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# STARTERS & ALTERNATORS



TVH PARTS NV • PARTS & ACCESSORIES DIVISION  
Brabantstraat 15 • BE-8790 Waregem  
T +32 56 43 42 11 • F +32 56 43 44 88 • parts@tvh.com • www.tvh.com



# STARTERS & ALTERNATORS

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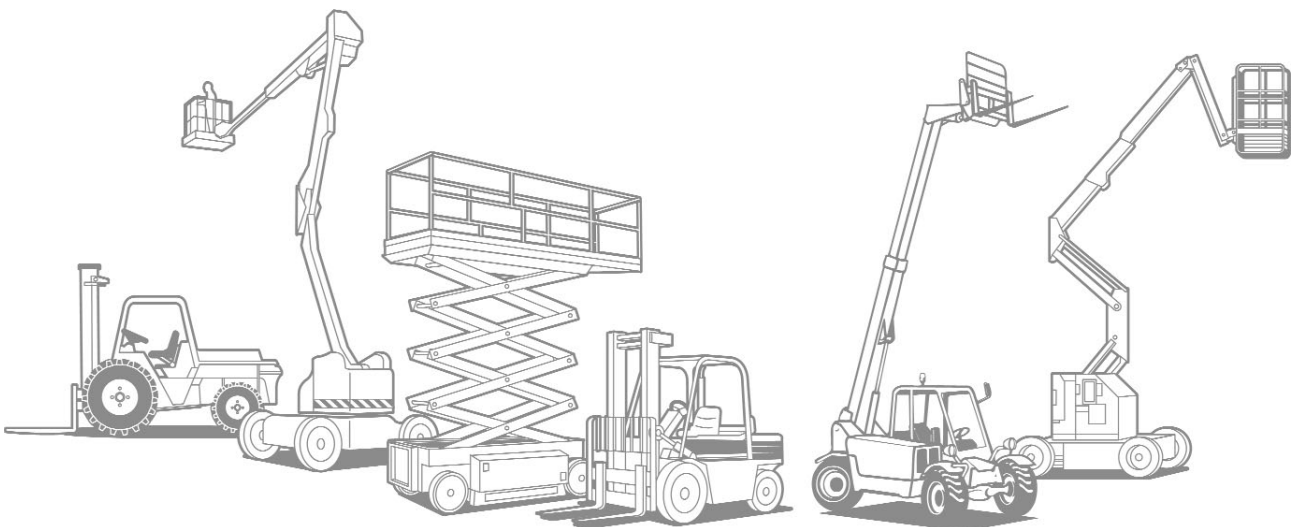
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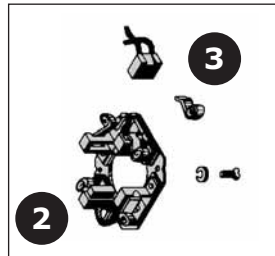
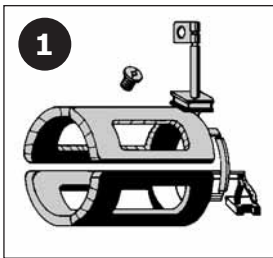
# Part: 1 STARTERS



# STARTERS

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STARTERS



1 Veldwikkeling  
Inducteur  
Winding  
Wicklung

2 Koolhouder  
Porte-balais  
Brush holder  
Kohlenbürstenhalter

3 Koolborstel + veren  
Balais + ressorts  
Spring-loaded brush set  
Kohlenbürste mit Feder

4 Lager  
Bague arrière  
Bearing  
Lagerbusche

5 Collectorlagerdeksel  
Palier arrière  
Commutator end bracket  
Kollektorlagerdeckel

6 Tandwiel  
Pignon lanceur  
Drive assembly  
Ritzel mit Kupplung

7 Centraal deksel  
Palier intermédiaire  
Central cover  
Mitteldeckel

8 Anker  
Induit  
Armature  
Anker

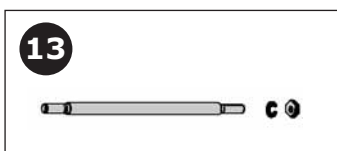
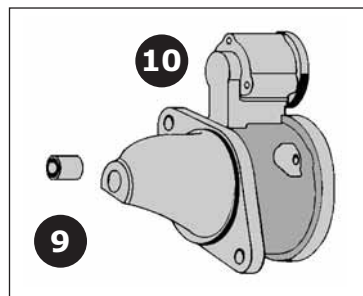
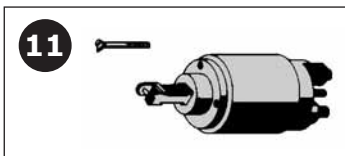
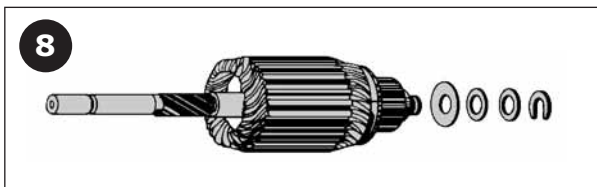
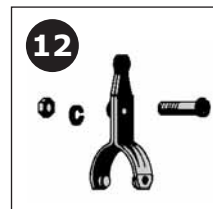
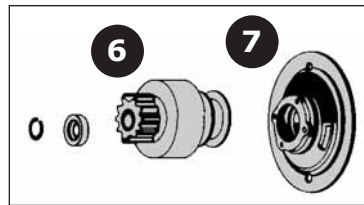
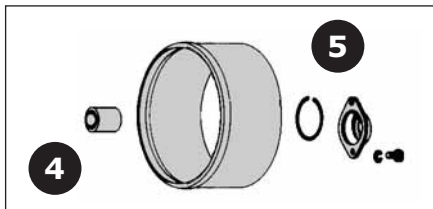
9 Lager  
Bague avant  
Bearing  
Lagerbuchse

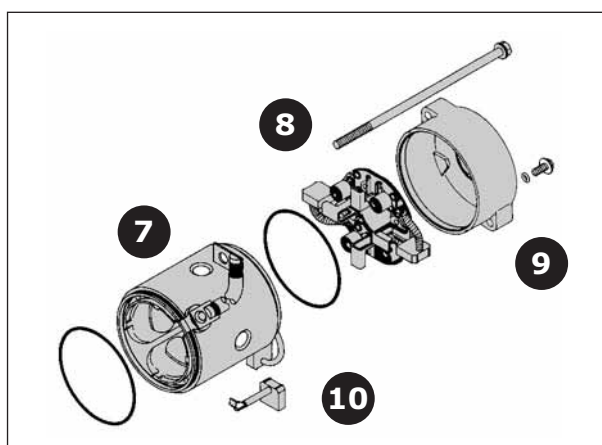
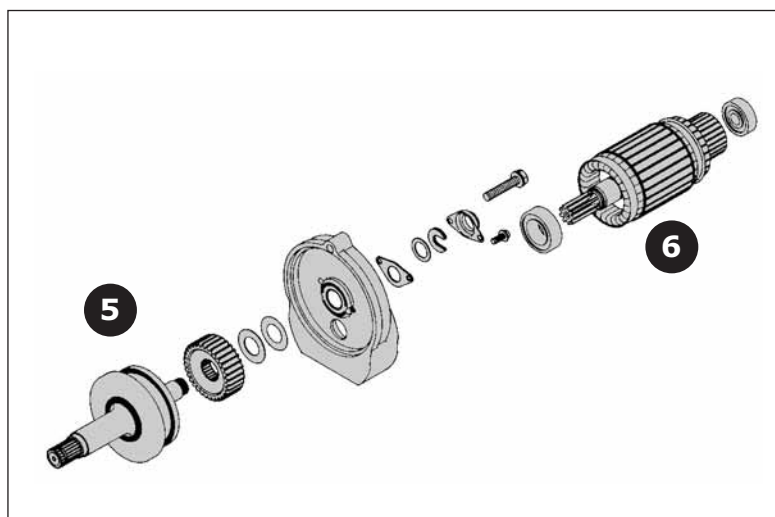
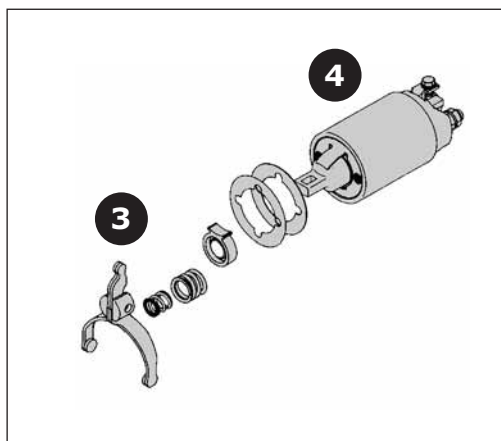
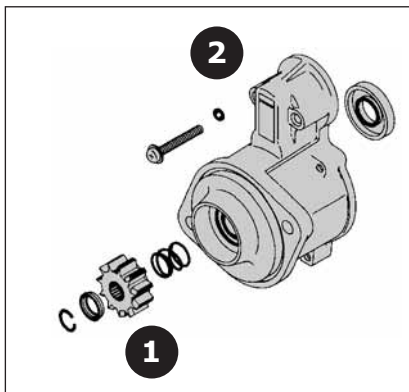
10 Starterkop  
Palier avant  
Drive end bracket  
Antriebslagerdeckel

11 Solenoïde  
Contacteur à solénoïde  
Starter switch  
Magnetschalter

12 Hendel  
Fourchette  
Engaging lever  
Gabelsatz

13 Bevestigingskit  
Jeu de fixation  
Fixing parts set  
Befestigungsteilesatz





- 1 Tandwiel  
Pignon  
Pinion set  
Ritzel
- 2 Starterkop  
Support lanceur  
Bracket assy, front  
Antriebslagerdeckel
- 3 Hendel  
Levier  
Lever assy.  
Gabelsatz
- 4 Contactor  
Contacteur  
Contactor  
Magnetschalter
- 5 Koppeling en reductie  
Embrayage et reduction  
Shaft assy, clutch set  
Getriebspindel
- 6 Anker  
Induit  
Armature  
Anker
- 7 Stator  
Bobine  
Yoke assy  
Wicklung
- 8 Koolborstelhouder  
Porte balais  
Brush holder  
Kohlenbürstenhalter
- 9 Deksel achteraan  
Couvercle  
Flange rear  
Deckel
- 10 Koolborstel  
Balais  
Brush  
Kohlenbürste



### **Belangrijke starter installatietips**

Gelieve rekening te houden met onderstaande tips zodat de starter op de juiste manier geïnstalleerd wordt. Wij raden ten eerste aan de installatie te laten uitvoeren door geschoolde en ervaren technici. Een onjuiste installatie kan de levensduur beperken en de prestaties van de motor beïnvloeden. Vroegtijdige motorproblemen kunnen een gevolg zijn van een slechte installatie.

Voor de montage dient u de nieuwe starter te vergelijken met de oude om eventueel montageproblemen vast te stellen. Indien men schade aanbrengt aan een nieuwe starter door deze te monteren op een onjuiste machine, dan zullen eventuele latere garantie- en schadeclaims, alsook retouraanvragen niet aanvaard worden.

Volgende controles dient u uit te voeren vooraleer aan de montage te beginnen:

- 1) Starterkrans
  - Controle op slijtage van deze op de 2 meest gebruikte plaatsen.
- 2) Batterij
  - Voer een batterijtest uit (spanningstest onder belasting) om de toestand van de batterij te controleren.
  - Een te grote spanningsval kan de startprocedure bemoeilijken en lijden tot verbranding van deze.
- 3) Bekabeling
  - Controleer batterijklemmen, kabels en massastrips op oxidatie en reinig of vervang deze indien nodig.
  - Pas op voor breuk door overmatig aandraaien van de aansluitklemmen op de solenoïde.
  - Hou, indien mogelijk, steeds de tegenschroef tegen dmv een tweede steeksleutel.
- 4) Vulplaatjes & montagebeugels
  - Monteer, indien nodig, de benodigde opvulplaatjes en/of montagebeugel.
  - Onjuist gebruik van deze kan lijden tot breuk.

### **Informations importantes pour installer un démarreur**



Prière de tenir compte des infos suivantes pour utiliser le meilleur moyen d'installation pour le démarreur. Nous conseillons vivement de laisser accomplir l'installation par des techniciens qualifiés et confirmés. Une installation fautive peut limiter la durée de vie et influencer les prestations du moteur. Des problèmes sur le moteur peuvent être une conséquence d'une mauvaise installation.

Pour constater éventuellement des problèmes d'assemblage vous devez comparer le nouveau démarreur à l'ancien. Si vous endommagez le nouveau démarreur par le montage sur un appareil fautif nous n'accepterons pas les réclamations de garantie, de dégât et les demandes de retour éventuels.

Avant le montage vous devez faire les vérifications suivantes:

- 1) Couronne démarreur
  - Vérifier l'usure sur les deux endroits les plus utilisés
- 2) Batterie
  - Tester les batteries (test de tension sous charge) pour vérifier l'état de la batterie.
  - Une baisse de tension trop forte peut engendrer des problèmes lors du démarrage et la batterie peut brûler.
- 3) Câblage
  - Vérifier l'oxidation des attaches batterie, les câbles et bornes.
  - Nettoyez les ou changez les si nécessaire
  - Faites attention de ne rien casser en vissant les attaches trop fort sur le solénoïde.
  - Si possible, retenez la contre vis par une deuxième clé plate.
- 4) Plaquettes de remplissage et sangles de montage
  - Si nécessaire, montez les plaquettes de remplissage et les sangles de montage.
  - Si vous l'utilisez mal, ceci peut engendrer de la casse.





## **Important starter installation tips**

Please take into account below tips so that the starter is installed correctly. We strongly advise you to have the installation performed by skilled and experienced engineers. An incorrect installation can considerably shorten the life expectancy and influence the performance of the motor. Premature motor problems can be the result of an incorrect installation.

Before the installation you need to compare the new starter to the old one to determine any possible installation problems. If damage is caused to a new starter by fitting it to an incorrect machine, then any resulting warranty and damage claims, as well as returns requests will not be accepted.

The following inspections must be performed before commencing the installation:

- 1) Starter ring gear
  - Check this for wear on the 2 most used places.
- 2) Battery
  - Perform a battery test (voltage test under load) to check the condition of the battery.
  - An excessive voltage drop can complicate the start-up procedure and result in a burning of this.
- 3) Wiring
  - Check battery terminals, cables and ground strips for oxidation and clean or replace these if necessary.
  - Beware for breakage by excessive tightening of the cable connectors on the solenoid.
  - If possible, always lock the locknut by means of a second open-ended spanner.
- 4) Spacers & mounting brackets
  - Fit, if necessary, the required spacers and/or mounting bracket.
  - An incorrect use of these can lead to breakage.

---

## **Wichtige Anlasser Montagetips**



Bitte beachten Sie untenstehende Tips sodass Ihr Anlasser auf die richtige Weise eingebaut wird. Wir raten Ihnen an die Montage ausführen zu lassen von geschulten und erfahrenen Technikern. Eine falsche Montage kann die Lebensdauer verkürzen und die Leistung von dem Motor beeinflussen. Frühzeitige Motorprobleme können eine Folge sein von einer schlechten Montage.

Vor der Montage müssen Sie den neuen Anlasser vergleichen mit Ihrem alten um eventuelle Montageprobleme feststellen zu können. Wenn man Schaden anbringt an dem neuen Anlasser durch diesen zu montieren auf eine falsche Weise, dann werden spätere Garantie- und Schadenclaims, sowie die Anfrage zur Rückgabe verweigert.

Folgende Prüfungen müssen Sie ausführen vor Sie mit der Montage anfangen:

- 1) Anlasserkrans
  - Kontrollieren Sie auf Verschleiß auf den 2 meist gebrauchten Stellen.
- 2) Batterie
  - Führen Sie einen Batterietest aus (Spannungstest unter Belastung) um den Zustand von der Batterie zu prüfen.
  - Ein zu großer Spannungsfall kann die Startprozedur erschweren und Verbrennung von dieser.
- 3) Bekabelung
  - Prüfen Sie die Batterieklemmen, Kabel und Massastreifen auf Oxidation und reinigen oder ersetzen Sie wenn nötig.
  - Passen Sie auf vor Bruch durch übermäßiges festdrehen von den Anschlußklemmen auf der Magnetspule.
  - Halten Sie wenn möglich die Gegenschraube fest durch einen zweiten Steckschlüssel.
- 4) Distanzscheiben & Montagebügel
  - Montieren Sie, wenn nötig, die benötigten Distanzscheiben und/oder Montagebügel.
  - Kein richtiger Gebrauch kann zu Bruch leiden.

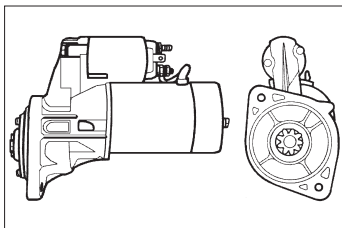




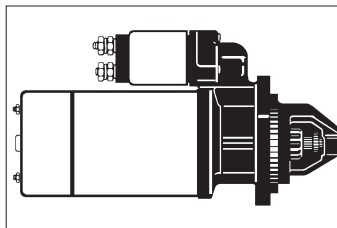
## Technische fiche STARTER

**Type starter:**

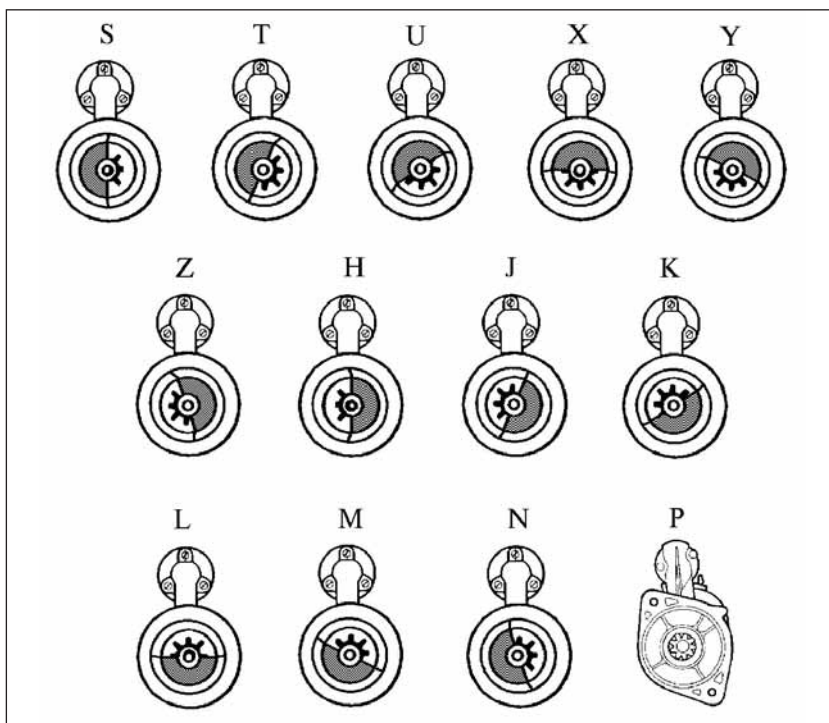
**Reductor = type R**



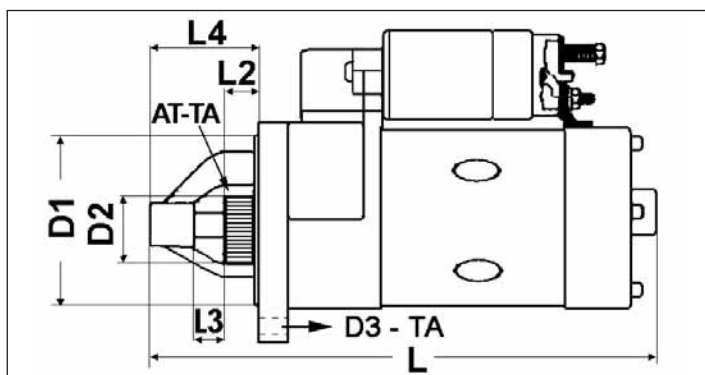
**Starter = type N**



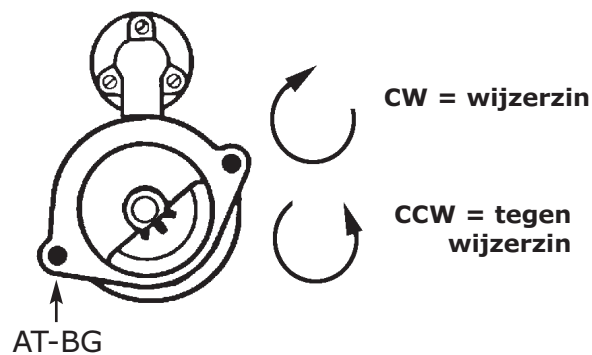
**Type starterkop:**



**Overige afmetingen:**



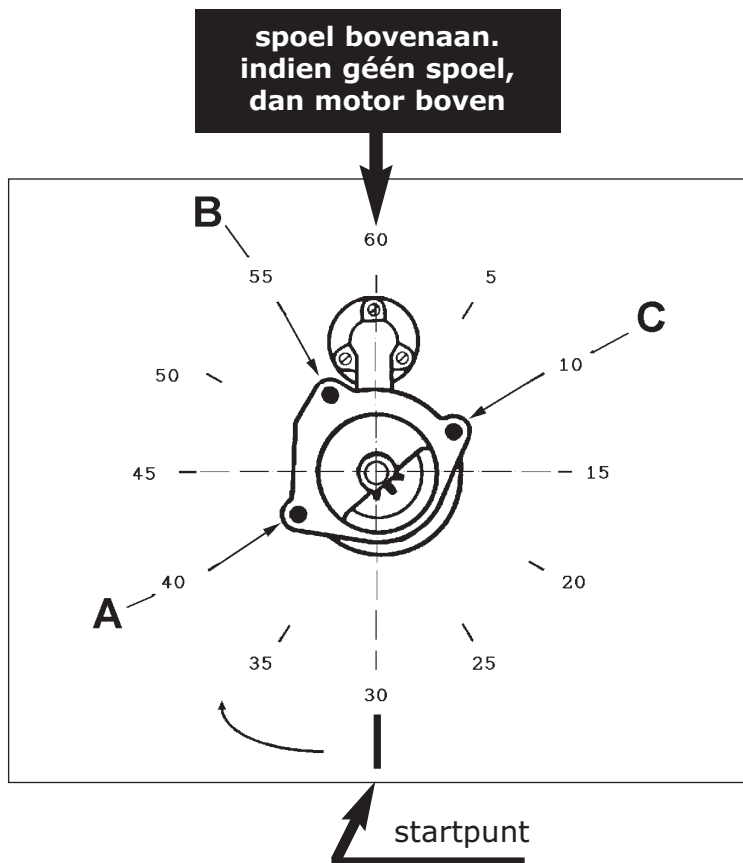
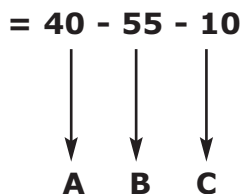
**draaizin:**



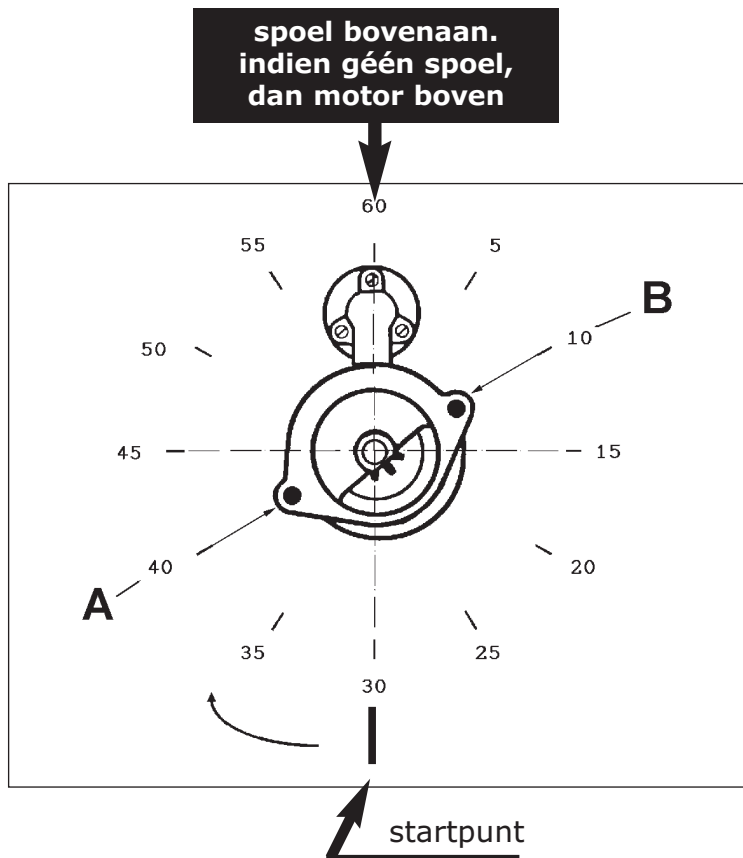
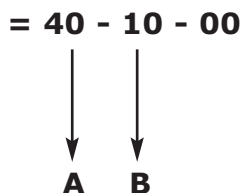
<b>Technische fiche</b>
<b>STARTER</b>

**Ligging bevestigingsgaten:**

**A) vb. met 3 bevestigingsgaten:**  
**beginnen vanaf 30'**  
**in wijzerzin en per stap van 5'**



**B) vb. met 2 bevestigingsgaten:**  
**beginnen vanaf 30'**  
**in wijzerzin en per stap van 5'**

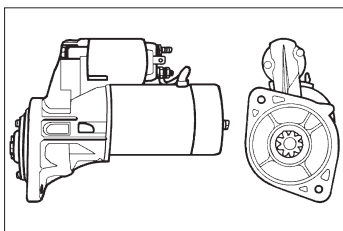




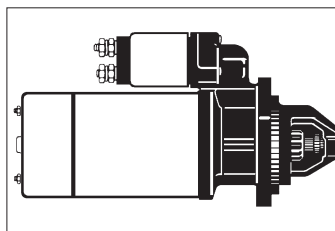
## Fiche technique DEMARREUR

**Type démarreur:**

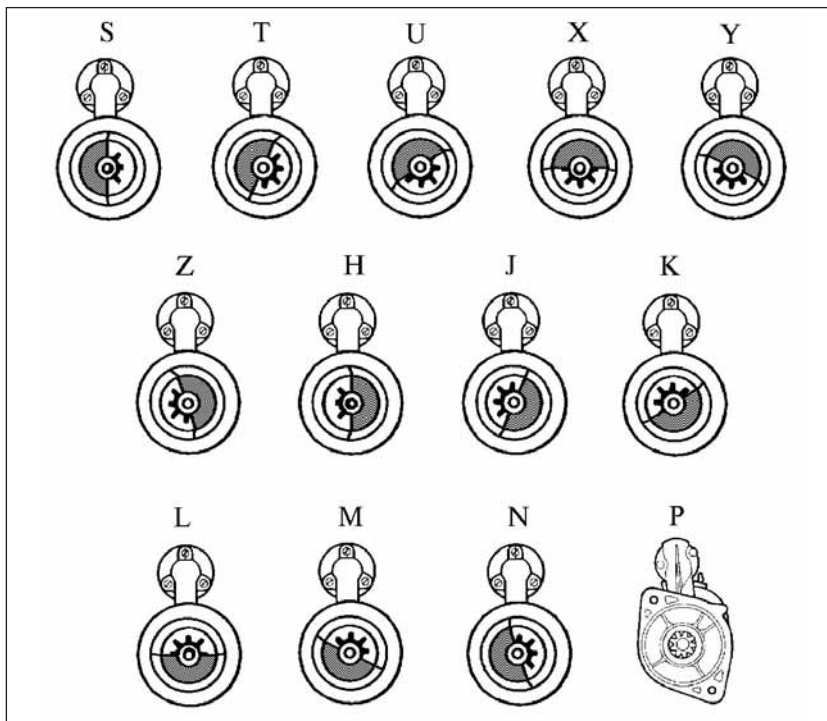
**Reducteur = type R**



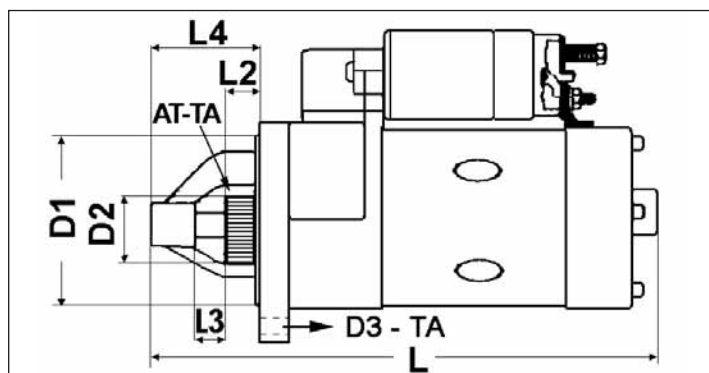
**Démarreur = type N**



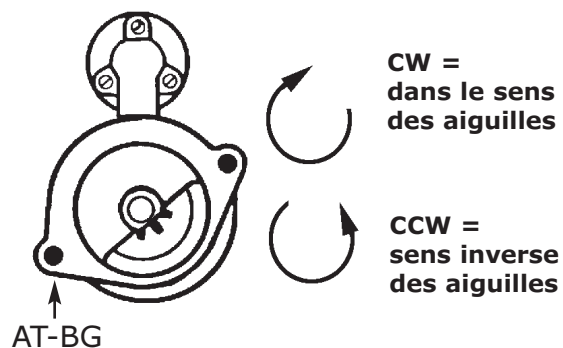
**Type: nez du démarreur:**



**Autres dimensions:**



**sense de rotation:**







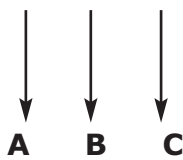
## Fiche technique DEMARREUR

### Positionnement des points de fixation:

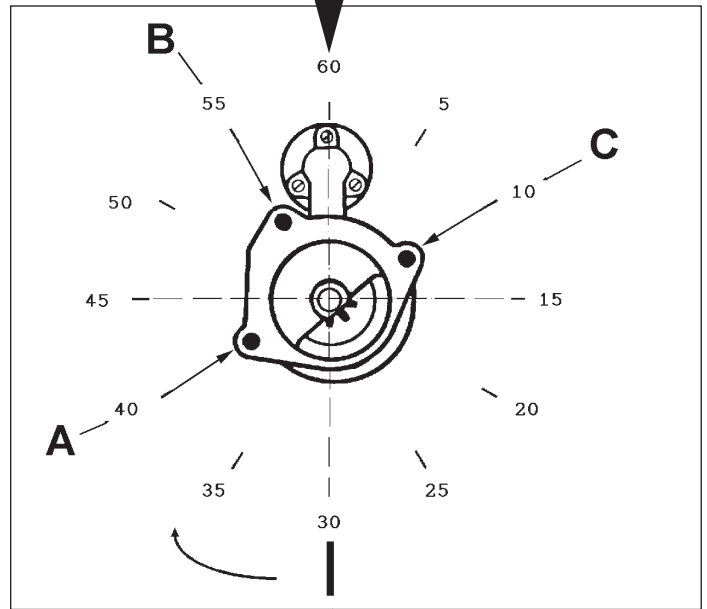
#### A) Ex. avec 3 points de fixation:

commencez au point de départ 30',  
dans le sens des aiguilles,  
d'une montre (par 5')

ex. = 40 - 55 - 10



avec solenoïde vers le haut  
(sans solenoïde, il faut positionner  
le moteur vers le haut)



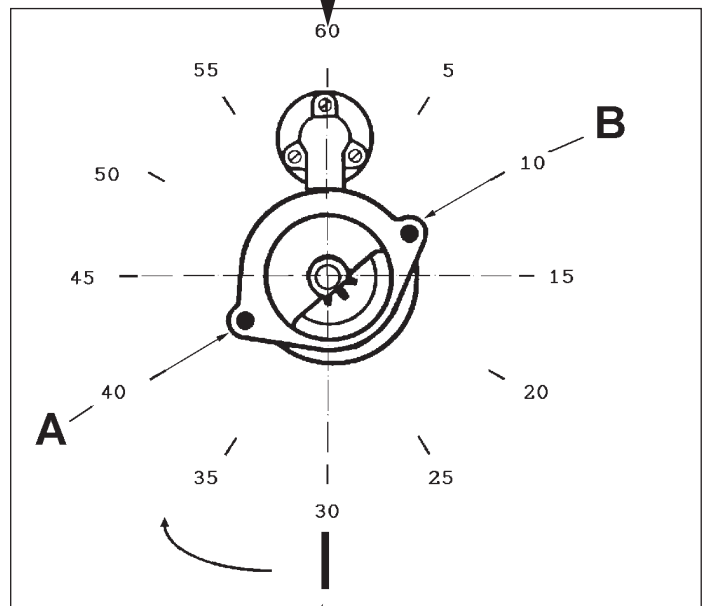
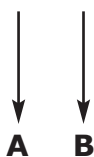
↙ point de départ

avec solenoïde vers le haut  
(sans solenoïde, il faut positionner  
le moteur vers le haut)

#### B) Ex. avec 2 points de fixation:

commencez au point de départ 30',  
dans le sens des aiguilles,  
d'une montre (par 5')

= 40 - 10 - 00



↙ point de départ



## Technical detail

### STARTER

**02-09-01-00**

Customer detail:



Truck type:  
Truck serial no.:

inquiry  
 order

Code: TY-ST x TY-KO x U x P x D1 x D2 x AT-TA x DZ x L x L2 x L3 x L4 x AT-BG x LG-BG x LG-CE x D3 x TA x OLIED

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- TY-ST . . . . . type of starter, as per picture (type R or N)
- TY-KO . . . . . type of starter drive cover, as per picture
- U . . . . . voltage (volt)
- P . . . . . power (Kw)
- D1 . . . . . diameter of flange, as per picture (mm)
- D2 . . . . . diameter of starter drive (mm)
- AT-TA . . . . . number of teeth
- DZ . . . . . rotary direction of the dog gear
- L . . . . . overall length of starter (mm)
- L2 . . . . . dimension (see picture)
- L3 . . . . . dimension (see picture)
- L4 . . . . . dimension (see picture)
- AT-BG . . . . . number of mounting holes
- LG-BG . . . . . location of fixing holes (see diagram)
- LG-CE . . . . . position of the centre between holes (measure the distance between the mounting holes and fill out from small to large. e.g. 57-90-107)
- D3 . . . . . diameter of fixing holes
- TA . . . . . thread type of the mounting holes (if any thread)
- OLIED . . . . . oil sealed yes/no



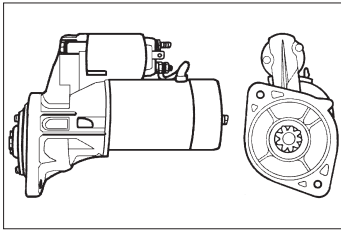


## Technical detail

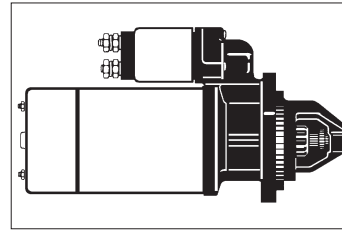
### STARTER

**Type of starter:**

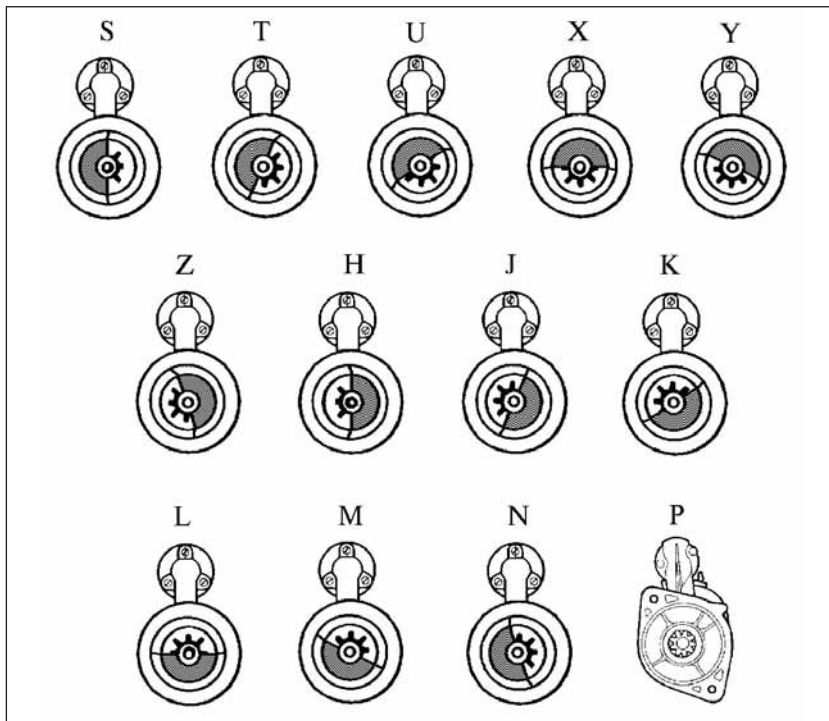
**Reductor = type R**



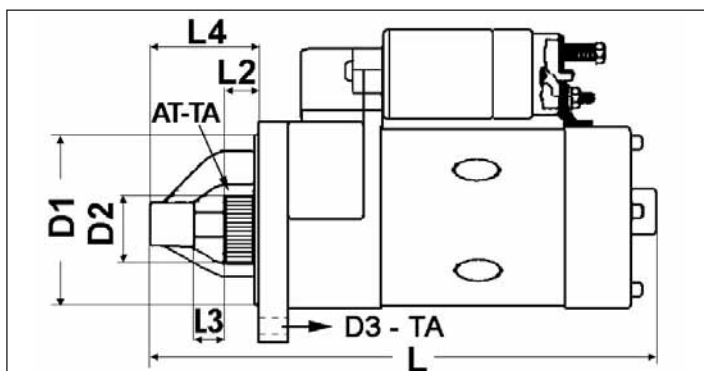
**Starter = type N**



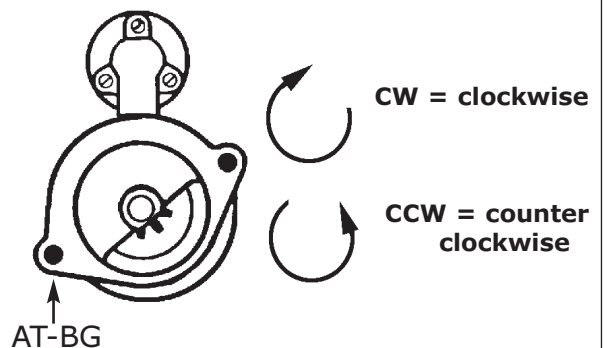
**Type of starter drive :**



**Other dimensions:**



**direction of rotation:**



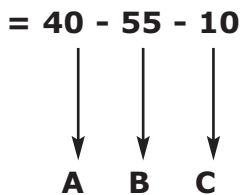
<b>Technical detail</b>
<b>STARTER</b>

**Location of fixation holes:**

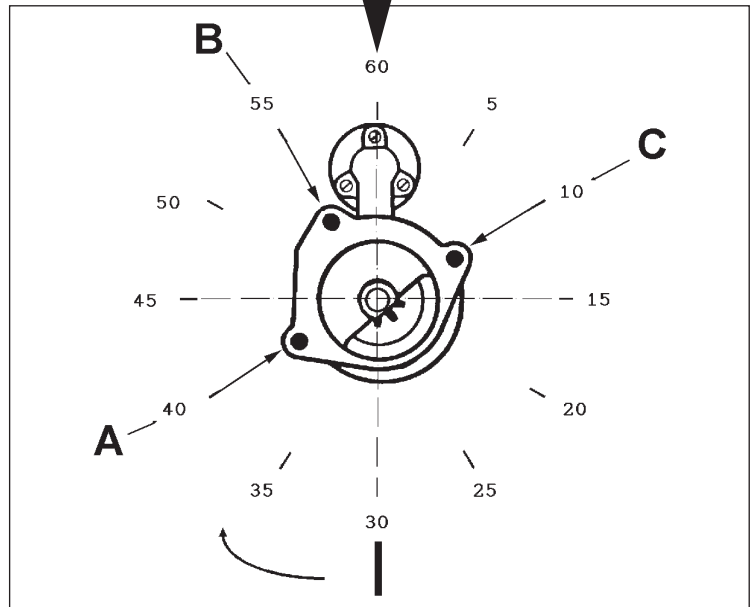
**A) e.g. with 3 fixing holes:**

**start at 30'**

**clockwise and per 5'**



**put coil on top. If no coil, then motor on top before determining location of holes**



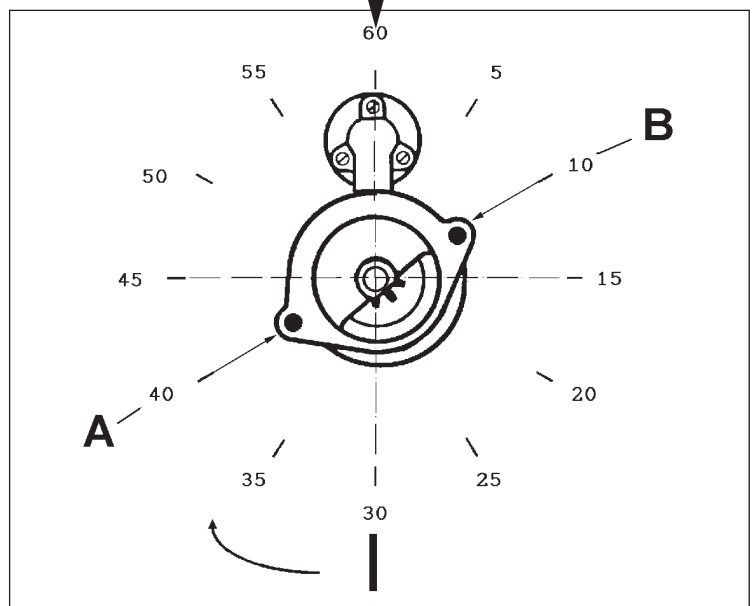
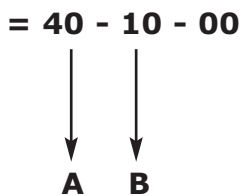
**startpoint**

**put coil on top. If no coil, then motor on top before determining location of holes**

**B) e.g. with 2 fixing holes:**

**start at 30'**

**clockwise and per 5'**



**startpoint**



## Technische Daten ANLASSER

**02-09-01-00**

Kunde Daten:



Maschine Typ:  
Maschine Seriennr:

Preisanfrage  
 Bestellung

Kode: TY-ST x TY-KO x U x P x D1 x D2 x AT-TA x DZ x L x L2 x L3 x L4 x AT-BG x LG-BG x LG-CE x D3 x TA x OLIED

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- TY-ST . . . . . Anlassertyp, siehe Bilder Typ R oder N
- TY-KO . . . . . Kopf, siehe Bilder Typ S bis zu P
- U . . . . . Spannung (Volt)
- P . . . . . Leistung des Anlassers (Kw)
- D1 . . . . . Halsdurchmesser (mm)
- D2 . . . . . Zahnraddurchmesser (mm)
- AT-TA. . . . . Zahl der Zähne
- DZ . . . . . Drehrichtung des Ritzels
- L. . . . . Gesamtlänge des Anlassers (mm)
- L2. . . . . Abstand, siehe Bild (mm)
- L3. . . . . Abstand, siehe Bild (mm)
- L4. . . . . Abstand, siehe Bild (mm)
- AT-BG . . . . . Befestigungslöcherzahl
- LG-BG . . . . . Lage Befestigungslöcher
- LG-CE . . . . . Bohrungabstände von Klein nach Gross  
eintragen Bsp : 57-90-107
- D3 . . . . . Durchmesser Befestigungslöcher
- TA. . . . . Gewindegröße der Befestigungslöcher
- OLIED . . . . . Dichtung (Öl) ja/nein

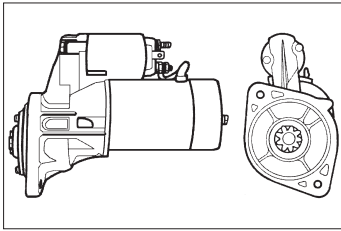


## Technische Daten

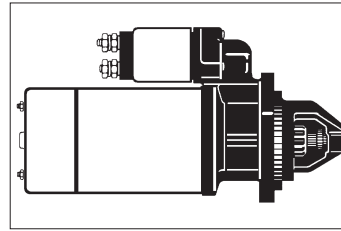
### ANLASSER

#### Anlassertyp:

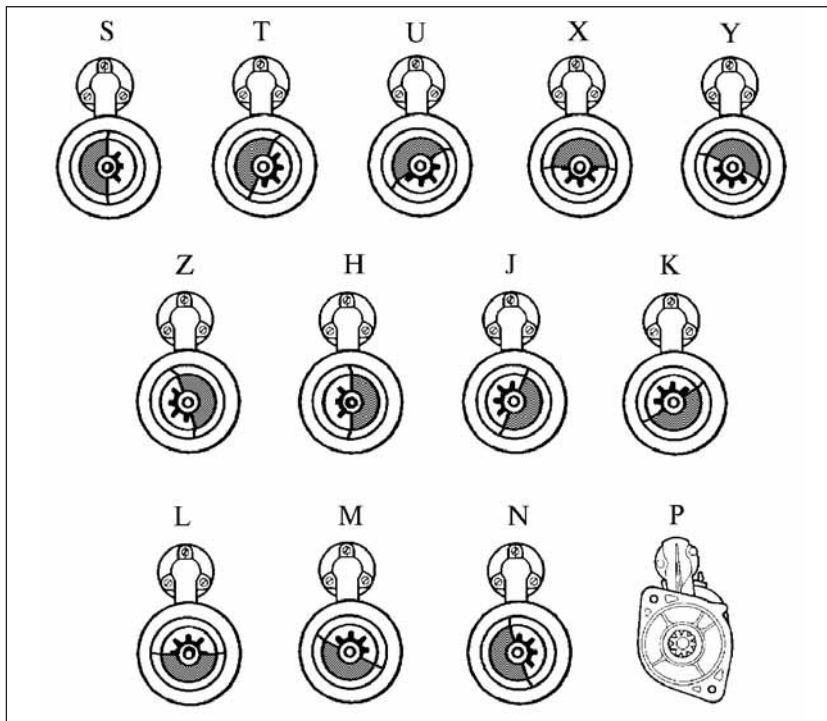
**Antrieb = Typ R**



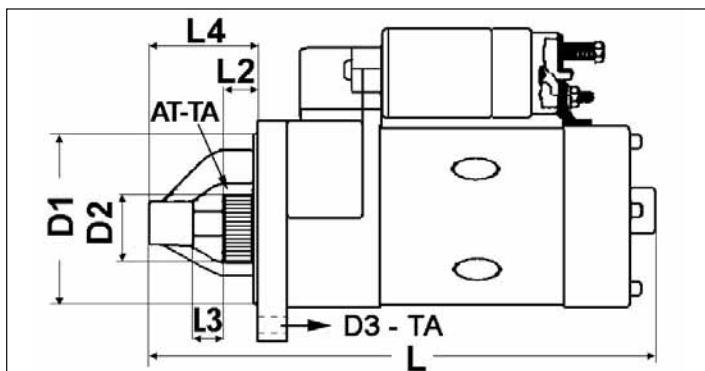
**Anlasser = Typ N**



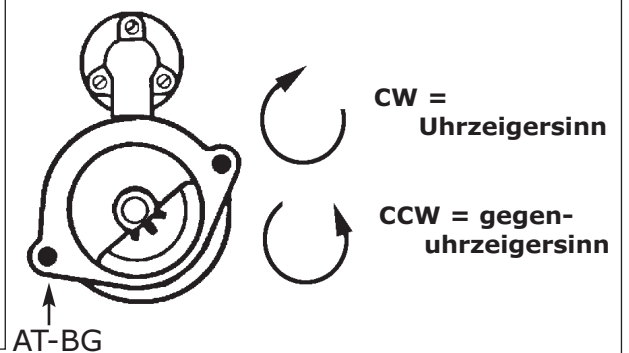
#### Typ Anlasserkopf:



#### Weitere Maßen:



#### Drehrichtung:





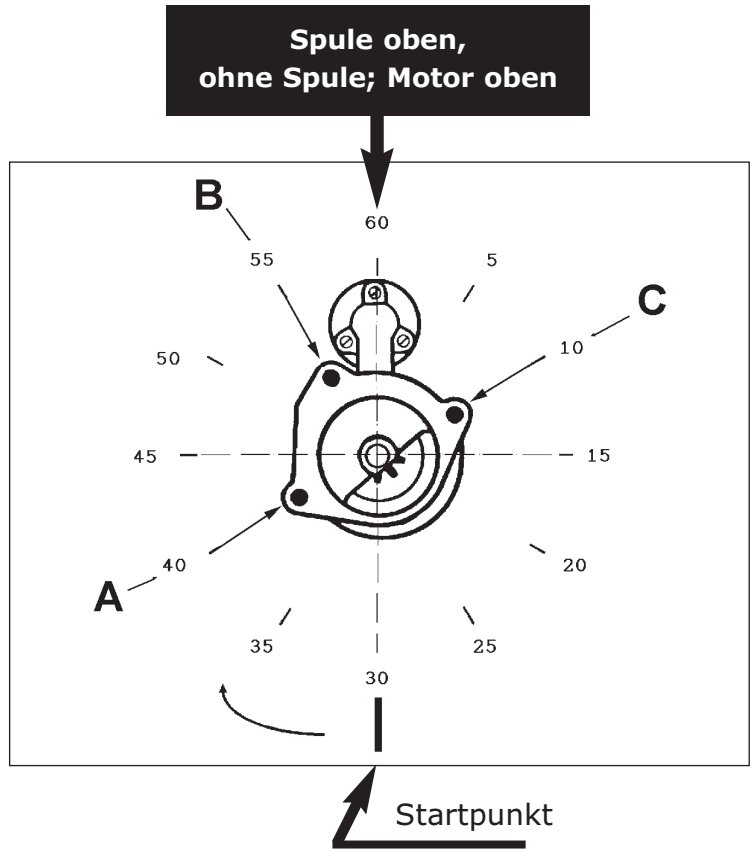
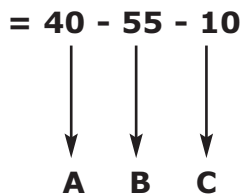


## Technische Daten

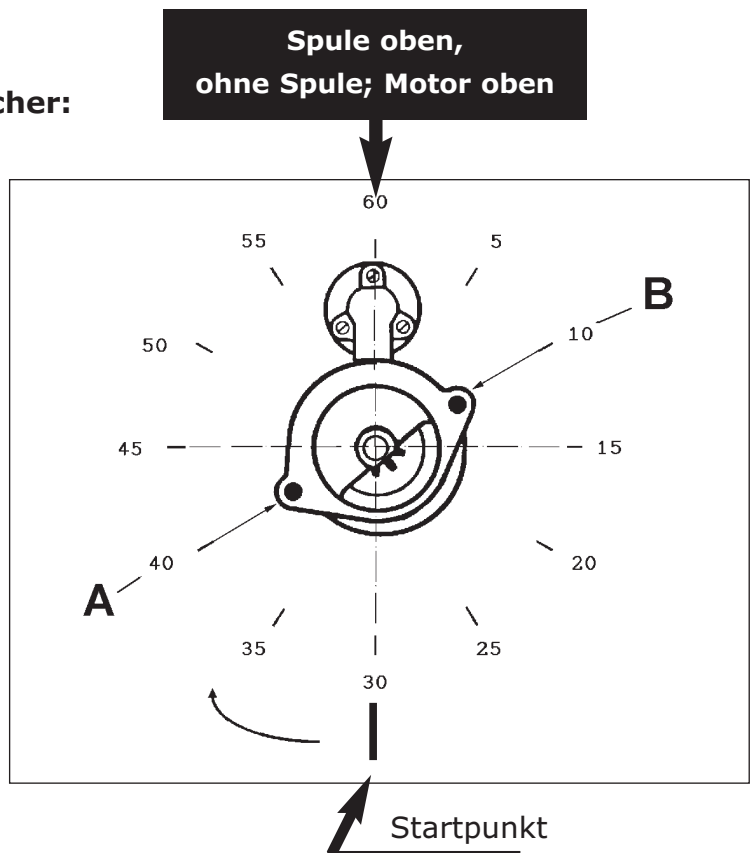
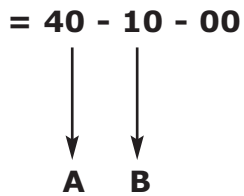
### ANLASSER

#### Lage Befestigungslöcher:

**A) Beispiel mit 3 Befestigungslöchern:**  
 anfangen mit 30' im  
 Uhrzeigersinn und pro 5'



**B) Beispiel mit 2 Befestigungslöchern:**  
 anfangen mit 30' im  
 Uhrzeigersinn und pro 5'

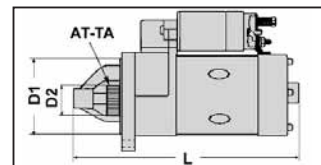


# STARTERS

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STARTERS

used for: **ALLIS CHALMERS-KALMAR AC**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	74	9	29	230			55-25	<a href="#">119TA7522</a>
	2	76,5	11	33,5	176	V	V	40-10	<a href="#">135TA5625</a>
	2	77	8	28	183			40-10	<a href="#">105TA5001</a>
	2	77	10	31	210			40-10	<a href="#">135TA5339</a>
	2	77	11	34	220		V	40-10	<a href="#">135TA5201</a>
	2	82	8	28	190			40-10	<a href="#">105TA5004</a>
	2	82	9	29	232			40-10	<a href="#">111TA1158</a>
	2	82	9	29	260			50-20	<a href="#">124TA6122</a>
	2	82,5	9	29	195		V	35-05	<a href="#">105TA5007</a>
	2	82,5	9	35	210		V	50-20	<a href="#">124TA6121</a>
	2	95	9	32	315		V	40-10	<a href="#">124TA6088</a>
	2	95	11	38	292		V	40-10	<a href="#">111TA1164</a>



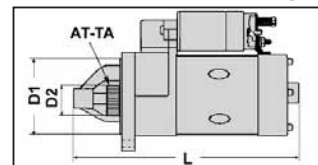
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STARTERS

used for: **ALLIS CHALMERS-KALMAR AC**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	76	9	25	296			05-15-25	<a href="#">107TA9597</a>
	3	88	10	39,5	340	V		35-50-05	<a href="#">135TA5458</a>
	3	88,5	9	29	225		V	40-55-10	<a href="#">105TA4999</a>
	3	88,5	9	29	305			30-45-60	<a href="#">135TA5118</a>
	3	88,5	9	29	305	V		30-45-60	<a href="#">135TA5119</a>
	3	88,5	9	29	305	V		40-55-10	<a href="#">105TA5006</a>
	3	88,5	9	36	306	V		35-05-20	<a href="#">105TA5000</a>
	3	88,5	10	38	345	V		35-50-05	<a href="#">105TA5003</a>
	3	88,5	10	39	310			35-50-05	<a href="#">124TA6065</a>
	3	88,5	10	39	345	V		45-60-15	<a href="#">135TA5123</a>
	3	88,5	10	40	345	V		35-50-05	<a href="#">135TA5381</a>
	3	89	9	29	305	V		35-50-05	<a href="#">135TA5480</a>

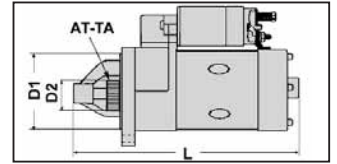


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STARTERS

used for: **ALLIS CHALMERS-KALMAR AC**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	89	10	38	340			40-55-10	<a href="#">107TA9581</a>
	3	89	10	39	225	V	V	40-55-10	<a href="#">111TA1186</a>
	3	89	10	40	330			45-60-15	<a href="#">135TA5364</a>
24	2	89	10	40	295		V	50-20	<a href="#">124TA6200</a>
	2	105	11	40	295		V	40-10	<a href="#">124TA6086</a>
	2	105	11	40	330		V	40-10	<a href="#">124TA6087</a>



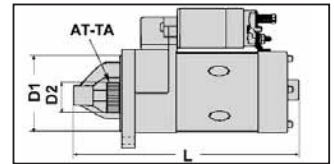
# STARTERS



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STARTERS

used for: **ARTISON**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	82,5	9	29	195		V	35-05	<a href="#">135TA5210</a>
	2	95	9	32	235		V	35-05	<a href="#">135TA5172</a>
	2	95	9	32	235		V	40-10	<a href="#">135TA5156</a>

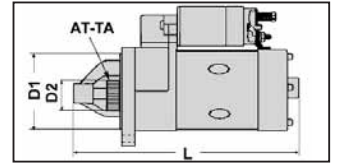


# STARTERS

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STARTERS

used for: **AUSA**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	66	9	29	195		V	40-10	<a href="#">135TA5187</a>
	2	74	9	29	213			50-10	<a href="#">136TA3562</a>
	2	77	8	28,3	185			40-10	<a href="#">135TA5554</a>
	2	80	9	29	210			40-10	<a href="#">135TA5165</a>
	2	82	9	24	239	V		55-25	<a href="#">135TA5547</a>
	2	82,2	9	33,4	220	V	V	40-10	<a href="#">135TA5531</a>
	2	82,5	9	29	233			35-05	<a href="#">135TA5551</a>
	3	88,5	10	39	277			55-10-25	<a href="#">135TA5568</a>









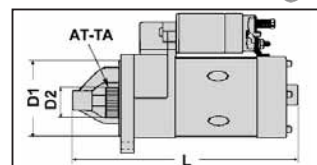
# STARTERS

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STARTERS

used for: **BOBCAT**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	66	9	29	195		V	40-10	<a href="#">135TA5185</a>
	2	66	9	29,3	208			40-10	<a href="#">135TA5404</a>
	2	73,7	12	37	240			40-10	<a href="#">135TA5432</a>
	2	74	9	29	215			45-10	<a href="#">135TA5398</a>
	2	74	13	38	248		V	45-10	<a href="#">135TA5303</a>
	2	77	13	41	240		V	55-25	<a href="#">136TA3491</a>
	2	82,5	9	34	210		V	40-10	<a href="#">135TA5316</a>
	2	82,5	13	46,5	292			35-05	<a href="#">135TA5580</a>
	2	89	10	40	220		V	40-10	<a href="#">135TA5102</a>
	2	95	9	32	285			40-10	<a href="#">135TA5167</a>
	2	95	10	39,6	235		V	40-10	<a href="#">135TA5469</a>
	3	88,5	9	29	305	V		35-55-10	<a href="#">135TA5276</a>

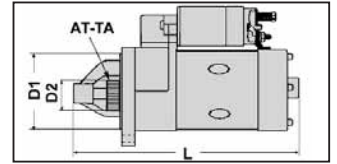


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STARTERS

used for: **BOBCAT**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	88,5	10	36,5	309			45-60-15	<a href="#">135TA5476</a>
	3	88,5	10	38	341	V		40-55-05	<a href="#">103TA3475</a>
	3	88,5	10	39,8	317		V	40-55-10	<a href="#">135TA5470</a>
	3	88,5	10	40	290		V	40-55-10	<a href="#">136TA3458</a>
	3	88,5	12	46	341		V	55-10-25	<a href="#">135TA5382</a>
	3	89	10	32	340		V	55-05-20	<a href="#">136TA3493</a>
	3	89	10	39,7	341	V	V	35-50-05	<a href="#">135TA5557</a>
	3	89	11	40	296	V	V	50-10-25	<a href="#">135TA5564</a>
	3	89	12	46	342		V	55-10-25	<a href="#">135TA5329</a>
	3	92	10	39	308			50-10-25	<a href="#">135TA5348</a>













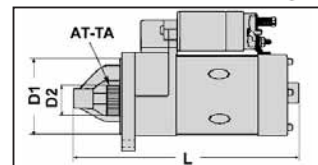
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STARTERS

used for: **CLARK-SAMSUNG**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
6	3	88,5	9	36	322			30-45-60	<a href="#">106TA8296</a>
	3	88,5	10	40	327			30-45-60	<a href="#">119TA7508</a>
	3	88,5	13	46	362			30-45-60	<a href="#">106TA8292</a>
12	2	66	9	29	195		V	40-10	<a href="#">124TA6093</a>
	2	66	9	29,3	208			40-10	<a href="#">124TA6196</a>
	2	68	11	29,5	218	V			<a href="#">135TA5536</a>
	2	68	11	30	232				<a href="#">136TA3528</a>
	2	73,2	11	33,5	178	V	V	40-10	<a href="#">135TA5622</a>
	2	73,7	12	37	240			40-10	<a href="#">107TA9588</a>
	2	74	8	28	188			40-10	<a href="#">135TA5197</a>
	2	74	13	38	248		V	45-10	<a href="#">116TA7179</a>
	2	76,5	11	33,5	176	V	V	40-10	<a href="#">135TA5626</a>

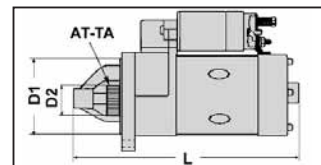


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STARTERS

used for: **CLARK-SAMSUNG**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	77	8	28	183			40-10	<a href="#">105TA5073</a>
	2	77	8	28	190			40-10	<a href="#">105TA5082</a>
	2	77	9	29	192			40-10	<a href="#">105TA5854</a>
	2	77	10	31	210			40-10	<a href="#">135TA5340</a>
	2	77	11	34	210		V	40-10	<a href="#">106TA8324</a>
	2	77	11	34	220		V	40-10	<a href="#">136TA3469</a>
	2	77	11	34	220		V	40-10	<a href="#">105TA5342</a>
	2	77	13	41	240		V	55-25	<a href="#">136TA3490</a>
	2	82	10	39	305	V		35-05	<a href="#">105TA5074</a>
	2	82,5	9	34	210		V	40-10	<a href="#">135TA5314</a>
	2	82,5	9	35	225		V	55-25	<a href="#">124TA6115</a>
	2	82,5	10	40	220		V	40-15	<a href="#">135TA5319</a>



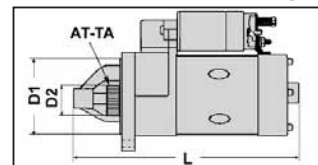
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STARTERS

used for: **CLARK-SAMSUNG**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	88,8	10	40	233		V	40-10	<a href="#">135TA5544</a>
	2	89	10	40	187		V	50-20	<a href="#">135TA5131</a>
	2	89	10	40	225		V	50-20	<a href="#">103TA3139</a>
	2	89	10	40	250	V	V	40-10	<a href="#">135TA5321</a>
	2	89	10	40	290		V	40-10	<a href="#">135TA5107</a>
	2	95	9	32	235		V	40-10	<a href="#">135TA5151</a>
	2	95	9	32	285			40-10	<a href="#">105TA5062</a>
	2	95	9	35	228		V	35-05	<a href="#">116TA7162</a>
	2	95	9	35,6	223		V	45-15	<a href="#">116TA7222</a>
	2	95	10	39,6	235		V	40-10	<a href="#">135TA5468</a>
	2	95	15	43,7	224		V	35-05	<a href="#">135TA5448</a>
	2	104	9	25	240			35-05	<a href="#">103TA3138</a>

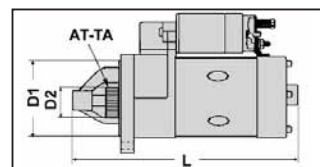


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STARTERS

used for: **CLARK-SAMSUNG**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	104	9	25	290			35-05	<a href="#">105TA5066</a>
	3	88,3	12	46,2	403			35-50-05	<a href="#">107TA9590</a>
	3	88,5	9	25	305			30-60-15	<a href="#">105TA5068</a>
	3	88,5	9	29	225		V	40-55-10	<a href="#">135TA5105</a>
	3	88,5	9	29	305			30-45-60	<a href="#">105TA5065</a>
	3	88,5	9	29	305	V		40-55-10	<a href="#">105TA5060</a>
	3	88,5	9	29	305	V		30-45-60	<a href="#">135TA5120</a>
	3	88,5	9	29	305	V		35-55-10	<a href="#">106TA8339</a>
	3	88,5	9	34	295			35-50-05	<a href="#">111TA1182</a>
	3	88,5	9	35	330			40-05-20	<a href="#">103TA3160</a>
	3	88,5	9	36	306	V		35-05-20	<a href="#">136TA3505</a>
	3	88,5	10	26	220			35-50-05	<a href="#">135TA5127</a>





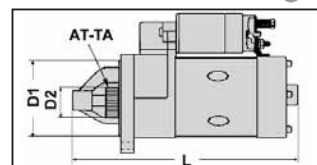
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STARTERS

used for: **CLARK-SAMSUNG**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	88,5	10	32	345			50-10-25	<a href="#">106TA8346</a>
	3	88,5	10	36,5	309			45-60-15	<a href="#">135TA5475</a>
	3	88,5	10	38	310	V		35-50-05	<a href="#">116TA7105</a>
	3	88,5	10	38	335			45-60-15	<a href="#">103TA3152</a>
	3	88,5	10	38	341	V		40-55-05	<a href="#">105TA5078</a>
	3	88,5	10	38	345	V		35-50-05	<a href="#">103TA3159</a>
	3	88,5	10	38	350	V		35-50-05	<a href="#">103TA3140</a>
	3	88,5	10	39	277			55-10-25	<a href="#">135TA5565</a>
	3	88,5	10	39	310			35-50-05	<a href="#">103TA3146</a>
	3	88,5	10	39	340	V	V	35-50-10	<a href="#">135TA5328</a>
	3	88,5	10	39	340	V		35-50-10	<a href="#">105TA5061</a>
	3	88,5	10	39	345	V		35-50-05	<a href="#">124TA6079</a>

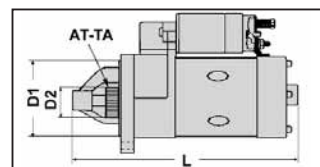


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used for: **CLARK-SAMSUNG**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	88,5	10	39	345	V		45-60-15	<a href="#">124TA6070</a>
	3	88,5	10	39	405			55-10-25	<a href="#">135TA5121</a>
	3	88,5	10	40	310	V		35-50-05	<a href="#">103TA3149</a>
	3	88,5	10	40	310	V		35-50-10	<a href="#">103TA3332</a>
	3	88,5	10	40	340		V	55-10-20	<a href="#">116TA7110</a>
	3	88,5	10	40	405	V		55-05-20	<a href="#">103TA3569</a>
	3	88,5	12	46	341		V	55-10-25	<a href="#">106TA8274</a>
	3	88,5	12	46	345			55-10-25	<a href="#">105TA5853</a>
	3	88,6	9	28,8	305			35-05-20	<a href="#">105TA5069</a>
	3	88,7	10	38	346			30-45-60	<a href="#">103TA3153</a>
	3	88,7	10	39,5	309			55-05-25	<a href="#">106TA8257</a>
	3	88,7	10	39,5	309,2			40-55-10	<a href="#">124TA6166</a>



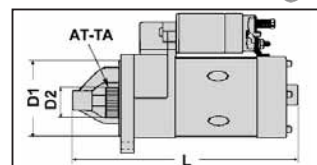
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STARTERS

used for: **CLARK-SAMSUNG**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	88,8	10	39,8	367,5			50-05-20	<a href="#">135TA5460</a>
	3	89	9	29	305	V		35-50-05	<a href="#">135TA5481</a>
	3	89	9	36	295			40-05-20	<a href="#">103TA3142</a>
	3	89	10	32	340		V	55-05-20	<a href="#">135TA5322</a>
	3	89	10	38	340			40-55-10	<a href="#">116TA7068</a>
	3	89	10	39	310			50-10-20	<a href="#">103TA3520</a>
	3	89	10	39	360			40-55-10	<a href="#">105TA5067</a>
	3	89	10	39	402			50-05-20	<a href="#">135TA5570</a>
	3	89	10	39,7	341	V	V	35-50-05	<a href="#">135TA5558</a>
	3	89	10	40	340		V	55-10-25	<a href="#">106TA8378</a>
	3	89	11	40	296	V	V	50-10-25	<a href="#">119TA7514</a>
	3	89	11	40	315			40-05-20	<a href="#">124TA6094</a>

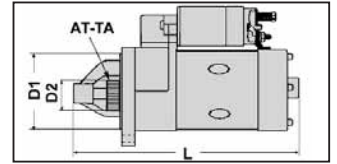


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STARTERS

used for: **CLARK-SAMSUNG**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	89	12	46	342		V	55-10-25	<a href="#">105TA5076</a>
	3	91	10	40	395			40-60-20	<a href="#">103TA3136</a>
	3	92	11	55	460			30-55-05	<a href="#">103TA3485</a>
	3	103,5	10	28	225			30-05-00	<a href="#">106TA8396</a>
24	2	82	11	41	250	V	V	40-10	<a href="#">116TA7118</a>
	2	82	11	41,5	250		V	40-10	<a href="#">105TA5080</a>
	3	89	9	34	370			35-55-10	<a href="#">103TA3162</a>
	3	89	10	40	315			50-10-20	<a href="#">135TA5634</a>





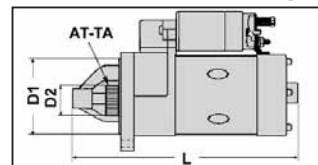
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STARTERS

used for: **COVENTRY CLIMAX**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	77	8	28	183			40-10	<a href="#">119TA7501</a>
	2	82	8	28	190			40-10	<a href="#">105TA5086</a>
	2	95	9	32	210		V	40-10	<a href="#">105TA5092</a>
	2	95	9	32	230		V	40-10	<a href="#">135TA5166</a>
	2	95	9	32	305			40-10	<a href="#">105TA5091</a>
	3	0	11	28,5	237	V		40-50-05	<a href="#">106TA8392</a>
	3	65	12	32	222			35-50-05	<a href="#">103TA3578</a>
	3	74	9	29	210		V	40-50-10	<a href="#">105TA5093</a>
	3	74	9	29	230		V	40-50-10	<a href="#">105TA5085</a>
	3	88,5	9	29	305			30-45-60	<a href="#">124TA6068</a>
	3	88,5	9	29	305	V		40-55-10	<a href="#">105TA5084</a>
	3	88,7	10	39,5	309,2			40-55-10	<a href="#">124TA6164</a>

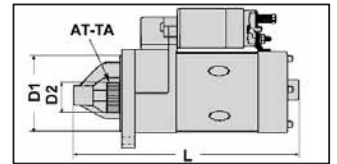


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STARTERS

used for: **COVENTRY CLIMAX**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	89	10	39	310			50-10-20	<a href="#">105TA5087</a>
	3	89	10	39	360			40-55-10	<a href="#">105TA5083</a>
	3	92	9	36	310	V		40-55-10	<a href="#">135TA5578</a>
24	3	88,5	10	39	365	V		40-55-05	<a href="#">119TA7509</a>



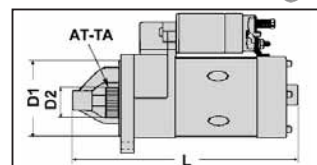
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used for: **CROWN**

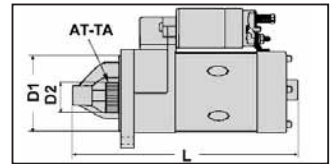


voltage (volt) <b>U</b>	number of fixation points <b>AT-BG</b>	flange dia. (mm) <b>D1</b>	number of teeth <b>AT-TA</b>	gear dia. (mm) <b>D2</b>	total length (mm) <b>L</b>	wet clutch <b>OLIED</b>	reductor <b>TY-ST</b>	position fixation points <b>LG-BG</b>	reference new
12	2	82,5	9	29	195		V	35-05	<a href="#">135TA5205</a>



**REF 135TA5205**

used for: **DESTA**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	76	9	29	260			55-25	<a href="#">105TA5101</a>



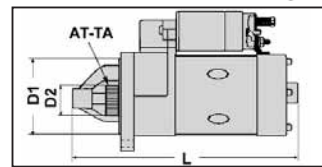
# STARTERS

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STARTERS

used for: **DIECI**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	110	9	34	340			35-50-05	<a href="#">135TA5139</a>



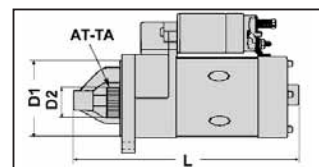
**REF 135TA5139**

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STARTERS

used for: **FANTUZZI**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	110	9	34	300			35-45-05	<a href="#">135TA5374</a>
	3	110	9	34	340			35-50-05	<a href="#">135TA5138</a>
	3	110	9	34	340			50-05-20	<a href="#">135TA5278</a>
	3	110	9	34,5	338			35-50-05	<a href="#">135TA5376</a>
24	3	88,5	11	40	385			50-10-25	<a href="#">135TA5345</a>
	3	88,5	11	40	405			50-10-25	<a href="#">135TA5269</a>
	3	88,7	10	32	340	V	V	50-10-20	<a href="#">136TA3486</a>
	3	88,7	11	40,7	404			50-05-25	<a href="#">135TA5392</a>
	3	89	9	34	385			55-05-20	<a href="#">135TA5361</a>
	3	91,7	12	46	475			30-50-05	<a href="#">135TA5391</a>
	3	92	11	55	358			45-05-25	<a href="#">135TA5574</a>
	3	92	11	56	480			35-55-15	<a href="#">135TA5106</a>



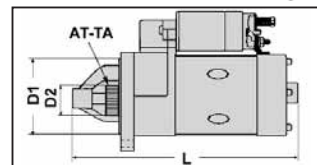
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STARTERS

used for: **FENWICK & PEG**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	82	9	25	293				<a href="#">106TA8261</a>
	2	82	9	29	280			50-20	<a href="#">105TA5103</a>
	2	82	9	34	295			55-25	<a href="#">107TA9575</a>
	2	82	9	36,5	291,5			50-20	<a href="#">106TA8259</a>
	2	82,5	9	30	291			55-25	<a href="#">103TA3541</a>
	3	65	10	27	262			40-55-05	<a href="#">135TA5400</a>
	3	66	9	25	195			55-10-25	<a href="#">103TA3163</a>
	3	82	9	25	265			35-05-20	<a href="#">105TA5107</a>
	3	82	11	29	225			35-50-05	<a href="#">135TA5128</a>
	3	82,5	9	25	225			35-05-20	<a href="#">105TA5106</a>
	3	88,4	10	39,2	306	V		50-10-20	<a href="#">135TA5510</a>
	3	88,5	9	29	305	V		40-55-10	<a href="#">105TA5108</a>



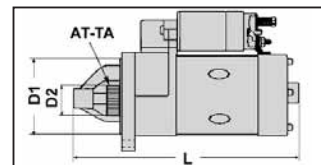


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STARTERS

used for: **FENWICK & PEG**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	88,5	9	34	295			50-05-20	<a href="#">124TA6177</a>
	3	88,5	9	34	295			35-50-05	<a href="#">135TA5192</a>
	3	88,5	10	26	220			35-50-05	<a href="#">103TA3169</a>
	3	88,5	10	40	295			55-10-20	<a href="#">103TA3367</a>
	3	88,5	10	40	315			55-10-20	<a href="#">105TA5110</a>
	3	88,5	10	40	325			50-10-20	<a href="#">103TA3168</a>
	3	89	10	39	310			50-10-20	<a href="#">135TA5600</a>
	3	89	10	39	360			40-55-10	<a href="#">105TA5104</a>
	3	110	9	34	340			35-50-05	<a href="#">116TA7101</a>
24	3	88,5	9	34	415			35-55-05	<a href="#">106TA8270</a>
	3	88,8	10	39	340			35-55-05	<a href="#">135TA5591</a>



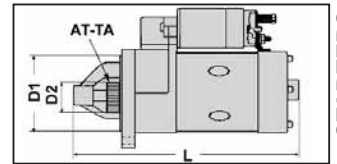
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STARTERS

used for: **GENIE**



voltage (volt)	number of fixation points	flange dia. (mm)	number of teeth	gear dia. (mm)	total length (mm)	wet clutch	reductor	position fixation points	reference new
U	AT-BG	D1	AT-TA	D2	L	OLIED	TY-ST	LG-BG	
12	2	65,8	9	29,2	189			40-10	<a href="#">135TA5446</a>
	2	82,5	9	33,7	250			30-05	<a href="#">136TA3552</a>
	2	82,5	9	34	255			35-05	<a href="#">135TA5466</a>
	3	82	11	35	292			30-35-05	<a href="#">135TA5371</a>

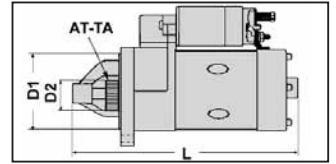


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STARTERS

used for: **HAKO**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	66	9	0	231			40-10	<a href="#">135TA5467</a>



**REF [135TA5467](#)**

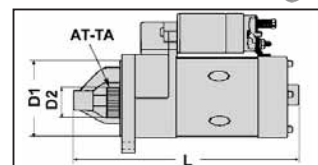
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STARTERS

used for: **HANGZHOU / HC / HANGCHA**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	73,3	9	28,5	206,5			40-10	<a href="#">136TA3555</a>
	2	74	9	28,8	208			40-10	<a href="#">136TA3566</a>
	2	82	8	28	190			40-10	<a href="#">135TA5218</a>
	2	82	11	39	300	V	V	50-25	<a href="#">135TA5594</a>
	2	82,5	9	29	195		V	35-05	<a href="#">135TA5211</a>
	2	95	9	32	227		V	35-05	<a href="#">135TA5636</a>
	2	95	9	32	235		V	35-05	<a href="#">135TA5173</a>
	2	95	9	32	235		V	40-10	<a href="#">135TA5157</a>
	2	95	9	32	305			40-10	<a href="#">135TA5176</a>
	2	95	9	34,8	255		V	35-05	<a href="#">135TA5644</a>
	2	95	9	35	224		V	50-20	<a href="#">135TA5427</a>
24	3	105	11	40	304		V	40-55-10	<a href="#">135TA5291</a>

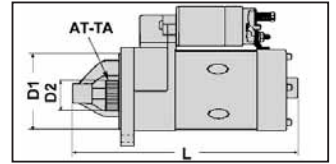


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STARTERS

used for: **HANGZHOU / HC / HANGCHA**



voltage (volt) <b>U</b>	number of fixation points <b>AT-BG</b>	flange dia. (mm) <b>D1</b>	number of teeth <b>AT-TA</b>	gear dia. (mm) <b>D2</b>	total length (mm) <b>L</b>	wet clutch <b>OLIED</b>	reductor <b>TY-ST</b>	position fixation points <b>LG-BG</b>	reference new
24	3	105	11	40	339		V	45-05-15	<a href="#">135TA5234</a>



REF [135TA5234](#)

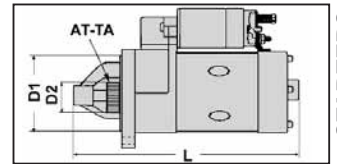
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STARTERS

used for: **HARLAN**



voltage (volt) <b>U</b>	number of fixation points <b>AT-BG</b>	flange dia. (mm) <b>D1</b>	number of teeth <b>AT-TA</b>	gear dia. (mm) <b>D2</b>	total length (mm) <b>L</b>	wet clutch <b>OLIED</b>	reductor <b>TY-ST</b>	position fixation points <b>LG-BG</b>	reference new
12	3	88,5	10	39	405			55-10-25	<a href="#">135TA5122</a>
	3	88,5	10	40	340		V	55-10-20	<a href="#">135TA5162</a>
	3	103,5	10	28	225			30-05-00	<a href="#">135TA5410</a>

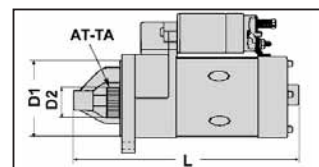


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STARTERS

used for: **HAULOTTE**



voltage (volt) <b>U</b>	number of fixation points <b>AT-BG</b>	flange dia. (mm) <b>D1</b>	number of teeth <b>AT-TA</b>	gear dia. (mm) <b>D2</b>	total length (mm) <b>L</b>	wet clutch <b>OLIED</b>	reductor <b>TY-ST</b>	position fixation points <b>LG-BG</b>	reference new
12	2	76	9	29	234			40-10	<a href="#">135TA5537</a>
	2	76	9	29	260			50-20	<a href="#">135TA5265</a>
24	2	82,5	11	40	340			55-25	<a href="#">135TA5292</a>





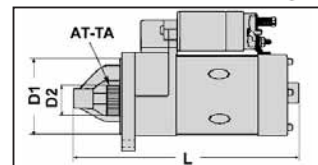
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STARTERS

used for: **HELI**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	82	8	28	190			40-10	<a href="#">135TA5219</a>
	2	82	9	29	210	V	V	40-10	<a href="#">135TA5216</a>
	2	82,5	9	29	195		V	35-05	<a href="#">135TA5214</a>
	2	82,5	9	33,5	220	V	V	40-10	<a href="#">135TA5493</a>
	2	95	9	32	235		V	40-10	<a href="#">135TA5159</a>
	2	95	9	32,5	225		V	35-05	<a href="#">135TA5631</a>
24	3	105	11	40	357		V	35-50-10	<a href="#">136TA3484</a>

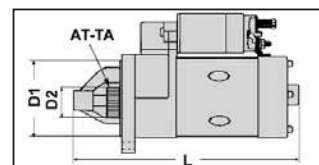


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STARTERS

used for: **HYSTER**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
6	3	88,5	9	36	322			30-45-60	<a href="#">106TA8294</a>
	3	88,5	10	40	327			30-45-60	<a href="#">106TA8286</a>
	3	88,5	13	46	362			30-45-60	<a href="#">106TA8290</a>
12	2	55	9	29	210		V	45-10	<a href="#">135TA5434</a>
	2	55	10	32	210		V	50-20	<a href="#">135TA5351</a>
	2	68	11	30	232				<a href="#">135TA5522</a>
	2	70	9	29	220			55-25	<a href="#">135TA5372</a>
	2	73,2	11	33,5	178	V	V	40-10	<a href="#">135TA5620</a>
	2	73,7	12	37	240			40-10	<a href="#">135TA5429</a>
	2	74	8	28	188			40-10	<a href="#">116TA7116</a>
	2	74	8	28	194			40-10	<a href="#">107TA9584</a>
	2	74	9	28,8	187,5		V	50-15	<a href="#">119TA7526</a>



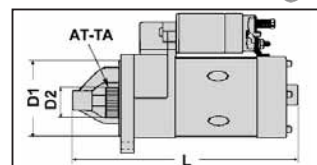
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STARTERS

used for: **HYSTER**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	74	9	29	190	V	V	50-20	<a href="#">135TA5353</a>
	2	74	9	29	215			45-10	<a href="#">135TA5396</a>
	2	74	9	29	250			55-25	<a href="#">135TA5249</a>
	2	76,5	11	33,5	176	V	V	40-10	<a href="#">135TA5623</a>
	2	77	8	28,3	185			40-10	<a href="#">135TA5552</a>
	2	77	10	31	210			40-10	<a href="#">135TA5337</a>
	2	80	9	29	210			40-10	<a href="#">135TA5163</a>
	2	82	8	28	190			40-10	<a href="#">136TA3475</a>
	2	82	9	24	239	V		55-25	<a href="#">135TA5548</a>
	2	82	9	25	213			55-20	<a href="#">135TA5483</a>
	2	82	10	39	305	V		35-05	<a href="#">135TA5091</a>
	2	82,5	9	25	285	V		55-25	<a href="#">105TA5136</a>

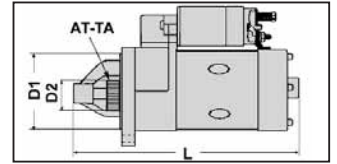


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STARTERS

used for: **HYSTER**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	82,5	9	29	195		V	35-05	<a href="#">136TA3472</a>
	2	82,5	9	29	230			55-25	<a href="#">116TA7147</a>
	2	82,5	9	29	233			35-05	<a href="#">135TA5550</a>
	2	82,5	9	30	320			40-10	<a href="#">136TA3498</a>
	2	82,5	9	35	210		V	50-20	<a href="#">135TA5225</a>
	2	82,5	9	35	225		V	55-25	<a href="#">135TA5217</a>
	2	82,5	10	38	258	V	V	55-25	<a href="#">135TA5393</a>
	2	82,5	10	38,5	288			50-20	<a href="#">124TA6142</a>
	2	82,5	10	40	220		V	40-15	<a href="#">135TA5317</a>
	2	82,5	11	34	230		V	55-25	<a href="#">135TA5235</a>
	2	89	10	40	220		V	40-10	<a href="#">135TA5101</a>
	2	89	10	40	250	V	V	40-10	<a href="#">124TA6152</a>





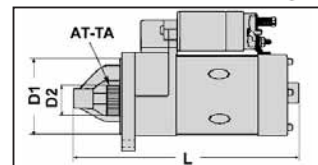
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used for: **HYSTER**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	89	10	40	290		V	40-10	<a href="#">136TA8302</a>
	2	89	10	40,3	300		V	50-20	<a href="#">135TA5562</a>
	2	89	13	39	295	V	V	50-20	<a href="#">135TA5605</a>
	2	89,6	11	40	295	V	V	40-10	<a href="#">135TA5423</a>
	2	90	11	40	290	V	V	45-10	<a href="#">135TA5330</a>
	2	95	9	32	235		V	40-10	<a href="#">103TA3198</a>
	2	95	9	32	235		V	35-05	<a href="#">105TA5147</a>
	2	95	9	32,5	230		V	40-10	<a href="#">106TA8275</a>
	2	95	9	35	224		V	50-20	<a href="#">135TA5425</a>
	2	95	9	35	228		V	35-05	<a href="#">135TA5584</a>
	2	95	11	38	292		V	40-10	<a href="#">135TA5283</a>
	2	95	11	43,2	317		V	45-15	<a href="#">135TA5505</a>

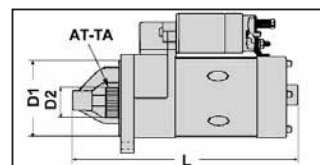


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STARTERS

used for: **HYSTER**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	104	9	25	290			35-05	<a href="#">135TA5112</a>
	3	74	9	29	210		V	40-50-10	<a href="#">135TA5097</a>
	3	74	9	29	230		V	40-50-10	<a href="#">135TA5099</a>
	3	76	9	25	296			05-15-25	<a href="#">107TA9596</a>
	3	88	10	39,5	340	V		35-50-05	<a href="#">103TA3182</a>
	3	88,5	9	29	225		V	40-55-10	<a href="#">135TA5103</a>
	3	88,5	9	29	305			30-45-60	<a href="#">136TA3461</a>
	3	88,5	9	29	310			35-50-05	<a href="#">116TA7108</a>
	3	88,5	9	34	295			35-50-05	<a href="#">135TA5190</a>
	3	88,5	9	36	305			35-50-05	<a href="#">136TA3462</a>
	3	88,5	10	38	310	V		35-50-05	<a href="#">135TA5144</a>
	3	88,5	10	39	305	V		55-10-25	<a href="#">105TA5146</a>



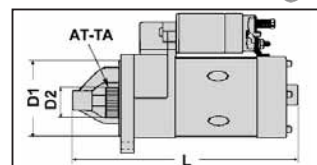
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used for: **HYSTER**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	88,5	10	39	310			35-50-05	<a href="#">135TA5111</a>
	3	88,5	10	39	340	V	V	35-50-10	<a href="#">135TA5326</a>
	3	88,5	10	39	345	V		35-50-05	<a href="#">105TA5144</a>
	3	88,5	10	40	290		V	40-55-10	<a href="#">135TA5100</a>
	3	88,5	10	40	305	V		35-50-05	<a href="#">116TA7106</a>
	3	88,5	10	40	310	V		35-50-05	<a href="#">135TA5113</a>
	3	88,5	10	40	340		V	55-10-20	<a href="#">103TA3199</a>
	3	88,5	10	40	345	V		35-50-05	<a href="#">135TA5379</a>
	3	88,5	12	46	345			55-10-25	<a href="#">105TA5859</a>
	3	88,7	10	39	405			50-05-25	<a href="#">105TA5131</a>
	3	88,7	10	39,5	309,2			40-55-10	<a href="#">136TA3507</a>
	3	88,8	10	40	285	V	V	40-55-10	<a href="#">105TA5886</a>



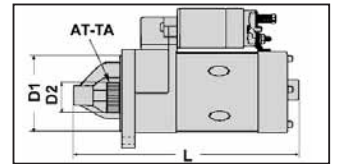


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used for: **HYSTER**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	88,8	13	45,5	307			40-55-10	<a href="#">135TA5462</a>
	3	89	9	29	305			35-50-05	<a href="#">105TA5142</a>
	3	89	10	39	310			50-10-20	<a href="#">135TA5124</a>
	3	89	10	39	350	V		55-10-25	<a href="#">103TA3404</a>
	3	89	10	39	360			40-55-10	<a href="#">116TA7078</a>
	3	89	10	40	290		V	55-10-25	<a href="#">135TA5094</a>
	3	89	10	40	340		V	55-10-25	<a href="#">103TA3154</a>
	3	89	10	40	341	V	V	55-10-25	<a href="#">106TA8317</a>
	3	89	10	40,5	293		V	40-55-10	<a href="#">136TA3546</a>
	3	89	13	45,7	307			55-10-25	<a href="#">135TA5362</a>
	3	89,5	10	32	305	V		55-10-25	<a href="#">105TA5141</a>
	3	91,8	12	46,5	475			35-50-10	<a href="#">107TA9613</a>



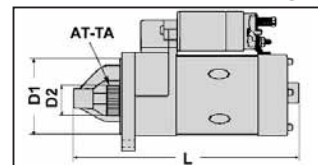
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used for: **HYSTER**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	92	10	39	308			50-10-25	<a href="#">135TA5346</a>
	3	92	11	56	530			50-10-25	<a href="#">105TA5132</a>
	3	92	12	46	460			35-50-10	<a href="#">103TA3191</a>
	3	100	13	51	240		V	50-05-20	<a href="#">105TA5145</a>
	3	100	13	51	275		V	55-10-25	<a href="#">135TA5302</a>
24	2	82	11	41	250	V	V	40-10	<a href="#">136TA3468</a>
	2	82,5	10	38	288		V	50-20	<a href="#">135TA5293</a>
	2	82,5	10	39	290		V	40-10	<a href="#">135TA5298</a>
	2	89	10	40	295		V	50-20	<a href="#">135TA5517</a>
	2	89,6	9	31,5	284		V	50-20	<a href="#">106TA8263</a>
	2	90	9	32	315			55-25	<a href="#">105TA5140</a>
	2	90	11	40	295	V	V	45-10	<a href="#">135TA5243</a>

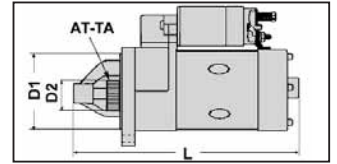


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STARTERS

used for: **HYSTER**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
24	2	105	11	40	295		V	50-20	<a href="#">135TA5237</a>
	2	105	11	40	295		V	40-10	<a href="#">135TA5177</a>
	3	88,5	10	40	341		V	55-10-20	<a href="#">135TA5534</a>
	3	88,8	10	39	340			35-55-05	<a href="#">135TA5588</a>
	3	88,8	10	39,5	401			50-05-20	<a href="#">135TA5507</a>
	3	92	11	55,5	414	V	V	45-05-25	<a href="#">135TA5541</a>
	3	92	12	46	407			50-05-25	<a href="#">136TA3563</a>
	3	92	12	46	458			50-05-25	<a href="#">105TA5139</a>
	3	105	11	40	370			40-55-10	<a href="#">135TA5267</a>



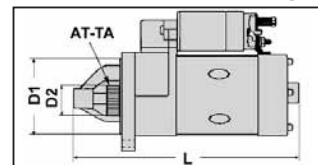
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STARTERS

used for: **HYUNDAI**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	77	8	26	188			40-10	<a href="#">124TA6208</a>
	2	77	8	27	220			40-10	<a href="#">135TA5593</a>
	2	77	10	31	210			40-10	<a href="#">124TA6158</a>
	2	81,5	11	39	307			55-25	<a href="#">136TA3533</a>
	2	82	8	28	190			40-10	<a href="#">108TA8856</a>
	2	82,5	9	33,5	220	V	V	40-10	<a href="#">135TA5492</a>
	2	89	10	40	187		V	50-20	<a href="#">105TA5125</a>
	2	89	10	40	225		V	50-20	<a href="#">135TA5110</a>
	2	89	10	40	290		V	40-10	<a href="#">107TA9582</a>
	2	95	9	32	210		V	40-10	<a href="#">135TA5496</a>
	2	95	9	32	235		V	40-10	<a href="#">106TA8362</a>
	2	95	9	35	228		V	35-05	<a href="#">116TA7163</a>



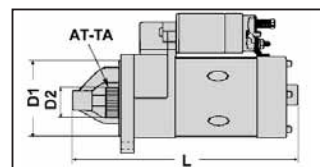


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STARTERS

used for: **HYUNDAI**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	95	11	38	292		V	40-10	<a href="#">105TA5127</a>
	3	90	13	39	295		V	50-05-15	<a href="#">135TA5389</a>
	3	100	9	34,8	239		V	40-55-10	<a href="#">135TA5514</a>
24	2	82,5	10	38,5	253	V	V	55-25	<a href="#">136TA3557</a>
	2	95	11	40	275		V	40-10	<a href="#">107TA9555</a>
	2	105	11	40	295		V	40-10	<a href="#">105TA5128</a>
	3	60	9	35	240		V	40-60-10	<a href="#">136TA3502</a>
	3	88,4	9	33,5	345,5			35-55-05	<a href="#">116TA7236</a>
	3	88,7	10	32	340	V	V	50-10-20	<a href="#">136TA3487</a>
	3	88,8	10	39,5	401			50-05-20	<a href="#">135TA5508</a>
	3	92	11	56	480			35-55-15	<a href="#">124TA6063</a>
	3	105	11	40	345		V	35-50-10	<a href="#">105TA5123</a>



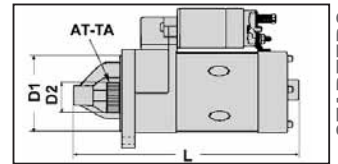
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STARTERS

used for: **IRISMAN**



voltage (volt) <b>U</b>	number of fixation points <b>AT-BG</b>	flange dia. (mm) <b>D1</b>	number of teeth <b>AT-TA</b>	gear dia. (mm) <b>D2</b>	total length (mm) <b>L</b>	wet clutch <b>OLIED</b>	reductor <b>TY-ST</b>	position fixation points <b>LG-BG</b>	reference new
12	2	82,5	9	29	195		V	35-05	<a href="#">135TA5213</a>



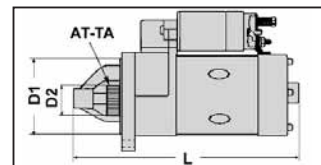
**REF [135TA5213](#)**

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STARTERS

used for: **JCB**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	74	9	29	210			40-10	<a href="#">135TA5472</a>
	2	89	13	39	295	V	V	50-20	<a href="#">135TA5607</a>
	3	88,5	10	39,5	277			40-50-10	<a href="#">135TA5572</a>
	3	88,7	10	39,5	309,2			40-55-10	<a href="#">136TA3509</a>
	3	88,8	10	40,4	270			35-55-10	<a href="#">135TA5637</a>
	3	88,8	11	41,4	347			35-05-20	<a href="#">135TA5608</a>
	3	89	10	32	340		V	55-05-20	<a href="#">135TA5324</a>
	3	101,4	10	39,6	308	V		55-10-25	<a href="#">135TA5640</a>
24	2	95	9	35	246		V	35-05	<a href="#">136TA3569</a>
	2	95	9	35	312			35-05	<a href="#">135TA5384</a>
	3	91,5	12	45,8	414			30-50-10	<a href="#">136TA3567</a>
	3	105	11	40	345		V	35-50-10	<a href="#">135TA5385</a>





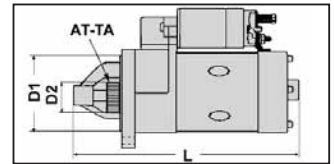
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STARTERS

used for: **JLG**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	66	9	29	195		V	40-10	<a href="#">136TA3465</a>
	2	80	8	28	192			35-05	<a href="#">135TA5474</a>
	2	82,5	9	34	255			35-05	<a href="#">135TA5465</a>
	2	82,5	9	35	290			50-20	<a href="#">135TA5359</a>
	3	82	11	35	292			30-35-05	<a href="#">135TA5370</a>
	3	88,4	10	39,2	306	V		50-10-20	<a href="#">135TA5512</a>
24	2	82,5	9	34	319			35-05	<a href="#">136TA3561</a>

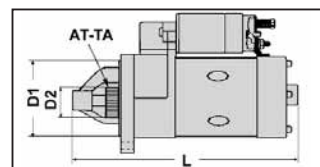


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used for: **JUNGHEINRICH-STEINBOCK**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	68	11	0	233				<a href="#">135TA5587</a>
	2	68	11	29	245				<a href="#">135TA5519</a>
	2	73,7	12	37	240			40-10	<a href="#">135TA5431</a>
	2	74	8	28	188			40-10	<a href="#">105TA5157</a>
	2	74	8	28	194			40-10	<a href="#">135TA5402</a>
	2	74	9	29	215			45-10	<a href="#">106TA8385</a>
	2	74	9	30	188			40-10	<a href="#">135TA5367</a>
	2	74	11	34	228		V	45-15	<a href="#">116TA7177</a>
	2	74	13	38	248		V	45-10	<a href="#">116TA7180</a>
	2	76	9	33	284			35-05	<a href="#">135TA5526</a>
	2	77	13	41	240		V	55-25	<a href="#">135TA5308</a>
	2	82	8	28	190			40-10	<a href="#">124TA6118</a>



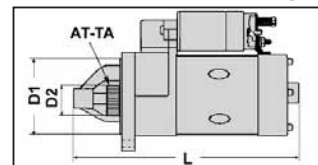
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used for: **JUNGHEINRICH-STEINBOCK**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	82	10	31	278	V		40-10	<a href="#">135TA5530</a>
	2	82,5	9	25	275	V		50-20	<a href="#">135TA5261</a>
	2	82,5	9	25	292				<a href="#">135TA5439</a>
	2	82,5	9	30	291			55-25	<a href="#">105TA5152</a>
	2	82,5	10	38	258	V	V	55-25	<a href="#">135TA5395</a>
	2	95	9	32	305			40-10	<a href="#">111TA1184</a>
	3	74	9	29	210		V	40-50-10	<a href="#">135TA5369</a>
	3	76	10	26,5	240			50-10-20	<a href="#">116TA7237</a>
	3	76	10	26,5	243			40-55-10	<a href="#">106TA8391</a>
	3	82,5	9	25	320			40-55-20	<a href="#">135TA5471</a>
	3	88,5	9	29	252			40-50-05	<a href="#">116TA7197</a>
	3	88,5	10	39	335			55-15-25	<a href="#">105TA5254</a>

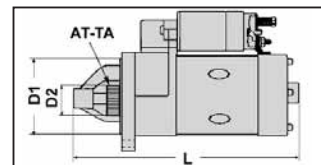


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used for: **JUNGHEINRICH-STEINBOCK**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	89	10	27	252			40-50-05	<a href="#">135TA5479</a>
	3	89	13	45,7	307			55-10-25	<a href="#">135TA5363</a>
	3	89	13	46	308			40-55-10	<a href="#">116TA7206</a>
	3	100	12	48	305			55-10-25	<a href="#">105TA5154</a>
	3	100	13	51	240		V	50-05-20	<a href="#">105TA5160</a>
	3	100	13	51	264		V	55-10-25	<a href="#">105TA5149</a>
	3	100	13	51	265		V	55-10-25	<a href="#">105TA5150</a>
	3	100	13	51	275		V	55-10-25	<a href="#">105TA5158</a>
24	2	105	11	40	346			40-10	<a href="#">106TA8401</a>
	3	92	12	45	365			40-60-20	<a href="#">135TA5289</a>





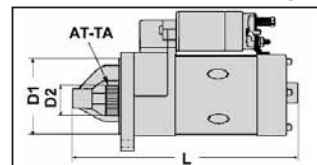
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STARTERS

used for: **KALMAR**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	82	11	35	292			30-35-05	<a href="#">105TA5169</a>
	3	88,8	10	39,8	367,5			50-05-20	<a href="#">135TA5461</a>
	3	89	10	40	347			50-10-25	<a href="#">136TA3554</a>
	3	89	13	45,7	307			55-10-25	<a href="#">116TA7208</a>
	3	89,5	10	38	339			55-10-25	<a href="#">135TA5420</a>
24	2	89	10	40	295		V	50-20	<a href="#">136TA3526</a>
	3	88,5	11	40	385			50-10-25	<a href="#">103TA3482</a>
	3	88,5	11	40	405			50-10-25	<a href="#">107TA9570</a>
	3	88,7	11	40,7	404			50-05-25	<a href="#">105TA5167</a>
	3	89	9	34	338			35-50-05	<a href="#">116TA7218</a>
	3	89	9	34	340			35-50-10	<a href="#">124TA6132</a>
	3	89	9	34	345			35-50-10	<a href="#">135TA5286</a>

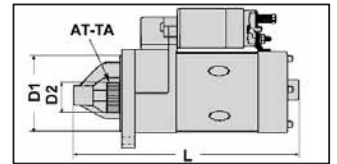


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used for: **KALMAR**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
24	3	89	9	34	385			55-05-20	<a href="#">136TA3499</a>
	3	89	10	40,4	294,5		V	40-55-10	<a href="#">135TA5639</a>
	3	89	11	39,3	295	V	V	40-50-20	<a href="#">135TA5577</a>
	3	89	12	43	321	V		35-50-05	<a href="#">135TA5641</a>
	3	92	11	55	358			45-05-25	<a href="#">135TA5576</a>
	3	92	11	56	496			35-55-15	<a href="#">136TA3545</a>



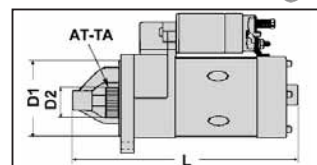
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used for: **KOMATSU**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	68	11	0	233				<a href="#">135TA5586</a>
	2	70	8	29	215			30-05	<a href="#">105TA5196</a>
	2	70	9	26	238			50-15	<a href="#">106TA8337</a>
	2	70	9	29	220			55-25	<a href="#">105TA5174</a>
	2	73,7	12	37	240			40-10	<a href="#">105TA5222</a>
	2	74	9	29	190	V	V	50-20	<a href="#">105TA5223</a>
	2	74	9	29	215			45-10	<a href="#">106TA8383</a>
	2	74	9	29	230			55-25	<a href="#">116TA7151</a>
	2	74	9	29	250			55-25	<a href="#">135TA5251</a>
	2	74	13	38	248		V	45-10	<a href="#">106TA8321</a>
	2	77	8	28	183			40-10	<a href="#">136TA3471</a>
	2	77	11	34	220		V	40-10	<a href="#">136TA3470</a>



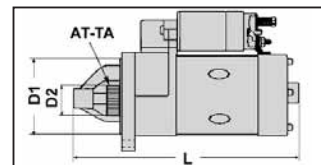


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used for: **KOMATSU**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	80	8	28	192			35-05	<a href="#">136TA3523</a>
	2	80	9	29	210			40-10	<a href="#">105TA5185</a>
	2	82	8	27	185			35-05	<a href="#">106TA5116</a>
	2	82	8	28	190			40-10	<a href="#">105TA5217</a>
	2	82	8	29	210			55-25	<a href="#">116TA7140</a>
	2	82	8	29	235			40-10	<a href="#">135TA5230</a>
	2	82	9	29	210	V	V	40-10	<a href="#">124TA6113</a>
	2	82	9	29	232			40-10	<a href="#">135TA5342</a>
	2	82	9	29	260			50-20	<a href="#">105TA5199</a>
	2	82	9	29	313			55-25	<a href="#">105TA5192</a>
	2	82,5	9	29	195		V	35-05	<a href="#">106TA5128</a>
	2	82,5	9	29	221,5			55-25	<a href="#">105TA5221</a>



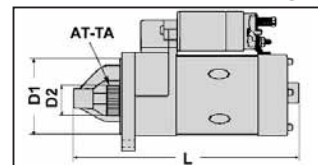
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used for: **KOMATSU**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	82,5	9	29	230			55-25	<a href="#">105TA5215</a>
	2	82,5	9	34	210		V	40-10	<a href="#">105TA5214</a>
	2	82,5	9	35	210		V	50-20	<a href="#">116TA7137</a>
	2	82,5	9	35	225		V	55-25	<a href="#">105TA5220</a>
	2	82,5	9	35	245		V	35-05	<a href="#">106TA8320</a>
	2	82,5	9	35	285			35-05	<a href="#">106TA5130</a>
	2	82,5	11	34	225		V	35-05	<a href="#">105TA5202</a>
	2	83,3	9	29,2	210		V	35-05	<a href="#">135TA5453</a>
	2	88,5	9	29	220			40-10	<a href="#">107TA9576</a>
	2	89	10	40	187		V	50-20	<a href="#">116TA7099</a>
	2	94,5	9	32,5	230		V	40-10	<a href="#">107TA9609</a>
	2	95	9	29	220			40-05	<a href="#">105TA5180</a>

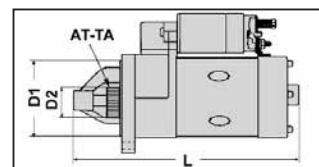


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used for: **KOMATSU**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	95	9	32	210		V	40-10	<a href="#">105TA5187</a>
	2	95	9	32	210		V	40-10	<a href="#">105TA5175</a>
	2	95	9	32	210		V	35-05	<a href="#">103TA3217</a>
	2	95	9	32	230		V	40-10	<a href="#">105TA5219</a>
	2	95	9	32	230		V	40-10	<a href="#">107TA9579</a>
	2	95	9	32	233		V	40-10	<a href="#">135TA5336</a>
	2	95	9	32	235		V	40-10	<a href="#">105TA5863</a>
	2	95	9	32	235		V	35-05	<a href="#">105TA5182</a>
	2	95	9	32	285			40-10	<a href="#">136TA3463</a>
	2	95	9	32	285			40-10	<a href="#">105TA5186</a>
	2	95	9	32	305			40-10	<a href="#">105TA5209</a>
	2	95	9	32	315		V	40-10	<a href="#">105TA5207</a>



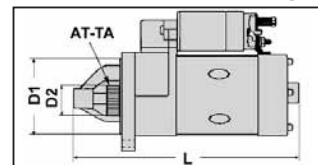
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STARTERS

used for: **KOMATSU**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	95	9	32	317	V	V	40-10	<a href="#">105TA5173</a>
	2	95	9	32	321,5	V	V	40-10	<a href="#">105TA5195</a>
	2	95	9	32,5	188		V	40-10	<a href="#">116TA7235</a>
	2	95	9	32,5	230		V	40-10	<a href="#">106TA8276</a>
	2	95	9	35	224		V	50-20	<a href="#">106TA5126</a>
	2	95	9	35	228		V	35-05	<a href="#">124TA6137</a>
	2	95	9	35,5	222			40-10	<a href="#">105TA5190</a>
	2	95	11	34	188	V	V	40-10	<a href="#">106TA8249</a>
	2	95	11	38	292		V	40-10	<a href="#">119TA7502</a>
	2	95	11	38,2	295	V	V	40-10	<a href="#">105TA5203</a>
	2	95	15	44	233,5		V	35-05	<a href="#">136TA3520</a>
	2	95	15	44	290		V	40-10	<a href="#">136TA3535</a>



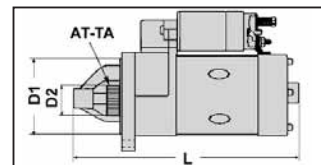


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STARTERS

used for: **KOMATSU**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	74	9	29	210		V	40-50-10	<a href="#">106TA8298</a>
	3	76	10	26,5	240			50-10-20	<a href="#">135TA5433</a>
	3	82	11	29	225			35-50-05	<a href="#">116TA7094</a>
	3	82,5	10	27	260			35-50-05	<a href="#">116TA7100</a>
	3	88,5	9	29	252			40-50-05	<a href="#">106TA8310</a>
	3	88,5	10	39	335			55-15-25	<a href="#">106TA8338</a>
	3	88,7	10	39,5	309,2			40-55-10	<a href="#">124TA6168</a>
	3	88,7	10	39,5	334			40-55-25	<a href="#">105TA5860</a>
	3	89	10	39	225	V	V	40-55-10	<a href="#">124TA6091</a>
	3	89	10	39	310			50-10-20	<a href="#">106TA8375</a>
	3	89	10	39	360			40-55-10	<a href="#">106TA8379</a>
	3	89	10	40	339,3			50-05-20	<a href="#">135TA5487</a>



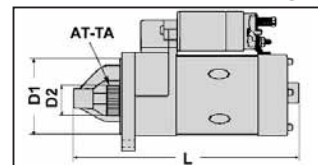
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used for: **KOMATSU**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	89	13	45,7	307			55-10-25	<a href="#">106TA8303</a>
	3	89	13	46	308			40-55-10	<a href="#">136TA3500</a>
	3	92	10	39	308			50-10-25	<a href="#">107TA9565</a>
	3	92	10	39	310			50-10-20	<a href="#">106TA8357</a>
	3	92	12	46	460			35-50-10	<a href="#">106TA8363</a>
	3	100	13	51	240		V	50-05-20	<a href="#">116TA7171</a>
	3	105	11	40	295		V	35-50-10	<a href="#">105TA5183</a>
	3	105	11	40	340	V	V	35-50-05	<a href="#">105TA5218</a>
	3	110	9	34	295			35-50-05	<a href="#">116TA7095</a>
	3	110	9	34	295			50-05-20	<a href="#">116TA7103</a>
	3	110	9	34,5	338			35-50-05	<a href="#">116TA7217</a>
24	2	82,5	9	35	242		V	35-05	<a href="#">116TA7125</a>

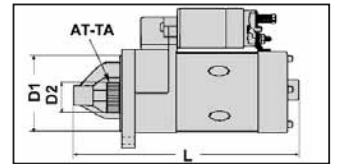


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STARTERS

used for: **KOMATSU**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
24	2	89	10	40	295		V	50-20	<a href="#">106TA8398</a>
	2	94,5	9	35	329		V	40-10	<a href="#">135TA5516</a>
	2	95	9	32,5	230		V	40-10	<a href="#">106TA5125</a>
	2	95	9	35	312			35-05	<a href="#">105TA5178</a>
	2	95	9	35	325		V	40-10	<a href="#">103TA3422</a>
	2	95	9	35	330		V	40-10	<a href="#">105TA5204</a>
	2	95	9	35	330		V	40-10	<a href="#">105TA5862</a>
	2	95	9	35	333		V	40-10	<a href="#">107TA9598</a>
	2	100	12	45	266		V	45-15	<a href="#">135TA5325</a>
	2	104,7	11	40,3	375		V	40-10	<a href="#">107TA9615</a>
	2	105	11	40	295		V	40-10	<a href="#">135TA5179</a>
	2	105	11	40	330		V	40-10	<a href="#">105TA5208</a>





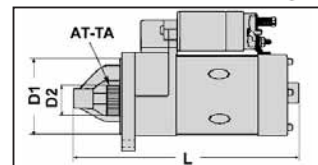
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used for: **KOMATSU**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
24	2	105	11	40	338		V	40-10	<a href="#">105TA5200</a>
	2	105	11	40	338		V	40-10	<a href="#">103TA3518</a>
	3	88,5	10	37,5	316,5		V	50-05-25	<a href="#">135TA5497</a>
	3	88,8	10	39	340			35-55-05	<a href="#">135TA5590</a>
	3	92	10	40	315	V	V	30-50-10	<a href="#">135TA5609</a>
	3	92	11	0	450			35-55-10	<a href="#">107TA9601</a>
	3	92	11	56	410		V	35-50-10	<a href="#">105TA5211</a>
	3	92	12	45	412		V	30-50-10	<a href="#">105TA5205</a>
	3	99,5	12	46	368			35-50-10	<a href="#">106TA8403</a>
	3	100	13	40	370			35-50-10	<a href="#">106TA8402</a>
	3	100	13	46	363			35-50-10	<a href="#">105TA5210</a>
	3	100	13	46	365			35-50-10	<a href="#">105TA5193</a>

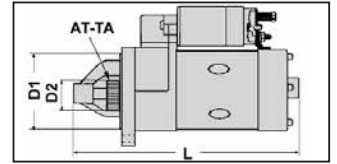


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used for: **KOMATSU**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
24	3	100	13	46	370		V	35-50-10	<a href="#">103TA3491</a>
	3	100	13	46	410		V	35-50-10	<a href="#">105TA5213</a>
	3	100	13	46	455		V	35-50-10	<a href="#">105TA5212</a>
	3	100	13	46,5	445			50-10-25	<a href="#">135TA5451</a>
	3	104,7	11	40,3	345		V	40-50-10	<a href="#">107TA9616</a>
	3	105	11	40	305		V	35-50-05	<a href="#">105TA5179</a>
	3	105	11	40	345		V	35-50-05	<a href="#">124TA6085</a>
	3	105	11	40	345		V	35-50-10	<a href="#">124TA6178</a>
	3	105	11	40	346		V	35-55-10	<a href="#">105TA5188</a>
	3	105	11	40	346			35-50-05	<a href="#">116TA7169</a>
	3	105	11	40	351			30-55-05	<a href="#">105TA5189</a>
	3	105	11	40	365			35-50-10	<a href="#">105TA5198</a>



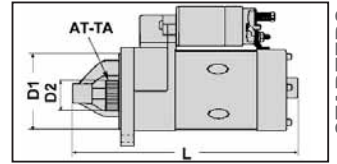
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used for: **KOMATSU**



voltage (volt) <b>U</b>	number of fixation points <b>AT-BG</b>	flange dia. (mm) <b>D1</b>	number of teeth <b>AT-TA</b>	gear dia. (mm) <b>D2</b>	total length (mm) <b>L</b>	wet clutch <b>OLIED</b>	reductor <b>TY-ST</b>	position fixation points <b>LG-BG</b>	reference new
24	3	105	11	40,5	287		V	30-55-10	<a href="#">135TA5502</a>
	3	121,5	11	48,3	450			50-05-25	<a href="#">107TA9603</a>



**REF 135TA5502**



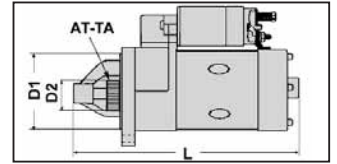
**REF 107TA9603**

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STARTERS

used for: **KOOI AAP**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	65,8	9	29,2	189			40-10	<a href="#">135TA5444</a>
	2	66	9	29	195		V	40-10	<a href="#">124TA6092</a>
	2	66	9	29,3	208			40-10	<a href="#">135TA5405</a>



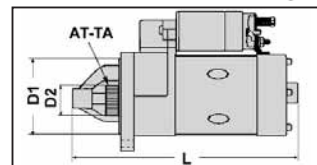
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used for: **LINDE-LANSING**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	73,7	12	37	240			40-10	<a href="#">135TA5428</a>
	2	74	13	38	248		V	45-10	<a href="#">135TA5304</a>
	2	76	9	25	256			35-05	<a href="#">106TA8388</a>
	2	76	9	25	265			35-05	<a href="#">106TA8356</a>
	2	76	10	27	257			50-20	<a href="#">135TA5630</a>
	2	76	10	27,6	257			50-20	<a href="#">135TA5473</a>
	2	76	10	27,8	244			55-25	<a href="#">136TA3544</a>
	2	76	11	28,8	239			55-25	<a href="#">136TA3564</a>
	2	77	8	28	183			40-10	<a href="#">124TA6106</a>
	2	77	8	28	190			40-10	<a href="#">124TA6096</a>
	2	77	10	31	210			40-10	<a href="#">107TA9406</a>
	2	77	11	34	220		V	40-10	<a href="#">124TA6104</a>



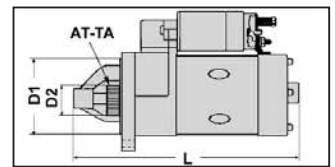


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used for: **LINDE-LANSING**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	82	8	28	190			40-10	<a href="#">111TA1181</a>
	2	82	9	29	210	V	V	40-10	<a href="#">124TA6112</a>
	2	82	9	29	280			50-20	<a href="#">106TA8373</a>
	2	82,5	9	25	255			55-25	<a href="#">106TA8340</a>
	2	82,5	9	29	195		V	35-05	<a href="#">124TA6108</a>
	2	82,5	9	35	210		V	50-20	<a href="#">124TA6120</a>
	2	89	10	40	187		V	50-20	<a href="#">135TA5134</a>
	2	95	9	32,5	188		V	40-10	<a href="#">136TA3517</a>
	2	95	9	35	228		V	35-05	<a href="#">124TA6135</a>
	3	65	10	27	262			40-55-05	<a href="#">109TA5992</a>
	3	65	13	32	190			35-50-05	<a href="#">135TA5386</a>
	3	67	9	25	197			55-10-25	<a href="#">136TA8303</a>





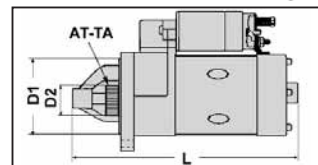
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used for: **LINDE-LANSING**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	82	9	25	265			35-05-20	<a href="#">105TA5236</a>
	3	82	11	29	225			35-50-05	<a href="#">135TA5129</a>
	3	82,5	9	25	223			55-10-25	<a href="#">106TA8266</a>
	3	82,5	9	25	225			35-05-20	<a href="#">106TA8376</a>
	3	82,5	9	25	225			35-05-20	<a href="#">116TA7164</a>
	3	82,5	10	27	260			35-50-05	<a href="#">135TA5135</a>
	3	88,4	10	39,2	306	V		50-10-20	<a href="#">135TA5511</a>
	3	88,5	9	29	305			30-45-60	<a href="#">105TA5232</a>
	3	88,5	9	34	295			35-50-05	<a href="#">105TA5235</a>
	3	88,5	9	34	295			50-05-20	<a href="#">124TA6176</a>
	3	88,5	9	34	302,5			40-50-10	<a href="#">135TA5538</a>
	3	88,5	10	39	277			55-10-25	<a href="#">136TA3531</a>

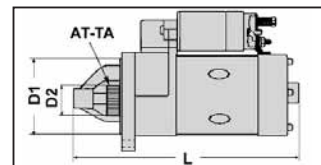


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used for: **LINDE-LANSING**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	88,5	10	40	295			55-10-20	<a href="#">106TA8335</a>
	3	88,6	9	29,5	290,5			55-10-25	<a href="#">124TA6188</a>
	3	88,7	10	39,5	309,2			40-55-10	<a href="#">136TA3508</a>
	3	88,8	10	40	315			50-10-25	<a href="#">135TA5486</a>
	3	89	9	29	288			55-10-25	<a href="#">124TA6181</a>
	3	89	9	34	345			40-50-05	<a href="#">106TA8395</a>
	3	89	10	39	310			50-10-20	<a href="#">105TA5231</a>
	3	89	10	40	339,3			50-05-20	<a href="#">135TA5490</a>
	3	89	13	45,7	307			55-10-25	<a href="#">105TA5228</a>
	3	92	10	39	308			50-10-25	<a href="#">116TA7199</a>
	3	92	10	39	310			50-10-20	<a href="#">135TA5189</a>
	3	92	11	39	305			40-55-10	<a href="#">116TA7166</a>



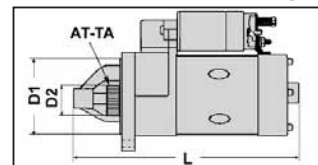
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used for: **LINDE-LANSING**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	110	9	34	295			35-50-05	<a href="#">135TA5130</a>
	3	110	9	34	295			50-05-20	<a href="#">135TA5141</a>
	3	110	9	34	340			35-50-05	<a href="#">135TA5137</a>
	3	110	9	34,5	338			35-50-05	<a href="#">135TA5375</a>
24	0	55	9	34	420				<a href="#">106TA8393</a>
	2	89	10	40	295		V	50-20	<a href="#">124TA6201</a>
	3	88,5	10	40	316	V	V	55-10-25	<a href="#">135TA5569</a>
	3	88,5	11	40	385			50-10-25	<a href="#">136TA3496</a>
	3	88,7	11	40,7	404			50-05-25	<a href="#">136TA3506</a>
	3	89	9	34	338			35-50-05	<a href="#">106TA8278</a>
	3	89	9	34	340			35-50-10	<a href="#">124TA6134</a>
	3	89	9	34	345			35-50-10	<a href="#">106TA8331</a>

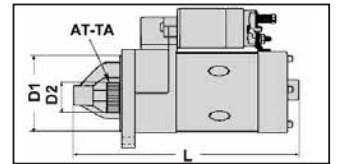


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used for: **LINDE-LANSING**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
24	3	89	11	40	385			40-55-20	<a href="#">106TA8307</a>
	3	89	11	41	385		V	40-55-05	<a href="#">136TA3495</a>
	3	92	11	55	358			45-05-25	<a href="#">135TA5575</a>
	3	105	11	40,5	287		V	30-55-10	<a href="#">135TA5504</a>
	3	110	9	34,2	372			35-50-05	<a href="#">135TA5407</a>



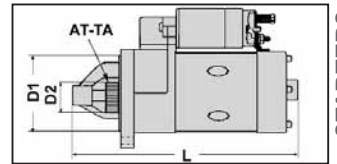
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used for: **LUGLI**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	95	9	32	235		V	40-10	<a href="#">135TA5155</a>
	3	88,5	10	39	306			40-55-10	<a href="#">107TA9417</a>
	3	88,5	10	39,5	277			40-50-10	<a href="#">135TA5573</a>
	3	89	10	39	310			50-10-20	<a href="#">105TA5241</a>



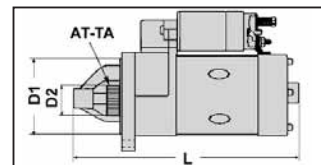


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STARTERS

used for: **MANITOU**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	73,7	12	37	240			40-10	<a href="#">108TA4262</a>
	2	74	9	29	215			45-10	<a href="#">106TA8384</a>
	2	74	9	29	250			55-25	<a href="#">135TA5252</a>
	2	74	13	38	248		V	45-10	<a href="#">103TA3436</a>
	2	82,5	9	29	230			55-25	<a href="#">135TA5246</a>
	2	82,5	9	35	290			50-20	<a href="#">135TA5360</a>
	2	82,5	10	38	315			35-05	<a href="#">106TA5127</a>
	2	83	10	39	320			40-10	<a href="#">107TA9614</a>
	2	90	11	40	290	V	V	45-10	<a href="#">135TA5333</a>
	3	66	9	25	197			40-55-10	<a href="#">135TA5515</a>
	3	82	11	35	292			30-35-05	<a href="#">116TA7212</a>
	3	88	10	39	307	V		35-50-10	<a href="#">103TA3570</a>





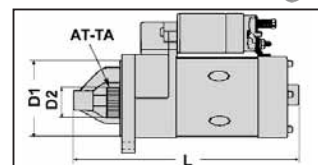
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STARTERS

used for: **MANITOU**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	88,5	9	34	295			35-50-05	<a href="#">135TA5193</a>
	3	88,5	10	39	277			55-10-25	<a href="#">135TA5566</a>
	3	88,5	10	39	306			40-55-10	<a href="#">107TA9416</a>
	3	88,5	10	39,5	277			40-50-10	<a href="#">135TA5571</a>
	3	88,7	9	34	324			40-50-10	<a href="#">106TA8389</a>
	3	88,7	10	39,5	309,2			40-55-10	<a href="#">111TA1906</a>
	3	89	10	28	232			55-10-25	<a href="#">135TA5602</a>
	3	89	10	39	310			50-10-20	<a href="#">135TA5126</a>
	3	89	10	39	330			55-05-20	<a href="#">106TA8386</a>
	3	89	10	40	339,3			50-05-20	<a href="#">135TA5489</a>
	3	89	11	40	315			40-05-20	<a href="#">105TA5244</a>
	3	89	13	45,7	307			55-10-25	<a href="#">124TA6169</a>

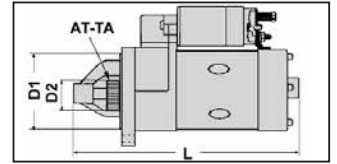


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STARTERS

used for: **MANITOU**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	92	10	39	308			50-10-25	<a href="#">107TA9566</a>
	3	92	10	39,5	306			55-10-25	<a href="#">108TA8634</a>
	3	110	9	34	300			50-05-20	<a href="#">103TA3391</a>
24	2	90	11	40	295	V	V	45-10	<a href="#">135TA5244</a>
	2	105	11	40	295		V	50-20	<a href="#">135TA5240</a>
	3	82,3	11	35	340			35-40-05	<a href="#">135TA5598</a>
	3	88,8	10	39	340			35-55-05	<a href="#">135TA5592</a>
	3	89	9	34	338			35-50-05	<a href="#">135TA5377</a>
	3	92	12	45	365			40-60-20	<a href="#">135TA5288</a>

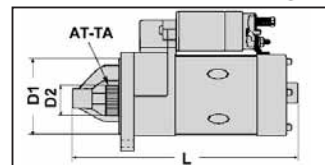


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**used for: MERLO**



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voltage (volt) <b>U</b>	number of fixation points <b>AT-BG</b>	flange dia. (mm) <b>D1</b>	number of teeth <b>AT-TA</b>	gear dia. (mm) <b>D2</b>	total length (mm) <b>L</b>	wet clutch <b>OLIED</b>	reductor <b>TY-ST</b>	position fixation points <b>LG-BG</b>	reference new
12	3	88,5	10	39	277			55-10-25	<a href="#">135TA5567</a>
	3	88,7	10	39,5	309,2			40-55-10	<a href="#">136TA3510</a>

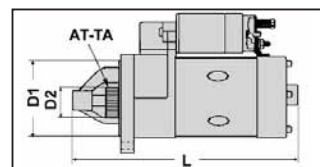


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STARTERS

used for: **MITSUBISHI-CATERPILLAR**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
6	2	82	9	36	319			30-60	<a href="#">103TA3525</a>
	3	88,5	9	36	322			30-45-60	<a href="#">106TA8297</a>
	3	88,5	10	40	327			30-45-60	<a href="#">106TA8289</a>
	3	88,5	13	46	362			30-45-60	<a href="#">106TA8293</a>
12	2	60	14	42,7	230		V	45-20	<a href="#">135TA5599</a>
	2	65,8	9	29,2	189			40-10	<a href="#">135TA5443</a>
	2	67	8	28	245			35-05	<a href="#">135TA5645</a>
	2	68	8	28	220			50-20	<a href="#">105TA5059</a>
	2	68	11	29	245				<a href="#">136TA3534</a>
	2	68	11	30	232				<a href="#">135TA5524</a>
	2	70	8	28	230			35-05	<a href="#">105TA5285</a>
	2	70	8	29	215			30-05	<a href="#">124TA6110</a>



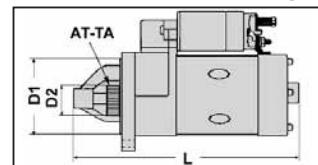
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STARTERS

used for: **MITSUBISHI-CATERPILLAR**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	70	9	28	230			35-05	<a href="#">136TA3559</a>
	2	70	9	29	220			55-25	<a href="#">105TA5281</a>
	2	70	9	29	230			30-05	<a href="#">105TA5290</a>
	2	73,7	12	37	240			40-10	<a href="#">136TA3519</a>
	2	74	8	26	226			40-05	<a href="#">105TA5277</a>
	2	74	8	28	188			40-10	<a href="#">135TA5198</a>
	2	74	8	28	194			40-10	<a href="#">136TA3514</a>
	2	74	9	28,8	187,5		V	50-15	<a href="#">136TA8304</a>
	2	74	9	29	190	V	V	50-20	<a href="#">135TA5357</a>
	2	74	9	29	225			50-20	<a href="#">105TA5286</a>
	2	74	9	29	235		V	45-10	<a href="#">103TA3430</a>
	2	74	9	29,5	230			35-05	<a href="#">105TA5264</a>



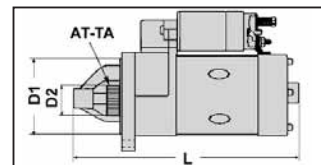


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used for: **MITSUBISHI-CATERPILLAR**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	74	9	30	188			40-10	<a href="#">135TA5366</a>
	2	74	11	34	228		V	45-15	<a href="#">105TA5309</a>
	2	74	13	38	248		V	45-10	<a href="#">105TA5304</a>
	2	75	13	39,8	202			50-20	<a href="#">136TA3550</a>
	2	76,5	11	33,5	176	V	V	40-10	<a href="#">135TA5627</a>
	2	76,8	8	28	189			40-10	<a href="#">136TA3538</a>
	2	76,8	9	29,5	230			40-10	<a href="#">107TA9412</a>
	2	76,8	15	44,8	226		V	40-10	<a href="#">106TA8251</a>
	2	77	8	26	188			40-10	<a href="#">105TA5050</a>
	2	77	8	28	183			40-10	<a href="#">106TA8354</a>
	2	77	8	28	190			40-10	<a href="#">105TA5030</a>
	2	77	8	28	207,5			40-10	<a href="#">135TA5616</a>





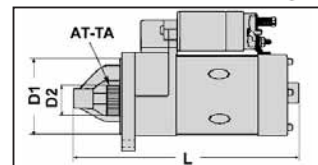
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STARTERS

used for: **mitsubishi-caterpillar**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	77	8	28,5	208			40-10	<a href="#">107TA9610</a>
	2	77	9	29	192			40-10	<a href="#">105TA5850</a>
	2	77	9	29	254	V		35-05	<a href="#">135TA5556</a>
	2	77	10	31	210			40-10	<a href="#">135TA5341</a>
	2	77	10	32,5	240		V	40-05	<a href="#">135TA5596</a>
	2	77	10	33	240		V	40-10	<a href="#">105TA5051</a>
	2	77	11	34	210		V	40-10	<a href="#">119TA7503</a>
	2	77	11	34	220		V	40-10	<a href="#">105TA5032</a>
	2	77	11	34	220		V	40-10	<a href="#">136TA3459</a>
	2	77	11	34	220	V	V	40-10	<a href="#">116TA7182</a>
	2	77	13	40	239		V	55-25	<a href="#">135TA5477</a>
	2	77	13	41	240		V	55-25	<a href="#">105TA5283</a>

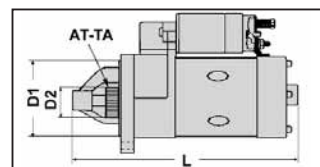


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used for: **MITSUBISHI-CATERPILLAR**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	77	14	42,7	222	V		40-10	<a href="#">135TA5595</a>
	2	77	15	45	220		V	40-10	<a href="#">105TA5852</a>
	2	77	15	45	228		V	55-25	<a href="#">124TA6145</a>
	2	82	8	27	185			35-05	<a href="#">105TA5289</a>
	2	82	8	28	190			40-10	<a href="#">105TA5308</a>
	2	82	8	29	210			55-25	<a href="#">116TA7143</a>
	2	82	8	29	235			40-10	<a href="#">135TA5232</a>
	2	82	9	25	300	V		45-15	<a href="#">105TA5024</a>
	2	82	9	29	230			40-10	<a href="#">124TA6099</a>
	2	82	9	29	250			50-20	<a href="#">105TA5869</a>
	2	82	9	36	318			35-05	<a href="#">105TA5847</a>
	2	82	10	38,8	240		V	50-20	<a href="#">136TA3539</a>



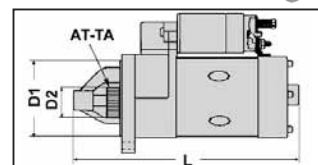
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used for: **mitsubishi-caterpillar**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	82	10	39	305	V		35-05	<a href="#">135TA5093</a>
	2	82	10	40	305	V		35-05	<a href="#">105TA5025</a>
	2	82	11	34	240		V	40-10	<a href="#">105TA5266</a>
	2	82,4	9	35	259			55-25	<a href="#">135TA5442</a>
	2	82,4	11	34,5	238,5		V	40-10	<a href="#">103TA3246</a>
	2	82,5	9	25	292				<a href="#">136TA3521</a>
	2	82,5	9	29	200		V	55-25	<a href="#">135TA5275</a>
	2	82,5	9	29	221,5			55-25	<a href="#">135TA5203</a>
	2	82,5	9	29	243			35-05	<a href="#">106TA5112</a>
	2	82,5	9	35	210		V	50-20	<a href="#">135TA5227</a>
	2	82,5	9	35	225		V	55-25	<a href="#">124TA6114</a>
	2	82,5	10	32,2	303			40-10	<a href="#">135TA5440</a>

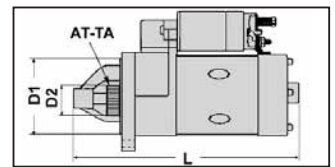


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used for: **MITSUBISHI-CATERPILLAR**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	82,5	10	38	258	V	V	55-25	<a href="#">124TA6190</a>
	2	82,5	10	38	276		V	55-25	<a href="#">124TA6147</a>
	2	82,5	10	38,5	252	V	V	50-25	<a href="#">135TA5525</a>
	2	82,5	10	38,5	288			50-20	<a href="#">135TA5563</a>
	2	82,5	10	40	220		V	40-15	<a href="#">135TA5320</a>
	2	82,5	11	34	225		V	35-05	<a href="#">136TA3477</a>
	2	82,5	11	34	230		V	55-25	<a href="#">124TA6124</a>
	2	82,5	11	41	248		V	40-10	<a href="#">105TA5259</a>
	2	82,5	11	42	215		V	45-15	<a href="#">124TA6149</a>
	2	82,5	13	39	242	V	V	50-20	<a href="#">103TA3575</a>
	2	88,8	10	40	233		V	40-10	<a href="#">135TA5545</a>
	2	89	10	40	220		V	40-10	<a href="#">124TA6061</a>





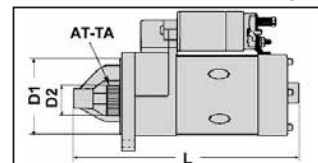
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used for: **mitsubishi-caterpillar**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	90	11	40	290	V	V	45-10	<a href="#">105TA5282</a>
	2	95	9	31,8	243		V	40-10	<a href="#">135TA5638</a>
	2	95	9	32	233		V	40-10	<a href="#">107TA9405</a>
	2	95	9	32	235		V	40-10	<a href="#">135TA5153</a>
	2	95	9	32	235		V	35-05	<a href="#">135TA5169</a>
	2	95	9	32	315		V	40-10	<a href="#">135TA5180</a>
	2	95	9	35	224		V	50-20	<a href="#">106TA8333</a>
	3	65	12	0	229	V		35-50-05	<a href="#">135TA5533</a>
	3	65	12	32	222			35-50-05	<a href="#">107TA9560</a>
	3	65	13	32	190			35-50-05	<a href="#">105TA5306</a>
	3	66	9	25	190			40-55-05	<a href="#">103TA3393</a>
	3	73,8	10	31,5	208			50-05-20	<a href="#">105TA5311</a>

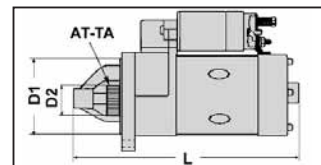


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used for: **MITSUBISHI-CATERPILLAR**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	74	9	29	210		V	40-50-10	<a href="#">135TA5098</a>
	3	74	9	29	210		V	40-50-10	<a href="#">135TA5368</a>
	3	74	9	29	230		V	40-50-10	<a href="#">116TA7056</a>
	3	74	9	29	230		V	40-50-10	<a href="#">105TA5038</a>
	3	74	10	31	208			50-05-20	<a href="#">103TA3577</a>
	3	88	10	39,5	340	V		35-50-05	<a href="#">135TA5459</a>
	3	88,5	9	29	225		V	40-55-10	<a href="#">105TA5016</a>
	3	88,5	9	29	305			30-45-60	<a href="#">105TA5048</a>
	3	88,5	9	29	305	V		40-55-10	<a href="#">105TA5021</a>
	3	88,5	10	38	310	V		35-50-05	<a href="#">105TA5017</a>
	3	88,5	10	39	306	V		35-50-05	<a href="#">105TA5019</a>
	3	88,5	10	40	290		V	40-55-10	<a href="#">105TA5057</a>





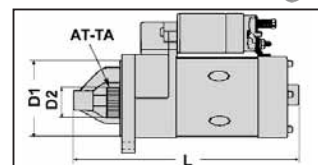
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used for: **MITSUBISHI-CATERPILLAR**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	88,5	10	40	305	V		35-50-05	<a href="#">105TA5027</a>
	3	88,5	10	40	340		V	55-10-20	<a href="#">135TA5161</a>
	3	88,5	10	40	345	V		35-50-05	<a href="#">105TA5848</a>
	3	88,5	10	40	405	V		55-05-20	<a href="#">105TA5036</a>
	3	88,7	10	39	405			50-05-25	<a href="#">105TA5018</a>
	3	88,8	10	40	285	V	V	40-55-10	<a href="#">105TA5058</a>
	3	88,8	12	37	287			50-10-20	<a href="#">135TA5539</a>
	3	89	10	37,6	295		V	55-10-25	<a href="#">136TA3551</a>
	3	89	10	39	225	V	V	40-55-10	<a href="#">124TA6090</a>
	3	89	10	39	405			35-50-05	<a href="#">107TA9415</a>
	3	89	10	40	290		V	55-10-25	<a href="#">135TA5096</a>
	3	89	10	40	324	V		40-50-10	<a href="#">135TA5482</a>

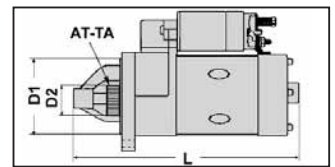


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used for: **mitsubishi-caterpillar**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	89	10	40,3	294		V	50-10-25	<a href="#">136TA3558</a>
	3	89,5	10	32	305	V		55-10-25	<a href="#">135TA5143</a>
	3	92	11	55	460			30-55-05	<a href="#">105TA5035</a>
	3	92	12	46	460			35-50-10	<a href="#">105TA5026</a>
	3	92	12	46	475			55-10-30	<a href="#">124TA6183</a>
	3	100	11	34	305			40-55-10	<a href="#">135TA5195</a>
	3	100	12	48	305			55-10-25	<a href="#">136TA3482</a>
	3	100	13	51	240		V	50-05-20	<a href="#">116TA7172</a>
	3	100	13	51	264		V	55-10-25	<a href="#">105TA5275</a>
	3	100	13	51	265		V	55-10-25	<a href="#">136TA3483</a>
	3	100	13	51	275		V	55-10-25	<a href="#">136TA3489</a>
	3	105	11	40	295		V	35-50-10	<a href="#">106TA8329</a>



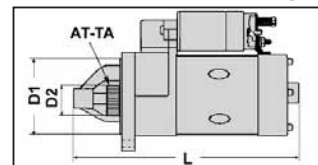
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STARTERS

used for: **mitsubishi-caterpillar**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
24	2	82	10	32	275			40-10	<a href="#">105TA5257</a>
	2	82	11	34	250		V	40-10	<a href="#">124TA6100</a>
	2	82	11	34	305			40-10	<a href="#">135TA5199</a>
	2	82	11	41	250	V	V	40-10	<a href="#">106TA8352</a>
	2	82	11	41,5	250		V	40-10	<a href="#">103TA3241</a>
	2	82	13	39	240		V	40-10	<a href="#">105TA5867</a>
	2	82,5	9	35	242		V	35-05	<a href="#">135TA5215</a>
	2	82,5	10	38	288		V	50-20	<a href="#">135TA5295</a>
	2	82,5	10	38,5	253	V	V	55-25	<a href="#">136TA3556</a>
	2	82,5	10	39	288			35-05	<a href="#">135TA5614</a>
	2	82,5	10	39	290		V	40-10	<a href="#">105TA5031</a>
	2	89,6	9	31,5	284		V	50-20	<a href="#">106TA8264</a>

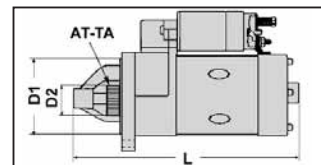


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STARTERS

used for: **mitsubishi-caterpillar**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
24	2	95	11	37,5	258	V		40-05	<a href="#">135TA5560</a>
	2	95	11	40,8	287			40-10	<a href="#">136TA3529</a>
	2	100	12	45	266		V	45-15	<a href="#">106TA8318</a>
	2	110	11	40	290		V	55-20	<a href="#">105TA5043</a>
	3	60	9	35	240		V	40-60-10	<a href="#">105TA5053</a>
	3	88,5	12	46	402			50-10-20	<a href="#">106TA8247</a>
	3	89	12	43	321	V		35-50-05	<a href="#">135TA5642</a>
	3	89	12	44	322			35-50-05	<a href="#">135TA5604</a>
	3	91,5	11	56	519			35-50-05	<a href="#">135TA5455</a>
	3	91,5	12	46	480			35-55-15	<a href="#">107TA9401</a>
	3	91,7	12	46	450			45-05-25	<a href="#">107TA9605</a>
	3	91,7	12	46	475			30-50-05	<a href="#">105TA5045</a>





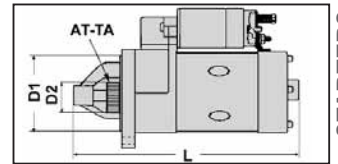
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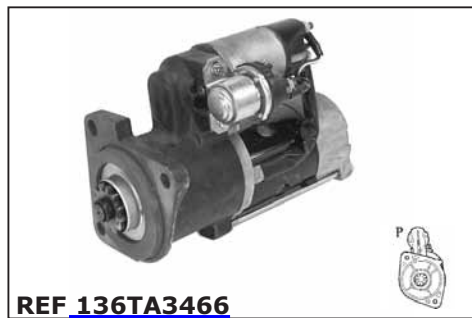


STARTERS

used for: **MITSUBISHI-CATERPILLAR**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
24	3	92	11	0	520			45-05-25	<a href="#">136TA3548</a>
	3	92	11	56	480			35-55-15	<a href="#">105TA5033</a>
	3	100	12	45	265		V	45-60-15	<a href="#">136TA3467</a>
	3	100	12	45	290		V	40-55-10	<a href="#">136TA3466</a>
	3	101	12	44,5	550			35-55-10	<a href="#">107TA9589</a>
	3	105	11	40	300		V	35-50-10	<a href="#">116TA7221</a>
	3	105	11	40	346			35-50-05	<a href="#">135TA5290</a>



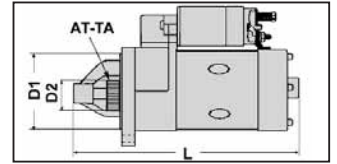


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STARTERS

used for: **MOFFETT**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	65,8	9	29,2	189			40-10	<a href="#">135TA5445</a>
	2	66	9	29	195		V	40-10	<a href="#">135TA5183</a>
	2	66	9	29,3	208			40-10	<a href="#">135TA5406</a>
	2	77	13	41	240		V	55-25	<a href="#">135TA5309</a>
	2	77	15	45	228		V	55-25	<a href="#">135TA5310</a>
	2	82,5	9	34	210		V	40-10	<a href="#">135TA5313</a>

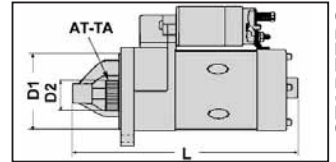


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STARTERS



**used for: MORA**

voltage (volt)	number of fixation points	flange dia. (mm)	number of teeth	gear dia. (mm)	total length (mm)	wet clutch	reductor	position fixation points	reference new
U	AT-BG	D1	AT-TA	D2	L	OLIED	TY-ST	LG-BG	
12	3	89	10	39	310			50-10-20	<a href="#">105TA5312</a>



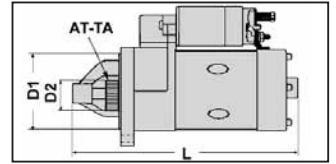
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STARTERS

used for: **NIFTYLIFT**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	74,8	11	0	204			55-25	<a href="#">135TA5499</a>



**REF [135TA5499](#)**

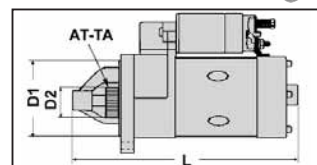
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used for: **NISSAN**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	70	8	28	220			35-05	<a href="#">103TA3280</a>
	2	70	8	29	215			30-05	<a href="#">105TA5318</a>
	2	70	9	29	220			55-25	<a href="#">105TA5313</a>
	2	70	9	29	230			30-05	<a href="#">103TA3261</a>
	2	75	13	39,8	202			50-20	<a href="#">136TA3549</a>
	2	76,5	11	33,5	176	V	V	40-10	<a href="#">135TA5628</a>
	2	76,8	8	28	189			40-10	<a href="#">136TA3537</a>
	2	77	8	28	190			40-10	<a href="#">124TA6095</a>
	2	77	10	31	210			40-10	<a href="#">124TA6157</a>
	2	77	11	34	220		V	40-10	<a href="#">124TA6102</a>
	2	80	9	29	210			40-10	<a href="#">106TA8361</a>
	2	82	8	27	185			35-05	<a href="#">105TA5320</a>

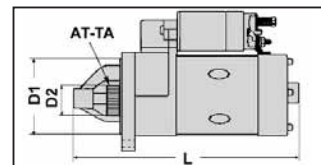


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STARTERS

used for: **NISSAN**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	82	8	28	190			40-10	<a href="#">135TA5221</a>
	2	82	8	29	210			55-25	<a href="#">116TA7138</a>
	2	82	8	29	235			40-10	<a href="#">135TA5229</a>
	2	82	9	29	210	V	V	40-10	<a href="#">103TA3268</a>
	2	82	9	29	232			40-10	<a href="#">105TA5321</a>
	2	82	9	29	260			50-20	<a href="#">103TA3275</a>
	2	82	9	29	313			55-25	<a href="#">105TA5315</a>
	2	82,5	9	29	195		V	35-05	<a href="#">135TA5206</a>
	2	82,5	9	29	197		V	55-25	<a href="#">105TA5325</a>
	2	82,5	9	29	198		V	55-25	<a href="#">103TA3584</a>
	2	82,5	9	29	200		V	55-25	<a href="#">135TA5273</a>
	2	82,5	9	29	221,5			55-25	<a href="#">135TA5202</a>





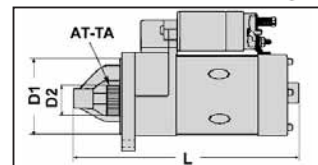
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STARTERS

used for: **NISSAN**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	82,5	9	29	230			55-25	<a href="#">105TA5319</a>
	2	82,5	9	29	243			35-05	<a href="#">106TA5111</a>
	2	82,5	9	35	210		V	50-20	<a href="#">135TA5228</a>
	2	82,5	9	35	210		V	50-20	<a href="#">103TA3270</a>
	2	82,5	9	35	218,5		V	40-05	<a href="#">135TA5495</a>
	2	82,5	9	35	225		V	55-25	<a href="#">105TA5333</a>
	2	82,5	9	35	225		V	55-25	<a href="#">105TA5490</a>
	2	82,5	9	35	245		V	35-05	<a href="#">106TA8319</a>
	2	82,5	9	35	285			35-05	<a href="#">105TA5322</a>
	2	82,5	10	38	258	V	V	55-25	<a href="#">135TA5394</a>
	2	82,5	10	38	276		V	55-25	<a href="#">136TA3492</a>
	2	82,5	11	34	225		V	35-05	<a href="#">103TA3272</a>

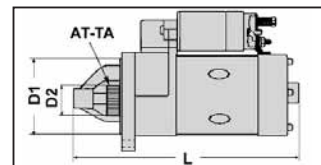


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STARTERS

used for: **NISSAN**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	82,5	11	34	230		V	55-25	<a href="#">103TA3283</a>
	2	82,5	11	42	215		V	45-15	<a href="#">105TA5316</a>
	2	83,3	9	29,2	210		V	35-05	<a href="#">135TA5452</a>
	2	94,9	9	35,6	223,5		V	50-20	<a href="#">135TA5635</a>
	2	95	9	32	230		V	40-10	<a href="#">135TA5416</a>
	2	95	9	32	230		V	40-10	<a href="#">107TA9578</a>
	2	95	9	32	305			40-10	<a href="#">106TA8360</a>
	2	95	9	35	224		V	50-20	<a href="#">136TA3518</a>
	2	95	9	35	228		V	35-05	<a href="#">124TA6136</a>
	2	95	9	35,6	223		V	45-15	<a href="#">136TA3515</a>
	2	95	11	38	292		V	40-10	<a href="#">116TA7167</a>
	3	88,5	9	29	305	V		30-45-60	<a href="#">124TA6069</a>



REF [103TA3283](#)



REF [105TA5316](#)



REF [135TA5452](#)



REF [135TA5635](#)



REF [135TA5416](#)



REF [107TA9578](#)



REF [106TA8360](#)



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REF [136TA3515](#)



REF [116TA7167](#)



REF [124TA6069](#)

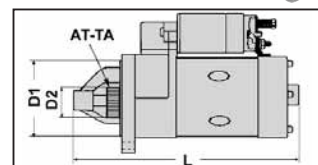
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STARTERS

used for: **NISSAN**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	88,5	10	39	310			35-50-05	<a href="#">124TA6066</a>
	3	88,5	10	39	340	V	V	35-50-10	<a href="#">124TA6154</a>
	3	88,5	12	46	345			55-10-25	<a href="#">135TA5146</a>
	3	100	13	51	240		V	50-05-20	<a href="#">105TA5327</a>
	3	105	11	40	238		V	45-05-20	<a href="#">135TA5555</a>
	3	105	11	40	305			40-55-05	<a href="#">105TA5314</a>
24	2	82,5	9	35	242		V	35-05	<a href="#">105TA5323</a>
	2	82,5	10	27	275			35-05	<a href="#">111TA1908</a>
	2	82,5	10	38	288		V	50-20	<a href="#">135TA5296</a>
	2	82,5	10	39	288			35-05	<a href="#">135TA5612</a>
	2	95	9	34,8	236	V	V	50-20	<a href="#">135TA5500</a>
	2	105	11	40	295		V	40-10	<a href="#">105TA5324</a>

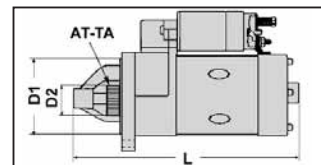


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used for: **NISSAN**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
24	3	105	11	40	300			40-55-10	<a href="#">103TA3265</a>
	3	105	11	40	300		V	35-50-10	<a href="#">136TA3512</a>
	3	105	11	40	304		V	40-55-10	<a href="#">103TA3281</a>
	3	105	11	40	306			40-50-10	<a href="#">107TA9602</a>
	3	105	11	40	339		V	45-05-15	<a href="#">136TA3480</a>



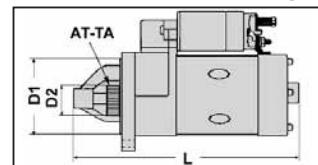
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used for: **O&K**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	74	9	29	215			45-10	<a href="#">135TA5399</a>
	2	74	13	38	248		V	45-10	<a href="#">135TA5305</a>
	2	82,5	9	25	285			55-25	<a href="#">135TA5266</a>
	2	89	10	40	290		V	40-10	<a href="#">135TA5109</a>
24	3	89	9	34	338			35-50-05	<a href="#">135TA5378</a>



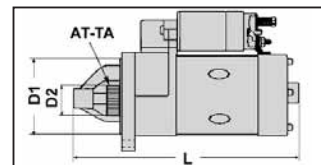


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used for: **OM PIMESPO**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	66	9	25,2	212			40-10	<a href="#">107TA9403</a>
	2	82	9	29	260			50-20	<a href="#">136TA3479</a>
	2	82,5	9	29	195		V	35-05	<a href="#">136TA3474</a>
	2	82,5	9	29	230			55-25	<a href="#">135TA5248</a>
	2	82,5	9	34	255			35-05	<a href="#">135TA5464</a>
	2	82,5	9	35	210		V	50-20	<a href="#">136TA3478</a>
	2	89	10	40	187		V	50-20	<a href="#">135TA5133</a>
	2	95	9	35	228		V	35-05	<a href="#">135TA5585</a>
	3	82	9	25	260			55-05-25	<a href="#">106TA8299</a>
	3	82	9	25	265			35-50-05	<a href="#">106TA8267</a>
	3	82	11	29	225			35-50-05	<a href="#">105TA5113</a>
	3	82,5	9	25	223			35-50-05	<a href="#">103TA3544</a>



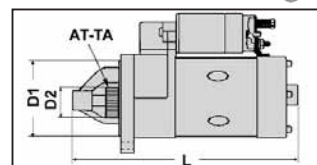
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used for: **OM PIMESPO**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	82,5	10	27	260			35-50-05	<a href="#">105TA5114</a>
	3	82,5	11	29	253			30-05-15	<a href="#">105TA5856</a>
	3	88,5	9	34	340			55-10-25	<a href="#">105TA5122</a>
	3	88,8	10	40	315			50-10-25	<a href="#">135TA5485</a>
	3	94,8	9	34	370			50-05-20	<a href="#">103TA3174</a>
	3	94,8	9	34,3	371			40-55-25	<a href="#">105TA5111</a>
	3	110	9	34	293			55-05-20	<a href="#">135TA5615</a>
	3	110	9	34	295			50-05-20	<a href="#">135TA5140</a>
	3	110	9	34	295			35-50-05	<a href="#">105TA5116</a>
	3	110	9	34	300			35-45-05	<a href="#">103TA3542</a>
	3	110	9	34	340			35-50-05	<a href="#">135TA5136</a>
	3	110	9	34	340			50-05-20	<a href="#">105TA5119</a>

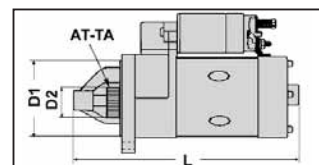


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STARTERS

used for: **OM PIMESPO**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	110	9	34,5	338			35-50-05	<a href="#">105TA5118</a>
24	2	89	10	40	295		V	50-20	<a href="#">136TA3525</a>
	2	100	12	45	266		V	45-15	<a href="#">136TA3494</a>
	3	100	13	46	363			35-50-10	<a href="#">136TA3501</a>
	3	110	9	34	290			35-50-05	<a href="#">105TA5120</a>
	3	110	9	34	340			35-50-05	<a href="#">105TA5117</a>
	3	110	9	34,2	372			35-50-05	<a href="#">106TA5124</a>
	3	115	11	40	405			50-05-25	<a href="#">106TA8258</a>



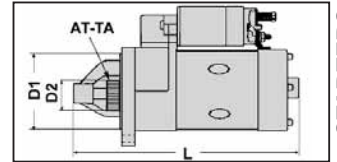
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STARTERS

used for: **OMG**



voltage (volt)	number of fixation points	flange dia. (mm)	number of teeth	gear dia. (mm)	total length (mm)	wet clutch	reductor	position fixation points	reference new
U	AT-BG	D1	AT-TA	D2	L	OLIED	TY-ST	LG-BG	
12	2	82,5	9	29	195		V	35-05	<a href="#">135TA5212</a>
	2	95	9	32	235		V	35-05	<a href="#">135TA5174</a>
	2	95	9	32	235		V	40-10	<a href="#">135TA5158</a>

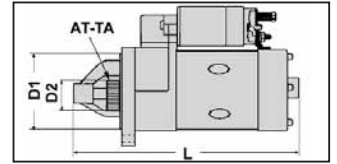


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STARTERS

used for: **PATRIA**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	82	8	28	190			40-10	<a href="#">124TA6117</a>
	2	82	9	29	232			40-10	<a href="#">124TA6159</a>
	2	82,5	9	29	195		V	35-05	<a href="#">124TA6107</a>
	2	95	9	32	235		V	40-10	<a href="#">119TA7519</a>
	2	95	9	32	305			40-10	<a href="#">124TA6083</a>
	2	95	9	32	321,5	V	V	40-10	<a href="#">124TA6141</a>





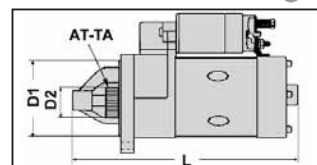
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STARTERS

used for: **SALEV**



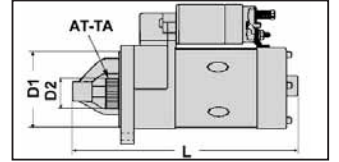
voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	82,5	9	29	230			55-25	<a href="#">135TA5247</a>
	2	88,5	10	40	290			55-25	<a href="#">106TA8305</a>
	2	95	9	32	305			40-10	<a href="#">135TA5175</a>
	3	82	9	25	246			55-10-25	<a href="#">135TA5518</a>
	3	88,5	9	34	295			50-05-20	<a href="#">135TA5383</a>
	3	88,5	9	36	118			40-55-10	<a href="#">135TA5535</a>
	3	88,5	10	27	292			40-55-10	<a href="#">106TA8308</a>
	3	88,7	10	39,5	336			35-50-05	<a href="#">124TA6194</a>



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used for: **SAMBRON**



STARTERS

voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	74	9	29	215			45-10	<a href="#">124TA6191</a>
	2	82,5	13	46,5	292			35-05	<a href="#">135TA5582</a>
	3	92	10	39	308			50-10-25	<a href="#">124TA6161</a>



REF [124TA6191](#)



REF [135TA5582](#)



REF [124TA6161](#)

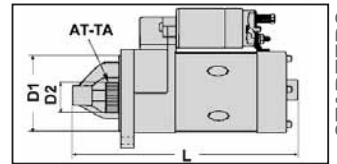
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STARTERS

used for: **SANDERSON**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	88,7	10	39,5	309,2			40-55-10	<a href="#">124TA6167</a>

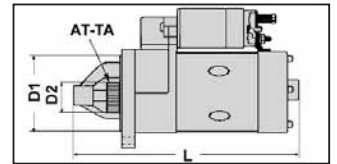


**REF [124TA6167](#)**

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used for: **SMV KONECRANES**



STARTERS

voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
24	3	89	9	34	340			35-50-10	<a href="#">124TA6133</a>
	3	89	9	34	345			35-50-10	<a href="#">135TA5285</a>
	3	89	12	43	321	V		35-50-05	<a href="#">136TA3542</a>
	3	92	12	46,4	359	V		30-50-10	<a href="#">135TA5643</a>



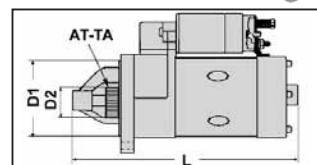
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STARTERS

used for: **STILL**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	82,5	9	25	285			55-25	<a href="#">106TA8347</a>
	2	89	10	40	187		V	50-20	<a href="#">124TA6073</a>
	3	65	13	32	190			35-50-05	<a href="#">136TA3503</a>
	3	65,8	9	25,5	216			40-55-05	<a href="#">103TA3567</a>
	3	66	9	25	195			55-10-25	<a href="#">105TA5356</a>
	3	67	9	25	197			55-10-25	<a href="#">135TA5282</a>
	3	82	9	25	265			35-05-20	<a href="#">105TA5360</a>
	3	82,5	9	25	223			55-10-25	<a href="#">106TA8265</a>
	3	82,5	9	25	225			35-05-20	<a href="#">103TA3377</a>
	3	88,5	9	34	340			35-50-05	<a href="#">135TA5194</a>
	3	88,5	9	34	382			35-55-10	<a href="#">105TA5351</a>
	3	88,5	9	34,5	340			50-05-20	<a href="#">106TA8336</a>



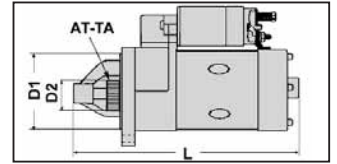


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STARTERS

used for: **STILL**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	88,5	10	27	292			40-55-10	<a href="#">106TA8309</a>
	3	88,5	10	40	325			50-10-20	<a href="#">105TA5358</a>
	3	88,6	9	29,5	290,5			55-10-25	<a href="#">107TA9557</a>
	3	89	9	29	288			55-10-25	<a href="#">105TA5355</a>
	3	89	10	40	339,3			50-05-20	<a href="#">136TA3524</a>
	3	110	9	34	295			35-50-05	<a href="#">124TA6072</a>
	3	110	9	34,5	338			35-50-05	<a href="#">124TA6174</a>
	4	65	10	28	200,5			35-50-55-05	<a href="#">136TA3530</a>
24	2	82,5	10	27	275			35-05	<a href="#">136TA3485</a>
	2	82,5	10	27	290			55-25	<a href="#">136TA3481</a>
	3	82,4	9	25,3	265			35-05-20	<a href="#">136TA3516</a>
	3	88,5	9	34	340			50-05-20	<a href="#">136TA3513</a>



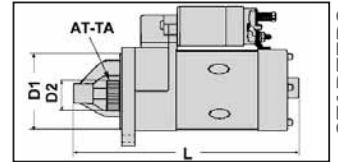
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used for: **STILL**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
24	3	88,5	9	34	415			35-55-05	<a href="#">106TA8269</a>

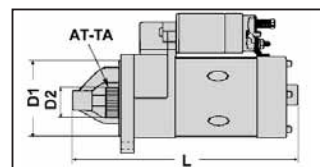


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STARTERS

used for: **STOCKA**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	82	8	29	235			40-10	<a href="#">135TA5233</a>



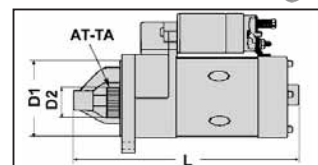
# STARTERS

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STARTERS

used for: **SVE TRUCK**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
24	3	88,5	11	40	405			50-10-25	<a href="#">116TA7161</a>
	3	88,7	10	38,2	393			50-10-25	<a href="#">136TA3553</a>
	3	88,7	11	40,7	404			50-05-25	<a href="#">124TA6187</a>
	3	89	9	34	345			35-50-10	<a href="#">135TA5287</a>
	3	89	9	34	385			55-05-20	<a href="#">111TA1155</a>
	3	89	12	43	321	V		35-50-05	<a href="#">136TA3541</a>
	3	92	11	55	358			45-05-25	<a href="#">136TA3532</a>
	3	92	12	46,4	359	V		30-50-10	<a href="#">136TA3543</a>

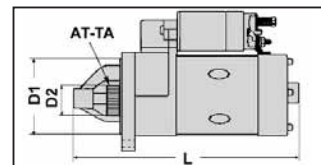


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STARTERS

used for: **TAILIFT**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	73,2	11	33,5	178	V	V	40-10	<a href="#">135TA5619</a>
	2	82,5	9	29	195		V	35-05	<a href="#">135TA5208</a>
	2	95	9	32	235		V	35-05	<a href="#">135TA5171</a>
	2	95	9	32	235		V	40-10	<a href="#">135TA5154</a>





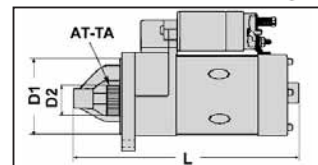
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used for: **TCM**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	66	9	29	195		V	40-10	<a href="#">136TA3464</a>
	2	66	9	29	201			40-10	<a href="#">136TA3536</a>
	2	66	9	29,3	208			40-10	<a href="#">124TA6195</a>
	2	70	9	29	220			55-25	<a href="#">105TA5393</a>
	2	73,2	11	33,5	178	V	V	40-10	<a href="#">135TA5617</a>
	2	74	8	28	194			40-10	<a href="#">111TA1191</a>
	2	74	9	29	190	V	V	50-20	<a href="#">135TA5355</a>
	2	76,8	8	28	189			40-10	<a href="#">135TA5611</a>
	2	77	11	34	220		V	40-10	<a href="#">124TA6103</a>
	2	80	9	29	210		V	40-10	<a href="#">124TA6084</a>
	2	80	9	29	210			40-10	<a href="#">105TA5367</a>
	2	82	8	27	185			35-05	<a href="#">105TA5390</a>

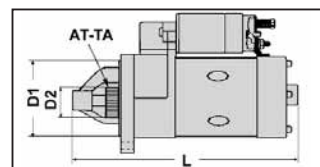


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used for: **TCM**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	82	8	28	190			40-10	<a href="#">135TA5222</a>
	2	82	8	29	210			55-25	<a href="#">116TA7142</a>
	2	82	8	29	235			40-10	<a href="#">135TA5231</a>
	2	82	9	29	210	V	V	40-10	<a href="#">124TA6111</a>
	2	82	9	29	232			40-10	<a href="#">135TA5343</a>
	2	82	9	29	260			50-20	<a href="#">105TA5399</a>
	2	82	9	29	313			55-25	<a href="#">105TA5395</a>
	2	82,2	9	33,4	220	V	V	40-10	<a href="#">135TA5532</a>
	2	82,5	9	29	195		V	35-05	<a href="#">105TA5398</a>
	2	82,5	9	29	197		V	55-25	<a href="#">135TA5311</a>
	2	82,5	9	29	200		V	55-25	<a href="#">135TA5274</a>
	2	82,5	9	29	221,5			55-25	<a href="#">105TA5402</a>



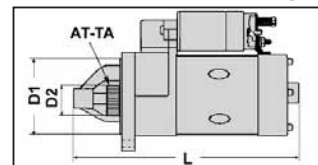
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used for: **TCM**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	82,5	9	34	210		V	40-10	<a href="#">135TA5315</a>
	2	82,5	9	35	210		V	50-20	<a href="#">105TA5876</a>
	2	82,5	9	35	225		V	55-25	<a href="#">105TA5397</a>
	2	82,5	9	35	285			35-05	<a href="#">105TA5394</a>
	2	82,5	11	34	225		V	35-05	<a href="#">105TA5385</a>
	2	82,5	11	34	230		V	55-25	<a href="#">105TA5401</a>
	2	82,5	11	42	215		V	45-15	<a href="#">105TA5380</a>
	2	83,3	9	29,2	210		V	35-05	<a href="#">135TA5454</a>
	2	88,5	9	29	220			40-10	<a href="#">116TA7112</a>
	2	94,5	9	32,5	230		V	40-10	<a href="#">116TA7239</a>
	2	94,9	9	35,6	223,5		V	50-20	<a href="#">136TA3540</a>
	2	95	9	29	220			40-05	<a href="#">105TA5364</a>

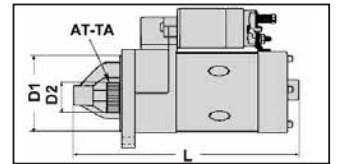


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used for: **TCM**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	95	9	31,8	230		V	40-10	<a href="#">135TA5494</a>
	2	95	9	32	210		V	40-10	<a href="#">105TA5369</a>
	2	95	9	32	210		V	40-10	<a href="#">105TA5368</a>
	2	95	9	32	210		V	35-05	<a href="#">135TA5181</a>
	2	95	9	32	230		V	40-10	<a href="#">105TA5408</a>
	2	95	9	32	230		V	40-10	<a href="#">111TA1192</a>
	2	95	9	32	230		V	40-10	<a href="#">105TA5377</a>
	2	95	9	32	235		V	40-10	<a href="#">105TA5877</a>
	2	95	9	32	235		V	35-05	<a href="#">105TA5406</a>
	2	95	9	32	285			40-10	<a href="#">105TA5383</a>
	2	95	9	32	285			40-10	<a href="#">116TA7111</a>
	2	95	9	32	305			40-10	<a href="#">105TA5410</a>





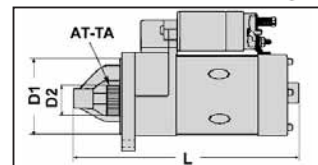
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STARTERS

used for: **TCM**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	95	9	32	321,5	V	V	40-10	<a href="#">105TA5407</a>
	2	95	9	32,5	188		V	40-10	<a href="#">107TA9419</a>
	2	95	9	32,5	230		V	40-10	<a href="#">106TA8277</a>
	2	95	9	32,5	298			40-10	<a href="#">107TA9611</a>
	2	95	9	35	224		V	50-20	<a href="#">105TA5396</a>
	2	95	9	35,5	222			40-10	<a href="#">116TA7240</a>
	2	95	11	33,7	200	V	V	40-10	<a href="#">135TA5540</a>
	3	74	9	29	230		V	40-50-10	<a href="#">105TA5384</a>
	3	88,5	10	38	341	V		40-55-05	<a href="#">135TA5344</a>
	3	88,7	10	39,5	334			40-55-25	<a href="#">105TA5875</a>
	3	89	10	39,7	341	V	V	35-50-05	<a href="#">135TA5559</a>
	3	89	13	39	295		V	55-10-25	<a href="#">105TA5376</a>



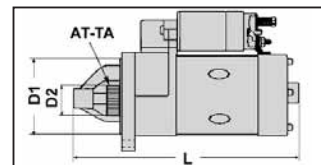


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STARTERS

used for: **TCM**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	105	11	40	295		V	35-50-10	<a href="#">105TA5366</a>
	3	105	11	40	340	V	V	35-50-05	<a href="#">135TA5388</a>
24	2	82	11	41	250	V	V	40-10	<a href="#">107TA9411</a>
	2	82,5	9	35	242		V	35-05	<a href="#">105TA5403</a>
	2	82,5	10	38	288		V	50-20	<a href="#">135TA5297</a>
	2	82,5	10	39	288			35-05	<a href="#">135TA5613</a>
	2	95	9	32	317		V	40-10	<a href="#">119TA7505</a>
	2	95	9	34,8	236	V	V	50-20	<a href="#">135TA5501</a>
	2	95	9	35	246		V	35-05	<a href="#">136TA3568</a>
	2	95	9	35	312			35-05	<a href="#">105TA5362</a>
	2	95	11	39,7	295			40-10	<a href="#">135TA5478</a>
	2	95	11	40,8	287			40-10	<a href="#">135TA5527</a>



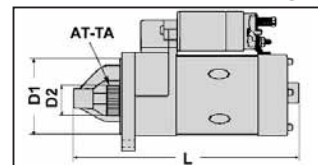
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STARTERS

used for: **TCM**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
24	3	91,7	12	46	475			30-50-05	<a href="#">135TA5390</a>
	3	92	12	45	412		V	30-50-10	<a href="#">135TA5349</a>
	3	104,7	11	40,3	345		V	40-50-10	<a href="#">116TA7241</a>
	3	105	11	40	300			40-55-10	<a href="#">105TA5400</a>
	3	105	11	40	304		V	40-55-10	<a href="#">105TA5405</a>
	3	105	11	40	305		V	35-50-05	<a href="#">105TA5363</a>
	3	105	11	40	339		V	45-05-15	<a href="#">105TA5391</a>
	3	105	11	40	345		V	35-50-05	<a href="#">105TA5373</a>
	3	105	11	40	345		V	35-50-10	<a href="#">105TA5387</a>
	3	105	11	40	346			35-50-05	<a href="#">105TA5381</a>
	3	105	11	40	346		V	35-55-10	<a href="#">105TA5370</a>
	3	105	11	40	351			30-55-05	<a href="#">105TA5372</a>

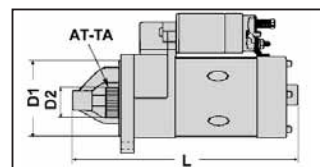


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STARTERS

used for: **TCM**



voltage (volt) <b>U</b>	number of fixation points <b>AT-BG</b>	flange dia. (mm) <b>D1</b>	number of teeth <b>AT-TA</b>	gear dia. (mm) <b>D2</b>	total length (mm) <b>L</b>	wet clutch <b>OLIED</b>	reductor <b>TY-ST</b>	position fixation points <b>LG-BG</b>	reference new
24	3	105	11	40	357		V	35-50-10	<a href="#">103TA3355</a>
	3	105	11	40	365			35-50-10	<a href="#">105TA5374</a>
	3	105	11	40,5	287		V	30-55-10	<a href="#">135TA5503</a>
	3	121,5	11	48,3	450			50-05-25	<a href="#">107TA9604</a>



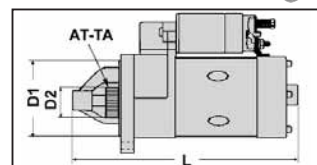
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STARTERS

used for: **TENNANT**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	66	9	29	195		V	40-10	<a href="#">135TA5182</a>
	2	66	9	29,2	177		V	40-10	<a href="#">135TA5438</a>
	2	74,8	11	0	204			55-25	<a href="#">135TA5498</a>
	2	82,5	9	34	210		V	40-10	<a href="#">135TA5312</a>
	2	82,5	13	46,5	292			35-05	<a href="#">135TA5581</a>
	2	89	10	40	290		V	40-10	<a href="#">135TA5108</a>
	3	76	10	25,5	211			35-55-05	<a href="#">135TA5421</a>
	3	76	10	26,8	195			55-05-20	<a href="#">135TA5509</a>
	3	103	10	27	224			30-05-15	<a href="#">105TA5878</a>

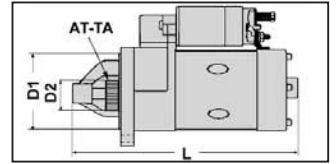


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STARTERS

used for: **TEREX**



voltage (volt)	number of fixation points	flange dia. (mm)	number of teeth	gear dia. (mm)	total length (mm)	wet clutch	reductor	position fixation points	reference new
U	AT-BG	D1	AT-TA	D2	L	OLIED	TY-ST	LG-BG	
24	2	82,5	9	34	319			35-05	<a href="#">136TA3560</a>



**REF 136TA3560**



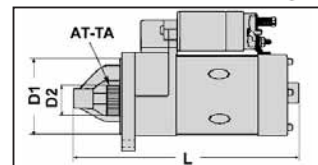
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STARTERS

used for: **TOYOTA**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	54,7	13	40,4	223		V	45-15	<a href="#">135TA5629</a>
	2	55	9	29	210		V	45-10	<a href="#">107TA9606</a>
	2	55	9	29	220		V	45-15	<a href="#">105TA5421</a>
	2	55	10	32	210		V	50-20	<a href="#">103TA3496</a>
	2	66	9	29	210			40-10	<a href="#">107TA9612</a>
	2	74	9	29	195		V	40-10	<a href="#">103TA3293</a>
	2	74	9	29	210		V	50-20	<a href="#">105TA5418</a>
	2	74	9	29	230			55-25	<a href="#">105TA5430</a>
	2	74	9	29	250			55-25	<a href="#">135TA5250</a>
	2	74	9	29	255			35-05	<a href="#">105TA5879</a>
	2	74	9	29,2	230		V	50-20	<a href="#">107TA9592</a>
	2	74	9	30	230,5			35-05	<a href="#">105TA5419</a>

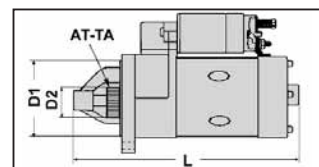


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STARTERS

used for: **TOYOTA**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	82	11	40	230	V	V	50-20	<a href="#">135TA5255</a>
	2	82,4	9	35	259			55-25	<a href="#">135TA5441</a>
	2	82,5	9	29	230			55-25	<a href="#">135TA5245</a>
	2	82,5	9	35	230		V	45-15	<a href="#">135TA5279</a>
	2	82,5	11	40	300		V	45-15	<a href="#">135TA5365</a>
	2	82,5	11	41	298		V	40-10	<a href="#">135TA5513</a>
	2	89	10	40	187		V	50-20	<a href="#">135TA5132</a>
	2	89,6	11	40	295	V	V	40-10	<a href="#">107TA9420</a>
	2	90	11	40	290		V	50-20	<a href="#">105TA5417</a>
	2	90	11	40	290	V	V	45-10	<a href="#">135TA5332</a>
	2	95	9	32	235		V	35-05	<a href="#">135TA5170</a>
	2	95	11	34	188	V	V	40-10	<a href="#">106TA8248</a>



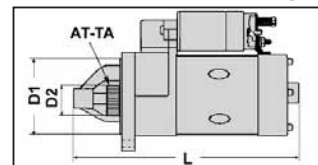
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used for: **TOYOTA**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	95	15	43,7	224		V	35-05	<a href="#">135TA5449</a>
	2	95	15	44	233,5		V	35-05	<a href="#">124TA6212</a>
	2	95	15	44	290		V	40-10	<a href="#">135TA5603</a>
	3	88,5	9	34	295			35-50-05	<a href="#">135TA5191</a>
	3	105	11	40	340	V	V	35-50-05	<a href="#">135TA5387</a>
24	2	82,5	9	32	335			55-25	<a href="#">105TA5413</a>
	2	89	11	39	295		V	45-10	<a href="#">106TA8312</a>
	2	90	9	32	295		V	50-20	<a href="#">105TA5416</a>
	2	90	9	32	315			55-25	<a href="#">105TA5414</a>
	2	90	9	32	315			50-20	<a href="#">105TA5428</a>
	2	90	9	32	315	V		50-20	<a href="#">107TA9573</a>
	2	90	11	40	295		V	45-15	<a href="#">105TA5422</a>

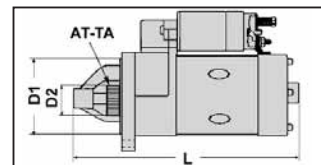


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used for: **TOYOTA**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
24	2	90	11	40	295	V	V	40-10	<a href="#">135TA5259</a>
	2	105	11	40	290		V	50-20	<a href="#">124TA6138</a>
	2	105	11	40	295		V	50-20	<a href="#">135TA5239</a>
	2	105	11	40	295		V	50-25	<a href="#">124TA6156</a>
	2	105	11	40	296		V	40-05	<a href="#">135TA5350</a>
	2	105	11	40	300		V	40-10	<a href="#">107TA9599</a>
	2	105	11	40,5	270			35-05	<a href="#">135TA5632</a>
	3	82,5	11	40	295		V	30-45-15	<a href="#">135TA5254</a>
	3	100	11	40	345		V	35-55-10	<a href="#">103TA3454</a>
	3	104	11	40	295		V	35-55-05	<a href="#">135TA5335</a>
	3	105	11	40	360			55-05-20	<a href="#">135TA5260</a>
	3	105	11	40	370			40-55-10	<a href="#">107TA9568</a>



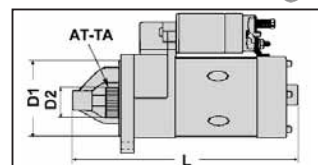
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used for: **UPRIGHT**



voltage (volt) <b>U</b>	number of fixation points <b>AT-BG</b>	flange dia. (mm) <b>D1</b>	number of teeth <b>AT-TA</b>	gear dia. (mm) <b>D2</b>	total length (mm) <b>L</b>	wet clutch <b>OLIED</b>	reductor <b>TY-ST</b>	position fixation points <b>LG-BG</b>	reference new
12	2	66	9	29	195		V	40-10	<a href="#">135TA5186</a>
	3	76	10	25,5	211			35-55-05	<a href="#">135TA5422</a>



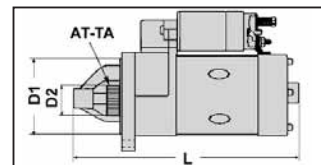


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STARTERS

used for: **YALE**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
6	3	88,5	9	36	322			30-45-60	<a href="#">106TA8295</a>
	3	88,5	10	40	327			30-45-60	<a href="#">106TA8287</a>
	3	88,5	13	46	362			30-45-60	<a href="#">106TA8291</a>
12	2	68	11	29,5	230				<a href="#">135TA5543</a>
	2	68	11	30	232				<a href="#">136TA3527</a>
	2	70	9	29	220			55-25	<a href="#">135TA5373</a>
	2	73,2	11	33,5	178	V	V	40-10	<a href="#">135TA5621</a>
	2	73,7	12	37	240			40-10	<a href="#">135TA5430</a>
	2	74	8	28	188			40-10	<a href="#">124TA6098</a>
	2	74	8	28	194			40-10	<a href="#">135TA5401</a>
	2	74	9	28,8	187,5		V	50-15	<a href="#">135TA5408</a>
	2	74	9	29	190	V	V	50-20	<a href="#">136TA3497</a>



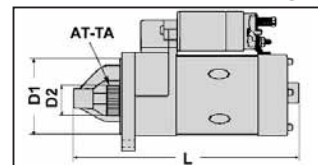
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used for: **YALE**



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	74	9	29	215			45-10	<a href="#">135TA5397</a>
	2	74	9	30	188			40-10	<a href="#">124TA6170</a>
	2	76,5	11	33,5	176	V	V	40-10	<a href="#">135TA5624</a>
	2	77	8	28,3	185			40-10	<a href="#">135TA5553</a>
	2	77	10	31	210			40-10	<a href="#">135TA5338</a>
	2	77	13	41	240		V	55-25	<a href="#">135TA5306</a>
	2	80	9	29	210			40-10	<a href="#">135TA5164</a>
	2	82	8	28	190			40-10	<a href="#">136TA3476</a>
	2	82	9	24	239	V		55-25	<a href="#">135TA5546</a>
	2	82	9	25	213			55-20	<a href="#">135TA5484</a>
	2	82	9	25	293				<a href="#">106TA8260</a>
	2	82	10	31	278	V		40-10	<a href="#">135TA5529</a>

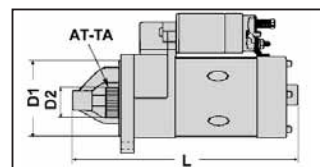


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STARTERS

used for: **YALE**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	82	10	39	305	V		35-05	<a href="#">135TA5092</a>
	2	82,5	9	25	275	V		50-20	<a href="#">105TA5439</a>
	2	82,5	9	25	285	V		55-25	<a href="#">135TA5142</a>
	2	82,5	9	29	195		V	35-05	<a href="#">136TA3473</a>
	2	82,5	9	29	233			35-05	<a href="#">135TA5549</a>
	2	82,5	9	30	291			55-25	<a href="#">106TA8281</a>
	2	82,5	9	30	320			40-10	<a href="#">119TA7506</a>
	2	82,5	9	35	210		V	50-20	<a href="#">135TA5226</a>
	2	82,5	9	35	225		V	55-25	<a href="#">124TA6116</a>
	2	82,5	10	38,5	288			50-20	<a href="#">124TA6143</a>
	2	82,5	10	40	220		V	40-15	<a href="#">135TA5318</a>
	2	82,5	11	34	230		V	55-25	<a href="#">135TA5236</a>



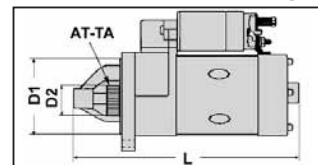
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used for: **YALE**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	2	89	10	40	220		V	40-10	<a href="#">124TA6060</a>
	2	89	10	40	250	V	V	40-10	<a href="#">105TA5489</a>
	2	89	13	39	295	V	V	50-20	<a href="#">135TA5606</a>
	2	89,6	11	40	295	V	V	40-10	<a href="#">135TA5424</a>
	2	90	11	40	290	V	V	45-10	<a href="#">135TA5331</a>
	2	95	9	32	235		V	35-05	<a href="#">135TA5168</a>
	2	95	9	35	224		V	50-20	<a href="#">135TA5426</a>
	2	95	9	35	228		V	35-05	<a href="#">135TA5583</a>
	2	95	11	38	292		V	40-10	<a href="#">135TA5284</a>
	2	95	11	43,2	317		V	45-15	<a href="#">135TA5506</a>
	3	74	9	29	210		V	40-50-10	<a href="#">124TA6055</a>
	3	74	9	29	230		V	40-50-10	<a href="#">124TA6058</a>



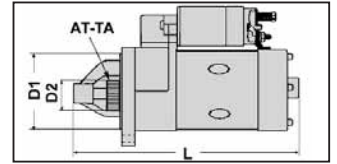


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used for: **YALE**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	88	10	39,5	340	V		35-50-05	<a href="#">136TA3522</a>
	3	88,5	9	29	225		V	40-55-10	<a href="#">135TA5104</a>
	3	88,5	9	29	305			30-45-60	<a href="#">135TA5117</a>
	3	88,5	9	36	305			35-50-05	<a href="#">135TA5150</a>
	3	88,5	9	36	306	V		35-05-20	<a href="#">136TA3504</a>
	3	88,5	10	38	310	V		35-50-05	<a href="#">135TA5145</a>
	3	88,5	10	39	310			35-50-05	<a href="#">124TA6067</a>
	3	88,5	10	39	340	V	V	35-50-10	<a href="#">135TA5327</a>
	3	88,5	10	39	345	V		35-50-05	<a href="#">135TA5149</a>
	3	88,5	10	40	290		V	40-55-10	<a href="#">124TA6059</a>
	3	88,5	10	40	305	V		35-50-05	<a href="#">135TA5147</a>
	3	88,5	10	40	310	V		35-50-05	<a href="#">135TA5114</a>





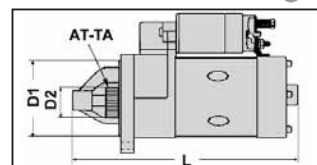
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used for: **YALE**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	88,5	10	40	340		V	55-10-20	<a href="#">135TA5160</a>
	3	88,5	10	40	345	V		35-50-05	<a href="#">135TA5380</a>
	3	88,8	10	40	285	V	V	40-55-10	<a href="#">119TA7525</a>
	3	88,8	13	45,5	307			40-55-10	<a href="#">135TA5463</a>
	3	89	10	39	310			50-10-20	<a href="#">135TA5125</a>
	3	89	10	39	360			40-55-10	<a href="#">135TA5115</a>
	3	89	10	40	290		V	55-10-25	<a href="#">135TA5095</a>
	3	89	10	40,5	293		V	40-55-10	<a href="#">136TA3547</a>
	3	89	13	45,7	307			55-10-25	<a href="#">103TA3507</a>
	3	92	10	39	308			50-10-25	<a href="#">135TA5347</a>
	3	92	12	46	460			35-50-10	<a href="#">135TA5148</a>
	3	100	12	48	305			55-10-25	<a href="#">135TA5262</a>

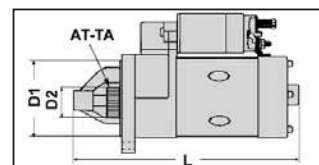


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STARTERS

used for: **YALE**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
12	3	100	13	51	240		V	50-05-20	<a href="#">135TA5301</a>
	3	100	13	51	264		V	55-10-25	<a href="#">105TA5440</a>
	3	100	13	51	265		V	55-10-25	<a href="#">135TA5263</a>
	3	100	13	51	275		V	55-10-25	<a href="#">105TA5470</a>
24	2	82	11	41	250	V	V	40-10	<a href="#">135TA5200</a>
	2	82,5	10	38	288		V	50-20	<a href="#">135TA5294</a>
	2	82,5	10	39	290		V	40-10	<a href="#">135TA5299</a>
	2	90	11	40	295	V	V	45-10	<a href="#">124TA6127</a>
	2	105	11	40	295		V	50-20	<a href="#">135TA5238</a>
	2	105	11	40	295		V	40-10	<a href="#">135TA5178</a>
	2	105	11	40	346			40-10	<a href="#">106TA8400</a>
	3	88,5	9	34	415			35-55-05	<a href="#">106TA8268</a>



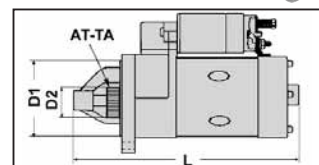
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STARTERS

used for: **YALE**



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new
24	3	88,8	10	39	340			35-55-05	<a href="#">135TA5589</a>
	3	92	11	55,5	414	V	V	45-05-25	<a href="#">135TA5542</a>
	3	105	11	40	370			40-55-10	<a href="#">135TA5268</a>

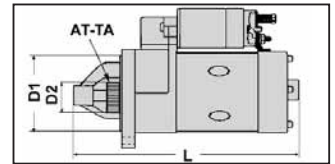


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## complete range



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new	for picture see make
6	2	82	9	36	319			30-60	<a href="#">103TA3525</a>	MITSUBISHI-CATERPILLAR
6	3	88,5	9	36	322			30-45-60	<a href="#">106TA8295</a>	YALE
6	3	88,5	10	40	327			30-45-60	<a href="#">106TA8287</a>	YALE
6	3	88,5	13	46	362			30-45-60	<a href="#">106TA8291</a>	YALE
12	2	54,7	13	40,4	223		V	45-15	<a href="#">135TA5629</a>	TOYOTA
12	2	55	9	29	210		V	45-10	<a href="#">107TA9606</a>	TOYOTA
12	2	55	9	29	220		V	45-15	<a href="#">105TA5421</a>	TOYOTA
12	2	55	10	32	210		V	50-20	<a href="#">103TA3496</a>	TOYOTA
12	2	60	14	42,7	230		V	45-20	<a href="#">135TA5599</a>	MITSUBISHI-CATERPILLAR
12	2	65,8	9	29,2	189			40-10	<a href="#">135TA5445</a>	MOFFETT
12	2	66	9	0	231			40-10	<a href="#">135TA5467</a>	HAKO
12	2	66	9	25,2	212			40-10	<a href="#">107TA9403</a>	OM PIMESPO
12	2	66	9	29	195		V	40-10	<a href="#">135TA5186</a>	UPRIGHT
12	2	66	9	29	201			40-10	<a href="#">136TA3536</a>	TCM
12	2	66	9	29	210			40-10	<a href="#">107TA9612</a>	TOYOTA
12	2	66	9	29,2	177		V	40-10	<a href="#">135TA5438</a>	TENNANT
12	2	66	9	29,3	208			40-10	<a href="#">124TA6195</a>	TCM
12	2	67	8	28	245			35-05	<a href="#">135TA5645</a>	MITSUBISHI-CATERPILLAR
12	2	68	8	28	220			50-20	<a href="#">105TA5059</a>	MITSUBISHI-CATERPILLAR
12	2	68	11	0	233				<a href="#">135TA5586</a>	KOMATSU
12	2	68	11	29	245				<a href="#">136TA3534</a>	MITSUBISHI-CATERPILLAR
12	2	68	11	29,5	218	V			<a href="#">135TA5536</a>	CLARK-SAMSUNG
12	2	68	11	29,5	230				<a href="#">135TA5543</a>	YALE
12	2	68	11	30	232				<a href="#">136TA3527</a>	YALE
12	2	70	8	28	220			35-05	<a href="#">103TA3280</a>	NISSAN
12	2	70	8	28	230			35-05	<a href="#">105TA5285</a>	MITSUBISHI-CATERPILLAR
12	2	70	8	29	215			30-05	<a href="#">105TA5318</a>	NISSAN
12	2	70	9	26	238			50-15	<a href="#">106TA8337</a>	KOMATSU
12	2	70	9	28	230			35-05	<a href="#">136TA3559</a>	MITSUBISHI-CATERPILLAR
12	2	70	9	29	220			55-25	<a href="#">135TA5373</a>	YALE
12	2	70	9	29	230			30-05	<a href="#">103TA3261</a>	NISSAN
12	2	73,2	11	33,5	178	V	V	40-10	<a href="#">135TA5621</a>	YALE
12	2	73,3	9	28,5	206,5			40-10	<a href="#">136TA3555</a>	HANGZHOU / HC / HANGCHA
12	2	73,7	12	37	240			40-10	<a href="#">135TA5430</a>	YALE
12	2	74	8	26	226			40-05	<a href="#">105TA5277</a>	MITSUBISHI-CATERPILLAR
12	2	74	8	28	188			40-10	<a href="#">124TA6098</a>	YALE
12	2	74	8	28	194			40-10	<a href="#">135TA5401</a>	YALE
12	2	74	9	28,8	187,5		V	50-15	<a href="#">135TA5408</a>	YALE
12	2	74	9	28,8	208			40-10	<a href="#">136TA3566</a>	HANGZHOU / HC / HANGCHA
12	2	74	9	29	190	V	V	50-20	<a href="#">136TA3497</a>	YALE
12	2	74	9	29	195		V	40-10	<a href="#">103TA3293</a>	TOYOTA
12	2	74	9	29	210		V	50-20	<a href="#">105TA5418</a>	TOYOTA
12	2	74	9	29	210			40-10	<a href="#">135TA5472</a>	JCB
12	2	74	9	29	213			50-10	<a href="#">136TA3562</a>	AUSA
12	2	74	9	29	215			45-10	<a href="#">135TA5397</a>	YALE

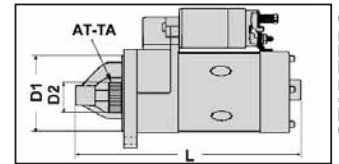
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## complete range



voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new	for picture see make
12	2	74	9	29	225			50-20	<a href="#">105TA5286</a>	MITSUBISHI-CATERPILLAR
12	2	74	9	29	230			55-25	<a href="#">105TA5430</a>	TOYOTA
12	2	74	9	29	235		V	45-10	<a href="#">103TA3430</a>	MITSUBISHI-CATERPILLAR
12	2	74	9	29	250			55-25	<a href="#">135TA5250</a>	TOYOTA
12	2	74	9	29	255			35-05	<a href="#">105TA5879</a>	TOYOTA
12	2	74	9	29,2	230		V	50-20	<a href="#">107TA9592</a>	TOYOTA
12	2	74	9	29,5	230			35-05	<a href="#">105TA5264</a>	MITSUBISHI-CATERPILLAR
12	2	74	9	30	188			40-10	<a href="#">124TA6170</a>	YALE
12	2	74	9	30	230,5			35-05	<a href="#">105TA5419</a>	TOYOTA
12	2	74	11	34	228		V	45-15	<a href="#">105TA5309</a>	MITSUBISHI-CATERPILLAR
12	2	74	13	38	248		V	45-10	<a href="#">135TA5305</a>	O&K
12	2	74,8	11	0	204			55-25	<a href="#">135TA5498</a>	TENNANT
12	2	75	13	39,8	202			50-20	<a href="#">136TA3549</a>	NISSAN
12	2	76	9	25	256			35-05	<a href="#">106TA8388</a>	LINDE-LANSING
12	2	76	9	25	265			35-05	<a href="#">106TA8356</a>	LINDE-LANSING
12	2	76	9	29	234			40-10	<a href="#">135TA5537</a>	HAULOTTE
12	2	76	9	29	260			55-25	<a href="#">105TA5101</a>	DESTA
12	2	76	9	29	260			50-20	<a href="#">135TA5265</a>	HAULOTTE
12	2	76	9	33	284			35-05	<a href="#">135TA5526</a>	JUNGHEINRICH-STEINBOCK
12	2	76	10	27	257			50-20	<a href="#">135TA5630</a>	LINDE-LANSING
12	2	76	10	27,6	257			50-20	<a href="#">135TA5473</a>	LINDE-LANSING
12	2	76	10	27,8	244			55-25	<a href="#">136TA3544</a>	LINDE-LANSING
12	2	76	11	28,8	239			55-25	<a href="#">136TA3564</a>	LINDE-LANSING
12	2	76,5	11	33,5	176	V	V	40-10	<a href="#">135TA5624</a>	YALE
12	2	76,8	8	28	189			40-10	<a href="#">135TA5611</a>	TCM
12	2	76,8	9	29,5	230			40-10	<a href="#">107TA9412</a>	MITSUBISHI-CATERPILLAR
12	2	76,8	15	44,8	226		V	40-10	<a href="#">106TA8251</a>	MITSUBISHI-CATERPILLAR
12	2	77	8	26	188			40-10	<a href="#">105TA5050</a>	MITSUBISHI-CATERPILLAR
12	2	77	8	27	220			40-10	<a href="#">135TA5593</a>	HYUNDAI
12	2	77	8	28	183			40-10	<a href="#">106TA8354</a>	MITSUBISHI-CATERPILLAR
12	2	77	8	28	190			40-10	<a href="#">124TA6095</a>	NISSAN
12	2	77	8	28	207,5			40-10	<a href="#">135TA5616</a>	MITSUBISHI-CATERPILLAR
12	2	77	8	28,3	185			40-10	<a href="#">135TA5553</a>	YALE
12	2	77	8	28,5	208			40-10	<a href="#">107TA9610</a>	MITSUBISHI-CATERPILLAR
12	2	77	9	29	192			40-10	<a href="#">105TA5850</a>	MITSUBISHI-CATERPILLAR
12	2	77	9	29	254	V		35-05	<a href="#">135TA5556</a>	MITSUBISHI-CATERPILLAR
12	2	77	10	31	210			40-10	<a href="#">135TA5338</a>	YALE
12	2	77	10	32,5	240		V	40-05	<a href="#">135TA5596</a>	MITSUBISHI-CATERPILLAR
12	2	77	10	33	240		V	40-10	<a href="#">105TA5051</a>	MITSUBISHI-CATERPILLAR
12	2	77	11	34	210		V	40-10	<a href="#">119TA7503</a>	MITSUBISHI-CATERPILLAR
12	2	77	11	34	220		V	40-10	<a href="#">124TA6103</a>	TCM
12	2	77	11	34	220		V	40-10	<a href="#">136TA3459</a>	MITSUBISHI-CATERPILLAR
12	2	77	11	34	220	V	V	40-10	<a href="#">116TA7182</a>	MITSUBISHI-CATERPILLAR
12	2	77	13	40	239		V	55-25	<a href="#">135TA5477</a>	MITSUBISHI-CATERPILLAR
12	2	77	13	41	240		V	55-25	<a href="#">135TA5306</a>	YALE

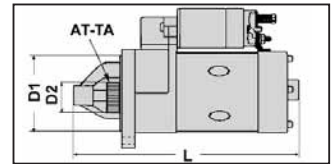


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## complete range



voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new	for picture see make
12	2	77	14	42,7	222	V		40-10	<a href="#">135TA5595</a>	MITSUBISHI-CATERPILLAR
12	2	77	15	45	220		V	40-10	<a href="#">105TA5852</a>	MITSUBISHI-CATERPILLAR
12	2	77	15	45	228		V	55-25	<a href="#">135TA5310</a>	MOFFETT
12	2	80	8	28	192			35-05	<a href="#">136TA3523</a>	KOMATSU
12	2	80	9	29	210		V	40-10	<a href="#">124TA6084</a>	TCM
12	2	80	9	29	210			40-10	<a href="#">135TA5164</a>	YALE
12	2	81,5	11	39	307			55-25	<a href="#">136TA3533</a>	HYUNDAI
12	2	82	8	27	185			35-05	<a href="#">105TA5390</a>	TCM
12	2	82	8	28	190			40-10	<a href="#">136TA3476</a>	YALE
12	2	82	8	29	210			55-25	<a href="#">116TA7142</a>	TCM
12	2	82	8	29	235			40-10	<a href="#">135TA5231</a>	TCM
12	2	82	9	24	239	V		55-25	<a href="#">135TA5546</a>	YALE
12	2	82	9	25	213			55-20	<a href="#">135TA5484</a>	YALE
12	2	82	9	25	293				<a href="#">106TA8260</a>	YALE
12	2	82	9	25	300	V		45-15	<a href="#">105TA5024</a>	MITSUBISHI-CATERPILLAR
12	2	82	9	29	210	V	V	40-10	<a href="#">124TA6111</a>	TCM
12	2	82	9	29	230			40-10	<a href="#">124TA6099</a>	MITSUBISHI-CATERPILLAR
12	2	82	9	29	232			40-10	<a href="#">135TA5343</a>	TCM
12	2	82	9	29	250			50-20	<a href="#">105TA5869</a>	MITSUBISHI-CATERPILLAR
12	2	82	9	29	260			50-20	<a href="#">105TA5399</a>	TCM
12	2	82	9	29	280			50-20	<a href="#">106TA8373</a>	LINDE-LANSING
12	2	82	9	29	313			55-25	<a href="#">105TA5395</a>	TCM
12	2	82	9	34	295			55-25	<a href="#">107TA9575</a>	FENWICK & PEG
12	2	82	9	36	318			35-05	<a href="#">105TA5847</a>	MITSUBISHI-CATERPILLAR
12	2	82	9	36,5	291,5			50-20	<a href="#">106TA8259</a>	FENWICK & PEG
12	2	82	10	31	278	V		40-10	<a href="#">135TA5529</a>	YALE
12	2	82	10	38,8	240		V	50-20	<a href="#">136TA3539</a>	MITSUBISHI-CATERPILLAR
12	2	82	10	39	305	V		35-05	<a href="#">135TA5092</a>	YALE
12	2	82	10	40	305	V		35-05	<a href="#">105TA5025</a>	MITSUBISHI-CATERPILLAR
12	2	82	11	34	240		V	40-10	<a href="#">105TA5266</a>	MITSUBISHI-CATERPILLAR
12	2	82	11	39	300	V	V	50-25	<a href="#">135TA5594</a>	HANGZHOU / HC / HANGCHA
12	2	82	11	40	230	V	V	50-20	<a href="#">135TA5255</a>	TOYOTA
12	2	82,2	9	33,4	220	V	V	40-10	<a href="#">135TA5532</a>	TCM
12	2	82,4	9	35	259			55-25	<a href="#">135TA5441</a>	TOYOTA
12	2	82,4	11	34,5	238,5		V	40-10	<a href="#">103TA3246</a>	MITSUBISHI-CATERPILLAR
12	2	82,5	9	25	255			55-25	<a href="#">106TA8340</a>	LINDE-LANSING
12	2	82,5	9	25	275	V		50-20	<a href="#">105TA5439</a>	YALE
12	2	82,5	9	25	285	V		55-25	<a href="#">135TA5142</a>	YALE
12	2	82,5	9	25	285			55-25	<a href="#">106TA8347</a>	STILL
12	2	82,5	9	25	292				<a href="#">136TA3521</a>	MITSUBISHI-CATERPILLAR
12	2	82,5	9	29	195		V	35-05	<a href="#">136TA3473</a>	YALE
12	2	82,5	9	29	197		V	55-25	<a href="#">135TA5311</a>	TCM
12	2	82,5	9	29	198		V	55-25	<a href="#">103TA3584</a>	NISSAN
12	2	82,5	9	29	200		V	55-25	<a href="#">135TA5274</a>	TCM
12	2	82,5	9	29	221,5			55-25	<a href="#">105TA5402</a>	TCM

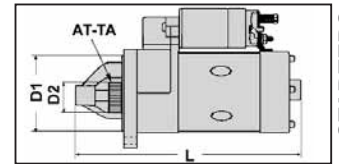
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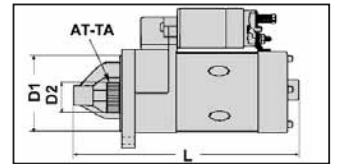
voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new	for picture see make
12	2	82,5	9	29	230			55-25	<a href="#">135TA5245</a>	TOYOTA
12	2	82,5	9	29	233			35-05	<a href="#">135TA5549</a>	YALE
12	2	82,5	9	29	243			35-05	<a href="#">106TA5111</a>	NISSAN
12	2	82,5	9	30	291			55-25	<a href="#">106TA8281</a>	YALE
12	2	82,5	9	30	320			40-10	<a href="#">119TA7506</a>	YALE
12	2	82,5	9	33,5	220	V	V	40-10	<a href="#">135TA5492</a>	HYUNDAI
12	2	82,5	9	33,7	250			30-05	<a href="#">136TA3552</a>	GENIE
12	2	82,5	9	34	210		V	40-10	<a href="#">135TA5312</a>	TENNANT
12	2	82,5	9	34	255			35-05	<a href="#">135TA5464</a>	OM PIMESPO
12	2	82,5	9	35	210		V	50-20	<a href="#">135TA5226</a>	YALE
12	2	82,5	9	35	210		V	50-20	<a href="#">103TA3270</a>	NISSAN
12	2	82,5	9	35	218,5		V	40-05	<a href="#">135TA5495</a>	NISSAN
12	2	82,5	9	35	225		V	55-25	<a href="#">124TA6116</a>	YALE
12	2	82,5	9	35	225		V	55-25	<a href="#">105TA5490</a>	NISSAN
12	2	82,5	9	35	230		V	45-15	<a href="#">135TA5279</a>	TOYOTA
12	2	82,5	9	35	245		V	35-05	<a href="#">106TA8319</a>	NISSAN
12	2	82,5	9	35	285			35-05	<a href="#">105TA5394</a>	TCM
12	2	82,5	9	35	290			50-20	<a href="#">135TA5360</a>	MANITOU
12	2	82,5	10	32,2	303			40-10	<a href="#">135TA5440</a>	MITSUBISHI-CATERPILLAR
12	2	82,5	10	38	258	V	V	55-25	<a href="#">135TA5394</a>	NISSAN
12	2	82,5	10	38	276		V	55-25	<a href="#">136TA3492</a>	NISSAN
12	2	82,5	10	38	315			35-05	<a href="#">106TA5127</a>	MANITOU
12	2	82,5	10	38,5	252	V	V	50-25	<a href="#">135TA5525</a>	MITSUBISHI-CATERPILLAR
12	2	82,5	10	38,5	288			50-20	<a href="#">124TA6143</a>	YALE
12	2	82,5	10	40	220		V	40-15	<a href="#">135TA5318</a>	YALE
12	2	82,5	11	34	225		V	35-05	<a href="#">105TA5385</a>	TCM
12	2	82,5	11	34	230		V	55-25	<a href="#">135TA5236</a>	YALE
12	2	82,5	11	40	295			55-20	<a href="#">106TA8341</a>	BT
12	2	82,5	11	40	300		V	45-15	<a href="#">135TA5365</a>	TOYOTA
12	2	82,5	11	41	248		V	40-10	<a href="#">105TA5259</a>	MITSUBISHI-CATERPILLAR
12	2	82,5	11	41	298		V	40-10	<a href="#">135TA5513</a>	TOYOTA
12	2	82,5	11	42	215		V	45-15	<a href="#">105TA5380</a>	TCM
12	2	82,5	13	39	242	V	V	50-20	<a href="#">103TA3575</a>	MITSUBISHI-CATERPILLAR
12	2	82,5	13	46,5	292			35-05	<a href="#">135TA5581</a>	TENNANT
12	2	83	10	39	320			40-10	<a href="#">107TA9614</a>	MANITOU
12	2	83,3	9	29,2	210		V	35-05	<a href="#">135TA5454</a>	TCM
12	2	88,5	9	29	220			40-10	<a href="#">116TA7112</a>	TCM
12	2	88,5	10	40	290			55-25	<a href="#">106TA8305</a>	SALEV
12	2	88,8	10	40	233		V	40-10	<a href="#">135TA5545</a>	MITSUBISHI-CATERPILLAR
12	2	89	10	40	187		V	50-20	<a href="#">135TA5132</a>	TOYOTA
12	2	89	10	40	220		V	40-10	<a href="#">124TA6060</a>	YALE
12	2	89	10	40	225		V	50-20	<a href="#">135TA5110</a>	HYUNDAI
12	2	89	10	40	250	V	V	40-10	<a href="#">105TA5489</a>	YALE
12	2	89	10	40	290		V	40-10	<a href="#">135TA5108</a>	TENNANT
12	2	89	10	40,3	300		V	50-20	<a href="#">135TA5562</a>	HYSTER

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voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new	for picture see make
12	2	89	13	39	295	V	V	50-20	<a href="#">135TA5606</a>	YALE
12	2	89,6	11	40	295	V	V	40-10	<a href="#">135TA5424</a>	YALE
12	2	90	11	40	290		V	50-20	<a href="#">105TA5417</a>	TOYOTA
12	2	90	11	40	290	V	V	45-10	<a href="#">135TA5331</a>	YALE
12	2	94,5	9	32,5	230		V	40-10	<a href="#">116TA7239</a>	TCM
12	2	94,9	9	35,6	223,5		V	50-20	<a href="#">136TA3540</a>	TCM
12	2	95	9	29	220			40-05	<a href="#">105TA5364</a>	TCM
12	2	95	9	31,8	230		V	40-10	<a href="#">135TA5494</a>	TCM
12	2	95	9	31,8	243		V	40-10	<a href="#">135TA5638</a>	MINIBISHI-CATERPILLAR
12	2	95	9	32	210		V	40-10	<a href="#">105TA5369</a>	TCM
12	2	95	9	32	210		V	40-10	<a href="#">105TA5368</a>	TCM
12	2	95	9	32	210		V	35-05	<a href="#">135TA5181</a>	TCM
12	2	95	9	32	210		V	40-10	<a href="#">135TA5496</a>	HYUNDAI
12	2	95	9	32	227		V	35-05	<a href="#">135TA5636</a>	HANGZHOU / HC / HANGCHA
12	2	95	9	32	230		V	40-10	<a href="#">105TA5408</a>	TCM
12	2	95	9	32	230		V	40-10	<a href="#">111TA1192</a>	TCM
12	2	95	9	32	230		V	40-10	<a href="#">105TA5377</a>	TCM
12	2	95	9	32	233		V	40-10	<a href="#">107TA9405</a>	MINIBISHI-CATERPILLAR
12	2	95	9	32	235		V	40-10	<a href="#">105TA5877</a>	TCM
12	2	95	9	32	235		V	35-05	<a href="#">135TA5168</a>	YALE
12	2	95	9	32	285			40-10	<a href="#">105TA5383</a>	TCM
12	2	95	9	32	285			40-10	<a href="#">116TA7111</a>	TCM
12	2	95	9	32	305			40-10	<a href="#">105TA5410</a>	TCM
12	2	95	9	32	315		V	40-10	<a href="#">135TA5180</a>	MINIBISHI-CATERPILLAR
12	2	95	9	32	317	V	V	40-10	<a href="#">105TA5173</a>	KOMATSU
12	2	95	9	32	321,5	V	V	40-10	<a href="#">105TA5407</a>	TCM
12	2	95	9	32,5	188		V	40-10	<a href="#">107TA9419</a>	TCM
12	2	95	9	32,5	225		V	35-05	<a href="#">135TA5631</a>	HELI
12	2	95	9	32,5	230		V	40-10	<a href="#">106TA8277</a>	TCM
12	2	95	9	32,5	298			40-10	<a href="#">107TA9611</a>	TCM
12	2	95	9	34,8	255		V	35-05	<a href="#">135TA5644</a>	HANGZHOU / HC / HANGCHA
12	2	95	9	35	224		V	50-20	<a href="#">135TA5426</a>	YALE
12	2	95	9	35	228		V	35-05	<a href="#">135TA5583</a>	YALE
12	2	95	9	35,5	222			40-10	<a href="#">116TA7240</a>	TCM
12	2	95	9	35,6	223		V	45-15	<a href="#">136TA3515</a>	NISSAN
12	2	95	10	39,6	235		V	40-10	<a href="#">135TA5468</a>	CLARK-SAMSUNG
12	2	95	11	33,7	200	V	V	40-10	<a href="#">135TA5540</a>	TCM
12	2	95	11	34	188	V	V	40-10	<a href="#">106TA8248</a>	TOYOTA
12	2	95	11	38	292		V	40-10	<a href="#">135TA5284</a>	YALE
12	2	95	11	38,2	295	V	V	40-10	<a href="#">105TA5203</a>	KOMATSU
12	2	95	11	43,2	317		V	45-15	<a href="#">135TA5506</a>	YALE
12	2	95	15	43,7	224		V	35-05	<a href="#">135TA5449</a>	TOYOTA
12	2	95	15	44	233,5		V	35-05	<a href="#">124TA6212</a>	TOYOTA
12	2	95	15	44	290		V	40-10	<a href="#">135TA5603</a>	TOYOTA
12	2	104	9	25	240			35-05	<a href="#">103TA3138</a>	CLARK-SAMSUNG

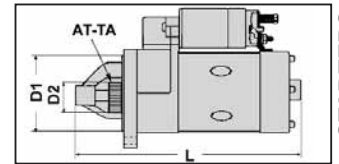
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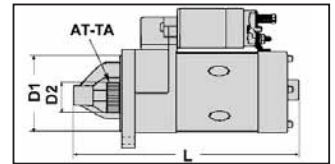
voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new	for picture see make
12	2	104	9	25	290			35-05	<a href="#">135TA5112</a>	HYSTER
12	3	0	11	28,5	237	V		40-50-05	<a href="#">106TA8392</a>	COVENTRY CLIMAX
12	3	65	10	27	262			40-55-05	<a href="#">109TA5992</a>	LINDE-LANSING
12	3	65	12	0	229	V		35-50-05	<a href="#">135TA5533</a>	MITSUBISHI-CATERPILLAR
12	3	65	12	32	222			35-50-05	<a href="#">107TA9560</a>	MITSUBISHI-CATERPILLAR
12	3	65	13	32	190			35-50-05	<a href="#">136TA3503</a>	STILL
12	3	65,8	9	25,5	216			40-55-05	<a href="#">103TA3567</a>	STILL
12	3	66	9	25	190			40-55-05	<a href="#">103TA3393</a>	MITSUBISHI-CATERPILLAR
12	3	66	9	25	195			55-10-25	<a href="#">105TA5356</a>	STILL
12	3	66	9	25	197			40-55-10	<a href="#">135TA5515</a>	MANITOU
12	3	67	9	25	197			55-10-25	<a href="#">135TA5282</a>	STILL
12	3	73,8	10	31,5	208			50-05-20	<a href="#">105TA5311</a>	MITSUBISHI-CATERPILLAR
12	3	74	9	29	210		V	40-50-10	<a href="#">124TA6055</a>	YALE
12	3	74	9	29	210		V	40-50-10	<a href="#">135TA5368</a>	MITSUBISHI-CATERPILLAR
12	3	74	9	29	230		V	40-50-10	<a href="#">105TA5384</a>	TCM
12	3	74	9	29	230		V	40-50-10	<a href="#">124TA6058</a>	YALE
12	3	74	10	31	208			50-05-20	<a href="#">103TA3577</a>	MITSUBISHI-CATERPILLAR
12	3	76	9	25	296			05-15-25	<a href="#">107TA9596</a>	HYSTER
12	3	76	10	25,5	211			35-55-05	<a href="#">135TA5422</a>	UPRIGHT
12	3	76	10	26,5	240			50-10-20	<a href="#">135TA5433</a>	KOMATSU
12	3	76	10	26,5	243			40-55-10	<a href="#">106TA8391</a>	JUNGHEINRICH-STEINBOCK
12	3	76	10	26,8	195			55-05-20	<a href="#">135TA5509</a>	TENNANT
12	3	82	9	25	246			55-10-25	<a href="#">135TA5518</a>	SALEV
12	3	82	9	25	260			55-05-25	<a href="#">106TA8299</a>	OM PIMESPO
12	3	82	9	25	265			35-50-05	<a href="#">106TA8267</a>	OM PIMESPO
12	3	82	9	25	265			35-05-20	<a href="#">105TA5360</a>	STILL
12	3	82	11	29	225			35-50-05	<a href="#">105TA5113</a>	OM PIMESPO
12	3	82	11	35	292			30-35-05	<a href="#">116TA7212</a>	MANITOU
12	3	82,5	9	25	223			35-50-05	<a href="#">103TA3544</a>	OM PIMESPO
12	3	82,5	9	25	223			55-10-25	<a href="#">106TA8265</a>	STILL
12	3	82,5	9	25	225			35-05-20	<a href="#">106TA8376</a>	LINDE-LANSING
12	3	82,5	9	25	225			35-05-20	<a href="#">103TA3377</a>	STILL
12	3	82,5	9	25	320			40-55-20	<a href="#">135TA5471</a>	JUNGHEINRICH-STEINBOCK
12	3	82,5	10	27	260			35-50-05	<a href="#">105TA5114</a>	OM PIMESPO
12	3	82,5	11	29	253			30-05-15	<a href="#">105TA5856</a>	OM PIMESPO
12	3	88	10	39	307	V		35-50-10	<a href="#">103TA3570</a>	MANITOU
12	3	88	10	39,5	340	V		35-50-05	<a href="#">136TA3522</a>	YALE
12	3	88,3	12	46,2	403			35-50-05	<a href="#">107TA9590</a>	CLARK-SAMSUNG
12	3	88,4	10	39,2	306	V		50-10-20	<a href="#">135TA5511</a>	LINDE-LANSING
12	3	88,5	9	25	305			30-60-15	<a href="#">105TA5068</a>	CLARK-SAMSUNG
12	3	88,5	9	29	225		V	40-55-10	<a href="#">135TA5104</a>	YALE
12	3	88,5	9	29	252			40-50-05	<a href="#">106TA8310</a>	KOMATSU
12	3	88,5	9	29	305	V		35-55-10	<a href="#">106TA8339</a>	CLARK-SAMSUNG
12	3	88,5	9	29	305			30-45-60	<a href="#">135TA5117</a>	YALE
12	3	88,5	9	29	305	V		40-55-10	<a href="#">105TA5021</a>	MITSUBISHI-CATERPILLAR

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voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new	for picture see make
12	3	88,5	9	29	305	V		30-45-60	<a href="#">124TA6069</a>	NISSAN
12	3	88,5	9	29	310			35-50-05	<a href="#">116TA7108</a>	HYSTER
12	3	88,5	9	34	295			35-50-05	<a href="#">135TA5191</a>	TOYOTA
12	3	88,5	9	34	295			50-05-20	<a href="#">135TA5383</a>	SALEV
12	3	88,5	9	34	302,5			40-50-10	<a href="#">135TA5538</a>	LINDE-LANSING
12	3	88,5	9	34	340			55-10-25	<a href="#">105TA5122</a>	OM PIMESPO
12	3	88,5	9	34	340			35-50-05	<a href="#">135TA5194</a>	STILL
12	3	88,5	9	34	382			35-55-10	<a href="#">105TA5351</a>	STILL
12	3	88,5	9	34,5	340			50-05-20	<a href="#">106TA8336</a>	STILL
12	3	88,5	9	35	330			40-05-20	<a href="#">103TA3160</a>	CLARK-SAMSUNG
12	3	88,5	9	36	118			40-55-10	<a href="#">135TA5535</a>	SALEV
12	3	88,5	9	36	305			35-50-05	<a href="#">135TA5150</a>	YALE
12	3	88,5	9	36	306	V		35-05-20	<a href="#">136TA3504</a>	YALE
12	3	88,5	10	26	220			35-50-05	<a href="#">103TA3169</a>	FENWICK & PEG
12	3	88,5	10	27	292			40-55-10	<a href="#">106TA8309</a>	STILL
12	3	88,5	10	32	345			50-10-25	<a href="#">106TA8346</a>	CLARK-SAMSUNG
12	3	88,5	10	36,5	309			45-60-15	<a href="#">135TA5475</a>	CLARK-SAMSUNG
12	3	88,5	10	38	310	V		35-50-05	<a href="#">135TA5145</a>	YALE
12	3	88,5	10	38	335			45-60-15	<a href="#">103TA3152</a>	CLARK-SAMSUNG
12	3	88,5	10	38	341	V		40-55-05	<a href="#">135TA5344</a>	TCM
12	3	88,5	10	38	345	V		35-50-05	<a href="#">103TA3159</a>	CLARK-SAMSUNG
12	3	88,5	10	38	350	V		35-50-05	<a href="#">103TA3140</a>	CLARK-SAMSUNG
12	3	88,5	10	39	277			55-10-25	<a href="#">135TA5567</a>	MERLO
12	3	88,5	10	39	305	V		55-10-25	<a href="#">105TA5146</a>	HYSTER
12	3	88,5	10	39	306			40-55-10	<a href="#">107TA9416</a>	MANITOU
12	3	88,5	10	39	306	V		35-50-05	<a href="#">105TA5019</a>	MITSUBISHI-CATERPILLAR
12	3	88,5	10	39	310			35-50-05	<a href="#">124TA6067</a>	YALE
12	3	88,5	10	39	335			55-15-25	<a href="#">106TA8338</a>	KOMATSU
12	3	88,5	10	39	340	V	V	35-50-10	<a href="#">135TA5327</a>	YALE
12	3	88,5	10	39	340	V		35-50-10	<a href="#">105TA5061</a>	CLARK-SAMSUNG
12	3	88,5	10	39	345	V		35-50-05	<a href="#">135TA5149</a>	YALE
12	3	88,5	10	39	345	V		45-60-15	<a href="#">124TA6070</a>	CLARK-SAMSUNG
12	3	88,5	10	39	405			55-10-25	<a href="#">135TA5122</a>	HARLAN
12	3	88,5	10	39,5	277			40-50-10	<a href="#">135TA5571</a>	MANITOU
12	3	88,5	10	39,8	317		V	40-55-10	<a href="#">135TA5470</a>	BOBCAT
12	3	88,5	10	40	290		V	40-55-10	<a href="#">124TA6059</a>	YALE
12	3	88,5	10	40	295			55-10-20	<a href="#">106TA8335</a>	LINDE-LANSING
12	3	88,5	10	40	305	V		35-50-05	<a href="#">135TA5147</a>	YALE
12	3	88,5	10	40	310	V		35-50-05	<a href="#">135TA5114</a>	YALE
12	3	88,5	10	40	310	V		35-50-10	<a href="#">103TA3332</a>	CLARK-SAMSUNG
12	3	88,5	10	40	315			55-10-20	<a href="#">105TA5110</a>	FENWICK & PEG
12	3	88,5	10	40	325			50-10-20	<a href="#">105TA5358</a>	STILL
12	3	88,5	10	40	340		V	55-10-20	<a href="#">135TA5160</a>	YALE
12	3	88,5	10	40	345	V		35-50-05	<a href="#">135TA5380</a>	YALE
12	3	88,5	10	40	405	V		55-05-20	<a href="#">105TA5036</a>	MITSUBISHI-CATERPILLAR



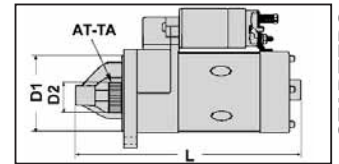
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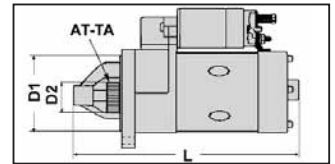
voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new	for picture see make
12	3	88,5	12	46	341		V	55-10-25	<a href="#">106TA8274</a>	CLARK-SAMSUNG
12	3	88,5	12	46	345			55-10-25	<a href="#">135TA5146</a>	NISSAN
12	3	88,6	9	28,8	305			35-05-20	<a href="#">105TA5069</a>	CLARK-SAMSUNG
12	3	88,6	9	29,5	290,5			55-10-25	<a href="#">107TA9557</a>	STILL
12	3	88,7	9	34	324			40-50-10	<a href="#">106TA8389</a>	MANITOU
12	3	88,7	10	38	346			30-45-60	<a href="#">103TA3153</a>	CLARK-SAMSUNG
12	3	88,7	10	39	405			50-05-25	<a href="#">105TA5018</a>	MITSUBISHI-CATERPILLAR
12	3	88,7	10	39,5	309			55-05-25	<a href="#">106TA8257</a>	CLARK-SAMSUNG
12	3	88,7	10	39,5	309,2			40-55-10	<a href="#">124TA6167</a>	SANDERSON
12	3	88,7	10	39,5	334			40-55-25	<a href="#">105TA5875</a>	TCM
12	3	88,7	10	39,5	336			35-50-05	<a href="#">124TA6194</a>	SALEV
12	3	88,8	10	39,8	367,5			50-05-20	<a href="#">135TA5461</a>	KALMAR
12	3	88,8	10	40	285	V	V	40-55-10	<a href="#">119TA7525</a>	YALE
12	3	88,8	10	40	315			50-10-25	<a href="#">135TA5485</a>	OM PIMESPO
12	3	88,8	10	40,4	270			35-55-10	<a href="#">135TA5637</a>	JCB
12	3	88,8	11	41,4	347			35-05-20	<a href="#">135TA5608</a>	JCB
12	3	88,8	12	37	287			50-10-20	<a href="#">135TA5539</a>	MITSUBISHI-CATERPILLAR
12	3	88,8	13	45,5	307			40-55-10	<a href="#">135TA5463</a>	YALE
12	3	89	9	29	288			55-10-25	<a href="#">105TA5355</a>	STILL
12	3	89	9	29	305	V		35-50-05	<a href="#">135TA5481</a>	CLARK-SAMSUNG
12	3	89	9	29	305			35-50-05	<a href="#">105TA5142</a>	HYSTER
12	3	89	9	34	345			40-50-05	<a href="#">106TA8395</a>	LINDE-LANSING
12	3	89	9	36	295			40-05-20	<a href="#">103TA3142</a>	CLARK-SAMSUNG
12	3	89	10	27	252			40-50-05	<a href="#">135TA5479</a>	JUNGHEINRICH-STEINBOCK
12	3	89	10	28	232			55-10-25	<a href="#">135TA5602</a>	MANITOU
12	3	89	10	32	340		V	55-05-20	<a href="#">135TA5324</a>	JCB
12	3	89	10	37,6	295		V	55-10-25	<a href="#">136TA3551</a>	MITSUBISHI-CATERPILLAR
12	3	89	10	38	340			40-55-10	<a href="#">116TA7068</a>	CLARK-SAMSUNG
12	3	89	10	39	225	V	V	40-55-10	<a href="#">124TA6090</a>	MITSUBISHI-CATERPILLAR
12	3	89	10	39	310			50-10-20	<a href="#">135TA5125</a>	YALE
12	3	89	10	39	330			55-05-20	<a href="#">106TA8386</a>	MANITOU
12	3	89	10	39	350	V		55-10-25	<a href="#">103TA3404</a>	HYSTER
12	3	89	10	39	360			40-55-10	<a href="#">135TA5115</a>	YALE
12	3	89	10	39	402			50-05-20	<a href="#">135TA5570</a>	CLARK-SAMSUNG
12	3	89	10	39	405			35-50-05	<a href="#">107TA9415</a>	MITSUBISHI-CATERPILLAR
12	3	89	10	39,5	344			10-40-55	<a href="#">136TA3565</a>	BAUMANN
12	3	89	10	39,7	341	V	V	35-50-05	<a href="#">135TA5559</a>	TCM
12	3	89	10	40	290		V	55-10-25	<a href="#">135TA5095</a>	YALE
12	3	89	10	40	324	V		40-50-10	<a href="#">135TA5482</a>	MITSUBISHI-CATERPILLAR
12	3	89	10	40	330			45-60-15	<a href="#">135TA5364</a>	ALLIS CHALMERS-KALMAR AC
12	3	89	10	40	339,3			50-05-20	<a href="#">136TA3524</a>	STILL
12	3	89	10	40	340		V	55-10-25	<a href="#">103TA3154</a>	HYSTER
12	3	89	10	40	341	V	V	55-10-25	<a href="#">106TA8317</a>	HYSTER
12	3	89	10	40	347			50-10-25	<a href="#">136TA3554</a>	KALMAR
12	3	89	10	40,3	294		V	50-10-25	<a href="#">136TA3558</a>	MITSUBISHI-CATERPILLAR

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voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new	for picture see make
12	3	89	10	40,5	293		V	40-55-10	<a href="#">136TA3547</a>	YALE
12	3	89	11	40	296	V	V	50-10-25	<a href="#">119TA7514</a>	CLARK-SAMSUNG
12	3	89	11	40	315			40-05-20	<a href="#">105TA5244</a>	MANITOU
12	3	89	12	46	342		V	55-10-25	<a href="#">105TA5076</a>	CLARK-SAMSUNG
12	3	89	13	39	295		V	55-10-25	<a href="#">105TA5376</a>	TCM
12	3	89	13	45,7	307			55-10-25	<a href="#">103TA3507</a>	YALE
12	3	89	13	46	308			40-55-10	<a href="#">136TA3500</a>	KOMATSU
12	3	89,5	10	32	305	V		55-10-25	<a href="#">135TA5143</a>	MITSUBISHI-CATERPILLAR
12	3	89,5	10	38	339			55-10-25	<a href="#">135TA5420</a>	KALMAR
12	3	90	13	39	295		V	50-05-15	<a href="#">135TA5389</a>	HYUNDAI
12	3	91	10	33	265			55-10-25	<a href="#">107TA9600</a>	BRUNILIFT
12	3	91	10	40	395			40-60-20	<a href="#">103TA3136</a>	CLARK-SAMSUNG
12	3	91,8	12	46,5	475			35-50-10	<a href="#">107TA9613</a>	HYSTER
12	3	92	9	36	310	V		40-55-10	<a href="#">135TA5578</a>	COVENTRY CLIMAX
12	3	92	10	39	308			50-10-25	<a href="#">135TA5347</a>	YALE
12	3	92	10	39	310			50-10-20	<a href="#">135TA5189</a>	LINDE-LANSING
12	3	92	10	39,5	306			55-10-25	<a href="#">108TA8634</a>	MANITOU
12	3	92	11	39	305			40-55-10	<a href="#">116TA7166</a>	LINDE-LANSING
12	3	92	11	55	460			30-55-05	<a href="#">105TA5035</a>	MITSUBISHI-CATERPILLAR
12	3	92	11	56	530			50-10-25	<a href="#">105TA5132</a>	HYSTER
12	3	92	12	46	460			35-50-10	<a href="#">135TA5148</a>	YALE
12	3	92	12	46	475			55-10-30	<a href="#">124TA6183</a>	MITSUBISHI-CATERPILLAR
12	3	94,8	9	34	370			50-05-20	<a href="#">103TA3174</a>	OM PIMESPO
12	3	94,8	9	34,3	371			40-55-25	<a href="#">105TA5111</a>	OM PIMESPO
12	3	100	9	34,8	239		V	40-55-10	<a href="#">135TA5514</a>	HYUNDAI
12	3	100	11	34	305			40-55-10	<a href="#">135TA5195</a>	MITSUBISHI-CATERPILLAR
12	3	100	12	48	305			55-10-25	<a href="#">135TA5262</a>	YALE
12	3	100	13	51	240		V	50-05-20	<a href="#">135TA5301</a>	YALE
12	3	100	13	51	264		V	55-10-25	<a href="#">105TA5440</a>	YALE
12	3	100	13	51	265		V	55-10-25	<a href="#">135TA5263</a>	YALE
12	3	100	13	51	275		V	55-10-25	<a href="#">105TA5470</a>	YALE
12	3	101,4	10	39,6	308	V		55-10-25	<a href="#">135TA5640</a>	JCB
12	3	103	10	27	224			30-05-15	<a href="#">105TA5878</a>	TENNANT
12	3	103,5	10	28	225			30-05-00	<a href="#">135TA5410</a>	HARLAN
12	3	105	11	40	238		V	45-05-20	<a href="#">135TA5555</a>	NISSAN
12	3	105	11	40	295		V	35-50-10	<a href="#">105TA5366</a>	TCM
12	3	105	11	40	305			40-55-05	<a href="#">105TA5314</a>	NISSAN
12	3	105	11	40	340	V	V	35-50-05	<a href="#">135TA5387</a>	TOYOTA
12	3	110	9	34	293			55-05-20	<a href="#">135TA5615</a>	OM PIMESPO
12	3	110	9	34	295			50-05-20	<a href="#">135TA5140</a>	OM PIMESPO
12	3	110	9	34	295			35-50-05	<a href="#">124TA6072</a>	STILL
12	3	110	9	34	300			50-05-20	<a href="#">103TA3391</a>	MANITOU
12	3	110	9	34	300			35-45-05	<a href="#">103TA3542</a>	OM PIMESPO
12	3	110	9	34	340			35-50-05	<a href="#">135TA5136</a>	OM PIMESPO
12	3	110	9	34	340			50-05-20	<a href="#">105TA5119</a>	OM PIMESPO

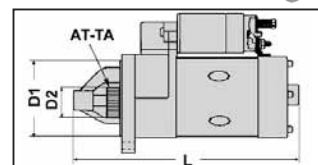
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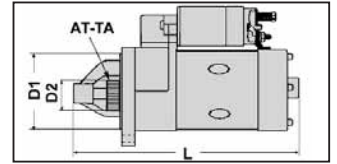
voltage (volt)	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new	for picture see make
12	3	110	9	34,5	338			35-50-05	<a href="#">124TA6174</a>	STILL
12	4	65	10	28	200,5			35-50-55-05	<a href="#">136TA3530</a>	STILL
24	0	55	9	34	420				<a href="#">106TA8393</a>	LINDE-LANSING
24	2	82	10	32	275			40-10	<a href="#">105TA5257</a>	MITSUBISHI-CATERPILLAR
24	2	82	11	34	250		V	40-10	<a href="#">124TA6100</a>	MITSUBISHI-CATERPILLAR
24	2	82	11	34	305			40-10	<a href="#">135TA5199</a>	MITSUBISHI-CATERPILLAR
24	2	82	11	41	250	V	V	40-10	<a href="#">135TA5200</a>	YALE
24	2	82	11	41,5	250		V	40-10	<a href="#">103TA3241</a>	MITSUBISHI-CATERPILLAR
24	2	82	13	39	240		V	40-10	<a href="#">105TA5867</a>	MITSUBISHI-CATERPILLAR
24	2	82,5	9	32	335			55-25	<a href="#">105TA5413</a>	TOYOTA
24	2	82,5	9	34	319			35-05	<a href="#">136TA3560</a>	TEREX
24	2	82,5	9	35	242		V	35-05	<a href="#">105TA5403</a>	TCM
24	2	82,5	10	27	275			35-05	<a href="#">136TA3485</a>	STILL
24	2	82,5	10	27	290			55-25	<a href="#">136TA3481</a>	STILL
24	2	82,5	10	38	288		V	50-20	<a href="#">135TA5294</a>	YALE
24	2	82,5	10	38,5	253	V	V	55-25	<a href="#">136TA3556</a>	MITSUBISHI-CATERPILLAR
24	2	82,5	10	39	288			35-05	<a href="#">135TA5613</a>	TCM
24	2	82,5	10	39	290		V	40-10	<a href="#">135TA5299</a>	YALE
24	2	82,5	11	40	340			55-25	<a href="#">135TA5292</a>	HAULOTTE
24	2	89	10	40	295		V	50-20	<a href="#">136TA3525</a>	OM PIMESPO
24	2	89	11	39	295		V	45-10	<a href="#">106TA8312</a>	TOYOTA
24	2	89,6	9	31,5	284		V	50-20	<a href="#">106TA8264</a>	MITSUBISHI-CATERPILLAR
24	2	90	9	32	295		V	50-20	<a href="#">105TA5416</a>	TOYOTA
24	2	90	9	32	315			55-25	<a href="#">105TA5414</a>	TOYOTA
24	2	90	9	32	315			50-20	<a href="#">105TA5428</a>	TOYOTA
24	2	90	9	32	315	V		50-20	<a href="#">107TA9573</a>	TOYOTA
24	2	90	11	40	295		V	45-15	<a href="#">105TA5422</a>	TOYOTA
24	2	90	11	40	295	V	V	40-10	<a href="#">135TA5259</a>	TOYOTA
24	2	90	11	40	295	V	V	45-10	<a href="#">124TA6127</a>	YALE
24	2	94,5	9	35	329		V	40-10	<a href="#">135TA5516</a>	KOMATSU
24	2	95	9	32	317		V	40-10	<a href="#">119TA7505</a>	TCM
24	2	95	9	32,5	230		V	40-10	<a href="#">106TA5125</a>	KOMATSU
24	2	95	9	34,8	236	V	V	50-20	<a href="#">135TA5501</a>	TCM
24	2	95	9	35	246		V	35-05	<a href="#">136TA3568</a>	TCM
24	2	95	9	35	312			35-05	<a href="#">105TA5362</a>	TCM
24	2	95	9	35	325		V	40-10	<a href="#">103TA3422</a>	KOMATSU
24	2	95	9	35	330		V	40-10	<a href="#">105TA5204</a>	KOMATSU
24	2	95	9	35	330		V	40-10	<a href="#">105TA5862</a>	KOMATSU
24	2	95	9	35	333		V	40-10	<a href="#">107TA9598</a>	KOMATSU
24	2	95	11	37,5	258	V		40-05	<a href="#">135TA5560</a>	MITSUBISHI-CATERPILLAR
24	2	95	11	39,7	295			40-10	<a href="#">135TA5478</a>	TCM
24	2	95	11	40	275		V	40-10	<a href="#">107TA9555</a>	HYUNDAI
24	2	95	11	40,8	287			40-10	<a href="#">135TA5527</a>	TCM
24	2	100	12	45	266		V	45-15	<a href="#">136TA3494</a>	OM PIMESPO
24	2	104,7	11	40,3	375		V	40-10	<a href="#">107TA9615</a>	KOMATSU

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voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new	for picture see make
24	2	105	11	40	290		V	50-20	<a href="#">124TA6138</a>	TOYOTA
24	2	105	11	40	295		V	50-25	<a href="#">124TA6156</a>	TOYOTA
24	2	105	11	40	295		V	50-20	<a href="#">135TA5238</a>	YALE
24	2	105	11	40	295		V	40-10	<a href="#">135TA5178</a>	YALE
24	2	105	11	40	296		V	40-05	<a href="#">135TA5350</a>	TOYOTA
24	2	105	11	40	300		V	40-10	<a href="#">107TA9599</a>	TOYOTA
24	2	105	11	40	330		V	40-10	<a href="#">105TA5208</a>	KOMATSU
24	2	105	11	40	338		V	40-10	<a href="#">105TA5200</a>	KOMATSU
24	2	105	11	40	338		V	40-10	<a href="#">103TA3518</a>	KOMATSU
24	2	105	11	40	346			40-10	<a href="#">106TA8400</a>	YALE
24	2	105	11	40,5	270			35-05	<a href="#">135TA5632</a>	TOYOTA
24	2	110	11	40	290		V	55-20	<a href="#">105TA5043</a>	MITSUBISHI-CATERPILLAR
24	3	60	9	35	240		V	40-60-10	<a href="#">105TA5053</a>	MITSUBISHI-CATERPILLAR
24	3	82,3	11	35	340			35-40-05	<a href="#">135TA5598</a>	MANITOU
24	3	82,4	9	25,3	265			35-05-20	<a href="#">136TA3516</a>	STILL
24	3	82,5	11	40	295		V	30-45-15	<a href="#">135TA5254</a>	TOYOTA
24	3	88,4	9	33,5	345,5			35-55-05	<a href="#">116TA7236</a>	HYUNDAI
24	3	88,5	9	34	340			50-05-20	<a href="#">136TA3513</a>	STILL
24	3	88,5	9	34	415			35-55-05	<a href="#">106TA8268</a>	YALE
24	3	88,5	10	37,5	316,5		V	50-05-25	<a href="#">135TA5497</a>	KOMATSU
24	3	88,5	10	39	365	V		40-55-05	<a href="#">119TA7509</a>	COVENTRY CLIMAX
24	3	88,5	10	40	316	V	V	55-10-25	<a href="#">135TA5569</a>	LINDE-LANSING
24	3	88,5	10	40	341		V	55-10-20	<a href="#">135TA5534</a>	HYSTER
24	3	88,5	11	40	385			50-10-25	<a href="#">136TA3496</a>	LINDE-LANSING
24	3	88,5	11	40	405			50-10-25	<a href="#">116TA7161</a>	SVE TRUCK
24	3	88,5	12	46	402			50-10-20	<a href="#">106TA8247</a>	MITSUBISHI-CATERPILLAR
24	3	88,7	10	32	340	V	V	50-10-20	<a href="#">136TA3487</a>	HYUNDAI
24	3	88,7	10	38,2	393			50-10-25	<a href="#">136TA3553</a>	SVE TRUCK
24	3	88,7	11	40,7	404			50-05-25	<a href="#">124TA6187</a>	SVE TRUCK
24	3	88,8	10	39	340			35-55-05	<a href="#">135TA5589</a>	YALE
24	3	88,8	10	39,5	401			50-05-20	<a href="#">135TA5508</a>	HYUNDAI
24	3	89	9	34	338			35-50-05	<a href="#">135TA5378</a>	O&K
24	3	89	9	34	340			35-50-10	<a href="#">124TA6133</a>	SMV KONECRANES
24	3	89	9	34	345			35-50-10	<a href="#">135TA5287</a>	SVE TRUCK
24	3	89	9	34	370			35-55-10	<a href="#">103TA3162</a>	CLARK-SAMSUNG
24	3	89	9	34	385			55-05-20	<a href="#">111TA1155</a>	SVE TRUCK
24	3	89	10	40	315			50-10-20	<a href="#">135TA5634</a>	CLARK-SAMSUNG
24	3	89	10	40,4	294,5		V	40-55-10	<a href="#">135TA5639</a>	KALMAR
24	3	89	11	39,3	295	V	V	40-50-20	<a href="#">135TA5577</a>	KALMAR
24	3	89	11	40	385			40-55-20	<a href="#">106TA8307</a>	LINDE-LANSING
24	3	89	11	41	385		V	40-55-05	<a href="#">136TA3495</a>	LINDE-LANSING
24	3	89	12	43	321	V		35-50-05	<a href="#">136TA3541</a>	SVE TRUCK
24	3	89	12	44	322			35-50-05	<a href="#">135TA5604</a>	MITSUBISHI-CATERPILLAR
24	3	91,5	11	56	519			35-50-05	<a href="#">135TA5455</a>	MITSUBISHI-CATERPILLAR
24	3	91,5	12	45,8	414			30-50-10	<a href="#">136TA3567</a>	JCB

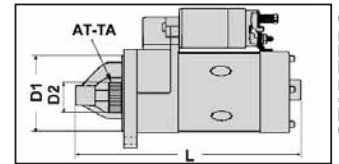
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voltage (volt) U	number of fixation points AT-BG	flange dia. (mm) D1	number of teeth AT-TA	gear dia. (mm) D2	total length (mm) L	wet clutch OLIED	reductor TY-ST	position fixation points LG-BG	reference new	for picture see make
24	3	91,5	12	46	480			35-55-15	<a href="#">107TA9401</a>	MITSUBISHI-CATERPILLAR
24	3	91,7	12	46	450			45-05-25	<a href="#">107TA9605</a>	MITSUBISHI-CATERPILLAR
24	3	91,7	12	46	475			30-50-05	<a href="#">135TA5390</a>	TCM
24	3	92	10	40	315	V	V	30-50-10	<a href="#">135TA5609</a>	KOMATSU
24	3	92	11	0	450			35-55-10	<a href="#">107TA9601</a>	KOMATSU
24	3	92	11	0	520			45-05-25	<a href="#">136TA3548</a>	MITSUBISHI-CATERPILLAR
24	3	92	11	55	358			45-05-25	<a href="#">136TA3532</a>	SVE TRUCK
24	3	92	11	55,5	414	V	V	45-05-25	<a href="#">135TA5542</a>	YALE
24	3	92	11	56	410		V	35-50-10	<a href="#">105TA5211</a>	KOMATSU
24	3	92	11	56	480			35-55-15	<a href="#">105TA5033</a>	MITSUBISHI-CATERPILLAR
24	3	92	11	56	496			35-55-15	<a href="#">136TA3545</a>	KALMAR
24	3	92	12	45	365			40-60-20	<a href="#">135TA5288</a>	MANITOU
24	3	92	12	45	412		V	30-50-10	<a href="#">135TA5349</a>	TCM
24	3	92	12	46	407			50-05-25	<a href="#">136TA3563</a>	HYSTER
24	3	92	12	46	458			50-05-25	<a href="#">105TA5139</a>	HYSTER
24	3	92	12	46,4	359	V		30-50-10	<a href="#">136TA3543</a>	SVE TRUCK
24	3	99,5	12	46	368			35-50-10	<a href="#">106TA8403</a>	KOMATSU
24	3	100	11	40	345		V	35-55-10	<a href="#">103TA3454</a>	TOYOTA
24	3	100	12	45	265		V	45-60-15	<a href="#">136TA3467</a>	MITSUBISHI-CATERPILLAR
24	3	100	12	45	290		V	40-55-10	<a href="#">136TA3466</a>	MITSUBISHI-CATERPILLAR
24	3	100	13	40	370			35-50-10	<a href="#">106TA8402</a>	KOMATSU
24	3	100	13	46	363			35-50-10	<a href="#">136TA3501</a>	OM PIMESPO
24	3	100	13	46	365			35-50-10	<a href="#">105TA5193</a>	KOMATSU
24	3	100	13	46	370		V	35-50-10	<a href="#">103TA3491</a>	KOMATSU
24	3	100	13	46	410		V	35-50-10	<a href="#">105TA5213</a>	KOMATSU
24	3	100	13	46	455		V	35-50-10	<a href="#">105TA5212</a>	KOMATSU
24	3	100	13	46,5	445			50-10-25	<a href="#">135TA5451</a>	KOMATSU
24	3	101	12	44,5	550			35-55-10	<a href="#">107TA9589</a>	MITSUBISHI-CATERPILLAR
24	3	104	11	40	295		V	35-55-05	<a href="#">135TA5335</a>	TOYOTA
24	3	104,7	11	40,3	345		V	40-50-10	<a href="#">116TA7241</a>	TCM
24	3	105	11	40	300			40-55-10	<a href="#">105TA5400</a>	TCM
24	3	105	11	40	300		V	35-50-10	<a href="#">136TA3512</a>	NISSAN
24	3	105	11	40	304		V	40-55-10	<a href="#">105TA5405</a>	TCM
24	3	105	11	40	305		V	35-50-05	<a href="#">105TA5363</a>	TCM
24	3	105	11	40	306			40-50-10	<a href="#">107TA9602</a>	NISSAN
24	3	105	11	40	339		V	45-05-15	<a href="#">105TA5391</a>	TCM
24	3	105	11	40	345		V	35-50-05	<a href="#">105TA5373</a>	TCM
24	3	105	11	40	345		V	35-50-10	<a href="#">105TA5387</a>	TCM
24	3	105	11	40	346			35-50-05	<a href="#">105TA5381</a>	TCM
24	3	105	11	40	346		V	35-55-10	<a href="#">105TA5370</a>	TCM
24	3	105	11	40	351			30-55-05	<a href="#">105TA5372</a>	TCM
24	3	105	11	40	357		V	35-50-10	<a href="#">103TA3355</a>	TCM
24	3	105	11	40	360			55-05-20	<a href="#">135TA5260</a>	TOYOTA
24	3	105	11	40	365			35-50-10	<a href="#">105TA5374</a>	TCM
24	3	105	11	40	370			40-55-10	<a href="#">135TA5268</a>	YALE







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## Technische fiche ANKER STARTER

**02-09-06-00**

gegevens klant:



voorbeeld

Type machine:  
Serie nr. machine:

prijsaanvraag  
 bestelling

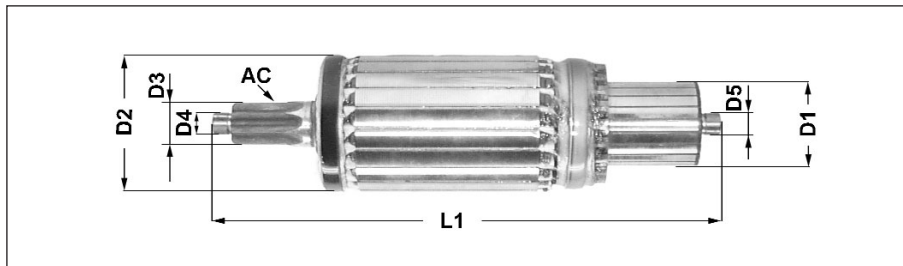
CODE: TY-AK X L1 X D1 X D2 X D3 X L2 X AT-TA X AC X D4 X D5 X TA X PM X PI X RH/LH X U

- . TY-AK . . . . . type anker, zie figuren
- . . . , . L1 . . . . . totale lengte van het anker
- . . . , . D1 . . . . . diameter van de collector
- . . . , . D2 . . . . . diameter van het ankerlichaam
- . . . , . D3 . . . . . diameter, zie figuur
- . . . , . L2 . . . . . lengte, zie figuur
- . . AT-TA . . . . . aantal tanden
- . . AC . . . . . aantal kanaluren
- . . . , . D4 . . . . . diameter, zie figuur
- . . . , . D5 . . . . . diameter, zie figuur
- . . . . . TA . . . . . draadsoort, indien aanwezig
- . , . . . PM . . . . . pas metrisch
- . . . . . PI . . . . . pas per duim
- . . . . . RH/LH . . . . . rechtse of linkse schroefdraad
- . . . . . U . . . . . werkspanning in volt



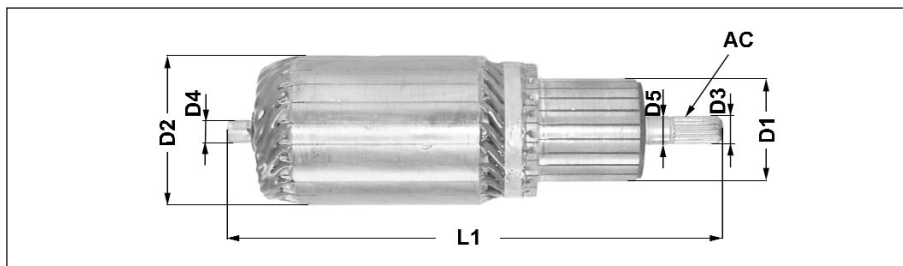
## TYPES ANKER

### TYPE A



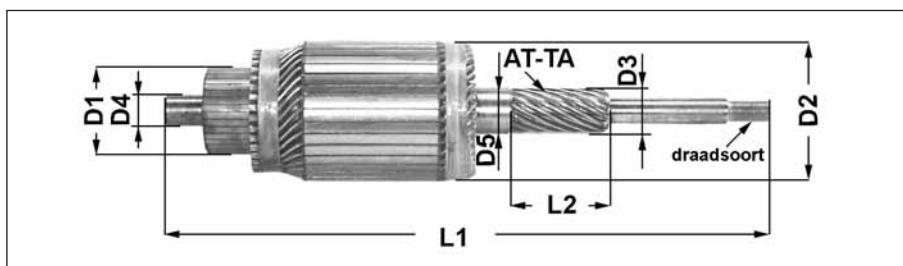
kanaluren - anker - collector

### TYPE B



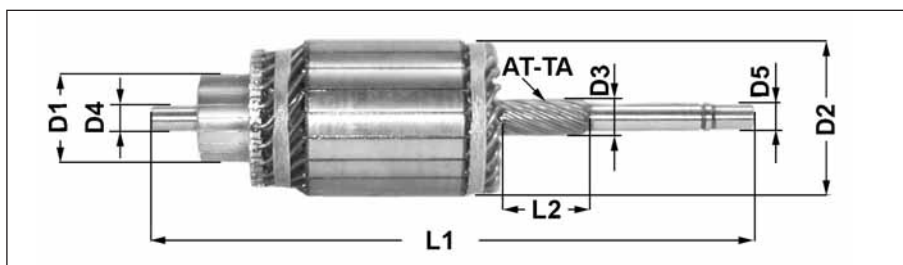
anker - collector - kanaluren

### TYPE C



anker met draad

### TYPE D



anker zonder draad



## Fiche technique INDUIT DÉMARREUR

**02-09-06-00**

nom de votre société:



Type machine:  
No série machine:

demande de prix  
 commande

CODE: TY-AK X L1 X D1 X D2 X D3 X L2 X AT-TA X AC X D4 X D5 X TA X PM X PI X RH/LH X U

- . TY-AK . . . . . type induit, voir figure
- . . . , . L1 . . . . . longueur totale induit
- . . . , . D1 . . . . . diamètre du collecteur
- . . . , . D2 . . . . . diamètre corps induit
- . . , . D3 . . . . . diamètre, voir figure
- . . , . L2 . . . . . longueur, voir figure
- . . AT-TA . . . . . nombre de dents
- . . AC . . . . . nombre de cannelures
- . . , . D4 . . . . . diamètre, voir figure
- . . , . D5 . . . . . diamètre, voir figure
- . . . . . TA . . . . . type de filetage
- . , . . PM . . . . . pas métrique
- . . PI . . . . . pas par pouce
- . . RH/LH . . . . . filetage gauche ou droit
- . . U . . . . . tension en volt









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## Technical detail

# STARTER ARMATURE

**02-09-06-00**

Customer details:



Truck type:  
Truck serial no.:

inquiry  
 order

CODE: TY-AK X L1 X D1 X D2 X D3 X L2 X AT-TA X AC X D4 X D5 X TA X PM X PI X RH/LH X U

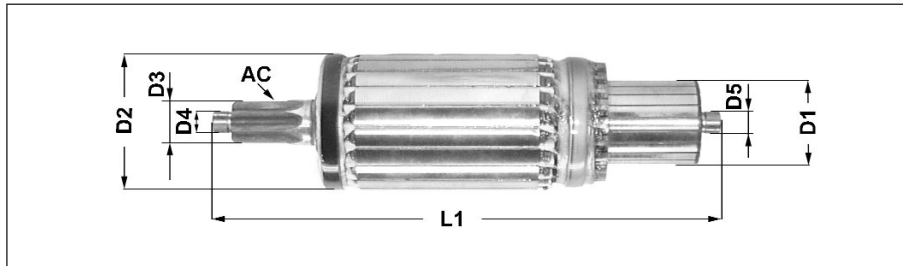
- . TY-AK . . . . . type of armature, see pictures
- . . . , . L1 . . . . . total length of armature
- . . . , . D1 . . . . . diameter of the commutator
- . . . , . D2 . . . . . diameter of armature body
- . . , . D3 . . . . . diameter, see picture
- . . , . L2 . . . . . length, see picture
- . . AT-TA . . . . . number of teeth
- . . AC . . . . . number of splines
- . . , . D4 . . . . . shaft diameter
- . . , . D5 . . . . . shaft diameter
- . . . . . TA . . . . . thread type (if any)
- . , . . PM . . . . . pitch (metric)
- . . PI . . . . . pitch (inch)
- . . RH/LH . . . . . right-hand or left-hand screw thread
- . . U . . . . . voltage



STARTER ARMATURE

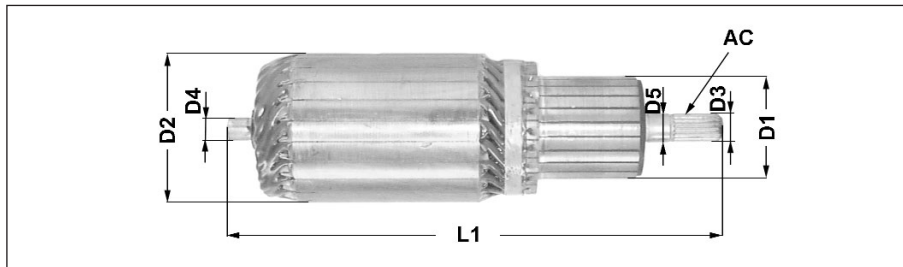
## ARMATURE TYPES

### TYPE A



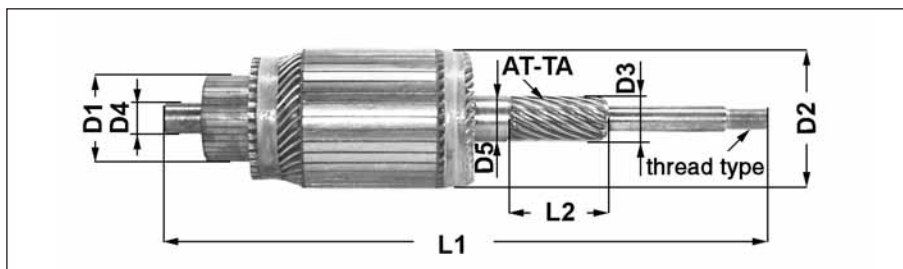
splines - armature - commutator

### TYPE B



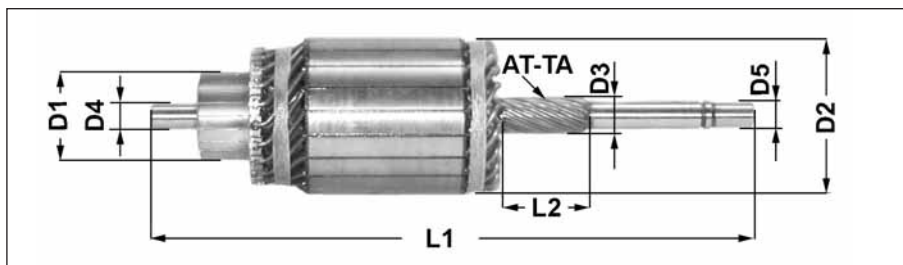
armature - commutator - splines

### TYPE C



armature with threaded shaft

### TYPE D



armature without threaded shaft



## Technische Daten ANKER ANLASSER

**02-09-06-00**



Beispiel

Kundendaten:



Maschinentyp:  
Maschine Seriennr.:

Preisanfrage  
 Bestellung

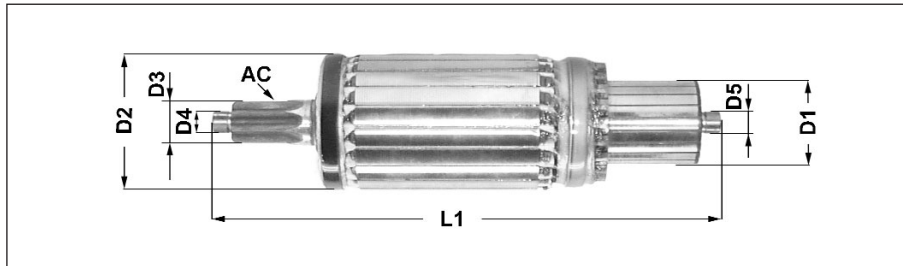
KODE: TY-AK X L1 X D1 X D2 X D3 X L2 X AT-TA X AC X D4 X D5 X TA X PM X PI X RH/LH X U

- . TY-AK . . . . . Ankertyp, siehe Figuren
- . . . , . L1 . . . . . Gesamtlänge des Ankers
- . . . , . D1 . . . . . Kollektordurchmesser
- . . . , . D2 . . . . . Durchmesser des Ankerkörpers
- . . , . D3 . . . . . Durchmesser, siehe Figur
- . . , . L2 . . . . . Länge, siehe Figur
- . . AT-TA . . . . . Zähnezahl
- . . AC . . . . . Nutenzahl
- . . , . D4 . . . . . Durchmesser, siehe Figur
- . . , . D5 . . . . . Durchmesser, siehe Figur
- . . . . . TA . . . . . Gewinde, wenn vorhanden
- . , . . PM . . . . . Gewinde (metrisch)
- . . PI . . . . . Gewinde (Zoll)
- . . RH/LH . . . . . rechtes oder linkes Gewinde
- . . U . . . . . Spannung in Volt



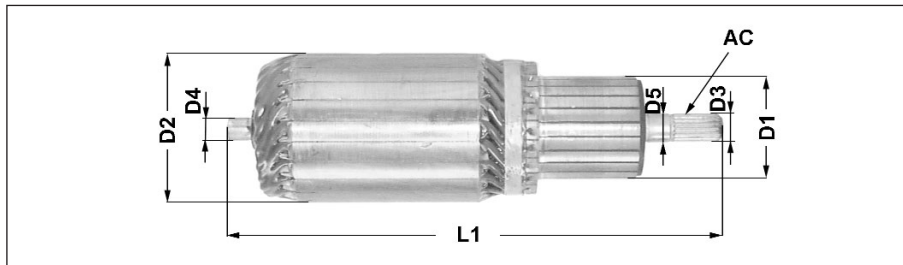
## ANKERTYPEN

### TYP A



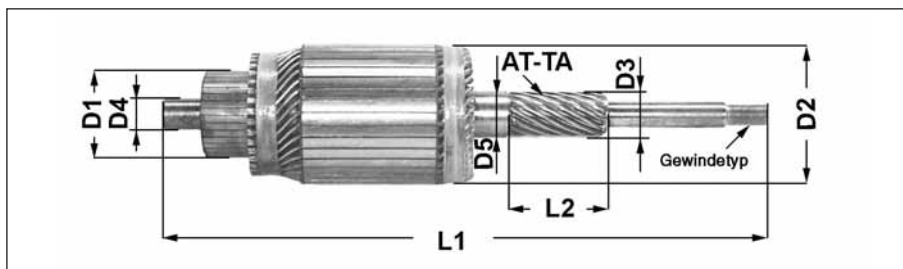
Nuten - Anker - Kollektor

### TYP B



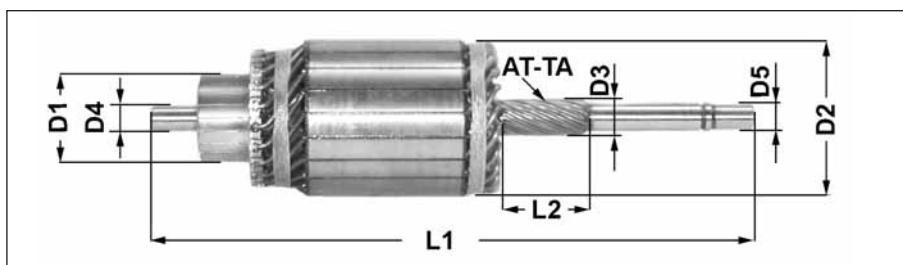
Anker - Kollektor - Nuten

### TYP C



Anker mit Gewinde

### TYP D



Anker ohne Gewinde



## Technische fiche STARTERPINIEN

**02-09-08-00**

gegevens klant:



Type machine:  
Serie nr. machine:

prijsaanvraag  
 bestelling

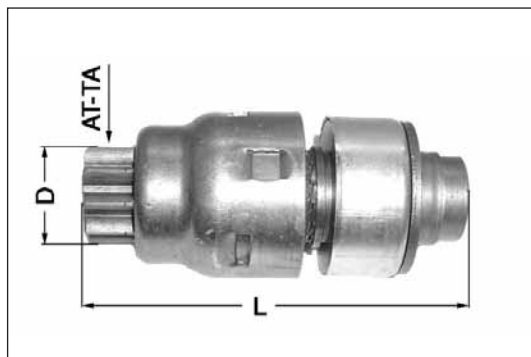
CODE: TY x D x AT-TA x L x D1 x D2 x L1 x AC x AC1

- . TY . . . . . type, zie figuren
- ., . D. . . . . diameter tandwiel
- .. AT-TA . . . . . aantal tanden tandwiel
- ., ., . L . . . . . totale lengte starterpinion
- ., . D1 . . . . . afmeting, zie types
- ., . D2 . . . . . afmeting, zie types
- ., . L1 . . . . . afmeting, zie types
- .. AC . . . . . aantal kanaluren, zie type
- .. AC1 . . . . . aantal kanaluren, zie type

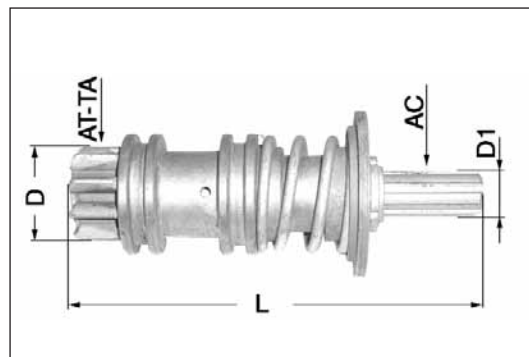
### TYPES :



**Type A**

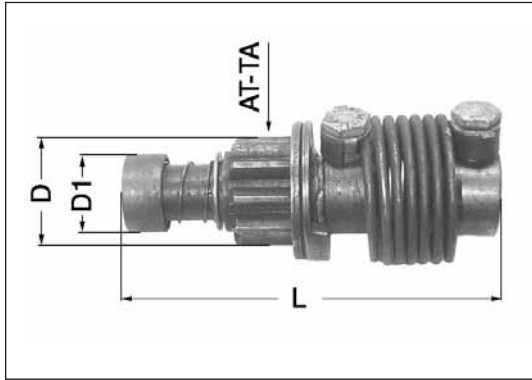


**Type B**

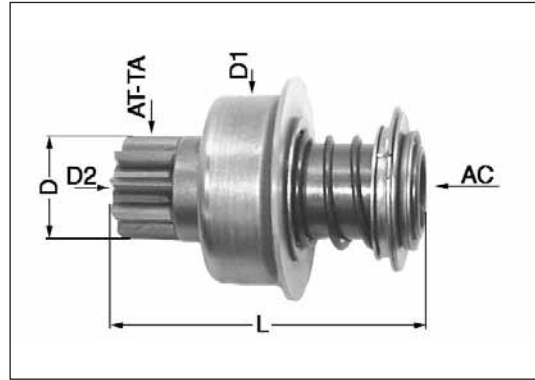




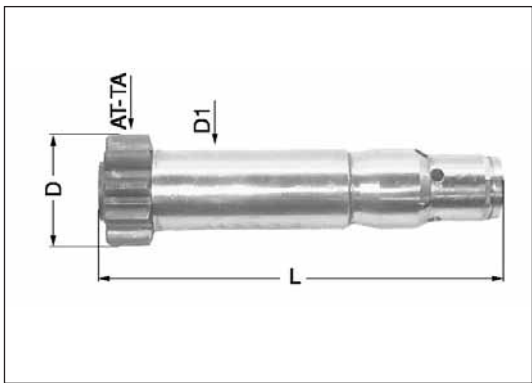
**Type C**



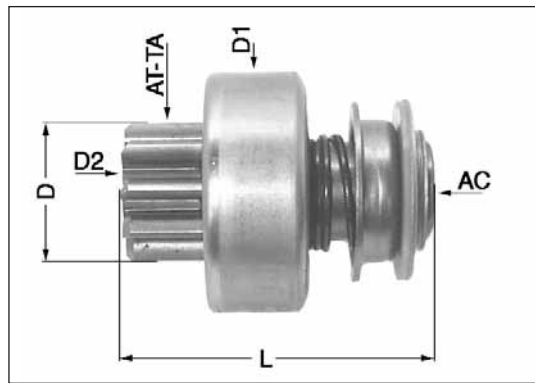
**Type D**



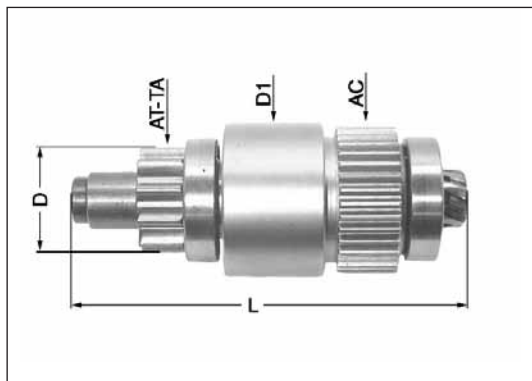
**Type E**



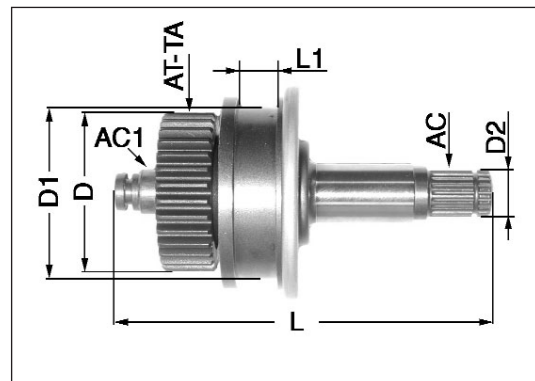
**Type F**



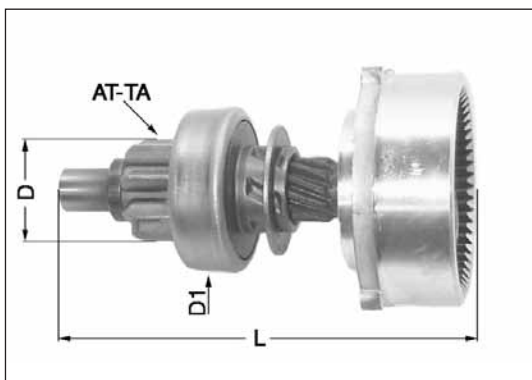
**Type G**



**Type H**



**Type I**





## Fiche technique BENDIX DE DÉMARREUR

**02-09-08-00**

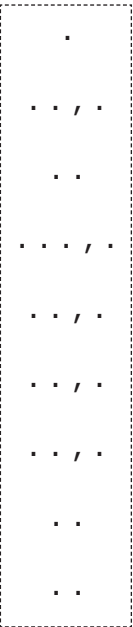
nom de votre société:



Type machine:  
No. série machine:

demande de prix  
 commande

CODE: TY x D x AT-TA x L x D1 x D2 x L1 x AC x AC1

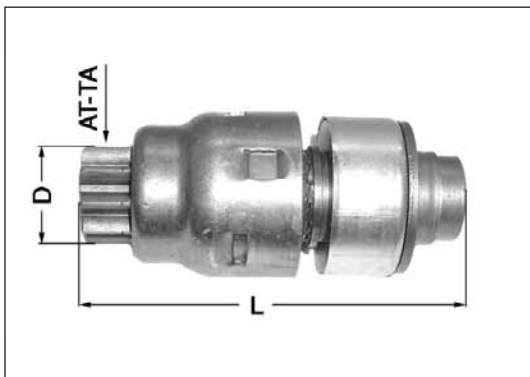


- . TY . . . . . type, voir figures
- . . , . D . . . . . diamètre bendix
- . . AT-TA . . . . . nombre de dents bendix
- . . . , . L . . . . . longueur totale du bendix de démarreur
- . . , . D1 . . . . . dimension, voir types
- . . , . D2 . . . . . dimension, voir types
- . . , . L1 . . . . . dimension, voir types
- . . AC . . . . . nombre de cannelures, voir type
- . . AC1 . . . . . nombre de cannelures, voir type

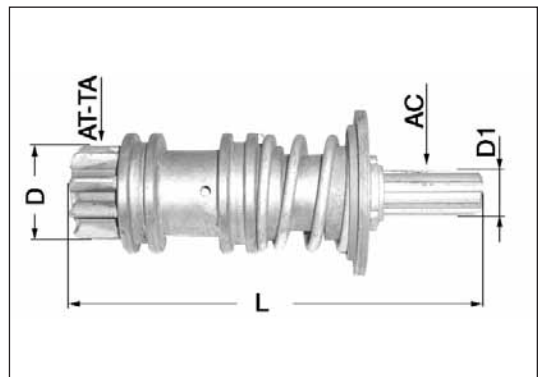


### TYPES :

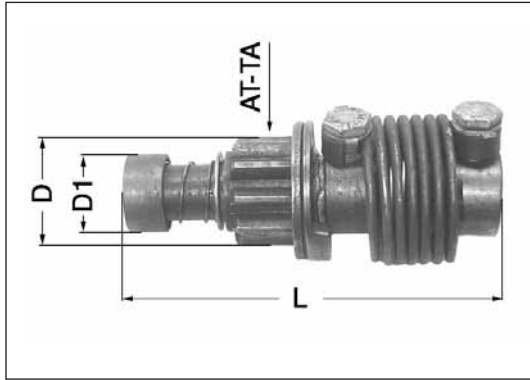
**Type A**



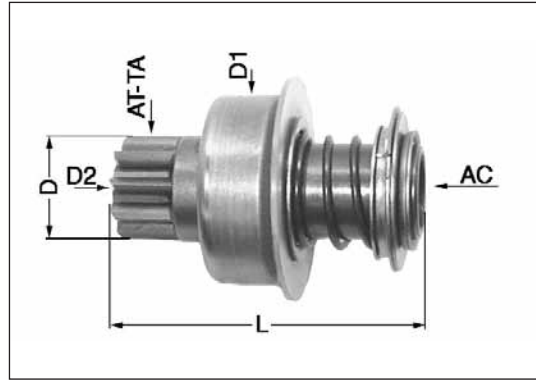
**Type B**



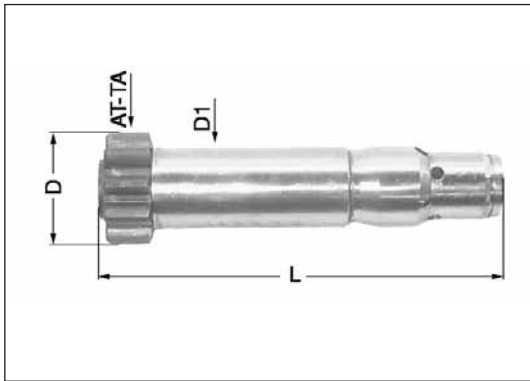
### Type C



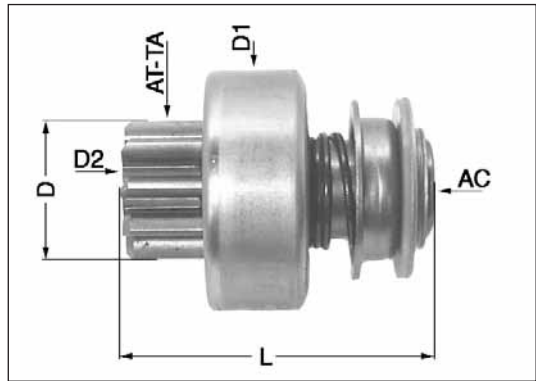
### Type D



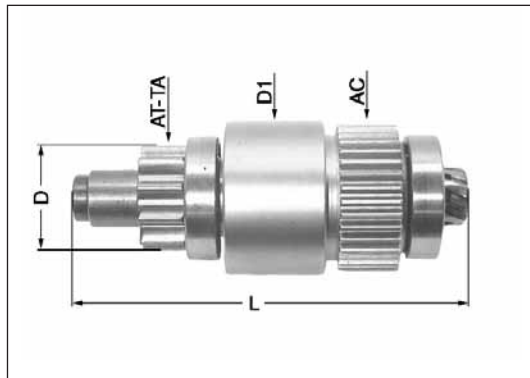
### Type E



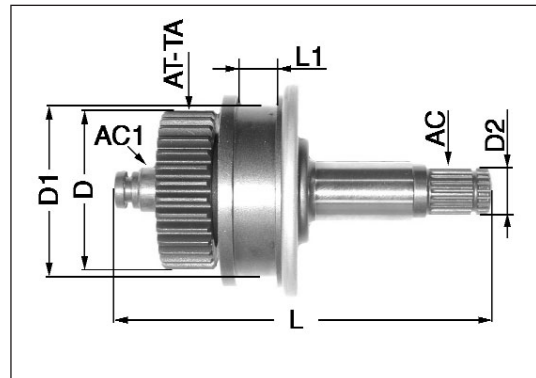
### Type F



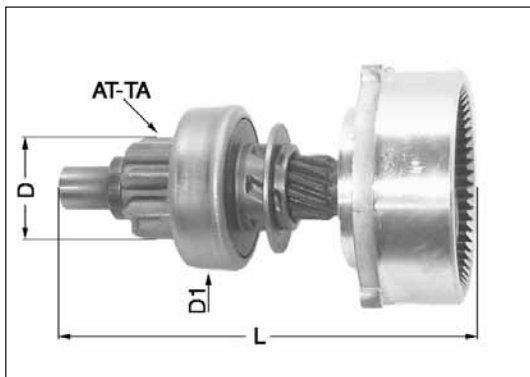
### Type G



### Type H



### Type I





## Technical detail

## BENDIX DRIVES

**02-09-08-00**

Customer details:



Truck type:   
 Truck serial no.:

inquiry  
 order

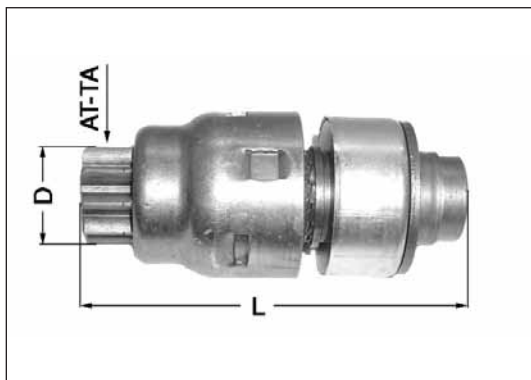
CODE: TY x D x AT-TA x L x D1 x D2 x L1 x AC x AC1

- . TY . . . . . type, see diagrams
- . . , . D . . . . . diameter of gear
- . . AT-TA . . . . . number of teeth on gear
- . . . . , . L . . . . . total length of pinion starter
- . . , . D1 . . . . . dimension, see types
- . . , . D2 . . . . . dimension, see types
- . . , . L1 . . . . . dimension, see types
- . . AC . . . . . number of splines, see types
- . . AC1 . . . . . number of splines, see types

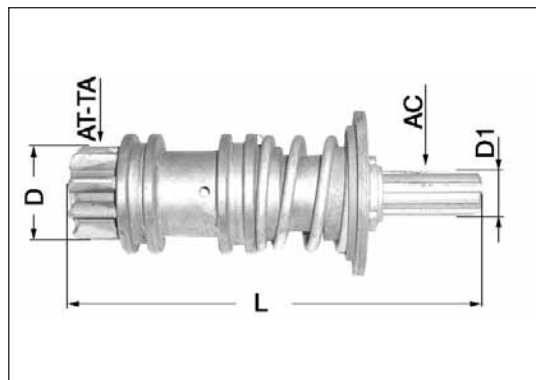
**TYPES :**



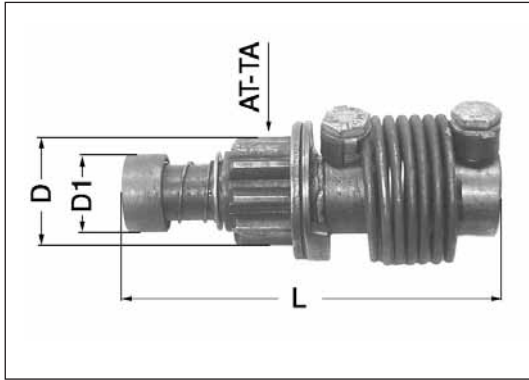
**Type A**



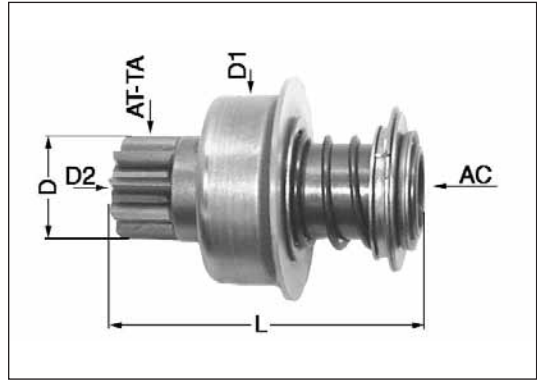
**Type B**



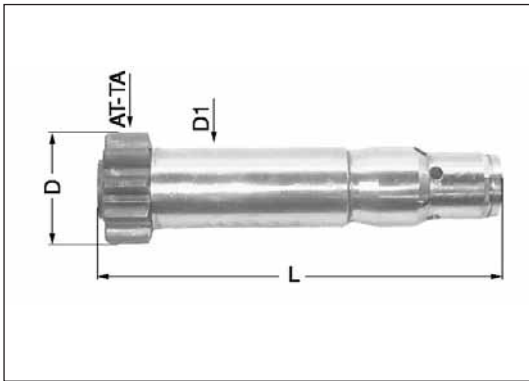
**Type C**



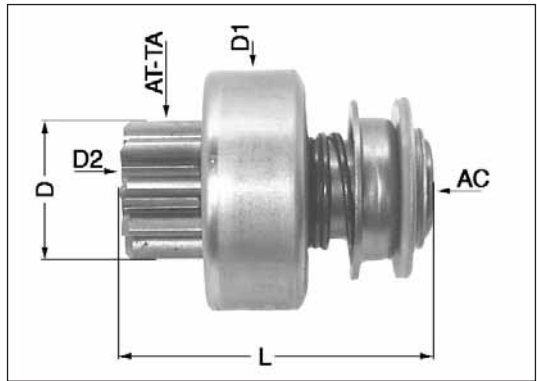
**Type D**



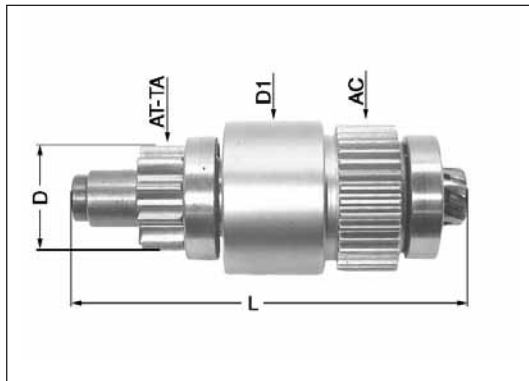
**Type E**



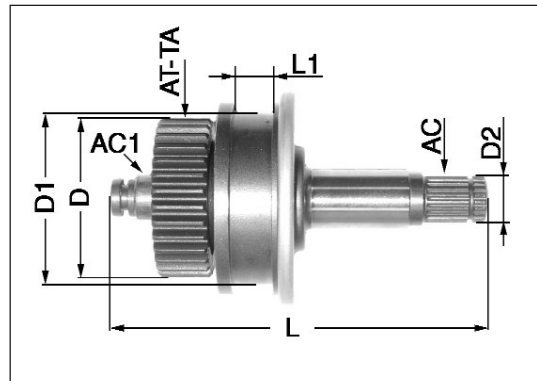
**Type F**



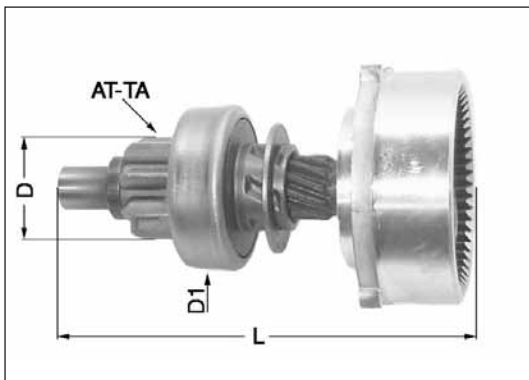
**Type G**



**Type H**



**Type I**







## Technische Daten FREILAUFRITZEL

**02-09-08-00**

Kundendaten:



Beispiel

Maschinentyp:   
 Maschine Seriennr.:

Preisanfrage  
 Bestellung

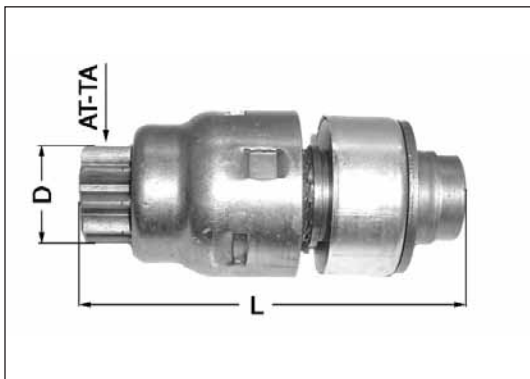
KODE: TY x D x AT-TA x L x D1 x D2 x L1 x AC x AC1

- . TY . . . . . Typ, siehe Figuren
- . . , . D . . . . . Zahnraddurchmesser
- . . AT-TA . . . . . Zahnradzähnezahl
- . . . . , . L . . . . . Gesamtlänge Freilaufritzel
- . . , . D1 . . . . . Maß, siehe Typen
- . . , . D2 . . . . . Maß, siehe Typen
- . . , . L1 . . . . . Maß, siehe Typen
- . . AC . . . . . Verzählung, siehe Typen
- . . AC1 . . . . . Verzählung, siehe Typen

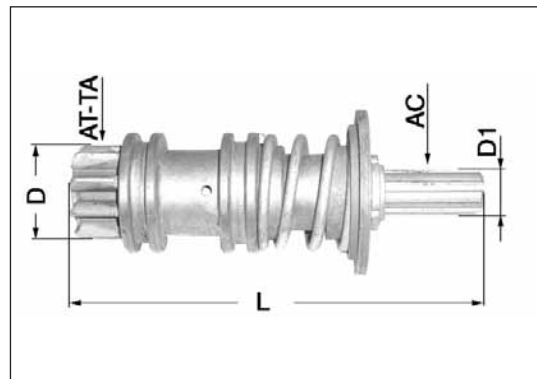
### TYPEN :



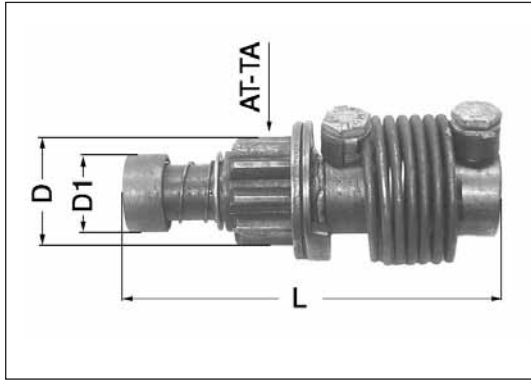
**Typ A**



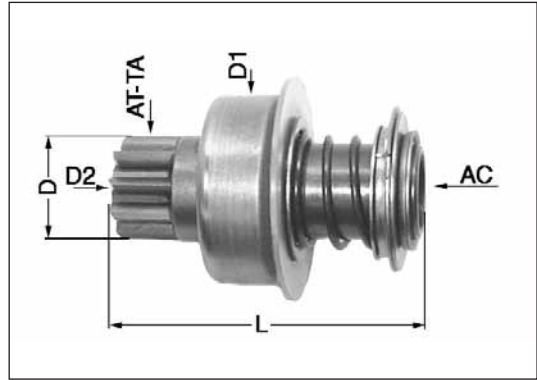
**Typ B**



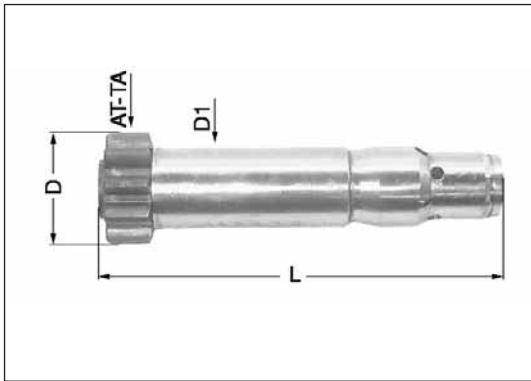
**Typ C**



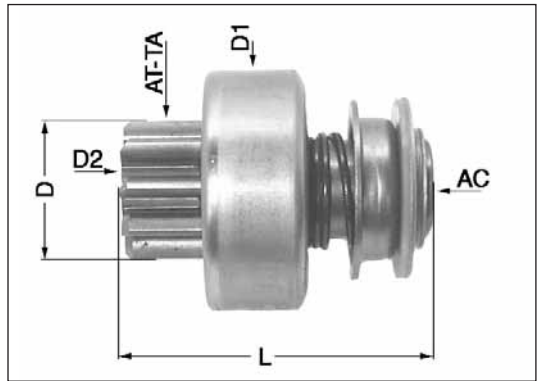
**Typ D**



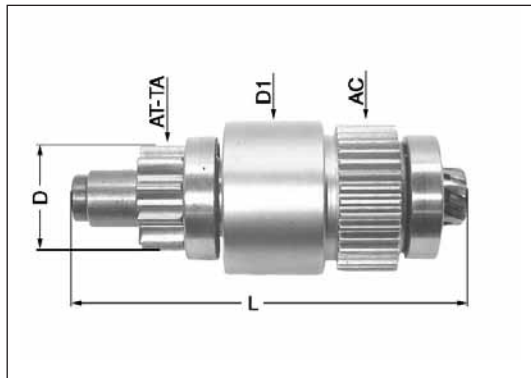
**Typ E**



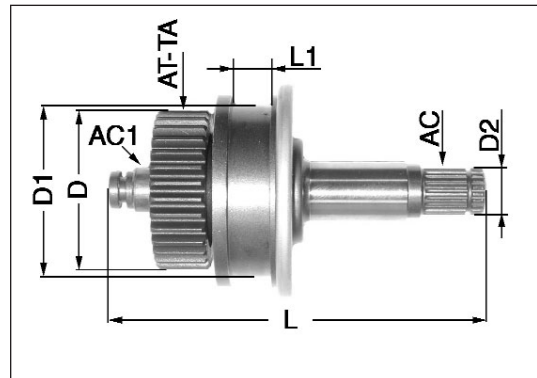
**Typ F**



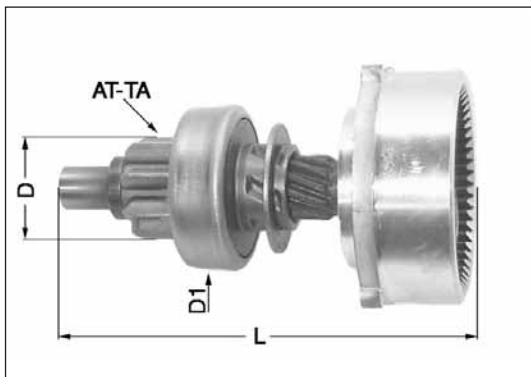
**Typ G**



**Typ H**



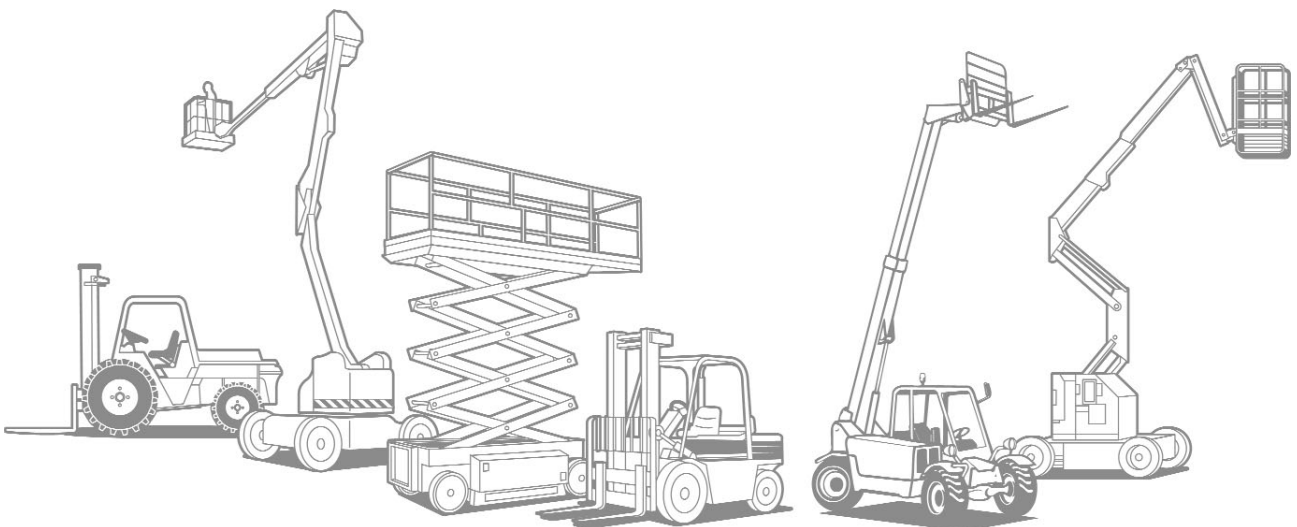
**Typ I**





## **TOTAL SOURCE<sup>®</sup>**

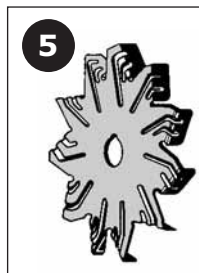
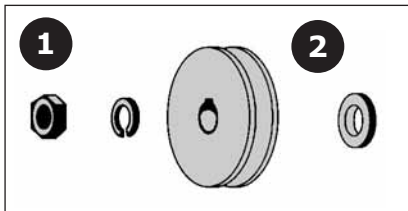
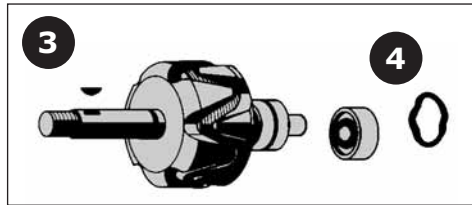
# Part: 2 ALTERNATORS



# ALTERNATORS

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ALTERNATORS



1 Bevestigingskit  
Jeu de fixation  
Fixing parts set  
Befestigungsteilesatz

2 Riemschijf  
Poulie  
Pulley  
Riemenscheibe

3 Rotor  
Rotor  
Rotor  
Anker

4 Lager  
Roulement à billes  
Ball bearing  
Kugellager

5 Koelschroef  
Ventilateur  
Fan  
Lüfter

6 Flens vooraan  
Palier avant  
Drive end bracket  
Antriebslagerdeckel

7 Lager  
Roulement + plaque  
Bearing with cover  
Lager mit der Platte

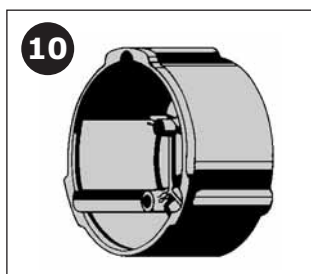
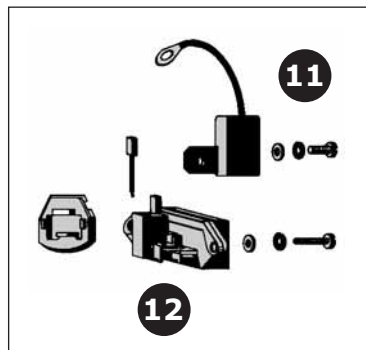
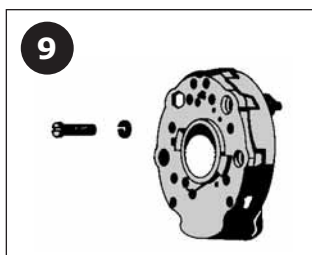
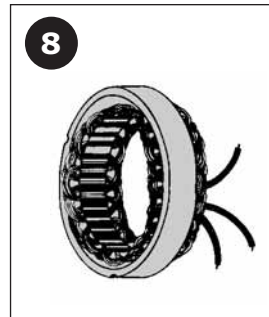
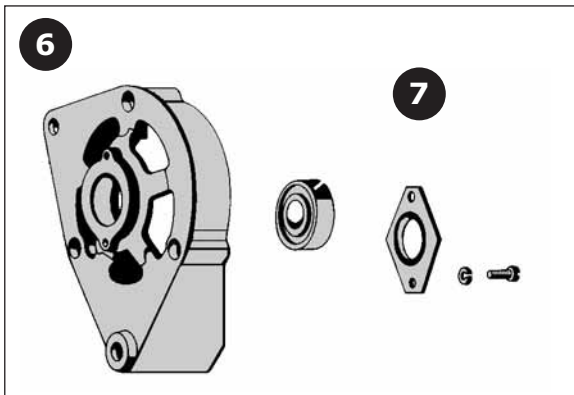
8 Stator  
Stator  
Stator  
Ständer

9 Gelijkrichter  
Redresseur  
Rectifier  
Gleichrichter

10 Flens achteraan  
Palier arrière  
Slip ring end bracket  
Kollektorlagerdeckel

11 Condensator  
Condensateur  
Capacitor  
Kondensator

12 Regelaar  
Régulateur  
Regulator  
Regler





## Technische fiche ALTERNATOR

ALTERNATORS

**02-09-03-00**

gegevens klant:



voorbeeld



Type machine:  
Serie nr. machine:

prijsaanvraag  
 bestelling

Code: TY x U x I x L1 x L2 x L3 x X x Y x D1 x TA x ST-PO x C x REG x KS x VAP x TY-FI x AT-RI x D2 x W

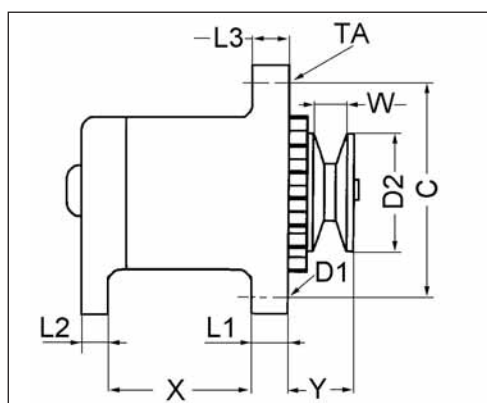
- . TY . . . . . type (zie figuren)
- . . U . . . . . spanning (volt)
- . . I . . . . . stroom (ampère)
- . . , . L1 . . . . . breedte van de bevestigingspoten (mm)
- . . , . L2 . . . . . breedte van de bevestigingspoten (mm)
- . . , . L3 . . . . . breedte van de bevestigingspoten (mm)
- . . . , . X . . . . . afmeting, zie figuur (mm)
- . . . , . Y . . . . . afmeting, zie figuur (mm)
- . . . . . D1 . . . . . diameter bevestigingsgat, zie figuren (mm)
- . . . . . TA . . . . . draadsoort, zie figuren (mm)
- . . - . . . . . ST-PO . . . . . stand van de bevestigingspoten ( zie uitleg klok)
- . . . , . C . . . . . centerafstand (mm)
- . . . . . REG . . . . . regulator ja/nee
- . . . . . KS . . . . . koelschroef: I= inwendige koeling , E= uitwendige koeling
- . . . . . VAP . . . . . vacuumpomp ja/nee
- . . . . . TY-FI . . . . . type fiche (zie figuren)
- . . . . . AT-RI . . . . . aantal riemen
- . . . . . D2 . . . . . diameter riemschijf (mm)
- . . . . . W . . . . . breedte loopvlak (mm)

## Technische fiche ALTERNATOR

### type:

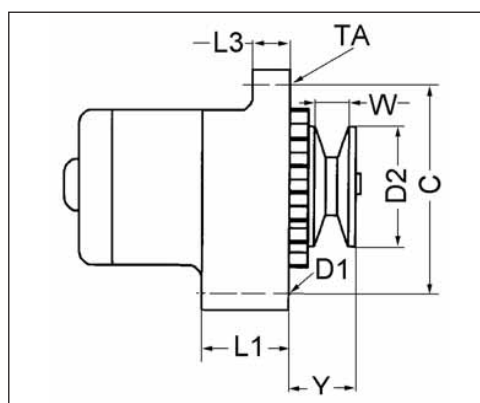
#### **type A:**

3 ophangingspunten



#### **type B:**

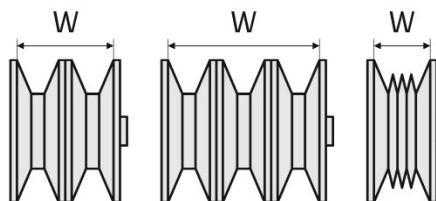
2 ophangingspunten



#### **type S:**

speciale types

Afmetingen :  
zie bestaande types



### stand van de bevestigingspoten: (zie figuur op volgende blz.)

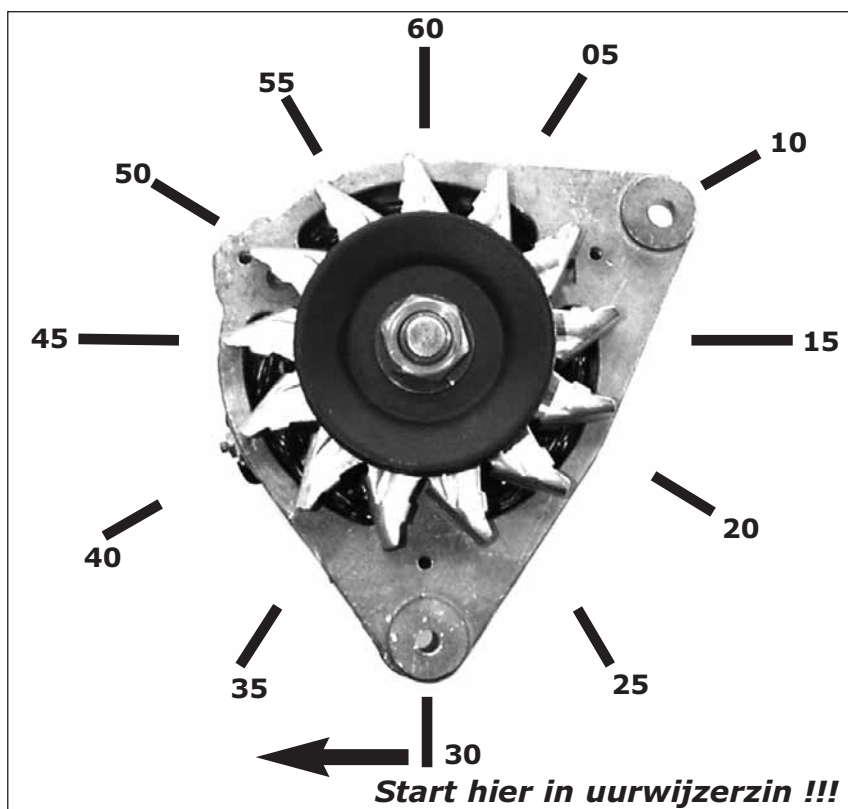
- 1) hou de alternator met de voorkant naar U
- 2) hou de hoofdbevestigingspoten op 30 minuten
- 3) bepaal de ligging v. d. andere bevestigingsgaten: hier = 30 - 10





<b>Technische fiche</b>
<b>ALTERNATOR</b>

**stand van de bevestigingspoten:**



**type fiche:**

zie Engelse technische fiche !



## Fiche technique ALTERNATEUR

**02-09-03-00**

exemple



nom de votre société:



Type machine:  
No. série machine:

demande de prix  
 commande

Code: TY x U x I x L1 x L2 x L3 x X x Y x D1 x TA x ST-PO x C x REG x KS x VAP x  
TY-FI x AT-RI x D2 x W

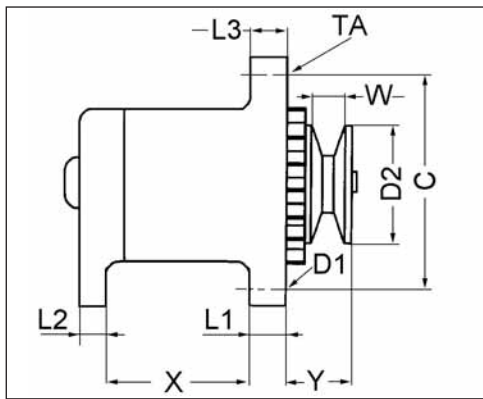
- . TY . . . . . type (voir fig.)
- . . U . . . . . tension (volts)
- . . I . . . . . courant (ampère)
- . . , . L1 . . . . . dimension, voir fig. (mm)
- . . , . L2 . . . . . dimension, voir fig. (mm)
- . . , . L3 . . . . . dimension, voir fig. (mm)
- . . , . X . . . . . dimension, voir fig. (mm)
- . . , . Y . . . . . dimension, voir fig. (mm)
- . . . . . D1 . . . . . diamètre des trous de fixation, voir fig. (mm)
- . . . . . TA . . . . . type de filetage, voir fig. (mm)
- . . - . . . . ST-PO . . . . . position de fixation (voir explication horloge)
- . . . . . C . . . . . entraxe des points de fixation (mm)
- . . . . . REG . . . . . avec régulateur incorporé oui/non
- . . . . . KS . . . . . I= refroidissement interne, E= refroidissement externe
- . . . . . VAP . . . . . pompe à vide oui/non
- . . . . . TY-FI . . . . . type fiche de branchement (voir fig.)
- . . . . . AT-RI . . . . . nombre de gorges (pour courroie)
- . . . . . D2 . . . . . diamètre poulie (mm)
- . . . . . W . . . . . largeur intérieure de poulie (mm)



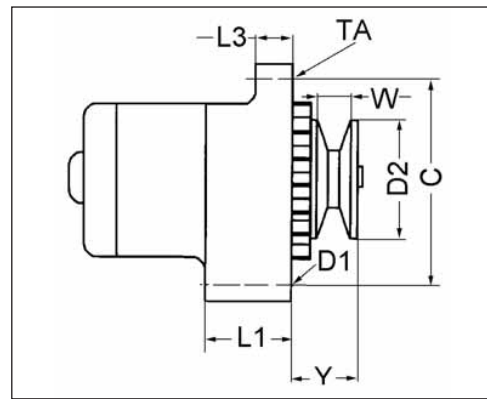
## Fiche technique ALTERNATEUR

**type:**

**type A:**  
3 points de fixation

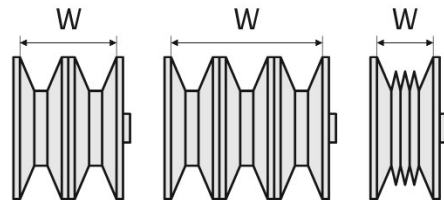


**type B:**  
2 points de fixation



**type S:**  
types spéciales

dimensions :  
voir types existants



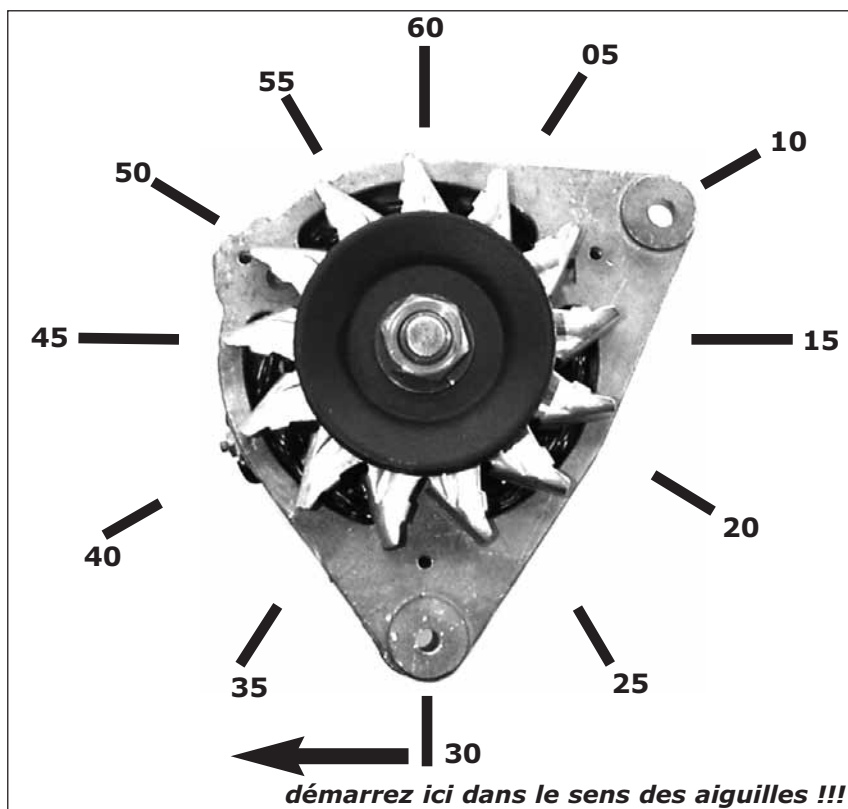
**position points de fixation: (voir explication horloge)**

- 1) tenir l'alternateur avec sa face avant vers vous
- 2) tenir les points de fixation principale à 30'
- 3) définir l'emplacement des autres trous de fixation: ici = 30 - 10

## Fiche technique

## ALTERNATEUR

### position points de fixation



### type fiche:

voir la fiche technique en Anglais pages suivantes.



## Technical detail ALTERNATOR

**02-09-03-00**

example



Customer detail:



Truck type:  
Truck serial no.:

inquiry  
 order

Code: TY x U x I x L1 x L2 x L3 x X x Y x D1 x TA x ST-PO x C x REG x KS x VAP x  
TY-FI x AT-RI x D2 x W

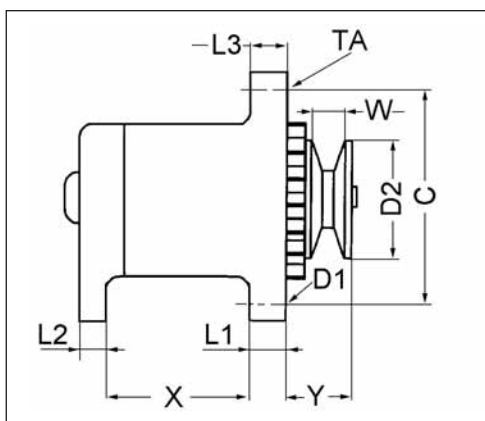
- . TY . . . . . type of alternator (as per picture)
- . . U . . . . . voltage (volt)
- . . I . . . . . current (ampere)
- . . , . L1 . . . . . please advise dimensions as per picture (mm)
- . . , . L2 . . . . . please advise dimensions as per picture (mm)
- . . , . L3 . . . . . please advise dimensions as per picture (mm)
- . . . , . X . . . . . please advise dimensions as per picture (mm)
- . . . , . Y . . . . . please advise dimensions as per picture (mm)
- . . D1 . . . . . diameter of mounting hole as per picture (mm)
- . . . . . TA . . . . . type of thread, see diagram (mm)
- . . - . . . . . ST-PO . . . . . position of mounting holes
- . . . , . C . . . . . please advise dimensions as per picture (mm)
- . . . . . REG . . . . . regulator yes/no
- . . . . . KS . . . . . cooling fan: I= internal cooling , E= external cooling
- . . . . . VAP . . . . . vacuum pump yes/no
- . . . . . TY-FI . . . . . type of plug (as per picture)
- . . . . . AT-RI . . . . . quantity of belts
- . . . . . D2 . . . . . diameter of the pulley (mm)
- . . . . . W . . . . . width of the tread (mm)



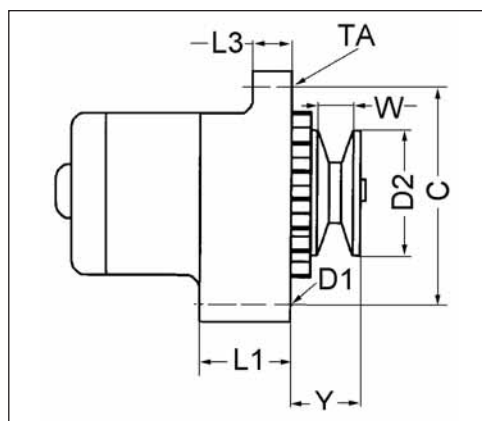
<b>Technical detail</b>
<b>ALTERNATOR</b>

**specifications of types :**

**type A:**  
3-bolt fixing

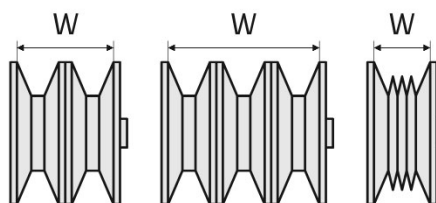


**type B:**  
2-bolt fixing



**type S:**  
special types

Dimensions :  
see existing types



**position of mounting holes**

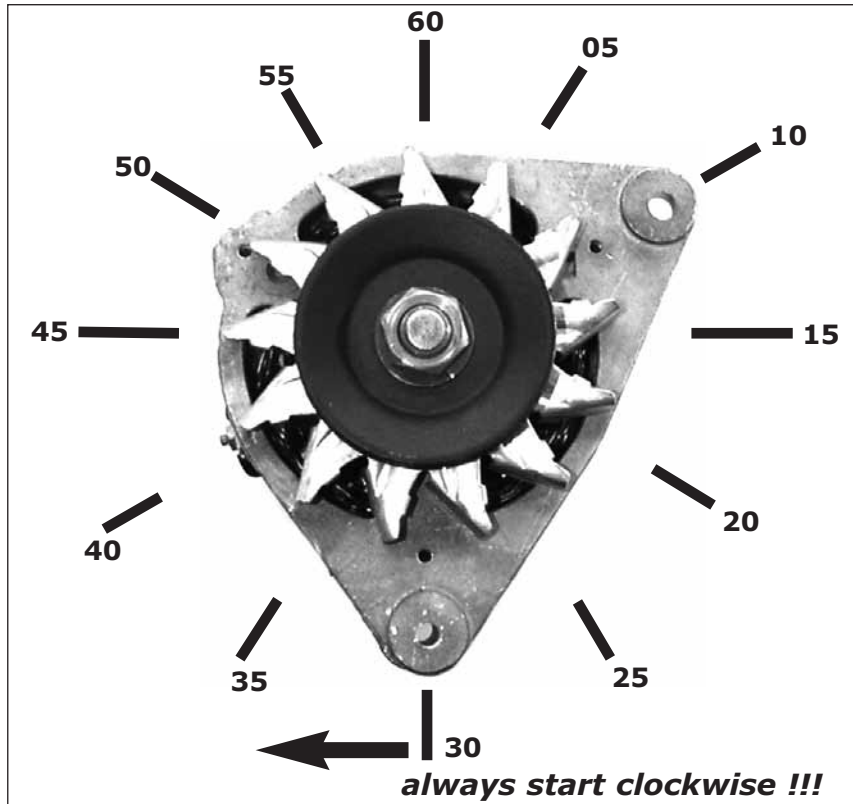
- 1) hold up the alternator with the front facing yourself
- 2) hold the main fixing holes at 30 degrees
- 3) Determine the position of the other fixing holes. (in this case 30-10)





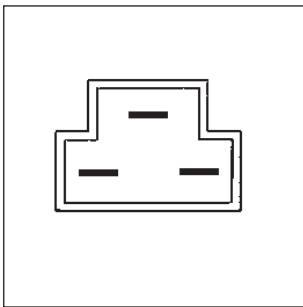
## Technical detail ALTERNATOR

**position of mounting holes**

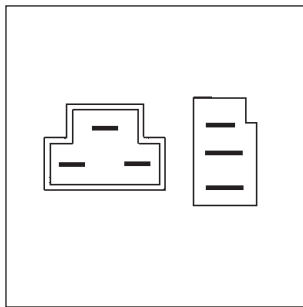


**type of plug:**

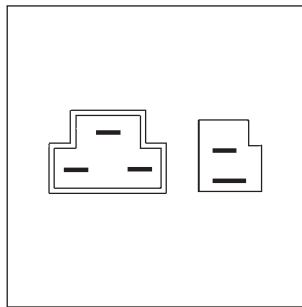
type: 1



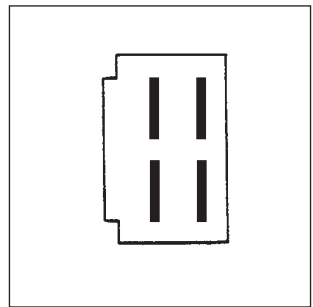
type: 2



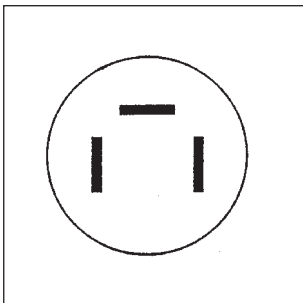
type: 3



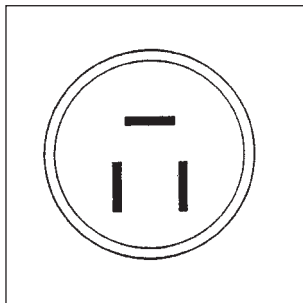
type: 4



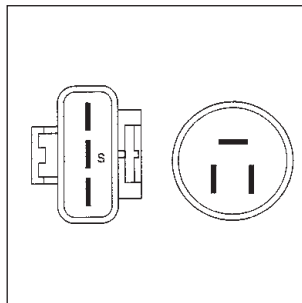
type: 5



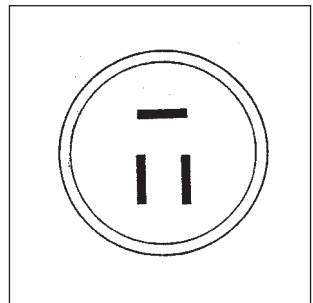
type: 6



type: 7



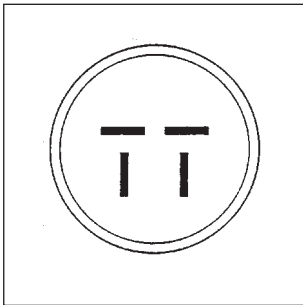
type: 8



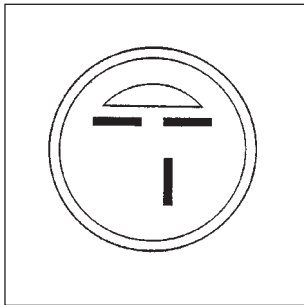
## Technical detail

## ALTERNATOR

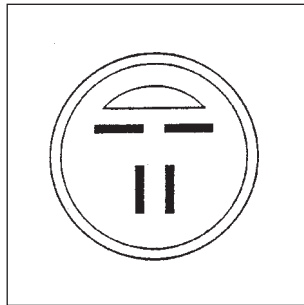
type: 9



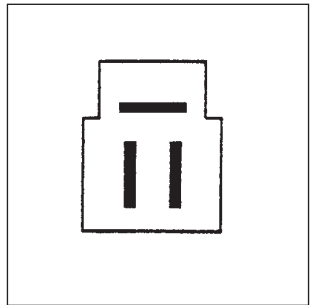
type: 10



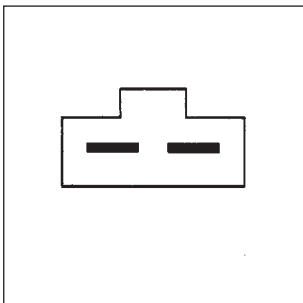
type: 11



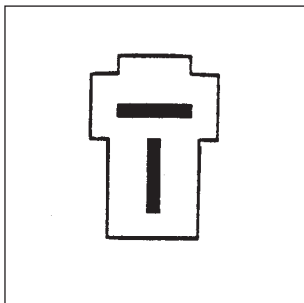
type: 12



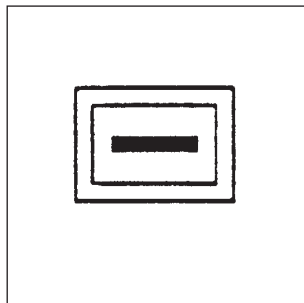
type: 13



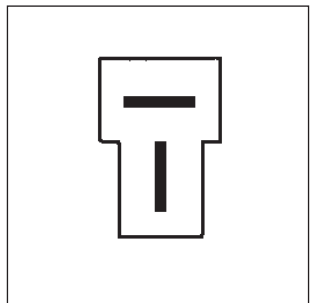
type: 14



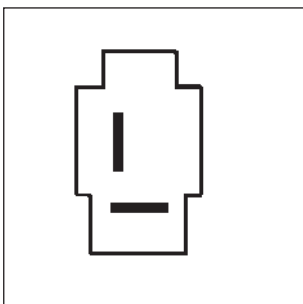
type: 15



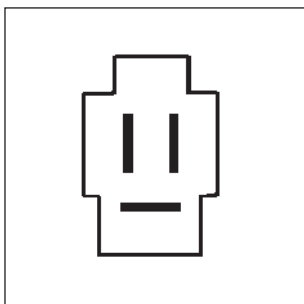
type: 16



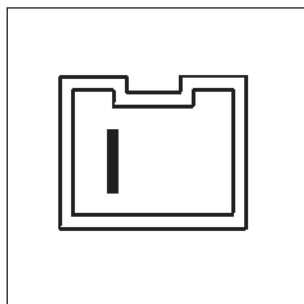
type: 17



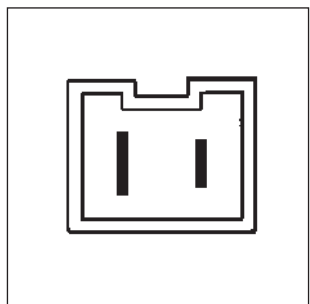
type: 18



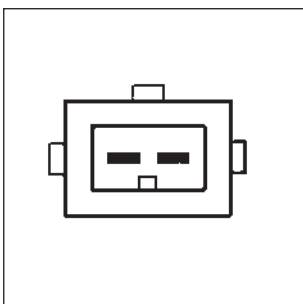
type: 19



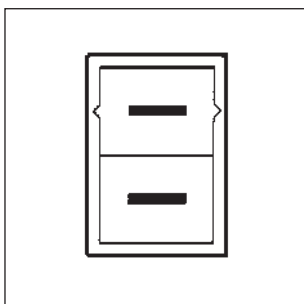
type: 20



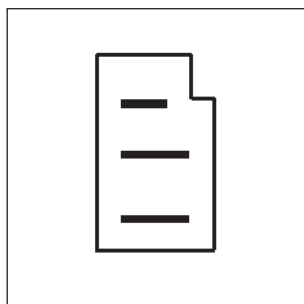
type: 21



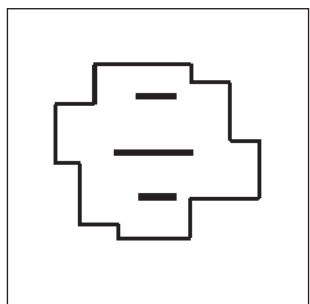
type: 22



type: 23



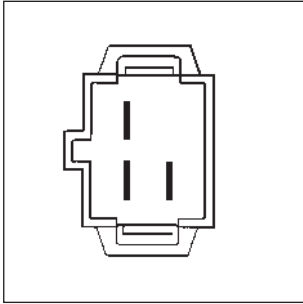
type: 24



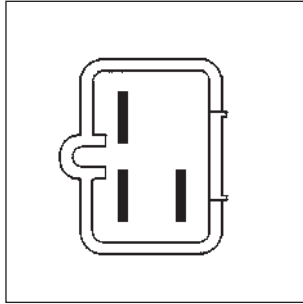


## Technical detail ALTERNATOR

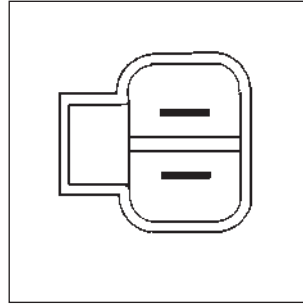
type: 25



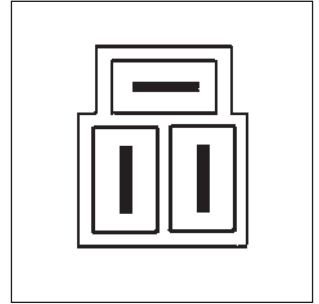
type: 26



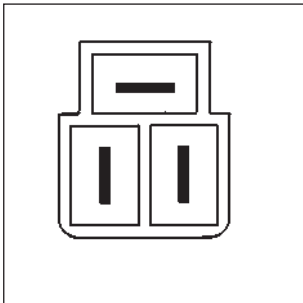
type: 27



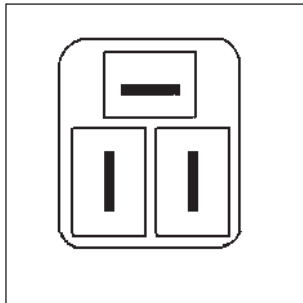
type: 28



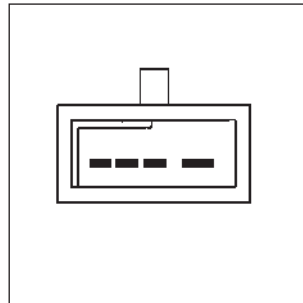
type: 29



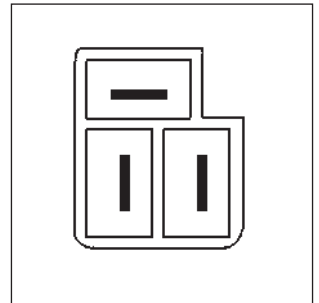
type: 30



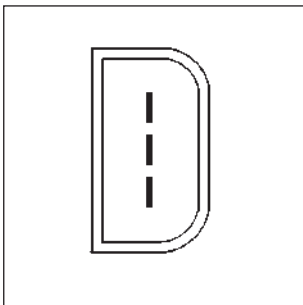
type: 31



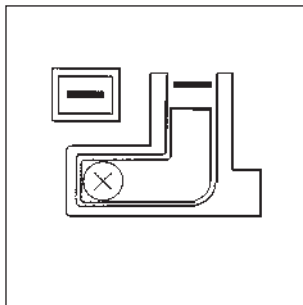
type: 32



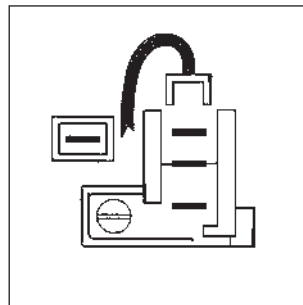
type: 33



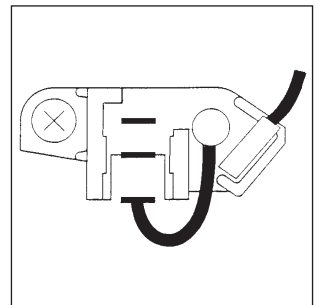
type: 34



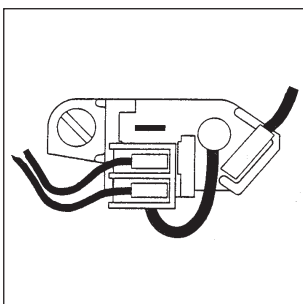
type: 35



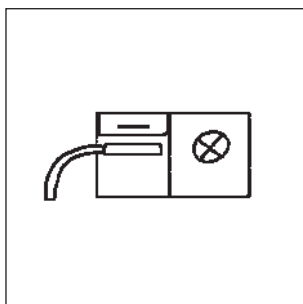
type: 36



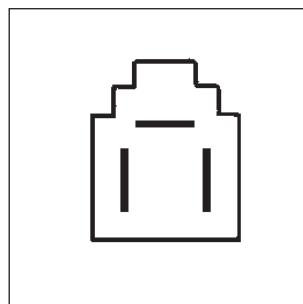
type: 37



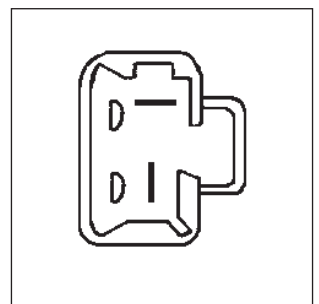
type: 38



type: 39



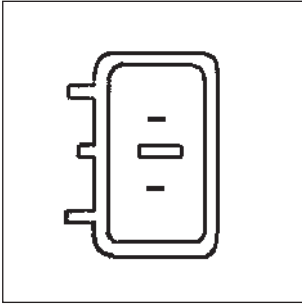
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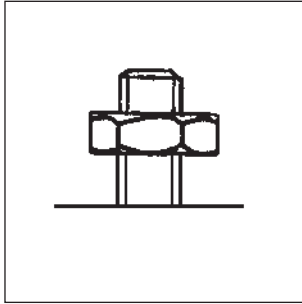
## Technical detail

## ALTERNATOR

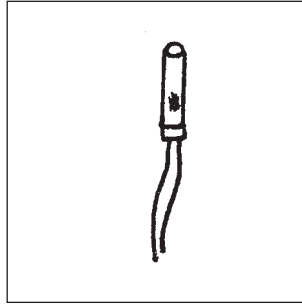
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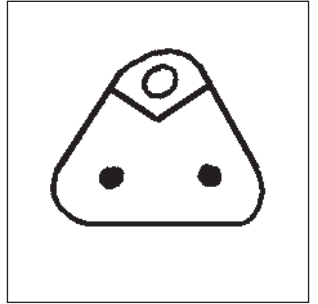
type: 42



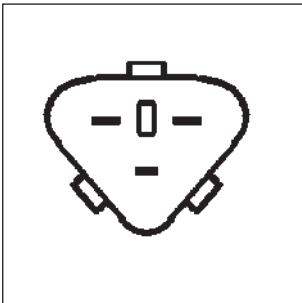
type: 43



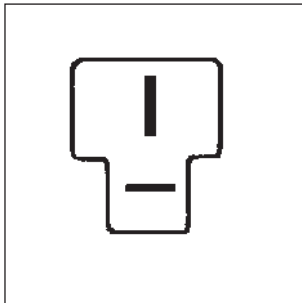
type: 44



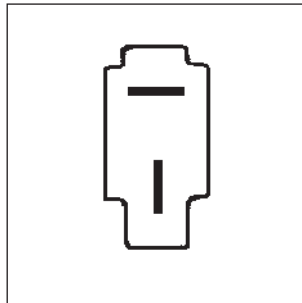
type: 45



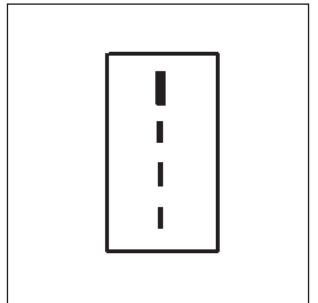
type: 46



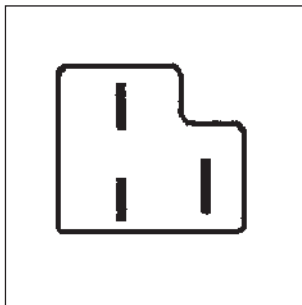
type: 47



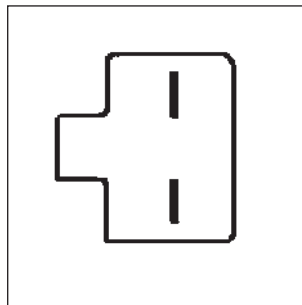
type: 48



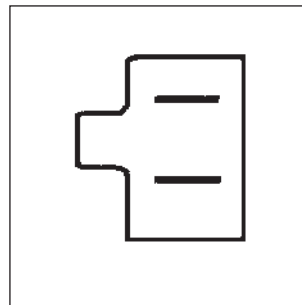
type: 49



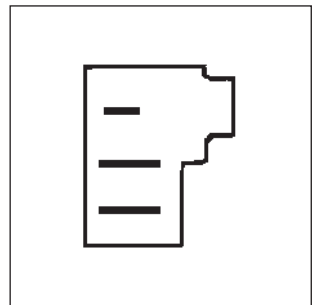
type: 50



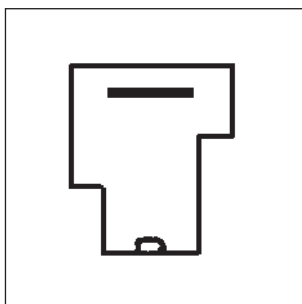
type: 51



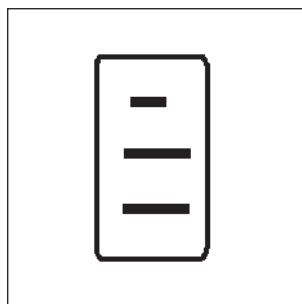
type: 52



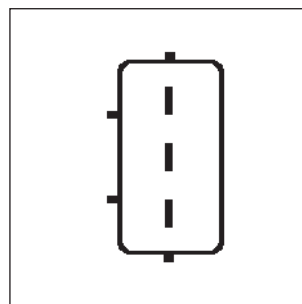
type: 53



type: 54



type: 55





## Technische Daten LICHTMASCHINE



**02-09-03-00**

Beispiel



Kundendaten:

Maschinentyp:  
Maschine Seriennr.:

Preisanfrage  
 Bestellung

Code: TY x U x I x L1 x L2 x L3 x X x Y x D1 x TA x ST-PO x C x REG x KS x VAP x  
TY-FI x AT-RI x D2 x W

.	TY
..	U
..	I
.,.	L1
.,.	L2
.,.	L3
.,.	X
.,.	Y
.	D1
.....	TA
.-.-.-	ST-PO
.,.	C
..	REG
.	KS
..	VAP
..	TY-FI
.	AT-RI
..	D2
..	W

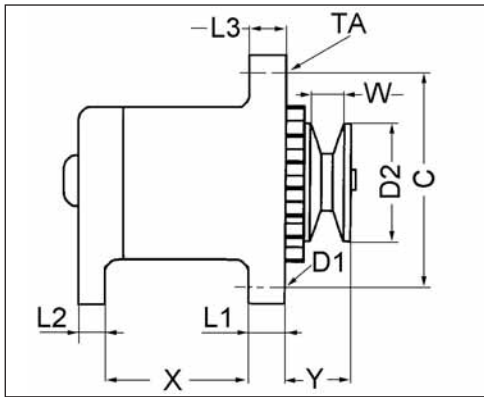
- TY . . . . . Typ (siehe Bilder)
- U . . . . . Spannung (Volt)
- I . . . . . Leistung (Amp.)
- L1 . . . . . Starke des Stützpunkt (mm)
- L2 . . . . . Starke des Stützpunkt (mm)
- L3 . . . . . Starke des Stützpunkt (mm)
- X . . . . . Maß (mm)
- Y . . . . . Maß (mm)
- D1 . . . . . Durchmesser Befestigungslöcher (mm)
- TA . . . . . Typ Gewinde der Befestigungslöcher (mm)
- ST-PO . . . . . Stand der Befestigungshalter
- C . . . . . Centermaß (mm)
- REG . . . . . Regler ja/nein
- KS . . . . . Kühlungslüfter I= innere Belüftung E= aussere Belüftung
- VAP . . . . . Vakuumpumpe ja/nein
- TY-FI . . . . . Steckertyp
- AT-RI . . . . . Keilriemenmenge
- D2 . . . . . Durchmesser Riemenscheibe (mm)
- W . . . . . Breite Lauffläche (mm)



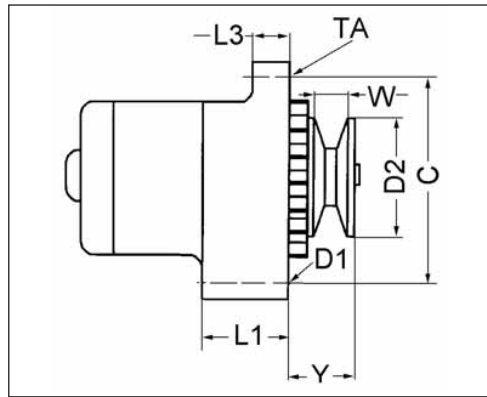
<b>Technische Daten</b>
<b>LICHTMASCHINE</b>

**Typ:**

**Typ A:**  
3 Aufhängungspunkte

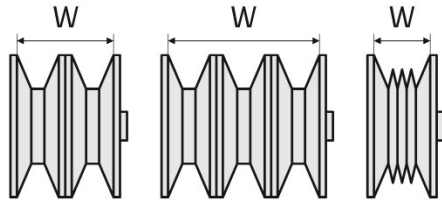


**Typ B:**  
2 Aufhängungspunkte



**Typ S:**  
Sondertypen

Abmessung :  
siehe bestehende Typen



**Stand der Befestigungshalter ( siehe Zeichnung naechster Seite)**

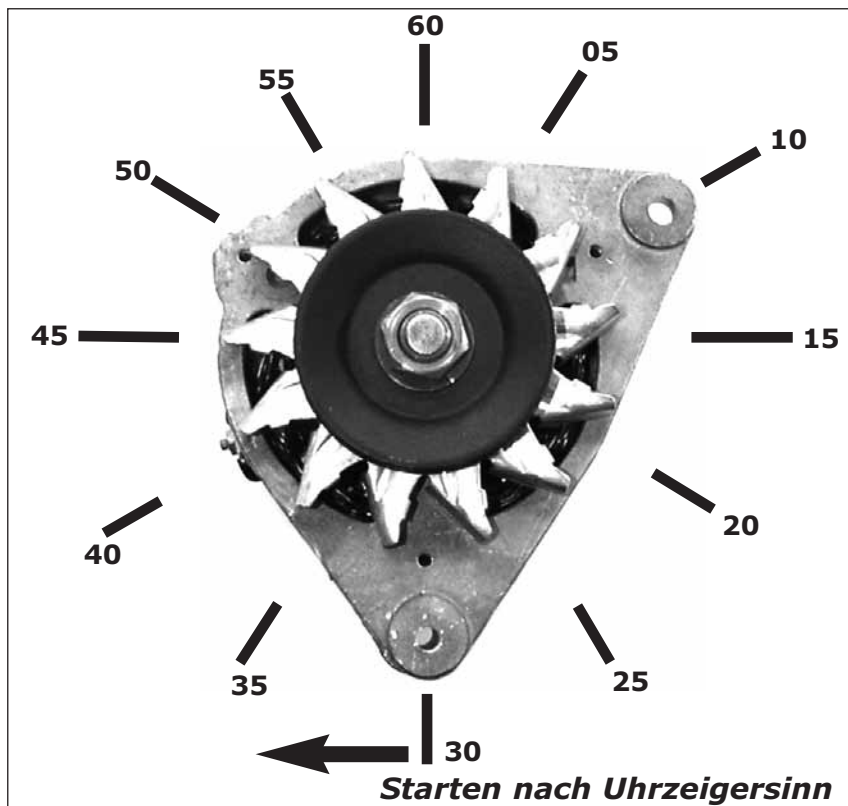
- 1) Shauen Sie die Lüfterseite an
- 2) Halten Sie den Hauptbefestigungshalter auf 30 Minuten
- 3) stellen Sie den Stand der anderen Befestigungslocher fest Bsp: 30 und 10





<b>Technische Daten</b>
<b>LICHTMASCHINE</b>

**Stand der**  
**Befestigungshalter:**



**Steckertyp:**

Siehe technische Datenblätter auf Englisch.

# ALTERNATORS

For all our latest catalogue updates and company info: [www.tvh.com](http://www.tvh.com)

used for: **ALLIS CHALMERS-KALMAR AC**

ALTERNATORS

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	53,5	14	12,5	12,5	38	74	12	174		<a href="#">105TA5493</a>
	A	67	19,8	15,4	12	32,2	69,6	12,5	154	V	<a href="#">128TA3629</a>
	A	68,5	13	13	13	39	68,5	16	154	V	<a href="#">111TA1119</a>
	A	79,8	13	13	13	50	70	13	155	V	<a href="#">124TA6604</a>
	A	80	13	13	13	37	69	10	155	V	<a href="#">124TA6630</a>
	A	80,5	13	13	13	37	73,5	13	155		<a href="#">105TA5497</a>
	A	80,5	13	13	13	37,5	65	10	175	V	<a href="#">124TA6675</a>
	A	80,5	14,5	13,5	14,5	37	72	12	157	V	<a href="#">105TA5498</a>
	A	82	12,5	12,5	13	40	69	10	155	V	<a href="#">117TA8563</a>



REF [105TA5493](#)



REF [128TA3629](#)



REF [111TA1119](#)



REF [124TA6604](#)



REF [124TA6630](#)



REF [105TA5497](#)



REF [124TA6675](#)



REF [105TA5498](#)



REF [117TA8563](#)



# ALTERNATORS

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ALTERNATORS

used for: **ALLIS CHALMERS-KALMAR AC**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		24		16,5	30,5	74	14	138	V	<a href="#">105TA5499</a>
	B		24		16,5	31	74	12	140	V	<a href="#">136TA3779</a>
	B		51		16,5				167	V	<a href="#">105TA5495</a>
	B		51		16,5	34	57,5	10	168	V	<a href="#">105TA5494</a>
	B		51		17,5	34	65	12	168		<a href="#">105TA5492</a>
24	A	71	12	14	16	63,5	95	17	170	V	<a href="#">124TA6611</a>
	A	82	13	13	13	46,5	77	16	155	V	<a href="#">124TA6599</a>
	B		58		22	63	83	31,5	160	V	<a href="#">124TA6666</a>



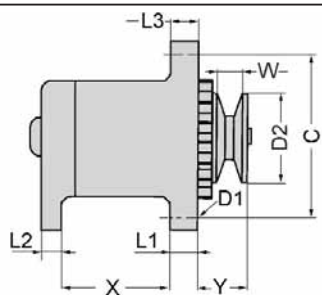
# ALTERNATORS

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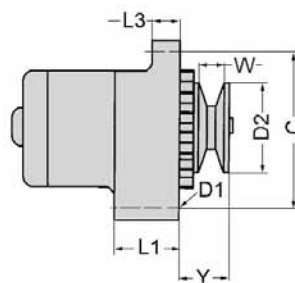
ALTERNATORS

used for: **ARTISON**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	80	13	13	13	44	82	17	155	V	<a href="#">128TA3646</a>	



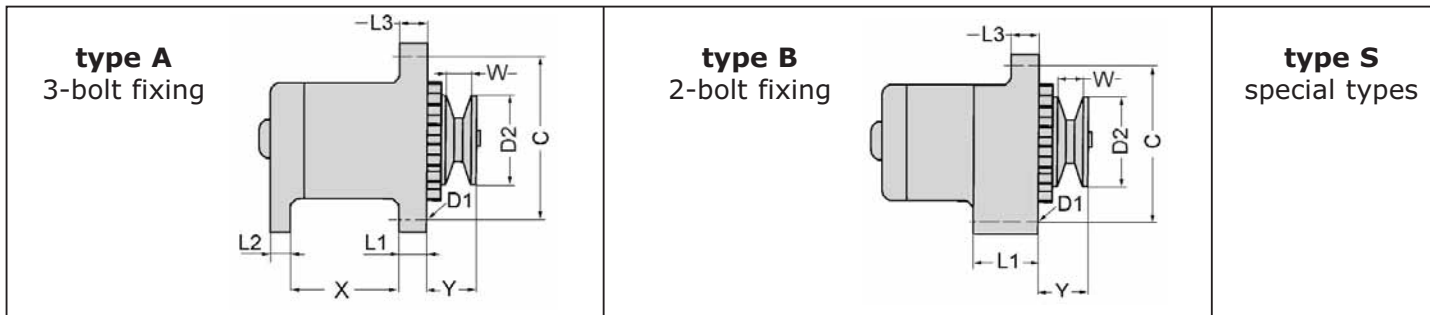
# ALTERNATORS

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ALTERNATORS

used for: **AUSA**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	81	14	20	18				140	V	<a href="#">135TA1918</a>
	B		23,5		16	32	69	13	138	V	<a href="#">135TA2471</a>
	B		24		16	33	62,8	11	140	V	<a href="#">136TA3838</a>
	B		24,4		15,8	57	63	10	138	V	<a href="#">135TA1784</a>
	B		29		17	45	74	12	155	V	<a href="#">135TA1857</a>



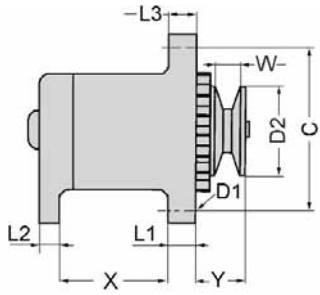
# ALTERNATORS

For all our latest catalogue updates and company info: [www.tvh.com](http://www.tvh.com)

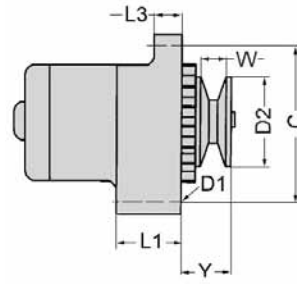
ALTERNATORS

used for: **BALKANCAR**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	83	10	10	10	34	63	12	144	V		<a href="#">103TA3786</a>





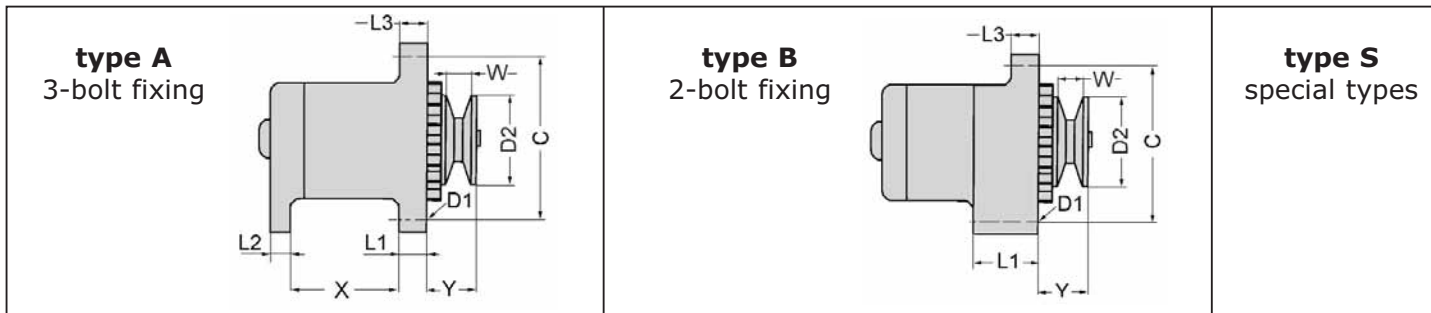
# ALTERNATORS



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used for: **BAUMANN**

ALTERNATORS



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	67	18	13	14	47	67	23	156	V	<a href="#">135TA1937</a>
	A	87	9,8	20	9,5				143	V	<a href="#">128TA3939</a>



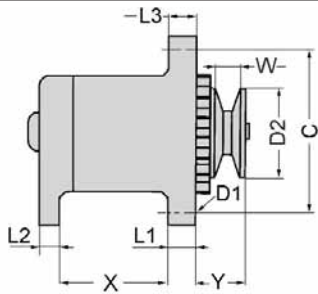
# ALTERNATORS

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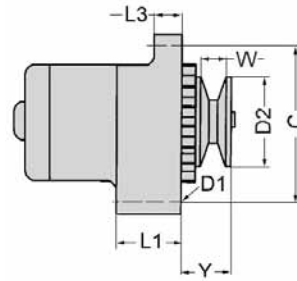
ALTERNATORS

used for: **BOBCAT**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	58	13	13	36,4	33	83	12	172	V	<a href="#">135TA1824</a>
	A	64,8	15	13	13	18,5	68,7	13	155	V	<a href="#">135TA1930</a>
	A	67,3	12	11,6	12	39	72	14	156		<a href="#">135TA1802</a>
	A	81,5	13,5	13	13	38	74	14	157	V	<a href="#">128TA3715</a>
	A	82,5	14	16	17	34	87,5	16	140	V	<a href="#">128TA3929</a>
	A	83,5	12	12	12,4	33	63,8	12	148	V	<a href="#">128TA3794</a>
	B		16,6		14,2	51,5	65	14	132		<a href="#">128TA3674</a>
	B		21		16	35	69	13	154	V	<a href="#">135TA1915</a>
	B		23,5		16	32	69	13	138	V	<a href="#">135TA2469</a>



REF [135TA1824](#)



REF [135TA1930](#)



REF [135TA1802](#)



REF [128TA3715](#)



REF [128TA3929](#)



REF [128TA3794](#)



REF [128TA3674](#)



REF [135TA1915](#)



REF [135TA2469](#)



# ALTERNATORS

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ALTERNATORS

used for: **BOBCAT**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		24		16	30,5	70	12	138	V	<a href="#">136TA8348</a>
	B		24,4		15,8	57	63	10	138	V	<a href="#">128TA3662</a>
	B		51		11,2				166	V	<a href="#">128TA3848</a>
	B		51		16,5				167	V	<a href="#">136TA3828</a>
	B		51		16,5	34	57,5	10	168	V	<a href="#">135TA1694</a>
	B		52		17	43,5	68	21,5	165	V	<a href="#">128TA3577</a>
	B		56		10				144	V	<a href="#">128TA3601</a>
	B		56		16,5				173	V	<a href="#">128TA3570</a>
	B		56		56				156	V	<a href="#">135TA1874</a>



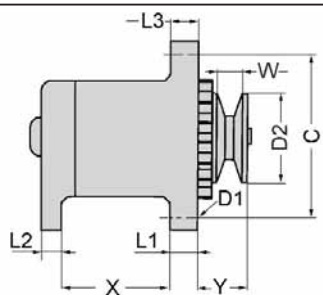
# ALTERNATORS

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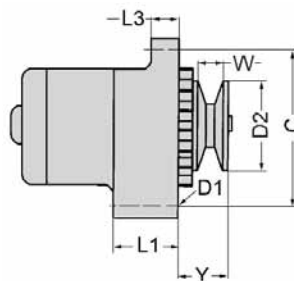
ALTERNATORS

used for: **BOBCAT**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C		REG	
12	S		16,2		16	55	65	11	117,5			<a href="#">135TA1948</a>
24	A	82	14	14	14				159,6	V		<a href="#">128TA3678</a>



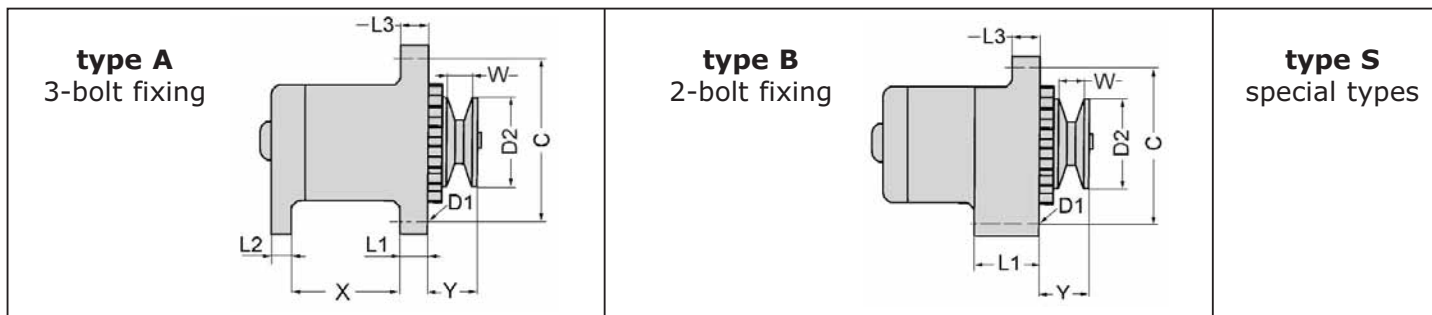
# ALTERNATORS

For all our latest catalogue updates and company info: [www.tvh.com](http://www.tvh.com)



ALTERNATORS

## used for: CLARK-SAMSUNG



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	48	13	13	13	39	68,5	14	153	V		<a href="#">105TA5531</a>
	A	53,5	14	12,5	12,5	38	74	12	174			<a href="#">105TA5533</a>
	A	53,5	14	13	13	38	74	14	175	V		<a href="#">105TA5528</a>
	A	58	13	13	36,4	33	83	12	172	V		<a href="#">124TA6728</a>
	A	63,5	15	16	15				165	V		<a href="#">116TA7256</a>
	A	65	13,5	15,5	13	44,5	73	12	175			<a href="#">110TA9057</a>
	A	65,5	13	14	13	40	74	12	175			<a href="#">103TA3678</a>
	A	67	19,8	15,4	12	32,2	69,6	12,5	154	V		<a href="#">116TA7329</a>
	A	67,3	12	11,6	12	39	72	14	156			<a href="#">135TA1800</a>





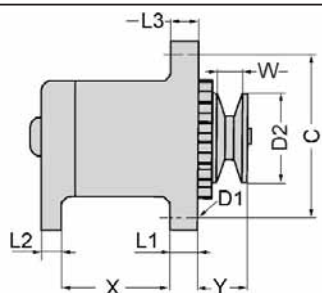
# ALTERNATORS

For all our latest catalogue updates and company info: [www.tvh.com](http://www.tvh.com)

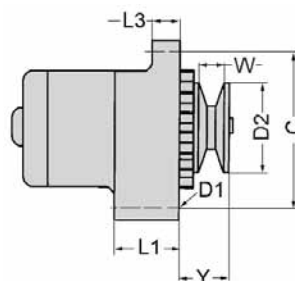
ALTERNATORS

used for: **CLARK-SAMSUNG**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	68	12	12	12	38,8	69	14,4	150	V		<a href="#">136TA3830</a>
	A	78	12,8	13	13	39	68	12	175	V		<a href="#">105TA5539</a>
	A	79	13,4	15,3	24	58	62	21,5	165	V		<a href="#">128TA3503</a>
	A	80	13	13	13	44	82	17	155	V		<a href="#">135TA1776</a>
	A	80	13,5	13	13	37	68	14	175	V		<a href="#">116TA7335</a>
	A	80,3	13	12,2	13	38,3	74	13	174	V		<a href="#">105TA5538</a>
	A	80,5	14,5	13,5	14,5	37	72	12	157	V		<a href="#">124TA6587</a>
	A	81	25	12	22	27	72,5	14	174	V		<a href="#">103TA3755</a>
	A	81,5	12,4	15,2	23,5	56,5	74	31	163	V		<a href="#">124TA6647</a>





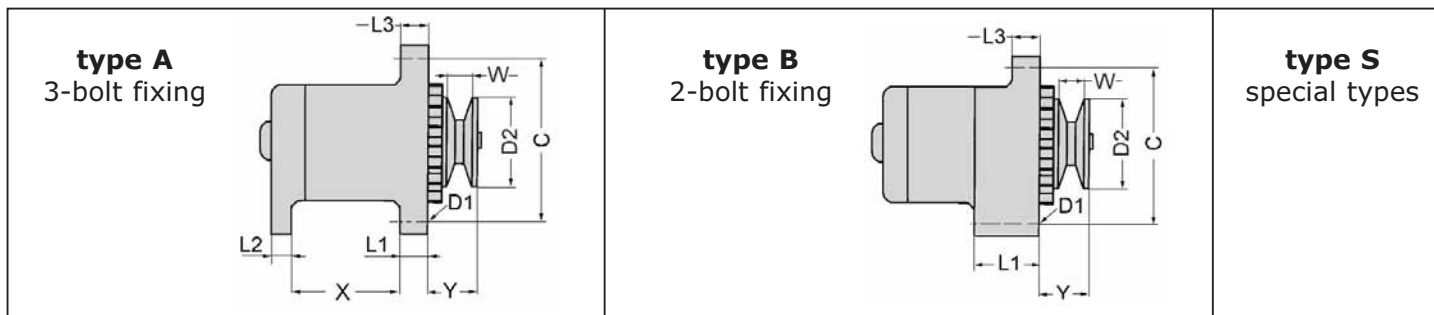
# ALTERNATORS

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ALTERNATORS

## used for: CLARK-SAMSUNG



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	81,5	13,5	13	13	38	74	14	157	V	<a href="#">116TA7310</a>
	A	82	12,5	12,5	13	40	69	10	155	V	<a href="#">135TA1700</a>
	A	83	9	20	9,5				143	V	<a href="#">135TA1921</a>
	A	100	12,5	14	14				218	V	<a href="#">116TA7305</a>
	A	101,8	14,5	20	14,5				196	V	<a href="#">128TA3909</a>
	A	102	13,5	13,5	14				200		<a href="#">124TA6742</a>
	A	181	9	10	9				156		<a href="#">105TA5536</a>
	B		27,5		16	42	76	14	175	V	<a href="#">135TA1765</a>
	B		50,5		16,5	36	84,5	18	165,5	V	<a href="#">107TA9493</a>



# ALTERNATORS

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ALTERNATORS

used for: **CLARK-SAMSUNG**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		50,7		15,7	33,5	67	10,5	167	V	<a href="#">128TA3838</a>
	B		50,8		16	33	66	12	165		<a href="#">128TA3816</a>
	B		51		11,2				166	V	<a href="#">128TA3847</a>
	B		51		11,5				166	V	<a href="#">105TA5534</a>
	B		51		15				155	V	<a href="#">128TA3505</a>
	B		51		16				165	V	<a href="#">128TA3459</a>
	B		51		16,5				167	V	<a href="#">105TA5541</a>
	B		51		16,5	34	57,5	10	168	V	<a href="#">124TA6577</a>
	B		51		17,5	32	66	12	167	V	<a href="#">128TA3920</a>



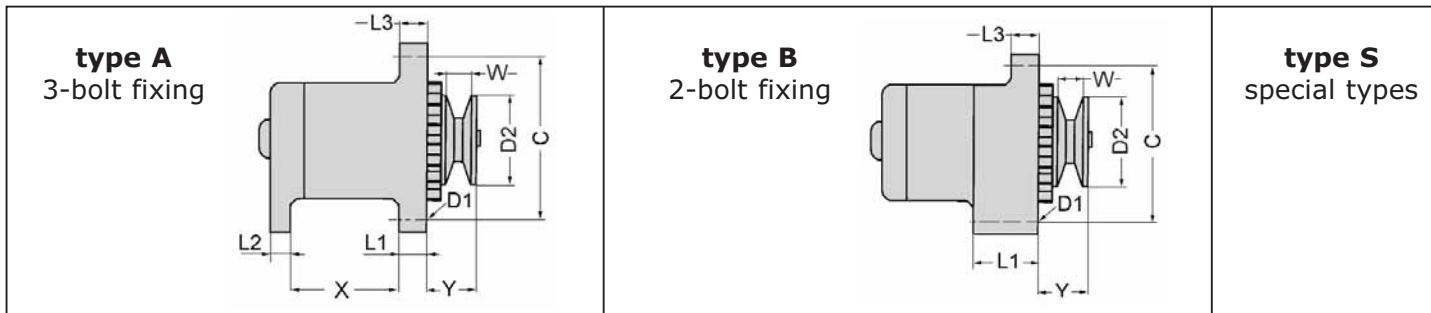
# ALTERNATORS

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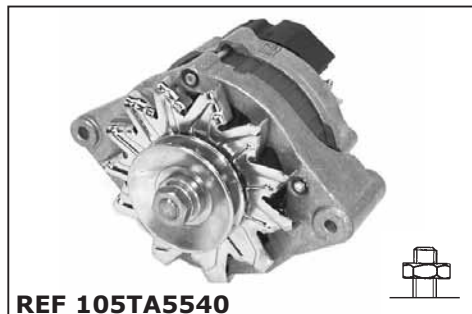
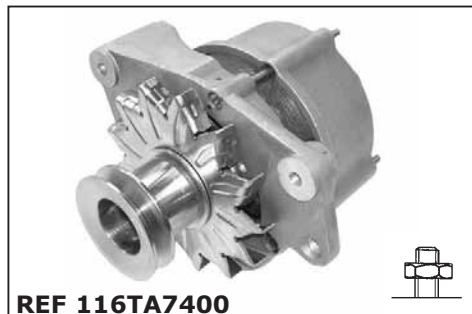
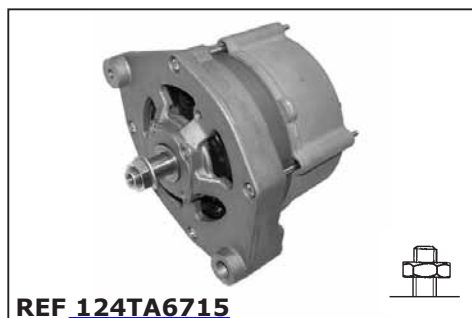


ALTERNATORS

## used for: CLARK-SAMSUNG



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		51		17,5	34	65	12	168		<a href="#">105TA5535</a>
	B		51		25,5				178	V	<a href="#">124TA6715</a>
	B		52		17	43,5	68	21,5	165	V	<a href="#">103TA3727</a>
	B		56		10				143	V	<a href="#">128TA3533</a>
	B		56		16,3	27,5	72,5	10	173	V	<a href="#">135TA1728</a>
	B		56		16,5				173	V	<a href="#">116TA7300</a>
	B		56,2		20	61	67,5	11	155	V	<a href="#">116TA7400</a>
	B		56,5		16,4	28,8	72,5	12	170	V	<a href="#">105TA5540</a>
	B		71,5		36	52,5	68	19	151	V	<a href="#">105TA5532</a>



# ALTERNATORS

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ALTERNATORS

used for: **CLARK-SAMSUNG**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		76,5		13,5	45	72	14	175	V	<a href="#">135TA1810</a>
	B		78		20				180	V	<a href="#">136TA3815</a>
24	A	80	13	13	14	43	83,5	19	175	V	<a href="#">124TA6720</a>
	A	81	14	13,5	14	52	60	30	162,5	V	<a href="#">135TA2468</a>
	A	81	14,5	13	14,5	44	84	18,5	155	V	<a href="#">105TA5537</a>
	A	101	14,5	13,3	15				210	V	<a href="#">128TA3842</a>
	B		51		16				164	V	<a href="#">103TA3660</a>





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ALTERNATORS

used for: **COVENTRY CLIMAX**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	53,5	14	13	13	38	74	14	175	V	<a href="#">124TA6602</a>
	A	65,5	27	4	11	38	85,5	10	162	V	<a href="#">105TA5901</a>
	A	70	27	13,5	11	44	66	10,5	160	V	<a href="#">103TA3811</a>
	A	80,5	14,5	13,5	14,5	37	72	12	157	V	<a href="#">105TA5545</a>
	A	81	56,5	20	56,5	32	79,5	14	147	V	<a href="#">105TA5542</a>
	A	81,5	10,4	10	10				143	V	<a href="#">124TA6642</a>
	A	81,5	12,5	12,5	12,5	38	74	12	150	V	<a href="#">105TA5543</a>
	A	82,8	11,3	12,3	11,3	32	64	12	150	V	<a href="#">124TA6608</a>
	A	87,5	9,8	10	10				142	V	<a href="#">124TA6659</a>

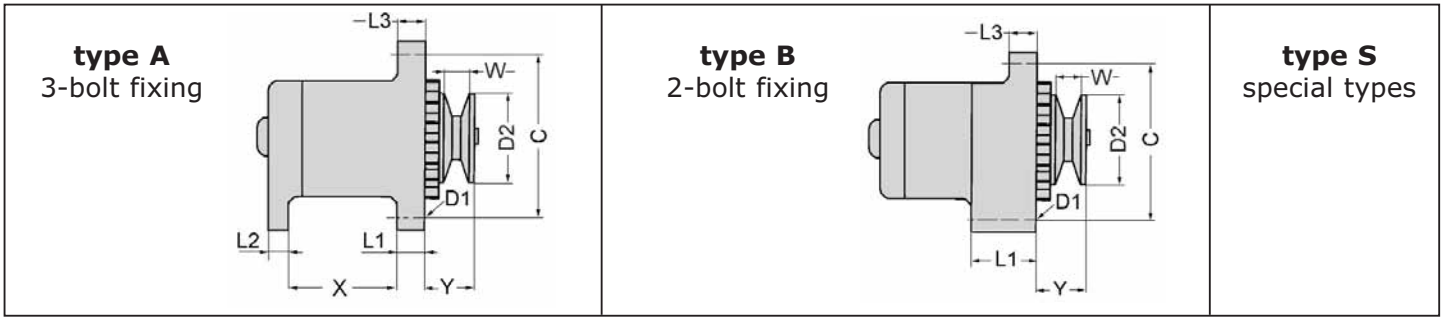


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ALTERNATORS

used for: **COVENTRY CLIMAX**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
24	A	80,5	14,8	13	14,6	37,5	72	12	155	V		<a href="#">124TA6624</a>



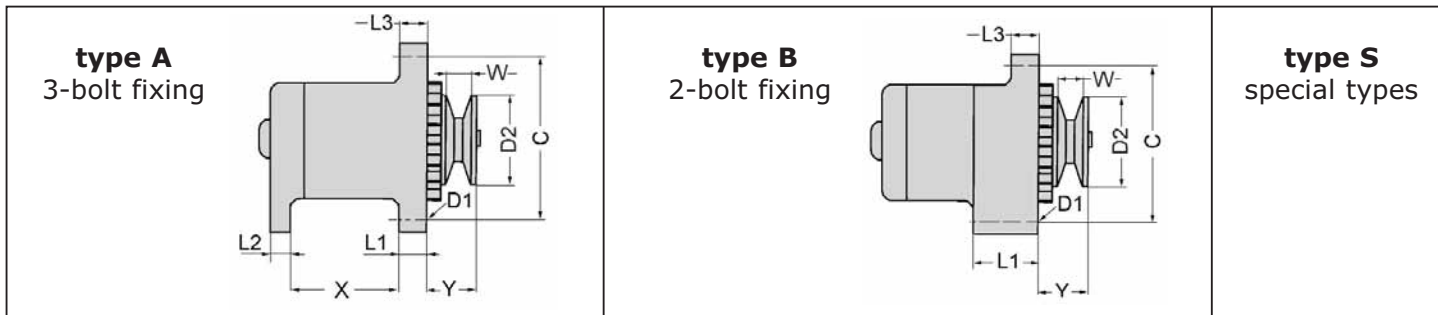




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## used for: DESTA

ALTERNATORS



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	65	27	15	10	30	65	9	168	V		<a href="#">116TA7366</a>



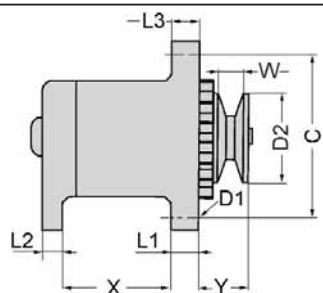
# ALTERNATORS

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ALTERNATORS

used for: **DIECI**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing

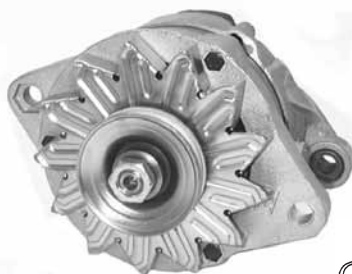


**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	63	17	16	15				166	V	<a href="#">135TA1737</a>
	A	65	17	16	15	50	93	10,5	165	V	<a href="#">135TA1760</a>
	A	82,5	14	13,5	14	55	60	30	165	V	<a href="#">136TA3854</a>
	B		56		56				155	V	<a href="#">135TA1837</a>
24	A	64	17	13,3	17	36,5			183	V	<a href="#">135TA1898</a>



REF [135TA1737](#)



REF [135TA1760](#)



REF [136TA3854](#)



REF [135TA1837](#)



REF [135TA1898](#)



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ALTERNATORS

used for: **FANTUZZI**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	60,5	17	21,5	17				166			<a href="#">128TA3546</a>
	A	63,5	15	16	15				165	V		<a href="#">128TA3469</a>
	A	64,5	16,5	16	15		71		166	V		<a href="#">128TA3564</a>
	A	81,5	12,5	12,5	12,5	38	74	12	150	V		<a href="#">105TA5552</a>
24	A	82	14	14	14				159,6	V		<a href="#">128TA3684</a>
	A	101	14	13,5	14				198	V		<a href="#">128TA3808</a>
	A	102	14	14	14				197	V		<a href="#">136TA3834</a>
	B		51		14				171	V		<a href="#">128TA3598</a>
	B		51		25,7				195	V		<a href="#">128TA3536</a>

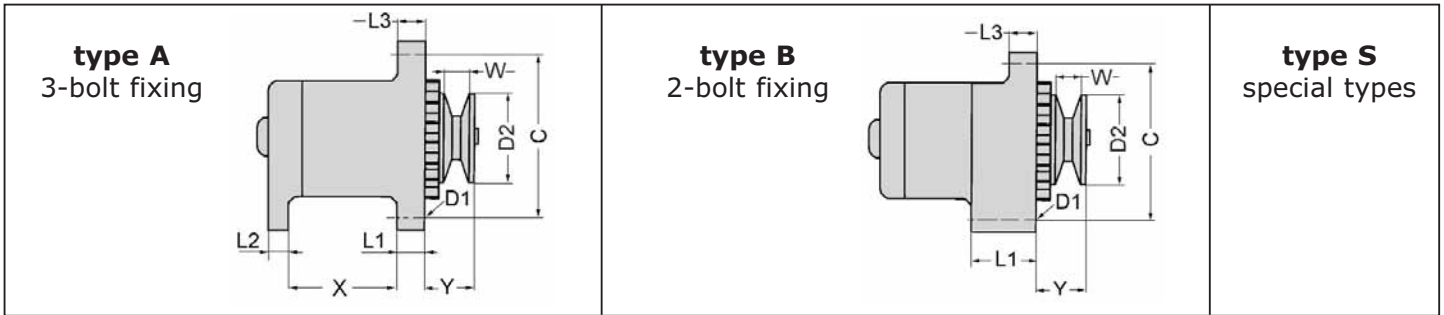


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ALTERNATORS

used for: **FANTUZZI**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
24	B		77		21				184	V	<a href="#">128TA3706</a>
28	B		50,7		21				171	V	<a href="#">136TA3840</a>



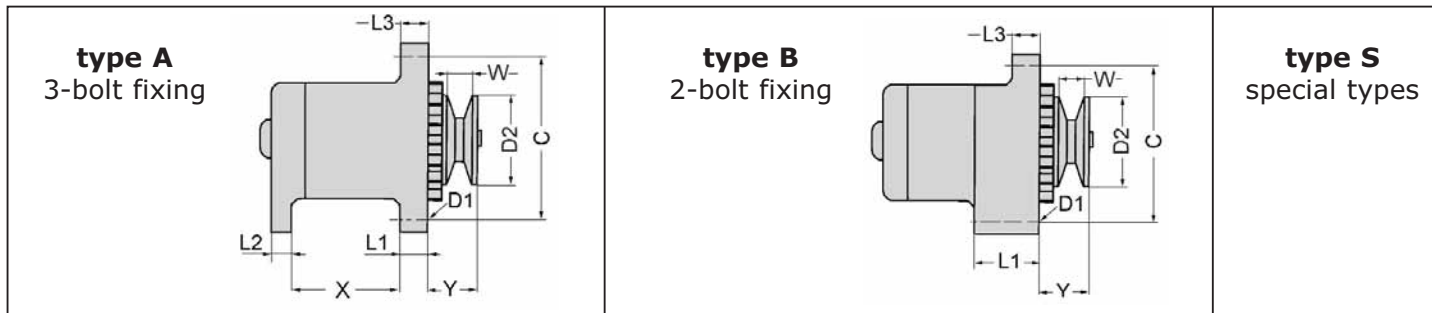
# ALTERNATORS

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ALTERNATORS

used for: **FENWICK & PEG**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	66	27	4	11	30	72,5	12,5	163	V	<a href="#">128TA3852</a>
	A	66	27,3	4	11,2	29	73	10	162	V	<a href="#">116TA7357</a>
	A	69	27	12	11	29,5	70	11,5	141	V	<a href="#">103TA3653</a>
	A	70,8	17	12	18		72,5	11	164	V	<a href="#">135TA1772</a>
	A	81	56,5	20	56,5	32	79,5	14	147	V	<a href="#">105TA5554</a>
	A	81,5	12,5	12,5	12,5	38	74	12	150	V	<a href="#">105TA5557</a>
	A	82,8	11,3	12,3	11,3	32	64	12	150	V	<a href="#">128TA3732</a>
	A	83,5	12	12	12,4	33	63,8	12	148	V	<a href="#">128TA3793</a>
	A	84,5	10,5	10,5	10,5				148	V	<a href="#">124TA6701</a>



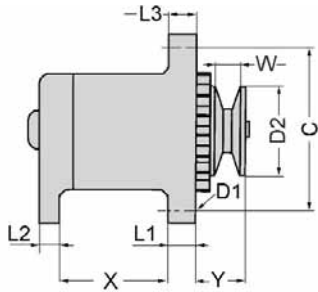
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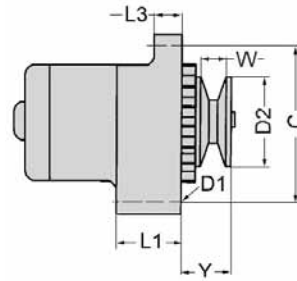
ALTERNATORS

used for: **FENWICK & PEG**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		51		16,5				167	V	<a href="#">105TA5553</a>
	B		56		10	28	72,5	11	144	V	<a href="#">105TA5556</a>
	B		56,2		20	61	67,5	11	155	V	<a href="#">135TA1860</a>
	B	68	27	9,5	11	38,5	60	20	169	V	<a href="#">107TA9548</a>



REF [105TA5553](#)



REF [105TA5556](#)



REF [135TA1860](#)



REF [107TA9548](#)



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used for: **GENIE**

ALTERNATORS



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		15		13	39	74,5	14	155,5	V	<a href="#">135TA1872</a>
	B		21,5		16	32	76	14	140	V	<a href="#">135TA1730</a>
	B		24,4		15,8	57	63	10	138	V	<a href="#">128TA3868</a>
48	A	100	9	13	9	39	77	19	228,7	V	<a href="#">135TA1894</a>



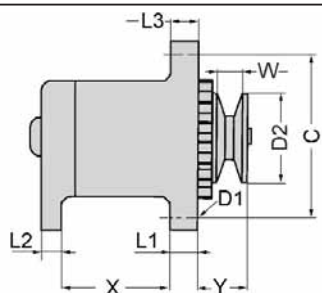
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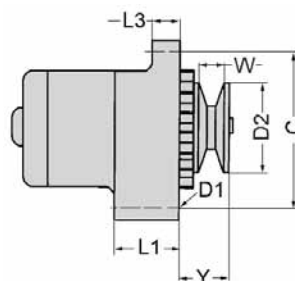
used for: **HANGZHOU / HC / HANGCHA**

ALTERNATORS

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing

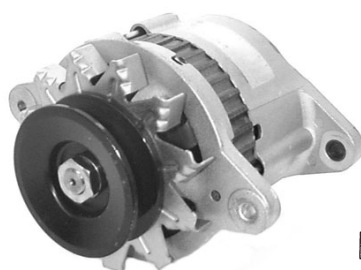


**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	80	13	13	13	37	69	10	155	V	<a href="#">135TA1761</a>
	A	80	13	13	13	44	82	17	155	V	<a href="#">136TA3799</a>
	A	80,5	13	13	13,5	57	84,5	33	175,5	V	<a href="#">135TA1780</a>
	A	80,5	14,5	13,5	14,5	37	72	12	157	V	<a href="#">135TA1755</a>
	A	82	12,5	12,5	13	40	69	10	155	V	<a href="#">135TA1701</a>
	A	82	13	13	13	56	84	33	175	V	<a href="#">135TA1711</a>
	B		59,5		16	41,5	80	15	160	V	<a href="#">135TA1886</a>
24	A	80	13	12,5	13	55,5	84	31	174	V	<a href="#">135TA1695</a>
	A	86	14	14	14,2	67,5	84	39	222	V	<a href="#">135TA1795</a>



REF [135TA1761](#)



REF [136TA3799](#)



REF [135TA1780](#)



REF [135TA1755](#)



REF [135TA1701](#)



REF [135TA1711](#)



REF [135TA1886](#)



REF [135TA1695](#)



REF [135TA1795](#)



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used for: **HANGZHOU / HC / HANGCHA**

ALTERNATORS



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
24	B		59		15,5	40	79,5	13	159,7		<a href="#">135TA1900</a>



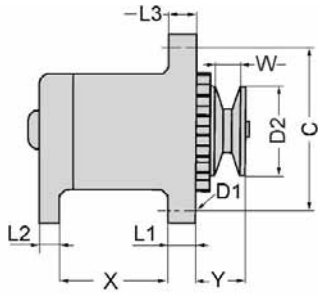
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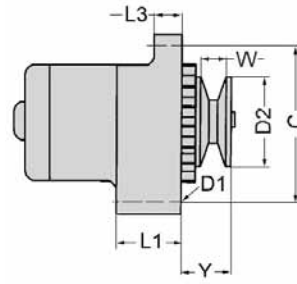
ALTERNATORS

used for: **HARLAN**

**type A**  
3-bolt fixing

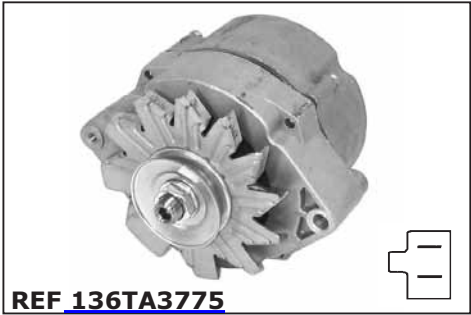


**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		51		17,5	34	65	12	168		<a href="#">136TA3775</a>



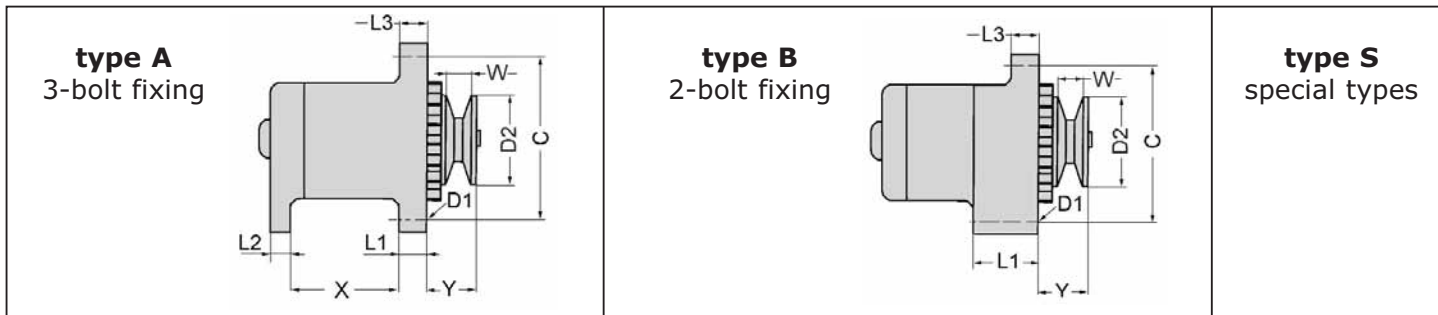
# ALTERNATORS



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used for: **HAULOTTE**

ALTERNATORS



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		56		56				155	V	<a href="#">136TA3822</a>



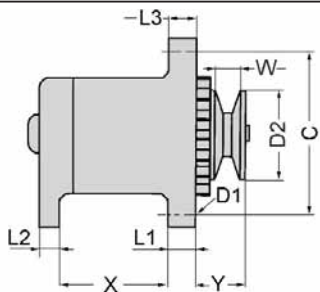
# ALTERNATORS

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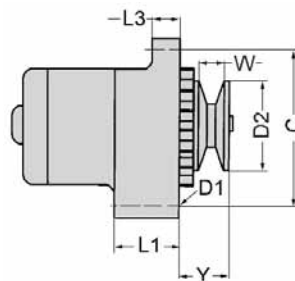
ALTERNATORS

used for: **HEDEN - DANTRUCK**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	81,5	12,5	12,5	12,5	38	74	12	150	V	<a href="#">105TA5575</a>	





# ALTERNATORS

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ALTERNATORS

used for: **HELI**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	80	13	13	13	37	69	10	155	V	<a href="#">135TA1762</a>
	A	80	13	20	13	46	82	16	168	V	<a href="#">135TA1929</a>
	A	80,5	13	13	13	40,5	77	13	175	V	<a href="#">135TA1828</a>
	A	80,5	14,5	13,5	14,5	37	72	12	157	V	<a href="#">135TA1756</a>
	A	82	12,5	12,5	13	40	69	10	155	V	<a href="#">135TA1703</a>
	B		24		16	33	62,8	11	140	V	<a href="#">135TA1877</a>
24	A	70	16	16	16	76,5	82	35,5	196	V	<a href="#">136TA3782</a>
	A	70,5	16	16	16	75,5	82	38	224	V	<a href="#">136TA3792</a>
	A	80,5	14,8	13	14,6	37,5	72	12	155	V	<a href="#">135TA1757</a>



# ALTERNATORS

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ALTERNATORS

used for: **HYSTER**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	41	16,5	13	13	33,5	68	14	145	V	<a href="#">128TA3572</a>
	A	64,5	16,5	12	16,5	47,5	67	23	155	V	<a href="#">128TA3855</a>
	A	65,5	13	14	13	40	74	12	175		<a href="#">135TA1743</a>
	A	66,5	12	12	12	39	68,5	14	142	V	<a href="#">103TA3633</a>
	A	67	20	12	16	40	76	16	156	V	<a href="#">128TA3942</a>
	A	67	20	12	16	41	75	17	156	V	<a href="#">135TA1738</a>
	A	67	20	12	16	42	75	17	155	V	<a href="#">136TA3781</a>
	A	67,3	20	12	16,3	32,5	69	12	155,5	V	<a href="#">128TA3667</a>
	A	75,5	12	12	12	42	72	14	180		<a href="#">116TA7307</a>



REF [128TA3572](#)



REF [128TA3855](#)



REF [135TA1743](#)



REF [103TA3633](#)



REF [128TA3942](#)



REF [135TA1738](#)



REF [136TA3781](#)



REF [128TA3667](#)



REF [116TA7307](#)



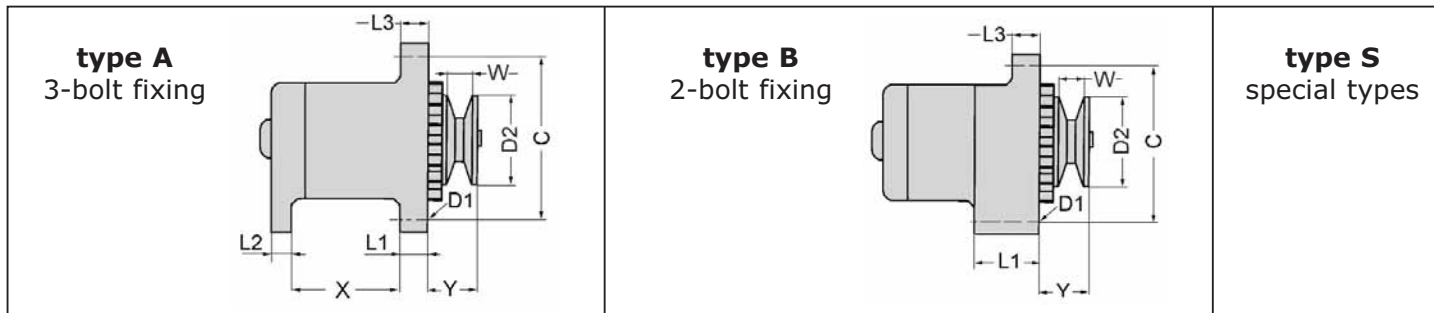
# ALTERNATORS

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ALTERNATORS

used for: **HYSTER**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	78	12,8	13	13	39	68	12	175	V		<a href="#">135TA1849</a>
	A	80	13	13	13	38,5	68	14	175	V		<a href="#">103TA3672</a>
	A	80	13	13	13	38,5	69	10	156	V		<a href="#">128TA3756</a>
	A	80	13	13	13	39,3	78,6	14	157	V		<a href="#">135TA1774</a>
	A	80	13	13	13	40	72,5	13	155	V		<a href="#">135TA1763</a>
	A	80,1	13,1	13,1	13,1	40	73,4	12,5	155			<a href="#">105TA5580</a>
	A	80,5	13	13	13	37	73,5	13	155			<a href="#">128TA3502</a>
	A	80,5	13	13	13	39	85	16	173	V		<a href="#">116TA7354</a>
	A	80,5	13	13,5	13,5	39	74	14	174	V		<a href="#">103TA3707</a>



# ALTERNATORS

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ALTERNATORS

used for: **HYSTER**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	80,5	13,5	13,5	13	40	73	13,5	155	V	<a href="#">136TA3772</a>
	A	80,5	14	20	14				149		<a href="#">135TA1913</a>
	A	80,5	14,5	13,5	14,5	37	72	12	157	V	<a href="#">111TA1141</a>
	A	81	25	12	22	27	72,5	14	174	V	<a href="#">105TA5894</a>
	A	81,5	10,4	10	10				143	V	<a href="#">116TA7334</a>
	A	81,5	12,5	12,5	12,5	38	74	12	150	V	<a href="#">136TA3816</a>
	A	81,5	13	16	13	38	74	14	158	V	<a href="#">103TA3640</a>
	A	81,5	13,5	13	13	38	74	14	157	V	<a href="#">124TA6674</a>
	A	82	12,5	12,5	13	40	69	10	155	V	<a href="#">135TA1699</a>



REF [136TA3772](#)



REF [135TA1913](#)



REF [111TA1141](#)



REF [105TA5894](#)



REF [116TA7334](#)



REF [136TA3816](#)



REF [103TA3640](#)



REF [124TA6674](#)



REF [135TA1699](#)





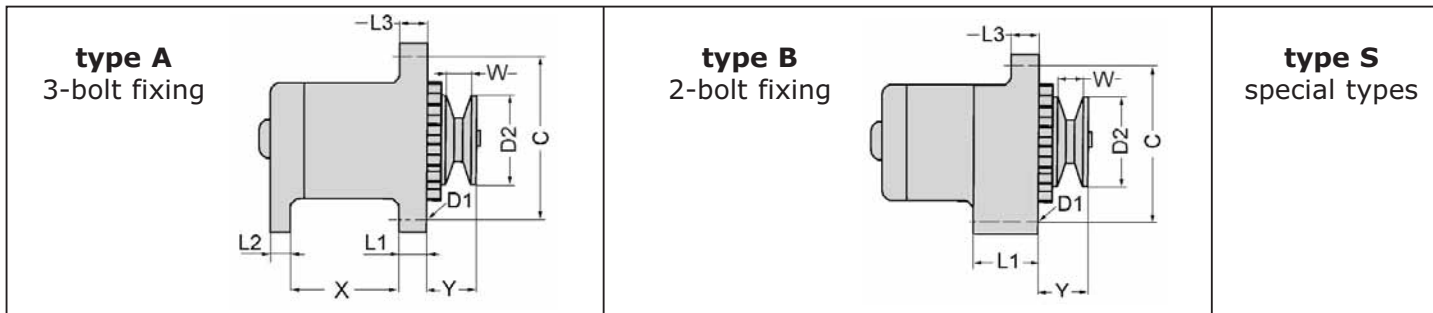
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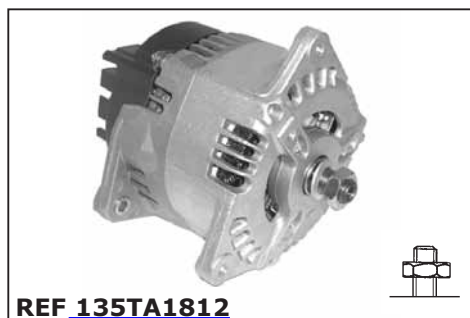


ALTERNATORS

used for: **HYSTER**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	82	13	13	12	40,7	72	12	176	V	<a href="#">105TA5582</a>
	A	82,5	14	15	14				150	V	<a href="#">135TA1812</a>
	A	82,7	14	16	17,5				140	V	<a href="#">128TA3830</a>
	A	82,8	11,3	12,3	11,3	32	64	12	150	V	<a href="#">135TA1816</a>
	A	83	11	12	11				150	V	<a href="#">135TA1847</a>
	A	83	11	12,5	11	38	74	12	148	V	<a href="#">135TA1741</a>
	A	83	11	14	11				150	V	<a href="#">135TA1768</a>
	A	83	11,3	12	11	38,5	83,5	15	150	V	<a href="#">135TA1845</a>
	A	83	11,3	12	11,3	32,5	81,5		149	V	<a href="#">135TA1814</a>



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ALTERNATORS

used for: **HYSTER**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	83,3	11,2	11,5	11,3	32,5	63,8	12	148,5	V	<a href="#">135TA1786</a>	
	A	83,5	11,5	12	11,2	33,4	74	12	150	V	<a href="#">135TA1819</a>	
	A	101,5	14,5	14	14,5				215	V	<a href="#">103TA3784</a>	
	A	102	14	13,5	14				215	V	<a href="#">103TA3658</a>	
	B		16,6		14,2	51,5	65	14	132		<a href="#">135TA1789</a>	
	B		21		16	32	69,3	12,5	154	V	<a href="#">135TA1940</a>	
	B		21		16	33,5	70	14	154	V	<a href="#">128TA3849</a>	
	B		27,5		16	42	76	14	175	V	<a href="#">107TA9429</a>	
	B		50,6		15,8				172	V	<a href="#">135TA1890</a>	



REF [135TA1786](#)



REF [135TA1819](#)



REF [103TA3784](#)



REF [103TA3658](#)



REF [135TA1789](#)



REF [135TA1940](#)



REF [128TA3849](#)



REF [107TA9429](#)



REF [135TA1890](#)



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ALTERNATORS

used for: **HYSTER**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		50,7		16,5	52,5	86	30,6	165	V	<a href="#">116TA7405</a>
	B		50,8		15,7				170	V	<a href="#">128TA3886</a>
	B		50,8		16				170	V	<a href="#">135TA1871</a>
	B		50,8		16	46,5	72	26,5	165	V	<a href="#">135TA1807</a>
	B		51		11,5				164	V	<a href="#">135TA1766</a>
	B		51		11,5				165	V	<a href="#">105TA5896</a>
	B		51		12	41	69	17,5	155		<a href="#">135TA1715</a>
	B		51		15				155	V	<a href="#">135TA1719</a>
	B		51		15	34	66	12	170	V	<a href="#">103TA3683</a>



# ALTERNATORS

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ALTERNATORS

used for: **HYSTER**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		51		16				165	V	<a href="#">128TA3458</a>
	B		51		16,2				171	V	<a href="#">135TA1747</a>
	B		51		16,4	44	67	23	165	V	<a href="#">124TA6687</a>
	B		51		16,5				167	V	<a href="#">128TA3445</a>
	B		51		16,5	34	57,5	10	168	V	<a href="#">105TA5579</a>
	B		51		16,5	45,5	61,5	24,3	137	V	<a href="#">103TA3648</a>
	B		51		16,6	49	69	25,3	165	V	<a href="#">124TA6693</a>
	B		51		17,5	34	65	12	168		<a href="#">105TA5578</a>
	B		56		16,5				173	V	<a href="#">116TA7299</a>



REF [128TA3458](#)



REF [135TA1747](#)



REF [124TA6687](#)



REF [128TA3445](#)



REF [105TA5579](#)



REF [103TA3648](#)



REF [124TA6693](#)



REF [105TA5578](#)



REF [116TA7299](#)



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ALTERNATORS

used for: **HYSTER**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		58		16	53	82	16,5	165	V	<a href="#">128TA3633</a>
	B		58		16	54,5	56,5	23,5	152	V	<a href="#">128TA3931</a>
	B		76		21				174	V	<a href="#">103TA3652</a>
	B		76,5		13,5	45	72	14	175	V	<a href="#">128TA3717</a>
24	A	80	13	12,5	13	55,5	84	31	174	V	<a href="#">135TA1696</a>
	A	81	13	13	14,5	44,5	84	18,5	175	V	<a href="#">128TA3465</a>
	A	81,5	13,5	13	14,2	44	70	16,5	189	V	<a href="#">128TA3653</a>
	A	82	14	14	14				159,6	V	<a href="#">135TA1791</a>
	A	83,5	14,5	15	14				148	V	<a href="#">135TA1869</a>



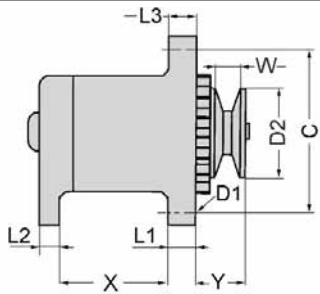
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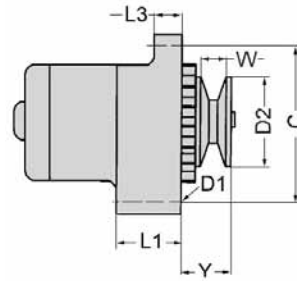
ALTERNATORS

used for: **HYSTER**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
24	A	101	14	13,5	14				198	V		<a href="#">124TA6705</a>
	A	101	14	13,5	14				198	V		<a href="#">128TA3921</a>
	A	101,5	14	14	14				198,5	V		<a href="#">135TA1949</a>
	A	101,5	15	14	15				197	V		<a href="#">105TA5586</a>
	B		76		21				175	V		<a href="#">103TA3687</a>
	B		76		21				180	V		<a href="#">103TA3706</a>
	B		77		21				184	V		<a href="#">135TA1805</a>



REF [124TA6705](#)



REF [128TA3921](#)



REF [135TA1949](#)



REF [105TA5586](#)



REF [103TA3687](#)



REF [103TA3706](#)



REF [135TA1805](#)





# ALTERNATORS

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ALTERNATORS

used for: **HYUNDAI**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	48	13	13	13	37	67,5	12	177	V		<a href="#">124TA6618</a>
	A	48,2	12,8	12,8	12,8	36,5	68	10	154	V		<a href="#">128TA3745</a>
	A	54,8	13	13	13		61,8	16	173			<a href="#">136TA3844</a>
	A	67	19,8	15,4	12	32,2	69,6	12,5	154	V		<a href="#">124TA6638</a>
	A	78	12,8	13	13	39	68	12	175	V		<a href="#">124TA6582</a>
	A	80	13	13	13	44	82	17	155	V		<a href="#">124TA6753</a>
	A	80,5	13	12,8	13	43,5	88	17,5	174	V		<a href="#">106TA5146</a>
	A	81,5	12	13	12	44	82	16,5	146	V		<a href="#">128TA3746</a>
	A	82	12,5	12,5	13	40	69	10	155	V		<a href="#">135TA1702</a>



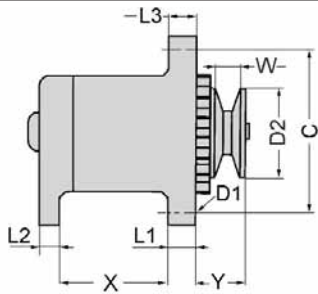
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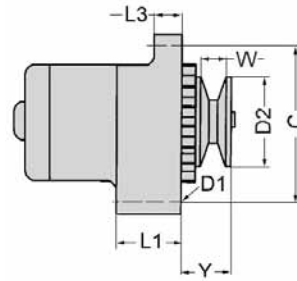
ALTERNATORS

used for: **HYUNDAI**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		21,3		15,5	35	74,5	14	138	V	<a href="#">136TA3814</a>
	B		21,3		16	33	63	12	147	V	<a href="#">135TA1843</a>
	B		24		16,5	30,5	74	14	138	V	<a href="#">105TA5573</a>
	B		29		17	45	74	12	155	V	<a href="#">136TA3831</a>
	B		51		16,5				167	V	<a href="#">105TA5571</a>
	B		59,5		16	41,5	80	15	160	V	<a href="#">136TA3841</a>
24	A	70	16	16	16	76,5	82	35,5	196	V	<a href="#">105TA5572</a>
	A	80,4	13	12,8	14,5	45	84	17	175	V	<a href="#">124TA6726</a>
	A	80,8	18,1	13	18,2	43	104	23	190	V	<a href="#">103TA3733</a>





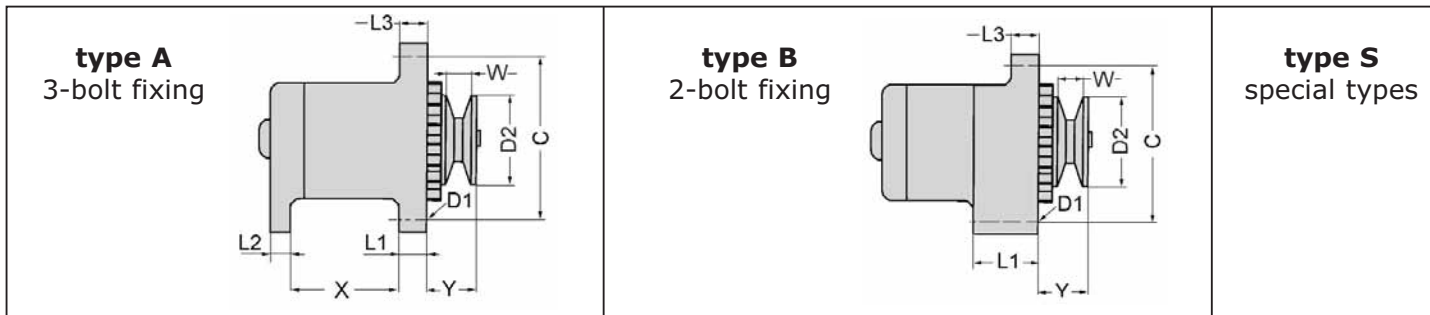
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ALTERNATORS

used for: **HYUNDAI**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
24	A	81	14,5	13	14,5	44	84	18,5	155	V		<a href="#">135TA1691</a>
	A	82	13	13	13	46,5	77	16	155	V		<a href="#">105TA5574</a>
	A	82	13	13	13	54,5	79	29	175	V		<a href="#">128TA3900</a>
	A	101	14	13,5	14				198	V		<a href="#">116TA7356</a>
	A	101,5	14,5	13,5	14,5				197	V		<a href="#">128TA3817</a>
	A	101,5	15	14	15				197	V		<a href="#">116TA7324</a>
	A	102	14	14	14				198	V		<a href="#">135TA1934</a>



# ALTERNATORS

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ALTERNATORS

used for: **JCB**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	80	13	13	13	38,5	68	14	175	V		<a href="#">135TA1742</a>
	A	80,8	14,3	19,8	14,2	46	60,7	30	129	V		<a href="#">128TA3892</a>
	A	81	14	20	14	46	61	32,5	128	V		<a href="#">128TA3894</a>
	A	81	14	20	18				140	V		<a href="#">128TA3768</a>
	A	81,5	12	13	12	37,2	74	12	149	V		<a href="#">128TA3773</a>
	A	81,5	12,5	12,5	12,5	38	74	12	150	V		<a href="#">128TA3801</a>
	A	82	10	20	10	43	74	13	144	V		<a href="#">136TA8345</a>
	A	82	11	20,5	11				150	V		<a href="#">136TA3866</a>
	A	82	11,5	11,4	11,5				148	V		<a href="#">135TA1885</a>



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ALTERNATORS

used for: **JCB**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	82,5	14,3	15,8	17,7	33,8	73	13	140		<a href="#">135TA1853</a>
	A	82,7	14	16	17				140	V	<a href="#">128TA3821</a>
	A	82,7	14	16	17,5				140	V	<a href="#">128TA3832</a>
	A	84	12,4	12	12,5				150	V	<a href="#">128TA3818</a>
	A	85,3	14,2	14,2	14,2	78,5	82	36	224		<a href="#">135TA1881</a>
	A	87,5	9,8	10	10				142	V	<a href="#">135TA1794</a>
	B		51		16,2	32,5	69,4	12	172	V	<a href="#">128TA3864</a>
24	A	82	14	14	14				159,6	V	<a href="#">128TA3682</a>
	A	101	14,5	14	14				198	V	<a href="#">136TA3864</a>



# ALTERNATORS

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ALTERNATORS

used for: **JLG**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	82,5	14	15	14				150	V	<a href="#">128TA3725</a>	
	A	82,5	14	16	17	34	73	13	140	V	<a href="#">136TA3859</a>	
	B		24,2		16	30	74	13	140	V	<a href="#">136TA3807</a>	
	B		24,2		16	30	74,5	12	137	V	<a href="#">128TA3930</a>	
	B		24,4		15,8	57	63	10	138	V	<a href="#">136TA3803</a>	
	B		56		10				144	V	<a href="#">124TA6627</a>	
	B		56		10	45			143,5	V	<a href="#">136TA3843</a>	
	B		56		56				155	V	<a href="#">135TA1836</a>	



REF [128TA3725](#)



REF [136TA3859](#)



REF [136TA3807](#)



REF [128TA3930](#)



REF [136TA3803](#)



REF [124TA6627](#)



REF [136TA3843](#)



REF [135TA1836](#)





# ALTERNATORS

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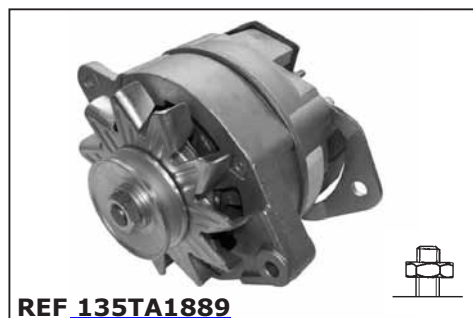


ALTERNATORS

used for: **JUNGHEINRICH-STEINBOCK**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	65,5	27	4	11	38	85,5	10	162	V	<a href="#">135TA1889</a>
	A	80	13	13	13	38	68	14	175	V	<a href="#">105TA5595</a>
	A	80	13	13	13	38,5	69	10	156	V	<a href="#">128TA3759</a>
	A	80	13	13	13	39,3	78,6	14	157	V	<a href="#">128TA3637</a>
	A	80,5	13	13	13	37	73,5	13	155		<a href="#">128TA3582</a>
	A	80,5	13,5	13,5	13	40	73	13,5	155	V	<a href="#">133TA4124</a>
	A	80,5	14,5	13,5	14,5	37	72	12	157	V	<a href="#">111TA1125</a>
	A	81	10	15	10,5	33	85,5	12,5	147,5	V	<a href="#">136TA3856</a>
	A	81	13	13	13	38,5	78,5	14,5	175	V	<a href="#">136TA3813</a>



# ALTERNATORS

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used for: **JUNGHEINRICH-STEINBOCK**

ALTERNATORS

**type A**  
3-bolt fixing

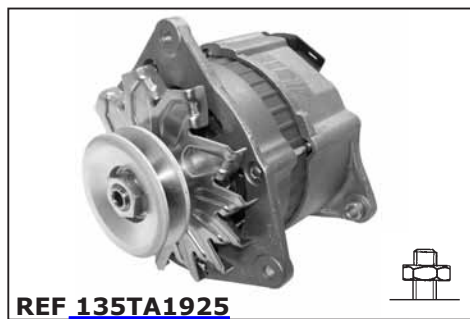


**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	81	13	13	13	43,8	93,5	19,5	155	V	<a href="#">107TA9448</a>
	A	81	14	20	18				140	V	<a href="#">135TA1821</a>
	A	81	14,5	13	14,5	41,5	93,5	18	155	V	<a href="#">128TA3658</a>
	A	81	25	12	22	27	72,5	14	174	V	<a href="#">116TA7319</a>
	A	81,5	12,5	12,5	12,5	38	74	12	150	V	<a href="#">116TA7345</a>
	A	81,5	13	16	13	38	74	14	158	V	<a href="#">116TA7338</a>
	A	81,5	13,5	13	13	38	74	14	157	V	<a href="#">108TA4269</a>
	A	82	10	20	10	43	74	13	144	V	<a href="#">135TA1925</a>
	A	82	13	13	13	45	93,5	16,5	174	V	<a href="#">135TA1750</a>





# ALTERNATORS

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ALTERNATORS

used for: **JUNGHEINRICH-STEINBOCK**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	83,5	11	11,5	11,5	34,5	63,8	12	148	V	<a href="#">105TA5742</a>
	A	88	10	20	10	37	90	12	144	V	<a href="#">135TA1947</a>
	A	98	13	13	12	64,5			174		<a href="#">103TA3739</a>
	B		21		16	32	62,8	11	138	V	<a href="#">135TA1883</a>
	B		27,5		16	42	76	14	175	V	<a href="#">105TA5591</a>
	B		51		15	34	66	12	170	V	<a href="#">128TA3553</a>
	B		51		15,5				171		<a href="#">128TA3916</a>
	B		51		16,5				167	V	<a href="#">116TA7244</a>
	B		51		16,5	32	69,5	10,5	172	V	<a href="#">124TA6725</a>



# ALTERNATORS

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used for: **JUNGHEINRICH-STEINBOCK**

ALTERNATORS

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

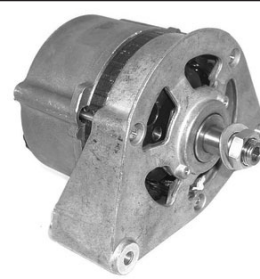
voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		51		51	46	61	22	138	V	<a href="#">135TA1938</a>
	B		56		10				143	V	<a href="#">116TA7282</a>
	B		56		10				144	V	<a href="#">116TA7342</a>
	B		56		16,5				173	V	<a href="#">116TA7301</a>
24	A	64	17	13,3	17	36,5			183	V	<a href="#">135TA1897</a>
	A	96	14	14	14,2	48	85	16	175	V	<a href="#">110TA9056</a>
	B		56		12	27	72,5	11	144	V	<a href="#">105TA5743</a>
	B		77		21				184	V	<a href="#">128TA3704</a>



**REF [135TA1938](#)**



**REF [116TA7282](#)**



**REF [116TA7342](#)**



**REF [116TA7301](#)**



**REF [135TA1897](#)**



**REF [110TA9056](#)**



**REF [105TA5743](#)**



**REF [128TA3704](#)**

# ALTERNATORS

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ALTERNATORS

used for: **KALMAR**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	82	11	20	11	34	63	10	149	V	<a href="#">135TA1922</a>
	A	101	14	20	14				198	V	<a href="#">136TA3845</a>
	A	102	13,5	13,5	14				200		<a href="#">135TA1832</a>
	B		51		16,5				167	V	<a href="#">136TA3829</a>
	B		51		25,5				178	V	<a href="#">124TA6714</a>
	B		71,5		36	52,5	68	19	151	V	<a href="#">105TA5599</a>
24	A		77,6		16				158	V	<a href="#">136TA3819</a>
	A	69,3	26,8	12	11				170	V	<a href="#">117TA8570</a>
	A	82	14	14	14				159,6	V	<a href="#">124TA6657</a>



# ALTERNATORS

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ALTERNATORS

used for: **KALMAR**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
24	A	83,5	14	15	14				150			<a href="#">128TA3861</a>
	A	84	14	20	14,5				149	V		<a href="#">136TA3867</a>
	A	101	14	13,5	14				198	V		<a href="#">136TA3846</a>
	A	102	14	14	14				197	V		<a href="#">136TA3832</a>
	A	103,8	14,5	14	14,5				198	V		<a href="#">128TA3866</a>
	A	106	14	14	14	45	68	30	198	V		<a href="#">135TA1935</a>
	B		50,8		25				188	V		<a href="#">103TA3650</a>
	B		51		14				171	V		<a href="#">105TA5598</a>
	B		51		14,4				171,5	V		<a href="#">117TA8569</a>



**REF 128TA3861**



**REF 136TA3867**



**REF 136TA3846**



**REF 136TA3832**



**REF 128TA3866**



**REF 135TA1935**



**REF 103TA3650**



**REF 105TA5598**



**REF 117TA8569**





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ALTERNATORS

used for: **KALMAR**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
24	B		51		16				164	V	<a href="#">105TA5600</a>
	B		51		25,7				195	V	<a href="#">103TA3657</a>
	B		56		56				156	V	<a href="#">135TA1924</a>
	B		76		21				180	V	<a href="#">136TA3785</a>
28	B		51		21				164	V	<a href="#">105TA5898</a>
	B		56		56				156	V	<a href="#">135TA1834</a>
	B		56		56,1				155	V	<a href="#">128TA3859</a>
	B		56,4		56				155	V	<a href="#">128TA3927</a>



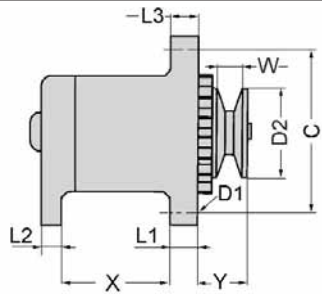
# ALTERNATORS

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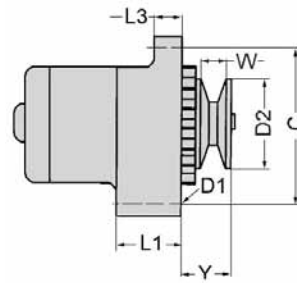
ALTERNATORS

used for: **KOMATSU**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	57	23,5	16,2	23,2	37	68	10,5	100	V	<a href="#">116TA7294</a>
	A	63	16	16	16	36	68	14	166	V	<a href="#">116TA7286</a>
	A	63	17	16	15				166	V	<a href="#">116TA7285</a>
	A	63,5	17	22	15				167		<a href="#">116TA7297</a>
	A	64,5	16,5	16	15		71		166	V	<a href="#">116TA7295</a>
	A	65	17,2	16	15,5	48	87	23	165	V	<a href="#">128TA3934</a>
	A	65,5	27	4	11	38	85,5	10	162	V	<a href="#">135TA1888</a>
	A	67	19,8	15,4	12	32,2	69,6	12,5	154	V	<a href="#">116TA7330</a>
	A	67	20	12	16	41	75	17	156	V	<a href="#">107TA9463</a>



REF [116TA7294](#)



REF [116TA7286](#)



REF [116TA7285](#)



REF [116TA7297](#)



REF [116TA7295](#)



REF [128TA3934](#)



REF [135TA1888](#)



REF [116TA7330](#)



REF [107TA9463](#)





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ALTERNATORS

## used for: KOMATSU



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	67	20	12	16	42	75	17	155	V	<a href="#">107TA9471</a>
	A	67,3	20	12	16,3	32,5	69	12	155,5	V	<a href="#">128TA3669</a>
	A	67,5	20	12,5	16	40	76	16	155	V	<a href="#">107TA9469</a>
	A	68	12	12	12	38,8	69	14,4	150	V	<a href="#">128TA3893</a>
	A	68,5	13	13	13	39	68,5	16	154	V	<a href="#">103TA3801</a>
	A	70	15,5	16	16	56,5	72	12	190	V	<a href="#">103TA3726</a>
	A	70,3	16	16	16	51	72	12	190	V	<a href="#">124TA6685</a>
	A	70,8	17	12	18		72,5	11	164	V	<a href="#">116TA7290</a>
	A	79,8	13	13	13	50	70	13	155	V	<a href="#">105TA5606</a>



# ALTERNATORS

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ALTERNATORS

used for: **KOMATSU**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

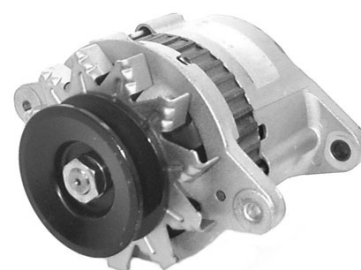
voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	80	13	13	13	37	69	10	155	V		<a href="#">105TA5892</a>
	A	80	13	13	13	38,5	69	10	156	V		<a href="#">128TA3758</a>
	A	80	13	13	13	44	82	17	155	V		<a href="#">105TA5634</a>
	A	80	13	13	13,5	36,5	70	13	155			<a href="#">135TA1713</a>
	A	80	13	14	13	38,5	68,5	15	175	V		<a href="#">105TA5620</a>
	A	80,1	13,1	13,1	13,1	40	73,4	12,5	155			<a href="#">105TA5613</a>
	A	80,5	13	13	13	37	73,5	13	155			<a href="#">105TA5617</a>
	A	80,5	13	13	13	37,5	65	10	175	V		<a href="#">116TA7398</a>
	A	80,5	13	13	13	40	72	14	156	V		<a href="#">128TA3901</a>



REF [105TA5892](#)



REF [128TA3758](#)



REF [105TA5634](#)



REF [135TA1713](#)



REF [105TA5620](#)



REF [105TA5613](#)



REF [105TA5617](#)



REF [116TA7398](#)



REF [128TA3901](#)



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ALTERNATORS

used for: **KOMATSU**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	80,5	13	13	13	40	73,5	14	174	V	<a href="#">136TA3787</a>
	A	80,5	13,5	13	13,5	53,5	69	28	155		<a href="#">105TA5631</a>
	A	80,5	13,5	13,5	13	40	73	13,5	155	V	<a href="#">107TA9477</a>
	A	80,5	14,5	13,5	14,5	37	72	12	157	V	<a href="#">105TA5619</a>
	A	80,7	13	13	13	39	71,7	10	174,5		<a href="#">135TA1942</a>
	A	81	12	12	12	45	82	17	170	V	<a href="#">128TA3559</a>
	A	81	12	12,5	12,5	39	71,5	14	180	V	<a href="#">107TA9489</a>
	A	81	25	12	22	27	72,5	14	174	V	<a href="#">107TA9436</a>
	A	81,5	12,5	12,5	12,5	38	74	12	150	V	<a href="#">107TA9473</a>



# ALTERNATORS

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ALTERNATORS

used for: **KOMATSU**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	81,5	13	16	13	38	74	14	158	V	<a href="#">107TA9491</a>
	A	81,5	13,5	13	13	38	74	14	157	V	<a href="#">124TA6671</a>
	A	82	12,5	12,5	13	40	69	10	155	V	<a href="#">128TA3476</a>
	A	82	13	13	13	23	74	13	175		<a href="#">136TA3842</a>
	A	82,5	13	13	13	42	72	12,5	155	V	<a href="#">105TA5614</a>
	A	82,5	14	15	14				150	V	<a href="#">116TA7403</a>
	A	82,7	13	13	13	42,5	82	17	158	V	<a href="#">109TA5982</a>
	A	82,8	11,3	12,3	11,3	32	64	12	150	V	<a href="#">107TA9464</a>
	A	83	11	12	11				150	V	<a href="#">128TA3877</a>



REF [107TA9491](#)



REF [124TA6671](#)



REF [128TA3476](#)



REF [136TA3842](#)



REF [105TA5614](#)



REF [116TA7403](#)



REF [109TA5982](#)



REF [107TA9464](#)



REF [128TA3877](#)





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ALTERNATORS

used for: **KOMATSU**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	83	11	12,5	11	38	74	12	148	V	<a href="#">107TA9460</a>
	A	83	11	14	11				150	V	<a href="#">116TA7328</a>
	A	83	11,3	12	11	38,5	83,5	15	150	V	<a href="#">128TA3875</a>
	A	83	11,3	12	11,3	32,5	81,5		149	V	<a href="#">124TA6679</a>
	A	83,3	11,2	11,5	11,3	32,5	63,8	12	148,5	V	<a href="#">108TA4280</a>
	A	83,5	11,5	12	11,2	33,4	74	12	150	V	<a href="#">124TA6712</a>
	A	98	10,5	10	10,8	42			157	V	<a href="#">124TA6683</a>
	A	98	13	10	12	38			150		<a href="#">105TA5616</a>
	A	98	13	10	13,5	41	82	12	158	V	<a href="#">136TA3865</a>



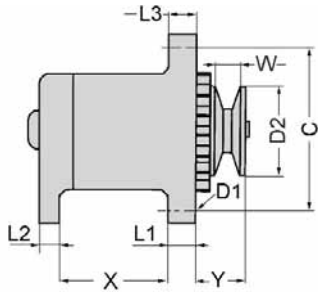
# ALTERNATORS

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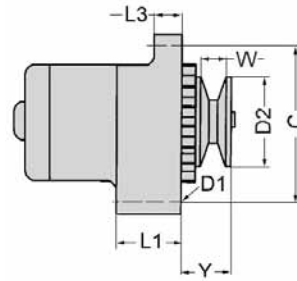
ALTERNATORS

used for: **KOMATSU**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	98	13	13	13	48	74	25	174	V	<a href="#">116TA7314</a>
	A	98,5	13	10	13,5	36,5	69,5	10,5	155	V	<a href="#">124TA6723</a>
	B		16,6		14,2	51,5	65	14	132		<a href="#">108TA4286</a>
	B		21		16	32	69,3	12,5	154	V	<a href="#">136TA3850</a>
	B		21		16	35	74	10	138	V	<a href="#">105TA5636</a>
	B		21,3		15,5	35	74,5	14	138	V	<a href="#">124TA6739</a>
	B		21,5		16	32	76	14	140	V	<a href="#">135TA1729</a>
	B		24		16,5	30,5	74	14	138	V	<a href="#">103TA3630</a>
	B		24		16,5	31	74	12	140	V	<a href="#">124TA6596</a>



REF [116TA7314](#)



REF [124TA6723](#)



REF [108TA4286](#)



REF [136TA3850](#)



REF [105TA5636](#)



REF [124TA6739](#)



REF [135TA1729](#)



REF [103TA3630](#)



REF [124TA6596](#)





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ALTERNATORS

## used for: KOMATSU



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		32,2		32	33	66	14	115	V	<a href="#">116TA7332</a>
	B		51		12	41	69	17,5	155		<a href="#">105TA5622</a>
	B		51		16,5				167	V	<a href="#">116TA7243</a>
	B		51		16,5	33	69	11	165	V	<a href="#">128TA3826</a>
	B		56		10				143	V	<a href="#">107TA9466</a>
	B		56		10				144	V	<a href="#">109TA5984</a>
	B		56		16,5				173	V	<a href="#">128TA3568</a>
	B		58		16	54	76	15	152	V	<a href="#">136TA3860</a>
24	A	68	16	20	16	68	95	35	190	V	<a href="#">135TA1905</a>



# ALTERNATORS

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ALTERNATORS

used for: **KOMATSU**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
24	A	70	16	16	16	76,5	82	35,5	196	V	<a href="#">105TA5612</a>
	A	70	16	16,5	16	96	82	57,5	225	V	<a href="#">107TA9486</a>
	A	70	16,3	16,3	15,7	78	92	35	213	V	<a href="#">136TA3852</a>
	A	70,5	12	14	16	92,5	95,5	46	170	V	<a href="#">105TA5623</a>
	A	70,5	15,5	16,3	16,5	78,5	95	35,5	190		<a href="#">105TA5605</a>
	A	70,5	15,7	16,1	15,8	78,8	95	36	190	V	<a href="#">128TA3862</a>
	A	70,5	16	15,8	16,1	78	95	35	188,5	V	<a href="#">128TA3876</a>
	A	70,5	16	16	16	61,5	95	17	190	V	<a href="#">103TA3730</a>
	A	70,5	16	16	16	75	80	35,5	196		<a href="#">105TA5888</a>



# ALTERNATORS

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ALTERNATORS

## used for: KOMATSU



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
24	A	70,5	16	16	16	76	82	35,5	190	V	<a href="#">105TA5639</a>
	A	70,5	16	16	16	76	82,2	36	190	V	<a href="#">124TA6631</a>
	A	70,5	16	16	16	76	92	36	212	V	<a href="#">107TA9484</a>
	A	70,5	16	16	16	88,6	95,3	46,5	190	V	<a href="#">105TA5607</a>
	A	70,5	16	16	16	92,5	82	36	191		<a href="#">105TA5608</a>
	A	70,5	16	16,5	15	60,5	94,5	16	190	V	<a href="#">105TA5603</a>
	A	70,5	16,5	16	16,5	59	95	17	190	V	<a href="#">105TA5624</a>
	A	71	12	14	16	63,5	95	17	170	V	<a href="#">105TA5604</a>
	A	72	12	12	16	83	95,5	35	170	V	<a href="#">103TA3662</a>



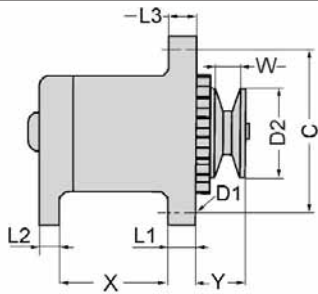
# ALTERNATORS

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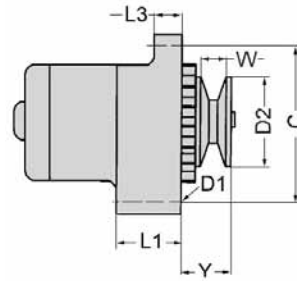
ALTERNATORS

used for: **KOMATSU**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
24	A	80	13,5	13	13	42,5	82	16	156	V		<a href="#">107TA9500</a>
	A	80	14,5	13	14,5	38	72	12	155	V		<a href="#">128TA3926</a>
	A	80,5	14,8	13	14,6	37,5	72	12	155	V		<a href="#">107TA9433</a>
	A	81	14,5	13	14,5	38	72	12	155	V		<a href="#">116TA7378</a>
	A	82	13	13	13	46,5	77	16	155	V		<a href="#">116TA7276</a>
	A	82	14	14	14				159,6	V		<a href="#">124TA6656</a>
	A	82,2	13	13	13	43	72	10,5	158,5	V		<a href="#">107TA9498</a>
	A	82,6	16,2	16	18,5	60,2	119,6	20	235	V		<a href="#">105TA5627</a>
	A	90,3	15,8	16	18,4	80	95	35	234	V		<a href="#">105TA5629</a>



REF [107TA9500](#)



REF [128TA3926](#)



REF [107TA9433](#)



REF [116TA7378](#)



REF [116TA7276](#)



REF [124TA6656](#)



REF [107TA9498](#)



REF [105TA5627](#)



REF [105TA5629](#)





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ALTERNATORS

used for: **KOMATSU**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
24	A	90,3	24	16	24	121	120	45,2	233		<a href="#">105TA5628</a>
	A	90,5	16	16	18,5	80	95	35	235	V	<a href="#">105TA5630</a>
	A	90,5	16,5	16	18,5	61	95	18,5	235		<a href="#">128TA3906</a>
	A	98,3	12,8	13	12,8	44	85,5	16	175	V	<a href="#">116TA7393</a>
	A	102	14	14	14				198	V	<a href="#">135TA1933</a>
	A	102,6	16	16	16	61,6			200	V	<a href="#">105TA5625</a>
	A	103	16	15	16	74	95	46	200	V	<a href="#">124TA6633</a>
	B		56		12	27	72,5	11	144	V	<a href="#">107TA9435</a>
	B		58		22	63	83	31,5	160	V	<a href="#">116TA7353</a>







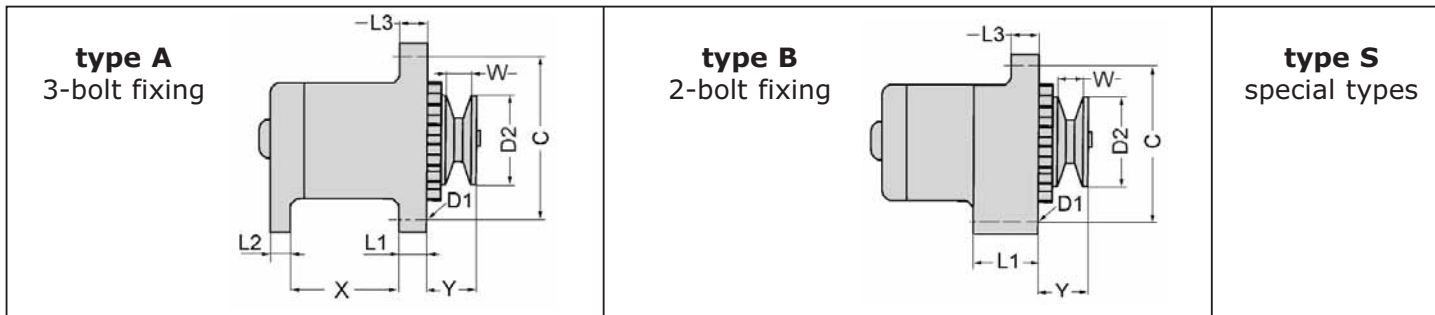
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used for: **KOOI AAP**

ALTERNATORS



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	B		24,4		15,8	57	63	10	138	V	<a href="#">124TA6651</a>	



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ALTERNATORS

used for: **LINDE-LANSING**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	57	23,5	16,2	23,2	37	68	10,5	100	V	<a href="#">128TA3561</a>
	A	60,5	17	21,5	17				166		<a href="#">128TA3545</a>
	A	63	16	16	16	36	68	14	166	V	<a href="#">128TA3541</a>
	A	63	17	16	15				166	V	<a href="#">128TA3538</a>
	A	63,5	17	22	15				167		<a href="#">128TA3566</a>
	A	64,5	16,5	16	15		71		166	V	<a href="#">128TA3562</a>
	A	65	17	16	15	50	93	10,5	165	V	<a href="#">128TA3600</a>
	A	65	17,2	16	15,5	48	87	23	165	V	<a href="#">128TA3936</a>
	A	66	27	4	11	29	67	12	162	V	<a href="#">128TA3788</a>



**REF 128TA3561**



**REF 128TA3545**



**REF 128TA3541**



**REF 128TA3538**



**REF 128TA3566**



**REF 128TA3562**



**REF 128TA3600**



**REF 128TA3936**



**REF 128TA3788**



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ALTERNATORS

## used for: LINDE-LANSING



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	67	19,8	15,4	12	32,2	69,6	12,5	154	V	<a href="#">124TA6639</a>	
	A	69	27	21,5	11	41	60	22,5	170	V	<a href="#">124TA6667</a>	
	A	70,8	17	12	18		72,5	11	164	V	<a href="#">128TA3555</a>	
	A	71,3	27,1	20	11	37,5	56	17	171	V	<a href="#">128TA3726</a>	
	A	80	13	13	13	37	69	10	155	V	<a href="#">124TA6629</a>	
	A	80,5	13	13	13	37,5	65	10	175	V	<a href="#">124TA6676</a>	
	A	80,5	14,5	13,5	14,5	37	72	12	157	V	<a href="#">124TA6590</a>	
	A	81	14	20	18				140	V	<a href="#">128TA3767</a>	
	A	81,5	12,5	12,5	12,5	38	74	12	150	V	<a href="#">105TA5642</a>	



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ALTERNATORS

used for: **LINDE-LANSING**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	81,5	13,5	13	13	38	74	14	157	V	<a href="#">128TA3716</a>	
	A	82	12,5	12,5	13	40	69	10	155	V	<a href="#">124TA6579</a>	
	A	82,5	14	15	14				150	V	<a href="#">116TA7404</a>	
	A	82,5	14,5	15	14,5				150	V	<a href="#">128TA3872</a>	
	A	82,7	14	16	17				140	V	<a href="#">128TA3820</a>	
	A	82,8	11,3	12,3	11,3	32	64	12	150	V	<a href="#">136TA3805</a>	
	A	83	11	12	11				150	V	<a href="#">128TA3878</a>	
	A	83	11	12,5	11	38	74	12	148	V	<a href="#">116TA7288</a>	
	A	84,5	10,5	10,5	10,5				148	V	<a href="#">124TA6700</a>	



**REF [128TA3716](#)**



**REF [124TA6579](#)**



**REF [116TA7404](#)**



**REF [128TA3872](#)**



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**REF [128TA3878](#)**



**REF [116TA7288](#)**



**REF [124TA6700](#)**

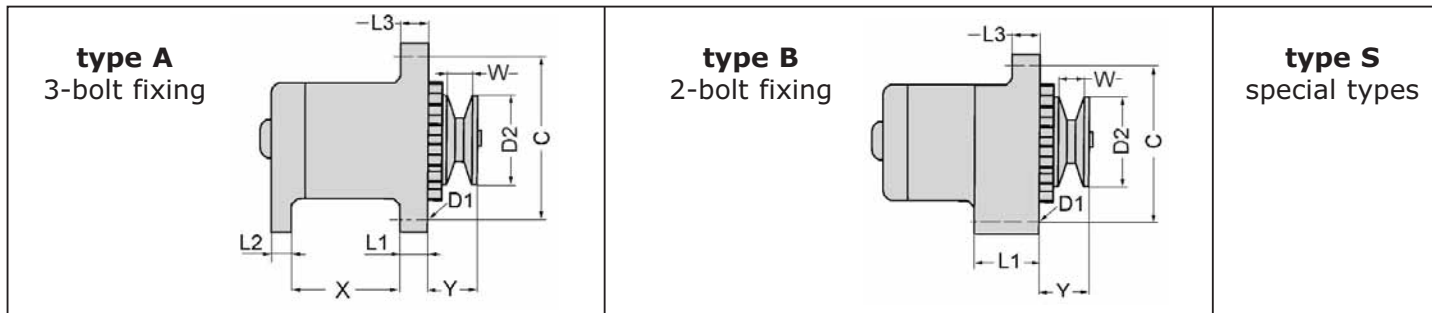
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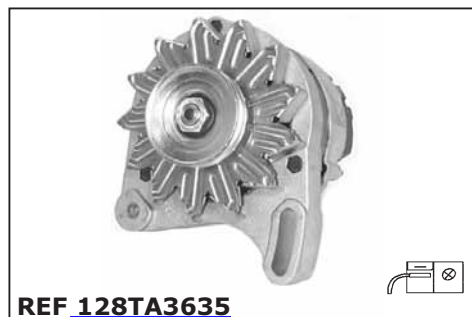


ALTERNATORS

## used for: LINDE-LANSING



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	88,5	9,2	10	9				143	V	<a href="#">107TA9430</a>
	B		27		11		76,5		161	V	<a href="#">107TA9457</a>
	B		27		11	33,5	63	19	160	V	<a href="#">135TA1904</a>
	B		32,2		32	33	66	14	115	V	<a href="#">128TA3635</a>
	B		51		16,5				167	V	<a href="#">105TA5646</a>
	B		51		16,5	33	69	11	165	V	<a href="#">128TA3828</a>
	B		51		17,5	34	65	12	168		<a href="#">124TA6592</a>
	B		55,5		13	55	67	11	175	V	<a href="#">128TA3707</a>
	B		56		10				144	V	<a href="#">128TA3602</a>





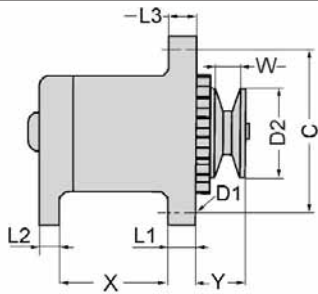
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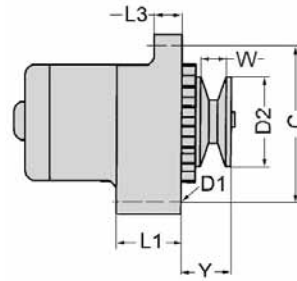
ALTERNATORS

used for: **LINDE-LANSING**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		56		10	28	72,5	11	144	V	<a href="#">105TA5648</a>
	B		56		10	33	73	10,5	138	V	<a href="#">128TA3691</a>
	B		56		10	45			143,5	V	<a href="#">135TA1902</a>
	B		56		10	64	73,5	17	142	V	<a href="#">128TA3841</a>
	B		56		10,3	27,5	72	11,5	144	V	<a href="#">107TA9551</a>
	B		56		14	53,5	66,5	12,5	173	V	<a href="#">128TA3618</a>
	B		56		19,3	66,5	73	11,5	155	V	<a href="#">135TA1864</a>
	B		56		56				155	V	<a href="#">135TA1835</a>
	B		56		56				155	V	<a href="#">135TA1954</a>



**REF [105TA5648](#)**



**REF [128TA3691](#)**



**REF [135TA1902](#)**



**REF [128TA3841](#)**



**REF [107TA9551](#)**



**REF [128TA3618](#)**



**REF [135TA1864](#)**



**REF [135TA1835](#)**



**REF [135TA1954](#)**





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ALTERNATORS

## used for: LINDE-LANSING



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		56,2		20	61	67,5	11	155	V	<a href="#">116TA7402</a>
	B	68	27	9,5	11	38,5	60	20	169	V	<a href="#">107TA9549</a>
24	A	82	14	14	14				159,6	V	<a href="#">108TA8557</a>
	A	83,5	14,5	15	14				148	V	<a href="#">135TA1870</a>
	A	100,5	14,7	13	14,3				210	V	<a href="#">128TA3928</a>
	A	101	14	13,5	14				198	V	<a href="#">128TA3807</a>
	A	102	14	14	14				197	V	<a href="#">128TA3917</a>
	A	103,8	14,5	14	14,5				198	V	<a href="#">136TA3825</a>
	A	180	16	20	16				208	V	<a href="#">136TA3824</a>



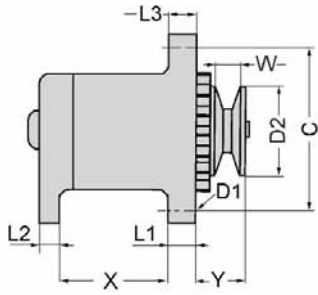
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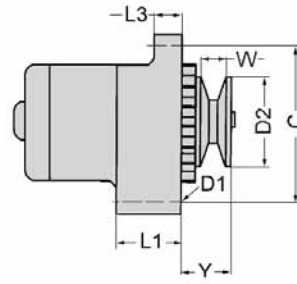
ALTERNATORS

used for: **LINDE-LANSING**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
24	B		50,8		25				188	V	<a href="#">108TA4271</a>
	B		56		56				156	V	<a href="#">124TA6637</a>
	B		58		22	63	83	31,5	160	V	<a href="#">124TA6665</a>
	B		76		21				175	V	<a href="#">124TA6612</a>
	B		76		21				181	V	<a href="#">124TA6653</a>
28	B		50,7		21				171	V	<a href="#">136TA3839</a>



REF [108TA4271](#)



REF [124TA6637](#)



REF [124TA6665](#)



REF [124TA6612](#)



REF [124TA6653](#)



REF [136TA3839](#)



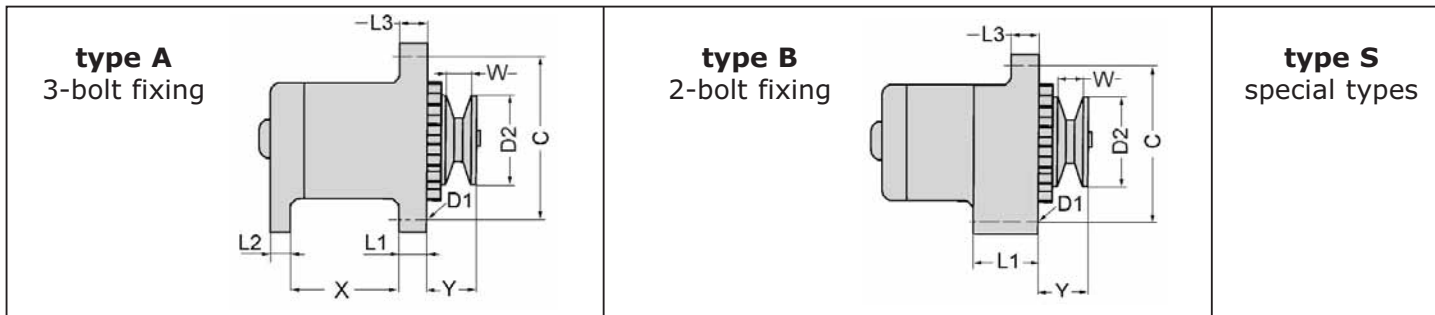
# ALTERNATORS



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used for: **LUGLI**

ALTERNATORS



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	81	14	20	18				140	V	<a href="#">128TA3770</a>	
	A	81	25	12	22	27	72,5	14	174	V	<a href="#">128TA3589</a>	
	A	81,5	12,5	12,5	12,5	38	74	12	150	V	<a href="#">107TA9474</a>	
	A	83	11	12,5	11	38	74	12	148	V	<a href="#">105TA5654</a>	



# ALTERNATORS

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ALTERNATORS

used for: **MANITOU**

**type A**  
3-bolt fixing

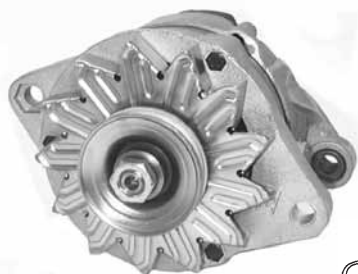


**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	65	17	16	15	50	93	10,5	165	V	<a href="#">128TA3599</a>
	A	67	12,5	12,5	12	41,5	74	14	168		<a href="#">128TA3611</a>
	A	67	20	12	16	41	75	17	156	V	<a href="#">136TA3784</a>
	A	67,3	20	12	16,3	32,5	69	12	155,5	V	<a href="#">128TA3671</a>
	A	67,5	20	12,5	16	40	76	16	155	V	<a href="#">128TA3516</a>
	A	75,2	12	12	12,4	39	67,5	11,4	171		<a href="#">128TA3584</a>
	A	81	14	20	18				140	V	<a href="#">128TA3766</a>
	A	81	25	12	22	27	72,5	14	174	V	<a href="#">128TA3587</a>
	A	81,5	10,4	10	10				143	V	<a href="#">107TA9490</a>



REF [128TA3599](#)



REF [128TA3611](#)



REF [136TA3784](#)



REF [128TA3671](#)



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REF [128TA3584](#)



REF [128TA3766](#)



REF [128TA3587](#)



REF [107TA9490](#)



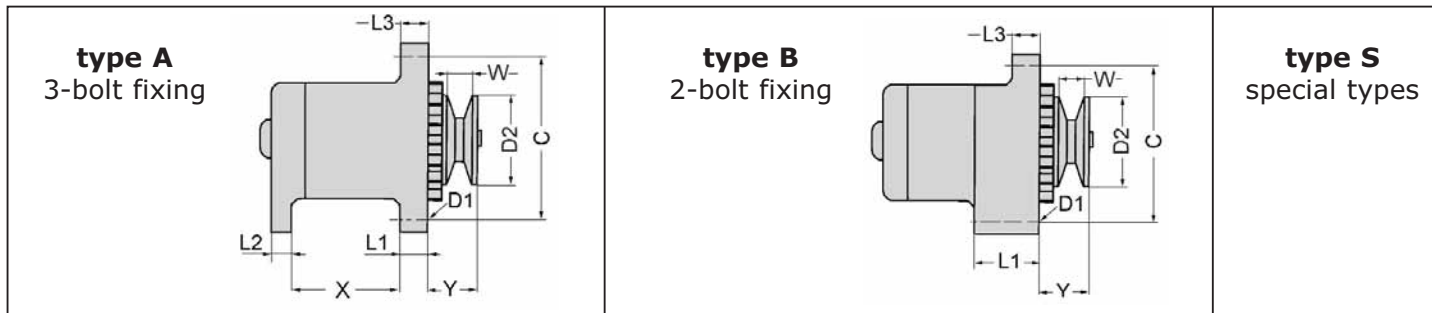
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ALTERNATORS

used for: **MANITOU**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	81,5	11	12	11	32	67	10,5	148	V		<a href="#">107TA9447</a>
	A	81,5	12,5	12,5	12,5	38	74	12	150	V		<a href="#">105TA5657</a>
	A	81,5	13,5	13	13	38	74	14	157	V		<a href="#">124TA6672</a>
	A	82,5	14	15	14				150	V		<a href="#">128TA3723</a>
	A	82,5	14,3	15,8	17,7	33,8	73	13	140			<a href="#">135TA1852</a>
	A	82,5	14,5	15	14,5				150	V		<a href="#">135TA1844</a>
	A	82,5	18	15	16				141	V		<a href="#">136TA3848</a>
	A	82,7	14	16	17				140	V		<a href="#">128TA3819</a>
	A	82,8	11,3	12,3	11,3	32	64	12	150	V		<a href="#">128TA3734</a>





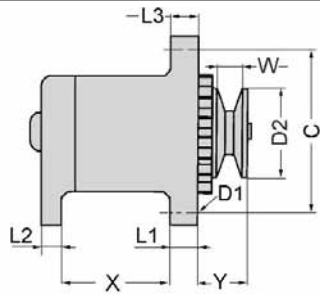
# ALTERNATORS

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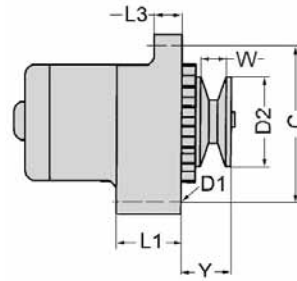
ALTERNATORS

used for: **MANITOU**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	83	11	12,5	11	38	74	12	148	V		<a href="#">105TA5658</a>
	A	83,3	11,2	11,5	11,3	32,5	63,8	12	148,5	V		<a href="#">128TA3665</a>
	A	83,5	11	11,5	11,5	34,5	63,8	12	148	V		<a href="#">105TA5655</a>
	A	84	12	12	12	41	67	16	148	V		<a href="#">135TA1932</a>
	A	84,6	10,6	10,8	10,6	35,5	85,5	13	149	V		<a href="#">135TA1887</a>
	B		21		16	39	49	17	155	V		<a href="#">135TA1825</a>
	B		21,5		16	32	76	14	140	V		<a href="#">128TA3524</a>
	B		50,8		16,2				172	V		<a href="#">135TA1827</a>
	B		51		16				165	V		<a href="#">128TA3463</a>



**REF 105TA5658**



**REF 128TA3665**



**REF 105TA5655**



**REF 135TA1932**



**REF 135TA1887**



**REF 135TA1825**



**REF 128TA3524**



**REF 135TA1827**



**REF 128TA3463**







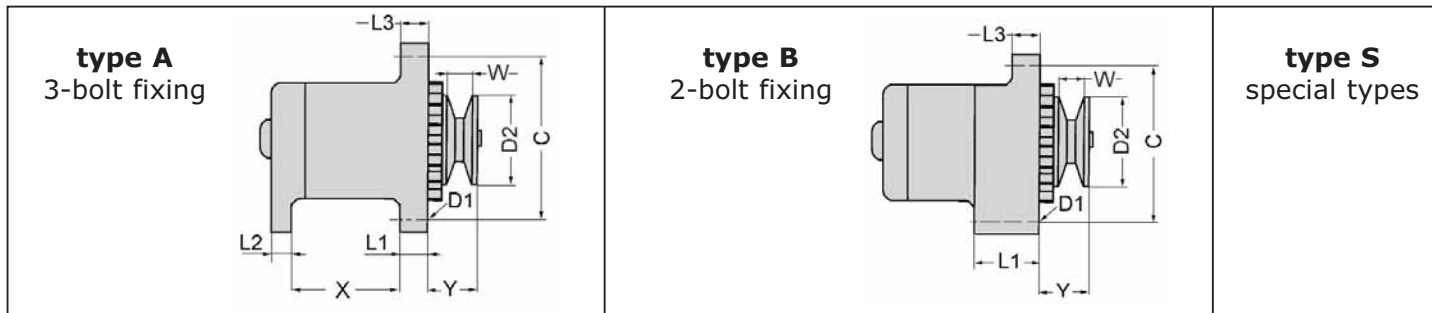
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used for: **MITSUBISHI-CATERPILLAR**

ALTERNATORS



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	23	13	16	13	39	69	11	155	V	<a href="#">135TA1893</a>
	A	40,3	17	10,5	13	35	68,5	14	148	V	<a href="#">124TA6736</a>
	A	40,5	17	12,5	13	33	68	12	145	V	<a href="#">128TA3912</a>
	A	40,6	17	13,3	13	40			150	V	<a href="#">128TA3728</a>
	A	41	16,5	13	13	33,5	68	14	145	V	<a href="#">105TA5516</a>
	A	47	13	13	13	39	68,5	11	153		<a href="#">107TA9456</a>
	A	47	13	13,4	13	39	68	14,5	155	V	<a href="#">105TA5709</a>
	A	47	24	20	12,4	40			155		<a href="#">128TA3750</a>
	A	47,2	12,8	13	13	39,5	68	15	155	V	<a href="#">124TA6696</a>



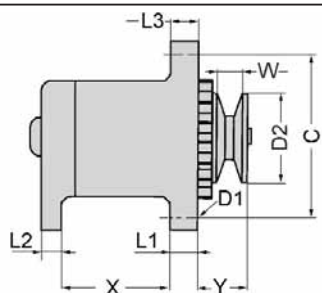
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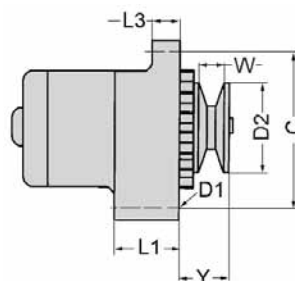
used for: **MITSUBISHI-CATERPILLAR**

ALTERNATORS

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	48	13	13	13	37	67,5	12	177	V	<a href="#">105TA5524</a>
	A	48	13	13	13	39	68,5	14	153	V	<a href="#">105TA5512</a>
	A	48	13	13	13	40	59	14	153	V	<a href="#">124TA6625</a>
	A	48,2	12,8	12,8	12,8	36,5	68	10	154	V	<a href="#">105TA5517</a>
	A	53	14	13	13				174		<a href="#">105TA5691</a>
	A	53,5	14	12,5	12,5	38	74	12	174		<a href="#">128TA3556</a>
	A	53,5	14	13	13	38	74	14	175	V	<a href="#">105TA5526</a>
	A	54,5	13	14,5	13	43	93	17	180	V	<a href="#">107TA9437</a>
	A	55	13	13	13	39	64	16	174	V	<a href="#">105TA5698</a>



REF [105TA5524](#)



REF [105TA5512](#)



REF [124TA6625](#)



REF [105TA5517](#)



REF [105TA5691](#)



REF [128TA3556](#)



REF [105TA5526](#)



REF [107TA9437](#)



REF [105TA5698](#)



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used for: **MITSUBISHI-CATERPILLAR**

ALTERNATORS



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	55,2	13	13	13	35	72	12	174	V	<a href="#">135TA1892</a>
	A	64,5	16,5	12	16,5	47,5	67	23	155	V	<a href="#">135TA1838</a>
	A	65,5	13	12	12,5	36	62	12	150		<a href="#">128TA3938</a>
	A	66,5	12	12	12	39	68,5	14	142	V	<a href="#">128TA3513</a>
	A	66,5	20	12	16	34	69,5	10	155	V	<a href="#">103TA3763</a>
	A	66,5	20,5	12	16	32,5	62,5	14	157	V	<a href="#">124TA6648</a>
	A	66,6	13,2	12,7	13,2	43	82	16,5	175	V	<a href="#">135TA1797</a>
	A	72	13	13	13	44	89	12	167	V	<a href="#">124TA6735</a>
	A	75,5	12	12	12	42	72	14	180		<a href="#">105TA5696</a>



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used for: **MITSUBISHI-CATERPILLAR**

ALTERNATORS

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	78	12,8	13	13	39	68	12	175	V	<a href="#">105TA5522</a>
	A	79	13,4	15,3	24	58	62	21,5	165	V	<a href="#">107TA9475</a>
	A	80	13	13	12	39,5	69	10	175	V	<a href="#">135TA1891</a>
	A	80	13	13	13	37	69	10	155	V	<a href="#">105TA5893</a>
	A	80	13	13	13	38	68	14	175	V	<a href="#">135TA1749</a>
	A	80	13	13	13	38,5	69	10	156	V	<a href="#">136TA3809</a>
	A	80	13	13	13	39	72	12	155	V	<a href="#">105TA5672</a>
	A	80	13	13	13	39,3	78,6	14	157	V	<a href="#">136TA3798</a>
	A	80	13	13	13	40	72,5	13	155	V	<a href="#">128TA3613</a>



REF [105TA5522](#)



REF [107TA9475](#)



REF [135TA1891](#)



REF [105TA5893](#)



REF [135TA1749](#)



REF [136TA3809](#)



REF [105TA5672](#)



REF [136TA3798](#)



REF [128TA3613](#)



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used for: **MITSUBISHI-CATERPILLAR**

ALTERNATORS



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	80	13	13	13	45,5	83,5	20	155	V	<a href="#">105TA5666</a>
	A	80	13	13	13,5	36,5	70	13	155		<a href="#">135TA1712</a>
	A	80	13	13	14	40	84	14	175	V	<a href="#">116TA7336</a>
	A	80	13,5	13	13	37	68	14	175	V	<a href="#">105TA5887</a>
	A	80	13,5	15	13	42	70,4		155	V	<a href="#">128TA3898</a>
	A	80,3	13	12,2	13	38,3	74	13	174	V	<a href="#">105TA5523</a>
	A	80,4	13	13	13	54	70	28,5	175	V	<a href="#">124TA6661</a>
	A	80,5	13	13	13	37	73,5	13	155		<a href="#">128TA3581</a>
	A	80,5	13	13	13	38			170	V	<a href="#">116TA7359</a>



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used for: **MITSUBISHI-CATERPILLAR**

ALTERNATORS

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	80,5	13	13	13	40	73,5	14	174	V	<a href="#">124TA6621</a>
	A	80,5	13,5	13,5	13	40	73	13,5	155	V	<a href="#">136TA3773</a>
	A	80,5	14,5	13,5	14,5	37	72	12	157	V	<a href="#">124TA6588</a>
	A	81	13	13	13	37	68	12	175	V	<a href="#">135TA1880</a>
	A	81	13	13	13	38	74	12	175,5		<a href="#">135TA1899</a>
	A	81	13	13	13	38,5	78,5	14,5	175	V	<a href="#">136TA3812</a>
	A	81	13	13	13	43,8	93,5	19,5	155	V	<a href="#">105TA5685</a>
	A	81	14,5	13	14,5	41,5	93,5	18	155	V	<a href="#">135TA1778</a>
	A	81	25	12	22	27	72,5	14	174	V	<a href="#">136TA3790</a>



REF [124TA6621](#)



REF [136TA3773](#)



REF [124TA6588](#)



REF [135TA1880](#)



REF [135TA1899](#)



REF [136TA3812](#)



REF [105TA5685](#)



REF [135TA1778](#)



REF [136TA3790](#)





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## used for: MITSUBISHI-CATERPILLAR

ALTERNATORS



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	81,5	12,5	12,5	12,5	38	74	12	150	V	<a href="#">136TA3817</a>
	A	81,5	13	16	13	37	68,5	10	156	V	<a href="#">136TA3870</a>
	A	81,5	13	16	13	38	74	14	158	V	<a href="#">124TA6645</a>
	A	81,5	13,5	13	13	38	74	14	157	V	<a href="#">124TA6673</a>
	A	82	10	20	10	43	74	13	144	V	<a href="#">136TA3847</a>
	A	82	12,5	12,5	13	40	69	10	155	V	<a href="#">128TA3474</a>
	A	82	13	13	13	45	93,5	16,5	174	V	<a href="#">107TA9444</a>
	A	82	13	13	13	56	84	33	175	V	<a href="#">135TA1710</a>
	A	82,5	13	13	13	39,5	83,5	17,5	175	V	<a href="#">116TA7386</a>





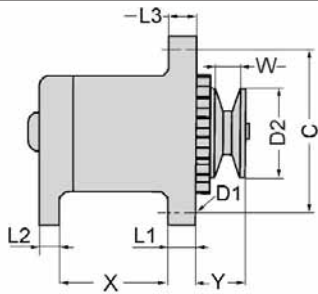
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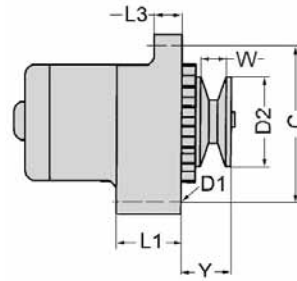
used for: **MITSUBISHI-CATERPILLAR**

ALTERNATORS

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	82,5	25	12,5	22,5	35,5	74	24	163	V	<a href="#">105TA5693</a>	
	A	82,7	14	16	17,5				140	V	<a href="#">136TA3821</a>	
	A	83	11	14	11				150	V	<a href="#">128TA3624</a>	
	A	85	10,5	10	10,5	37	63,8	12	152	V	<a href="#">103TA3698</a>	
	A	88	9	10,5	9,5				142	V	<a href="#">105TA5511</a>	
	A	98	13	13	12	64,5			174		<a href="#">105TA5682</a>	
	A	98,5	13	10	13,5	36,5	69,5	10,5	155	V	<a href="#">135TA1823</a>	
	A	100	12,5	14	14				218	V	<a href="#">105TA5520</a>	
	A	101,8	14,5	20	14,5				196	V	<a href="#">128TA3910</a>	



**REF [105TA5693](#)**



**REF [136TA3821](#)**



**REF [128TA3624](#)**



**REF [103TA3698](#)**



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**REF [105TA5520](#)**



**REF [128TA3910](#)**



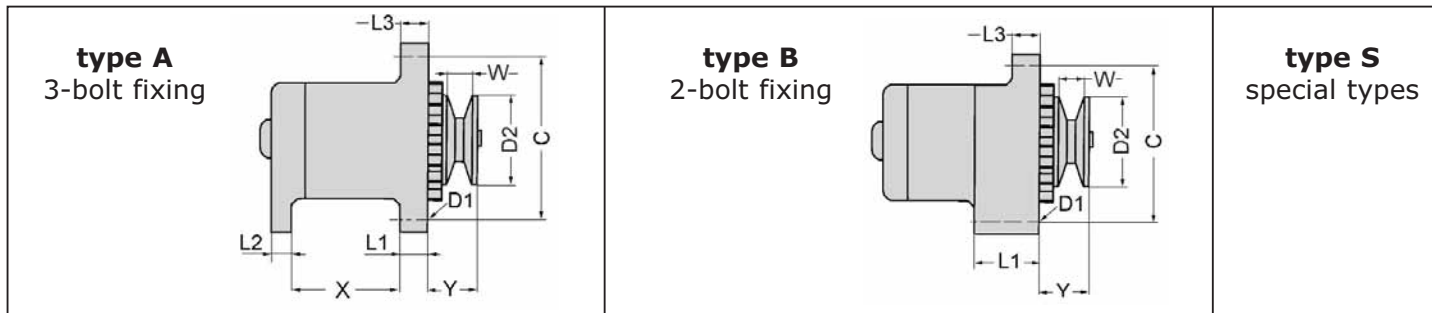
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used for: **MITSUBISHI-CATERPILLAR**

ALTERNATORS



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	102	13,5	13,5	14				200		<a href="#">124TA6743</a>
	B		21		16	31	68	12	155	V	<a href="#">128TA3941</a>
	B		21		16	39	49	17	155	V	<a href="#">135TA1826</a>
	B		21,5		16	32	76	14	140	V	<a href="#">128TA3525</a>
	B		29		17	45	74	12	155	V	<a href="#">135TA1856</a>
	B		50,8		16	46,5	72	26,5	165	V	<a href="#">124TA6670</a>
	B		50,8		16,2	33	66	10	167	V	<a href="#">128TA3812</a>
	B		50,8		16,5	34	73	12	166	V	<a href="#">110TA9058</a>
	B		51		11,5				164	V	<a href="#">105TA5508</a>



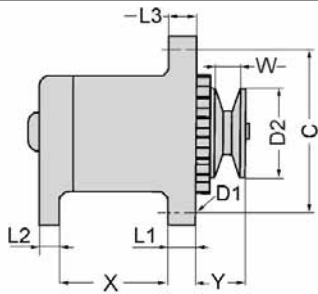
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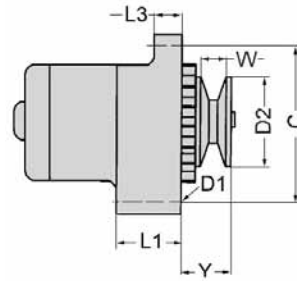
used for: **MITSUBISHI-CATERPILLAR**

ALTERNATORS

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		51		11,5				165	V	<a href="#">128TA3543</a>
	B		51		12	41	69	17,5	155		<a href="#">105TA5677</a>
	B		51		15				155	V	<a href="#">128TA3506</a>
	B		51		16				165	V	<a href="#">135TA1693</a>
	B		51		16				170	V	<a href="#">136TA3868</a>
	B		51		16,2				171	V	<a href="#">103TA3690</a>
	B		51		16,5				167	V	<a href="#">116TA7242</a>
	B		51		16,5	32	69,5	10,5	172	V	<a href="#">136TA3811</a>
	B		51		16,5	34	57,5	10	168	V	<a href="#">105TA5507</a>



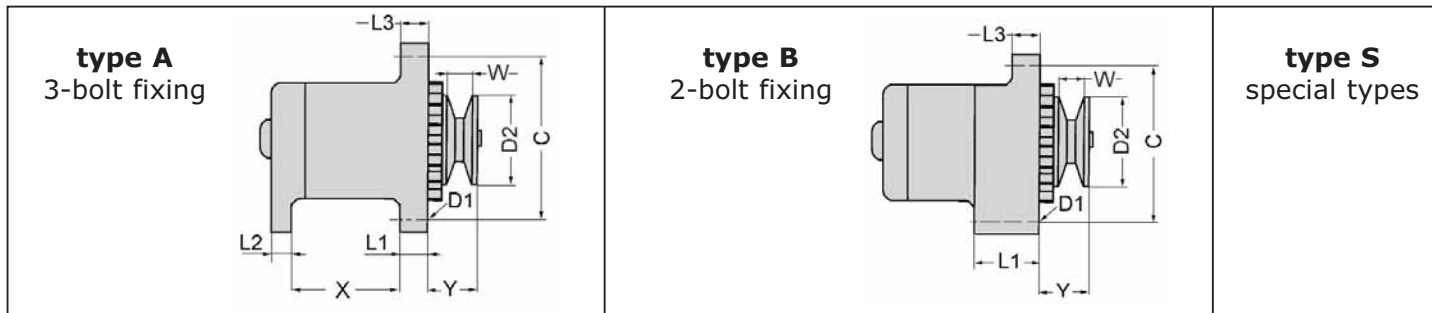
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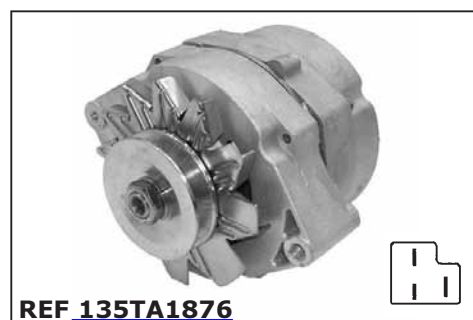


ALTERNATORS

used for: **MITSUBISHI-CATERPILLAR**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		51		17,5	34	65	12	168		<a href="#">105TA5506</a>
	B		51		17,5	37,5	83	14	167	V	<a href="#">135TA1876</a>
	B		51		51	46	61	22	138	V	<a href="#">136TA3861</a>
	B		58		16	45	63	10	165	V	<a href="#">135TA1951</a>
	B		76,5		16	45	76	12	151	V	<a href="#">105TA5700</a>
24	A	70	13	24	16	76	82	35	225	V	<a href="#">135TA1908</a>
	A	80	13	13	13	45,5	83,5	19,5	155		<a href="#">128TA3509</a>
	A	80	13	13	14	43	83,5	19	175	V	<a href="#">124TA6721</a>
	A	80	13	13	14	46			174	V	<a href="#">128TA3836</a>





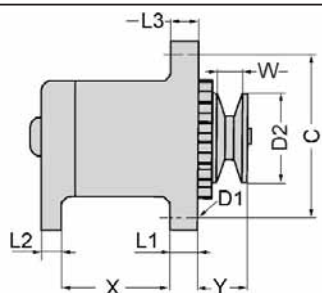
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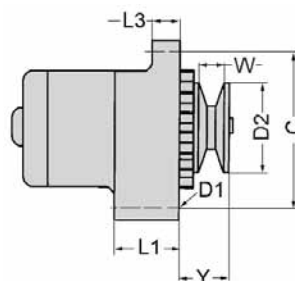
used for: **MITSUBISHI-CATERPILLAR**

ALTERNATORS

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
24	A	80	13	13	14	67,5			191	V	<a href="#">105TA5513</a>
	A	80	13	18	14	55	82	16	190	V	<a href="#">135TA1907</a>
	A	80	13	18	14	74	102	48	190	V	<a href="#">135TA1895</a>
	A	80	14	13	14	44	83,5	16	175	V	<a href="#">124TA6632</a>
	A	80	14	14	14	60	82	33,5	175	V	<a href="#">128TA3627</a>
	A	80	14	14	14	61	82	36	190	V	<a href="#">135TA1950</a>
	A	80,1	13	16	14	61,5	82	36	190	V	<a href="#">116TA7380</a>
	A	80,5	13	13	12	62	83	15	174		<a href="#">107TA9546</a>
	A	80,5	13	16	14	63	82	36	190	V	<a href="#">116TA7390</a>





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used for: **MITSUBISHI-CATERPILLAR**

ALTERNATORS



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
24	A	80,5	14,2	13,9	14,2	72	102	49	176	V	<a href="#">136TA3801</a>
	A	80,6	13	15,6	14	64	82	37	188	V	<a href="#">116TA7367</a>
	A	80,7	13,2	16	14	62	82	39	190	V	<a href="#">124TA6690</a>
	A	81	13	13	14,5	44,5	84	18,5	175	V	<a href="#">105TA5514</a>
	A	81	14,5	13	14,5	44	84	18,5	155	V	<a href="#">128TA3456</a>
	A	81,5	13,5	13	14,2	44	70	16,5	189	V	<a href="#">106TA5144</a>
	A	82	14	14	14				159,6	V	<a href="#">124TA6658</a>
	A	90	16	16	18,5	60	95	17	235	V	<a href="#">105TA5515</a>
	A	98	13	13	12,5	57	90	17,5	175	V	<a href="#">136TA3820</a>



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used for: **MITSUBISHI-CATERPILLAR**

ALTERNATORS

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
24	A	98	14	15,5	14	62	85	36	172	V	<a href="#">128TA3874</a>	
	A	98,3	12,8	13	12,8	44	85,5	16	175	V	<a href="#">116TA7394</a>	
	A	98,3	13	12,5	12,6	47	83	16,5	175	V	<a href="#">116TA7392</a>	
	A	98,5	14	15,4	14	61	85	36,5	177	V	<a href="#">107TA9424</a>	
	A	101	14	14	14				197	V	<a href="#">124TA6616</a>	
	A	101,2	13,8	14	13,6	59	72	28,5	198,3	V	<a href="#">107TA9423</a>	
	A	101,4	14	14	14				197		<a href="#">135TA1944</a>	
	A	101,5	13,5	13,5	13,5				196	V	<a href="#">136TA3863</a>	
	A	101,5	14,5	13,5	14				199	V	<a href="#">124TA6614</a>	



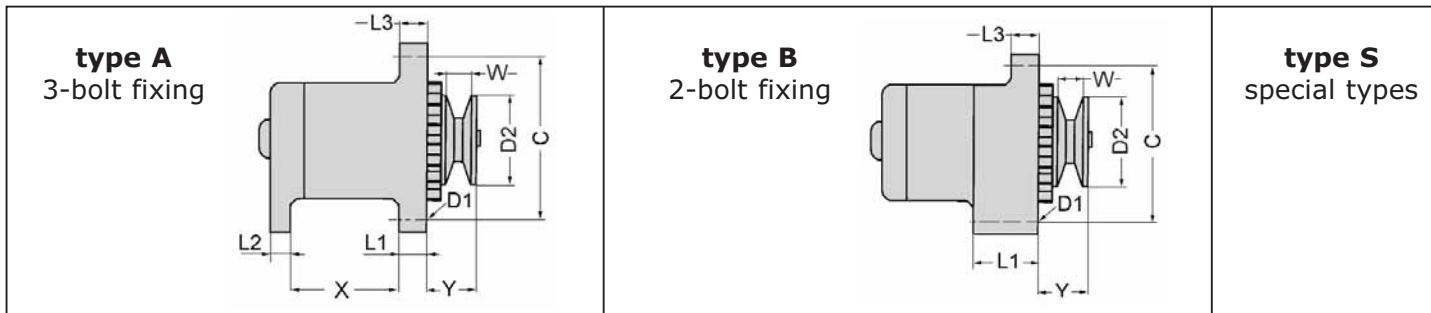
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used for: **MITSUBISHI-CATERPILLAR**

ALTERNATORS



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
24	A	102	14	14	14				198		<a href="#">105TA5519</a>
	A	102	15	16	15				196	V	<a href="#">105TA5518</a>
	B		27		11				175	V	<a href="#">103TA3817</a>



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ALTERNATORS

used for: **MOFFETT**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	40,5	17	12,5	13	33	68	12	145	V	<a href="#">135TA1746</a>
	A	65,5	13	12	12,5	36	62	12	150		<a href="#">135TA1862</a>
	A	67,3	12	11,6	12	39	72	14	156		<a href="#">135TA1803</a>
	A	83	11	12	11				149	V	<a href="#">135TA1923</a>
	B		21		16	35	69	12,5	152	V	<a href="#">136TA3837</a>
	B		21		16	35	69	13	154	V	<a href="#">135TA1916</a>
	B		23,5		16	32	69	13	138	V	<a href="#">135TA2470</a>
	B		24,4		15,8	57	63	10	138	V	<a href="#">135TA1783</a>
	B		56,2		20	61	67,5	11	155	V	<a href="#">135TA1861</a>



REF [135TA1746](#)



REF [135TA1862](#)



REF [135TA1803](#)



REF [135TA1923](#)



REF [136TA3837](#)



REF [135TA1916](#)



REF [135TA2470](#)



REF [135TA1783](#)



REF [135TA1861](#)





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ALTERNATORS

used for: **NISSAN**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	65	13,5	15,5	13	44,5	73	12	175			<a href="#">124TA6660</a>
	A	68,5	13	13	13	39	68,5	16	154	V		<a href="#">124TA6635</a>
	A	70	25	11,5	25	36	54	22,5	163	V		<a href="#">135TA1866</a>
	A	78	12,8	13	13	39	68	12	175	V		<a href="#">124TA6583</a>
	A	78,5	13	16,5	13	39	84	13	175	V		<a href="#">135TA1911</a>
	A	79,8	13	13	13	50	70	13	155	V		<a href="#">105TA5720</a>
	A	80	13	12,7	13,2	39	63	10,5	157			<a href="#">135TA1867</a>
	A	80	13	12,8	13,5	40	70	27,5	155	V		<a href="#">124TA6698</a>
	A	80	13	13	13		74	13	155			<a href="#">136TA3858</a>





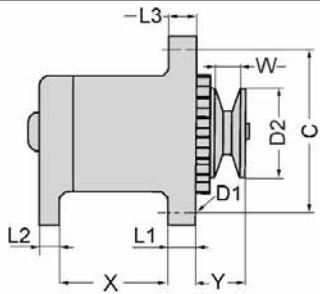
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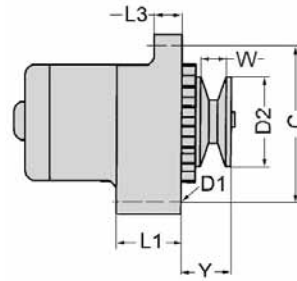
ALTERNATORS

used for: **NISSAN**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	80	13	13	13	37	69	10	155	V	<a href="#">105TA5891</a>
	A	80	13	13	13	38	74	14	170	V	<a href="#">105TA5733</a>
	A	80	13	13	13	38,5	69	10	156	V	<a href="#">124TA6709</a>
	A	80	13	13	13	39	72	12	155	V	<a href="#">105TA5726</a>
	A	80	13	13	13	42	70	13	155	V	<a href="#">128TA3814</a>
	A	80	13	13	13	45			155	V	<a href="#">103TA3787</a>
	A	80	13	13	13,5	36,5	70	13	155		<a href="#">136TA3776</a>
	A	80	13	14	13	38,5	68,5	15	175	V	<a href="#">105TA5730</a>
	A	80	13	14	22	46,5	64	24	169	V	<a href="#">135TA1865</a>



REF [105TA5891](#)



REF [105TA5733](#)



REF [124TA6709](#)



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REF [128TA3814](#)



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REF [136TA3776](#)



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REF [135TA1865](#)



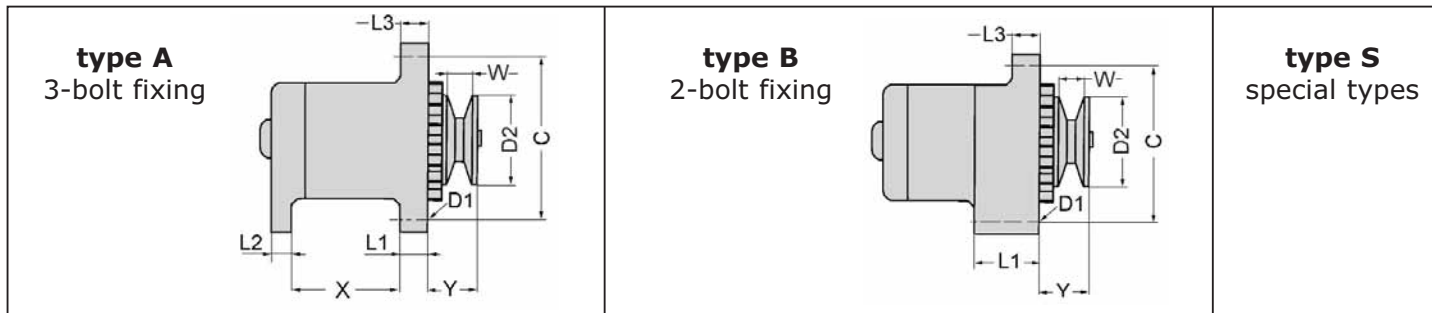
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ALTERNATORS

## used for: NISSAN



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	80	13,5	13	13	35,5	84	12	172	V	<a href="#">103TA3605</a>
	A	80,4	13	13	13	54	70	28,5	175	V	<a href="#">110TA9052</a>
	A	80,5	13	13	13	37	73,5	13	155		<a href="#">105TA5725</a>
	A	80,5	13	13	13	40	73,5	14	174	V	<a href="#">105TA5723</a>
	A	80,5	13	13	13	55,5	84	32	175	V	<a href="#">128TA3911</a>
	A	80,5	13	13	13	56	84	31	172	V	<a href="#">103TA3655</a>
	A	80,5	13	13	13,5	57	84,5	33	175,5	V	<a href="#">107TA9509</a>
	A	80,5	13	13,5	13,5	39	74	14	174	V	<a href="#">105TA5731</a>
	A	80,5	13,5	13	13,5	53,5	69	28	155		<a href="#">103TA3703</a>



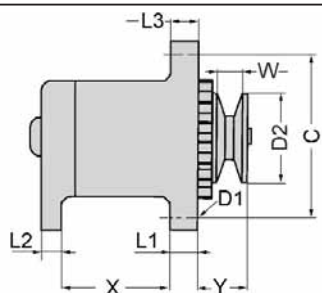
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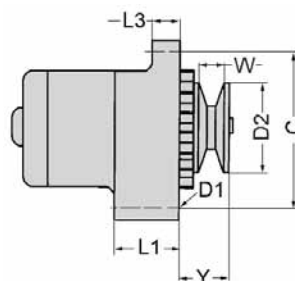
ALTERNATORS

used for: **NISSAN**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	80,5	14,5	13,5	14,5	37	72	12	157	V	<a href="#">105TA5722</a>
	A	80,7	13	13	13	39	71,7	10	174,5		<a href="#">135TA1941</a>
	A	80,8	13	13	13	57	84	31,5	175	V	<a href="#">116TA7348</a>
	A	81	12	12,5	12,5	39	71,5	14	180	V	<a href="#">105TA5721</a>
	A	81	13	13	13	37	68	12	175	V	<a href="#">135TA1879</a>
	A	81	13	13	13	38,5	78,5	14,5	175	V	<a href="#">124TA6732</a>
	A	81	13	13	13	57	85	30	175	V	<a href="#">135TA1931</a>
	A	81	15	13,5	14	36,5	72	12	155	V	<a href="#">103TA3812</a>
	A	81,5	13	13	13	40	69		174	V	<a href="#">105TA5895</a>



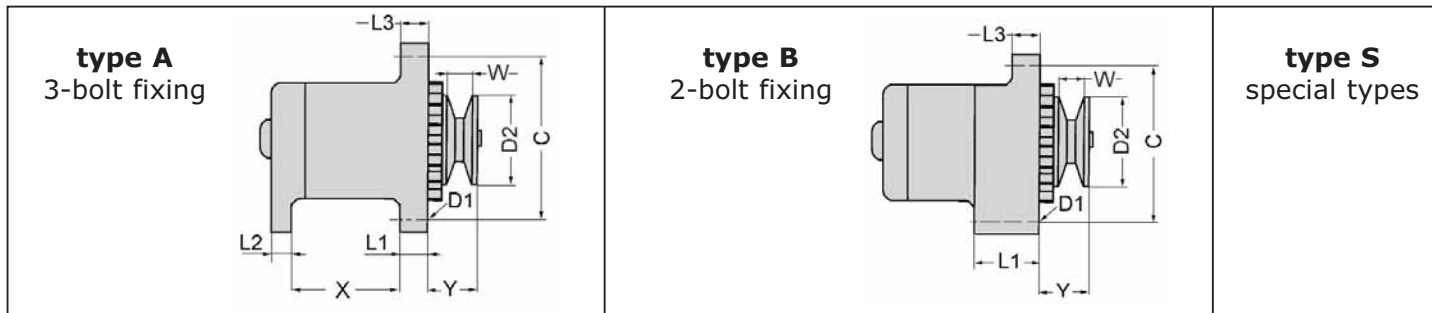
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ALTERNATORS

## used for: NISSAN



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	81,5	13	13	13	66			177	V	<a href="#">116TA7382</a>
	A	81,5	13	16	13	38	74	14	158	V	<a href="#">128TA3650</a>
	A	82	12,5	12,5	13	40	69	10	155	V	<a href="#">116TA7260</a>
	A	82	13	13	13	56	84	33	175	V	<a href="#">105TA5729</a>
	A	98	12,5	12	12	37,5	80,5	14	155		<a href="#">103TA3745</a>
	A	98	13	13	13	48	74	25	174	V	<a href="#">105TA5718</a>
	A	98,3	13	13	13	39	74	14	173	V	<a href="#">128TA3840</a>
	A	98,5	13	10	13,5	36,5	69,5	10,5	155	V	<a href="#">103TA3780</a>
	B		21		16	31	68	12	155	V	<a href="#">135TA1863</a>





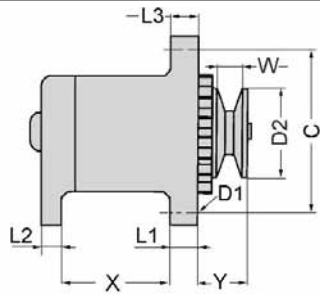
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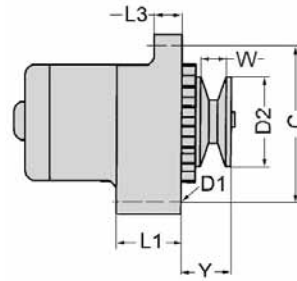
ALTERNATORS

used for: **NISSAN**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		24		16	30,5	70	12	138	V	<a href="#">136TA8346</a>
	B		24		16,5	30,5	74	14	138	V	<a href="#">136TA3780</a>
	B		50,8		16	46,5	72	26,5	165	V	<a href="#">116TA7384</a>
	B		51		12	41	69	17,5	155		<a href="#">105TA5714</a>
	B		51		16				165	V	<a href="#">124TA6574</a>
	B		51		16				170	V	<a href="#">136TA3869</a>
	B		51		16,5				167	V	<a href="#">124TA6571</a>
	B		56		10				143	V	<a href="#">128TA3534</a>
24	A	78,5	13	16,5	13	55	74	32	175	V	<a href="#">136TA3871</a>



REF [136TA8346](#)



REF [136TA3780](#)



REF [116TA7384](#)



REF [105TA5714](#)



REF [124TA6574](#)



REF [136TA3869](#)



REF [124TA6571](#)



REF [128TA3534](#)



REF [136TA3871](#)





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ALTERNATORS

## used for: NISSAN



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
24	A	80	13	12,5	13	55,5	84	31	174	V		<a href="#">103TA3610</a>
	A	80	13	13	13	38	74	14	175	V		<a href="#">124TA6716</a>
	A	80	13	13	13	45,5	83,5	19,5	155			<a href="#">135TA1721</a>
	A	80	13	13	13	54	80,5	29	155			<a href="#">128TA3470</a>
	A	80	13	13	13	56,5	72	30,5	175	V		<a href="#">128TA3873</a>
	A	80	13	13	13	57	72	30,5	174	V		<a href="#">103TA3625</a>
	A	80,3	13	13	13	56	84,5	31	175			<a href="#">116TA7389</a>
	A	80,3	13	13	13	57	84	32	175	V		<a href="#">124TA6711</a>
	A	80,5	13	11,7	13,3	56,4	84	32	175	V		<a href="#">124TA6731</a>



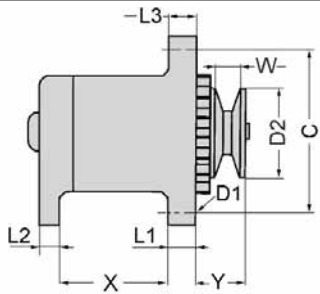
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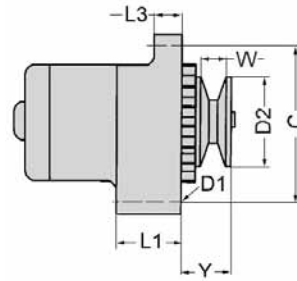
ALTERNATORS

used for: **NISSAN**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
24	A	80,6	13	15,6	14	64	82	37	188	V	<a href="#">135TA1804</a>
	A	81	13	13	14,5	44,5	84	18,5	175	V	<a href="#">124TA6575</a>
	A	81	14	16,5	13,5	56	84	31	175	V	<a href="#">135TA1927</a>
	A	81,5	13,5	13	14,2	44	70	16,5	189	V	<a href="#">116TA7340</a>
	A	82	13	13	13	56	84	32	176	V	<a href="#">128TA3854</a>
	A	86	14	14	14,2	67,5	84	39	222	V	<a href="#">110TA9054</a>
	A	90	16	16	18,5	60	95	17	235	V	<a href="#">116TA7313</a>



REF [135TA1804](#)



REF [124TA6575](#)



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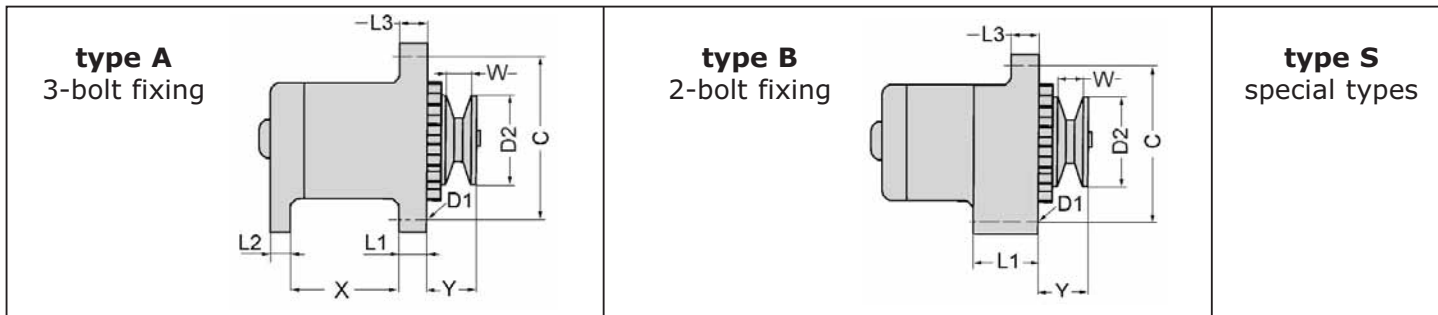
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used for: **O&K**

ALTERNATORS



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	B		56,2		20	61	67,5	11	155	V	<a href="#">128TA3933</a>	
24	B		56		12	27	72,5	11	144	V	<a href="#">128TA3596</a>	



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ALTERNATORS

used for: **OM PIMESPO**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	57	23,5	16,2	23,2	37	68	10,5	100	V	<a href="#">105TA5560</a>
	A	60,5	17	21,5	17				166		<a href="#">105TA5568</a>
	A	63	16	16	16	36	68	14	166	V	<a href="#">128TA3540</a>
	A	63	17	16	15				166	V	<a href="#">105TA5562</a>
	A	63,5	15	16	15				165	V	<a href="#">105TA5564</a>
	A	63,5	17	22	15				167		<a href="#">105TA5558</a>
	A	64	16	16	15,5	37	68	13	162,5	V	<a href="#">103TA3675</a>
	A	64,5	16,5	16	15		71		166	V	<a href="#">105TA5567</a>
	A	65	17	16	15	50	93	10,5	165	V	<a href="#">105TA5569</a>





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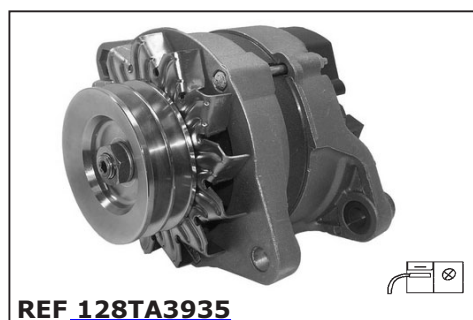


ALTERNATORS

used for: **OM PIMESPO**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	65	17,2	16	15,5	48	87	23	165	V	<a href="#">128TA3935</a>
	A	67	19,8	15,4	12	32,2	69,6	12,5	154	V	<a href="#">128TA3632</a>
	A	68	12	12	12	38,8	69	14,4	150	V	<a href="#">135TA1851</a>
	A	68,5	13	13	13	39	68,5	16	154	V	<a href="#">128TA3617</a>
	A	70,8	17	12	18		72,5	11	164	V	<a href="#">103TA3684</a>
	A	73	17	12	18	35,5	72	12	164	V	<a href="#">105TA5565</a>
	A	75,3	17	12	18	35	68	10	166	V	<a href="#">135TA1946</a>
	A	80	13	13	13	37	69	10	155	V	<a href="#">128TA3607</a>
	A	80	13	13	13	38,5	69	10	156	V	<a href="#">136TA3810</a>





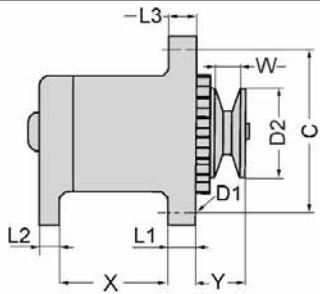
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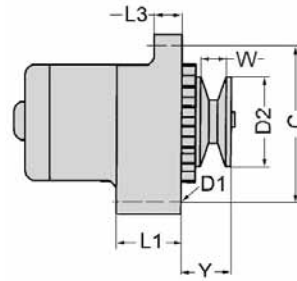
ALTERNATORS

used for: **OM PIMESPO**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	80	13	13	13,5	36,5	70	13	155			<a href="#">136TA3777</a>
	A	80,5	13	13	13	37	73,5	13	155			<a href="#">136TA3789</a>
	A	80,5	14,5	13,5	14,5	37	72	12	157	V		<a href="#">128TA3496</a>
	A	82	12,5	12,5	13	40	69	10	155	V		<a href="#">128TA3478</a>
	B		32,2		32	33	66	14	115	V		<a href="#">105TA5563</a>
	B		51		12	41	69	17,5	155			<a href="#">136TA3778</a>
	B		51		16,5				167	V		<a href="#">105TA5561</a>
	B		51		16,5	33	69	11	165	V		<a href="#">128TA3827</a>
	B		56		10	45			143,5	V		<a href="#">135TA1901</a>



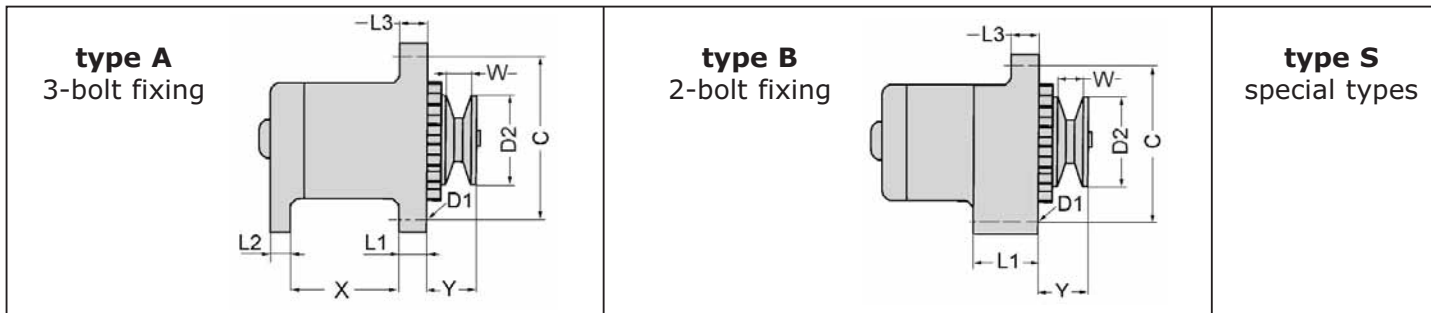
# ALTERNATORS



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used for: **OM PIMESPO**

ALTERNATORS



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
24	A	63	17	21,5	15				166			<a href="#">103TA3771</a>
	A	64	17	13,3	17	36,5			183	V		<a href="#">135TA1896</a>
	A	98,3	12,8	13	12,8	44	85,5	16	175	V		<a href="#">136TA3804</a>





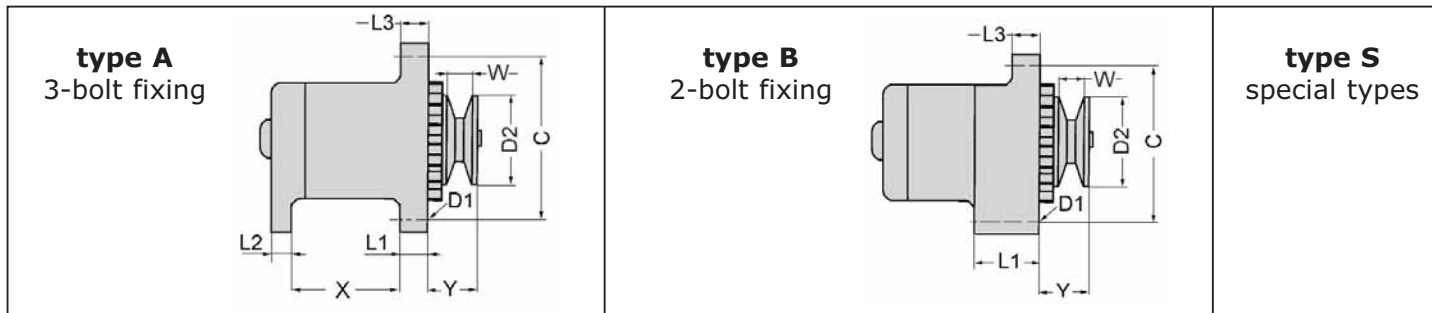
# ALTERNATORS



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used for: **PATRIA**

ALTERNATORS



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	80	13	13	13	44	82	17	155	V		<a href="#">124TA6643</a>
	A	80,5	14,5	13,5	14,5	37	72	12	157	V		<a href="#">124TA6623</a>
	A	82	12,5	12,5	13	40	69	10	155	V		<a href="#">124TA6580</a>









## used for: SALEV



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C		REG	
12	A	98	13	10	13,5	41	82	12	158		V	<a href="#">135TA1717</a>



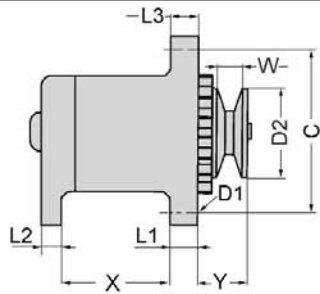
# ALTERNATORS

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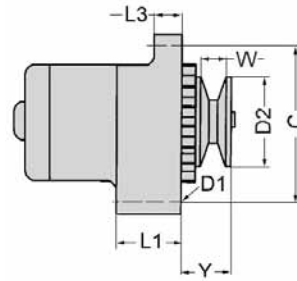
ALTERNATORS

used for: **SAMBRON**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	83,5	12	12	12,4	33	63,8	12	148	V	<a href="#">128TA3795</a>	
	B		16,6		14,2	51,5	65	14	132		<a href="#">124TA6654</a>	
	B		56		10				144	V	<a href="#">124TA6628</a>	
	B		56		16,5				173	V	<a href="#">124TA6615</a>	
	B		56		56				156	V	<a href="#">135TA1875</a>	
24	A	82	14	14	14				159,6	V	<a href="#">124TA6655</a>	



REF [128TA3795](#)



REF [124TA6654](#)



REF [124TA6628](#)



REF [124TA6615](#)



REF [135TA1875](#)



REF [124TA6655](#)



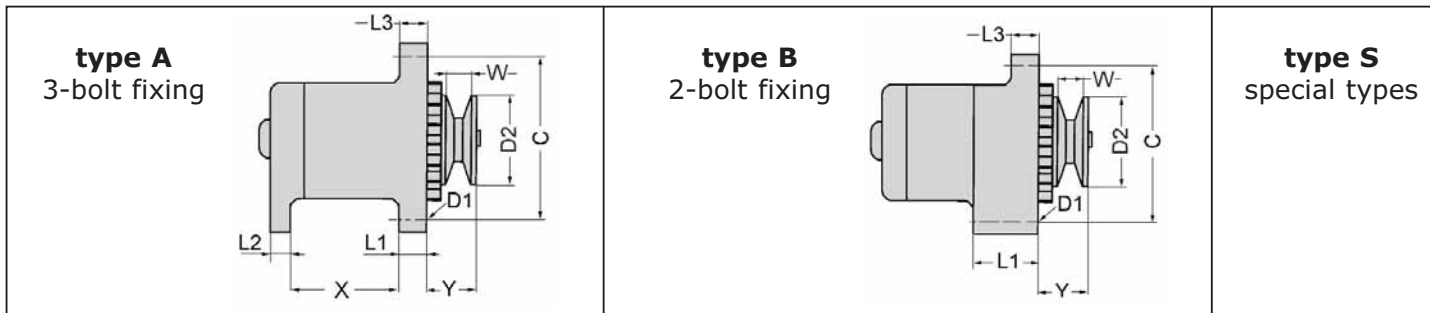
# ALTERNATORS



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used for: **SANDERSON**

ALTERNATORS



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	81,5	12,5	12,5	12,5	38	74	12	150	V	<a href="#">128TA3803</a>	



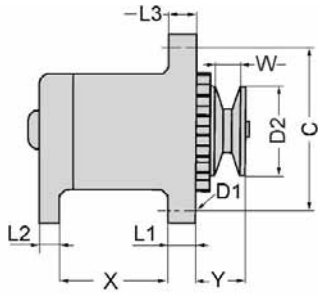
# ALTERNATORS

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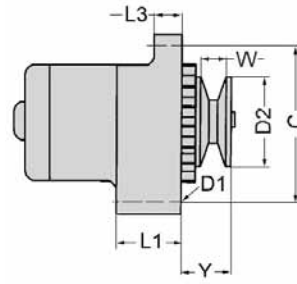
ALTERNATORS

used for: **SMV KONECRANES**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
24	A	106	14	14	14	45	68	30	198	V	<a href="#">135TA1936</a>	
	B		50,8			25			188	V	<a href="#">108TA4273</a>	
28	B		56			56,1			155	V	<a href="#">135TA1840</a>	



REF [135TA1936](#)



REF [108TA4273](#)



REF [135TA1840](#)



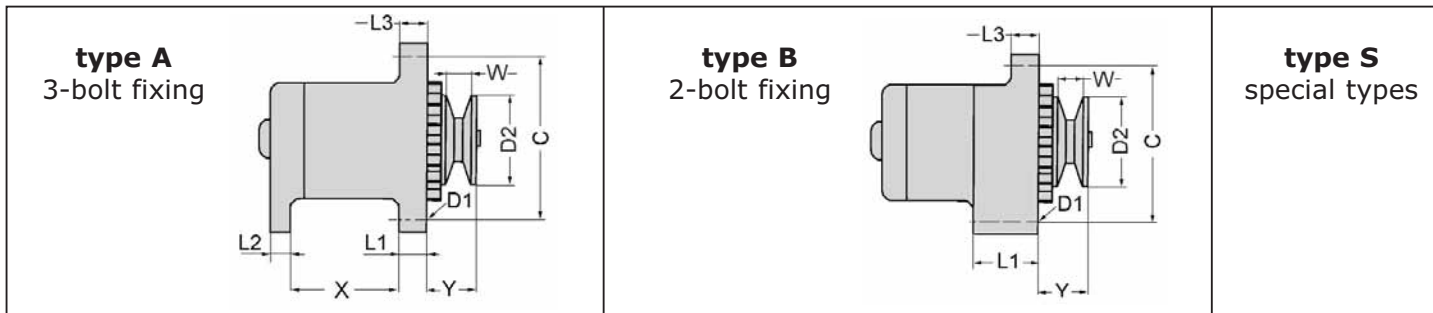
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ALTERNATORS

used for: **STILL**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	64,5	16,5	16	15		71		166	V	<a href="#">124TA6613</a>
	A	66	27	4	11	29	67	12	162	V	<a href="#">124TA6727</a>
	A	71,3	27,1	20	11	37,5	56	17	171	V	<a href="#">124TA6678</a>
	A	81,5	12,5	12,5	12,5	38	74	12	150	V	<a href="#">106TA5140</a>
	A	82	11,5	11,4	11,5				148	V	<a href="#">135TA1884</a>
	B		27		11		76,5		161	V	<a href="#">135TA1745</a>
	B		27		11	33,5	63	19	160	V	<a href="#">135TA1903</a>
	B		51		16,5				167	V	<a href="#">124TA6569</a>
	B		55,5		13	55	67	11	175	V	<a href="#">116TA7374</a>





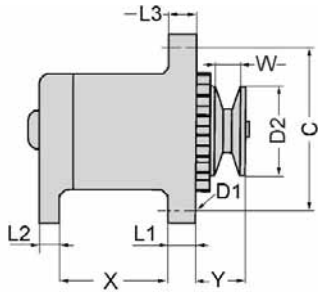
# ALTERNATORS

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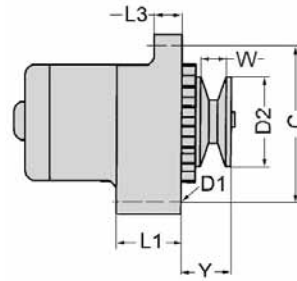
ALTERNATORS

used for: **STILL**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		56		10	28	72,5	11	144	V	<a href="#">105TA5752</a>
	B		56		14	53,5	66,5	12,5	173	V	<a href="#">105TA5749</a>
	B		56		56				156	V	<a href="#">136TA3800</a>
	B		80		15				150	V	<a href="#">136TA3793</a>
24	B		56		10,3	68	61	23	150	V	<a href="#">136TA3851</a>
	B		56		12	27	72,5	11	144	V	<a href="#">136TA3791</a>
	B		56		56				155	V	<a href="#">105TA5748</a>
	B		56		56				156	V	<a href="#">136TA3806</a>
	B		56		56				156	V	<a href="#">136TA3795</a>



REF [105TA5752](#)



REF [105TA5749](#)



REF [136TA3800](#)



REF [136TA3793](#)



REF [136TA3851](#)



REF [136TA3791](#)



REF [105TA5748](#)



REF [136TA3806](#)



REF [136TA3795](#)



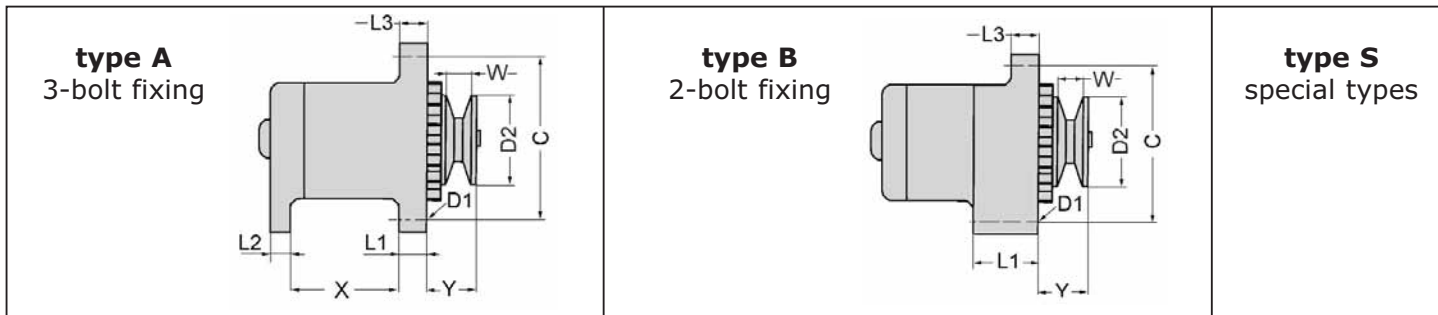
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used for: **STILL**

ALTERNATORS



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
24	B		56		56				156	V	<a href="#">136TA3786</a>
	B		56		56	58	64	23	155	V	<a href="#">136TA3794</a>
28	B		56		10	62	73	16	150	V	<a href="#">136TA3823</a>
	B		56		56				156	V	<a href="#">136TA3808</a>



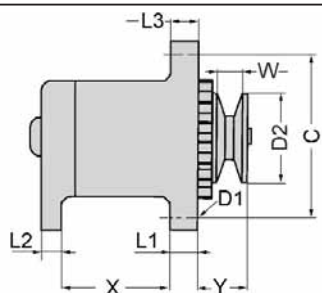
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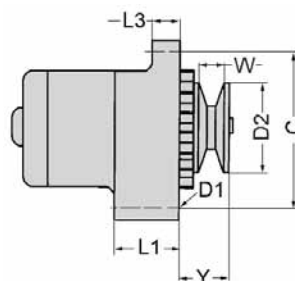
ALTERNATORS

used for: **SVE TRUCK**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
24	A	101	14	13,5	14				198	V	<a href="#">136TA3836</a>	
	A	102	14	14	14				197	V	<a href="#">136TA3833</a>	
	A	103,8	14,5	14	14,5				198	V	<a href="#">135TA1842</a>	
	A	180	16	20	16				208	V	<a href="#">135TA1841</a>	
	B		50,8		16,4	32	72,6	10	170	V	<a href="#">135TA1788</a>	
	B		50,8		25				188	V	<a href="#">135TA1734</a>	
	B		51		14				171	V	<a href="#">135TA1759</a>	
	B		51		16				164	V	<a href="#">105TA5753</a>	
	B		51		25,7				195	V	<a href="#">135TA1736</a>	



REF [136TA3836](#)



REF [136TA3833](#)



REF [135TA1842](#)



REF [135TA1841](#)



REF [135TA1788](#)



REF [135TA1734](#)



REF [135TA1759](#)



REF [105TA5753](#)



REF [135TA1736](#)

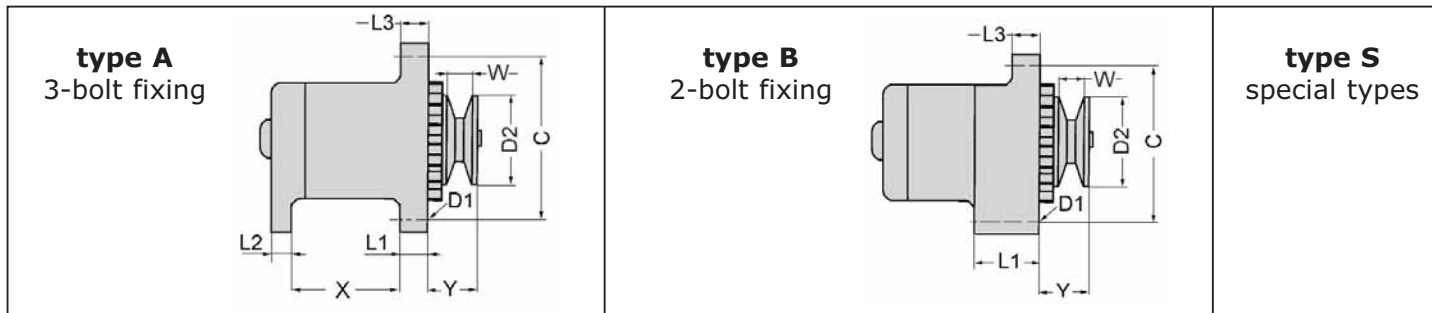
# ALTERNATORS



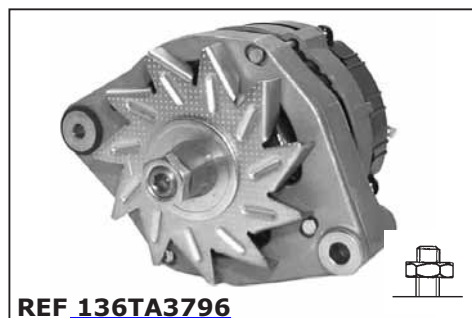
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used for: **SVE TRUCK**

ALTERNATORS



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
28	B		51		21				164	V	<a href="#">136TA3796</a>
	B		56		56,1				155	V	<a href="#">135TA1839</a>
	B		56,4		56				155	V	<a href="#">135TA1859</a>



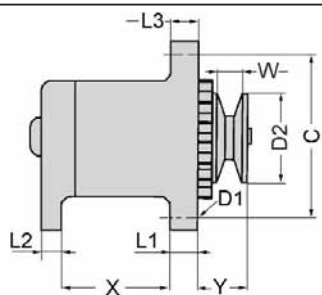
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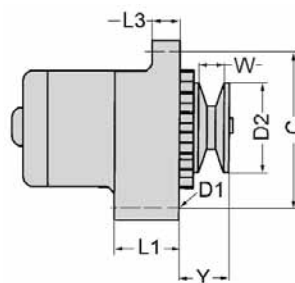
ALTERNATORS

used for: **TAILIFT**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	80	13	13	13	44	82	17	155	V		<a href="#">135TA1777</a>



REF [135TA1777](#)



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ALTERNATORS

used for: **TCM**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	67,3	12	11,6	12	39	72	14	156		<a href="#">135TA1801</a>
	A	68	12	11,6	12	45	69	10	143	V	<a href="#">128TA3700</a>
	A	78	12,8	13	13	39	68	12	175	V	<a href="#">105TA5787</a>
	A	78,5	13	16,5	13	39	84	13	175	V	<a href="#">135TA1912</a>
	A	79,8	13	13	13	50	70	13	155	V	<a href="#">116TA7281</a>
	A	80	13	13	13		74	13	155		<a href="#">136TA3857</a>
	A	80	13	13	13	37	69	10	155	V	<a href="#">103TA3781</a>
	A	80	13	13	13	38,5	69	10	156	V	<a href="#">124TA6710</a>
	A	80	13	13	13	39	72	12	155	V	<a href="#">105TA5786</a>



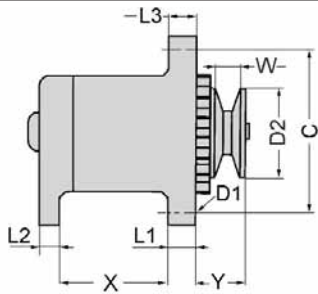
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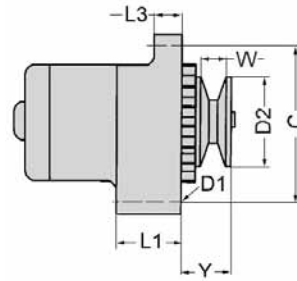
ALTERNATORS

used for: **TCM**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	80	13	13	13	42	70	13	155	V		<a href="#">128TA3815</a>
	A	80	13	13	13	44	82	17	155	V		<a href="#">128TA3644</a>
	A	80	13	13	13	45			155	V		<a href="#">105TA5779</a>
	A	80	13	13	13,5	36,5	70	13	155			<a href="#">135TA1714</a>
	A	80	13	14	13	38,5	68,5	15	175	V		<a href="#">105TA5783</a>
	A	80	13,5	13	13	35,5	84	12	172	V		<a href="#">105TA5776</a>
	A	80,1	13,1	13,1	13,1	40	73,4	12,5	155			<a href="#">105TA5759</a>
	A	80,4	13	13	13	54	70	28,5	175	V		<a href="#">135TA1796</a>
	A	80,5	13	13	13	37	73,5	13	155			<a href="#">108TA8287</a>



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ALTERNATORS

used for: **TCM**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	80,5	13	13	13	40	72	14	156	V	<a href="#">128TA3902</a>
	A	80,5	13	13	13	40	73,5	14	174	V	<a href="#">136TA3788</a>
	A	80,5	13	13	13	40,5	77	13	175	V	<a href="#">124TA6738</a>
	A	80,5	13	13	13,5	57	84,5	33	175,5	V	<a href="#">124TA6649</a>
	A	80,5	13,5	13	13,5	53,5	69	28	155		<a href="#">105TA5778</a>
	A	80,5	14,5	13,5	14,5	37	72	12	157	V	<a href="#">105TA5780</a>
	A	80,7	13	13	13	39	71,7	10	174,5		<a href="#">135TA1943</a>
	A	81	12	12	12	45	82	17	170	V	<a href="#">107TA9452</a>
	A	81	12	12,5	12,5	39	71,5	14	180	V	<a href="#">105TA5774</a>



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ALTERNATORS

used for: **TCM**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	81	13	13	13	57	85	30	175	V		<a href="#">136TA3849</a>
	A	82	12,5	12,5	13	40	69	10	155	V		<a href="#">116TA7261</a>
	A	82,5	13	13	13	42	72	12,5	155	V		<a href="#">107TA9450</a>
	A	82,7	13	13	13	42,5	82	17	158	V		<a href="#">109TA5983</a>
	A	98	10,5	10	10,8	42			157	V		<a href="#">124TA6682</a>
	A	98	13	10	12	38			150			<a href="#">105TA5761</a>
	A	98	13	13	13	48	74	25	174	V		<a href="#">105TA5781</a>
	A	98,5	12	13	12	41	77		155	V		<a href="#">124TA6681</a>
	A	98,5	13	10	13,5	36,5	69,5	10,5	155	V		<a href="#">105TA5757</a>



REF [136TA3849](#)



REF [116TA7261](#)



REF [107TA9450](#)



REF [109TA5983](#)



REF [124TA6682](#)



REF [105TA5761](#)



REF [105TA5781](#)



REF [124TA6681](#)



REF [105TA5757](#)





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ALTERNATORS

used for: **TCM**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	99,5	14	15	12,2	52			170		<a href="#">107TA9502</a>
	B		15		13	39	74,5	14	155,5	V	<a href="#">135TA1873</a>
	B		21		16	31	68	12	155	V	<a href="#">128TA3940</a>
	B		21		16	35	74	10	138	V	<a href="#">105TA5775</a>
	B		21,3		15,5	35	74,5	14	138	V	<a href="#">124TA6740</a>
	B		21,5		16	32	76	14	140	V	<a href="#">124TA6601</a>
	B		23,5		16	32	69	13	138	V	<a href="#">135TA2472</a>
	B		23,5		16,5	31,5	74	13,5	137	V	<a href="#">105TA5788</a>
	B		24		16	30,5	70	12	138	V	<a href="#">136TA8347</a>





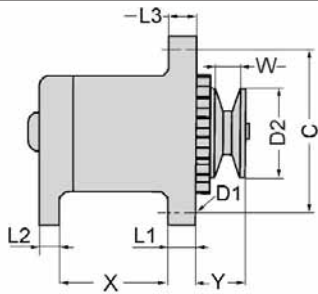
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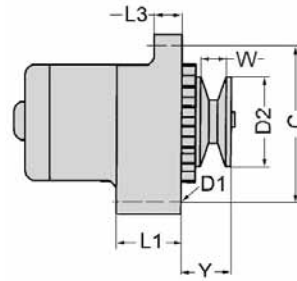
ALTERNATORS

used for: **TCM**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		24,2		16	30	74	13	140	V	<a href="#">124TA6692</a>
	B		24,4		15,8	57	63	10	138	V	<a href="#">124TA6650</a>
	B		29		17	45	74	12	155	V	<a href="#">128TA3913</a>
	B		51		12	41	69	17,5	155		<a href="#">105TA5767</a>
	B		52		17	43,5	68	21,5	165	V	<a href="#">135TA1752</a>
	B		57,5		16	44	63	14	165	V	<a href="#">135TA1878</a>
24	A	70	13	24	16	76	82	35	225	V	<a href="#">135TA1909</a>
	A	70	16	15,5	16	77	82	38	195	V	<a href="#">105TA5756</a>
	A	70	16	16	16	76,5	82	35,5	196	V	<a href="#">107TA9465</a>



REF [124TA6692](#)



REF [124TA6650](#)



REF [128TA3913](#)



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REF [135TA1752](#)



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REF [135TA1909](#)



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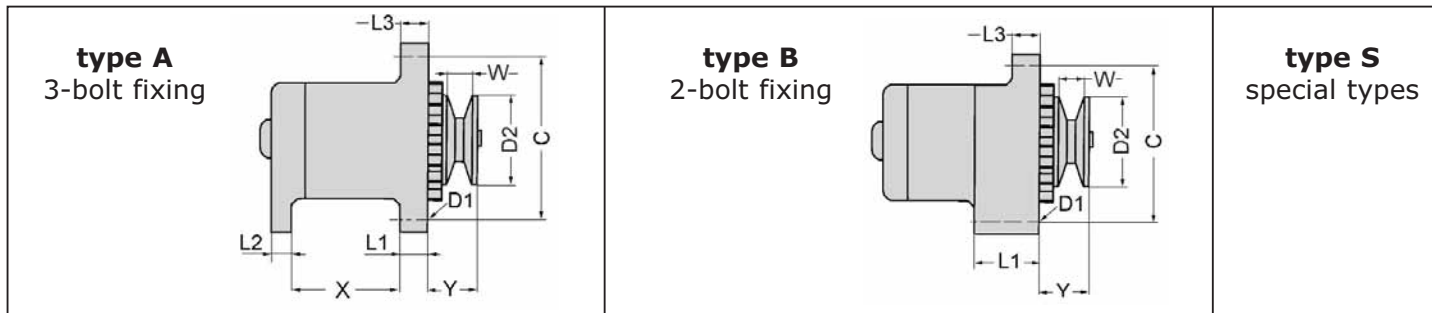
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ALTERNATORS

used for: **TCM**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
24	A	70	16	16,5	16	96	82	57,5	225	V	<a href="#">107TA9487</a>
	A	70	16,3	16,3	15,7	78	92	35	213	V	<a href="#">136TA3853</a>
	A	70,5	16	16	16	75	80	35,5	196		<a href="#">105TA5890</a>
	A	70,5	16	16	16	75,5	82	38	224	V	<a href="#">135TA1758</a>
	A	70,5	16	16	16	76	82	35,5	190	V	<a href="#">105TA5765</a>
	A	70,5	16	16	16	76	82,2	36	190	V	<a href="#">105TA5755</a>
	A	70,5	16	16	16	76	92	36	212	V	<a href="#">107TA9485</a>
	A	72	12	12	16	83	95,5	35	170	V	<a href="#">116TA7284</a>
	A	78,5	13	16,5	13	55	74	32	175	V	<a href="#">136TA3872</a>



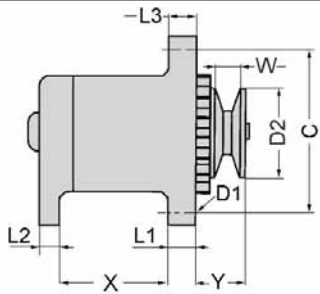
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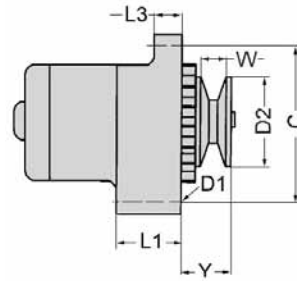
ALTERNATORS

used for: **TCM**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
24	A	80	13	13	13	54	80,5	29	155			<a href="#">128TA3471</a>
	A	80	13	18	14	55	82	16	190	V		<a href="#">135TA1906</a>
	A	80	13,5	13	13	42,5	82	16	156	V		<a href="#">107TA9501</a>
	A	80,5	14,8	13	14,6	37,5	72	12	155	V		<a href="#">105TA5766</a>
	A	82	13	13	13	46,5	77	16	155	V		<a href="#">116TA7277</a>
	A	86	14	14	14,2	67,5	84	39	222	V		<a href="#">128TA3687</a>
	B		50,8		25				188	V		<a href="#">128TA3531</a>



REF [128TA3471](#)



REF [135TA1906](#)



REF [107TA9501](#)



REF [105TA5766](#)



REF [116TA7277](#)



REF [128TA3687](#)



REF [128TA3531](#)



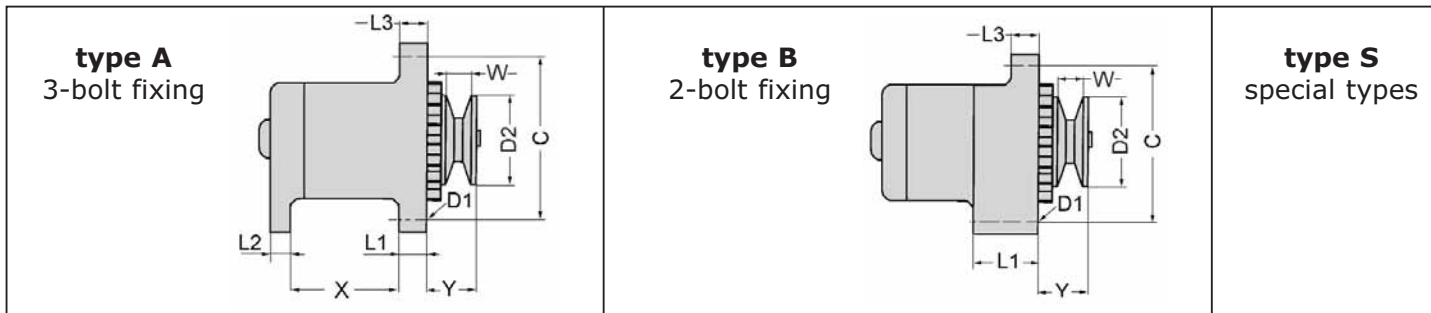
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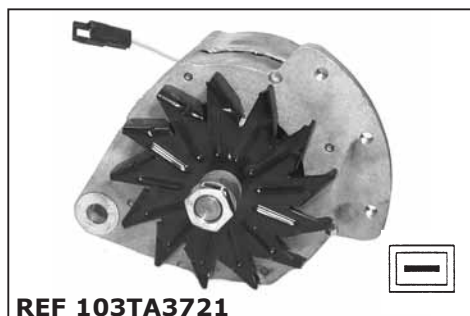


ALTERNATORS

## used for: **TENNANT**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		24,4		15,8	57	63	10	138	V	<a href="#">135TA1781</a>
	B		27		11,5				165	V	<a href="#">103TA3721</a>
	B		50,8		16,5	34	73	12	166	V	<a href="#">135TA1799</a>





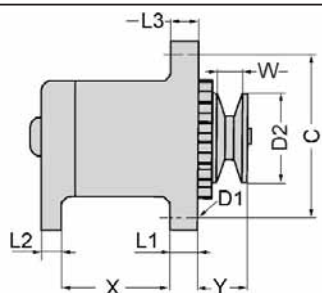
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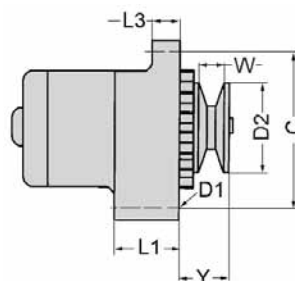
ALTERNATORS

used for: **TOYOTA**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	65	13	12	13,5	41,5			155	V	<a href="#">103TA3719</a>
	A	67	12,5	12,5	12	41,5	74	14	168		<a href="#">128TA3610</a>
	A	67	15	12	15	45,5	77,5	17,5	168	V	<a href="#">105TA5804</a>
	A	67	15	12,3	15	39	72	12	168		<a href="#">103TA3677</a>
	A	67	15	13	15	38,5	72	13,5	170	V	<a href="#">124TA6691</a>
	A	67	20	12	16	34	71,5	16	155	V	<a href="#">124TA6634</a>
	A	67	20	12	16	40	76	16	156	V	<a href="#">128TA3943</a>
	A	67	20	12	16	41	75	17	156	V	<a href="#">136TA3783</a>
	A	67	20	12	16	42	75	17	155	V	<a href="#">124TA6598</a>



REF [103TA3719](#)



REF [128TA3610](#)



REF [105TA5804](#)



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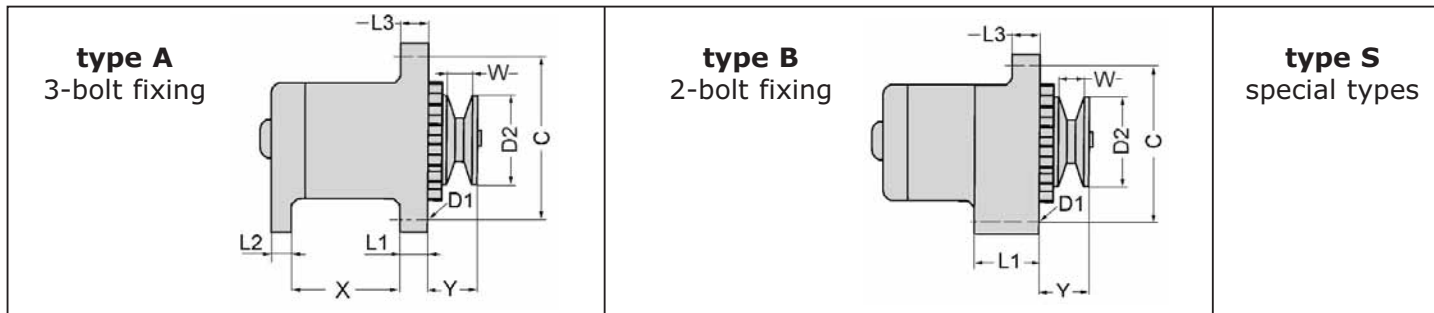
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ALTERNATORS

used for: **TOYOTA**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	67,3	20	12	16,3	32,5	69	12	155,5	V	<a href="#">128TA3668</a>
	A	67,5	12	12,5	12	48	82,5	16,5	168	V	<a href="#">124TA6684</a>
	A	67,5	20	12,5	16	40	76	16	155	V	<a href="#">128TA3515</a>
	A	75,2	12	12	12	48	82	16	170	V	<a href="#">124TA6744</a>
	A	75,2	12	12	12,4	39	67,5	11,4	171		<a href="#">128TA3583</a>
	A	75,5	12	12	12	42	72	14	180		<a href="#">105TA5800</a>
	A	76	12,5	12	12	41,5	69	14	166	V	<a href="#">105TA5794</a>
	A	77	12	11,5	12	47	82	16,5	170		<a href="#">103TA3795</a>
	A	81	12	12	12	40	69	12	155	V	<a href="#">116TA7349</a>



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ALTERNATORS

used for: **TOYOTA**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing

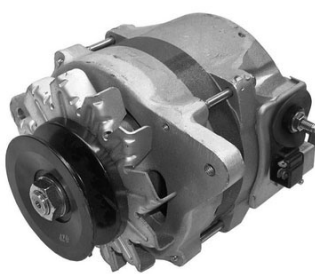


**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	82,8	11,3	12,3	11,3	32	64	12	150	V	<a href="#">128TA3730</a>
	A	105	14,2	14,5	14	47	82	16,5	170	V	<a href="#">124TA6730</a>
	A	105,5	14	15	14	47,5	82	16,5	175	V	<a href="#">103TA3778</a>
	B		21		16	35	74,5	13	155	V	<a href="#">103TA3819</a>
	B		21		16	35,5	74	12	155	V	<a href="#">107TA9550</a>
	B		21,2		16	31	67		155	V	<a href="#">116TA7350</a>
	B		21,5		16	32	76	14	140	V	<a href="#">128TA3522</a>
	B		23,4		16,6	32	74	13,5	138	V	<a href="#">135TA1945</a>
	B		23,5		16,5	31,5	74	13,5	137	V	<a href="#">124TA6697</a>



REF [128TA3730](#)



REF [124TA6730](#)



REF [103TA3778](#)



REF [103TA3819](#)



REF [107TA9550](#)



REF [116TA7350](#)



REF [128TA3522](#)



REF [135TA1945](#)



REF [124TA6697](#)



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ALTERNATORS

used for: **TOYOTA**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		24		16,5	30,5	74	14	138	V	<a href="#">128TA3511</a>
	B		24		16,5	31	74	12	140	V	<a href="#">117TA8564</a>
	B		29		17	43	74	12	157	V	<a href="#">135TA1926</a>
	B		51		16,3				173	V	<a href="#">135TA1854</a>
	B		57,5		16	48	64	20	161	V	<a href="#">105TA5796</a>
	B		57,5		22	57	71,5	25	160	V	<a href="#">128TA3753</a>
	B		58		15,6	47	56,5	16,3	150	V	<a href="#">105TA5801</a>
	B		58		15,8	58,5	72	25,5	150	V	<a href="#">116TA7375</a>
	B		58		16	36,5	57,5	23	164	V	<a href="#">135TA1917</a>



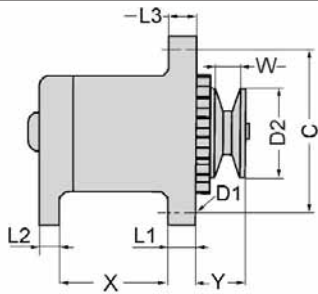
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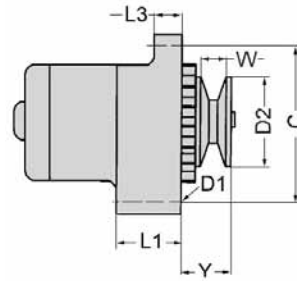
ALTERNATORS

used for: **TOYOTA**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		58		16	45	63	10	165	V	<a href="#">135TA1952</a>
	B		58		16	46	82	16	165	V	<a href="#">135TA1868</a>
	B		58		16	47,5	76	16,5	163	V	<a href="#">105TA5806</a>
	B		58		16	51	76	15	164,5	V	<a href="#">124TA6652</a>
	B		58		16	53	82	16,5	165	V	<a href="#">107TA9507</a>
	B		58		16	60	66,6	23	163	V	<a href="#">136TA3862</a>
	B		58	16	0	48	74,2	12	163	V	<a href="#">136TA3855</a>
	B		58,4		22	43	82	14	157	V	<a href="#">103TA3754</a>
	B		72		20				157	V	<a href="#">135TA1831</a>



REF [135TA1952](#)



REF [135TA1868](#)



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REF [103TA3754](#)



REF [135TA1831](#)





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## used for: TOYOTA



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		72		20	91	76	16	157	V	<a href="#">124TA6741</a>
	B		76,5		13,5	45	72	14	175	V	<a href="#">135TA1811</a>
24	A	67	20	12	16	40	76	15,5	155	V	<a href="#">105TA5799</a>
	A	67	20	12	16	40	76	16	155	V	<a href="#">128TA3548</a>
	A	67	20,5	12,5	16	40	76	16	155	V	<a href="#">103TA3709</a>
	A	75,5	12,2	12,3	12	48	82	16,5	168		<a href="#">107TA9505</a>
	A	75,5	15	12,5	15	45	77,5	17	170	V	<a href="#">107TA9553</a>
	A	75,8	12	11,4	12	49,3	83	17,3	168		<a href="#">128TA3699</a>
	A	76	12	12	12,5	47,5	83	17,3	167		<a href="#">105TA5808</a>





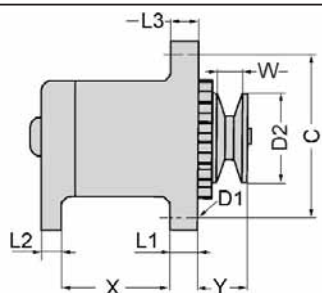
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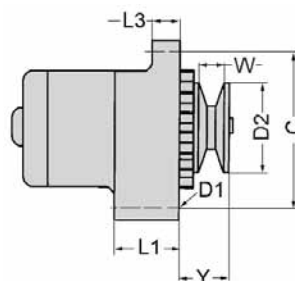
ALTERNATORS

used for: **TOYOTA**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

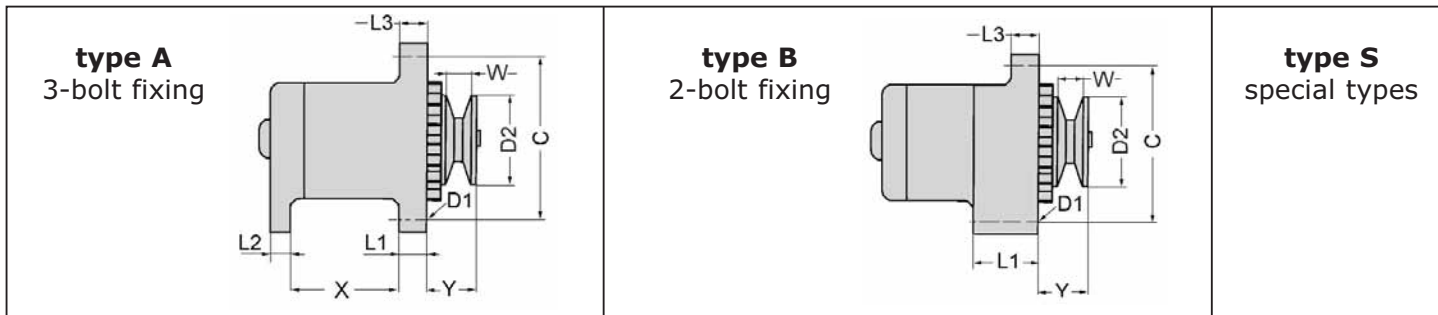
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U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
24	A	86	14	14	14	68	82	36	220	V		<a href="#">103TA3791</a>
	A	105,4	14	15,2	14	79	102	37	174	V		<a href="#">105TA5793</a>
	A	105,5	14	15	14	48	82	16,5	177			<a href="#">103TA3790</a>
	A	105,5	14	15	14	64,5	91	16,5	174			<a href="#">103TA3752</a>
	A	105,5	14	15	14	78			175	V		<a href="#">128TA3888</a>
	A	105,5	14	15,5	14	79	102	36,5	177			<a href="#">103TA3792</a>
	A	105,5	14	18	14,2	78	102	45	176			<a href="#">135TA1910</a>
	A	106	15	14	14,3	63			175			<a href="#">105TA5792</a>
	A	111	14	13	14	64,5	92	18	171			<a href="#">107TA9458</a>



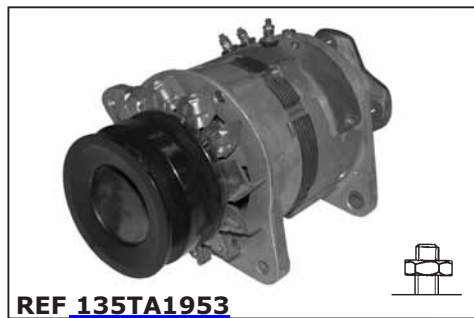


**used for: TOYOTA**

ALTERNATORS



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
24	A	111	14	13	14	78	102	45	172			<a href="#">135TA1953</a>
	A	111	14	13,5	14	65	92	17,5	173			<a href="#">105TA5789</a>



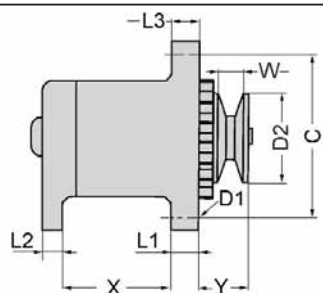
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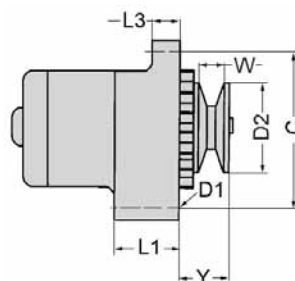
ALTERNATORS

used for: **UPRIGHT**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	67	19,8	15,4	12	32,2	69,6	12,5	154	V	<a href="#">136TA3797</a>	
	B		24,4		15,8	57	63	10	138	V	<a href="#">136TA3802</a>	



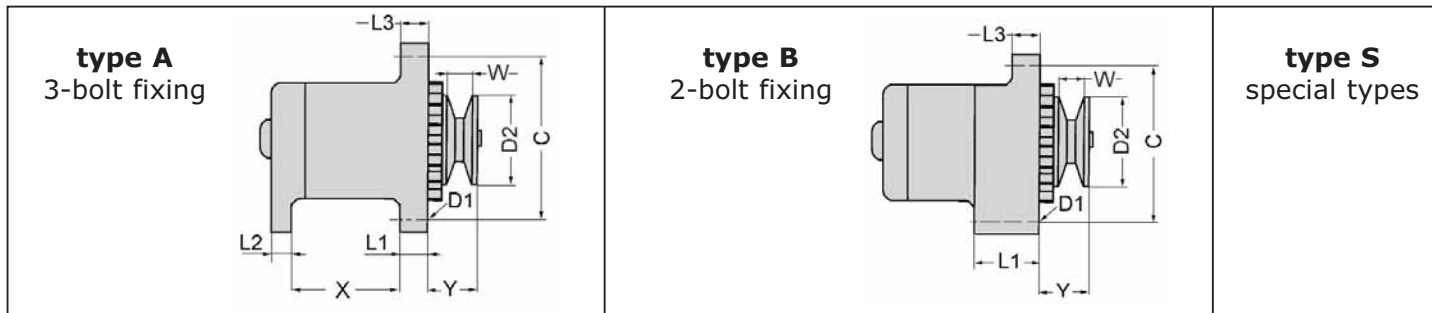
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ALTERNATORS

used for: **YALE**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	41	16,5	13	13	33,5	68	14	145	V	<a href="#">128TA3573</a>
	A	64,5	16,5	12	16,5	47,5	67	23	155	V	<a href="#">128TA3857</a>
	A	65,5	13	14	13	40	74	12	175		<a href="#">135TA1744</a>
	A	67	20	12	16	41	75	17	156	V	<a href="#">135TA1739</a>
	A	67	20	12	16	42	75	17	155	V	<a href="#">135TA1726</a>
	A	78	12,8	13	13	39	68	12	175	V	<a href="#">124TA6584</a>
	A	80	13	13	13	38	68	14	175	V	<a href="#">105TA5817</a>
	A	80	13	13	13	39,3	78,6	14	157	V	<a href="#">135TA1775</a>
	A	80,1	13,1	13,1	13,1	40	73,4	12,5	155		<a href="#">135TA1698</a>



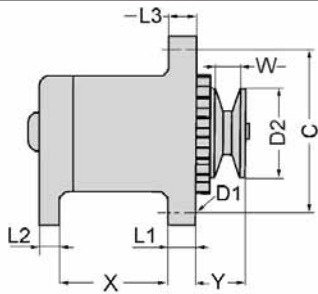
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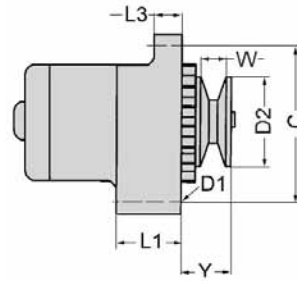
ALTERNATORS

used for: **YALE**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	80,5	13	13,5	13	40	67	13	155	V	<a href="#">124TA6677</a>
	A	80,5	13,5	13,5	13	40	73	13,5	155	V	<a href="#">124TA6585</a>
	A	80,5	14	20	14				149		<a href="#">135TA1914</a>
	A	80,5	14,5	13,5	14,5	37	72	12	157	V	<a href="#">128TA3491</a>
	A	81	13	13	13	43,8	93,5	19,5	155	V	<a href="#">105TA5810</a>
	A	81	14,5	13	14,5	41,5	93,5	18	155	V	<a href="#">107TA9495</a>
	A	81	25	12	22	27	72,5	14	174	V	<a href="#">135TA1754</a>
	A	81,5	12,5	12,5	12,5	38	74	12	150	V	<a href="#">135TA1830</a>
	A	81,5	13	16	13	38	74	14	158	V	<a href="#">105TA5832</a>



REF [124TA6677](#)



REF [124TA6585](#)



REF [135TA1914](#)



REF [128TA3491](#)



REF [105TA5810](#)



REF [107TA9495](#)



REF [135TA1754](#)



REF [135TA1830](#)



REF [105TA5832](#)



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ALTERNATORS

used for: **YALE**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG		
12	A	81,5	13,5	13	13	38	74	14	157	V	<a href="#">135TA1809</a>	
	A	82	12,5	12,5	13	40	69	10	155	V	<a href="#">124TA6581</a>	
	A	82	13	13	13	45	93,5	16,5	174	V	<a href="#">107TA9442</a>	
	A	82,5	14	15	14				150	V	<a href="#">135TA1813</a>	
	A	82,7	14	16	17,5				140	V	<a href="#">128TA3831</a>	
	A	82,8	11,3	12,3	11,3	32	64	12	150	V	<a href="#">135TA1817</a>	
	A	83	11	12	11				150	V	<a href="#">135TA1848</a>	
	A	83	11	12,5	11	38	74	12	148	V	<a href="#">135TA1740</a>	
	A	83	11	14	11				150	V	<a href="#">135TA1769</a>	



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ALTERNATORS

used for: **YALE**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	A	83	11,3	12	11	38,5	83,5	15	150	V	<a href="#">135TA1846</a>
	A	83	11,3	12	11,3	32,5	81,5		149	V	<a href="#">135TA1815</a>
	A	83,3	11,2	11,5	11,3	32,5	63,8	12	148,5	V	<a href="#">135TA1787</a>
	A	83,5	11,5	12	11,2	33,4	74	12	150	V	<a href="#">135TA1820</a>
	A	98	13	13	12	64,5			174		<a href="#">105TA5813</a>
	B		16,6		14,2	51,5	65	14	132		<a href="#">135TA1790</a>
	B		21		16	32	62,8	11	138	V	<a href="#">135TA1882</a>
	B		21		16	33,5	70	14	154	V	<a href="#">128TA3850</a>
	B		27,5		16	42	76	14	175	V	<a href="#">106TA5132</a>



REF [135TA1846](#)



REF [135TA1815](#)



REF [135TA1787](#)



REF [135TA1820](#)



REF [105TA5813](#)



REF [135TA1790](#)



REF [135TA1882](#)



REF [128TA3850](#)



REF [106TA5132](#)



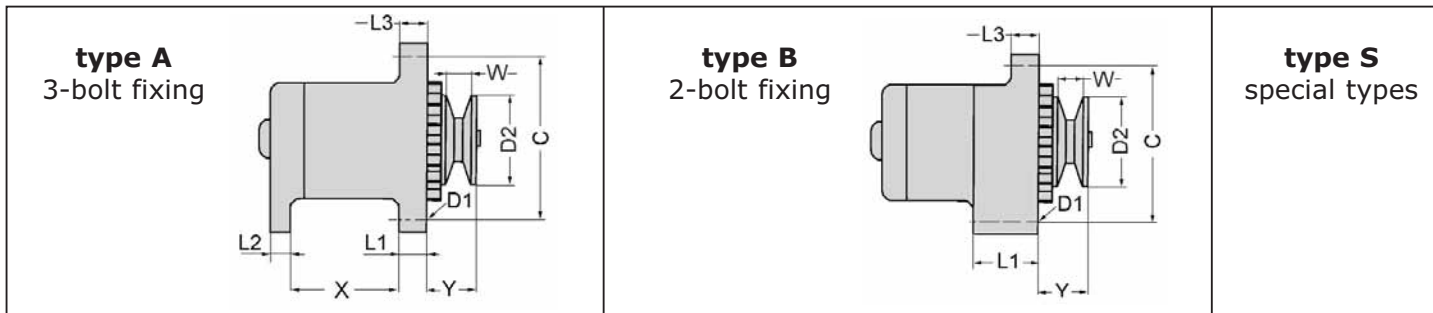
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ALTERNATORS

used for: **YALE**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		50,6		15,8				172	V	<a href="#">135TA2536</a>
	B		50,8		15,7				170	V	<a href="#">128TA3887</a>
	B		50,8		16	46,5	72	26,5	165	V	<a href="#">135TA1808</a>
	B		51		11,5				164	V	<a href="#">135TA1767</a>
	B		51		11,5				165	V	<a href="#">128TA3542</a>
	B		51		12	41	69	17,5	155		<a href="#">135TA1716</a>
	B		51		15				155	V	<a href="#">124TA6595</a>
	B		51		15	34	66	12	170	V	<a href="#">111TA1130</a>
	B		51		15,5				171		<a href="#">128TA3915</a>



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ALTERNATORS

used for: **YALE**

**type A**  
3-bolt fixing



**type B**  
2-bolt fixing



**type S**  
special types

voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		51		16				165	V	<a href="#">135TA1692</a>
	B		51		16,2				171	V	<a href="#">128TA3558</a>
	B		51		16,4	44	67	23	165	V	<a href="#">124TA6686</a>
	B		51		16,5				167	V	<a href="#">136TA3827</a>
	B		51		16,5	45,5	61,5	24,3	137	V	<a href="#">124TA6605</a>
	B		51		16,6	49	69	25,3	165	V	<a href="#">124TA6694</a>
	B		51		17,5	34	65	12	168		<a href="#">136TA3774</a>
	B		56		16,5				173	V	<a href="#">128TA3567</a>
	B		58		16	54,5	56,5	23,5	152	V	<a href="#">128TA3932</a>



REF [135TA1692](#)



REF [128TA3558](#)



REF [124TA6686](#)



REF [136TA3827](#)



REF [124TA6605](#)



REF [124TA6694](#)



REF [136TA3774](#)



REF [128TA3567](#)



REF [128TA3932](#)





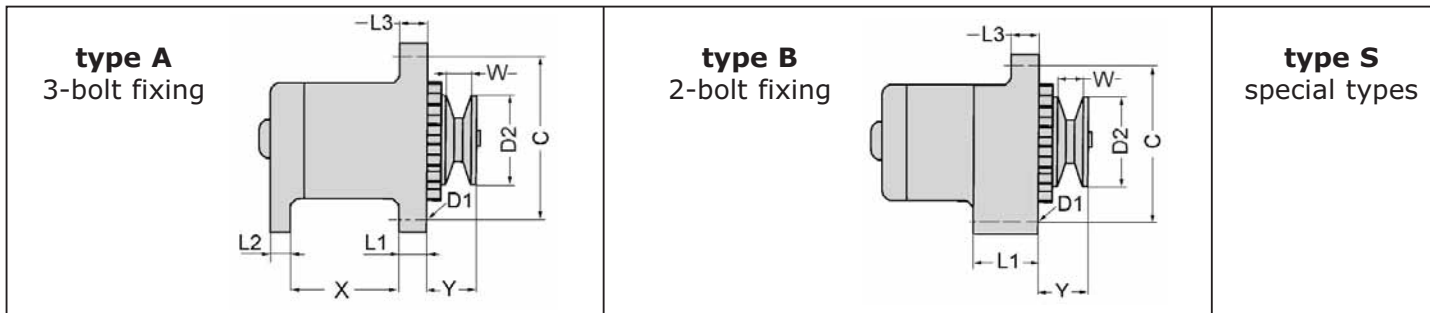
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ALTERNATORS

used for: **YALE**



voltage (volt)	type	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	dimension (mm)	regulator	reference new
U	TY	X	L1	L2	L3	Y	D2	W	C	REG	
12	B		76,5		13,5	45	72	14	175	V	<a href="#">128TA3718</a>
24	A	80	13	12,5	13	55,5	84	31	174	V	<a href="#">135TA1697</a>
	A	82	14	14	14				159,6	V	<a href="#">135TA1792</a>
	A	96	14	14	14,2	48	85	16	175	V	<a href="#">110TA9055</a>
	A	101	14	13,5	14				198	V	<a href="#">136TA3835</a>
	A	101	14	13,5	14				198	V	<a href="#">124TA6704</a>
	B		77		21				184	V	<a href="#">135TA1806</a>



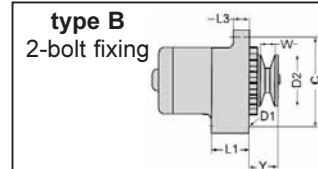
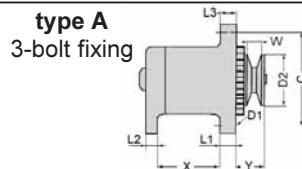


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## complete range



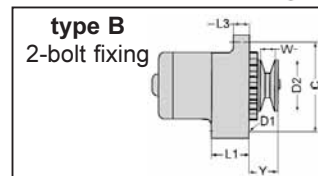
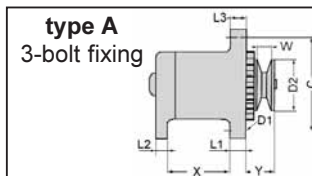
voltage (volt)	type	dimension (mm) X	dimension (mm) L1	dimension (mm) L2	dimension (mm) L3	dimension (mm) Y	dimension (mm) C	regulator REG	reference new	for picture see make
12	A	23	13	16	13	39	155	V	<a href="#">135TA1893</a>	MITSUBISHI-CATERPILLAR
12	A	40,3	17	10,5	13	35	148	V	<a href="#">124TA6736</a>	MITSUBISHI-CATERPILLAR
12	A	40,5	17	12,5	13	33	145	V	<a href="#">135TA1746</a>	MOFFETT
12	A	40,6	17	13,3	13	40	150	V	<a href="#">128TA3728</a>	MITSUBISHI-CATERPILLAR
12	A	41	16,5	13	13	33,5	145	V	<a href="#">128TA3573</a>	YALE
12	A	47	13	13	13	39	153		<a href="#">107TA9456</a>	MITSUBISHI-CATERPILLAR
12	A	47	13	13,4	13	39	155	V	<a href="#">105TA5709</a>	MITSUBISHI-CATERPILLAR
12	A	47	24	20	12,4	40	155		<a href="#">128TA3750</a>	MITSUBISHI-CATERPILLAR
12	A	47,2	12,8	13	13	39,5	155	V	<a href="#">124TA6696</a>	MITSUBISHI-CATERPILLAR
12	A	48	13	13	13	37	177	V	<a href="#">105TA5524</a>	MITSUBISHI-CATERPILLAR
12	A	48	13	13	13	39	153	V	<a href="#">105TA5512</a>	MITSUBISHI-CATERPILLAR
12	A	48	13	13	13	40	153	V	<a href="#">124TA6625</a>	MITSUBISHI-CATERPILLAR
12	A	48,2	12,8	12,8	12,8	36,5	154	V	<a href="#">105TA5517</a>	MITSUBISHI-CATERPILLAR
12	A	53	14	13	13		174		<a href="#">105TA5691</a>	MITSUBISHI-CATERPILLAR
12	A	53,5	14	12,5	12,5	38	174		<a href="#">128TA3556</a>	MITSUBISHI-CATERPILLAR
12	A	53,5	14	13	13	38	175	V	<a href="#">105TA5526</a>	MITSUBISHI-CATERPILLAR
12	A	54,5	13	14,5	13	43	180	V	<a href="#">107TA9437</a>	MITSUBISHI-CATERPILLAR
12	A	54,8	13	13	13		173		<a href="#">136TA3844</a>	HYUNDAI
12	A	55	13	13	13	39	174	V	<a href="#">105TA5698</a>	MITSUBISHI-CATERPILLAR
12	A	55,2	13	13	13	35	174	V	<a href="#">135TA1892</a>	MITSUBISHI-CATERPILLAR
12	A	57	23,5	16,2	23,2	37	100	V	<a href="#">105TA5560</a>	OM PIMESPO
12	A	58	13	13	36,4	33	172	V	<a href="#">124TA6728</a>	CLARK-SAMSUNG
12	A	60,5	17	21,5	17		166		<a href="#">105TA5568</a>	OM PIMESPO
12	A	63	16	16	16	36	166	V	<a href="#">128TA3540</a>	OM PIMESPO
12	A	63	17	16	15		166	V	<a href="#">105TA5562</a>	OM PIMESPO
12	A	63,5	15	16	15		165	V	<a href="#">105TA5564</a>	OM PIMESPO
12	A	63,5	17	22	15		167		<a href="#">105TA5558</a>	OM PIMESPO
12	A	64	16	16	15,5	37	162,5	V	<a href="#">103TA3675</a>	OM PIMESPO
12	A	64,5	16,5	12	16,5	47,5	155	V	<a href="#">128TA3857</a>	YALE
12	A	64,5	16,5	16	15		166	V	<a href="#">124TA6613</a>	STILL
12	A	64,8	15	13	13	18,5	155	V	<a href="#">135TA1930</a>	BOBCAT
12	A	65	13	12	13,5	41,5	155	V	<a href="#">103TA3719</a>	TOYOTA
12	A	65	13,5	15,5	13	44,5	175		<a href="#">124TA6660</a>	NISSAN
12	A	65	17	16	15	50	165	V	<a href="#">105TA5569</a>	OM PIMESPO
12	A	65	17,2	16	15,5	48	165	V	<a href="#">128TA3935</a>	OM PIMESPO
12	A	65	27	15	10	30	168	V	<a href="#">116TA7366</a>	DESTA
12	A	65,5	13	12	12,5	36	150		<a href="#">135TA1862</a>	MOFFETT
12	A	65,5	13	14	13	40	175		<a href="#">135TA1744</a>	YALE
12	A	65,5	27	4	11	38	162	V	<a href="#">135TA1888</a>	KOMATSU
12	A	66	27	4	11	29	162	V	<a href="#">124TA6727</a>	STILL
12	A	66	27	4	11	30	163	V	<a href="#">128TA3852</a>	FENWICK & PEG
12	A	66	27,3	4	11,2	29	162	V	<a href="#">116TA7357</a>	FENWICK & PEG
12	A	66,5	12	12	12	39	142	V	<a href="#">128TA3513</a>	MITSUBISHI-CATERPILLAR
12	A	66,5	20	12	16	34	155	V	<a href="#">103TA3763</a>	MITSUBISHI-CATERPILLAR
12	A	66,5	20,5	12	16	32,5	157	V	<a href="#">124TA6648</a>	MITSUBISHI-CATERPILLAR

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## complete range



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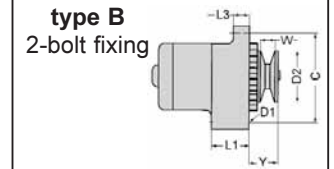
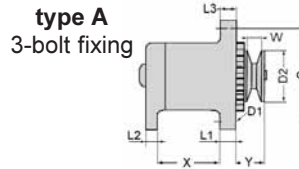
voltage (volt)	type	dimension (mm) X	dimension (mm) L1	dimension (mm) L2	dimension (mm) L3	dimension (mm) Y	dimension (mm) C	regulator REG	reference new	for picture see make
12	A	66,6	13,2	12,7	13,2	43	175	V	<a href="#">135TA1797</a>	MITSUBISHI-CATERPILLAR
12	A	67	12,5	12,5	12	41,5	168		<a href="#">128TA3610</a>	TOYOTA
12	A	67	15	12	15	45,5	168	V	<a href="#">105TA5804</a>	TOYOTA
12	A	67	15	12,3	15	39	168		<a href="#">103TA3677</a>	TOYOTA
12	A	67	15	13	15	38,5	170	V	<a href="#">124TA6691</a>	TOYOTA
12	A	67	18	13	14	47	156	V	<a href="#">135TA1937</a>	BAUMANN
12	A	67	19,8	15,4	12	32,2	154	V	<a href="#">136TA3797</a>	UPRIGHT
12	A	67	20	12	16	34	155	V	<a href="#">124TA6634</a>	TOYOTA
12	A	67	20	12	16	40	156	V	<a href="#">128TA3943</a>	TOYOTA
12	A	67	20	12	16	41	156	V	<a href="#">135TA1739</a>	YALE
12	A	67	20	12	16	42	155	V	<a href="#">135TA1726</a>	YALE
12	A	67,3	12	11,6	12	39	156		<a href="#">135TA1801</a>	TCM
12	A	67,3	20	12	16,3	32,5	155,5	V	<a href="#">128TA3668</a>	TOYOTA
12	A	67,5	12	12,5	12	48	168	V	<a href="#">124TA6684</a>	TOYOTA
12	A	67,5	20	12,5	16	40	155	V	<a href="#">128TA3515</a>	TOYOTA
12	A	68	12	11,6	12	45	143	V	<a href="#">128TA3700</a>	TCM
12	A	68	12	12	12	38,8	150	V	<a href="#">135TA1851</a>	OM PIMESPO
12	A	68,5	13	13	13	39	154	V	<a href="#">128TA3617</a>	OM PIMESPO
12	A	69	27	12	11	29,5	141	V	<a href="#">103TA3653</a>	FENWICK & PEG
12	A	69	27	21,5	11	41	170	V	<a href="#">124TA6667</a>	LINDE-LANSING
12	A	70	15,5	16	16	56,5	190	V	<a href="#">103TA3726</a>	KOMATSU
12	A	70	25	11,5	25	36	163	V	<a href="#">135TA1866</a>	NISSAN
12	A	70	27	13,5	11	44	160	V	<a href="#">103TA3811</a>	COVENTRY CLIMAX
12	A	70,3	16	16	16	51	190	V	<a href="#">124TA6685</a>	KOMATSU
12	A	70,8	17	12	18		164	V	<a href="#">103TA3684</a>	OM PIMESPO
12	A	71,3	27,1	20	11	37,5	171	V	<a href="#">124TA6678</a>	STILL
12	A	72	13	13	13	44	167	V	<a href="#">124TA6735</a>	MITSUBISHI-CATERPILLAR
12	A	73	17	12	18	35,5	164	V	<a href="#">105TA5565</a>	OM PIMESPO
12	A	75,2	12	12	12	48	170	V	<a href="#">124TA6744</a>	TOYOTA
12	A	75,2	12	12	12,4	39	171		<a href="#">128TA3583</a>	TOYOTA
12	A	75,3	17	12	18	35	166	V	<a href="#">135TA1946</a>	OM PIMESPO
12	A	75,5	12	12	12	42	180		<a href="#">105TA5800</a>	TOYOTA
12	A	76	12,5	12	12	41,5	166	V	<a href="#">105TA5794</a>	TOYOTA
12	A	77	12	11,5	12	47	170		<a href="#">103TA3795</a>	TOYOTA
12	A	78	12,8	13	13	39	175	V	<a href="#">124TA6584</a>	YALE
12	A	78,5	13	16,5	13	39	175	V	<a href="#">135TA1912</a>	TCM
12	A	79	13,4	15,3	24	58	165	V	<a href="#">107TA9475</a>	MITSUBISHI-CATERPILLAR
12	A	79,8	13	13	13	50	155	V	<a href="#">116TA7281</a>	TCM
12	A	80	13	12,7	13,2	39	157		<a href="#">135TA1867</a>	NISSAN
12	A	80	13	12,8	13,5	40	155	V	<a href="#">124TA6698</a>	NISSAN
12	A	80	13	13	12	39,5	175	V	<a href="#">135TA1891</a>	MITSUBISHI-CATERPILLAR
12	A	80	13	13	13	37	155	V	<a href="#">103TA3781</a>	TCM
12	A	80	13	13	13	38	175	V	<a href="#">105TA5817</a>	YALE
12	A	80	13	13	13	38	170	V	<a href="#">105TA5733</a>	NISSAN
12	A	80	13	13	13	38,5	175	V	<a href="#">135TA1742</a>	JCB

# ALTERNATORS

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ALTERNATORS

## complete range



voltage (volt)	type	dimension (mm) X	dimension (mm) L1	dimension (mm) L2	dimension (mm) L3	dimension (mm) Y	dimension (mm) C	regulator	reference new	for picture see make
U	TY							REG		
12	A	80	13	13	13	38,5	156	V	<a href="#">124TA6710</a>	TCM
12	A	80	13	13	13	39	155	V	<a href="#">105TA5786</a>	TCM
12	A	80	13	13	13	39,3	157	V	<a href="#">135TA1775</a>	YALE
12	A	80	13	13	13	40	155	V	<a href="#">128TA3613</a>	MITSUBISHI-CATERPILLAR
12	A	80	13	13	13	42	155	V	<a href="#">128TA3815</a>	TCM
12	A	80	13	13	13	44	155	V	<a href="#">128TA3644</a>	TCM
12	A	80	13	13	13	45	155	V	<a href="#">105TA5779</a>	TCM
12	A	80	13	13	13	45,5	155	V	<a href="#">105TA5666</a>	MITSUBISHI-CATERPILLAR
12	A	80	13	13	13		155		<a href="#">136TA3857</a>	TCM
12	A	80	13	13	13,5	36,5	155		<a href="#">135TA1714</a>	TCM
12	A	80	13	13	14	40	175	V	<a href="#">116TA7336</a>	MITSUBISHI-CATERPILLAR
12	A	80	13	14	13	38,5	175	V	<a href="#">105TA5783</a>	TCM
12	A	80	13	14	22	46,5	169	V	<a href="#">135TA1865</a>	NISSAN
12	A	80	13	20	13	46	168	V	<a href="#">135TA1929</a>	HELI
12	A	80	13,5	13	13	35,5	172	V	<a href="#">105TA5776</a>	TCM
12	A	80	13,5	13	13	37	175	V	<a href="#">105TA5887</a>	MITSUBISHI-CATERPILLAR
12	A	80	13,5	15	13	42	155	V	<a href="#">128TA3898</a>	MITSUBISHI-CATERPILLAR
12	A	80,1	13,1	13,1	13,1	40	155		<a href="#">135TA1698</a>	YALE
12	A	80,3	13	12,2	13	38,3	174	V	<a href="#">105TA5523</a>	MITSUBISHI-CATERPILLAR
12	A	80,4	13	13	13	54	175	V	<a href="#">135TA1796</a>	TCM
12	A	80,5	13	12,8	13	43,5	174	V	<a href="#">106TA5146</a>	HYUNDAI
12	A	80,5	13	13	13	37	155		<a href="#">108TA8287</a>	TCM
12	A	80,5	13	13	13	37,5	175	V	<a href="#">124TA6676</a>	LINDE-LANSING
12	A	80,5	13	13	13	38	170	V	<a href="#">116TA7359</a>	MITSUBISHI-CATERPILLAR
12	A	80,5	13	13	13	39	173	V	<a href="#">116TA7354</a>	HYSTER
12	A	80,5	13	13	13	40	156	V	<a href="#">128TA3902</a>	TCM
12	A	80,5	13	13	13	40	174	V	<a href="#">136TA3788</a>	TCM
12	A	80,5	13	13	13	40,5	175	V	<a href="#">124TA6738</a>	TCM
12	A	80,5	13	13	13	55,5	175	V	<a href="#">128TA3911</a>	NISSAN
12	A	80,5	13	13	13	56	172	V	<a href="#">103TA3655</a>	NISSAN
12	A	80,5	13	13	13,5	57	175,5	V	<a href="#">124TA6649</a>	TCM
12	A	80,5	13	13,5	13	40	155	V	<a href="#">124TA6677</a>	YALE
12	A	80,5	13	13,5	13,5	39	174	V	<a href="#">105TA5731</a>	NISSAN
12	A	80,5	13,5	13	13,5	53,5	155		<a href="#">105TA5778</a>	TCM
12	A	80,5	13,5	13,5	13	40	155	V	<a href="#">124TA6585</a>	YALE
12	A	80,5	14	20	14		149		<a href="#">135TA1914</a>	YALE
12	A	80,5	14,5	13,5	14,5	37	157	V	<a href="#">128TA3491</a>	YALE
12	A	80,7	13	13	13	39	174,5		<a href="#">135TA1943</a>	TCM
12	A	80,8	13	13	13	57	175	V	<a href="#">116TA7348</a>	NISSAN
12	A	80,8	14,3	19,8	14,2	46	129	V	<a href="#">128TA3892</a>	JCB
12	A	81	10	15	10,5	33	147,5	V	<a href="#">136TA3856</a>	JUNGHEINRICH-STEINBOCK
12	A	81	12	12	12	40	155	V	<a href="#">116TA7349</a>	TOYOTA
12	A	81	12	12	12	45	170	V	<a href="#">107TA9452</a>	TCM
12	A	81	12	12,5	12,5	39	180	V	<a href="#">105TA5774</a>	TCM
12	A	81	13	13	13	37	175	V	<a href="#">135TA1879</a>	NISSAN

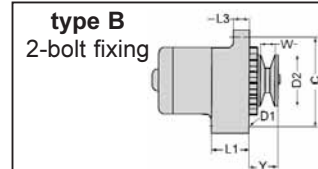
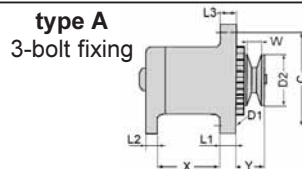
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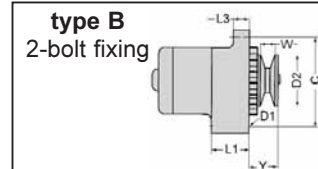
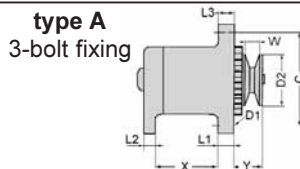
voltage (volt)	type	dimension (mm) X	dimension (mm) L1	dimension (mm) L2	dimension (mm) L3	dimension (mm) Y	dimension (mm) C	regulator REG	reference new	for picture see make
12	A	81	13	13	13	38	175,5		<a href="#">135TA1899</a>	MITSUBISHI-CATERPILLAR
12	A	81	13	13	13	38,5	175	V	<a href="#">124TA6732</a>	NISSAN
12	A	81	13	13	13	43,8	155	V	<a href="#">105TA5810</a>	YALE
12	A	81	13	13	13	57	175	V	<a href="#">136TA3849</a>	TCM
12	A	81	14	20	14	46	128	V	<a href="#">128TA3894</a>	JCB
12	A	81	14	20	18		140	V	<a href="#">128TA3766</a>	MANITOU
12	A	81	14,5	13	14,5	41,5	155	V	<a href="#">107TA9495</a>	YALE
12	A	81	15	13,5	14	36,5	155	V	<a href="#">103TA3812</a>	NISSAN
12	A	81	25	12	22	27	174	V	<a href="#">135TA1754</a>	YALE
12	A	81	56,5	20	56,5	32	147	V	<a href="#">105TA5554</a>	FENWICK & PEG
12	A	81,5	10,4	10	10		143	V	<a href="#">107TA9490</a>	MANITOU
12	A	81,5	11	12	11	32	148	V	<a href="#">107TA9447</a>	MANITOU
12	A	81,5	12	13	12	37,2	149	V	<a href="#">128TA3773</a>	JCB
12	A	81,5	12	13	12	44	146	V	<a href="#">128TA3746</a>	HYUNDAI
12	A	81,5	12,4	15,2	23,5	56,5	163	V	<a href="#">124TA6647</a>	CLARK-SAMSUNG
12	A	81,5	12,5	12,5	12,5	38	150	V	<a href="#">135TA1830</a>	YALE
12	A	81,5	13	13	13	40	174	V	<a href="#">105TA5895</a>	NISSAN
12	A	81,5	13	13	13	66	177	V	<a href="#">116TA7382</a>	NISSAN
12	A	81,5	13	16	13	37	156	V	<a href="#">136TA3870</a>	MITSUBISHI-CATERPILLAR
12	A	81,5	13	16	13	38	158	V	<a href="#">105TA5832</a>	YALE
12	A	81,5	13,5	13	13	38	157	V	<a href="#">135TA1809</a>	YALE
12	A	82	10	20	10	43	144	V	<a href="#">136TA3847</a>	MITSUBISHI-CATERPILLAR
12	A	82	11	20	11	34	149	V	<a href="#">135TA1922</a>	KALMAR
12	A	82	11	20,5	11		150	V	<a href="#">136TA3866</a>	JCB
12	A	82	11,5	11,4	11,5		148	V	<a href="#">135TA1884</a>	STILL
12	A	82	12,5	12,5	13	40	155	V	<a href="#">124TA6581</a>	YALE
12	A	82	13	13	12	40,7	176	V	<a href="#">105TA5582</a>	HYSTER
12	A	82	13	13	13	23	175		<a href="#">136TA3842</a>	KOMATSU
12	A	82	13	13	13	45	174	V	<a href="#">107TA9442</a>	YALE
12	A	82	13	13	13	56	175	V	<a href="#">105TA5729</a>	NISSAN
12	A	82,5	13	13	13	39,5	175	V	<a href="#">116TA7386</a>	MITSUBISHI-CATERPILLAR
12	A	82,5	13	13	13	42	155	V	<a href="#">107TA9450</a>	TCM
12	A	82,5	14	13,5	14	55	165	V	<a href="#">136TA3854</a>	DIECI
12	A	82,5	14	15	14		150	V	<a href="#">135TA1813</a>	YALE
12	A	82,5	14	16	17	34	140	V	<a href="#">136TA3859</a>	JLG
12	A	82,5	14	16	17	34	140	V	<a href="#">128TA3929</a>	BOBCAT
12	A	82,5	14,3	15,8	17,7	33,8	140		<a href="#">135TA1852</a>	MANITOU
12	A	82,5	14,5	15	14,5		150	V	<a href="#">135TA1844</a>	MANITOU
12	A	82,5	18	15	16		141	V	<a href="#">136TA3848</a>	MANITOU
12	A	82,5	25	12,5	22,5	35,5	163	V	<a href="#">105TA5693</a>	MITSUBISHI-CATERPILLAR
12	A	82,7	13	13	13	42,5	158	V	<a href="#">109TA5983</a>	TCM
12	A	82,7	14	16	17		140	V	<a href="#">128TA3819</a>	MANITOU
12	A	82,7	14	16	17,5		140	V	<a href="#">128TA3831</a>	YALE
12	A	82,8	11,3	12,3	11,3	32	150	V	<a href="#">135TA1817</a>	YALE
12	A	83	9	20	9,5		143	V	<a href="#">135TA1921</a>	CLARK-SAMSUNG

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voltage (volt)	type	dimension (mm) X	dimension (mm) L1	dimension (mm) L2	dimension (mm) L3	dimension (mm) Y	dimension (mm) C	regulator REG	reference new	for picture see make
12	A	83	10	10	10	34	144	V	<a href="#">103TA3786</a>	BALKANCAR
12	A	83	11	12	11		149	V	<a href="#">135TA1923</a>	MOFFETT
12	A	83	11	12	11		150	V	<a href="#">135TA1848</a>	YALE
12	A	83	11	12,5	11	38	148	V	<a href="#">135TA1740</a>	YALE
12	A	83	11	14	11		150	V	<a href="#">135TA1769</a>	YALE
12	A	83	11,3	12	11	38,5	150	V	<a href="#">135TA1846</a>	YALE
12	A	83	11,3	12	11,3	32,5	149	V	<a href="#">135TA1815</a>	YALE
12	A	83,3	11,2	11,5	11,3	32,5	148,5	V	<a href="#">135TA1787</a>	YALE
12	A	83,5	11	11,5	11,5	34,5	148	V	<a href="#">105TA5655</a>	MANITOU
12	A	83,5	11,5	12	11,2	33,4	150	V	<a href="#">135TA1820</a>	YALE
12	A	83,5	12	12	12,4	33	148	V	<a href="#">128TA3795</a>	SAMBRON
12	A	84	12	12	12	41	148	V	<a href="#">135TA1932</a>	MANITOU
12	A	84	12,4	12	12,5		150	V	<a href="#">128TA3818</a>	JCB
12	A	84,5	10,5	10,5	10,5		148	V	<a href="#">124TA6700</a>	LINDE-LANSING
12	A	84,6	10,6	10,8	10,6	35,5	149	V	<a href="#">135TA1887</a>	MANITOU
12	A	85	10,5	10	10,5	37	152	V	<a href="#">103TA3698</a>	MITSUBISHI-CATERPILLAR
12	A	85,3	14,2	14,2	14,2	78,5	224		<a href="#">135TA1881</a>	JCB
12	A	87	9,8	20	9,5		143	V	<a href="#">128TA3939</a>	BAUMANN
12	A	87,5	9,8	10	10		142	V	<a href="#">135TA1794</a>	JCB
12	A	88	9	10,5	9,5		142	V	<a href="#">105TA5511</a>	MITSUBISHI-CATERPILLAR
12	A	88	10	20	10	37	144	V	<a href="#">135TA1947</a>	JUNGHEINRICH-STEINBOCK
12	A	88,5	9,2	10	9		143	V	<a href="#">107TA9430</a>	LINDE-LANSING
12	A	98	10,5	10	10,8	42	157	V	<a href="#">124TA6682</a>	TCM
12	A	98	12,5	12	12	37,5	155		<a href="#">103TA3745</a>	NISSAN
12	A	98	13	10	12	38	150		<a href="#">105TA5761</a>	TCM
12	A	98	13	10	13,5	41	158	V	<a href="#">135TA1717</a>	SALEV
12	A	98	13	13	12	64,5	174		<a href="#">105TA5813</a>	YALE
12	A	98	13	13	13	48	174	V	<a href="#">105TA5781</a>	TCM
12	A	98,3	13	13	13	39	173	V	<a href="#">128TA3840</a>	NISSAN
12	A	98,5	12	13	12	41	155	V	<a href="#">124TA6681</a>	TCM
12	A	98,5	13	10	13,5	36,5	155	V	<a href="#">105TA5757</a>	TCM
12	A	99,5	14	15	12,2	52	170		<a href="#">107TA9502</a>	TCM
12	A	100	12,5	14	14		218	V	<a href="#">105TA5520</a>	MITSUBISHI-CATERPILLAR
12	A	101	14	20	14		198	V	<a href="#">136TA3845</a>	KALMAR
12	A	101,5	14,5	14	14,5		215	V	<a href="#">103TA3784</a>	HYSTER
12	A	101,8	14,5	20	14,5		196	V	<a href="#">128TA3910</a>	MITSUBISHI-CATERPILLAR
12	A	102	13,5	13,5	14		200		<a href="#">124TA6743</a>	MITSUBISHI-CATERPILLAR
12	A	102	14	13,5	14		215	V	<a href="#">103TA3658</a>	HYSTER
12	A	105	14,2	14,5	14	47	170	V	<a href="#">124TA6730</a>	TOYOTA
12	A	105,5	14	15	14	47,5	175	V	<a href="#">103TA3778</a>	TOYOTA
12	A	181	9	10	9		156		<a href="#">105TA5536</a>	CLARK-SAMSUNG
12	B	68	27	9,5	11	38,5	169	V	<a href="#">107TA9549</a>	LINDE-LANSING
12	B		15		13	39	155,5	V	<a href="#">135TA1873</a>	TCM
12	B		16,6		14,2	51,5	132		<a href="#">135TA1790</a>	YALE
12	B		21		16	31	155	V	<a href="#">128TA3940</a>	TCM

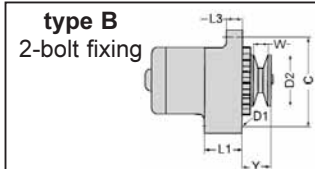
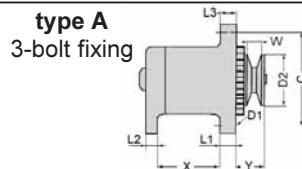


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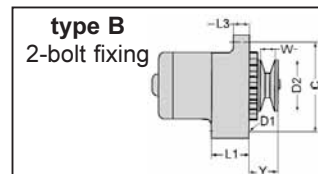
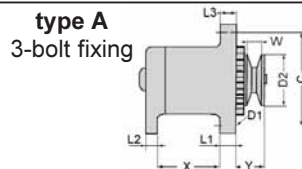
voltage (volt)	type	dimension (mm) X	dimension (mm) L1	dimension (mm) L2	dimension (mm) L3	dimension (mm) Y	dimension (mm) C	regulator REG	reference new	for picture see make
12	B		21		16	32	138	V	<a href="#">135TA1882</a>	YALE
12	B		21		16	32	154	V	<a href="#">136TA3850</a>	KOMATSU
12	B		21		16	33,5	154	V	<a href="#">128TA3850</a>	YALE
12	B		21		16	35	152	V	<a href="#">136TA3837</a>	MOFFETT
12	B		21		16	35	154	V	<a href="#">135TA1916</a>	MOFFETT
12	B		21		16	35	138	V	<a href="#">105TA5775</a>	TCM
12	B		21		16	35	155	V	<a href="#">103TA3819</a>	TOYOTA
12	B		21		16	35,5	155	V	<a href="#">107TA9550</a>	TOYOTA
12	B		21		16	39	155	V	<a href="#">135TA1826</a>	mitsubishi-caterpillar
12	B		21,2		16	31	155	V	<a href="#">116TA7350</a>	TOYOTA
12	B		21,3		15,5	35	138	V	<a href="#">124TA6740</a>	TCM
12	B		21,3		16	33	147	V	<a href="#">135TA1843</a>	HYUNDAI
12	B		21,5		16	32	140	V	<a href="#">128TA3522</a>	TOYOTA
12	B		23,4		16,6	32	138	V	<a href="#">135TA1945</a>	TOYOTA
12	B		23,5		16	32	138	V	<a href="#">135TA2472</a>	TCM
12	B		23,5		16,5	31,5	137	V	<a href="#">124TA6697</a>	TOYOTA
12	B		24		16	30,5	138	V	<a href="#">136TA8347</a>	TCM
12	B		24		16	33	140	V	<a href="#">135TA1877</a>	HELI
12	B		24		16,5	30,5	138	V	<a href="#">128TA3511</a>	TOYOTA
12	B		24		16,5	31	140	V	<a href="#">117TA8564</a>	TOYOTA
12	B		24,2		16	30	140	V	<a href="#">124TA6692</a>	TCM
12	B		24,2		16	30	137	V	<a href="#">128TA3930</a>	JLG
12	B		24,4		15,8	57	138	V	<a href="#">136TA3802</a>	UPRIGHT
12	B		27		11	33,5	160	V	<a href="#">135TA1903</a>	STILL
12	B		27		11		161	V	<a href="#">135TA1745</a>	STILL
12	B		27		11,5		165	V	<a href="#">103TA3721</a>	TENNANT
12	B		27,5		16	42	175	V	<a href="#">106TA5132</a>	YALE
12	B		29		17	43	157	V	<a href="#">135TA1926</a>	TOYOTA
12	B		29		17	45	155	V	<a href="#">128TA3913</a>	TCM
12	B		32,2		32	33	115	V	<a href="#">105TA5563</a>	OM PIMESPO
12	B		50,5		16,5	36	165,5	V	<a href="#">107TA9493</a>	CLARK-SAMSUNG
12	B		50,6		15,8		172	V	<a href="#">135TA2536</a>	YALE
12	B		50,7		15,7	33,5	167	V	<a href="#">128TA3838</a>	CLARK-SAMSUNG
12	B		50,7		16,5	52,5	165	V	<a href="#">116TA7405</a>	HYSTER
12	B		50,8		15,7		170	V	<a href="#">128TA3887</a>	YALE
12	B		50,8		16	33	165		<a href="#">128TA3816</a>	CLARK-SAMSUNG
12	B		50,8		16	46,5	165	V	<a href="#">135TA1808</a>	YALE
12	B		50,8		16		170	V	<a href="#">135TA1871</a>	HYSTER
12	B		50,8		16,2	33	167	V	<a href="#">128TA3812</a>	mitsubishi-caterpillar
12	B		50,8		16,2		172	V	<a href="#">135TA1827</a>	MANITOU
12	B		50,8		16,5	34	166	V	<a href="#">135TA1799</a>	TENNANT
12	B		51		11,2		166	V	<a href="#">128TA3847</a>	CLARK-SAMSUNG
12	B		51		11,5		164	V	<a href="#">135TA1767</a>	YALE
12	B		51		11,5		165	V	<a href="#">128TA3542</a>	YALE
12	B		51		11,5		166	V	<a href="#">105TA5534</a>	CLARK-SAMSUNG

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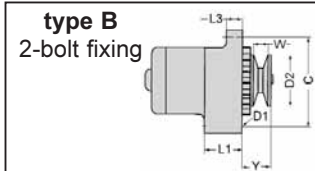
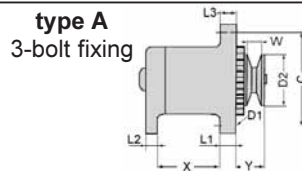
voltage (volt)	type	dimension (mm) X	dimension (mm) L1	dimension (mm) L2	dimension (mm) L3	dimension (mm) Y	dimension (mm) C	regulator REG	reference new	for picture see make
12	B		51		12	41	155		<a href="#">135TA1716</a>	YALE
12	B		51		15	34	170	V	<a href="#">111TA1130</a>	YALE
12	B		51		15		155	V	<a href="#">124TA6595</a>	YALE
12	B		51		15,5		171		<a href="#">128TA3915</a>	YALE
12	B		51		16		165	V	<a href="#">135TA1692</a>	YALE
12	B		51		16		170	V	<a href="#">136TA3869</a>	NISSAN
12	B		51		16,2	32,5	172	V	<a href="#">128TA3864</a>	JCB
12	B		51		16,2		171	V	<a href="#">128TA3558</a>	YALE
12	B		51		16,3		173	V	<a href="#">135TA1854</a>	TOYOTA
12	B		51		16,4	44	165	V	<a href="#">124TA6686</a>	YALE
12	B		51		16,5	32	172	V	<a href="#">136TA3811</a>	mitsubishi-caterpillar
12	B		51		16,5	33	165	V	<a href="#">128TA3827</a>	OM PIMESPO
12	B		51		16,5	34	168	V	<a href="#">105TA5507</a>	mitsubishi-caterpillar
12	B		51		16,5	45,5	137	V	<a href="#">124TA6605</a>	YALE
12	B		51		16,5		167	V	<a href="#">136TA3827</a>	YALE
12	B		51		16,6	49	165	V	<a href="#">124TA6694</a>	YALE
12	B		51		17,5	32	167	V	<a href="#">128TA3920</a>	CLARK-SAMSUNG
12	B		51		17,5	34	168		<a href="#">136TA3774</a>	YALE
12	B		51		17,5	37,5	167	V	<a href="#">135TA1876</a>	mitsubishi-caterpillar
12	B		51		25,5		178	V	<a href="#">124TA6714</a>	KALMAR
12	B		51		51	46	138	V	<a href="#">136TA3861</a>	mitsubishi-caterpillar
12	B		52		17	43,5	165	V	<a href="#">135TA1752</a>	TCM
12	B		55,5		13	55	175	V	<a href="#">116TA7374</a>	STILL
12	B		56		10	28	144	V	<a href="#">105TA5752</a>	STILL
12	B		56		10	33	138	V	<a href="#">128TA3691</a>	LINDE-LANSING
12	B		56		10	45	143,5	V	<a href="#">135TA1901</a>	OM PIMESPO
12	B		56		10	64	142	V	<a href="#">128TA3841</a>	LINDE-LANSING
12	B		56		10		143	V	<a href="#">128TA3534</a>	NISSAN
12	B		56		10		144	V	<a href="#">124TA6628</a>	SAMBRON
12	B		56		10		144	V	<a href="#">109TA5984</a>	KOMATSU
12	B		56		10,3	27,5	144	V	<a href="#">107TA9551</a>	LINDE-LANSING
12	B		56		14	53,5	173	V	<a href="#">105TA5749</a>	STILL
12	B		56		16,3	27,5	173	V	<a href="#">135TA1728</a>	CLARK-SAMSUNG
12	B		56		16,5		173	V	<a href="#">128TA3567</a>	YALE
12	B		56		19,3	66,5	155	V	<a href="#">135TA1864</a>	LINDE-LANSING
12	B		56		56		155	V	<a href="#">135TA1835</a>	LINDE-LANSING
12	B		56		56		155	V	<a href="#">135TA1954</a>	LINDE-LANSING
12	B		56		56		156	V	<a href="#">135TA1875</a>	SAMBRON
12	B		56		56		156	V	<a href="#">136TA3800</a>	STILL
12	B		56,2		20	61	155	V	<a href="#">128TA3933</a>	O&K
12	B		56,5		16,4	28,8	170	V	<a href="#">105TA5540</a>	CLARK-SAMSUNG
12	B		57,5		16	44	165	V	<a href="#">135TA1878</a>	TCM
12	B		57,5		16	48	161	V	<a href="#">105TA5796</a>	TOYOTA
12	B		57,5		22	57	160	V	<a href="#">128TA3753</a>	TOYOTA
12	B		58	16	0	48	163	V	<a href="#">136TA3855</a>	TOYOTA

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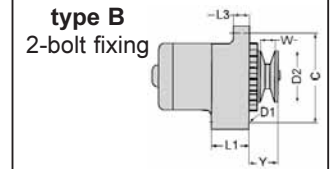
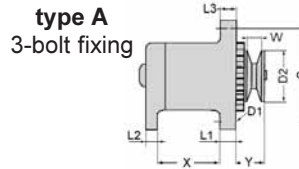
voltage (volt)	type	dimension (mm) X	dimension (mm) L1	dimension (mm) L2	dimension (mm) L3	dimension (mm) Y	dimension (mm) C	regulator REG	reference new	for picture see make
12	B		58		15,6	47	150	V	<a href="#">105TA5801</a>	TOYOTA
12	B		58		15,8	58,5	150	V	<a href="#">116TA7375</a>	TOYOTA
12	B		58		16	36,5	164	V	<a href="#">135TA1917</a>	TOYOTA
12	B		58		16	45	165	V	<a href="#">135TA1952</a>	TOYOTA
12	B		58		16	46	165	V	<a href="#">135TA1868</a>	TOYOTA
12	B		58		16	47,5	163	V	<a href="#">105TA5806</a>	TOYOTA
12	B		58		16	51	164,5	V	<a href="#">124TA6652</a>	TOYOTA
12	B		58		16	53	165	V	<a href="#">107TA9507</a>	TOYOTA
12	B		58		16	54	152	V	<a href="#">136TA3860</a>	KOMATSU
12	B		58		16	54,5	152	V	<a href="#">128TA3932</a>	YALE
12	B		58		16	60	163	V	<a href="#">136TA3862</a>	TOYOTA
12	B		58,4		22	43	157	V	<a href="#">103TA3754</a>	TOYOTA
12	B		59,5		16	41,5	160	V	<a href="#">136TA3841</a>	HYUNDAI
12	B		71,5		36	52,5	151	V	<a href="#">105TA5599</a>	KALMAR
12	B		72		20	91	157	V	<a href="#">124TA6741</a>	TOYOTA
12	B		72		20		157	V	<a href="#">135TA1831</a>	TOYOTA
12	B		76		21		174	V	<a href="#">103TA3652</a>	HYSTER
12	B		76,5		13,5	45	175	V	<a href="#">128TA3718</a>	YALE
12	B		76,5		16	45	151	V	<a href="#">105TA5700</a>	MITSUBISHI-CATERPILLAR
12	B		78		20		180	V	<a href="#">136TA3815</a>	CLARK-SAMSUNG
12	B		80		15		150	V	<a href="#">136TA3793</a>	STILL
12	S		16,2		16	55	117,5		<a href="#">135TA1948</a>	BOBCAT
24	A	63	17	21,5	15		166		<a href="#">103TA3771</a>	OM PIMESPO
24	A	64	17	13,3	17	36,5	183	V	<a href="#">135TA1896</a>	OM PIMESPO
24	A	67	20	12	16	40	155	V	<a href="#">105TA5799</a>	TOYOTA
24	A	67	20	12	16	40	155	V	<a href="#">128TA3548</a>	TOYOTA
24	A	67	20,5	12,5	16	40	155	V	<a href="#">103TA3709</a>	TOYOTA
24	A	68	16	20	16	68	190	V	<a href="#">135TA1905</a>	KOMATSU
24	A	69,3	26,8	12	11		170	V	<a href="#">117TA8570</a>	KALMAR
24	A	70	13	24	16	76	225	V	<a href="#">135TA1909</a>	TCM
24	A	70	16	15,5	16	77	195	V	<a href="#">105TA5756</a>	TCM
24	A	70	16	16	16	76,5	196	V	<a href="#">107TA9465</a>	TCM
24	A	70	16	16,5	16	96	225	V	<a href="#">107TA9487</a>	TCM
24	A	70	16,3	16,3	15,7	78	213	V	<a href="#">136TA3853</a>	TCM
24	A	70,5	12	14	16	92,5	170	V	<a href="#">105TA5623</a>	KOMATSU
24	A	70,5	15,5	16,3	16,5	78,5	190		<a href="#">105TA5605</a>	KOMATSU
24	A	70,5	15,7	16,1	15,8	78,8	190	V	<a href="#">128TA3862</a>	KOMATSU
24	A	70,5	16	15,8	16,1	78	188,5	V	<a href="#">128TA3876</a>	KOMATSU
24	A	70,5	16	16	16	61,5	190	V	<a href="#">103TA3730</a>	KOMATSU
24	A	70,5	16	16	16	75	196		<a href="#">105TA5890</a>	TCM
24	A	70,5	16	16	16	75,5	224	V	<a href="#">135TA1758</a>	TCM
24	A	70,5	16	16	16	76	190	V	<a href="#">105TA5765</a>	TCM
24	A	70,5	16	16	16	76	190	V	<a href="#">105TA5755</a>	TCM
24	A	70,5	16	16	16	76	212	V	<a href="#">107TA9485</a>	TCM
24	A	70,5	16	16	16	88,6	190	V	<a href="#">105TA5607</a>	KOMATSU

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voltage (volt)	type	dimension (mm) X	dimension (mm) L1	dimension (mm) L2	dimension (mm) L3	dimension (mm) Y	dimension (mm) C	regulator REG	reference new	for picture see make
24	A	70,5	16	16	16	92,5	191		<a href="#">105TA5608</a>	KOMATSU
24	A	70,5	16	16,5	15	60,5	190	V	<a href="#">105TA5603</a>	KOMATSU
24	A	70,5	16,5	16	16,5	59	190	V	<a href="#">105TA5624</a>	KOMATSU
24	A	71	12	14	16	63,5	170	V	<a href="#">105TA5604</a>	KOMATSU
24	A	72	12	12	16	83	170	V	<a href="#">116TA7284</a>	TCM
24	A	75,5	12,2	12,3	12	48	168		<a href="#">107TA9505</a>	TOYOTA
24	A	75,5	15	12,5	15	45	170	V	<a href="#">107TA9553</a>	TOYOTA
24	A	75,8	12	11,4	12	49,3	168		<a href="#">128TA3699</a>	TOYOTA
24	A	76	12	12	12,5	47,5	167		<a href="#">105TA5808</a>	TOYOTA
24	A	78,5	13	16,5	13	55	175	V	<a href="#">136TA3872</a>	TCM
24	A	80	13	12,5	13	55,5	174	V	<a href="#">135TA1697</a>	YALE
24	A	80	13	13	13	38	175	V	<a href="#">124TA6716</a>	NISSAN
24	A	80	13	13	13	45,5	155		<a href="#">135TA1721</a>	NISSAN
24	A	80	13	13	13	54	155		<a href="#">128TA3471</a>	TCM
24	A	80	13	13	13	56,5	175	V	<a href="#">128TA3873</a>	NISSAN
24	A	80	13	13	13	57	174	V	<a href="#">103TA3625</a>	NISSAN
24	A	80	13	13	14	43	175	V	<a href="#">124TA6721</a>	MITSUBISHI-CATERPILLAR
24	A	80	13	13	14	46	174	V	<a href="#">128TA3836</a>	MITSUBISHI-CATERPILLAR
24	A	80	13	13	14	67,5	191	V	<a href="#">105TA5513</a>	MITSUBISHI-CATERPILLAR
24	A	80	13	18	14	55	190	V	<a href="#">135TA1906</a>	TCM
24	A	80	13	18	14	74	190	V	<a href="#">135TA1895</a>	MITSUBISHI-CATERPILLAR
24	A	80	13,5	13	13	42,5	156	V	<a href="#">107TA9501</a>	TCM
24	A	80	14	13	14	44	175	V	<a href="#">124TA6632</a>	MITSUBISHI-CATERPILLAR
24	A	80	14	14	14	60	175	V	<a href="#">128TA3627</a>	MITSUBISHI-CATERPILLAR
24	A	80	14	14	14	61	190	V	<a href="#">135TA1950</a>	MITSUBISHI-CATERPILLAR
24	A	80	14,5	13	14,5	38	155	V	<a href="#">128TA3926</a>	KOMATSU
24	A	80,1	13	16	14	61,5	190	V	<a href="#">116TA7380</a>	MITSUBISHI-CATERPILLAR
24	A	80,3	13	13	13	56	175		<a href="#">116TA7389</a>	NISSAN
24	A	80,3	13	13	13	57	175	V	<a href="#">124TA6711</a>	NISSAN
24	A	80,4	13	12,8	14,5	45	175	V	<a href="#">124TA6726</a>	HYUNDAI
24	A	80,5	13	11,7	13,3	56,4	175	V	<a href="#">124TA6731</a>	NISSAN
24	A	80,5	13	13	12	62	174		<a href="#">107TA9546</a>	MITSUBISHI-CATERPILLAR
24	A	80,5	13	16	14	63	190	V	<a href="#">116TA7390</a>	MITSUBISHI-CATERPILLAR
24	A	80,5	14,2	13,9	14,2	72	176	V	<a href="#">136TA3801</a>	MITSUBISHI-CATERPILLAR
24	A	80,5	14,8	13	14,6	37,5	155	V	<a href="#">105TA5766</a>	TCM
24	A	80,6	13	15,6	14	64	188	V	<a href="#">135TA1804</a>	NISSAN
24	A	80,7	13,2	16	14	62	190	V	<a href="#">124TA6690</a>	MITSUBISHI-CATERPILLAR
24	A	80,8	18,1	13	18,2	43	190	V	<a href="#">103TA3733</a>	HYUNDAI
24	A	81	13	13	14,5	44,5	175	V	<a href="#">124TA6575</a>	NISSAN
24	A	81	14	13,5	14	52	162,5	V	<a href="#">135TA2468</a>	CLARK-SAMSUNG
24	A	81	14	16,5	13,5	56	175	V	<a href="#">135TA1927</a>	NISSAN
24	A	81	14,5	13	14,5	38	155	V	<a href="#">116TA7378</a>	KOMATSU
24	A	81	14,5	13	14,5	44	155	V	<a href="#">128TA3456</a>	MITSUBISHI-CATERPILLAR
24	A	81,5	13,5	13	14,2	44	189	V	<a href="#">116TA7340</a>	NISSAN
24	A	82	13	13	13	46,5	155	V	<a href="#">116TA7277</a>	TCM

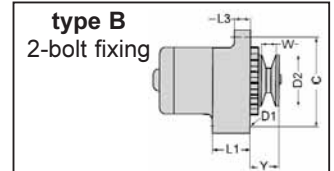
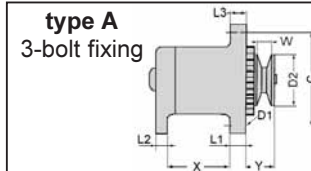
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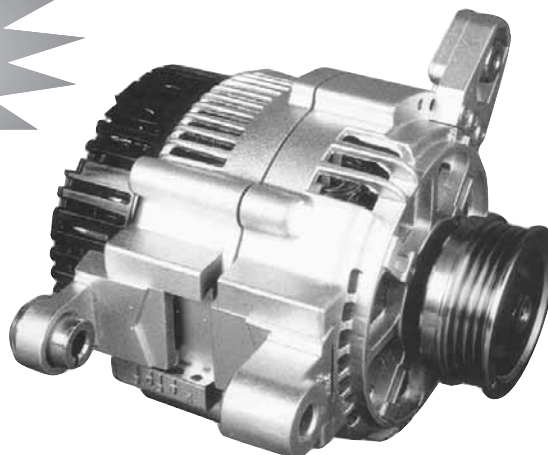
voltage (volt)	type	dimension (mm) X	dimension (mm) L1	dimension (mm) L2	dimension (mm) L3	dimension (mm) Y	dimension (mm) C	regulator REG	reference new	for picture see make
24	A	82	13	13	13	54,5	175	V	<a href="#">128TA3900</a>	HYUNDAI
24	A	82	13	13	13	56	176	V	<a href="#">128TA3854</a>	NISSAN
24	A	82	14	14	14		159,6	V	<a href="#">135TA1792</a>	YALE
24	A	82,2	13	13	13	43	158,5	V	<a href="#">107TA9498</a>	KOMATSU
24	A	82,6	16,2	16	18,5	60,2	235	V	<a href="#">105TA5627</a>	KOMATSU
24	A	83,5	14	15	14		150		<a href="#">128TA3861</a>	KALMAR
24	A	83,5	14,5	15	14		148	V	<a href="#">135TA1870</a>	LINDE-LANSING
24	A	84	14	20	14,5		149	V	<a href="#">136TA3867</a>	KALMAR
24	A	86	14	14	14	68	220	V	<a href="#">103TA3791</a>	TOYOTA
24	A	86	14	14	14,2	67,5	222	V	<a href="#">128TA3687</a>	TCM
24	A	90	16	16	18,5	60	235	V	<a href="#">116TA7313</a>	NISSAN
24	A	90,3	15,8	16	18,4	80	234	V	<a href="#">105TA5629</a>	KOMATSU
24	A	90,3	24	16	24	121	233		<a href="#">105TA5628</a>	KOMATSU
24	A	90,5	16	16	18,5	80	235	V	<a href="#">105TA5630</a>	KOMATSU
24	A	90,5	16,5	16	18,5	61	235		<a href="#">128TA3906</a>	KOMATSU
24	A	96	14	14	14,2	48	175	V	<a href="#">110TA9055</a>	YALE
24	A	98	13	13	12,5	57	175	V	<a href="#">136TA3820</a>	mitsubishi-caterpillar
24	A	98	14	15,5	14	62	172	V	<a href="#">128TA3874</a>	mitsubishi-caterpillar
24	A	98,3	12,8	13	12,8	44	175	V	<a href="#">136TA3804</a>	OM PIMESPO
24	A	98,3	13	12,5	12,6	47	175	V	<a href="#">116TA7392</a>	mitsubishi-caterpillar
24	A	98,5	14	15,4	14	61	177	V	<a href="#">107TA9424</a>	mitsubishi-caterpillar
24	A	100,5	14,7	13	14,3		210	V	<a href="#">128TA3928</a>	LINDE-LANSING
24	A	101	14	13,5	14		198	V	<a href="#">124TA6704</a>	YALE
24	A	101	14	13,5	14		198	V	<a href="#">136TA3835</a>	YALE
24	A	101	14	14	14		197	V	<a href="#">124TA6616</a>	mitsubishi-caterpillar
24	A	101	14,5	13,3	15		210	V	<a href="#">128TA3842</a>	CLARK-SAMSUNG
24	A	101	14,5	14	14		198	V	<a href="#">136TA3864</a>	JCB
24	A	101,2	13,8	14	13,6	59	198,3	V	<a href="#">107TA9423</a>	mitsubishi-caterpillar
24	A	101,4	14	14	14		197		<a href="#">135TA1944</a>	mitsubishi-caterpillar
24	A	101,5	13,5	13,5	13,5		196	V	<a href="#">136TA3863</a>	mitsubishi-caterpillar
24	A	101,5	14	14	14		198,5	V	<a href="#">135TA1949</a>	HYSTER
24	A	101,5	14,5	13,5	14		199	V	<a href="#">124TA6614</a>	mitsubishi-caterpillar
24	A	101,5	14,5	13,5	14,5		197	V	<a href="#">128TA3817</a>	HYUNDAI
24	A	101,5	15	14	15		197	V	<a href="#">116TA7324</a>	HYUNDAI
24	A	102	14	14	14		197	V	<a href="#">136TA3833</a>	SVE TRUCK
24	A	102	14	14	14		198		<a href="#">105TA5519</a>	mitsubishi-caterpillar
24	A	102	14	14	14		198	V	<a href="#">135TA1933</a>	KOMATSU
24	A	102	15	16	15		196	V	<a href="#">105TA5518</a>	mitsubishi-caterpillar
24	A	102,6	16	16	16	61,6	200	V	<a href="#">105TA5625</a>	KOMATSU
24	A	103	16	15	16	74	200	V	<a href="#">124TA6633</a>	KOMATSU
24	A	103,8	14,5	14	14,5		198	V	<a href="#">135TA1842</a>	SVE TRUCK
24	A	105,4	14	15,2	14	79	174	V	<a href="#">105TA5793</a>	TOYOTA
24	A	105,5	14	15	14	48	177		<a href="#">103TA3790</a>	TOYOTA
24	A	105,5	14	15	14	64,5	174		<a href="#">103TA3752</a>	TOYOTA
24	A	105,5	14	15	14	78	175	V	<a href="#">128TA3888</a>	TOYOTA







**Universal alternator !**



## ASSEMBLY INSTRUCTIONS

- 1 Study old alternator; pulley in front of you and motor fastening plate in downward position.  
With the help of a set of opened wedges, determine the angle formed by the strainer fastening plate and the support fastening plate.

Choose the strainer fastening plate (SUP) between the 5 possibilities.  
Position it.

- 2 Take the pulley that seems to be the most appropriate (if belt poly V3 or 5 grooves, choose 4 or 6 grooves).  
For option: the fan must be installed before the pulley.  
Turn over the two alternators, pulley facing down. With the wedge washers from bag 2, level on the strainer plate side, the two upper fastening plates. If impossible change pulley.

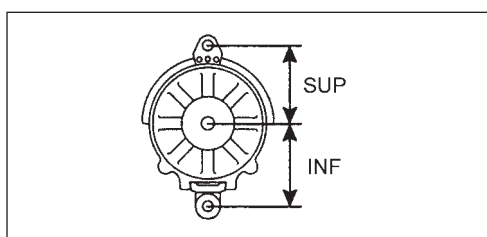
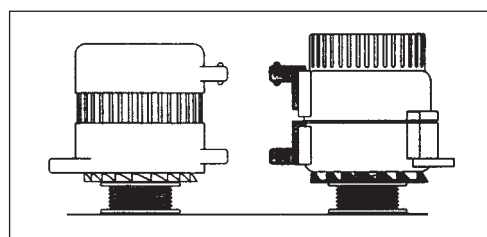
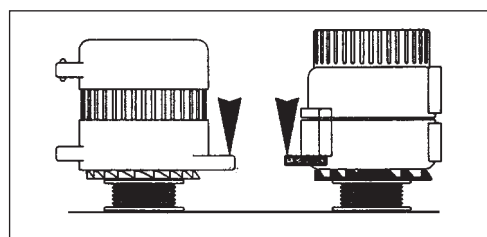
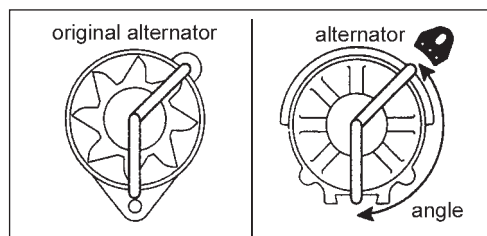
- 3 Select one or more lower fastening plates (INF); add the split rings and other parts.

Give a half turn to the alternators and adjust the fastening plates INF in order to obtain a matching assembly.  
Fasten tight.

- 4 Fasten pulley with a pneumatic pistol.

Note: the in-between axis of the fastening plates; respect the fastening plates pairs with the help of their color marks.

INF 1-3-4-5-9	: 85 mm
INF 2-6-7-8-10	: 90 mm
SUP 5	: 85 mm
SUP 4	: 90 mm



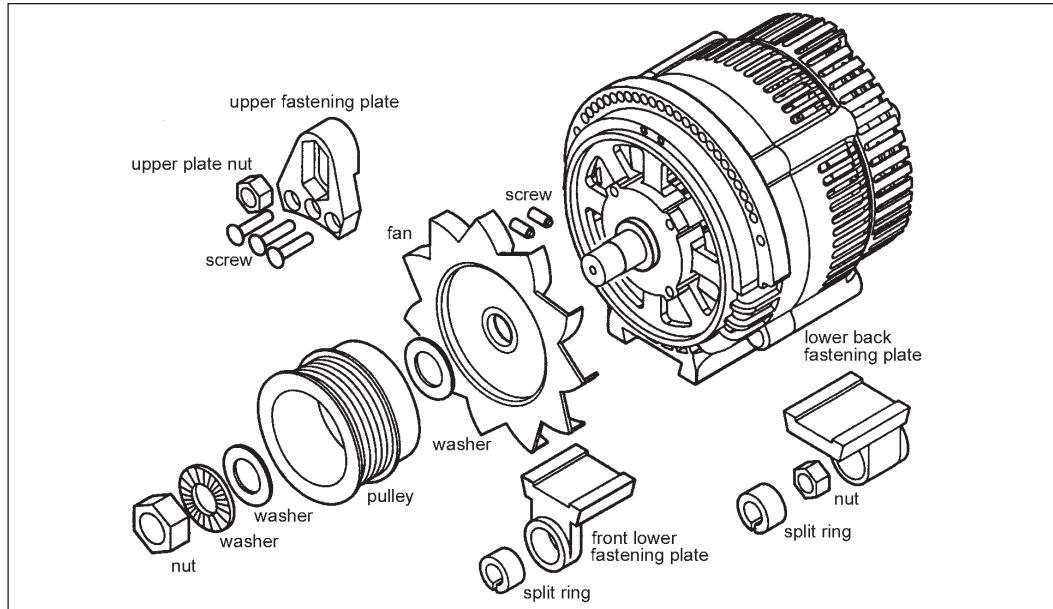
**Every truck engineer needs one !!!**



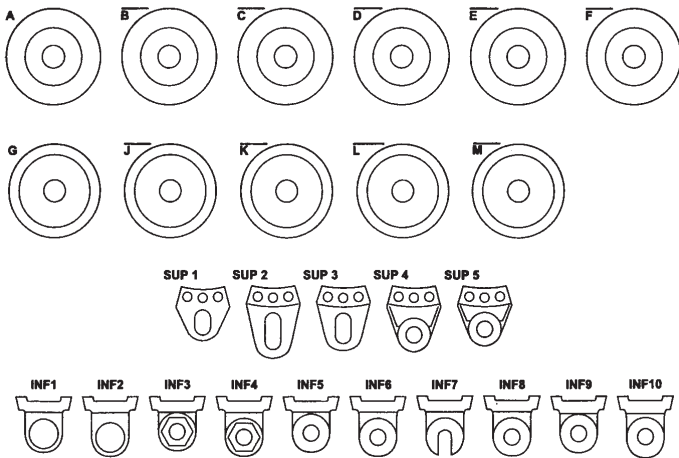
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UNIVERSAL ALTERNATOR



## universal alternator



## Japanese connectors\*

connector seen from the back of the alternator

L : electric wire to be connected, isolate the remaining original connector  
P : connect to W

\*for other connectors, please contact your distributor

 DAIHATSU, KOMATSU, KUBOTA, SUBARU, SUZUKI	 HYUNDAI, MAZDA, MITSUBISHI	 NISSAN, SUBARU	 HYUNDAI, KIA, MAZDA, NISSAN, MITSUBISHI, SUBARU	 SUZUKI
 NISSAN	 TOYOTA	 TOYOTA	 S IG TOYOTA	 ISUZU
 ISUZU	 ISUZU	 SUBARU, MAZDA, NISSAN, MITSUBISHI, HYUNDAI	 TOYOTA	 NISSAN
 ISUZU, TOYOTA	 NISSAN	 SUBARU	 MAZDA	
 SUBARU	 SUZUKI, HONDA, ISUZU, TOYOTA	 HONDA, ISUZU	 SUZUKI, HONDA, ISUZU	



Reference	Description	Reference	Description
REF <a href="#">106TA9022</a>	Complete kit	REF <a href="#">106TA9039</a>	pulley a
REF <a href="#">106TA9023</a>	alternator	REF <a href="#">106TA9040</a>	pulley b
REF <a href="#">106TA9024</a>	lower back fastening plate 1	REF <a href="#">106TA9041</a>	pulley c
REF <a href="#">106TA9025</a>	lower back fastening plate 2	REF <a href="#">106TA9042</a>	pulley d
REF <a href="#">106TA9026</a>	lower back fastening plate 3	REF <a href="#">106TA9043</a>	pulley e
REF <a href="#">106TA9027</a>	lower back fastening plate 4	REF <a href="#">106TA9044</a>	pulley f
REF <a href="#">106TA9028</a>	lower back fastening plate 5	REF <a href="#">106TA9045</a>	pulley g
REF <a href="#">106TA9029</a>	lower back fastening plate 6	REF <a href="#">106TA9046</a>	pulley h
REF <a href="#">106TA9030</a>	lower back fastening plate 7	REF <a href="#">106TA9047</a>	pulley i
REF <a href="#">106TA9031</a>	lower back fastening plate 8	REF <a href="#">106TA9048</a>	pulley j
REF <a href="#">106TA9032</a>	lower back fastening plate 9	REF <a href="#">106TA9049</a>	pulley k
REF <a href="#">106TA9033</a>	lower back fastening plate 10	REF <a href="#">106TA9050</a>	pulley l
REF <a href="#">106TA9034</a>	upper fastening plate 1	REF <a href="#">106TA9051</a>	pulley m
REF <a href="#">106TA9035</a>	upper fastening plate 2	REF <a href="#">106TA9052</a>	ventilator
REF <a href="#">106TA9036</a>	upper fastening plate 3		
REF <a href="#">106TA9037</a>	upper fastening plate 4		
REF <a href="#">106TA9038</a>	upper fastening plate 5		

**SOLE DISTRIBUTOR !!**

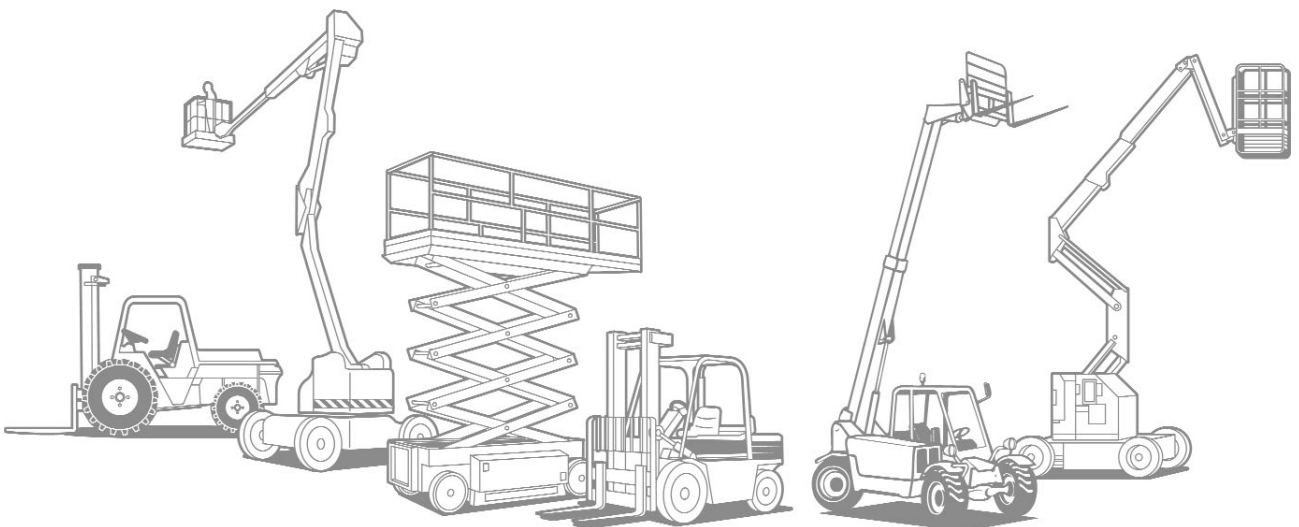






## ***TOTAL SOURCE***<sup>®</sup>

# Part: 3 RING GEARS

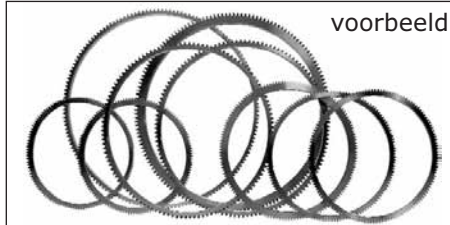




## Technische fiche STARTERKRANS

01-03-08-00

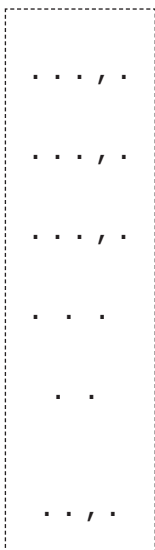
gegevens klant:



Type machine:  
Serie nr. machine:

prijsaanvraag  
 bestelling

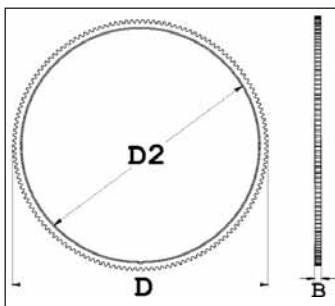
Code: D x D2 x B x AT-TA x TY-TA x HA



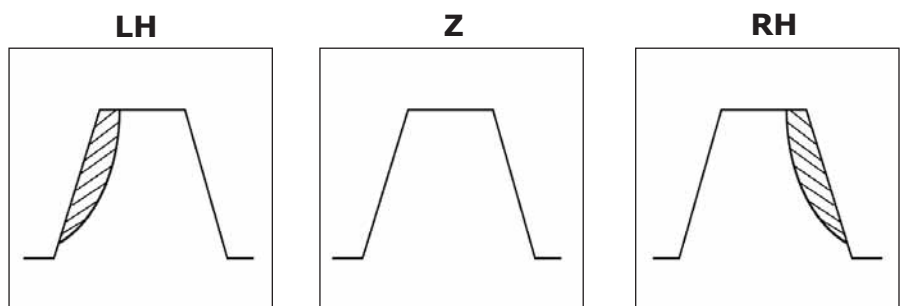
- ..... D..... uitwendige diameter tandkrans (mm)
- ..... D2..... inwendige diameter tandkrans (mm)
- ..... B..... dikte tandkrans (mm)
- ..... AT-TA..... aantal tanden tandkrans
- ..... TY-TA..... afschuining tanden, zie figuur    LH = links  
RH = rechts  
Z = zonder
- ..... HA..... hardheid



### afmetingen :



### afschuining tanden :

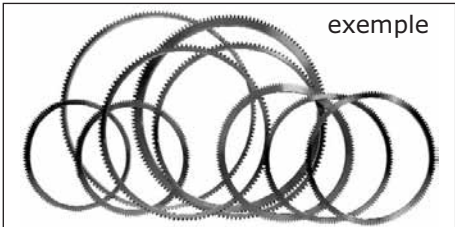




## Fiche technique COURONNE DE DEMARREUR

**01-03-08-00**

nom de votre société:



Type machine:   
 No. série machine:

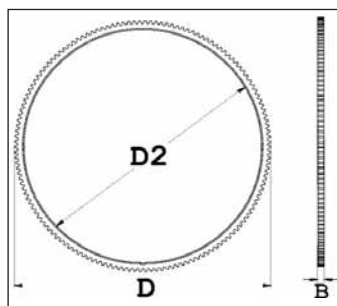
demande de prix  
 commande

Code: D x D2 x B x AT-TA x TY-TA x HA

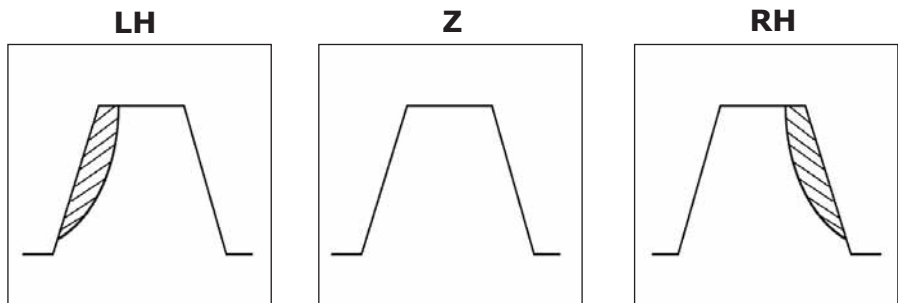
. . . , .	D. . . . .	diamètre extérieur couronne (mm)	
. . . , .	D2. . . . .	diamètre intérieur (mm)	
. . . , .	B. . . . .	épaisseur (mm) (uniquement la couronne)	
. . . .	AT-TA . . . . .	nombre de dents	
. . . .	TY-TA . . . . .	direction des dents, voir figure	LH = gauche RH = droite Z = sans
. . . , .	HA. . . . .	dureté	



### dimensions :



### direction des dents :



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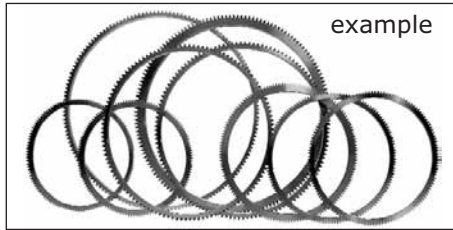


## Technical detail

## RING GEARS

**01-03-08-00**

Customer detail:



example

Truck type:  
Truck serial no.:

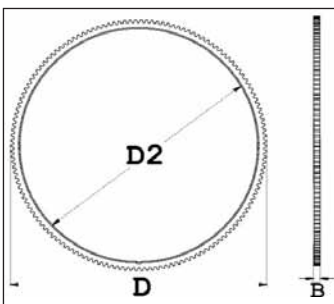
inquiry  
 order

Code: D x D2 x B x AT-TA x TY-TA x HA

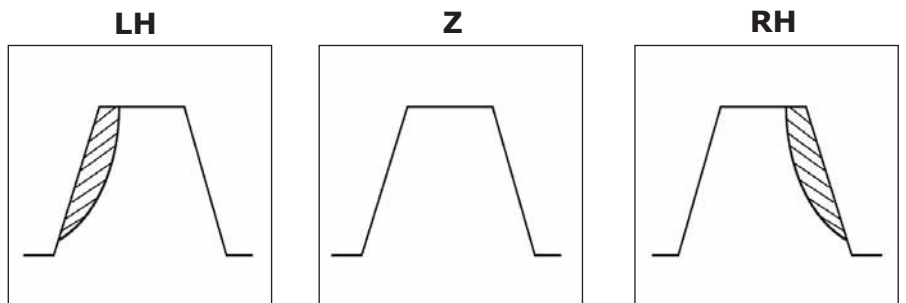
- . . . , . D . . . . . outer diameter ring gear or flywheel (mm)
- . . . , . D2 . . . . . inner diameter ring gear (mm)
- . . . , . B . . . . . thickness of ring gear (mm)
- . . . . . AT-TA . . . . . quantity of teeth
- . . . . . TY-TA . . . . . direction of teeth, see diagram LH = left  
RH = right  
Z = none
- . . . , . HA . . . . . hardness



### dimensions :



### direction of teeth :



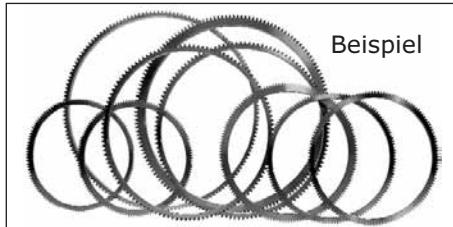


## Technische Daten STARTERKRANZ

RING GEARS

**01-03-08-00**

Daten Kunde:



Maschine Typ:   
 Maschine Seriennr:

Preisanfrage  
 Bestellung

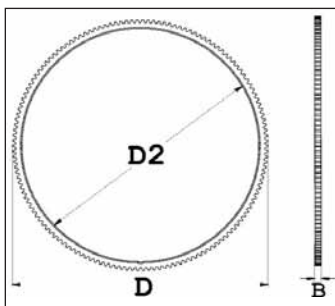
Kode: D x D2 x B x AT-TA x TY-TA x HA

- . . . , . D. . . . . Außendurchmesser Zahnkranz (Mm)
- . . . , . D2. . . . . Innendurchmesser Zahnkranz (Mm)
- . . . , . B. . . . . Stärke Zahnkranz (Mm)
- . . . AT-TA . . . . . Zähnezahl Zahnkranz
- . . . TY-TA . . . . . Zählerichtung, siehe Bilde
- . . . , . HA. . . . . Härte

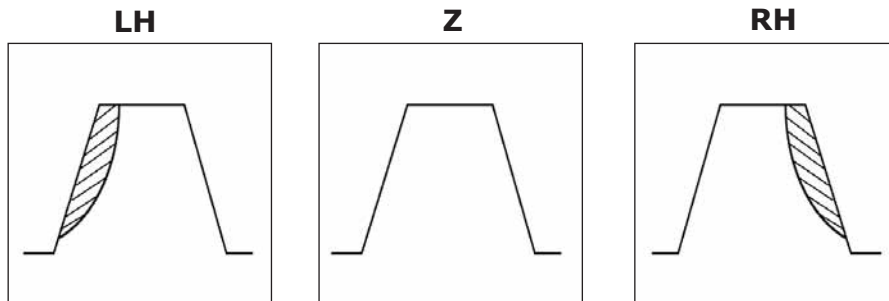
LH = links  
 RH = rechts  
 Z = ohne



### Abmessungen :



### Zählerichtung :



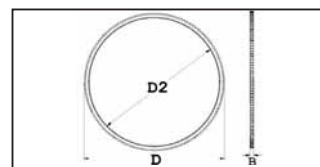


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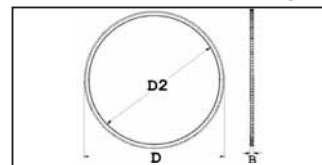
quantity of teeth AT-TA	thickness (mm) B	inner diameter (mm) D2	outer diameter (mm) D	engine make	reference
80	8	228	259		<a href="#">103TA2414</a>
82	10	226	250		<a href="#">103TA2409</a>
82	17	226	250		<a href="#">103TA2410</a>
86	8	185,5	220,5	KUBOTA	<a href="#">136TA8282</a>
88	9,5	257	284		<a href="#">103TA2435</a>
89	13,8	238	273		<a href="#">136TA4090</a>
90	8	190	232		<a href="#">103TA2403</a>
90	8	190	233		<a href="#">103TA2404</a>
90	19	355	386		<a href="#">103TA2574</a>
92	15	245	286	HANOMAG	<a href="#">124TA2974</a>
93	13	263	300		<a href="#">103TA2456</a>
93	19	355	399		<a href="#">103TA2598</a>
94	15	266,5	300		<a href="#">103TA2457</a>
94	16	266,5	302,5		<a href="#">136TA4092</a>
96	9,5	279	339	CONTINENTAL	<a href="#">136TA4054</a>
96	12	286	310		<a href="#">136TA8213</a>
96	17	285	308	CONTINENTAL	<a href="#">136TA8212</a>
97	11,8	270	296,3		<a href="#">124TA3401</a>
98	8	218	251		<a href="#">136TA8292</a>
98	8	218	251	KUBOTA	<a href="#">136TA4042</a>
98	8	234	257	MAZDA	<a href="#">136TA8201</a>
98	15	270	299		<a href="#">103TA2454</a>
99	12,5	274	303	NISSAN	<a href="#">124TA3004</a>
100	15,8	294	322	LANDROVER	<a href="#">103TA2644</a>
101	13	270	309		<a href="#">136TA8277</a>
102	12	297	328	PEUGEOT	<a href="#">136TA4048</a>
102	14	274	328		<a href="#">103TA2482</a>
102	15,2	281	310	ISUZU	<a href="#">124TA3010</a>
103	11,9	307	331	CONTINENTAL	<a href="#">124TA3035</a>
103	12	283	314,3	NISSAN	<a href="#">124TA2902</a>
103	12	307	332		<a href="#">103TA2491</a>
103	15,2	275	312		<a href="#">124TA7150</a>
103	15,3	285	313	DEUTZ	<a href="#">136TA4109</a>
104	12	285	318		<a href="#">136TA8279</a>
104	13	233	266		<a href="#">103TA2421</a>
104	13	309	332		<a href="#">103TA2492</a>
104	13	311	335		<a href="#">103TA2500</a>
104	16	307	335	PERKINS	<a href="#">136TA4052</a>
105	8	228	261		<a href="#">103TA2418</a>
105	9	236	270		<a href="#">103TA2422</a>
105	10	218	263		<a href="#">103TA2419</a>
105	10	240	270	NISSAN	<a href="#">136TA4043</a>
105	10	240	271		<a href="#">136TA4123</a>
105	13	230	260	ZETOR	<a href="#">124TA2947</a>
105	15	227	261		<a href="#">103TA2417</a>

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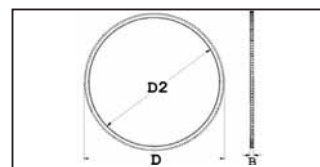
quantity of teeth AT-TA	thickness (mm) B	inner diameter (mm) D2	outer diameter (mm) D	engine make	reference
105	15	288	318	TOYOTA	<a href="#">136TA4047</a>
106	9	239	272		<a href="#">103TA2424</a>
106	14	310	341	RENAULT	<a href="#">136TA8225</a>
107	13	242	274		<a href="#">103TA2426</a>
107	14	304	344		<a href="#">103TA2514</a>
108	8	240	273		<a href="#">136TA4120</a>
108	9	270	301,5		<a href="#">124TA3377</a>
108	11	295,5	329		<a href="#">136TA4105</a>
108	12,4	320,6	349,8	FORD	<a href="#">106TA7000</a>
108	13,1	300	331	TOYOTA	<a href="#">136TA8216</a>
108	15	249	278	NISSAN	<a href="#">108TA5150</a>
108	15,3	270	301,5	ISUZU	<a href="#">124TA2891</a>
108	20	279	331	TOYOTA	<a href="#">136TA4049</a>
109	9,2	323	351	CONTINENTAL	<a href="#">136TA4058</a>
109	10	234	277,5		<a href="#">136TA8265</a>
109	10	234	278	PERKINS	<a href="#">136TA4044</a>
110	9,8	245	281	MITSUBISHI	<a href="#">136TA8203</a>
110	9,8	245	281		<a href="#">124TA2955</a>
110	11,2	305	334	KOMATSU	<a href="#">136TA8260</a>
110	12	254,5	284		<a href="#">136TA4102</a>
110	12	255	285	PEUGEOT	<a href="#">124TA2973</a>
110	12	257	284	PEUGEOT	<a href="#">136TA8205</a>
110	12	306	334	FIAT SOFIM	<a href="#">136TA8218</a>
110	12	324	352	PEUGEOT	<a href="#">124TA3132</a>
110	13	250	279		<a href="#">103TA2429</a>
110	15	293	335	FIAT	<a href="#">136TA8219</a>
110	15	293	335		<a href="#">136TA4122</a>
110	15	304	337	MITSUBISHI	<a href="#">136TA8222</a>
110	15,1	285	337	MITSUBISHI	<a href="#">124TA3076</a>
110	15,3	304,5	335,4		<a href="#">136TA4095</a>
110	16	305	334	KOMATSU	<a href="#">124TA3394</a>
110	16	325	354	INTERNATIONAL	<a href="#">124TA3133</a>
110	16,2	305	335		<a href="#">136TA8271</a>
111	9,1	330	357,5		<a href="#">136TA4084</a>
111	17,5	331	356,5	ALLIS CHALMERS	<a href="#">136TA8261</a>
111	19	336	361		<a href="#">103TA2546</a>
112	9	254	282		<a href="#">103TA2432</a>
112	9	255	288		<a href="#">103TA2443</a>
112	9,4	333	360	CONTINENTAL	<a href="#">136TA8230</a>
112	13,5	330	360	CONTINENTAL	<a href="#">136TA8229</a>
112	14	332	359		<a href="#">103TA2536</a>
112	14	333	360	CONTINENTAL	<a href="#">136TA8231</a>
112	15,3	280	314	ISUZU	<a href="#">124TA3016</a>
112	16	329,5	360,5		<a href="#">136TA4098</a>
112	17,6	333	360	PERKINS	<a href="#">136TA8232</a>

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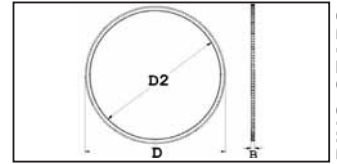
quantity of teeth AT-TA	thickness (mm) B	inner diameter (mm) D2	outer diameter (mm) D	engine make	reference
112	19	333	358		<a href="#">103TA2535</a>
112	19	334	360		<a href="#">103TA2544</a>
113	12,1	315	345	NISSAN	<a href="#">136TA8227</a>
113	15	312	345	MITSUBISHI	<a href="#">124TA3098</a>
114	9	289	319	ISUZU	<a href="#">136TA8214</a>
114	12	263,7	293		<a href="#">116TA7416</a>
114	14	316	350	YANMAR	<a href="#">124TA3335</a>
114	15	316	348,5		<a href="#">136TA4108</a>
114	18	310	348	NISSAN	<a href="#">108TA5142</a>
114	18,5	210	248		<a href="#">103TA2637</a>
114	19	308	348	MITSUBISHI	<a href="#">136TA4056</a>
114	28	297,5	365		<a href="#">136TA4081</a>
115	9	264,7	295		<a href="#">136TA4085</a>
115	9,3	260	294,8	TOYOTA	<a href="#">124TA2985</a>
115	12	222	247		<a href="#">103TA2408</a>
115	12	262	294	NISSAN	<a href="#">124TA2992</a>
115	16	325	357		<a href="#">103TA2532</a>
115	16,2	316	350	MWM	<a href="#">106TA7011</a>
115	17	341	369,7		<a href="#">136TA8264</a>
116	10	251	292		<a href="#">103TA2445</a>
116	12	276	299		<a href="#">103TA2455</a>
117	8	221	247	RENAULT	<a href="#">136TA4041</a>
117	9	270	301		<a href="#">103TA2459</a>
117	12,5	348	376	FORD PERKINS GM	<a href="#">136TA8240</a>
117	15,1	285	326	TOYOTA	<a href="#">124TA3026</a>
117	15,4	269	303	ISUZU	<a href="#">124TA3002</a>
117	16	267	299		<a href="#">103TA2451</a>
117	16,2	325	358	INTERNATIONAL	<a href="#">124TA3136</a>
117	17,4	345	370		<a href="#">136TA8280</a>
117	17,5	347	376	CATERPILLAR	<a href="#">136TA4113</a>
119	18	324,7	363	INTERNATIONAL	<a href="#">124TA3334</a>
120	9,8	270	306	NISSAN MITSUBISHI	<a href="#">136TA4115</a>
120	11	278	305		<a href="#">124TA3396</a>
120	12	274	306	NISSAN	<a href="#">124TA3005</a>
120	15,5	332	362,2		<a href="#">136TA4110</a>
120	20	304	365	ZETOR	<a href="#">124TA3162</a>
121	9,5	232	262	RENAULT	<a href="#">136TA8254</a>
121	15,1	305	338	TOYOTA	<a href="#">136TA8223</a>
121	16	334	368,6		<a href="#">116TA7407</a>
122	8	227	257	RENAULT	<a href="#">124TA2943</a>
122	8,5	274	314		<a href="#">103TA2472</a>
122	9	281	312	MAZDA	<a href="#">124TA3012</a>
122	13,1	281	314	ISUZU	<a href="#">124TA3018</a>
122	14	334	372		<a href="#">136TA8262</a>
122	14,1	334	372	MITSUBISHI	<a href="#">136TA4111</a>

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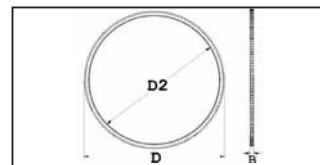
quantity of teeth AT-TA	thickness (mm) B	inner diameter (mm) D2	outer diameter (mm) D	engine make	reference
122	15	338	370	mitsubishi	<a href="#">136TA8237</a>
122	16	290	313,5		<a href="#">119TA8972</a>
122	16	367	392		<a href="#">103TA2584</a>
122	17,5	330	393	PERKINS	<a href="#">124TA3249</a>
122	17,5	364	391	PERKINS	<a href="#">136TA8242</a>
122	17,7	330	392		<a href="#">136TA4082</a>
123	9,7	286	311,8		<a href="#">136TA4086</a>
123	11	233	260		<a href="#">103TA2416</a>
123	16	320	374		<a href="#">108TA5151</a>
124	9,5	231	261,5	RENAULT	<a href="#">136TA8258</a>
124	13	287	320		<a href="#">103TA2479</a>
124	13	371	399	CONTINENTAL	<a href="#">136TA4075</a>
125	9	284	319	TOYOTA	<a href="#">124TA3022</a>
125	12	317	356		<a href="#">103TA2527</a>
125	16	335	380	MERCEDES	<a href="#">106TA7001</a>
125	18,2	356	401,7		<a href="#">136TA4100</a>
125	21,5	335	380	MERCEDES	<a href="#">124TA3206</a>
125	25	349	381	MERCEDES	<a href="#">124TA3208</a>
126	9,8	279	321	PERKINS	<a href="#">136TA8252</a>
126	10	279	321		<a href="#">136TA8293</a>
126	12	317	351	ISUZU	<a href="#">136TA8228</a>
126	14	372	404	CONTINENTAL	<a href="#">136TA8247</a>
126	15	369	404	HERCULES	<a href="#">136TA8246</a>
126	15,5	354	384	DEUTZ	<a href="#">124TA3210</a>
126	17,5	375,5	404	MAZDA	<a href="#">136TA8263</a>
126	17,5	377	404	PERKINS	<a href="#">136TA8248</a>
126	19	371	404	CONTINENTAL	<a href="#">136TA4065</a>
126	20	320	385		<a href="#">103TA2571</a>
127	9	247	271	FIAT	<a href="#">108TA5147</a>
127	12	247	272	FIAT	<a href="#">136TA8202</a>
127	14,1	296,5	327,5		<a href="#">136TA8273</a>
127	16	384	408		<a href="#">136TA4103</a>
127	17	355	385	KOMATSU	<a href="#">124TA3214</a>
127	18	355	387		<a href="#">124TA2936</a>
127	19	339	385,5	TOYOTA	<a href="#">124TA3212</a>
127	20	351,8	387	mitsubishi	<a href="#">136TA4112</a>
127	20	352	387	mitsubishi	<a href="#">136TA4061</a>
127	25	339	386	TOYOTA	<a href="#">124TA3217</a>
128	15,8	371	408		<a href="#">136TA4096</a>
128	16	358	411	FORD	<a href="#">136TA8250</a>
128	16	370	409	FORD	<a href="#">136TA8249</a>
129	10	279	328,5	mitsubishi	<a href="#">124TA3340</a>
129	11	285,2	328	mitsubishi	<a href="#">124TA3384</a>
129	15,5	364	392		<a href="#">103TA2582</a>
129	15,5	365	392	DEUTZ	<a href="#">136TA8286</a>

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quantity of teeth AT-TA	thickness (mm) B	inner diameter (mm) D2	outer diameter (mm) D	engine make	reference
129	15,6	364,5	391,5		<a href="#">136TA4097</a>
129	16	365	393	DEUTZ	<a href="#">124TA3266</a>
129	16,2	358,5	393		<a href="#">116TA7415</a>
129	18	357	393	INTERNATIONAL	<a href="#">124TA3258</a>
129	18	363	392		<a href="#">136TA4101</a>
129	18	364	393	NISSAN	<a href="#">136TA8244</a>
129	19	361	392,5	ISUZU	<a href="#">124TA3247</a>
129	20	352	393	MITSUBISHI	<a href="#">124TA3256</a>
129	22	361	392,5	ISUZU	<a href="#">124TA2905</a>
130	9,5	303	332	FORD	<a href="#">124TA3348</a>
130	12	306	335	PEUGEOT	<a href="#">136TA4051</a>
130	18	356	395	FIAT	<a href="#">136TA8256</a>
130	18	356	395	FIAT	<a href="#">136TA8245</a>
130	18,1	360	394	KOMATSU	<a href="#">124TA3271</a>
131	8,9	309	335		<a href="#">136TA4077</a>
131	19,1	364	395	KOMATSU	<a href="#">124TA3276</a>
131	22	365	399	ISUZU	<a href="#">136TA4064</a>
132	8	247	281	VOLKSWAGEN	<a href="#">136TA8204</a>
132	10	257	280,5		<a href="#">136TA8269</a>
132	10	279	336	MITSUBISHI	<a href="#">136TA8220</a>
132	10,5	310	336	MITSUBISHI	<a href="#">136TA8221</a>
132	15,4	332	371		<a href="#">136TA4117</a>
132	15,5	285	336		<a href="#">124TA2932</a>
132	17,3	393	424	PERKINS	<a href="#">124TA3326</a>
133	9	304,8	340,3		<a href="#">136TA8284</a>
133	9	305	340		<a href="#">136TA4099</a>
133	9,1	304	340	TOYOTA	<a href="#">136TA8224</a>
133	9,2	304	333,5	DEUTZ	<a href="#">124TA3039</a>
133	9,2	305	333	DEUTZ	<a href="#">136TA8217</a>
133	11,7	305	334		<a href="#">136TA8275</a>
133	16	360	404,5	VAMO	<a href="#">136TA8253</a>
133	17	372	404		<a href="#">136TA4080</a>
134	9	252	287	FIAT	<a href="#">136TA8206</a>
134	9	316,8	344,7	NISSAN	<a href="#">136TA8257</a>
134	9,4	316	344,7		<a href="#">136TA8289</a>
134	9,5	252	288		<a href="#">124TA2976</a>
134	11,9	315,7	344,8		<a href="#">136TA8270</a>
134	12	312	345	NISSAN	<a href="#">136TA8226</a>
134	15,3	376	430		<a href="#">116TA7411</a>
135	8	256	287	VOLKSWAGEN	<a href="#">136TA8207</a>
135	8	265	287	VOLKSWAGEN	<a href="#">136TA8208</a>
135	8,7	257,5	284,8		<a href="#">136TA8266</a>
135	9	261	287,4		<a href="#">136TA8281</a>
135	10	256	286,8		<a href="#">136TA8274</a>
135	12,2	260	289		<a href="#">116TA7410</a>

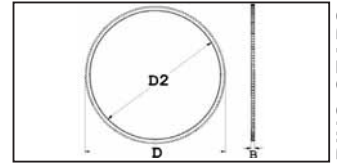


# RING GEARS

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## complete range



RING GEARS

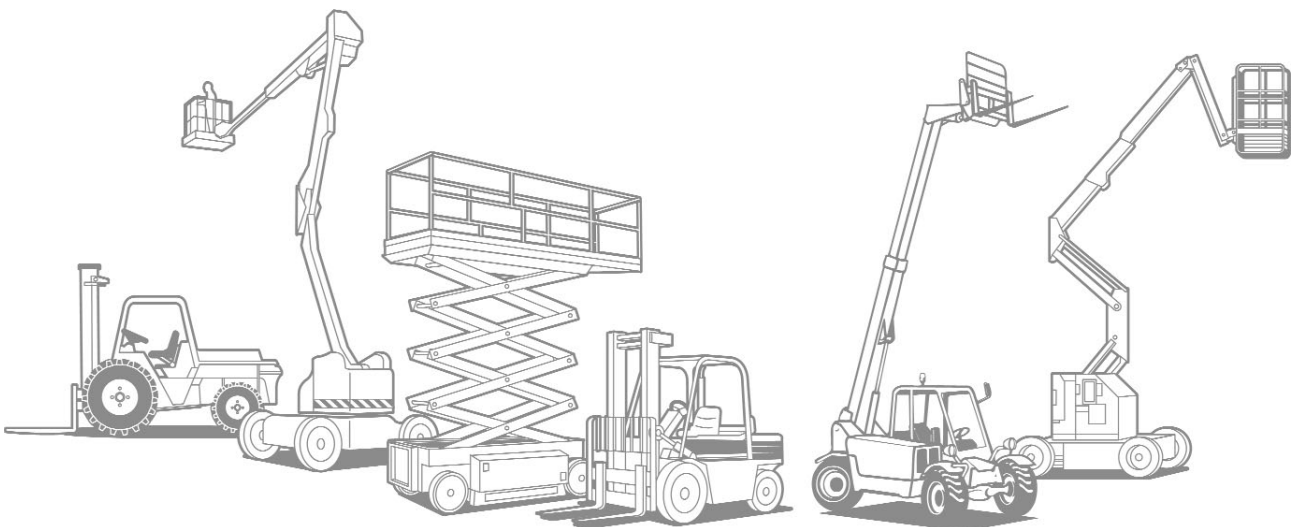
quantity of teeth AT-TA	thickness (mm) B	inner diameter (mm) D2	outer diameter (mm) D	engine make	reference
135	22,5	402	430		<a href="#">103TA2618</a>
136	10	264	290	PEUGEOT	<a href="#">124TA2983</a>
136	13	319	350	TOYOTA	<a href="#">136TA4057</a>
138	9	266	295		<a href="#">136TA8291</a>
138	9	266	296	FORD	<a href="#">136TA8209</a>
138	9	274	296	FORD	<a href="#">136TA8210</a>
138	9	325	356	MAZDA	<a href="#">136TA8255</a>
138	9	327	355,5	MAZDA	<a href="#">109TA2523</a>
138	13	324	356	KIA	<a href="#">136TA4059</a>
139	9,5	269	299	RENAULT	<a href="#">136TA8211</a>
139	13	332	356		<a href="#">103TA2531</a>
139	19	415	447		<a href="#">103TA2619</a>
139	22	457	495		<a href="#">136TA8288</a>
140	9,2	332,7	359,4	CONTINENTAL	<a href="#">136TA8259</a>
140	12	268	299	MERCEDES	<a href="#">136TA4045</a>
140	19	394	425,7	ISUZU	<a href="#">136TA4107</a>
140	22	392	425	VOLVO	<a href="#">136TA4069</a>
141	20	360	431		<a href="#">136TA8290</a>
142	9	330	365	WAUKESHA	<a href="#">136TA8234</a>
142	9	333	365	CONTINENTAL	<a href="#">136TA8235</a>
142	9	333	366		<a href="#">136TA8236</a>
142	11,6	281	302	GM	<a href="#">124TA3000</a>
142	14	330	365	CONTINENTAL	<a href="#">136TA8233</a>
143	13	328,5	363		<a href="#">124TA2928</a>
144	12	275	306,5	MERCEDES	<a href="#">136TA4070</a>
146	9	345	372		<a href="#">136TA8287</a>
146	9	345	372	CHRYSLER	<a href="#">136TA8238</a>
146	9	347	374,5	CONTINENTAL	<a href="#">136TA8239</a>
146	12	278	312		<a href="#">136TA8276</a>
146	12,5	338	370		<a href="#">103TA2555</a>
146	14	374	346		<a href="#">136TA4121</a>
146	22	390	444		<a href="#">116TA7413</a>
146	22,5	397	443		<a href="#">136TA8272</a>
147	16,5	442	473		<a href="#">103TA2621</a>
148	12	290	316,5		<a href="#">136TA4093</a>
148	12	292	317		<a href="#">136TA4598</a>
152	14	362	390		<a href="#">124TA2938</a>
153	11,3	305	326		<a href="#">124TA2898</a>
153	14	362	390	NISSAN	<a href="#">136TA8241</a>
156	9,5	310	330	FORD	<a href="#">136TA8215</a>
156	17,5	361	396		<a href="#">103TA2596</a>
156	21,8	440	477	VOLVO	<a href="#">136TA4072</a>
157	9,5	304	338		<a href="#">136TA8285</a>
157	12	297	335		<a href="#">116TA7412</a>
158	9,4	376	405,7		<a href="#">136TA4078</a>





## **TOTAL SOURCE<sup>®</sup>**

# Part: 4 FLYWHEELS

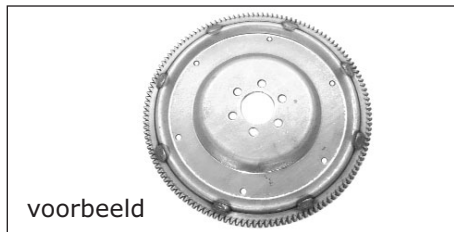




## Technische fiche VLIEGWIEL

**01-03-07-00**

gegevens klant:



voorbeeld

Type machine:

Serie nr. machine:

- prijsaanvraag  
 bestelling

CODE: D x D2 x B x H x AT-TA x TY-TA x HA x AT-GA x D3 x C

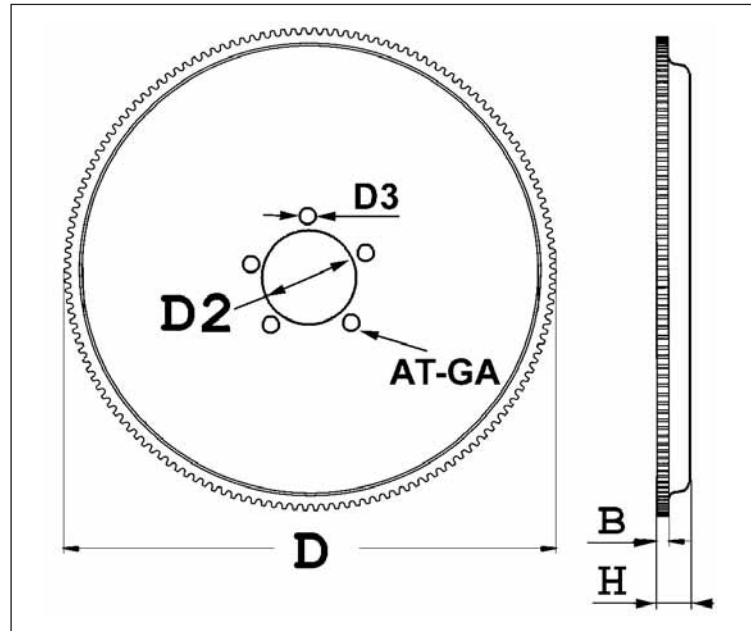
- . . . , . D . . . . . maximum uitwendige diameter
- . . . , . D2 . . . . . inwendige diameter
- . . . , . B . . . . . breedte tandkrans
- . . . , . H . . . . . totale hoogte tandkrans
- . . . AT-TA . . . . . aantal tanden
- . . . TY-TA . . . . . richting tanden, zie figuur
- . . . HA . . . . . hardheid
- . . . AT-GA . . . . . aantal bevestigingsgaten
- . . . , . D3 . . . . . diameter bevestigingsgaten
- . . . , . C . . . . . centrafstand bevestigingsgaten, zie schema

RH = rechts  
LH = links  
Z = zonder

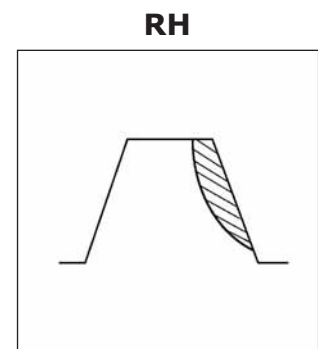
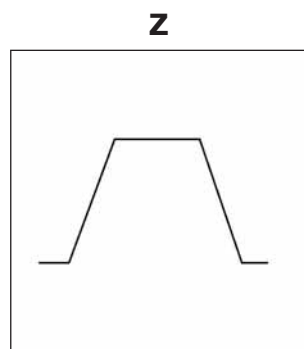
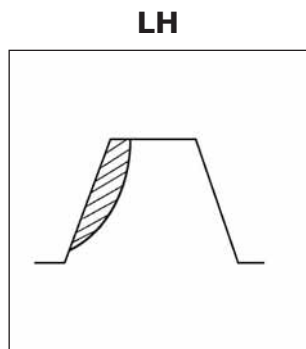




## Afmeting :

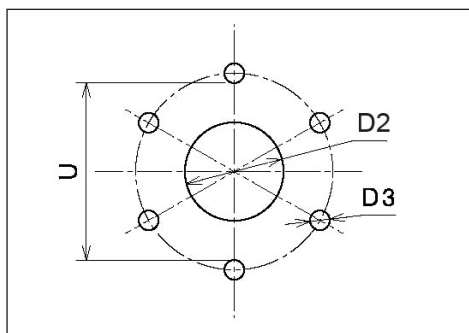


## Richting tanden :



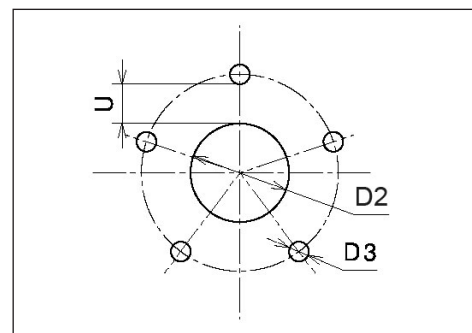
## Afmeting center :

even aantal gaten



$$C = U + D3$$

oneven aantal gaten



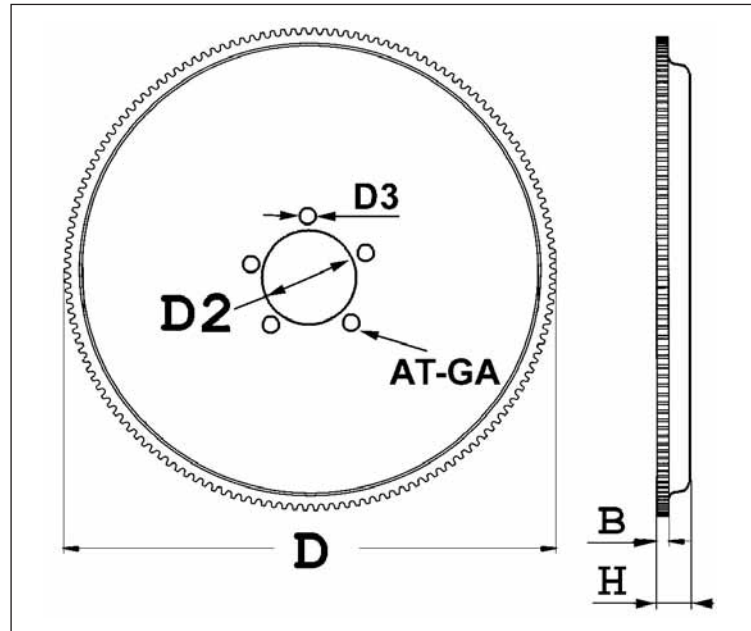
$$C = D2 + 2xU + D3$$



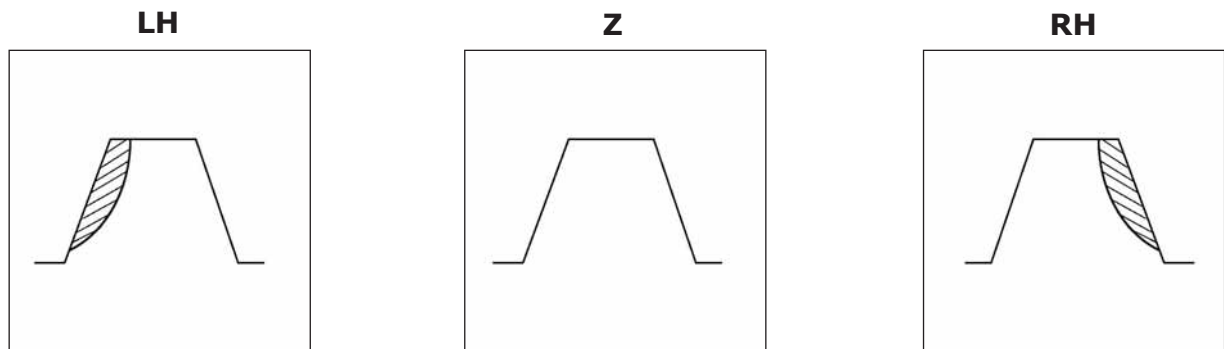




## Dimension :

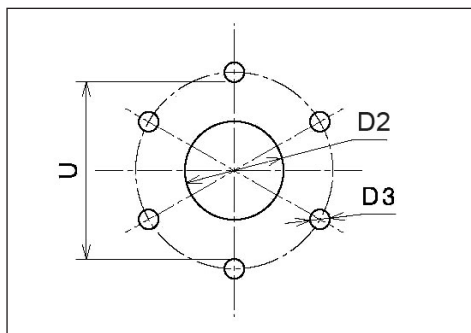


## Direction des dents :



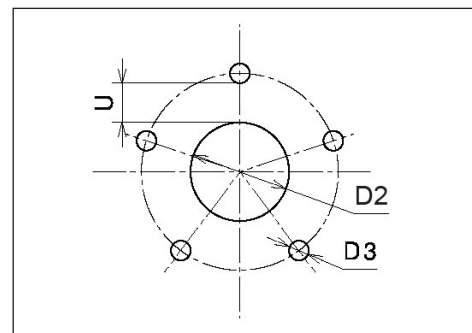
## Dimension centrale :

nombre trous pairs



$$C = U + D3$$

nombre trous impairs

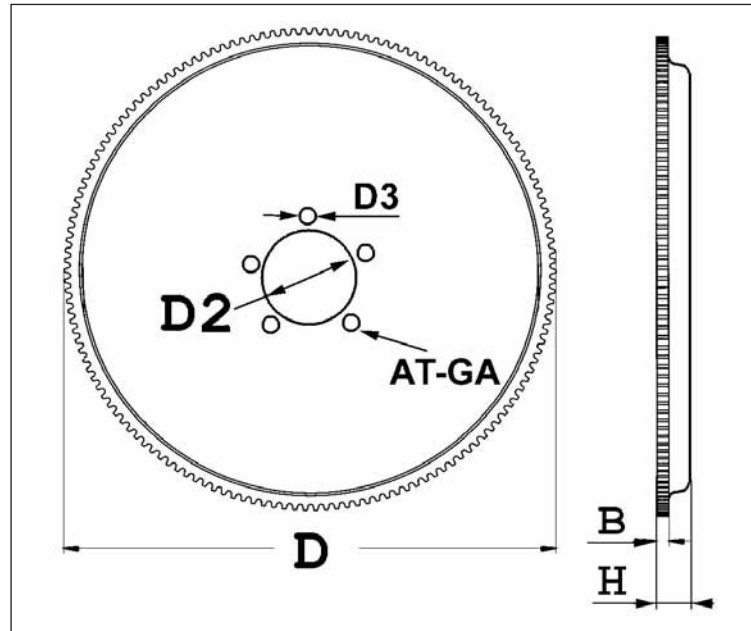


$$C = D2 + 2xU + D3$$

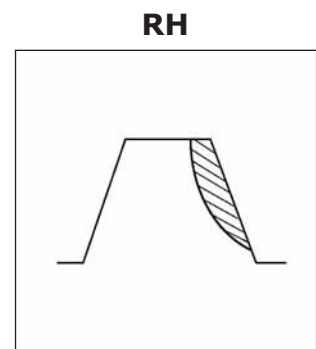
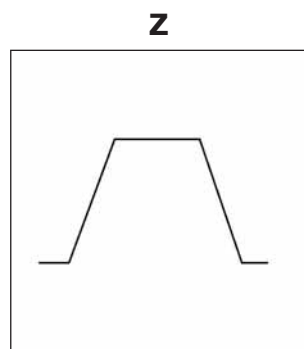
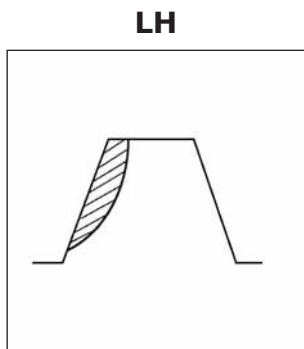




## Dimension :

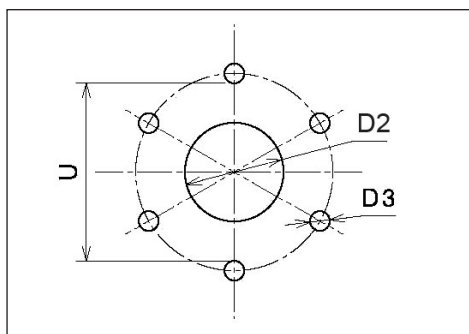


## Direction of teeth :



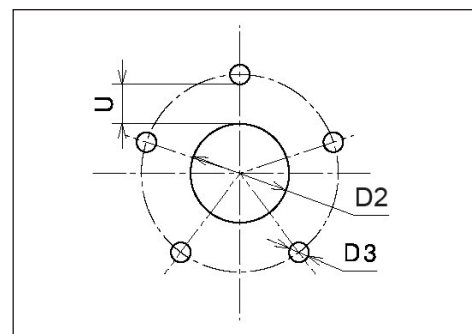
## Center dimension :

even number of holes



$$C = U + D3$$

odd number of holes



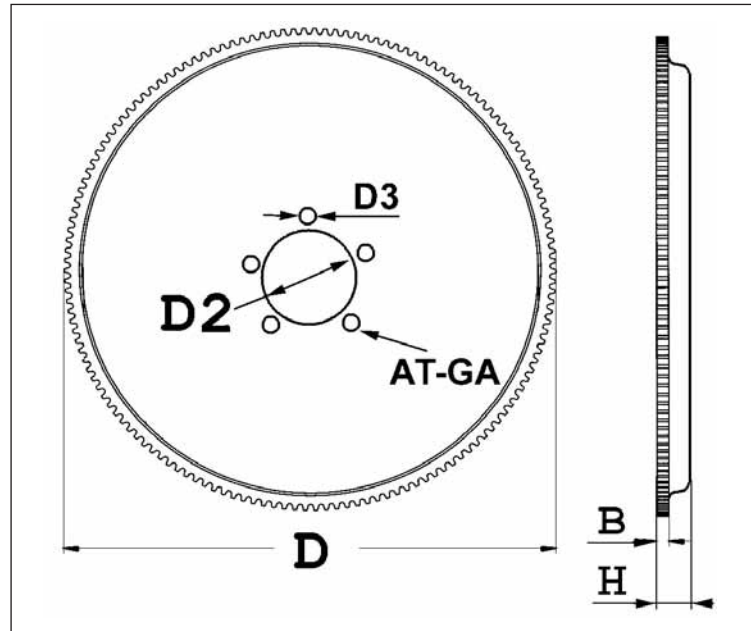
$$C = D2 + 2xU + D3$$



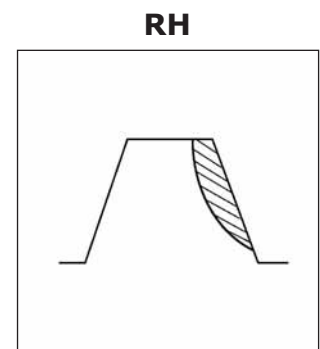
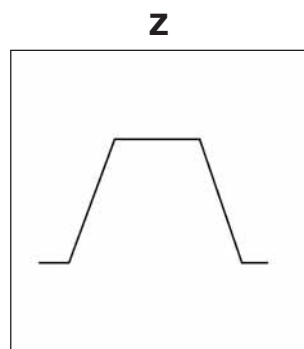
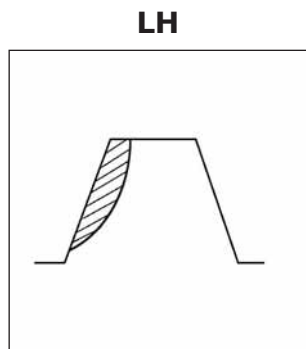




## Abmessung :

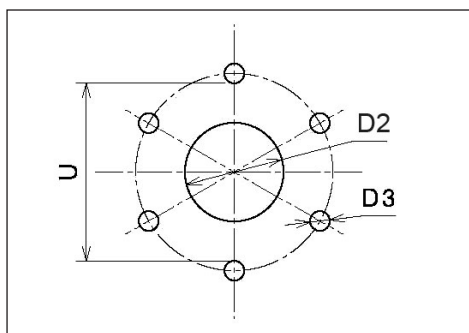


## Zählerichtung :



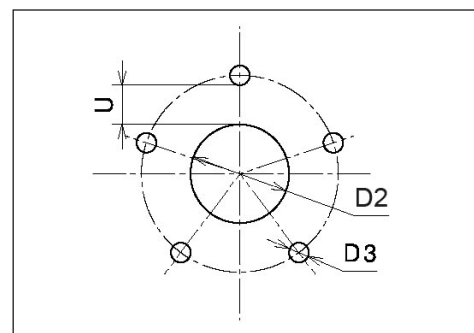
## Mittenabmessung :

gerades Löcherzahl



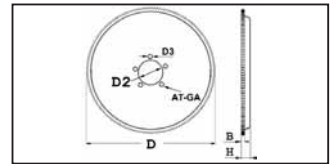
$$C = U + D3$$

ungerades Löcherzahl



$$C = D2 + 2xU + D3$$

## Complete range



number of teeth AT-TA	dimension (mm) B	internal diameter (mm) D2	max. external diameter (mm) D	dimension (mm) H	number of mounting holes AT-GA	diameter of mounting holes (mm) D3	reference
0	0	19	341	40	14	0	<a href="#">136TA4553</a>
0	0	28	336	51	6	14,3	<a href="#">136TA4554</a>
0	0	43	273,5	49	6	10,4	<a href="#">136TA4466</a>
0	0	52	384	72	6	16,5	<a href="#">136TA4486</a>
0	0	124	390	24	8	10,2	<a href="#">136TA4545</a>
0	0	340	42	54,8	8	12,5	<a href="#">136TA4585</a>
0	17,6	79	405	90	12	13,5	<a href="#">136TA4542</a>
97	11,7	35	297	47	6	13	<a href="#">136TA4574</a>
98	8	20	251	42	6	10	<a href="#">136TA4595</a>
98	8,2	15	340	55	6	12,5	<a href="#">136TA4503</a>
98	8,2	17	257,5	41	6	12,8	<a href="#">136TA4495</a>
98	8,5	30	289,4	55,3	6	12,5	<a href="#">124TA7106</a>



REF [136TA4553](#)



REF [136TA4554](#)



REF [136TA4466](#)



REF [136TA4486](#)



REF [136TA4545](#)



REF [136TA4585](#)



REF [136TA4542](#)



REF [136TA4574](#)



REF [136TA4595](#)



REF [136TA4503](#)



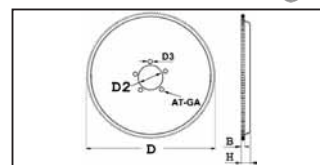
REF [136TA4495](#)



REF [124TA7106](#)



## Complete range



number of teeth AT-TA	dimension (mm) B	internal diameter (mm) D2	max. external diameter (mm) D	dimension (mm) H	number of mounting holes AT-GA	diameter of mounting holes (mm) D3	reference
103	12	20	315	66	6	14,5	<a href="#">136TA4460</a>
103	12	38	315	46,4	6	15	<a href="#">136TA4490</a>
104	16	31,5	335	64	6	12,5	<a href="#">136TA4539</a>
105	10	28	270,5	34,8	6	10,6	<a href="#">124TA7109</a>
105	13	48	261,5	15	4	10,3	<a href="#">136TA4487</a>
105	13	48	261,5	15,5	4	10,5	<a href="#">108TA5083</a>
105	15	44	318,5	44	6	12,5	<a href="#">136TA4566</a>
108	12,9	50	332	16	6	13	<a href="#">136TA4550</a>
108	13	32	332,5	40,5	6	13	<a href="#">109TA2421</a>
108	20	40	332	49	6	12,5	<a href="#">108TA5126</a>
108	22,5	50	331,3	25,3	6	13	<a href="#">136TA4458</a>
109	9	20	348,5	73,5	6	10,5	<a href="#">136TA4544</a>



REF [136TA4460](#)



REF [136TA4490](#)



REF [136TA4539](#)



REF [124TA7109](#)



REF [136TA4487](#)



REF [108TA5083](#)



REF [136TA4566](#)



REF [136TA4550](#)



REF [109TA2421](#)



REF [108TA5126](#)

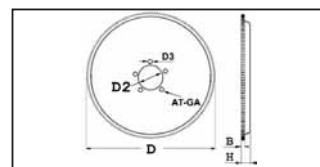


REF [136TA4458](#)



REF [136TA4544](#)

## Complete range



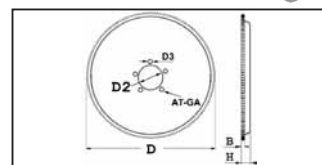
number of teeth AT-TA	dimension (mm) B	internal diameter (mm) D2	max. external diameter (mm) D	dimension (mm) H	number of mounting holes AT-GA	diameter of mounting holes (mm) D3	reference
109	9,3	52	351	33	6	10,8	<a href="#">136TA4584</a>
110	9,8	14	281,6	34,5	5	10,3	<a href="#">136TA4555</a>
110	12	32	335,4	42	6	12	<a href="#">136TA4517</a>
110	15	19	335	35	7	13	<a href="#">136TA4580</a>
110	15	20	337,5	37	4	13	<a href="#">136TA4440</a>
110	15	36	337	37,2	4	13	<a href="#">110TA9520</a>
110	15	40	337,5	54,5	8	13	<a href="#">136TA4489</a>
110	15	40	400	55	6	13	<a href="#">110TA9517</a>
110	15,5	52	336	69	8	10,5	<a href="#">136TA4526</a>
112	14,5	37	360	31	6	10,5	<a href="#">108TA5108</a>
112	15,3	41	314	43	6	12,5	<a href="#">136TA4581</a>
112	17	32	360,3	49	8	12,5	<a href="#">136TA4491</a>







## Complete range



number of teeth AT-TA	dimension (mm) B	internal diameter (mm) D2	max. external diameter (mm) D	dimension (mm) H	number of mounting holes AT-GA	diameter of mounting holes (mm) D3	reference
113	12	20	345	85	6	14,5	<a href="#">116TA7428</a>
113	12	30	345	17	6	10,7	<a href="#">103TA2645</a>
113	12	30	345	17,5	6	10,8	<a href="#">136TA4451</a>
113	12	30	345	17,7	6	14,7	<a href="#">136TA4449</a>
113	12	30	345	18	6	14,7	<a href="#">108TA5076</a>
113	12	30,2	344,8	17,5	6	10,9	<a href="#">109TA2432</a>
113	12	35	345	40,8	6	14,5	<a href="#">116TA7446</a>
113	12	35	345,4	33,5	6	10,6	<a href="#">108TA5075</a>
113	12	35	345,5	40,5	6	14,2	<a href="#">116TA7454</a>
113	12,3	35	345,5	36	6	14	<a href="#">108TA5127</a>
114	9	20	319	52	8	12,5	<a href="#">116TA7445</a>
114	9	20,3	381,8	61	8	13,5	<a href="#">136TA4499</a>



REF [116TA7428](#)



REF [103TA2645](#)



REF [136TA4451](#)



REF [136TA4449](#)



REF [108TA5076](#)



REF [109TA2432](#)



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REF [108TA5075](#)



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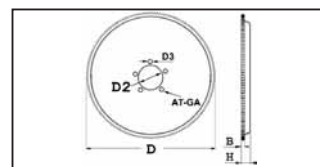
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REF [136TA4499](#)



## Complete range



number of teeth AT-TA	dimension (mm) B	internal diameter (mm) D2	max. external diameter (mm) D	dimension (mm) H	number of mounting holes AT-GA	diameter of mounting holes (mm) D3	reference
114	9	21	319,2	57	6	13,5	<a href="#">109TA2395</a>
114	14	15	350,5	51,5	6	14,5	<a href="#">136TA4505</a>
114	14	18,5	350,5	85	6	14,5	<a href="#">116TA7443</a>
114	14	20	350	76	6	14,5	<a href="#">136TA4589</a>
114	14	28	351,5	51	6	14,5	<a href="#">136TA4515</a>
115	9	29	295	45	6	10,5	<a href="#">136TA4534</a>
115	9	29	295	50	6	10,5	<a href="#">136TA4593</a>
115	9	35	294,5	42,4	6	10,5	<a href="#">109TA2388</a>
115	9	35	295	43	6	10,5	<a href="#">136TA4484</a>
115	9	40	295	40	4	10,4	<a href="#">136TA4571</a>
115	9	41	294,5	25	6	11	<a href="#">136TA4552</a>
115	12	32	295	36	6	10	<a href="#">109TA2455</a>



REF [109TA2395](#)



REF [136TA4505](#)



REF [116TA7443](#)



REF [136TA4589](#)



REF [136TA4515](#)



REF [136TA4534](#)



REF [136TA4593](#)



REF [109TA2388](#)



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REF [136TA4571](#)



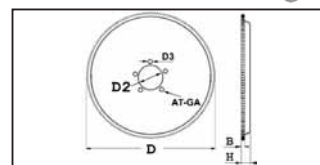
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REF [109TA2455](#)



## Complete range



number of teeth AT-TA	dimension (mm) B	internal diameter (mm) D2	max. external diameter (mm) D	dimension (mm) H	number of mounting holes AT-GA	diameter of mounting holes (mm) D3	reference
115	16	40	351	36	6	17	<a href="#">136TA4538</a>
115	17	70	370	135	6	13,4	<a href="#">136TA4522</a>
115	17,2	70	370,2	116,5	6	13,5	<a href="#">136TA4577</a>
115	17,5	16	370	64,4	6	13,3	<a href="#">136TA4592</a>
115	17,7	19	370	41	6	13,3	<a href="#">136TA4588</a>
117	12,3	36	376,5	60,5	6	13,2	<a href="#">136TA4529</a>
117	12,3	45	376	63	6	11,5	<a href="#">116TA7432</a>
117	12,5	20	376,4	51	6	13,3	<a href="#">109TA2460</a>
117	12,5	20	376,5	46	6	13	<a href="#">136TA4561</a>
117	12,5	26,5	376	75	6	13	<a href="#">108TA5132</a>
117	12,5	38	376	39,2	6	11,5	<a href="#">103TA2624</a>
117	12,5	46	376	33	6	11,5	<a href="#">136TA4468</a>



REF [136TA4538](#)



REF [136TA4522](#)



REF [136TA4577](#)



REF [136TA4592](#)



REF [136TA4588](#)



REF [136TA4529](#)



REF [116TA7432](#)



REF [109TA2460](#)



REF [136TA4561](#)



REF [108TA5132](#)

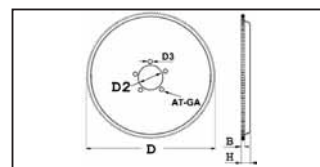


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REF [136TA4468](#)

## Complete range



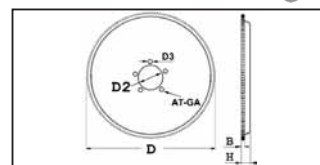
number of teeth AT-TA	dimension (mm) B	internal diameter (mm) D2	max. external diameter (mm) D	dimension (mm) H	number of mounting holes AT-GA	diameter of mounting holes (mm) D3	reference
117	12,5	46	376	52	6	13	<a href="#">136TA4576</a>
117	12,5	52	376	57	6	13	<a href="#">116TA7430</a>
117	12,7	46	376	43	6	11,5	<a href="#">136TA4469</a>
117	13	30	375,5	43,5	6	13,2	<a href="#">124TA7107</a>
117	15	29	327	45	6	12,5	<a href="#">116TA7437</a>
119	18	40	363,3	98	8	14,3	<a href="#">136TA4479</a>
120	11	15	375	66	6	11,5	<a href="#">136TA4549</a>
120	11	30	305	67	6	11,5	<a href="#">136TA4480</a>
120	12	51	307	30	6	10,5	<a href="#">108TA5088</a>
120	20	68	365,5	33	3	13	<a href="#">109TA2390</a>
121	15	32	339	40	6	12,5	<a href="#">108TA5117</a>
121	15	50	339	20,4	6	13,2	<a href="#">108TA5040</a>







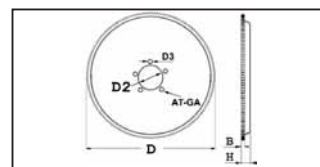
## Complete range



number of teeth AT-TA	dimension (mm) B	internal diameter (mm) D2	max. external diameter (mm) D	dimension (mm) H	number of mounting holes AT-GA	diameter of mounting holes (mm) D3	reference
122	9	30	313	22	6	13	<a href="#">136TA4472</a>
122	9	35	312,5	35	6	11,5	<a href="#">136TA4524</a>
122	15	25	370,5	37,5	4	13	<a href="#">124TA7097</a>
122	15	35	370	34	6	13	<a href="#">136TA4485</a>
122	15	40	399,5	57	6	13	<a href="#">136TA4540</a>
122	17	25	392,2	50	6	13,5	<a href="#">136TA4492</a>
122	17,5	46	392	63	6	13,5	<a href="#">136TA4578</a>
126	10	25	321	53	6	10,5	<a href="#">136TA4463</a>
126	10	25,2	325	51,5	6	10,5	<a href="#">136TA4579</a>
126	12	8	351	48	6	13	<a href="#">108TA8821</a>
126	12	42	351	44	6	12,5	<a href="#">109TA2435</a>
126	12	42	351,5	43	6	13,5	<a href="#">136TA4513</a>



## Complete range



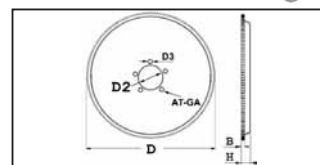
number of teeth AT-TA	dimension (mm) B	internal diameter (mm) D2	max. external diameter (mm) D	dimension (mm) H	number of mounting holes AT-GA	diameter of mounting holes (mm) D3	reference
126	12,2	42	351	43	6	13	<a href="#">108TA5092</a>
126	12,2	47	351,3	47	6	15	<a href="#">136TA4476</a>
126	12,3	42	351,3	40	6	10,5	<a href="#">136TA4497</a>
126	12,3	42	352	43	6	13,5	<a href="#">136TA4523</a>
126	13	46,6	351	47	6	15	<a href="#">136TA4533</a>
126	15,3	19	405	42	6	11,5	<a href="#">136TA4443</a>
126	17,3	50,8	405	49,2	133	6	<a href="#">136TA4582</a>
126	17,3	52	405	34,7	12	13,6	<a href="#">136TA4506</a>
126	17,5	15	404	43,5	8	15,5	<a href="#">109TA2424</a>
126	17,5	19	405	36,5	6	13,5	<a href="#">136TA4502</a>
126	17,5	40	406	43	6	14	<a href="#">108TA5038</a>
126	17,5	50	403,5	34	6	15,7	<a href="#">136TA4444</a>







## Complete range



number of teeth AT-TA	dimension (mm) B	internal diameter (mm) D2	max. external diameter (mm) D	dimension (mm) H	number of mounting holes AT-GA	diameter of mounting holes (mm) D3	reference
126	17,5	50	403,5	34	6	15,8	<a href="#">109TA2447</a>
126	17,5	52	405	41	12	11	<a href="#">136TA4512</a>
126	17,5	52	405	43	6	13	<a href="#">116TA7442</a>
126	17,6	20	404,8	37	6	15,8	<a href="#">136TA4453</a>
126	17,6	35	403,8	41	6	16	<a href="#">136TA4509</a>
126	17,6	50	404	19	6	14	<a href="#">136TA4445</a>
126	17,7	52	405	42	6	13,5	<a href="#">136TA4477</a>
126	17,8	19	405	40,9	6	13,5	<a href="#">136TA4465</a>
126	17,8	79	405	92	6	13,3	<a href="#">136TA4478</a>
126	18	35	406	41	6	16	<a href="#">136TA4514</a>
127	9,5	35	272,5	29	6	10,5	<a href="#">124TA7113</a>
127	16	47	385,5	62	6	15	<a href="#">136TA4496</a>



REF [109TA2447](#)



REF [136TA4512](#)



REF [116TA7442](#)



REF [136TA4453](#)



REF [136TA4509](#)



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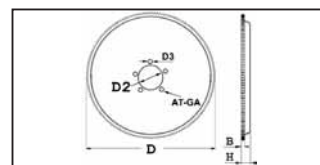


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REF [136TA4496](#)

## Complete range



number of teeth AT-TA	dimension (mm) B	internal diameter (mm) D2	max. external diameter (mm) D	dimension (mm) H	number of mounting holes AT-GA	diameter of mounting holes (mm) D3	reference
127	20	28	386,5	30	6	12,5	<a href="#">108TA5042</a>
127	20	39,5	387	41	6	12,5	<a href="#">108TA5091</a>
127	21	47	387	37,5	6	13	<a href="#">136TA4488</a>
129	18	20	393	110	8	14,2	<a href="#">116TA7434</a>
129	18	20	393,3	63	7	14,5	<a href="#">136TA4583</a>
129	18	30	393,2	63	6	14,5	<a href="#">136TA4562</a>
129	18	33	393	50	8	10,8	<a href="#">136TA4446</a>
129	18,3	20	393	63	6	14,8	<a href="#">124TA7112</a>
129	22	19	393	27	6	14,5	<a href="#">108TA5081</a>
129	22	30	393	29	6	14	<a href="#">136TA4558</a>
129	22,2	40	393	43	6	12,5	<a href="#">136TA4572</a>
130	18	20	395	47	7	13	<a href="#">136TA4575</a>



REF [108TA5042](#)



REF [108TA5091](#)



REF [136TA4488](#)



REF [116TA7434](#)



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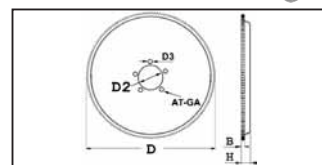
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REF [136TA4575](#)



## Complete range



number of teeth AT-TA	dimension (mm) B	internal diameter (mm) D2	max. external diameter (mm) D	dimension (mm) H	number of mounting holes AT-GA	diameter of mounting holes (mm) D3	reference
130	18	47	395	48	7	12,7	<a href="#">136TA4559</a>
132	8	43	281	25	6	10,5	<a href="#">136TA4494</a>
132	9,5	32	286,5	30	6	10,5	<a href="#">136TA4560</a>
132	9,6	27	336,5	12	6	12,5	<a href="#">136TA4459</a>
132	10	28	336,5	41	6	12,5	<a href="#">136TA4516</a>
132	10	28	336,5	41,5	5	12,5	<a href="#">136TA4518</a>
132	10	28	337	45	6	12,5	<a href="#">136TA4439</a>
132	10	43	281	67,5	6	10,5	<a href="#">136TA4567</a>
132	10,2	28	337	47	7	12,5	<a href="#">136TA4508</a>
132	10,2	28	337	49	7	12,7	<a href="#">116TA7438</a>
132	10,4	28	336,5	45	5	12,7	<a href="#">109TA2463</a>
132	10,4	28	337	46	6	12,5	<a href="#">109TA2496</a>



REF [136TA4559](#)



REF [136TA4494](#)



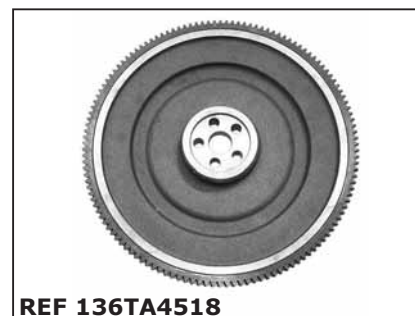
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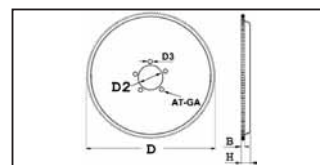
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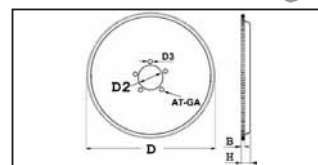


number of teeth AT-TA	dimension (mm) B	internal diameter (mm) D2	max. external diameter (mm) D	dimension (mm) H	number of mounting holes AT-GA	diameter of mounting holes (mm) D3	reference
132	10,6	27,5	337	43	7	12,6	<a href="#">136TA4500</a>
132	11	28	337	46	5	12	<a href="#">109TA2466</a>
132	11,3	43	281	26	6	11	<a href="#">136TA4456</a>
132	15	36	336	37	4	13	<a href="#">109TA2454</a>
132	15	36	336	37	4	13	<a href="#">109TA2473</a>
133	9	15	340,5	76,4	6	11,5	<a href="#">136TA4548</a>
133	9	24	340,5	40	6	10,5	<a href="#">109TA2471</a>
133	9	24	340,7	80	6	10,5	<a href="#">136TA4591</a>
133	9	28	340	16,5	6	11	<a href="#">108TA5120</a>
133	9	29	340,7	37,2	6	10,7	<a href="#">136TA4568</a>
133	9	32	340,5	17,5	6	13	<a href="#">108TA5124</a>
133	9	32	340,5	17,7	6	11	<a href="#">136TA4467</a>





## Complete range



number of teeth AT-TA	dimension (mm) B	internal diameter (mm) D2	max. external diameter (mm) D	dimension (mm) H	number of mounting holes AT-GA	diameter of mounting holes (mm) D3	reference
133	9	32	340,5	39,5	6	12,5	<a href="#">108TA5085</a>
133	9	35	341	36,5	6	10,5	<a href="#">109TA2490</a>
133	9	35	341	39,5	6	10,5	<a href="#">109TA2453</a>
133	9	41	340	18	6	11,2	<a href="#">136TA4462</a>
133	9	41	340	24	6	11	<a href="#">136TA4442</a>
133	9	41	340,5	24,5	6	11	<a href="#">136TA4570</a>
133	9	41	340,5	39,5	6	10,7	<a href="#">136TA4535</a>
133	9	41	341	36,5	6	10	<a href="#">136TA4525</a>
133	9	41	341	37	6	10,5	<a href="#">136TA4471</a>
133	9	50	340	20	6	13	<a href="#">136TA4450</a>
133	9	58	372	39	6	12	<a href="#">136TA4556</a>
133	9,3	15,5	340,5	54	6	12,7	<a href="#">124TA7111</a>



REF [108TA5085](#)



REF [109TA2490](#)



REF [109TA2453](#)



REF [136TA4462](#)



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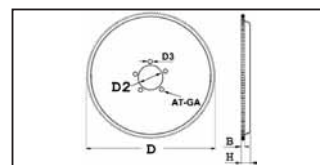
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## Complete range



number of teeth AT-TA	dimension (mm) B	internal diameter (mm) D2	max. external diameter (mm) D	dimension (mm) H	number of mounting holes AT-GA	diameter of mounting holes (mm) D3	reference
133	11,7	52	334	64	8	10,5	<a href="#">136TA4590</a>
133	15	41	340,5	17	6	11	<a href="#">136TA4493</a>
134	9	19	344,6	97	6	12,5	<a href="#">109TA2504</a>
134	9	30	344,5	18	6	12,8	<a href="#">136TA4565</a>
134	9	30	344,5	18	6	13	<a href="#">106TA7129</a>
134	9	31	345	54	6	12,5	<a href="#">136TA4519</a>
134	9	35	345	36	6	12,5	<a href="#">116TA7455</a>
134	9	35	345	53	6	12,5	<a href="#">136TA4474</a>
134	9	35	345	53	6	12,5	<a href="#">136TA4510</a>
134	9,3	36	345	53	6	12,5	<a href="#">136TA4528</a>
134	12	15	345	28,5	6	10	<a href="#">109TA2503</a>
134	12	15	345	32	6	10	<a href="#">109TA2426</a>



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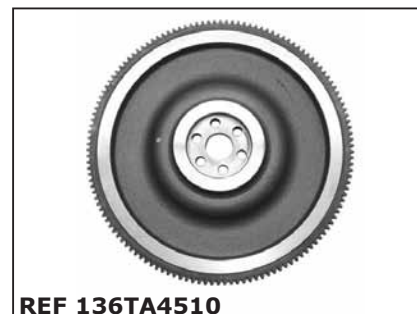
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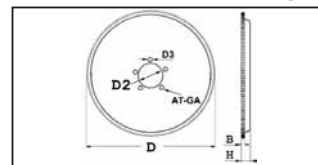
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## Complete range



number of teeth AT-TA	dimension (mm) B	internal diameter (mm) D2	max. external diameter (mm) D	dimension (mm) H	number of mounting holes AT-GA	diameter of mounting holes (mm) D3	reference
134	12	15	345	34	6	10	<a href="#">136TA4475</a>
134	12	15	345	44	6	10,7	<a href="#">136TA4586</a>
134	12	20	344,7	45,5	6	10,5	<a href="#">136TA4501</a>
134	12	20	345	44,5	6	10,5	<a href="#">136TA4441</a>
134	12	25	345	45	6	10	<a href="#">109TA2501</a>
134	12	25	345,3	44	6	10,7	<a href="#">136TA4543</a>
134	12	30	344,5	16,5	6	10,8	<a href="#">136TA4457</a>
134	12	30	344,5	17	6	12,7	<a href="#">136TA4454</a>
134	12	30	345	45,5	6	10,5	<a href="#">109TA2487</a>
134	12	35	345	28	6	10,5	<a href="#">136TA4527</a>
134	12	35	345	33	6	10,5	<a href="#">136TA4521</a>
134	12,1	26,2	344,7	17	6	10,8	<a href="#">136TA4448</a>



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REF [136TA4586](#)



REF [136TA4501](#)



REF [136TA4441](#)



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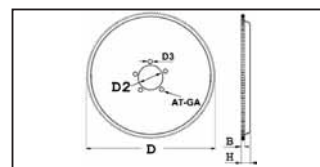


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## Complete range



number of teeth AT-TA	dimension (mm) B	internal diameter (mm) D2	max. external diameter (mm) D	dimension (mm) H	number of mounting holes AT-GA	diameter of mounting holes (mm) D3	reference
134	12,2	30	345	15,6	6	11	<a href="#">136TA4447</a>
134	12,2	30	345	29	6	10,2	<a href="#">136TA4504</a>
135	8	43	287	13,4	6	11	<a href="#">136TA4481</a>
135	8	43	287,2	25	6	10,8	<a href="#">116TA7435</a>
135	10	43	287	48,3	6	10,3	<a href="#">136TA4536</a>
135	10	43	287,5	67	6	10	<a href="#">136TA4573</a>
136	13	41	350	53	6	11	<a href="#">136TA4470</a>
138	9	15	356,5	35	6	12,7	<a href="#">136TA4483</a>
138	9	48	356	10,7	6	12,7	<a href="#">136TA4455</a>
138	9	50	356,5	24	8	13	<a href="#">108TA5054</a>
138	9,2	10	357	48	8	11,5	<a href="#">108TA5072</a>
138	9,2	48	356	29	6	13	<a href="#">136TA4531</a>



REF [136TA4447](#)



REF [136TA4504](#)



REF [136TA4481](#)



REF [116TA7435](#)



REF [136TA4536](#)



REF [136TA4573](#)



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REF [136TA4455](#)



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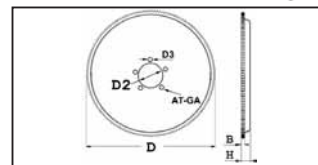


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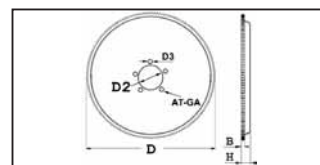
## Complete range



number of teeth AT-TA	dimension (mm) B	internal diameter (mm) D2	max. external diameter (mm) D	dimension (mm) H	number of mounting holes AT-GA	diameter of mounting holes (mm) D3	reference
138	9,3	15	357	39	6	12,5	<a href="#">136TA4530</a>
138	9,3	40	355	10,5	6	12,7	<a href="#">136TA4537</a>
138	9,5	48	356	19,5	6	12,5	<a href="#">108TA5099</a>
138	13	42	356,5	53,2	6	13	<a href="#">136TA4520</a>
139	9	35	357	38	6	12,5	<a href="#">136TA4473</a>
139	9,5	37	299	40	7	9,5	<a href="#">136TA4546</a>
139	9,5	47	299,2	37,7	7	9,5	<a href="#">124TA7089</a>
140	22	52	425,4	60	10	15,4	<a href="#">124TA7096</a>
140	22	52	426	58	6	15	<a href="#">136TA4547</a>
140	22	53	426	50	6	15	<a href="#">136TA4569</a>
140	22	72	425	85	6	15	<a href="#">136TA4563</a>
141	11,5	20	303	73	6	10,5	<a href="#">109TA2475</a>



## Complete range



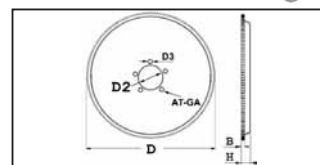
number of teeth AT-TA	dimension (mm) B	internal diameter (mm) D2	max. external diameter (mm) D	dimension (mm) H	number of mounting holes AT-GA	diameter of mounting holes (mm) D3	reference
142	9,2	19	366	14,6	6	12	<a href="#">136TA4464</a>
142	9,5	19	366	21	6	10	<a href="#">108TA5123</a>
144	11,9	46	307	47	8	10,3	<a href="#">136TA4587</a>
146	9,5	19	375	23	6	10,5	<a href="#">109TA2486</a>
146	9,5	34	376	33	18	8	<a href="#">109TA2498</a>
148	17	32	317	30	6	12,5	<a href="#">136TA4551</a>
150	12	35	299,5	31,8	12	10,5	<a href="#">136TA4482</a>
153	11,5	52	326,2	38	6	12	<a href="#">136TA4557</a>
153	11,5	52,5	325	11,5	6	12	<a href="#">108TA5098</a>
156	22	51,5	473	34	10	14,5	<a href="#">136TA4564</a>
156	22	79,5	473	91	10	14,5	<a href="#">109TA2500</a>
156	22	377	473	22	12	13,5	<a href="#">136TA4507</a>







## Complete range



number of teeth AT-TA	dimension (mm) B	internal diameter (mm) D2	max. external diameter (mm) D	dimension (mm) H	number of mounting holes AT-GA	diameter of mounting holes (mm) D3	reference
164	9,4	63,7	360,5	28	6	11,7	<a href="#">136TA4452</a>
164	9,5	44	361	22	6	11	<a href="#">136TA4461</a>
164	9,5	44,5	361	21	6	11,5	<a href="#">109TA2489</a>
168	10,2	20	389	70	6	12	<a href="#">136TA4541</a>
168	11,3	52,5	358,6	11,3	6	12	<a href="#">124TA7088</a>
168	11,3	52,5	359	37,4	6	11,8	<a href="#">136TA4498</a>
168	11,4	359,2	52	48	6	12	<a href="#">136TA4594</a>
168	11,5	19	359	30,5	6	12	<a href="#">136TA4511</a>
168	11,5	52	359,3	31,5	6	12	<a href="#">116TA7452</a>
184	9,3	44,5	394,4	41,2	6	11,5	<a href="#">136TA4532</a>



REF [136TA4452](#)



REF [136TA4461](#)



REF [109TA2489](#)



REF [136TA4541](#)



REF [124TA7088](#)



REF [136TA4498](#)



REF [136TA4594](#)



REF [136TA4511](#)



REF [116TA7452](#)



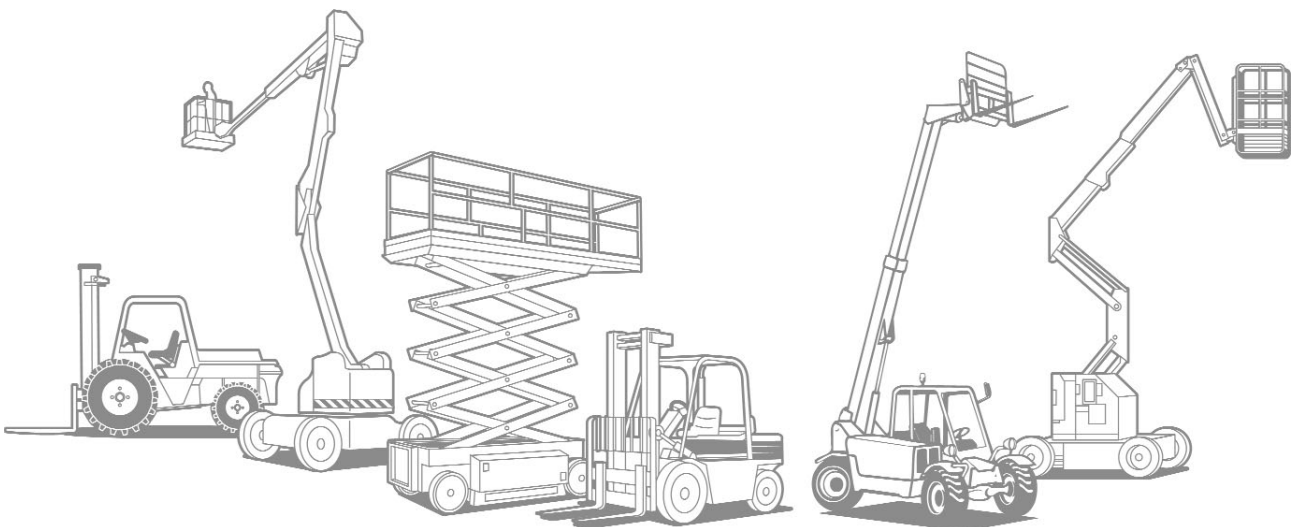
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## ***TOTAL SOURCE***<sup>®</sup>

# Part: 5 BELTS

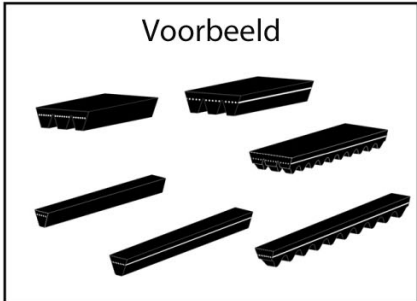




## Technische fiche

### V-RIEM

Groep  
**01-03-12-00**



Gegevens klant

Type machine: .....

Prijsaanvraag

Serie nr. machine: .....

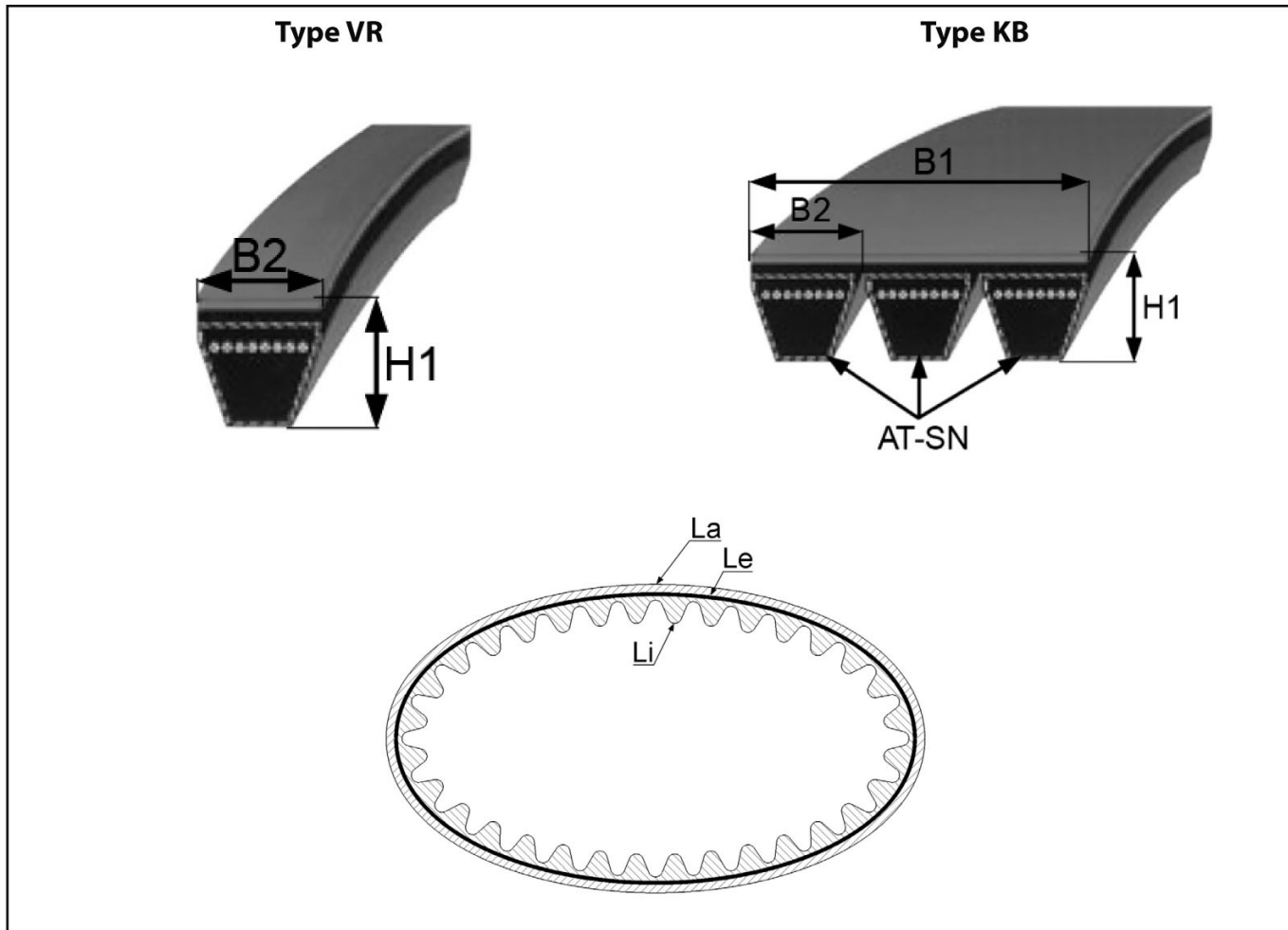
Bestelling

CODE: TY-RI x B1 x B2 x H1 x La x Li x Le x AT-SN x KL x SO-RI

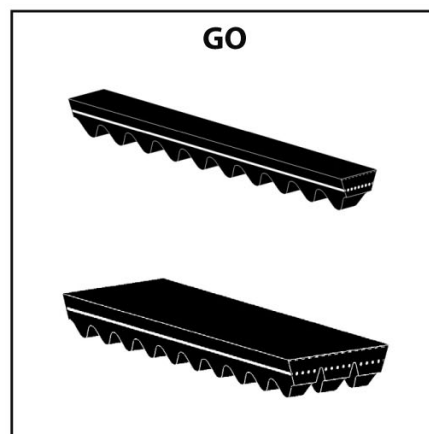
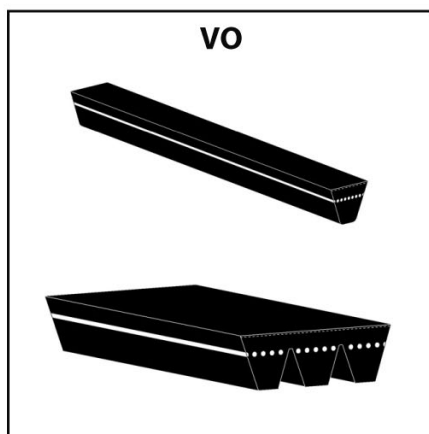
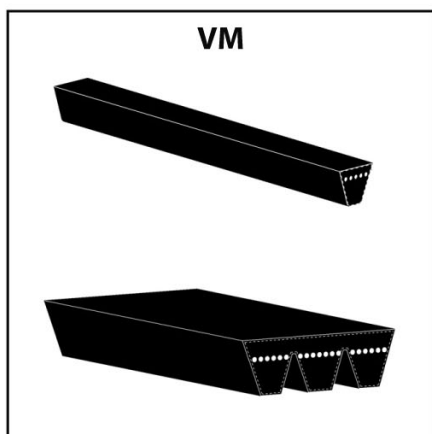
- .. TY-RI ..... Type riem (zie figuren):  
*VR = V-riem.*  
*KB = krachtband.*
- ... B1..... Totale riembreedte (zie figuur).
- ... B2..... Totale breedte snaar (zie figuur).
- ... H1 ..... Totale hoogte snaar (zie figuur).
- .... La..... Uitwendige lengte ter hoogte van de buitenrand van de riem.
- .... Li ..... Inwendige lengte ter hoogte van de binnenkant van de riem.
- .... Le..... Effectieve lengte ter hoogte van de trekkoord van de riem.
- .... AT-SN ..... Aantal snaren (zie figuur).
- .... KL..... Kleur.
- .. SO-RI ..... Soort riem (zie figuren):  
*VM = volle ommantelde.*  
*VO = volle openflank.*  
*GO = getande openflank.*  
*S = speciale.*



## AFMETINGEN



## SOORT RIEM

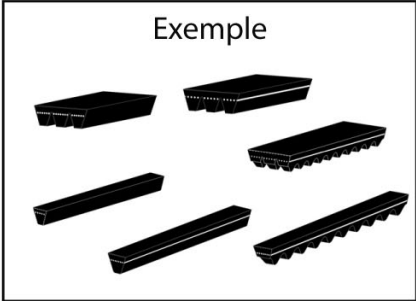






## Fiche technique COURROIE TRAPEZOÏDALE

Groupe  
**01-03-12-00**



Données client

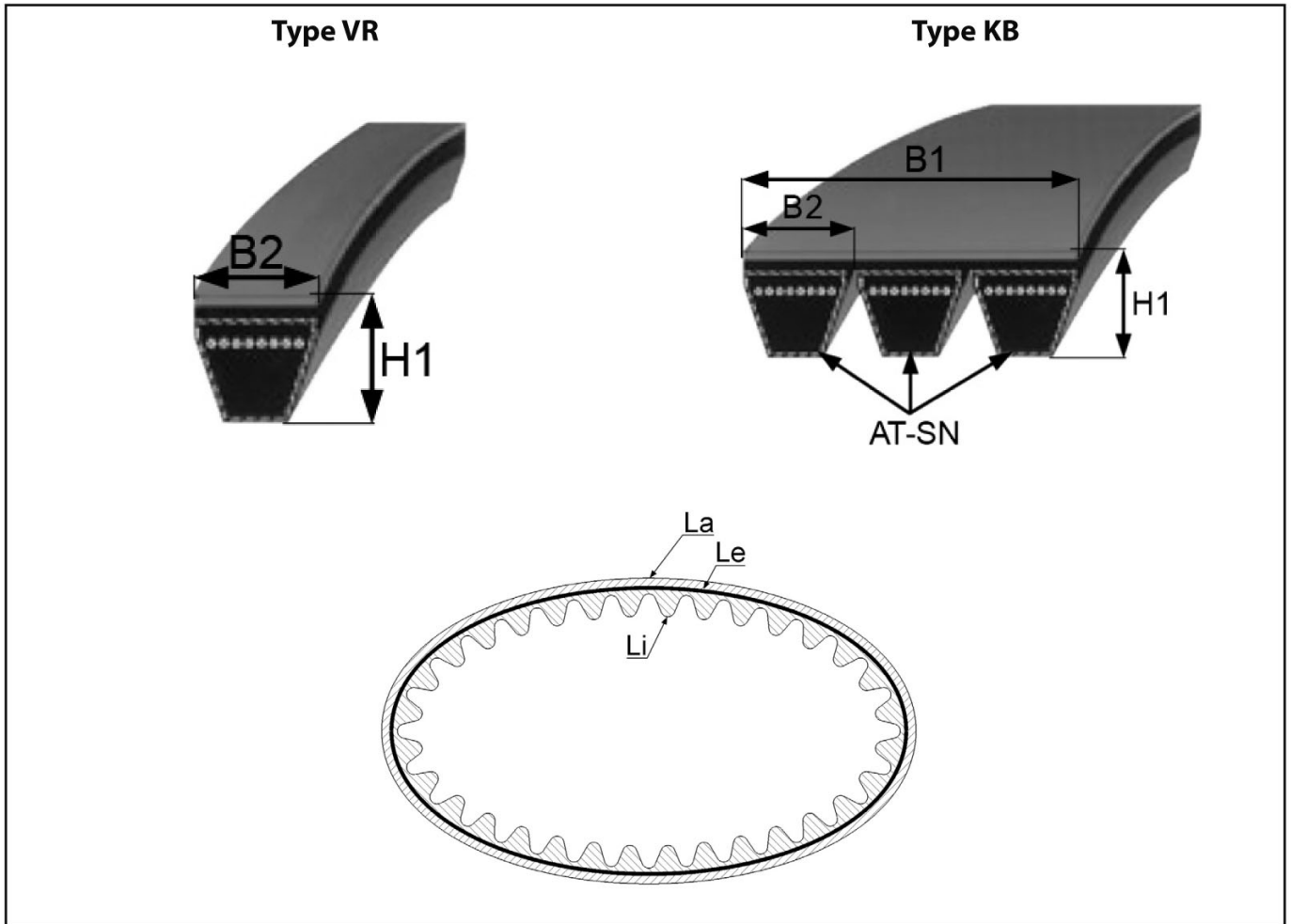
Type machine : .....  Demande de prix  
 No. série machine : .....  Commande

CODE : TY-RI x B1 x B2 x H1 x La x Li x Le x AT-SN x KL x SO-RI

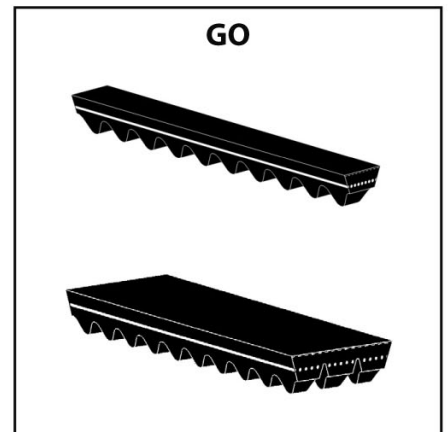
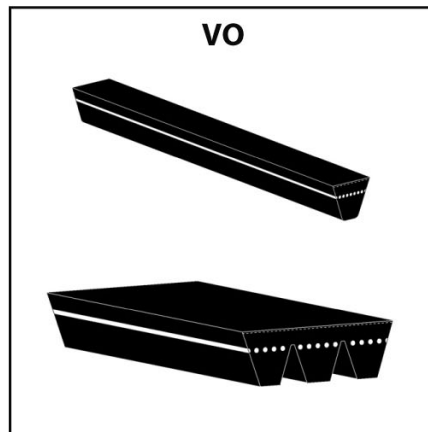
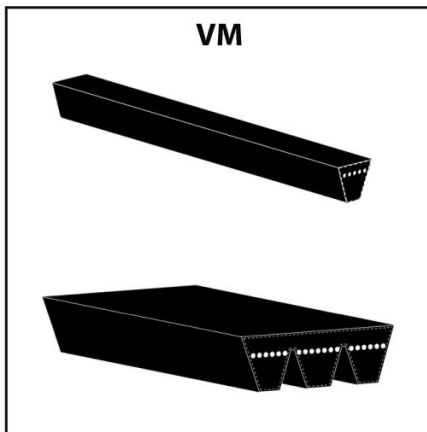
- .. TY-RI ..... Type de courroie (voir figures) :  
     *VR = courroie trapézoïdale.*  
     *KB = courroie multibrins.*
- ... B1 ..... Largeur totale de la courroie (voir figure).
- ... B2 ..... Largeur brin de courroie (voir figure).
- ... H1 ..... Hauteur totale (voir figure).
- ..... La ..... Longueur extérieure, mesurée sur le bord extérieur de la courroie.
- ..... Li ..... Longueur intérieure, mesurée sur la face intérieure de la courroie.
- ..... Le ..... Longueur effective, mesurée sur la corde de traction de la courroie.
- ..... AT-SN ..... Nombre de brins (voir figure).
- ..... KL ..... Couleur.
- .. SO-RI ..... Sorte de courroie (voir figures) :  
     *VM = pleine enveloppée.*  
     *VO = pleine à flancs nus.*  
     *GO = crantée à flancs nus.*  
     *S = spéciale.*



## DIMENSIONS



## SORTE DE COURROIE

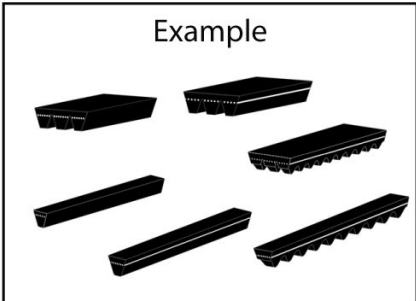




## Technical detail

### V-BELT

Group  
**01-03-12-00**



Customer details

Type machine: .....

Price inquiry

Serial no. machine: .....

Order

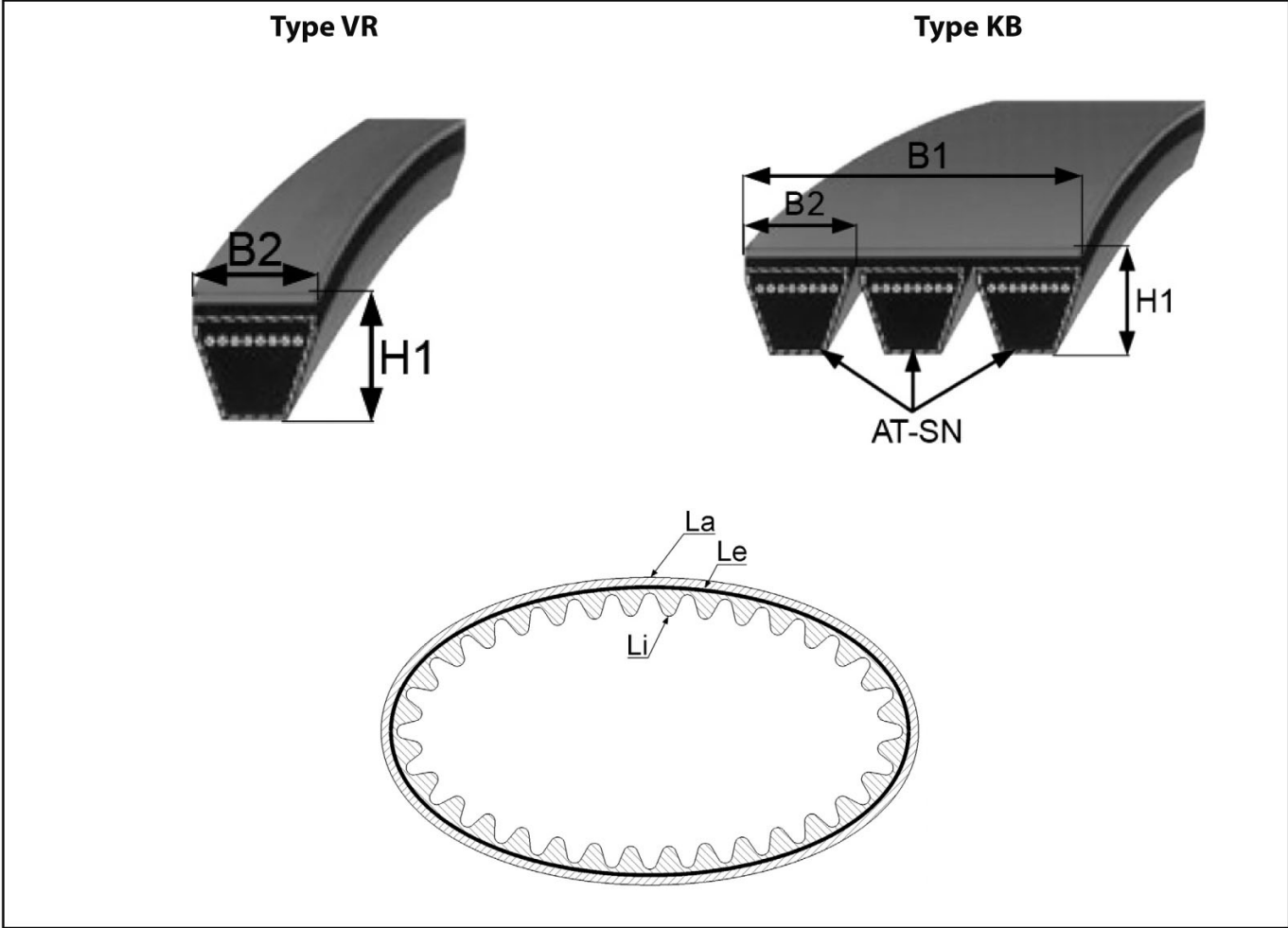
CODE: TY-RI x B1 x B2 x H1 x La x Li x Le x AT-SN x KL x SO-RI

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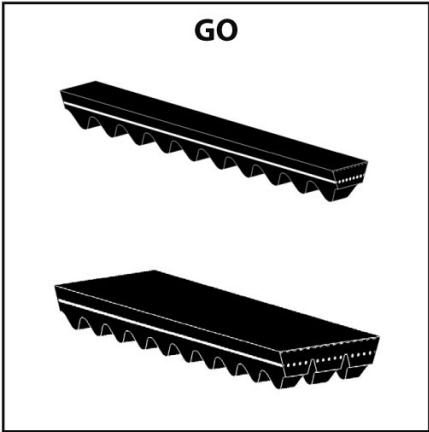
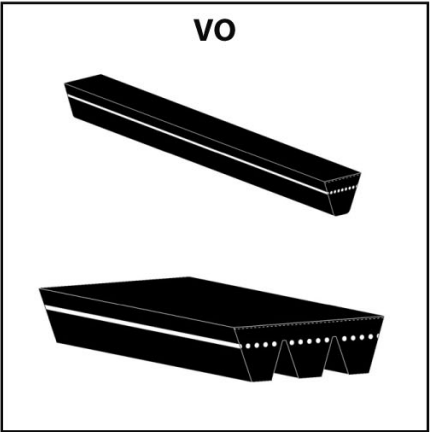
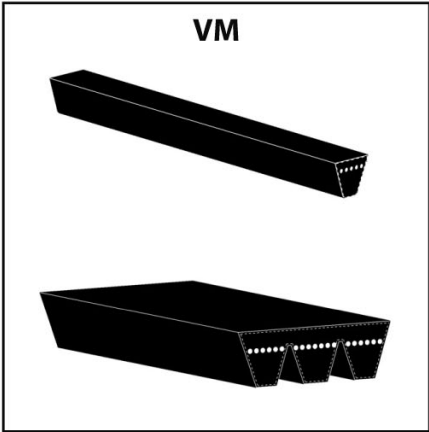
- TY-RI ..... Type of belt (see figures):  
*VR = V-belt.*  
*KB = power band.*
- B1 ..... Total belt width (see figure).
- B2 ..... Total width of the string (see figures).
- H1 ..... Total height of the string (see figure).
- La ..... External length at the outer edge of the belt.
- Li ..... Internal length at the inner edge of the belt.
- Le ..... Effective length at the belt cord.
- AT-SN ..... Number of strings (see figures).
- KL ..... Colour.
- SO-RI ..... Type of belt (see figures):  
*VM = full sheathed.*  
*VO = full open flank.*  
*GO = toothed open flank.*  
*S = special.*



## DIMENSIONS



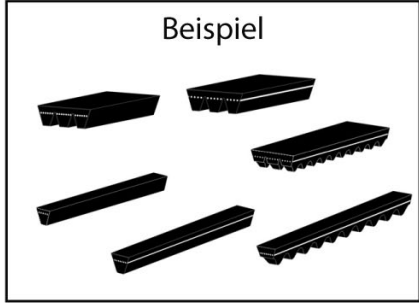
## TYPE OF BELT





## Technische Daten V-RIEMEN

Gruppe  
**01-03-12-00**



Kundendaten

Maschinentyp: .....

Preisanfrage

Serienr. maschine: .....

Bestellung

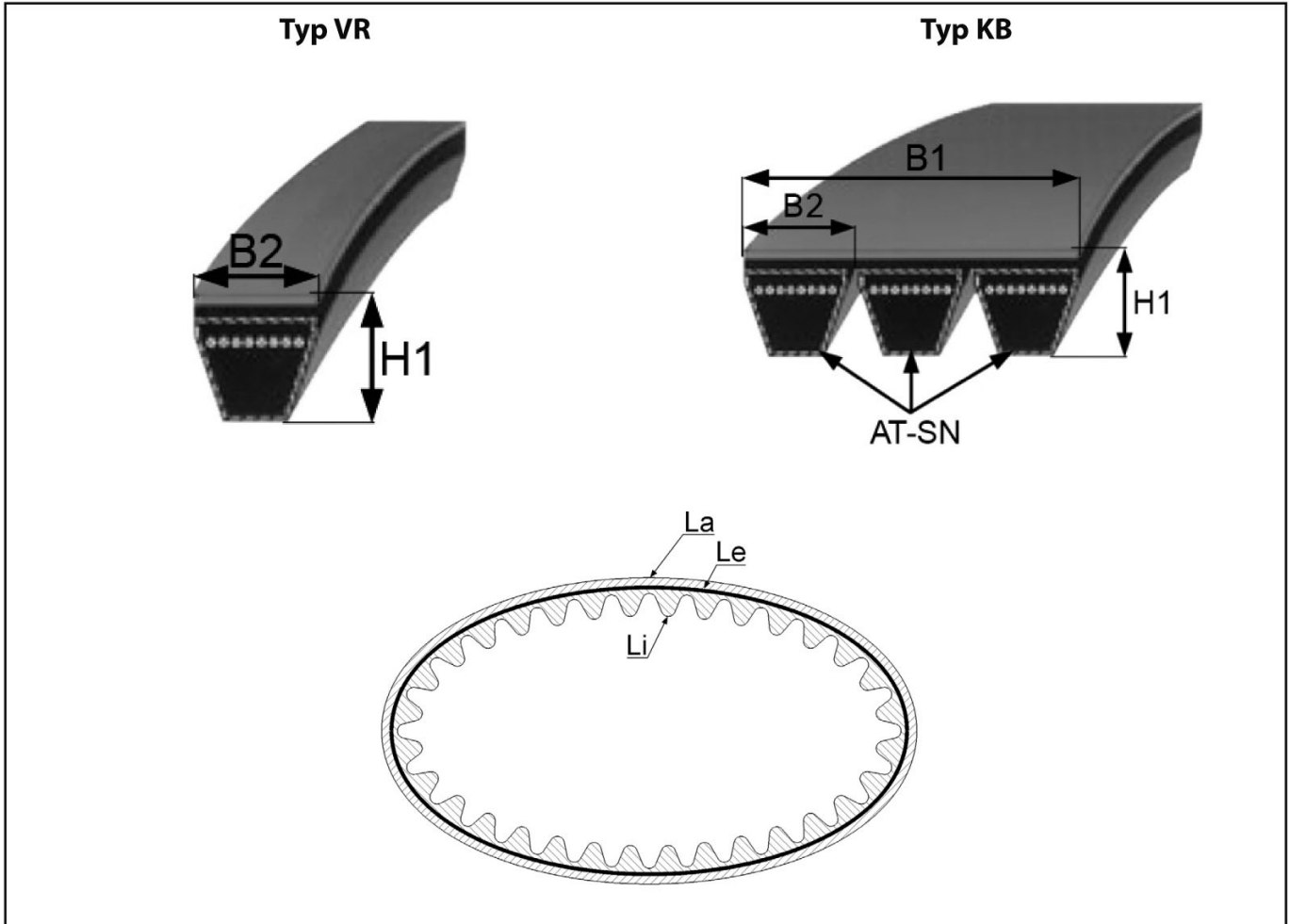
CODE: TY-RI x B1 x B2 x H1 x La x Li x Le x AT-SN x KL x SO-RI

- .. TY-RI ..... Riementyp (siehe Figur):  
           *VR = V-Riemen.*  
           *KB = Flachriemen.*
- .,., B1..... Gesamtbreite Riemen (siehe Figur).
- .,., B2..... Gesamtbreite Riemen (siehe Figur).
- .,., H1 ..... Gesamthöhe Riemen (siehe Figur).
- ..... La..... Außenlänge an dem Außenrand von dem Riemen.
- ..... Li ..... Innenlänge an der Innenseite von dem Riemen.
- ..... Le..... Effective Länge von der Zugleine von dem Riemen.
- ..... AT-SN..... Anzahl Riemen (siehe Figur).
- ..... KL..... Farbe.
- .. SO-RI..... Riemensorte (siehe Figuren):  
           *VM = volle Ummantelung.*  
           *VO = volle offene Seite.*  
           *GO = gezahnte offene Seite.*  
           *S = spezielle.*

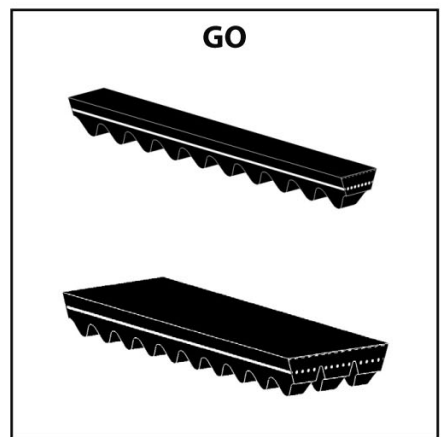
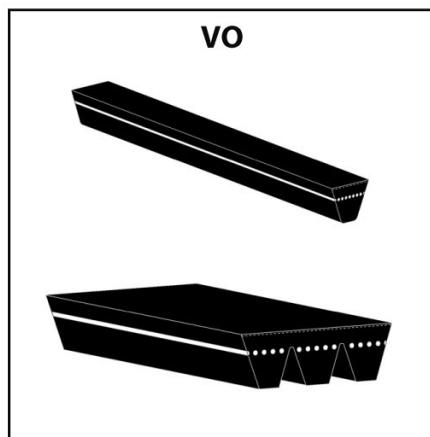
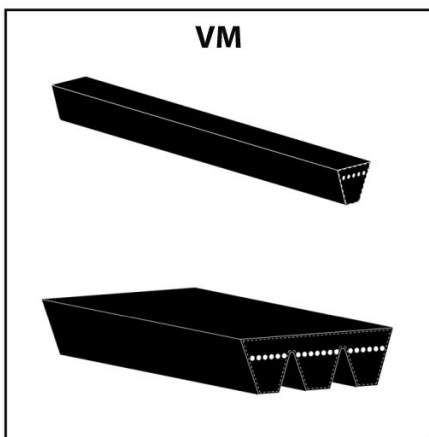




## ABMESSUNGEN



## RIEMENSORTE

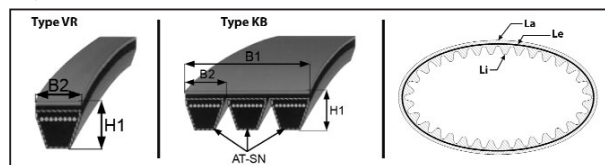


# V-BELTS

For all our latest catalogue updates and company info: [www.tvh.com](http://www.tvh.com)

V-BELTS

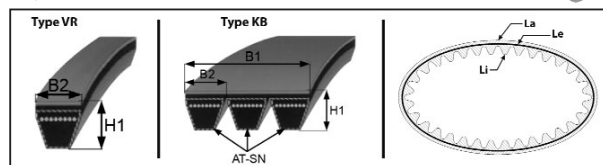
**complete range**



type belt	number of strings	total string width (mm)	total belt width (mm)	external length (mm)	effective length (mm)	internal length (mm)	total string height (mm)	sort belt	reference
TY-RI	AT-SN	B2	B1	La	Le	Li	H1	SO-RI	
VR	1	5,4	0	612	597	600	3,4	GO	<a href="#">137TA1209</a>
VR	1	6	0	750	0	730	4,2	GO	<a href="#">137TA1173</a>
VR	1	6,2	0	618	0	600	4,2	GO	<a href="#">137TA1000</a>
VR	1	7,1	0	1060	0	1025	5,2	SP	<a href="#">136TA9928</a>
VR	1	7,4	0	1090	0	1053	5,4	SP	<a href="#">137TA1069</a>
VR	1	7,5	0	825	0	790	5,4	SP	<a href="#">136TA9899</a>
VR	1	7,6	0	900	0	870	5,2	VO	<a href="#">136TA9985</a>
VR	1	7,6	0	1060	0	1030	5	VO	<a href="#">137TA1136</a>
VR	1	7,8	0	742	0	710	5,2	VM	<a href="#">137TA1139</a>
VR	1	8	0	572	0	550	4,8	VM	<a href="#">137TA1201</a>
VR	1	8	0	693	0	665	5,4	GO	<a href="#">136TA9912</a>
VR	1	8	0	798	0	775	5,3	GO	<a href="#">136TA9687</a>
VR	1	8	0	1270	0	1250	5,7	VO	<a href="#">136TA9702</a>
VR	1	8,5	0	982	975	937	7,7	GO	<a href="#">137TA1192</a>
VR	1	8,6	0	1024	1011	973	8	GO	<a href="#">137TA1273</a>
VR	1	8,6	0	1082	1077	1040	7,9	GO	<a href="#">136TA9832</a>
VR	1	9	0	200	0	1950	7,9	VM	<a href="#">136TA9793</a>
VR	1	9	0	711	0	665	8,4	GO	<a href="#">136TA9835</a>
VR	1	9	0	723	710	672	8	GO	<a href="#">137TA1157</a>
VR	1	9	0	800	0	752	8,6	GO	<a href="#">136TA9971</a>
VR	1	9	0	850	0	795	8,7	GO	<a href="#">137TA1127</a>
VR	1	9	0	1193	1180	1142	7,7	VM	<a href="#">137TA1065</a>
VR	1	9	0	1975	1962	1924	8	VM	<a href="#">137TA1080</a>
VR	1	9,1	0	845	0	800	9	GO	<a href="#">136TA9902</a>
VR	1	9,1	0	1400	1400	1355	8	VM	<a href="#">136TA9767</a>
VR	1	9,2	0	748	732	710	6	VM	<a href="#">137TA1263</a>
VR	1	9,2	0	1415	0	1370	8,5	GO	<a href="#">136TA9979</a>
VR	1	9,2	0	1710	0	1645	8,9	GO	<a href="#">136TA9774</a>
VR	1	9,3	0	635	0	585	7,8	VM	<a href="#">137TA1158</a>
VR	1	9,3	0	1250	1237	1190	8,2	VM	<a href="#">136TA9927</a>
VR	1	9,3	0	1702	0	1655	8,3	VM	<a href="#">136TA9752</a>
VR	1	9,3	0	2013	2000	1962	8	VM	<a href="#">137TA1236</a>
VR	1	9,4	0	902	0	848	8,5	VM	<a href="#">137TA1002</a>
VR	1	9,4	0	1016	0	965	8	VM	<a href="#">137TA1114</a>
VR	1	9,4	0	1100	1087	1049	7,5	VM	<a href="#">137TA1107</a>
VR	1	9,4	0	1462	0	1407	8,1	GO	<a href="#">136TA9737</a>
VR	1	9,5	0	683	670	632	8,4	VM	<a href="#">137TA1079</a>
VR	1	9,5	0	692	687	645	8,3	GO	<a href="#">136TA9834</a>
VR	1	9,5	0	763	750	712	8,4	VM	<a href="#">136TA9895</a>
VR	1	9,5	0	950	937	899	8	VM	<a href="#">137TA1074</a>
VR	1	9,5	0	1025	1012	973	8,7	GO	<a href="#">136TA9725</a>
VR	1	9,5	0	1077	0	1025	8	VM	<a href="#">136TA9859</a>
VR	1	9,5	0	1093	0	1065	6	VM	<a href="#">137TA1042</a>
VR	1	9,5	0	1198	1187	1145	8	VM	<a href="#">136TA9728</a>
VR	1	9,5	0	1375	1362	1324	7,6	VM	<a href="#">137TA1215</a>

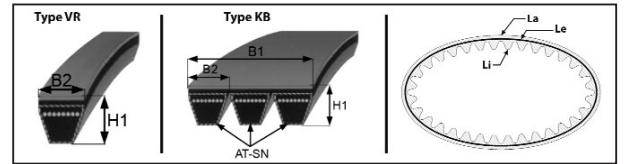


## complete range



type belt	number of strings	total string width (mm)	total belt width (mm)	external length (mm)	effective length (mm)	internal length (mm)	total string height (mm)	sort belt	reference
TY-RI	AT-SN	B2	B1	La	Le	Li	H1	SO-RI	
VR	1	9,5	0	1700	1687	1649	8,5	GO	<a href="#">136TA9995</a>
VR	1	9,6	0	550	537	500	7,4	GO	<a href="#">136TA9893</a>
VR	1	9,6	0	605	0	580	5,9	VO	<a href="#">137TA1255</a>
VR	1	9,6	0	700	687	649	8,5	GO	<a href="#">136TA9975</a>
VR	1	9,6	0	902	0	860	8,6	GO	<a href="#">136TA9848</a>
VR	1	9,6	0	950	937	893	7,7	VM	<a href="#">136TA9879</a>
VR	1	9,6	0	963	950	912	8	GO	<a href="#">137TA1156</a>
VR	1	9,6	0	1150	1137	1099	8,6	GO	<a href="#">137TA1013</a>
VR	1	9,6	0	1158	1142	1120	6,2	VM	<a href="#">137TA1046</a>
VR	1	9,6	0	1275	1262	1222	8,1	VM	<a href="#">136TA9792</a>
VR	1	9,6	0	1333	1320	1280	8,2	VM	<a href="#">136TA9763</a>
VR	1	9,6	0	1475	0	1408	7,7	GO	<a href="#">137TA1104</a>
VR	1	9,6	0	1900	1849	1887	8	VM	<a href="#">136TA9944</a>
VR	1	9,7	0	525	512	474	8	VM	<a href="#">137TA1031</a>
VR	1	9,7	0	575	0	525	8,5	VM	<a href="#">136TA9663</a>
VR	1	9,7	0	800	787	749	8,7	GO	<a href="#">137TA1274</a>
VR	1	9,7	0	813	797	775	6,1	VM	<a href="#">136TA9953</a>
VR	1	9,7	0	813	800	762	7,8	GO	<a href="#">136TA9946</a>
VR	1	9,7	0	888	875	837	8,5	VM	<a href="#">137TA1257</a>
VR	1	9,7	0	925	0	880	8,6	GO	<a href="#">137TA1044</a>
VR	1	9,7	0	934	925	887	8,2	GO	<a href="#">137TA1205</a>
VR	1	9,7	0	1160	0	1120	7,8	VM	<a href="#">137TA1200</a>
VR	1	9,7	0	1165	0	1120	6,9	GO	<a href="#">136TA9884</a>
VR	1	9,7	0	1225	1212	1174	8,1	VM	<a href="#">136TA9993</a>
VR	1	9,7	0	1250	0	1200	7,7	GO	<a href="#">136TA9958</a>
VR	1	9,7	0	1263	1250	1212	7,7	VM	<a href="#">137TA1055</a>
VR	1	9,7	0	1375	0	1322	7,8	VM	<a href="#">136TA9845</a>
VR	1	9,7	0	1513	1500	1462	8	VM	<a href="#">106TA9077</a>
VR	1	9,7	0	1525	1512	1474	7,9	VM	<a href="#">136TA9969</a>
VR	1	9,7	0	1863	1850	1812	8	VM	<a href="#">137TA1137</a>
VR	1	9,8	0	575	562	524	8,7	GO	<a href="#">137TA1258</a>
VR	1	9,8	0	600	587	549	8,1	VM	<a href="#">136TA9973</a>
VR	1	9,8	0	675	662	624	8	VM	<a href="#">137TA1226</a>
VR	1	9,8	0	730	0	700	5,7	VM	<a href="#">137TA1051</a>
VR	1	9,8	0	763	0	722	8,1	GO	<a href="#">136TA9892</a>
VR	1	9,8	0	870	0	825	8,2	GO	<a href="#">137TA1116</a>
VR	1	9,8	0	875	0	827	7,7	GO	<a href="#">136TA9784</a>
VR	1	9,8	0	875	862	824	8	VM	<a href="#">137TA1072</a>
VR	1	9,8	0	902	0	873	6,5	GO	<a href="#">136TA9825</a>
VR	1	9,8	0	914	0	877	5,7	VM	<a href="#">136TA9991</a>
VR	1	9,8	0	975	0	930	8,5	GO	<a href="#">136TA9667</a>
VR	1	9,8	0	985	0	945	7	GO	<a href="#">136TA9847</a>
VR	1	9,8	0	1073	1060	1022	8	VM	<a href="#">137TA1260</a>
VR	1	9,8	0	1120	1112	1065	8,7	GO	<a href="#">136TA9744</a>
VR	1	9,8	0	1133	1120	1082	8	VM	<a href="#">137TA1073</a>

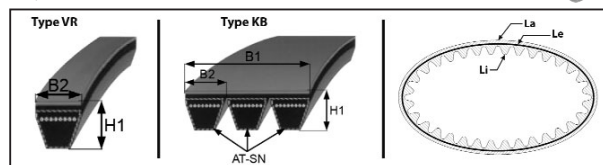
## complete range



type belt	number of strings	total string width (mm)	total belt width (mm)	external length (mm)	effective length (mm)	internal length (mm)	total string height (mm)	sort belt	reference
TY-RI	AT-SN	B2	B1	La	Le	Li	H1	SO-RI	
VR	1	9,8	0	1207	0	1164	8	GO	<a href="#">136TA9978</a>
VR	1	9,8	0	1422	0	1385	5,6	VM	<a href="#">137TA1111</a>
VR	1	9,9	0	613	0	570	7,6	GO	<a href="#">136TA9758</a>
VR	1	9,9	0	925	912	870	8,3	VM	<a href="#">136TA9673</a>
VR	1	9,9	0	1400	0	1347	8	GO	<a href="#">136TA9894</a>
VR	1	10	0	463	447	425	5,8	GO	<a href="#">137TA1223</a>
VR	1	10	0	530	0	497	6,2	VM	<a href="#">137TA1238</a>
VR	1	10	0	563	547	525	6,3	GO	<a href="#">137TA1242</a>
VR	1	10	0	585	0	540	8	GO	<a href="#">136TA9662</a>
VR	1	10	0	650	0	608	7,4	GO	<a href="#">136TA9757</a>
VR	1	10	0	675	0	632	7,4	GO	<a href="#">136TA9754</a>
VR	1	10	0	710	0	656	9	GO	<a href="#">137TA1115</a>
VR	1	10	0	725	0	672	8,5	GO	<a href="#">137TA1085</a>
VR	1	10	0	762	0	714	9,4	GO	<a href="#">136TA9691</a>
VR	1	10	0	763	750	712	7,7	GO	<a href="#">137TA1261</a>
VR	1	10	0	790	0	734	8,1	GO	<a href="#">136TA9980</a>
VR	1	10	0	803	0	763	8,4	GO	<a href="#">136TA9871</a>
VR	1	10	0	850	0	795	7,4	GO	<a href="#">137TA1145</a>
VR	1	10	0	863	847	825	6,4	VM	<a href="#">137TA1147</a>
VR	1	10	0	865	0	815	7,8	GO	<a href="#">137TA1146</a>
VR	1	10	0	888	0	843	7,6	GO	<a href="#">136TA9761</a>
VR	1	10	0	900	0	850	8	GO	<a href="#">136TA9914</a>
VR	1	10	0	902	0	852	8,4	VM	<a href="#">136TA9968</a>
VR	1	10	0	903	0	895	7,4	VM	<a href="#">137TA1128</a>
VR	1	10	0	950	0	843	7,5	GO	<a href="#">136TA9756</a>
VR	1	10	0	952	0	902	8,2	GO	<a href="#">136TA9779</a>
VR	1	10	0	965	0	913	7,7	GO	<a href="#">137TA1174</a>
VR	1	10	0	970	0	920	8,8	GO	<a href="#">136TA9938</a>
VR	1	10	0	1000	0	955	7,8	GO	<a href="#">136TA9730</a>
VR	1	10	0	1000	0	960	9,9	GO	<a href="#">137TA1254</a>
VR	1	10	0	1010	0	960	9	GO	<a href="#">137TA1253</a>
VR	1	10	0	1013	0	967	7,1	GO	<a href="#">136TA9874</a>
VR	1	10	0	1025	0	973	8	GO	<a href="#">136TA9897</a>
VR	1	10	0	1045	0	1015	6,8	VO	<a href="#">136TA9799</a>
VR	1	10	0	1050	0	1001	7,9	GO	<a href="#">136TA9974</a>
VR	1	10	0	1064	1052	1030	6	VM	<a href="#">136TA9800</a>
VR	1	10	0	1075	0	1025	8	GO	<a href="#">136TA9905</a>
VR	1	10	0	1082	1066	1044	6,3	VO	<a href="#">137TA1050</a>
VR	1	10	0	1090	0	1043	7,7	VO	<a href="#">137TA1159</a>
VR	1	10	0	1098	1082	1060	6	VM	<a href="#">136TA9952</a>
VR	1	10	0	1110	0	1055	7,8	GO	<a href="#">137TA1028</a>
VR	1	10	0	1111	0	1080	6	VM	<a href="#">137TA1197</a>
VR	1	10	0	1180	0	1133	8	GO	<a href="#">137TA1090</a>
VR	1	10	0	1185	0	1140	8,5	GO	<a href="#">137TA1262</a>
VR	1	10	0	1200	0	1150	8	GO	<a href="#">137TA1151</a>



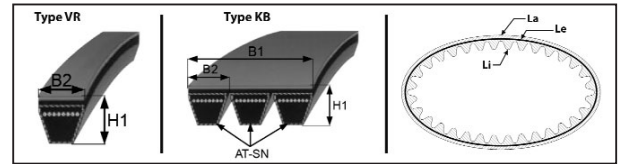
## complete range



type belt	number of strings	total string width (mm)	total belt width (mm)	external length (mm)	effective length (mm)	internal length (mm)	total string height (mm)	sort belt	reference
TY-RI	AT-SN	B2	B1	La	Le	Li	H1	SO-RI	
VR	1	10	0	1225	0	1172	8	GO	<a href="#">137TA1132</a>
VR	1	10	0	1260	0	1212	8	GO	<a href="#">137TA1009</a>
VR	1	10	0	1275	0	1225	8	GO	<a href="#">136TA9911</a>
VR	1	10	0	1300	1287	1249	8,5	VM	<a href="#">137TA1025</a>
VR	1	10	0	1320	0	1278	6	VM	<a href="#">137TA1161</a>
VR	1	10	0	1350	1337	1299	9,2	VM	<a href="#">136TA9665</a>
VR	1	10	0	1395	1382	1344	8	VM	<a href="#">137TA1251</a>
VR	1	10	0	1425	0	1370	7,9	GO	<a href="#">136TA9960</a>
VR	1	10	0	1450	0	1403	8	GO	<a href="#">136TA9966</a>
VR	1	10	0	1460	0	1413	8	GO	<a href="#">136TA9851</a>
VR	1	10	0	1500	1496	1465	5,7	VM	<a href="#">136TA9669</a>
VR	1	10	0	1550	0	1500	8,4	GO	<a href="#">136TA9817</a>
VR	1	10	0	1600	0	1550	7,9	GO	<a href="#">136TA9750</a>
VR	1	10	0	1632	0	1600	6,3	VM	<a href="#">137TA1006</a>
VR	1	10	0	1670	0	1610	7,8	GO	<a href="#">136TA9887</a>
VR	1	10	0	1765	0	1710	8	GO	<a href="#">137TA1134</a>
VR	1	10	0	1813	1797	1775	6	VM	<a href="#">137TA1109</a>
VR	1	10,1	0	613	0	564	8,6	GO	<a href="#">137TA1098</a>
VR	1	10,1	0	990	0	945	7,8	GO	<a href="#">136TA9890</a>
VR	1	10,1	0	1090	0	1043	7,7	VO	<a href="#">136TA9682</a>
VR	1	10,1	0	1125	0	1075	8,1	GO	<a href="#">136TA9930</a>
VR	1	10,1	0	1250	0	1190	7,4	GO	<a href="#">136TA9788</a>
VR	1	10,1	0	1325	1312	1275	7,8	GO	<a href="#">136TA9885</a>
VR	1	10,1	0	1525	0	1475	7,7	GO	<a href="#">136TA9740</a>
VR	1	10,2	0	625	0	585	6,8	GO	<a href="#">136TA9715</a>
VR	1	10,2	0	700	0	660	7,3	GO	<a href="#">136TA9797</a>
VR	1	10,2	0	750	0	715	7,5	VO	<a href="#">137TA1179</a>
VR	1	10,2	0	825	0	772	8	GO	<a href="#">106TA9054</a>
VR	1	10,2	0	925	0	875	8	GO	<a href="#">136TA9917</a>
VR	1	10,2	0	940	0	895	8	GO	<a href="#">136TA9659</a>
VR	1	10,2	0	1000	0	962	7,6	VO	<a href="#">136TA9933</a>
VR	1	10,2	0	1005	0	955	8	GO	<a href="#">136TA9714</a>
VR	1	10,2	0	1020	0	970	8	GO	<a href="#">137TA1246</a>
VR	1	10,2	0	1030	1017	980	7,8	GO	<a href="#">136TA9913</a>
VR	1	10,2	0	1125	0	1075	8,5	GO	<a href="#">136TA9977</a>
VR	1	10,2	0	1140	0	1090	7,9	GO	<a href="#">136TA9804</a>
VR	1	10,2	0	1140	0	1095	8	GO	<a href="#">137TA1038</a>
VR	1	10,2	0	1150	0	1100	8,1	GO	<a href="#">136TA9705</a>
VR	1	10,2	0	1340	0	1290	8,4	GO	<a href="#">137TA1231</a>
VR	1	10,2	0	1340	0	1292	8,5	GO	<a href="#">137TA1029</a>
VR	1	10,2	0	1500	1487	1452	8	GO	<a href="#">137TA1058</a>
VR	1	10,2	0	1665	0	1605	7,6	GO	<a href="#">136TA9724</a>
VR	1	10,2	0	1805	1800	1750	8	VM	<a href="#">136TA9769</a>
VR	1	10,3	0	600	0	560	7,1	GO	<a href="#">136TA9690</a>
VR	1	10,3	0	625	0	581	8,5	GO	<a href="#">136TA9858</a>



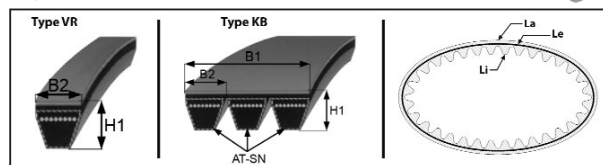
## complete range



type belt	number of strings	total string width (mm)	total belt width (mm)	external length (mm)	effective length (mm)	internal length (mm)	total string height (mm)	sort belt	reference
TY-RI	AT-SN	B2	B1	La	Le	Li	H1	SO-RI	
VR	1	10,3	0	685	0	632	7,8	GO	<a href="#">136TA9881</a>
VR	1	10,3	0	730	0	683	7,5	GO	<a href="#">136TA9854</a>
VR	1	10,3	0	775	0	725	8,3	GO	<a href="#">136TA9961</a>
VR	1	10,3	0	913	0	865	8,4	GO	<a href="#">137TA1100</a>
VR	1	10,3	0	1130	1120	1080	8,5	GO	<a href="#">137TA1067</a>
VR	1	10,3	0	1360	0	1320	8,2	GO	<a href="#">137TA1235</a>
VR	1	10,3	0	1725	0	1688	8	GO	<a href="#">137TA1097</a>
VR	1	10,4	0	850	0	806	7,6	GO	<a href="#">137TA1214</a>
VR	1	10,4	0	930	0	890	7	GO	<a href="#">137TA1119</a>
VR	1	10,4	0	1005	0	965	8	GO	<a href="#">136TA9827</a>
VR	1	10,4	0	1025	1012	975	8,4	GO	<a href="#">136TA9801</a>
VR	1	10,4	0	1060	0	1010	8	GO	<a href="#">137TA1140</a>
VR	1	10,5	0	940	0	895	8	GO	<a href="#">136TA9764</a>
VR	1	10,5	0	960	0	907	8	GO	<a href="#">136TA9982</a>
VR	1	10,5	0	983	0	942	6,8	GO	<a href="#">136TA9749</a>
VR	1	10,5	0	1029	0	987	7,3	VO	<a href="#">136TA9836</a>
VR	1	10,5	0	1115	0	1080	7,2	VO	<a href="#">137TA1272</a>
VR	1	10,5	0	1173	0	1130	7,6	VO	<a href="#">136TA9900</a>
VR	1	10,5	0	1175	0	1120	8,2	GO	<a href="#">136TA9666</a>
VR	1	10,5	0	1215	0	1156	8	GO	<a href="#">137TA1148</a>
VR	1	10,5	0	1238	0	1196	7,3	GO	<a href="#">136TA9751</a>
VR	1	10,5	0	1312	0	1270	8,2	GO	<a href="#">136TA9962</a>
VR	1	10,5	0	1350	0	1300	8,2	GO	<a href="#">106TA9075</a>
VR	1	10,6	0	600	0	560	7,8	GO	<a href="#">137TA1003</a>
VR	1	10,6	0	811	0	766	8,3	GO	<a href="#">137TA1049</a>
VR	1	10,6	0	853	0	812	7,8	GO	<a href="#">136TA9942</a>
VR	1	10,6	0	935	0	898	6,8	GO	<a href="#">136TA9775</a>
VR	1	10,6	0	1035	0	997	7,6	VO	<a href="#">137TA1040</a>
VR	1	10,6	0	1088	0	1045	8,2	GO	<a href="#">136TA9814</a>
VR	1	10,6	0	1200	0	1160	7,7	VO	<a href="#">137TA1230</a>
VR	1	10,6	0	1245	0	1205	7,9	GO	<a href="#">136TA9846</a>
VR	1	10,6	0	1435	0	1390	8	GO	<a href="#">137TA1121</a>
VR	1	10,6	0	1525	0	1473	8	GO	<a href="#">137TA1096</a>
VR	1	10,7	0	550	0	506	8	GO	<a href="#">136TA9808</a>
VR	1	10,7	0	735	0	700	6,8	GO	<a href="#">136TA9755</a>
VR	1	10,7	0	1044	0	1005	8	VO	<a href="#">137TA1176</a>
VR	1	10,7	0	1088	0	1050	7,7	GO	<a href="#">137TA1027</a>
VR	1	10,7	0	1171	0	1131	7,6	GO	<a href="#">137TA1228</a>
VR	1	10,7	0	1184	0	1142	7,4	GO	<a href="#">137TA1193</a>
VR	1	10,7	0	1265	0	1208	9	GO	<a href="#">137TA1102</a>
VR	1	10,7	0	1575	0	1516	8	GO	<a href="#">137TA1117</a>
VR	1	10,8	0	823	0	785	7,5	VO	<a href="#">137TA1249</a>
VR	1	10,8	0	855	0	812	7,8	GO	<a href="#">136TA9778</a>
VR	1	10,8	0	965	0	922	8,3	GO	<a href="#">137TA1120</a>
VR	1	10,8	0	1028	0	990	7,5	VO	<a href="#">137TA1239</a>

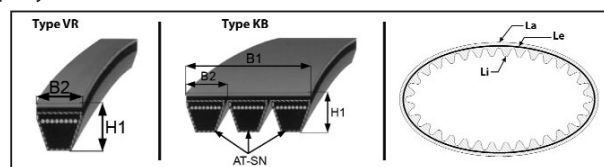


## complete range



type belt	number of strings	total string width (mm)	total belt width (mm)	external length (mm)	effective length (mm)	internal length (mm)	total string height (mm)	sort belt	reference
TY-RI	AT-SN	B2	B1	La	Le	Li	H1	SO-RI	
VR	1	10,8	0	1053	0	1010	8	VO	<a href="#">137TA1234</a>
VR	1	10,8	0	1105	0	1051	7,6	GO	<a href="#">137TA1059</a>
VR	1	10,9	0	838	0	795	8,3	GO	<a href="#">136TA9838</a>
VR	1	10,9	0	838	0	796	8,1	GO	<a href="#">136TA9981</a>
VR	1	10,9	0	1142	0	1100	7,6	VO	<a href="#">136TA9992</a>
VR	1	11	0	875	0	830	7	SP	<a href="#">136TA9909</a>
VR	1	11	0	940	0	900	8	GO	<a href="#">136TA9937</a>
VR	1	11	0	952	0	910	8,2	VO	<a href="#">137TA1023</a>
VR	1	11	0	990	0	932	8,2	VO	<a href="#">136TA9688</a>
VR	1	11	0	1000	0	945	8	GO	<a href="#">136TA9994</a>
VR	1	11	0	1035	0	972	8	GO	<a href="#">136TA9739</a>
VR	1	11	0	1083	0	1038	8,5	GO	<a href="#">136TA9939</a>
VR	1	11	0	1100	0	1068	7	VO	<a href="#">137TA1078</a>
VR	1	11	0	1140	0	1080	8	GO	<a href="#">137TA1082</a>
VR	1	11	0	1160	0	1100	9,4	GO	<a href="#">136TA9996</a>
VR	1	11	0	1180	0	1122	7,8	GO	<a href="#">137TA1039</a>
VR	1	11	0	1180	0	1130	7,5	VO	<a href="#">136TA9898</a>
VR	1	11	0	1383	0	1350	7,3	VO	<a href="#">137TA1077</a>
VR	1	11	0	1405	0	1370	7,8	GO	<a href="#">136TA9926</a>
VR	1	11	0	1475	0	1430	8	GO	<a href="#">136TA9948</a>
VR	1	11,1	0	866	0	820	8,1	GO	<a href="#">136TA9877</a>
VR	1	11,1	0	965	0	902	8,2	GO	<a href="#">136TA9872</a>
VR	1	11,1	0	1225	0	1163	8	GO	<a href="#">137TA1144</a>
VR	1	11,1	0	1365	0	1325	8	GO	<a href="#">136TA9922</a>
VR	1	11,2	0	720	0	685	6,5	VO	<a href="#">136TA9787</a>
VR	1	11,2	0	765	0	712	8	GO	<a href="#">137TA1068</a>
VR	1	11,2	0	775	0	733	6,9	SP	<a href="#">136TA9719</a>
VR	1	11,2	0	950	0	914	7,6	GO	<a href="#">136TA9925</a>
VR	1	11,2	0	1150	0	1120	7	VO	<a href="#">136TA9941</a>
VR	1	11,2	0	1307	0	1275	6,7	VO	<a href="#">137TA1163</a>
VR	1	11,3	0	875	0	837	7,7	GO	<a href="#">136TA9976</a>
VR	1	11,3	0	936	0	892	8	GO	<a href="#">136TA9951</a>
VR	1	11,3	0	1325	0	1260	8	GO	<a href="#">136TA9745</a>
VR	1	11,3	0	1350	0	1317	7	VO	<a href="#">137TA1211</a>
VR	1	11,3	0	1353	0	1320	7,2	VO	<a href="#">137TA1229</a>
VR	1	11,5	0	623	0	583	7,8	VO	<a href="#">136TA9863</a>
VR	1	11,5	0	818	0	771	8,2	GO	<a href="#">136TA9954</a>
VR	1	11,5	0	875	0	835	7,8	GO	<a href="#">137TA1011</a>
VR	1	11,6	0	765	747	702	10	GO	<a href="#">137TA1089</a>
VR	1	11,6	0	772	0	737	8	GO	<a href="#">136TA9770</a>
VR	1	11,6	0	900	0	850	10,2	GO	<a href="#">137TA1270</a>
VR	1	11,6	0	984	982	930	10,5	GO	<a href="#">136TA9857</a>
VR	1	11,6	0	1036	0	1001	8,3	GO	<a href="#">136TA9940</a>
VR	1	11,7	0	975	0	932	7,8	GO	<a href="#">136TA9843</a>
VR	1	11,7	0	1163	1150	1100	10	GO	<a href="#">137TA1241</a>

## complete range



type belt	number of strings	total string width (mm)	total belt width (mm)	external length (mm)	effective length (mm)	internal length (mm)	total string height (mm)	sort belt	reference
TY-RI	AT-SN	B2	B1	La	Le	Li	H1	SO-RI	
VR	1	11,7	0	1250	1232	1180	10,5	VM	<a href="#">136TA9698</a>
VR	1	11,8	0	993	0	940	9,6	GO	<a href="#">137TA1064</a>
VR	1	11,8	0	1206	1198	1165	7,8	VO	<a href="#">136TA9864</a>
VR	1	11,8	0	1290	1272	1226	9	VM	<a href="#">136TA9699</a>
VR	1	11,9	0	695	0	660	7,4	GO	<a href="#">137TA1099</a>
VR	1	11,9	0	1220	0	1163	10,5	VM	<a href="#">136TA9782</a>
VR	1	11,9	0	1560	0	1490	9	GO	<a href="#">136TA9891</a>
VR	1	11,9	0	1680	0	1635	9,7	GO	<a href="#">136TA9706</a>
VR	1	12	0	448	0	415	7,8	VM	<a href="#">137TA1202</a>
VR	1	12	0	808	0	760	9,3	VM	<a href="#">137TA1015</a>
VR	1	12	0	1095	0	1040	10	GO	<a href="#">137TA1207</a>
VR	1	12	0	1250	1230	1200	8,6	GO	<a href="#">137TA1275</a>
VR	1	12	0	1260	1245	1200	10	GO	<a href="#">137TA1277</a>
VR	1	12	0	1475	1457	1412	8,6	VM	<a href="#">137TA1199</a>
VR	1	12,1	0	760	750	702	9,5	GO	<a href="#">137TA1012</a>
VR	1	12,1	0	945	0	897	9,4	GO	<a href="#">137TA1057</a>
VR	1	12,1	0	1350	0	1270	10,2	VM	<a href="#">136TA9736</a>
VR	1	12,2	0	940	0	887	7,9	VM	<a href="#">136TA9840</a>
VR	1	12,3	0	1005	0	965	8,2	VM	<a href="#">136TA9766</a>
VR	1	12,3	0	1128	0	1090	7,8	VM	<a href="#">136TA9844</a>
VR	1	12,4	0	907	0	860	8,4	VM	<a href="#">136TA9791</a>
VR	1	12,4	0	918	900	855	10	VM	<a href="#">137TA1243</a>
VR	1	12,4	0	1140	0	1090	8,5	GO	<a href="#">137TA1070</a>
VR	1	12,4	0	1237	0	1190	8,3	VM	<a href="#">136TA9852</a>
VR	1	12,4	0	1443	1425	1380	10,3	VM	<a href="#">136TA9919</a>
VR	1	12,4	0	1582	0	1530	9,2	GO	<a href="#">136TA9816</a>
VR	1	12,4	0	1818	1800	1745	10	VM	<a href="#">136TA9929</a>
VR	1	12,5	0	645	630	600	8,3	VM	<a href="#">136TA9785</a>
VR	1	12,5	0	653	0	610	8	VM	<a href="#">137TA1162</a>
VR	1	12,5	0	740	0	710	7,3	VO	<a href="#">136TA9837</a>
VR	1	12,5	0	800	782	737	10	VM	<a href="#">137TA1190</a>
VR	1	12,5	0	920	0	875	9	GO	<a href="#">137TA1005</a>
VR	1	12,5	0	965	0	920	7,5	VM	<a href="#">137TA1195</a>
VR	1	12,5	0	975	0	912	9	GO	<a href="#">136TA9934</a>
VR	1	12,5	0	980	0	940	8	VO	<a href="#">137TA1187</a>
VR	1	12,5	0	980	975	925	10,4	VM	<a href="#">136TA9831</a>
VR	1	12,5	0	1008	0	960	8,5	VM	<a href="#">137TA1218</a>
VR	1	12,5	0	1018	0	975	8,5	VM	<a href="#">137TA1112</a>
VR	1	12,5	0	1050	0	990	9	GO	<a href="#">137TA1126</a>
VR	1	12,5	0	1088	0	1040	8,5	VM	<a href="#">137TA1182</a>
VR	1	12,5	0	1090	0	1030	10	GO	<a href="#">137TA1110</a>
VR	1	12,5	0	1143	0	1102	7,7	VO	<a href="#">137TA1216</a>
VR	1	12,5	0	1170	0	1130	8,4	GO	<a href="#">136TA9915</a>
VR	1	12,5	0	1183	1172	1122	10,3	GO	<a href="#">136TA9727</a>
VR	1	12,5	0	1260	0	1205	8,9	GO	<a href="#">136TA9654</a>

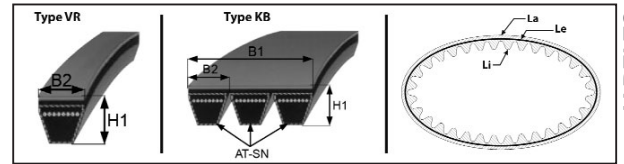
# V-BELTS

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V-BELTS

## complete range



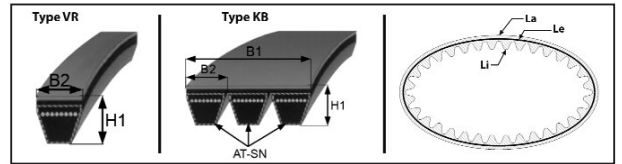
type belt	number of strings	total string width (mm)	total belt width (mm)	external length (mm)	effective length (mm)	internal length (mm)	total string height (mm)	sort belt	reference
TY-RI	AT-SN	B2	B1	La	Le	Li	H1	SO-RI	
VR	1	12,5	0	1268	1250	1205	10	VM	<a href="#">137TA1018</a>
VR	1	12,5	0	1300	0	1240	9	GO	<a href="#">136TA9661</a>
VR	1	12,5	0	1300	1280	1250	8,6	VM	<a href="#">137TA1266</a>
VR	1	12,5	0	1325	1307	1262	9,2	GO	<a href="#">137TA1030</a>
VR	1	12,5	0	1388	1382	1335	9	GO	<a href="#">136TA9856</a>
VR	1	12,5	0	1390	0	1335	10	VM	<a href="#">137TA1160</a>
VR	1	12,5	0	1418	1355	1400	10	VM	<a href="#">137TA1071</a>
VR	1	12,5	0	1450	1432	1387	9,5	GO	<a href="#">137TA1105</a>
VR	1	12,5	0	1480	0	1435	9,3	GO	<a href="#">136TA9824</a>
VR	1	12,5	0	1575	1557	1512	9,2	GO	<a href="#">137TA1056</a>
VR	1	12,6	0	775	0	732	8,3	VO	<a href="#">137TA1108</a>
VR	1	12,6	0	800	0	755	8,4	GO	<a href="#">137TA1066</a>
VR	1	12,6	0	925	907	862	9,7	GO	<a href="#">137TA1269</a>
VR	1	12,6	0	1000	0	950	8,7	GO	<a href="#">136TA9731</a>
VR	1	12,6	0	1000	982	937	10,4	VM	<a href="#">136TA9983</a>
VR	1	12,6	0	1086	1071	1041	8,2	VM	<a href="#">136TA9790</a>
VR	1	12,6	0	1100	1082	1037	9,5	GO	<a href="#">137TA1244</a>
VR	1	12,6	0	1125	1105	1075	8,4	GO	<a href="#">136TA9886</a>
VR	1	12,6	0	1248	1230	1200	7,9	VM	<a href="#">136TA9865</a>
VR	1	12,6	0	1300	0	1270	8,1	VM	<a href="#">136TA9695</a>
VR	1	12,6	0	1440	1432	1377	10	VM	<a href="#">136TA9794</a>
VR	1	12,6	0	2057	2057	2003	9,8	VM	<a href="#">136TA9821</a>
VR	1	12,7	0	477	0	433	8	VM	<a href="#">136TA9771</a>
VR	1	12,7	0	478	0	435	8,4	VM	<a href="#">137TA1034</a>
VR	1	12,7	0	578	0	537	7,4	VM	<a href="#">137TA1129</a>
VR	1	12,7	0	863	843	813	8,4	VM	<a href="#">137TA1054</a>
VR	1	12,7	0	875	0	815	8,5	GO	<a href="#">137TA1048</a>
VR	1	12,7	0	1035	0	985	8,9	GO	<a href="#">137TA1047</a>
VR	1	12,7	0	1078	1060	1015	9,5	GO	<a href="#">136TA9896</a>
VR	1	12,7	0	1085	0	1035	8,5	GO	<a href="#">136TA9870</a>
VR	1	12,7	0	1112	0	1067	7,7	VM	<a href="#">136TA9692</a>
VR	1	12,7	0	1118	0	1062	8,3	GO	<a href="#">136TA9875</a>
VR	1	12,7	0	1138	1120	1070	10	VM	<a href="#">136TA9888</a>
VR	1	12,7	0	1185	0	1155	7,8	VO	<a href="#">136TA9916</a>
VR	1	12,7	0	1233	0	1190	7,8	VO	<a href="#">137TA1171</a>
VR	1	12,7	0	1235	0	1172	8,6	GO	<a href="#">137TA1219</a>
VR	1	12,7	0	1275	0	1225	10,2	VM	<a href="#">136TA9710</a>
VR	1	12,7	0	1360	0	1302	9	GO	<a href="#">137TA1004</a>
VR	1	12,7	0	1375	0	1315	8,7	GO	<a href="#">136TA9709</a>
VR	1	12,7	0	1425	0	1360	8,6	GO	<a href="#">136TA9964</a>
VR	1	12,7	0	1437	1432	1383	9,4	GO	<a href="#">137TA1001</a>
VR	1	12,7	0	1600	0	1540	8,8	GO	<a href="#">137TA1166</a>
VR	1	12,7	0	1790	1780	1750	8,4	VM	<a href="#">136TA9762</a>
VR	1	12,8	0	0	1560	1515	8	SP	<a href="#">136TA9965</a>
VR	1	12,8	0	457	437	407	8,8	VM	<a href="#">136TA9802</a>

# V-BELTS

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V-BELTS

**complete range**

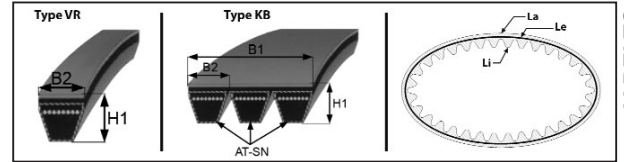


type belt	number of strings	total string width (mm)	total belt width (mm)	external length (mm)	effective length (mm)	internal length (mm)	total string height (mm)	sort belt	reference
TY-RI	AT-SN	B2	B1	La	Le	Li	H1	SO-RI	
VR	1	12,8	0	960	0	906	8,4	GO	<a href="#">137TA1178</a>
VR	1	12,8	0	968	0	915	8,7	GO	<a href="#">137TA1153</a>
VR	1	12,8	0	978	0	940	8,6	GO	<a href="#">137TA1019</a>
VR	1	12,8	0	1023	0	990	7,4	VO	<a href="#">137TA1168</a>
VR	1	12,8	0	1030	0	990	7,4	VO	<a href="#">136TA9826</a>
VR	1	12,8	0	1035	0	990	8	VO	<a href="#">136TA9668</a>
VR	1	12,8	0	1130	0	1080	8,8	GO	<a href="#">136TA9988</a>
VR	1	12,8	0	1185	0	1122	8,4	GO	<a href="#">136TA9868</a>
VR	1	12,8	0	1200	0	1145	8,8	GO	<a href="#">136TA9711</a>
VR	1	12,8	0	1250	0	1210	8,6	GO	<a href="#">137TA1175</a>
VR	1	12,8	0	1280	0	1220	9,2	GO	<a href="#">136TA9839</a>
VR	1	12,8	0	1300	1282	1237	10	GO	<a href="#">137TA1106</a>
VR	1	12,8	0	1308	0	1265	10,2	VM	<a href="#">136TA9789</a>
VR	1	12,8	0	1325	0	1260	8,8	GO	<a href="#">136TA9746</a>
VR	1	12,8	0	1385	0	1322	8,4	GO	<a href="#">136TA9963</a>
VR	1	12,8	0	1400	0	1340	8,7	GO	<a href="#">136TA9931</a>
VR	1	12,8	0	1460	0	1396	8,9	GO	<a href="#">136TA9722</a>
VR	1	12,8	0	1465	0	1415	8,5	GO	<a href="#">136TA9708</a>
VR	1	12,8	0	1475	0	1410	8,5	GO	<a href="#">136TA9998</a>
VR	1	12,8	0	1485	0	1422	8,9	GO	<a href="#">136TA9701</a>
VR	1	12,8	0	1500	0	1440	9	GO	<a href="#">137TA1142</a>
VR	1	12,8	0	1525	1507	1462	10	VM	<a href="#">137TA1033</a>
VR	1	12,8	0	1650	0	1592	8,7	GO	<a href="#">137TA1131</a>
VR	1	12,9	0	602	0	568	7,7	VM	<a href="#">136TA9723</a>
VR	1	12,9	0	775	0	713	8,4	GO	<a href="#">137TA1133</a>
VR	1	12,9	0	933	0	895	7,5	VO	<a href="#">136TA9811</a>
VR	1	12,9	0	950	0	900	9,4	GO	<a href="#">136TA9732</a>
VR	1	12,9	0	975	955	935	7,6	GO	<a href="#">136TA9672</a>
VR	1	12,9	0	1000	0	941	8,3	GO	<a href="#">136TA9883</a>
VR	1	12,9	0	1040	0	990	8,6	GO	<a href="#">136TA9889</a>
VR	1	12,9	0	1040	0	995	8,8	GO	<a href="#">137TA1123</a>
VR	1	12,9	0	1060	0	1015	8,8	GO	<a href="#">136TA9959</a>
VR	1	12,9	0	1175	0	1115	8,7	GO	<a href="#">136TA9675</a>
VR	1	12,9	0	1200	0	1180	7,7	VO	<a href="#">136TA9748</a>
VR	1	12,9	0	1210	0	1150	8,6	GO	<a href="#">136TA9743</a>
VR	1	12,9	0	1256	0	1220	9,1	GO	<a href="#">136TA9685</a>
VR	1	12,9	0	1310	0	1255	8,4	GO	<a href="#">136TA9681</a>
VR	1	12,9	0	1340	0	1285	8,9	GO	<a href="#">136TA9680</a>
VR	1	12,9	0	1350	0	1295	8,7	GO	<a href="#">136TA9721</a>
VR	1	12,9	0	1370	0	1320	8,9	GO	<a href="#">136TA9678</a>
VR	1	12,9	0	1450	0	1400	9	GO	<a href="#">136TA9901</a>
VR	1	12,9	0	1570	1557	1500	10	VM	<a href="#">136TA9735</a>
VR	1	12,9	0	1585	0	1518	8,5	GO	<a href="#">136TA9720</a>
VR	1	12,9	0	1600	0	1545	9,1	GO	<a href="#">136TA9830</a>
VR	1	12,9	0	1625	0	1555	8,9	GO	<a href="#">136TA9741</a>



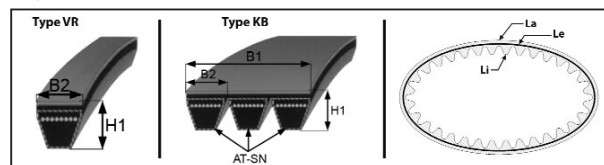


## complete range



type belt	number of strings	total string width (mm)	total belt width (mm)	external length (mm)	effective length (mm)	internal length (mm)	total string height (mm)	sort belt	reference
TY-RI	AT-SN	B2	B1	La	Le	Li	H1	SO-RI	
VR	1	12,9	0	2940	2932	2877	9,9	VM	<a href="#">136TA9783</a>
VR	1	13	0	553	0	508	7,8	GO	<a href="#">136TA9862</a>
VR	1	13	0	722	0	675	9,3	GO	<a href="#">137TA1022</a>
VR	1	13	0	750	0	700	8	GO	<a href="#">137TA1194</a>
VR	1	13	0	750	732	699	10,9	VM	<a href="#">137TA1172</a>
VR	1	13	0	760	740	710	8,8	VM	<a href="#">136TA9957</a>
VR	1	13	0	825	0	777	8,8	GO	<a href="#">136TA9986</a>
VR	1	13	0	850	0	805	8	GO	<a href="#">106TA9080</a>
VR	1	13	0	880	0	845	7,6	VO	<a href="#">137TA1248</a>
VR	1	13	0	890	0	850	9	GO	<a href="#">136TA9903</a>
VR	1	13	0	891	871	841	8,5	VM	<a href="#">137TA1007</a>
VR	1	13	0	907	0	870	8	GO	<a href="#">137TA1271</a>
VR	1	13	0	908	0	865	8,5	GO	<a href="#">137TA1155</a>
VR	1	13	0	968	0	925	8,3	GO	<a href="#">137TA1208</a>
VR	1	13	0	1010	0	955	8,3	GO	<a href="#">137TA1135</a>
VR	1	13	0	1030	0	970	8,7	GO	<a href="#">137TA1170</a>
VR	1	13	0	1050	1030	1000	8,6	VM	<a href="#">137TA1032</a>
VR	1	13	0	1060	0	1005	8,9	GO	<a href="#">136TA9768</a>
VR	1	13	0	1070	1060	1010	11	VM	<a href="#">137TA1252</a>
VR	1	13	0	1075	0	1030	8,8	GO	<a href="#">136TA9987</a>
VR	1	13	0	1077	1060	1030	8,4	VM	<a href="#">136TA9855</a>
VR	1	13	0	1110	0	1065	8,6	GO	<a href="#">137TA1037</a>
VR	1	13	0	1110	1100	1080	6,2	VO	<a href="#">136TA9841</a>
VR	1	13	0	1153	0	1120	8	VO	<a href="#">136TA9658</a>
VR	1	13	0	1162	0	1110	10,6	VM	<a href="#">137TA1198</a>
VR	1	13	0	1205	1185	1155	8,5	GO	<a href="#">137TA1240</a>
VR	1	13	0	1225	1207	1157	10,2	GO	<a href="#">136TA9861</a>
VR	1	13	0	1400	1382	1337	9,2	GO	<a href="#">137TA1021</a>
VR	1	13	0	1425	1405	1375	7,4	GO	<a href="#">137TA1150</a>
VR	1	13	0	1470	0	1420	8,5	GO	<a href="#">136TA9689</a>
VR	1	13	0	1470	1452	1422	8,2	VM	<a href="#">136TA9694</a>
VR	1	13	0	1490	0	1450	9	GO	<a href="#">137TA1130</a>
VR	1	13	0	1510	0	1462	8,8	GO	<a href="#">137TA1026</a>
VR	1	13	0	1525	0	1460	8,5	GO	<a href="#">136TA9729</a>
VR	1	13	0	1525	0	1490	8,5	GO	<a href="#">136TA9943</a>
VR	1	13	0	1555	0	1515	8,5	GO	<a href="#">137TA1020</a>
VR	1	13	0	1575	0	1515	8,6	GO	<a href="#">136TA9869</a>
VR	1	13	0	1600	1580	1550	8	VM	<a href="#">137TA1052</a>
VR	1	13	0	1610	1600	1550	10	VM	<a href="#">136TA9703</a>
VR	1	13	0	1700	1680	1650	8	VM	<a href="#">137TA1075</a>
VR	1	13	0	1750	1732	1687	10	VM	<a href="#">137TA1164</a>
VR	1	13	0	1775	0	1707	8,5	GO	<a href="#">137TA1091</a>
VR	1	13	0	1900	0	1835	9,5	GO	<a href="#">137TA1232</a>
VR	1	13	0	2240	2222	2177	10	GO	<a href="#">137TA1191</a>
VR	1	13,1	0	1507	0	1456	8,4	VO	<a href="#">136TA9700</a>

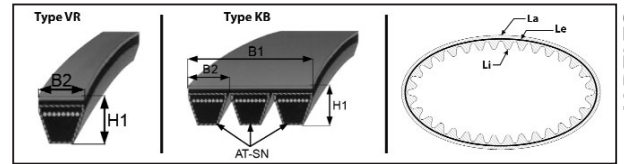
## complete range



type belt	number of strings	total string width (mm)	total belt width (mm)	external length (mm)	effective length (mm)	internal length (mm)	total string height (mm)	sort belt	reference
TY-RI	AT-SN	B2	B1	La	Le	Li	H1	SO-RI	
VR	1	13,2	0	605	584	570	7,4	VO	<a href="#">137TA1016</a>
VR	1	13,2	0	800	780	750	8,8	VM	<a href="#">137TA1189</a>
VR	1	13,2	0	1000	0	945	10	GO	<a href="#">137TA1010</a>
VR	1	13,2	0	1044	0	1000	8	VO	<a href="#">137TA1265</a>
VR	1	13,2	0	1080	0	1027	9,4	GO	<a href="#">136TA9780</a>
VR	1	13,2	0	1100	0	1040	9,4	GO	<a href="#">137TA1237</a>
VR	1	13,2	0	1218	1198	1168	8,1	VM	<a href="#">136TA9747</a>
VR	1	13,2	0	1300	0	1245	8,6	GO	<a href="#">137TA1062</a>
VR	1	13,2	0	1450	0	1390	9,5	GO	<a href="#">137TA1024</a>
VR	1	13,2	0	1514	0	1463	9,3	GO	<a href="#">136TA9924</a>
VR	1	13,2	0	1700	0	1645	9	GO	<a href="#">136TA9907</a>
VR	1	13,2	0	1842	1830	1783	8,9	GO	<a href="#">136TA9842</a>
VR	1	13,3	0	1020	0	971	8,7	GO	<a href="#">136TA9829</a>
VR	1	13,3	0	1085	0	1045	7,5	VO	<a href="#">136TA9697</a>
VR	1	13,3	0	1138	0	1086	8,9	GO	<a href="#">136TA9812</a>
VR	1	13,3	0	1163	1143	1113	9	GO	<a href="#">137TA1217</a>
VR	1	13,3	0	1700	0	1633	9,5	GO	<a href="#">136TA9803</a>
VR	1	13,3	0	1800	0	1742	9,2	GO	<a href="#">136TA9822</a>
VR	1	13,4	0	940	0	900	7,8	VO	<a href="#">136TA9777</a>
VR	1	13,4	0	1075	0	1023	9,5	GO	<a href="#">137TA1101</a>
VR	1	13,4	0	1095	0	1040	10	GO	<a href="#">136TA9660</a>
VR	1	13,4	0	1147	0	1095	10	GO	<a href="#">137TA1250</a>
VR	1	13,4	0	1200	0	1145	8,3	GO	<a href="#">136TA9671</a>
VR	1	13,4	0	1482	0	1433	9	GO	<a href="#">137TA1264</a>
VR	1	13,5	0	808	0	762	8,8	GO	<a href="#">136TA9866</a>
VR	1	13,5	0	858	0	813	9	GO	<a href="#">137TA1086</a>
VR	1	13,5	0	1145	0	1095	9,3	GO	<a href="#">137TA1103</a>
VR	1	13,5	0	1232	0	1190	8	VO	<a href="#">137TA1124</a>
VR	1	13,5	0	1234	0	1195	8	VO	<a href="#">136TA9997</a>
VR	1	13,5	0	1645	1630	1596	7,8	GO	<a href="#">136TA9807</a>
VR	1	13,6	0	746	0	1693	10,4	GO	<a href="#">136TA9806</a>
VR	1	13,6	0	845	0	795	9	GO	<a href="#">137TA1118</a>
VR	1	13,6	0	1030	0	976	9,4	GO	<a href="#">136TA9772</a>
VR	1	13,6	0	1150	0	1095	9	GO	<a href="#">137TA1225</a>
VR	1	13,7	0	700	0	650	9	GO	<a href="#">137TA1063</a>
VR	1	13,7	0	1720	0	1670	9,2	GO	<a href="#">136TA9676</a>
VR	1	13,8	0	1020	0	967	9,1	GO	<a href="#">136TA9882</a>
VR	1	13,8	0	1375	0	1320	9	GO	<a href="#">137TA1247</a>
VR	1	13,8	0	1580	1575	1525	9	GO	<a href="#">137TA1259</a>
VR	1	13,9	0	968	0	917	9	GO	<a href="#">136TA9809</a>
VR	1	13,9	0	1222	0	1175	9,5	GO	<a href="#">136TA9833</a>
VR	1	13,9	0	1637	0	1580	9,2	GO	<a href="#">136TA9686</a>
VR	1	14	0	1355	0	1315	8	VO	<a href="#">136TA9712</a>
VR	1	14	0	1425	0	1370	9,2	GO	<a href="#">136TA9828</a>
VR	1	14,3	0	1225	0	1185	8,2	VO	<a href="#">136TA9760</a>



## complete range



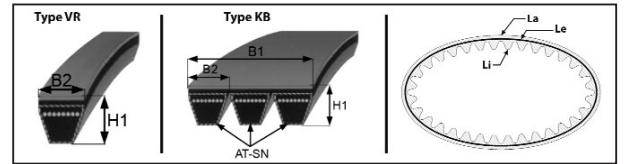
type belt	number of strings	total string width (mm)	total belt width (mm)	external length (mm)	effective length (mm)	internal length (mm)	total string height (mm)	sort belt	reference
TY-RI	AT-SN	B2	B1	La	Le	Li	H1	SO-RI	
VR	1	15	0	1185	1170	1130	10,4	GO	<a href="#">136TA9813</a>
VR	1	15,1	0	1212	0	1136	14	GO	<a href="#">136TA9970</a>
VR	1	15,2	0	1146	1130	1090	11,2	VM	<a href="#">136TA9805</a>
VR	1	15,2	0	1800	1778	1718	13	VM	<a href="#">136TA9819</a>
VR	1	15,2	0	2137	2120	2070	12,6	VM	<a href="#">136TA9815</a>
VR	1	15,3	0	1865	1860	1792	13,3	VM	<a href="#">136TA9853</a>
VR	1	15,4	0	1236	0	1175	11,5	GO	<a href="#">136TA9873</a>
VR	1	15,4	0	1359	0	1300	11,8	GO	<a href="#">136TA9776</a>
VR	1	15,5	0	1110	0	1045	11,5	GO	<a href="#">137TA1206</a>
VR	1	15,5	0	1222	0	1162	11,2	GO	<a href="#">136TA9742</a>
VR	1	15,5	0	1260	0	1180	11,3	GO	<a href="#">136TA9738</a>
VR	1	15,5	0	1420	0	1370	10	VO	<a href="#">136TA9867</a>
VR	1	15,5	0	1487	0	1426	11,6	GO	<a href="#">136TA9999</a>
VR	1	15,6	0	1226	0	1162	11,7	GO	<a href="#">136TA9947</a>
VR	1	15,6	0	1345	0	1285	11,4	GO	<a href="#">136TA9696</a>
VR	1	15,6	0	1635	0	1575	11,5	GO	<a href="#">137TA1061</a>
VR	1	15,6	0	1636	0	1575	11,5	GO	<a href="#">137TA1196</a>
VR	1	15,7	0	2570	0	2520	11,3	GO	<a href="#">137TA1149</a>
VR	1	15,8	0	1722	1700	1625	13,4	VM	<a href="#">136TA9734</a>
VR	1	15,8	0	4075	4064	4004	14,3	VM	<a href="#">136TA9918</a>
VR	1	16	0	1004	0	950	10	VM	<a href="#">137TA1203</a>
VR	1	16	0	1493	0	1425	13,3	GO	<a href="#">137TA1081</a>
VR	1	16	0	2110	2100	2060	10	VM	<a href="#">136TA9818</a>
VR	1	16,2	0	1882	1860	1800	13	GO	<a href="#">137TA1036</a>
VR	1	16,3	0	1344	1315	1275	10,8	VM	<a href="#">137TA1017</a>
VR	1	16,5	0	980	0	925	10,6	VM	<a href="#">136TA9984</a>
VR	1	16,5	0	1120	0	1060	11	GO	<a href="#">137TA1138</a>
VR	1	16,5	0	1193	0	1140	11,5	VM	<a href="#">136TA9683</a>
VR	1	16,5	0	1215	0	1155	11,7	GO	<a href="#">136TA9786</a>
VR	1	16,5	0	1225	1215	1170	10,5	GO	<a href="#">136TA9670</a>
VR	1	16,5	0	1393	0	1340	9,6	VO	<a href="#">137TA1180</a>
VR	1	16,5	0	1410	0	1360	10,4	GO	<a href="#">136TA9798</a>
VR	1	16,5	0	1460	0	1410	11	GO	<a href="#">137TA1122</a>
VR	1	16,5	0	1550	0	1490	11,2	GO	<a href="#">137TA1060</a>
VR	1	16,6	0	1067	1040	1000	11,9	VM	<a href="#">137TA1267</a>
VR	1	16,6	0	1067	1040	1000	11,9	VM	<a href="#">136TA9810</a>
VR	1	16,6	0	1133	0	1075	10,6	GO	<a href="#">137TA1167</a>
VR	1	16,6	0	1235	0	1175	11,4	GO	<a href="#">137TA1233</a>
VR	1	16,6	0	1243	0	1185	10,5	GO	<a href="#">137TA1177</a>
VR	1	16,6	0	1257	0	1200	10,8	GO	<a href="#">136TA9949</a>
VR	1	16,6	0	1265	1255	1215	11	VM	<a href="#">136TA9921</a>
VR	1	16,6	0	1472	0	1420	11	GO	<a href="#">136TA9713</a>
VR	1	16,7	0	892	0	835	10,5	GO	<a href="#">136TA9950</a>
VR	1	16,7	0	1095	0	1040	10,8	GO	<a href="#">136TA9932</a>
VR	1	16,7	0	1143	0	1096	9,7	VO	<a href="#">137TA1113</a>

# V-BELTS

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V-BELTS

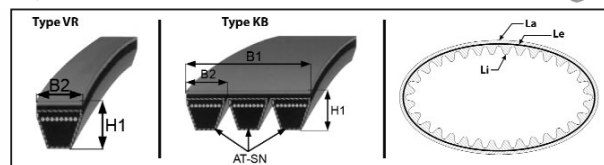
**complete range**



type belt	number of strings	total string width (mm)	total belt width (mm)	external length (mm)	effective length (mm)	internal length (mm)	total string height (mm)	sort belt	reference
TY-RI	AT-SN	B2	B1	La	Le	Li	H1	SO-RI	
VR	1	16,7	0	1365	0	1310	10,9	GO	<a href="#">136TA9781</a>
VR	1	16,7	0	1726	1716	1676	11	VM	<a href="#">136TA9707</a>
VR	1	16,7	0	1942	0	1890	10,6	GO	<a href="#">137TA1053</a>
VR	1	16,8	0	0	0	1400	10	VO	<a href="#">136TA9753</a>
VR	1	16,8	0	945	0	890	11	GO	<a href="#">137TA1152</a>
VR	1	16,8	0	1022	0	965	10,7	GO	<a href="#">136TA9956</a>
VR	1	16,8	0	1036	0	975	11	GO	<a href="#">137TA1143</a>
VR	1	16,8	0	1085	1056	1016	11,4	VM	<a href="#">137TA1245</a>
VR	1	16,8	0	1100	0	1050	10,2	GO	<a href="#">137TA1184</a>
VR	1	16,8	0	1150	1130	1095	10,8	GO	<a href="#">136TA9878</a>
VR	1	16,8	0	1173	0	1120	10,7	GO	<a href="#">136TA9876</a>
VR	1	16,8	0	1208	1190	1153	10,8	GO	<a href="#">136TA9693</a>
VR	1	16,8	0	1295	0	1235	10,6	GO	<a href="#">136TA9904</a>
VR	1	16,8	0	1425	0	1370	10,7	GO	<a href="#">136TA9849</a>
VR	1	16,8	0	1444	0	1385	11,8	GO	<a href="#">137TA1043</a>
VR	1	16,8	0	1453	0	1400	10,6	GO	<a href="#">136TA9955</a>
VR	1	16,8	0	1569	1540	1500	11,4	GO	<a href="#">137TA1169</a>
VR	1	16,9	0	927	0	865	10,8	GO	<a href="#">136TA9796</a>
VR	1	16,9	0	1260	0	1210	10,5	GO	<a href="#">136TA9677</a>
VR	1	16,9	0	1273	0	1220	10,9	GO	<a href="#">136TA9880</a>
VR	1	17	0	677	0	623	9,8	VO	<a href="#">136TA9860</a>
VR	1	17	0	779	750	71	10	GO	<a href="#">137TA1125</a>
VR	1	17	0	815	0	775	8,5	VO	<a href="#">137TA1268</a>
VR	1	17	0	872	0	825	9	VO	<a href="#">137TA1221</a>
VR	1	17	0	998	0	940	11,1	GO	<a href="#">136TA9945</a>
VR	1	17	0	1050	0	990	11,3	GO	<a href="#">136TA9990</a>
VR	1	17	0	1075	0	1013	10,7	GO	<a href="#">137TA1141</a>
VR	1	17	0	1075	0	1015	11,2	GO	<a href="#">136TA9759</a>
VR	1	17	0	1156	0	1100	11	GO	<a href="#">137TA1076</a>
VR	1	17	0	1284	1255	1215	10	GO	<a href="#">137TA1041</a>
VR	1	17	0	1315	0	1260	10,8	GO	<a href="#">136TA9989</a>
VR	1	17	0	1335	0	1290	9	VO	<a href="#">136TA9679</a>
VR	1	17	0	1360	0	1308	10,7	GO	<a href="#">137TA1165</a>
VR	1	17	0	1400	0	1360	11,1	GO	<a href="#">136TA9795</a>
VR	1	17	0	1513	0	1460	10,4	GO	<a href="#">137TA1183</a>
VR	1	17	0	1533	0	1475	10,5	GO	<a href="#">137TA1154</a>
VR	1	17	0	1538	0	1490	11,3	GO	<a href="#">136TA9972</a>
VR	1	17	0	1760	1740	1710	11	GO	<a href="#">137TA1256</a>
VR	1	17,2	0	962	0	897	12,1	GO	<a href="#">136TA9726</a>
VR	1	17,2	0	1200	0	1145	11,3	GO	<a href="#">137TA1087</a>
VR	1	17,2	0	1240	0	1180	11	GO	<a href="#">137TA1045</a>
VR	1	17,2	0	1303	0	1245	11	GO	<a href="#">136TA9923</a>
VR	1	17,2	0	1323	0	1270	10,3	GO	<a href="#">136TA9935</a>
VR	1	17,2	0	1353	1340	1300	11,2	VM	<a href="#">136TA9765</a>
VR	1	17,3	0	1700	0	1637	10,5	VM	<a href="#">136TA9908</a>



## complete range



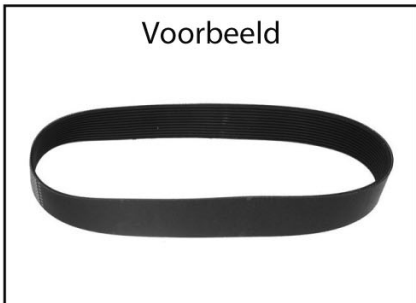
type belt	number of strings	total string width (mm)	total belt width (mm)	external length (mm)	effective length (mm)	internal length (mm)	total string height (mm)	sort belt	reference
TY-RI	AT-SN	B2	B1	La	Le	Li	H1	SO-RI	
VR	1	17,4	0	1213	0	1266	10,7	VM	<a href="#">137TA1227</a>
VR	1	17,5	0	1200	0	1140	10,8	VM	<a href="#">137TA1014</a>
VR	1	17,5	0	1745	0	1685	10,3	VM	<a href="#">137TA1210</a>
VR	1	17,5	0	1790	0	1735	10	VM	<a href="#">137TA1095</a>
VR	1	17,6	0	1055	0	995	11,7	GO	<a href="#">137TA1213</a>
VR	1	19	0	1145	0	1080	12,5	GO	<a href="#">137TA1084</a>
VR	1	19	0	1305	0	1250	12,5	VM	<a href="#">136TA9936</a>
VR	1	20	0	1122	0	1060	12,2	GO	<a href="#">137TA1185</a>
VR	1	20	0	1216	0	1135	13,5	GO	<a href="#">137TA1186</a>
VR	1	20	0	1305	0	1235	12,5	VM	<a href="#">137TA1204</a>
VR	1	21	0	1075	0	1010	12,3	GO	<a href="#">136TA9773</a>
VR	1	21	0	1777	0	1710	13	GO	<a href="#">136TA9920</a>
VR	1	21,5	0	1590	1582	1524	14,2	VM	<a href="#">136TA9674</a>
VR	1	21,7	0	2120	0	2060	14,4	VM	<a href="#">136TA9823</a>
VR	1	22	0	1230	0	1160	13,6	GO	<a href="#">137TA1212</a>
VR	1	22	0	1487	0	1425	12,9	GO	<a href="#">136TA9967</a>
VR	1	22	0	1864	0	1795	14	GO	<a href="#">137TA1008</a>
VR	1	22	0	1968	1938	1880	14,5	VM	<a href="#">137TA1181</a>
VR	1	22,2	0	1178	1148	1090	14	GO	<a href="#">137TA1224</a>
VR	1	22,3	0	1865	0	1795	13,2	GO	<a href="#">136TA9850</a>
VR	1	22,5	0	1477	0	1410	12,6	GO	<a href="#">136TA9664</a>
VR	1	22,5	0	1852	0	1785	13	GO	<a href="#">136TA9906</a>
VR	1	25	0	1622	0	1540	14,3	GO	<a href="#">136TA9704</a>
VR	1	32,3	0	1005	0	950	10,6	GO	<a href="#">137TA1276</a>
VR	1	46,8	0	1525	0	1420	17,3	GO	<a href="#">137TA1220</a>
KB	2	10	20	1800	0	1765	10,5	GO	<a href="#">136TA9655</a>
KB	2	10	20	4686	0	0	9,8	GO	<a href="#">136TA9684</a>
KB	2	10,2	20,3	1536	0	1498	9,7	GO	<a href="#">137TA1088</a>
KB	2	10,2	20,4	1830	0	1790	10,3	VM	<a href="#">137TA1035</a>
KB	2	9,7	19,3	1845	0	1790	9,9	GO	<a href="#">136TA9733</a>
KB	3	9,9	29,8	1732	0	1690	9,9	GO	<a href="#">136TA9716</a>
KB	3	10	30	1473	0	1435	10,2	GO	<a href="#">136TA9657</a>
KB	3	10	30	1485	0	1435	10	GO	<a href="#">137TA1222</a>
KB	3	10	30	1524	0	1480	10,5	GO	<a href="#">136TA9653</a>
KB	3	10,2	30,5	1450	0	1407	9,6	GO	<a href="#">137TA1083</a>
KB	3	10,2	30,5	1490	0	1450	10	GO	<a href="#">136TA9717</a>
KB	3	10,2	30,6	1412	0	1371	9,7	GO	<a href="#">137TA1092</a>
KB	4	10	40	1725	0	1690	10	GO	<a href="#">136TA9656</a>
KB	4	10,2	40,6	1825	0	1783	9,6	GO	<a href="#">137TA1093</a>
KB	4	10,2	40,8	1753	0	1715	9,7	GO	<a href="#">137TA1094</a>
KB	4	10,2	40,8	1800	0	1765	10	GO	<a href="#">137TA1188</a>
KB	4	10,3	41	1780	0	1740	9,6	GO	<a href="#">136TA9910</a>
KB	5	10,1	50,7	1843	0	1800	9,4	GO	<a href="#">136TA9820</a>
KB	5	10,2	51	1982	0	1935	10,3	GO	<a href="#">136TA9718</a>





## Technische fiche PLATTE RIEM AANDRIJVING

Groep  
**01-03-14-00**



Gegevens klant



Type machine: .....

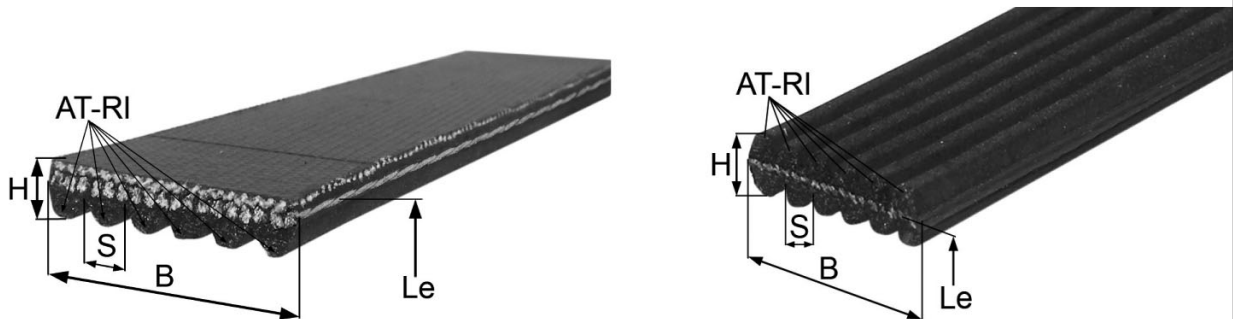
Prijsaanvraag

Serie nr. machine: .....

Bestelling

CODE: B x H x Le x RIB x AT-RIB x S x TY-SO

- .,.,. B..... Totale breedte riem, zie figuur.
- .,.,. H..... Totale hoogte riem, zie figuur.
- ..... Le..... Effectieve lengte.
- ..... RIB..... Ribben aanwezig: JA/NEE.
- ..... AT-RIB..... Aantal ribben.
- .,.,. S..... Ribbreedte, zie figuur.
- ..... TY-SO ..... Soort riem:  
*PH: S = 1,6 mm; H ≈ 2,5 mm.*  
*PJ: S = 2,34 mm; H ≈ 3,5 mm.*  
*PK: S = 3,56 mm; H ≈ 4,6 mm.*  
*PL: S = 4,7 mm; H ≈ 7 mm.*  
*PM: S = 9,4 mm; H ≈ 13 mm.*  
 Riemen met ribben langs beide kanten: D + type (vb: DPK, DPL,...).  
*S: speciale riem.*

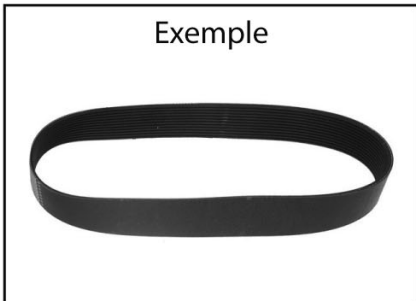




## Fiche technique COURROIE PLATE

FLAT DRIVE BELTS

Groupe  
**01-03-14-00**



Nom de votre société

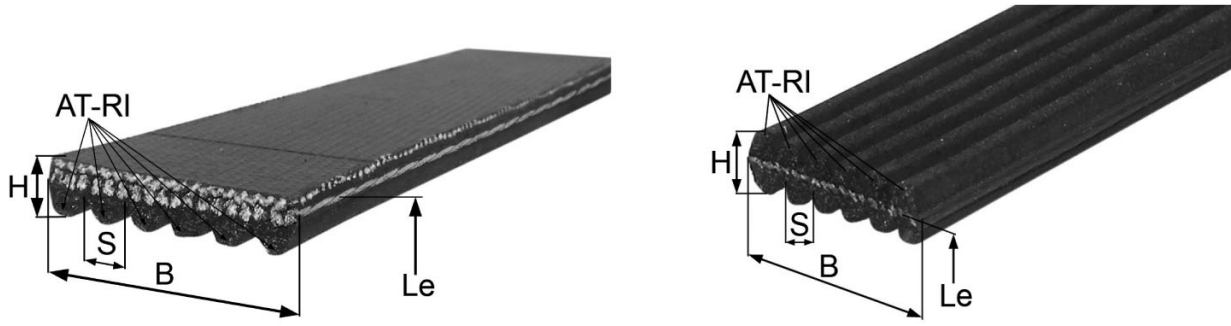


Type machine : .....  Demande de prix  
 No. série machine : .....  Commande

CODE : B x H x Le x RIB x AT-RIB x S x TY-SO

.....  
 .....  
 .....  
 .....  
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 .....

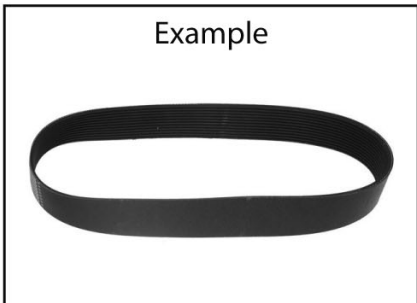
- B..... Largeur totale de la courroie, voir figure.
- H..... Hauteur totale de la courroie, voir figure.
- Le..... Longueur réelle.
- RIB..... Courroie striée : OUI/NON.
- AT-RIB..... Nombre de stries.
- S..... Largeur de strie, voir figure.
- TY-SO ..... Sorte de courroie :  
*PH : S = 1,6 mm ; H ≈ 2,5 mm.*  
*PJ : S = 2,34 mm ; H ≈ 3,5 mm.*  
*PK : S = 3,56 mm ; H ≈ 4,6 mm.*  
*PL : S = 4,7 mm ; H ≈ 7 mm.*  
*PM : S = 9,4 mm ; H ≈ 13 mm.*  
 Courroies double face : mettre un D devant le type (ex : DPK, DPL,...).  
*S : courroie spéciale.*





## Technical detail FLAT DRIVE BELT

Group  
**01-03-14-00**



Customer details



Type machine: .....

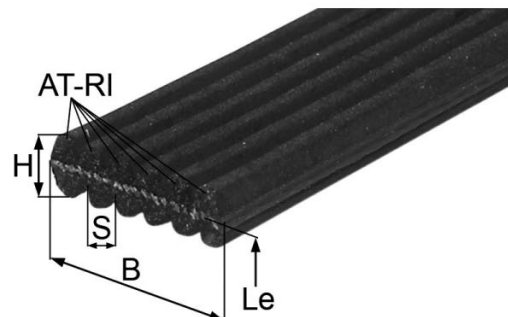
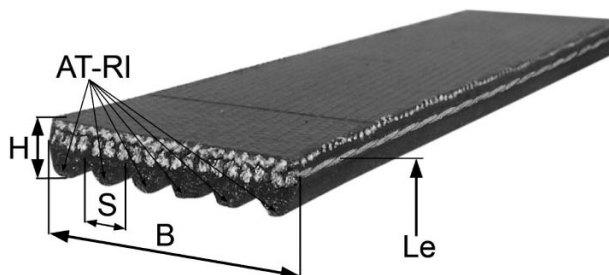
Price inquiry

Serial no. machine: .....

Order

CODE: B x H x Le x RIB x AT-RIB x S x TY-SO

- .,., B..... Total width of the belt, see figure.
  - .,., H..... Total height of the belt, see figure.
  - ..... Le..... Effective length.
  - ..... RIB..... Ribbed: YES/NO.
  - ..... AT-RIB..... Number of ribs.
  - .,., S..... Rib width, see figure.
  - ..... TY-SO..... Type of belt:
    - PH:  $S = 1,6 \text{ mm}; H \approx 2,5 \text{ mm}.$
    - PJ:  $S = 2,34 \text{ mm}; H \approx 3,5 \text{ mm}.$
    - PK:  $S = 3,56 \text{ mm}; H \approx 4,6 \text{ mm}.$
    - PL:  $S = 4,7 \text{ mm}; H \approx 7 \text{ mm}.$
    - PM:  $S = 9,4 \text{ mm}; H \approx 13 \text{ mm}.$
- Belts with ribs on both sides: D + type (e.g: DPK, DPL,...).
- S: special belt.



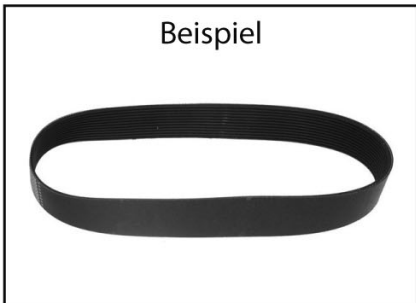


## Technische Daten

### FLACHER ANTRIEBSRIEMEN

FLAT DRIVE BELTS

Gruppe  
**01-03-14-00**



Kundendaten



Maschinentyp: .....

Preisanfrage

Serienr. maschine: .....

Bestellung

CODE:     B x H x Le x RIB x AT-RIB x S x TY-SO

... B..... Gesamtbreite Riemen, siehe Figur.

... H..... Gesamthöhe Riemen, siehe Figur.

..... Le..... Effective Länge.

..... RIB ..... Rillen anwesend: JA/NEIN.

..... AT-RIB..... Anzahl Rillen.

... S..... Rillenbreite, siehe Figur.

..... TY-SO ..... Riemensorte:

*PH: S = 1,6 mm; H ≈ 2,5 mm.*

*PJ: S = 2,34 mm; H ≈ 3,5 mm.*

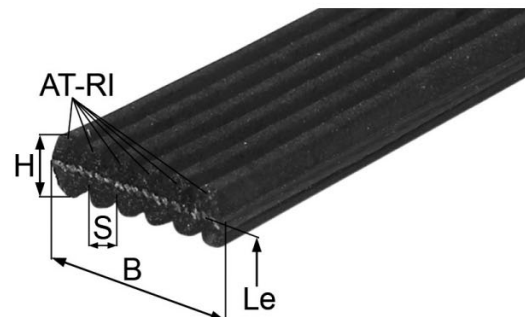
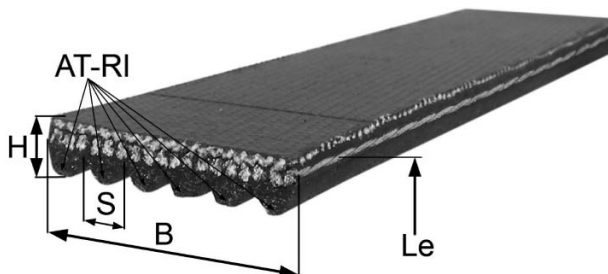
*PK: S = 3,56 mm; H ≈ 4,6 mm.*

*PL: S = 4,7 mm; H ≈ 7 mm.*

*PM: S = 9,4 mm; H ≈ 13 mm.*

Riemen mit Rillen an beiden Seiten: D + Typ (zb: DPK, DPL,...).

*S: spezieller Riemen.*

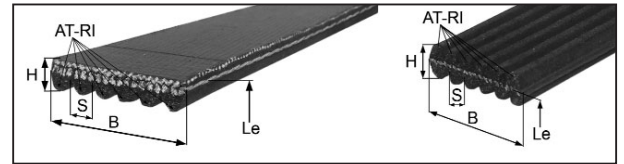


# FLAT DRIVE BELTS

For all our latest catalogue updates and company info: [www.tvh.com](http://www.tvh.com)

FLAT DRIVE BELTS

**complete range**



type belt	effective length (mm) Le	ribbed	number of ribs	total belt height (mm) H	rib width (mm) S	total belt width (mm) B	reference
TY-SO		RIB	AT-RIB				
DPK	1320	yes	6	7	3,56	21,6	<a href="#">137TA1691</a>
PJ	406	yes	10	3,4	2,34	23,4	<a href="#">137TA1732</a>
PJ	457	yes	3	3,4	2,34	6,9	<a href="#">137TA1701</a>
PJ	457	yes	6	3,4	2,34	13,9	<a href="#">137TA1630</a>
PJ	457	yes	8	3,5	2,34	18,8	<a href="#">137TA1725</a>
PJ	483	yes	8	3,8	2,34	19,1	<a href="#">137TA1744</a>
PJ	559	yes	10	3,2	2,34	23,5	<a href="#">137TA1746</a>
PJ	572	yes	3	4,3	2,34	7,2	<a href="#">137TA1711</a>
PJ	610	yes	3	3,8	2,34	7,2	<a href="#">137TA1602</a>
PJ	610	yes	10	4,2	2,34	23	<a href="#">137TA1594</a>
PJ	711	yes	4	3,5	2,34	9,5	<a href="#">137TA1635</a>
PJ	737	yes	12	3,6	2,34	28,4	<a href="#">137TA1646</a>
PJ	762	yes	14	3,6	2,34	32,6	<a href="#">137TA1745</a>
PJ	836	yes	10	3,6	2,34	23,5	<a href="#">137TA1643</a>
PJ	838	yes	15	3,3	2,34	35,2	<a href="#">137TA1634</a>
PJ	864	yes	16	3,3	2,34	37,8	<a href="#">137TA1604</a>
PJ	914	yes	9	3,5	2,34	21,4	<a href="#">137TA1600</a>
PJ	920	yes	9	3,6	2,34	20,6	<a href="#">137TA1693</a>
PJ	965	yes	3	3,3	2,34	7,2	<a href="#">137TA1703</a>
PJ	1016	yes	6	3,3	2,34	14,1	<a href="#">137TA1647</a>
PJ	1054	yes	10	3,5	2,34	23,5	<a href="#">137TA1606</a>
PJ	1067	yes	12	3,7	2,34	27,6	<a href="#">137TA1742</a>
PJ	1092	yes	3	3,4	2,34	7,1	<a href="#">137TA1695</a>
PJ	1130	yes	3	3,4	2,34	6,9	<a href="#">137TA1605</a>
PJ	1549	yes	6	3,2	2,34	13,8	<a href="#">137TA1692</a>
PK	698	yes	4	4,5	3,56	14,2	<a href="#">137TA1618</a>
PK	730	yes	6	4,3	3,56	21	<a href="#">137TA1683</a>
PK	745	yes	6	4,3	3,56	21,3	<a href="#">137TA1672</a>
PK	800	yes	8	4,7	3,56	28,7	<a href="#">137TA1631</a>
PK	830	yes	4	4,5	3,56	13,7	<a href="#">137TA1612</a>
PK	835	yes	8	4,5	3,56	28,5	<a href="#">137TA1665</a>
PK	865	yes	5	4,4	3,56	17,3	<a href="#">137TA1622</a>
PK	870	yes	6	4,3	3,56	21,1	<a href="#">137TA1671</a>
PK	884	yes	4	4,5	3,56	14,3	<a href="#">137TA1708</a>
PK	925	yes	4	4,2	3,56	14,5	<a href="#">137TA1709</a>
PK	925	yes	6	4,3	3,56	21,4	<a href="#">137TA1676</a>
PK	950	yes	6	4,4	3,56	21,2	<a href="#">137TA1653</a>
PK	960	yes	6	4,4	3,56	21,3	<a href="#">137TA1688</a>
PK	980	yes	7	4,9	3,56	24,8	<a href="#">137TA1686</a>
PK	1005	yes	6	4,6	3,56	21,2	<a href="#">137TA1609</a>
PK	1015	yes	6	4,3	3,56	21,1	<a href="#">137TA1661</a>
PK	1030	yes	4	4,3	3,56	14,2	<a href="#">137TA1621</a>
PK	1055	yes	8	4,4	3,56	28,4	<a href="#">137TA1601</a>
PK	1078	yes	6	4,4	3,56	21,1	<a href="#">137TA1675</a>
PK	1080	yes	5	4,5	3,56	18,4	<a href="#">137TA1685</a>

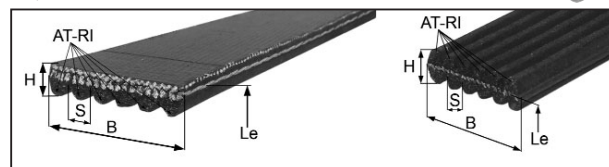


# FLAT DRIVE BELTS

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## complete range



FLAT DRIVE BELTS

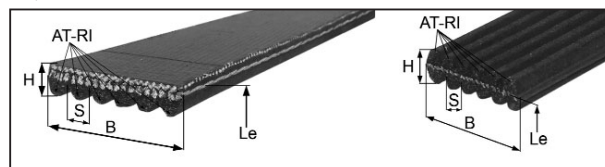
type belt TY-SO	effective length (mm) Le	ribbed RIB	number of ribs AT-RIB	total belt height (mm) H	rib width (mm) S	total belt width (mm) B	reference
PK	1095	yes	6	4,6	3,56	21,4	<a href="#">137TA1607</a>
PK	1100	yes	5	4,2	3,56	17,9	<a href="#">137TA1706</a>
PK	1108	yes	10	4,6	3,56	35,7	<a href="#">137TA1633</a>
PK	1115	yes	8	5,3	3,56	28,6	<a href="#">137TA1730</a>
PK	1120	yes	4	4,4	3,56	14,3	<a href="#">137TA1715</a>
PK	1120	yes	7	4,3	3,56	25	<a href="#">137TA1712</a>
PK	1160	yes	7	4,4	3,56	25	<a href="#">137TA1670</a>
PK	1165	yes	6	4,5	3,56	21	<a href="#">137TA1616</a>
PK	1165	yes	8	4,7	3,56	28,4	<a href="#">137TA1679</a>
PK	1190	yes	6	4,4	3,56	21,1	<a href="#">137TA1651</a>
PK	1190	yes	6	4,5	3,56	21,2	<a href="#">137TA1598</a>
PK	1195	yes	8	4,6	3,56	28,3	<a href="#">137TA1727</a>
PK	1200	yes	5	4,6	3,56	17,7	<a href="#">137TA1723</a>
PK	1205	yes	4	4,5	3,56	14,3	<a href="#">137TA1627</a>
PK	1220	yes	4	4,3	3,56	14,2	<a href="#">137TA1620</a>
PK	1220	yes	8	4,6	3,56	28	<a href="#">137TA1735</a>
PK	1230	yes	8	5	3,56	28,5	<a href="#">137TA1625</a>
PK	1240	yes	5	4,4	3,56	17,9	<a href="#">137TA1699</a>
PK	1248	yes	7	4,4	3,56	24,9	<a href="#">137TA1749</a>
PK	1250	yes	4	4,3	3,56	14	<a href="#">137TA1674</a>
PK	1290	yes	12	5	3,56	42,5	<a href="#">137TA1721</a>
PK	1325	yes	6	4,5	3,56	21,2	<a href="#">137TA1617</a>
PK	1335	yes	6	4,3	3,56	21,5	<a href="#">137TA1713</a>
PK	1346	yes	8	4,6	3,56	28,4	<a href="#">137TA1726</a>
PK	1365	yes	8	4,1	3,56	28,5	<a href="#">137TA1637</a>
PK	1381	yes	8	5	3,56	28,1	<a href="#">137TA1690</a>
PK	1400	yes	6	4,5	3,56	21,4	<a href="#">137TA1716</a>
PK	1400	yes	8	4,6	3,56	28,5	<a href="#">137TA1645</a>
PK	1406	yes	8	4,6	3,56	28	<a href="#">137TA1743</a>
PK	1420	yes	6	4,4	3,56	21,1	<a href="#">137TA1660</a>
PK	1425	yes	8	4,6	3,56	28,1	<a href="#">137TA1714</a>
PK	1430	yes	8	4,4	3,56	28	<a href="#">137TA1724</a>
PK	1430	yes	8	4,5	3,56	27,8	<a href="#">137TA1740</a>
PK	1450	yes	6	4,5	3,56	21,1	<a href="#">137TA1669</a>
PK	1450	yes	8	4,2	3,56	27,9	<a href="#">137TA1687</a>
PK	1475	yes	8	4,6	3,56	28,2	<a href="#">137TA1640</a>
PK	1480	yes	8	5,4	3,56	28,7	<a href="#">137TA1659</a>
PK	1490	yes	10	4,7	3,56	35,6	<a href="#">137TA1639</a>
PK	1505	yes	10	4,4	3,56	35,3	<a href="#">137TA1682</a>
PK	1520	yes	8	4,6	3,56	28,5	<a href="#">137TA1642</a>
PK	1535	yes	8	4,4	3,56	28,3	<a href="#">137TA1624</a>
PK	1540	yes	8	4,8	3,56	28,6	<a href="#">137TA1623</a>
PK	1555	yes	8	4,7	3,56	27,5	<a href="#">137TA1684</a>
PK	1560	yes	6	4,3	3,56	21,1	<a href="#">137TA1680</a>
PK	1560	yes	10	4,5	3,56	35,6	<a href="#">137TA1626</a>

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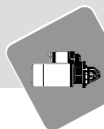
**complete range**



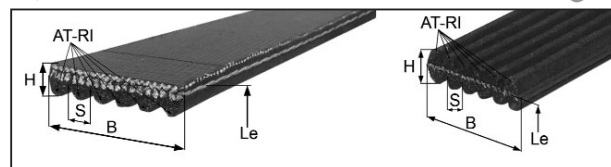
type belt	effective length (mm) Le	ribbed	number of ribs	total belt height (mm) H	rib width (mm) S	total belt width (mm) B	reference
TY-SO		RIB	AT-RIB				
PK	1570	yes	10	4,5	3,56	35,3	<a href="#">137TA1736</a>
PK	1575	yes	8	4,4	3,56	27,8	<a href="#">137TA1698</a>
PK	1585	yes	10	4,4	3,56	35,4	<a href="#">137TA1654</a>
PK	1590	yes	5	4,5	3,56	18,2	<a href="#">137TA1748</a>
PK	1590	yes	6	4,3	3,56	21,2	<a href="#">137TA1662</a>
PK	1595	yes	8	4,8	3,56	28	<a href="#">137TA1632</a>
PK	1595	yes	10	5,2	3,56	35,6	<a href="#">137TA1638</a>
PK	1600	yes	8	4,6	3,56	27,9	<a href="#">137TA1664</a>
PK	1615	yes	6	4,3	3,56	21,2	<a href="#">137TA1655</a>
PK	1620	yes	8	4,7	3,56	28,2	<a href="#">137TA1677</a>
PK	1620	yes	10	4,3	3,56	35,7	<a href="#">137TA1641</a>
PK	1635	yes	8	4,8	3,56	28,2	<a href="#">137TA1595</a>
PK	1646	yes	8	4,9	3,56	28,4	<a href="#">137TA1629</a>
PK	1650	yes	6	4,3	3,56	21,1	<a href="#">137TA1681</a>
PK	1665	yes	8	4,2	3,56	28	<a href="#">137TA1694</a>
PK	1700	yes	6	4,5	3,56	21	<a href="#">137TA1737</a>
PK	1700	yes	8	4,5	3,56	28,3	<a href="#">137TA1719</a>
PK	1715	yes	10	4,4	3,56	35,2	<a href="#">137TA1702</a>
PK	1720	yes	8	4,5	3,56	28,1	<a href="#">137TA1700</a>
PK	1740	yes	8	4,5	3,56	28,3	<a href="#">137TA1729</a>
PK	1740	yes	10	4	3,56	34,7	<a href="#">137TA1734</a>
PK	1755	yes	8	4,4	3,56	28,2	<a href="#">137TA1705</a>
PK	1765	yes	8	4,5	3,56	29	<a href="#">137TA1615</a>
PK	1775	yes	6	4,6	3,56	21,5	<a href="#">137TA1596</a>
PK	1785	yes	8	5	3,56	28,5	<a href="#">137TA1644</a>
PK	1795	yes	8	4,5	3,56	28,5	<a href="#">137TA1728</a>
PK	1810	yes	8	4,5	3,56	28	<a href="#">137TA1731</a>
PK	1830	yes	8	4,6	3,56	27,7	<a href="#">137TA1710</a>
PK	1838	yes	8	5	3,56	28,6	<a href="#">137TA1666</a>
PK	1855	yes	8	4,7	3,56	27,8	<a href="#">137TA1603</a>
PK	1875	yes	8	4,4	3,56	25,5	<a href="#">137TA1697</a>
PK	1885	yes	8	4,7	3,56	27,9	<a href="#">137TA1668</a>
PK	1900	yes	10	4,4	3,56	35	<a href="#">137TA1707</a>
PK	1977	yes	10	4,4	3,56	35,6	<a href="#">137TA1656</a>
PK	1992	yes	8	4,5	3,56	28	<a href="#">137TA1741</a>
PK	2020	yes	8	4,6	3,56	27,6	<a href="#">137TA1733</a>
PK	2050	yes	8	5,3	3,56	28,6	<a href="#">137TA1704</a>
PK	2080	yes	6	4,3	3,56	20,7	<a href="#">137TA1722</a>
PK	2080	yes	6	4,3	3,56	21,2	<a href="#">137TA1652</a>
PK	2080	yes	8	5,3	3,56	28,6	<a href="#">137TA1718</a>
PK	2090	yes	8	4,6	3,56	28,8	<a href="#">137TA1739</a>
PK	2100	yes	6	4,4	3,56	21,2	<a href="#">137TA1658</a>
PK	2108	yes	10	4,8	3,56	35,7	<a href="#">137TA1750</a>
PK	2115	yes	8	4,5	3,56	27,7	<a href="#">137TA1738</a>
PK	2145	yes	6	4,4	3,56	21,2	<a href="#">137TA1657</a>

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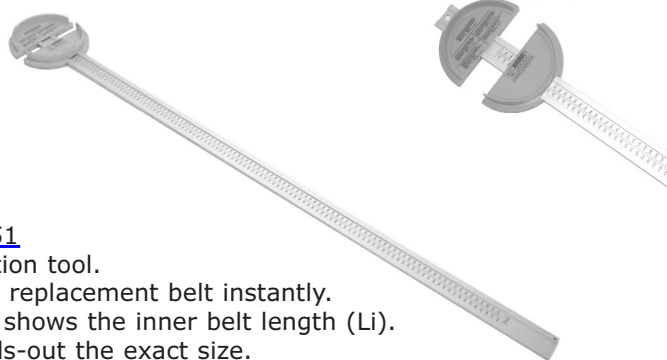


## complete range

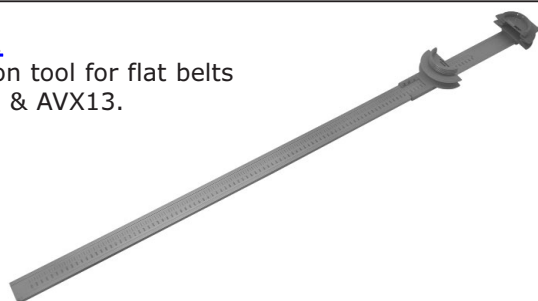


FLAT DRIVE BELTS

type belt	effective length (mm) Le	ribbed	number of ribs	total belt height (mm) H	rib width (mm) S	total belt width (mm) B	reference
TY-SO		RIB	AT-RIB				
PK	2164	yes	8	4,6	3,56	28,4	<a href="#">137TA1663</a>
PK	2220	yes	8	4	3,56	27,8	<a href="#">137TA1628</a>
PK	2265	yes	6	4,4	3,56	21,1	<a href="#">137TA1696</a>
PK	2270	yes	6	4,6	3,56	21	<a href="#">137TA1613</a>
PK	2347	yes	8	5,1	3,56	28,4	<a href="#">137TA1599</a>
PK	2362	yes	6	4,4	3,56	21,1	<a href="#">137TA1678</a>
PK	2400	yes	6	4,6	3,56	21,5	<a href="#">137TA1717</a>
PK	2455	yes	6	4,7	3,56	20,5	<a href="#">137TA1689</a>
PK	2490	yes	6	4,4	3,56	21,1	<a href="#">137TA1673</a>
PK	2490	yes	8	5	3,56	28,3	<a href="#">137TA1636</a>
PK	2535	yes	8	4,4	3,56	28,1	<a href="#">137TA1597</a>
PL	1715	yes	16	6,9	4,7	73,6	<a href="#">137TA1650</a>
S	1000	no	0	5,4	0	46	<a href="#">137TA1747</a>
SP	590	no	0	1	0	20	<a href="#">137TA1649</a>
SP	640	no	0	1	0	20	<a href="#">137TA1610</a>
SP	640	no	0	1,7	0	20,1	<a href="#">137TA1611</a>
SP	645	no	0	1	0	30	<a href="#">137TA1720</a>
SP	810	no	0	1	0	20	<a href="#">137TA1648</a>
SP	846	no	0	1	0	20	<a href="#">137TA1614</a>
SP	855	no	0	2,8	0	32	<a href="#">137TA1608</a>
SP	940	no	0	9,8	0	24,3	<a href="#">137TA1667</a>
SP	1060	no	0	1	0	30	<a href="#">137TA1619</a>



REF [106TA6951](#)  
Belt identification tool.  
Find the exact replacement belt instantly.  
A quick check shows the inner belt length (Li).  
Scale will reads-out the exact size.



REF [137TA1762](#)  
Belt identification tool for flat belts  
type PK, AVX10 & AVX13.



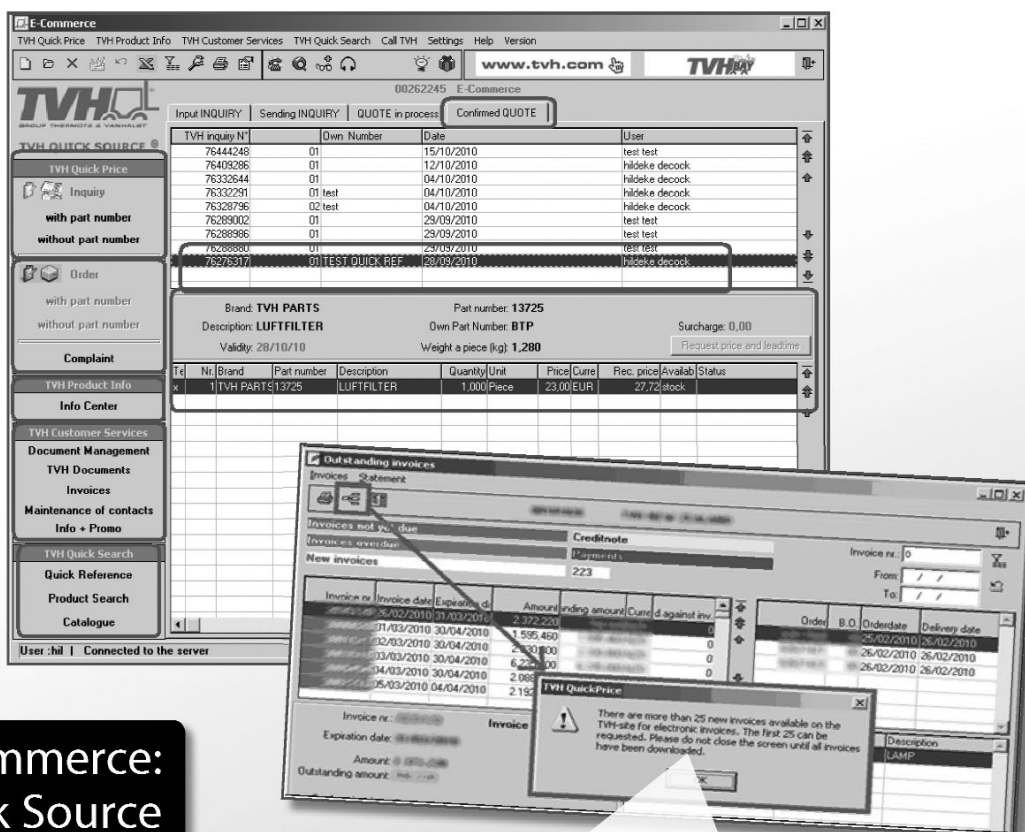
REF [137TA1763](#)  
Belt tension controller.





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## Info Center

- Info on all part numbers
- General availability
- Weight and picture
- Technical data and features
- Part history

**Info Center**

Brand: TVH FORKLIFT PARTS Part number: 1077a9490 Weight: 4.28

Description: ALTERNATOR

Order	Quantity	Unit	Price	Currency
2342284	1	0012/05/2005	117.07	EUR
2342284	1	0012/05/2005	117.07	EUR
2342284	1	0014/09/2005	117.07	EUR

**Part features**

Description	Value
TVH Number	1077a9490
TVH Number Rebuilt	1087A1273
Make	MANITOU
Voltage (V)	12
Type	A
Length L1 (mm)	10.4
Length L2 (mm)	10
Length L3 (mm)	10.2
Length Y (mm)	37.2
Dist. between Regulator V	

**TECHNICAL DETAIL ALTERNATOR**

Technical specifications and notes for the alternator part.

## Quick Reference

- Search parts by brand and type of forklift truck
- Includes all fast moving items
- Also available:
  - Engine parts
  - Transmission parts
  - Hand pallet parts
  - Rubber tracks
  - Inquiry form always available

**Quick Reference**

Equipment type: Machine

Brand: **TVH**

Type: GDP20RF

Serial N°: A875

**Complete part list**

Filters

Fast moving items

Engine: Fuel: Diesel, Brand: Macs, Type: VA, Serial N°: [ ]

Transmission: Brand: [ ], Type: [ ]

Mast: Brand: Yale, Type: Choose

Caution: For non-genuine mast installation, please use the 'Inquiry Form' to obtain support in related mast parts selection.

## Product Search

- Search part numbers by dimensions and technical data
- Compare and view parts
- Identify mast rollers, forks, chains, tyres, ...

**Product Search**

Search: alternator

TVH Number	132741	1081756	1279259	1327169
Current I (Amps)	35.0	60.0	35.0	35.0
Bracket width L1 (mm)	51.0	51.0	24.0	24.0
Bracket width L3 (mm)	12.0	15.0	16.5	16.5
Diameter Ø3 (mm)	10.5	10.0	10.0	10.5
Disk, bearing center E (mm)	155.0	155.0	140.0	158.0
Regulator P25/00	false	true	true	true
Cooling fan	E	E	F	F
Pole type	4	48	G	G
Qty. of belts	1	0	1	1
Type of alternator	B	B	B	B
Voltage U (V)	12.0	12.0	12.0	12.0
Type of thread	M8	M8	M8	M8
Position of the legs	30-60	30-60	30-60	30-60
Vacuum pump	false	false	false	false



## NOTES

A series of horizontal dotted lines for taking notes, spanning the width of the page.

...not cheap parts but  
**quality parts cheaper...**

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