







Part				Photo	Part				Photo
Number	Hub	Mounting	<b>Splines</b>	Ref	Number	Hub	Mounting	Splines	Ref
Allison	Hub	Mounting	Spines	1401	Caterpillar co		Mounting	Spines	
29514486R	Slotted Hub	6 Mounting Pads	30 Splines	13	6Y6778R	2 Eared Hub	6 Hole Ring	19 Splines	77
29514487R	Slotted Hub	6 Mounting Pads	30 Splines	13	7G8101R	4 Eared Thin	6 Mounting Straps	19 Splines	26
6778111R	Slotted Hub	3 Mounting Pads	17 Splines	No Photo	7G8102R	4 Eared Hub	6 Mounting Nuts	19 Splines	28
73142880R	Smooth Hub	4 Mounting Pads	18 Splines	81	7G8103R	4 Eared Hub	6 Mounting Nuts	19 Splines	27
	w/Seal Ring Gr				7G8104R	4 Eared Hub	6 Mounting Nuts	19 Splines	28
					7G8105R	2 Eared Hub	6 Mounting Nuts	17 Splines	24
Baker					7G8106R	4 Eared Hub	6 Mounting Nuts	19 Splines	28
100895R	2 Eared Hub	4 Studs	22 Splines	105	7T0110R	Splined Hub	6 Mounting Nuts	29 Splines	42
102234R	2 Eared Hub	Large Circular	22 Splines	No Photo	7T2657R	Splined Hub	6 Mounting Nuts	29 Splines	42
		High Nuts	•		7T3702R	Splined Hub	6 Mounting Nuts	29 Splines	42
105760R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	85588R	4 Eared Hub	6 Mounting Nuts	19 Splines	27
105761R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	8E0735R	2 Eared Hub	6 Mounting Nuts	29 Splines	43
107146R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	8E6295R	Splinted Hub	6 Mounting Pads	25 Splines	No Photo
111268R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	8E6297R	Splined Hub	6 Mounting Nuts	29 Splines	42
117487R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	8E6299R	Splined Hub	6 Mounting Nuts	29 Splines	42
117737R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	8E8623R	2 Eared Hub	6 Hole Ring	19 Splines	83
117790R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	8M5674R	2 Eared Hub	6 Mounting Nuts	17 Splines	24
117961R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	9P8881R	2 Eared Hub	6 Mounting Nuts	29 Splines	43
118023R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	9P9155R	2 Eared Hub	6 Mounting Nuts	29 Splines	43
118024R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	9P9156HDR	2 Eared Hub	6 Mounting Nuts	29 Splines	43
3000AN1R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	9P9156R	2 Eared Hub	6 Mounting Nuts	29 Splines	43
3000ANTR	4 Eared Hub	6 Mounting Nuts	19 Splines	28	9W9728R	Slotted Hub	4 Mounting Pads	27 Splines	39
401251R	2 Flats on Hub	4 Studs	29 Splines	30	34/3/2011	Siotted Flub	+ Mounting Faus	27 Opinies	
9021A1R	4 Eared Thin	6 Mounting Straps	19 Splines	106	Champ				
9021C1R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	03-203R	2 Eared Hub	6 Mounting Nuts	29 Splines	43
9021D1R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	F040-0261R	4 Eared Hub	6 Mounting Nuts	19 Splines	28
9021E1R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	10-020111	+ Larea Hub	o Mounting Nats	15 Оринез	20
30Z1L11X	+ Larea Hub	o wounting rvats	15 Оршиез	20	Chrysler				
Caterpillar					2843586R	Slotted Hub	4 Mounting Pads	24 Splines	17
1014859R	2 Eared Hub	8 Threaded Holes	14 Splines	73	3745454R	Smooth Hub	4 Mounting Pads	19 Splines	22
1039497R	2 Eared Hub	8 Threaded Holes	14 Splines	63	37434341	w/Bushing in II		19 Opinies	22
1039497R 1039498R	2 Eared Hub	8 Threaded Holes	14 Splines	71	4058694R	Slotted Hub	4 Mounting Pads	27 Splines	15
1085293R	2 Eared Hub	8 Threaded Holes	14 Splines	71	4058695R	Slotted Hub	4 Mounting Pads	27 Splines	15
1112755R	2 Eared Hub	8 Threaded Holes	14 Splines	73	4106569R	Slotted Hub	4 Mounting Pads	27 Splines	15
29934R	4 Eared Thin	6 Mounting Straps	19 Splines	26	41003031	Siotted Flub	4 Mounting Faus	21 Opinies	10
29941R	4 Eared Thin	6 Mounting Straps	19 Splines	26	Clark				
34048R	2 Eared Hub	6 Mounting Straps		No Photo	1680930R	2 Eared Hub	6 Mounting Nuts	17 Splines	18
349355R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	1680931R	2 Eared Hub	6 Mounting Nuts	29 Splines	32
351225R			17 Splines	24	1680932R			19 Splines	28
	2 Eared Hub	6 Mounting Nuts	19 Splines			4 Eared Hub 2 Eared Hub	6 Mounting Nuts 6 Mounting Nuts		
351614R	4 Eared Thin	6 Mounting Straps		26	1763309R			17 Splines	No Photo
351616R	4 Eared Thin	6 Mounting Straps	19 Splines	26	224337R	4 Eared Hub	6 Mounting Nuts	15 Splines	2
352293R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	00/1075D	w/Bushing	C Manustina Nuta	45 Colinso	
357896R	4 Eared Hub	6 Mounting Nuts	15 Splines	2	224375R	4 Eared Hub	6 Mounting Nuts	15 Splines	2
200004D	w/Bushing	C.M	40.0-1	00	004004D	w/Bushing	C.M. and an North	45 Oalla	0
369884R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	224381R	4 Eared Hub	6 Mounting Nuts	15 Splines	2
3T9608R	2 Eared Hub	6 Mounting Nuts	29 Splines	43	0054400	w/Bushing	NI. 4-	45 O - 1:	NI- DI
4B4277R	2 Eared Hub	6 Mounting Nuts	17 Splines	24	225142R	4 Eared Hub	Nuts	15 Splines	No Photo
642933R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	229251R	4 Eared Hub	6 Mounting Straps	15 Splines	3
642972R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	0000000	w/Bushing	014 " " "	450 "	
67111R	2 Eared Hub	4 Studs	17 Splines	No Photo	229252R	4 Eared Hub	6 Mounting Nuts	15 Splines	2
6T5842R	Splined Hub	6 Mounting Nuts	29 Splines	42	0000000	w/Bushing	014 # ***	450 "	
6T5899R	Slotted Hub	4 Mounting Pads	27 Splines	39	229253R	4 Eared Hub	6 Mounting Nuts	15 Splines	2
6T9487R	2 Eared Hub	6 Mounting Nuts	17 Splines	24		w/Bushing			

New Torque Converters may be available. Contact your JI Rep. for price & availability.



Part				Photo	Part				Photo
Number	Hub	Mounting	<b>Splines</b>	Ref	Number	Hub	Mounting	<b>Splines</b>	Ref
Clark continue	ed		-		Hyster			-	
229254R	4 Eared Hub	Nuts	15 Splines	No Photo	104630R	4 Eared Thin	6 Mounting Straps	19 Splines	26
2342062R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	109400R	2 Eared Hub	6 Mounting Nuts	17 Splines	4
237324R	4 Eared Hub	6 Mounting Nuts	15 Splines	2	113572R	2 Eared Hub	6 Mounting Nuts	17 Splines	4
	w/Bushing				1327681R	Smooth Hub	4 Mounting Pads	26 Splines	10
2375190R	2 Eared Hub	6 Mounting Nuts	29 Splines	43		w/36 Splines in			
239152R	Removable	6 Square	15 Splines	35	1328939R	Slotted Hub	4 Mounting Pads	27 Splines	15
	Geared Hub	Mounting Nuts			1334714R	Smooth Hub	4 Mounting Nuts	29 Splines	70
241052R	Removable	4 Thick Square	15 Splines	23		w/50 Splines in	ID	•	
	Geared Hub	Mounting Nuts	•		1343585R	Smooth Hub	3 Mounting Pads	19 Splines	82
241052SPL	Removable	4 Thick Square	15 Splines	23		w/50 Splines in	ID	•	
	Geared Hub	Mounting Nuts			1343586R	Smooth Hub	3 Mounting Pads	19 Splines	82
242251R	Removable	4 Square Mounting	15 Splines	20		w/50 Splines in		•	
	Geared Hub	Nuts	•		1343925R	2 Eared Hub	6 Mounting Nuts	19 Splines	61
244109R	Splined Hub	4 Mounting Nuts	20 Splines	55	1361478R	Slotted Hub	4 Mounting Pads	27 Splines	No Phot
245299R	Splined Hub	4 Mounting Nuts	20 Splines	86	1367387R	2 Eared Hub	6 Threaded Holes	14 Splines	7
246675R	Splined Hub	6 Mounting Pads	20 Splines	9	1367389R	2 Eared Hub	6 Threaded Holes	14 Splines	60
247114R	Splined Hub	6 Mounting Pads	20 Splines	9	1374620R	Smooth Hub	4 Mounting Nuts	29 Splines	70
2787349R	Splined Hub	3 Mounting Pads	15 Splines	8		w/50 Splines in	•		
2811291R	4 Eared Hub	6 Mounting Nuts	15 Splines	2	1375707R	Smooth Hub	3 Mounting Pads	19 Splines	82
	w/Bushing			_		w/50 Splines in	•		
2811366R	Splined Hub	3 Mounting Pads	15 Splines	8	137725R	Slotted Hub	4 Mounting Pads	27 Splines	46
2816242R	Splined Hub	4 Mounting Nuts	20 Splines	120	1383785R	2 Eared Hub	6 Mounting Nuts	19 Splines	61
316477R	2 Eared Hub	6 Mounting Nuts	17 Splines	18	1386795R	Smooth Hub	4 Round Nuts	29 Splines	84
4202497R	Splined Hub	6 Mounting Pads	20 Splines	9	13007331	w/50 Splines in		25 Opinies	OT
4886475R	Removable	6 Mounting Nuts	29 Splines	103	1386815R	Smooth Hub	4 Round Nuts	29 Splines	102
40004731	Geared Hub	o Mounting Nuts	29 Opinies	103	13000131	w/50 Splines in		29 Opinies	102
796682R	2 Eared Hub	6 Mounting Nuts	29 Splines	32	1386816R	Smooth Hub	3 Mounting Pads	19 Splines	82
878127R	2 Eared Hub	6 Mounting Straps	17 Splines	No Photo	13000101	w/ 50 Splines in		19 Spilites	02
890988R	2 Eared Hub	4 Studs	29 Splines	19	1386817R	Smooth Hub	3 Mounting Pads	19 Splines	82
927515R	Removable	6 Nuts	29 Splines	103	1300017K			19 Spilites	02
921313K		0 IVUIS	29 Spilites	103	1200COAD	w/50 Splines in		10 Colingo	No Dhot
	Geared Hub				1388694R	N/A	3 Oblong Pads	19 Splines	No Phot
007040D	Damasahla	C No. 4-	00.0-1:	400	1468682R	N/A	3 Oblong Pads	19 Splines	No Phot
927640R	Removable	6 Nuts	29 Splines	103	1503453R	2 Eared Hub	3 Oblong Pads	19 Splines	123
0000000	Geared Hub	4.06	00.0-1:	24	152185R	2 Eared Hub	6 Mounting Nuts	29 Splines	29
990339R	2 Flats on Hub	4 Studs	29 Splines	31	162692R	Slotted Hub	4 Mounting Pads	18 Splines	46
999641R	2 Flats on Hub	4 Studs	29 Splines	37	165983R	2 Eared Hub	6 Mounting Nuts	17 Splines	4
					172077R	2 Eared Hub	6 Mounting Nuts	17 Splines	4
Clark Hurth	0 11 111 1	014 " 5 1	00.0 !:		197989R	Slotted Hub	4 Mounting Pads	24 Splines	17
246675R	Splined Hub	6 Mounting Pads	20 Splines	9	201610AR	Smooth Hub	8 Studs	19 Splines	34
247114R	Splined Hub	6 Mounting Pads	20 Splines	9	2021351R	2 Eared Hub	6 Threaded Holes	14 Splines	60
_					2021678R	2 Eared Hub	6 Threaded Holes	14 Splines	7
Daewoo					2023912R	2 Flats on Hub	6 Threaded Holes	14 Splines	11
8E6297R	Splined Hub	6 Mounting Nuts	29 Splines	42	2023993R	2 Flats on Hub	6 Threaded Holes	14 Splines	11
8E6299R	Splined Hub	6 Mounting Nuts	29 Splines	42	2026866R	2 Flats on Hub	6 Threaded Holes	14 Splines	97
A213021R	2 Eared Hub	Weld Ring with	28 Splines	121	2043273R	2 Flats on Hub	4 Mounting Pads	14 Splines	104
		6 Holes			205794R	2 Eared Hub	6 Mounting Nuts	17 Splines	4
A213432R	2 Eared Hub	Weld Ring with	28 Splines	121	219924R	2 Slots	4 Mounting Pads	27 Splines	No Phot
		6 Holes			278240R	Slotted Hub	4 Mounting Pads	27 Splines	15
A213442R	2 Eared Hub	Weld Ring with	28 Splines	121	2801359R	Slotted Hub	4 Mounting Pads	24 Splines	17
		6 Holes	-		291924R	Slotted Hub	4 Mounting Pads	27 Splines	46
A233178R	2 Eared Hub	6 Mounting Nuts	29 Splines	43	296913R	Smooth Hub	4 Mounting Pads	27 Splines	87
A250508R	N/A	4 Mounting Pads	27 Splines	No Photo	3031954R	2 Slots	4 Mounting Pads	27 Splines	No Phot
AZJUJUUI \									
D160328R	2 Eared Hub	6 Mounting Nuts	29 Splines	43	313512R	Slotted Hub	4 Mounting Pads	27 Splines	15

New Torque Converters may be available. Contact your JI Rep. for price & availability.



Part				Photo	Part				Photo
Number	Hub	Mounting	Splines	Ref	Number	Hub	Mounting	Splines	Ref
Hyster continu		Mounting	Spines	1401	Komatsu cont		Mounting	Spines	
319279R	N/A	4 Tabs	17 Splines	99	3EC-13-16100F	R 2 Eared Hub	6 Threaded Holes	16 Splines	38
344332R	2 Eared Hub	4 Mounting Tabs	19 Splines	50			6 Threaded Holes	18 Splines	90
344343R	2 Eared Hub	4 Mounting Pads	18 Splines	51					
370844R	2 Eared Hub	4 Mounting Pads	18 Splines	51	Lancer Boss				
377017R	2 Eared Hub	4 Mounting Tabs	29 Splines	48	8548854R	2 Eared Hub	6 Mounting Nuts	17 Splines	4
377166R	2 Eared Hub	4 Mounting Tabs	29 Splines	48	8608643R	N/A	4 Round Nuts	23 Splines	No Photo
387458R	Slotted Hub	4 Mounting Pads	27 Splines	No Photo	9166805R	2 Eared Hub	6 Mounting Nuts	29 Splines	29
Kalmar Allis C	halmara	-			Lion Liftell				
		6 Mauntina Nuta	10 Calinas	07	Lion Liftall 400499R	2 Eared Hub	6 Mounting Nuto	29 Splines	32
4752270R	4 Eared Hub	6 Mounting Nuts	19 Splines	27			6 Mounting Nuts		
4752271R	4 Eared Hub	6 Mounting Nuts	19 Splines	27	400606R	2 Eared Hub	6 Mounting Nuts	29 Splines	43
4791428R	4 Eared Hub	6 Mounting Nuts	19 Splines	27	921329-0002R		6 Mounting Nuts	29 Splines	16
4812050R	2 Eared Hub	4 Studs	22 Splines	105		w/25 Splines in	טו		
4814282R	2 Eared Hub	6 Mounting Nuts	17 Splines	107					
4834552R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	Lull				
4838769R	2 Eared Hub	6 Mounting Nuts	17 Splines	1	37762-XR	Splinted Hub	6 Mounting Pads	25 Splines	No Photo
4859284R	2 Eared Hub	6 Mounting Nuts	17 Splines	24					
4859285R	2 Eared Hub	6 Mounting Nuts	17 Splines	24	Mitsubishi				
4877863R	2 Eared Hub	6 Mounting Nuts	29 Splines	43	91123-00020R	2 Eared Hub	8 Threaded Holes	14 Splines	73
4884041R	2 Eared Hub	6 Mounting Nuts	17 Splines	24	91123-00021R	2 Eared Hub	8 Threaded Holes	14 Splines	73
4886475R	2 Eared Hub	6 Mounting Nuts	29 Splines	43	91223-04100R	2 Eared Hub	8 Threaded Holes	14 Splines	73
4889011R	4 Eared Hub	6 Mounting Nuts	19 Splines	27	91223-10040R	2 Eared Hub	8 Threaded Holes	14 Splines	127
4906518R	2 Eared Hub	Short Round Nuts	22 Splines	No Photo	91223-10041R		8 Threaded Holes	14 Splines	73
4907169R	4 Eared Hub	6 Mounting Nuts	19 Splines	27		2 Flats on Hub	6 Threaded Holes	14 Splines	101
4907170R	4 Eared Hub	6 Mounting Nuts	19 Splines	27	91323-10050R		8 Threaded Holes	14 Splines	63
4917742R	Slotted Hub	4 Mounting Pads	27 Splines	39	91323-10061R		8 Threaded Holes	14 Splines	71
4940408R	2 Eared Hub	8 Threaded Holes	18 Splines	No Photo		2 Flats on Hub	8 Threaded Holes	14 Splines	91
4940781R	2 Eared Hub	8 Threaded Holes	18 Splines	52		2 Flats on Hub	8 Threaded Holes	14 Splines	91
4944450R	2 Eared Hub	6 Threaded Holes	19 Splines	79	91823-00070R		10 Threaded Holes		118
4944452R	2 Eared Hub	6 Threaded Holes	19 Splines	79	91823-04100R		10 Threaded Holes		118
4944483R		Threaded Holes	16 Splines	38		2 Flats on Hub	8 Threaded Holes	14 Splines	126
4949254R	2 Eared Hub	8 Threaded Holes	18 Splines	52		2 Flats on Hub	6 Threaded Holes	14 Splines	101
4949256R	2 Flats on Hub	8 Threaded Holes	14 Splines	69		2 Flats on Hub	8 Threaded Holes	14 Splines	91
4967549R	2 Flats on Hub	8 Threaded Holes	14 Splines	69	93723-00030R		10 Threaded Holes		118
	2 Eared Hub			43	93123-00030R	IN/A	10 Threaded Holes	10 Spilites	110
8611878R		6 Mounting Nuts	29 Splines		Nissan				
8761285R	4 Eared Hub	6 Threaded Holes	18 Splines	90	Nissan	0	0 Tlans and a dilitate a	00.0-1:	
W					31100-4K000R				57
Komatsu	05 1111	0.71	40.0 "	404	31100-4K100R		8 Threaded Holes		57
		8 Threaded Holes	18 Splines	124					112
		8 Threaded Holes	18 Splines	52	31100-L9000R		6 Threaded Holes	19 Splines	74
		8 Threaded Holes	18 Splines	52	31100-L9060R		6 Threaded Holes	19 Splines	100
		8 Threaded Holes	18 Splines	52		2 Flats on Hub	6 Threaded Holes	18 Splines	72
		8 Threaded Holes	18 Splines	52		2 Flats on Hub	6 Threaded Holes	18 Splines	72
		8 Threaded Holes	18 Splines	52		2 Flats on Hub	6 Threaded Holes	18 Splines	72
3EB-13-12100F	R 2 Eared Hub	8 Threaded Holes	18 Splines	52	31110-40K00R	2 Flats on Hub	6 Threaded Holes	14 Splines	66
3EB-13-12101F	R 2 Eared Hub	8 Threaded Holes	18 Splines	52	31110-41K00R	2 Flats on Hub	6 Threaded Holes	14 Splines	66
3EB-13-22020F	R 2 Eared Hub	8 Threaded Holes	18 Splines	52	31110-4G000R	2 Flats on Hub	6 Threaded Holes	14 Splines	66
3EB-13-22021F	R 2 Eared Hub	8 Threaded Holes	18 Splines	52	31110-4G001R	2 Flats on Hub	6 Threaded Holes	14 Splines	66
3EB-13-22022F		8 Threaded Holes	14 Splines	69		2 Flats on Hub	6 Threaded Holes	14 Splines	66
	on Hub					2 Flats on Hub	6 Threaded Holes	14 Splines	66
3EC-13-11020F		6 Threaded Holes	19 Splines	79	31110-51H00R		6 Threaded Holes	19 Splines	113
		6 Threaded Holes	19 Splines	79		2 Flats on Hub	6 Threaded Holes	14 Splines	72
		6 Threaded Holes	16 Splines	38	31110-L6000R		6 Threaded Holes	19 Splines	78
3L3 13 100201	. Z Larca Hab	5 71110aa0a 110103	. 5 Opin 100		01110 2000011	_ Laroa riab		.o opiiiloo	

New Torque Converters may be available. Contact your JI Rep. for price & availability.



Part	-			Photo	Part				Photo
Number	Hub	Mounting	Splines	Ref	Number	Hub	Mounting	Splines	Ref
Nissan contin		Mounting	Spines	Itti	TCM continue	d d	Mounting	<u> Spines</u>	TttI
31110-L6800R	2 Eared Hub	6 Threaded Holes	13 Splines	59		R Geared Hub	6 Threaded Holes	19 Splines	76
31110-L9000R	Geared Hub	6 Threaded Holes	19 Splines	74	BK-6511500001	R Geared Hub	6 Threaded Holes	19 Splines	76
			•		BK-6549500000	R Geared Hub	6 Threaded Holes	19 Splines	76
Owatonna					BK-6549500001	R 2 Eared Hub	6 Threaded Holes	16 Splines	45
420-28407R	2 Flats on Hub	4 Studs	26 Splines	No Photo	BK-6549929200	R 2 Eared Hub	6 Threaded Holes	16 Splines	45
						R 2 Eared Hub	6 Threaded Holes	16 Splines	No Photo
Pettibone						R 2 Eared Hub	6 Threaded Holes	16 Splines	No Photo
40059R	4 Eared Hub	6 Mounting Nuts	19 Splines	28		R 2 Eared Hub	6 Threaded Holes	16 Splines	No Photo
44300R	2 Eared Hub	6 Mounting Nuts	29 Splines	29		R 2 Eared Hub	6 Threaded Holes	19 Splines	78
6778111R	N/A	N/A	17 Splines	No Photo		R 2 Eared Hub	6 Threaded Holes	19 Splines	78
C9ZZ7902AR	2 Flats on Hub		29 Splines	30		R 2 Eared Hub	6 Threaded Holes	19 Splines	78
LA1729-1R	2 Eared Hub	6 Mounting Nuts	29 Splines	43		R Geared Hub	6 Threaded Holes	19 Splines	74
PAP7902BR	2 Flats on Hub		29 Splines	31		R Geared Hub	6 Threaded Holes	19 Splines	74
SA840-4R	4 Eared Hub	6 Mounting Nuts	19 Splines	28		R 2 Eared Hub	6 Threaded Holes	16 Splines	80
SA860-1R	4 Eared Hub	6 Mounting Nuts	19 Splines	27		R 2 Eared Hub	6 Threaded Holes	16 Splines	80
SH860-1R	4 Eared Hub	6 Mounting Nuts	19 Splines	27		R 2 Eared Hub	6 Threaded Holes	16 Splines	80
						R Geared Hub	6 Threaded Holes	19 Splines	49
Philift					BK-66F850000F		6 Threaded Holes	19 Splines	62
TRA 972R	4 Eared Hub	6 Mounting Nuts	19 Splines	28		Hub			
Prime Mover			100 !!		Toyota				
P12488R	4 Eared Hub	6 Mounting Nuts	18 Splines	No Photo		R Geared Hub	8 Threaded Holes	20 Splines	92
					32210-12620-71		6 Threaded Holes	14 Splines	95
Sellick						on Hub			
131658R		6 Mounting Nuts	29 Splines	32		R 4 Eared Hub	6 Mounting Nuts	18 Splines	98
220796R	2 Eared Hub	6 Thick Mounting	17 Splines	25		R 4 Eared Hub	6 Mounting Nuts	18 Splines	109
		Nuts				R 4 Eared Hub	6 Mounting Nuts	18 Splines	98
01 44 146					32210-U1130-7		6 Threaded Holes	14 Splines	95
Shuttle Lift	0.5	014 C 114	20.0 !:			on Hub			
S27478R		6 Mounting Nuts	29 Splines	29	140 % 1 % T				
S614297R	2 Eared Hub	6 Mounting Nuts	29 Splines	29	White Lift Tru		C.M the av. No. 4 a	40.0-1	07
T-1116					20-3010040R	4 Eared Hub	6 Mounting Nuts	19 Splines	27
Tailift	0 F         -   -	C.T.	40.0-1	400	20-3010506R	4 Eared Hub	6 Mounting Nuts	19 Splines	28
22560417R	2 Eared Hub	6 Threaded Holes	18 Splines	108	20-3010507R	4 Eared Hub	6 Mounting Nuts	19 Splines	28
TOI					20-3010508R	4 Eared Hub	6 Mounting Nuts	19 Splines	28
TCI	0 = == = 1     =	C.Marrietta e Nicto	00.0-1	20	20-3010509R	4 Eared Hub	6 Mounting Nuts	19 Splines	28
44370R	2 Eared Hub	6 Mounting Nuts	29 Splines	32		4 Eared Hub	6 Mounting Nuts	19 Splines	28
TOM					35A10506R	4 Eared Hub	6 Mounting Nuts	19 Splines	28
TCM	4 Fared Hul	. CThusadad Halas	10 Calinas		35A10608R	4 Eared Hub	6 Mounting Nuts	19 Splines	28
112T2-52031R		6 Threaded Holes	18 Splines	90	35A10713R	4 Eared Hub	6 Mounting Nuts	19 Splines	28
114T3-80401R		6 Threaded Holes	18 Splines	6	35A314R	4 Eared Hub	6 Mounting Nuts	19 Splines	28
115E3-80501R		6 Threaded Holes	19 Splines	44	35A5730R	4 Eared Hub	6 Mounting Nuts	19 Splines	28
115G3-80212R	Geared Hub		14 Splines	47	40A313R	4 Eared Hub	6 Mounting Nuts	19 Splines	28
115G3-80213R	Geared Hub		14 Splines	47	Minuina				
12163-80301R	Geared Hub		19 Splines	44	Wiggins	Con a atta I II da	C Marratina Nista	OO Calinas	10
12163-80302AF			19 Splines	44	164609R	Smooth Hub	6 Mounting Nuts	29 Splines	16
12163-80302R	Geared Hub		19 Splines	44	2004200	w/25 Splines in		On Colling -	40
124S3-80301R		6 Threaded Holes	18 Splines	58	200130R	Smooth Hub	6 Mounting Nuts	29 Splines	16
124U3-80211R	Removable	6 Threaded Holes	19 Splines	62	2004440	w/25 Splines in		OO Coling -	20
13403 003045	Hub	o G Three ded Hele	14 Calina	105	200141R	2 Eared Hub	6 Mounting Nuts	29 Splines	32
134G3-80301R		6 Threaded Holes	14 Splines	125	200157R	2 Eared Hub	6 Mounting Nuts	17 Splines	18
		6 Threaded Holes	18 Splines	No Photo	608658R	2 Eared Hub	6 Mounting Nuts	29 Splines	43
		6 Threaded Holes	18 Splines	No Photo	721745R	2 Eared Hub	6 Mounting Nuts	17 Splines	18
BK-050493152	ık ∠ ⊑ared Hul	6 Threaded Holes	18 Splines	No Photo					

New Torque Converters may be available. Contact your JI Rep. for price & availability.

Photo Reference Section is for use in identification of Converters and does not imply that Converters with similar Reference Numbers are identical.

Toll Free USA & Canada: 800-321-9983, Mexico: 001-800-561-1897 Fax: 330/342-3895 www.joseph.com



Part				Photo	Part				Photo
Number	Hub	Mounting	<b>Splines</b>	Ref	Number	Hub	Mounting	<b>Splines</b>	Ref
Windham				_	Yale continue				
2219R	2 Eared Hub	6 Mounting Nuts	29 Splines	29	5800041-04R	Smooth Hub	4 Mounting Pads	26 Splines	10
7795R	2 Eared Hub	6 Mounting Nuts	29 Splines	43		w/36 Splines in	ID		
		-			5800142-79R	N/A	3 Oblong Pads	19 Splines	No Photo
Yale					5800182-66R	Smooth Hub	4 Round Nuts	29 Splines	102
0005128-00R	Smooth Hub	8 Studs	19 Splines	34		w/50 Splines in	ID		
0005138-00R	Smooth Hub	4 Mounting Pads	19 Splines	14	5800182-67R	Smooth Hub	3 Mounting Pads	19 Splines	82
	w/Bushing in I	ID				w/50 Splines in	ID		
0005139-00R	Smooth Hub	8 Studs	19 Splines	34	5800182-69R	Smooth Hub	3 Mounting Pads	19 Splines	82
0212590-00R	Smooth Hub	4 Mounting Pads	19 Splines	21		w/50 Splines in			
	w/Bushing in I	ID			5800276-52R	2 Eared Hub	3 Oblong Pads	19 Splines	123
0541647-00R	Smooth Hub	8 Studs	19 Splines	34	9008428-00R	2 Flats on Hub	6 Threaded Holes	18 Splines	88
0616534-00R	Smooth Hub	8 Studs	19 Splines	34	9008428-01R	2 Flats on Hub	6 Threaded Holes	18 Splines	88
0618429-00R	Smooth Hub	8 Studs	19 Splines	34	9009668-50R	Geared Hub	6 Threaded Holes	19 Splines	54
0642720-00R	Smooth Hub V	V 4 Mounting Pads	19 Splines	14	9010648-01R	2 Eared Hub	6 Threaded Holes	20 Splines	53
	w/Bushing in I				9010658-01R	2 Eared Hub	6 Threaded Holes	20 Splines	53
0805287-00R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	9011988-01R	2 Eared Hub	6 Threaded Holes	20 Splines	40
1341474-00R		6 Mounting Nuts	19 Splines	28	9012108-50R	Geared Hub	6 Threaded Holes	19 Splines	54
2047168-00R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	9012348-01R	2 Eared Hub	6 Threaded Holes	20 Splines	40
4400567-48R	2 Flats	Mounting Tabs	29 Splines	No Photo	9012358-01R	2 Eared Hub	6 Threaded Holes	20 Splines	40
	on Hub				9014137-00R	2 Flats on Hub	6 Threaded Holes	18 Splines	88
5002695-00R	Smooth Hub	4 Mounting Pads	19 Splines	22	9014578-01R	2 Eared Hub	4 Threaded Holes	20 Splines	94
	w/Bushing in I	ID			9017778-01R	2 Eared Hub	6 Threaded Holes	14 Splines	7
5042987-17R	Smooth Hub	4 Round Nuts	29 Splines	84	9018338-01R	2 Flats on Hub	8 Threaded Holes	19 Splines	96
	w/50 Splines i	n ID			9018918-01R	2 Eared Hub	6 Threaded Holes	14 Splines	60
5059705-47R	Smooth Hub	3 Mounting Pads	19 Splines	82	9019868-01R	2 Eared Hub	6 Threaded Holes	14 Splines	67
	w/50 Splines i	n ID			9020488-01R	2 Flats on Hub	6 Threaded Holes	14 Splines	11
5059705-88R	Smooth Hub	3 Mounting Pads	19 Splines	82	9022268-01R	2 Flats on Hub	6 Threaded Holes	14 Splines	97
	w/50 Splines i	n ID			9025137-00R	2 Eared Hub	6 Threaded Holes	20 Splines	53
5111084-00R	Straight Hub	4 Mounting Pads	27 Splines	33	9028636-00R	Smooth Hub	6 Threaded Holes	20 Splines	89
5141258-00R	2 Eared Hub	6 Thick Mounting	17 Splines	25	9094356-00R	2 Eared Hub	4 Threaded Holes	20 Splines	94
		Nuts			9094366-00R	2 Eared Hub	4 Round Nuts	20 Splines	56
5142456-00R	2 Flats on hub	4 Studs	29 Splines	31	9094376-00R	2 Eared Hub	6 Threaded Holes	14 Splines	7
5145486-00R	Straight Hub	4 Mounting Pads	27 Splines	33	9094386-00R	2 Eared Hub	4 Round Nuts	20 Splines	56
5150108-00R	Smooth Hub	4 Mounting Pads	19 Splines	14	9102098-50R	Geared Hub	6 Threaded Holes	19 Splines	54
	w/Bushing in I	ID			9112826-00R	2 Eared Hub	4 Threaded Holes	20 Splines	94
5153976-03R	2 Eared Hub	6 Mounting Nuts	29 Splines	29	9112846-00R	2 Eared Hub	6 Threaded Holes	14 Splines	7
5154068-01R	Slotted Hub	4 Mounting Pads	24 Splines	17	9112856-00R	2 Eared Hub	4 Round Nuts	20 Splines	56
5154068-03R	Smooth Hub	4 Mounting Pads	19 Splines	21	9112866-00R	2 Eared Hub	6 Threaded Holes	20 Splines	40
	w/Bushing in I	ID			9118986-00R	2 Flats on Hub	8 Threaded Holes	19 Splines	96
5154068-04R	4 Eared Hub	6 Mounting Nuts	19 Splines	28	9137186-00R	2 Flats on Hub	6 Threaded Holes	14 Splines	11
5154068-05R	Smooth Hub V	V 4 Mounting Pads	19 Splines	22	9160996-00R	2 Flats on Hub	6 Threaded Holes	14 Splines	97
	w/Bushing in I	ID			9171616-00R	2 Flats on Hub	6 Threaded Holes	14 Splines	97
5154068-06R	Straight Hub	4 Mounting Pads	27 Splines	33	9184216-00R	2 Flats on Hub	4 Mounting Pads	14 Splines	104
5154068-07R	2 Flats on hub	4 Studs	29 Splines	31	9189146-00R	2 Flats on Hub	8 Threaded Holes	19 Splines	96
5158326-01R	2 Eared Hub	6 Mounting Nuts	29 Splines	43	9195746-00R	2 Flats on Hub	8 Threaded Holes	19 Splines	96
5160418-91R	2 Flats on Hub	4 Studs	29 Splines	31					
5162034-00R	Slotted Hub	4 Mounting Pads	24 Splines	17	If \	vou don't s	ee the part n	umber vou	're
5173574-00R	Smooth Hub	4 Mounting Pads	19 Splines	21	,			•	-
	w/Bushing in I	ID				looking to	or please cor	naci your	
5188026-60R	Smooth Hub	3 Mounting Pads	19 Splines	82	JI Sale	es Renrese	entative for cu	irrent avail	ability
	w/50 Splines i	-	-		or can	oo i topi ooc		an one avail	ability.
5196020-00R	Slotted Hub	4 Mounting Pads	24 Splines	17	_				
						New nart n	umbers are:	added dail	V

New part numbers are added daily.

New Torque Converters may be available. Contact your JI Rep. for price & availability.



# Remanufactured Torque Converters Aluminum Bolted

Part	,			Photo	Part				Photo
	TT1.	N/I 4°-	C-1:			IIl.	M4'	- C-1:	
Number	Hub	Mountil	ng Splines	Ref	Number Pettibone	Hub	Mountin	g Splines	Ref
Caterpillar	O Fared Hub		16 Calinas	No Dhoto	25687-7R	2 Eared Hub	- ′	17 or 29 Splines	93
1033325R	2 Eared Hub	-	16 Splines	No Photo	3380R	2 Eared Hub		17 or 29 Splines	93
					846129R	2 Eared Hub			
Funk								17 or 29 Splines	93
4045001R	2 Eared Hub		17 or 29 Splines	93	LL2859-5R	2 Eared Hub	- ′	17 or 29 Splines	93
4045022R	2 Eared Hub		17 or 29 Splines	93					
4045027R	2 Eared Hub		17 or 29 Splines	93	Silent Hoist				
4045030R	2 Eared Hub		17 or 29 Splines	93	BB14075R	2 Eared Hub	- 1	17 or 29 Splines	93
4045031R	2 Eared Hub		17 or 29 Splines	93					
4045070R	Splined Hub	-	29 Splines	No Photo	TCM				
4045090R	Splined Hub	-	29 Splines	No Photo	13042-50211				No Photo
4045098R	Splined Hub	-	29 Splines	No Photo	AE-602811-10	02R			No Photo
4045405R	Splined Hub		29 Splines	No Photo	<del></del>				
4045893R			'		Toyota				
4045963R					32210-12011	-71R			
1000011						4 Eared Hub	-		No Photo
Hyster					32210-12051				
0158906R	2 Eared Hub	_	17 or 29 Splines	93	0000.	4 Eared Hub	_ ′	18 Splines	No Photo
0263096R	2 Eared Hub		17 or 29 Splines	93	32210-12610		'	ТО ОРШТОО	140111010
				93	32210-12010	4 Eared Hub	_		No Photo
0263097R	2 Eared Hub		17 or 29 Splines		32210-13030				NOTTIOLO
120210ABR	2 Eared Hub		17 or 29 Splines	93	32210-13030	4 Eared Hub	,	10 Calingo	No Photo
126494R	2 Eared Hub		17 or 29 Splines	93	20040 42024		- 1	18 Splines	NO PHOIO
158906R	2 Eared Hub		17 or 29 Splines	93	32210-13031			10.0 .1	N. Diviti
184495R	2 Eared Hub		17 or 29 Splines	93	00010 00000	4 Eared Hub	<u>-</u> ´	18 Splines	No Photo
191977R	2 Eared Hub		17 or 29 Splines	93	32210-23030				
263096R	2 Eared Hub		17 or 29 Splines	93		4 Eared Hub	- 1	18 Splines	No Photo
263097R	2 Eared Hub	-	17 or 29 Splines	93	32210-23031				
309804R	Splined Hub	-	29 Splines	No Photo		4 Eared Hub	- 1	18 Splines	No Photo
					32210-31721	-71R			
Kalmar AC									
4920000R	2 Eared Hub	-	14 Splines	No Photo	32210-32891	-71R			
			•						
Mitsubishi					32210-32871	-71R			
91123-10030R	2 Eared Hub	-	14 Splines	No Photo		2 Eared Hub	-		
91223-00030R	2 Eared Hub		14 Splines	No Photo	40101-30261	-71R			
91223-10030R	2 Eared Hub		14 Splines	No Photo					
91823-10050R	2 Eared Hub		16 Splines	No Photo	Windham				
91823-10051R	2 Eared Hub		16 Splines	114	2224R	2 Eared Hub		17 or 29 Splines	93
91823-10052R	2 Eared Hub	-	16 Splines	115		L Larga Hub	_	17 Of 20 Optilies	50
91823-10060R	2 Eared Hub		16 Splines	116	Yale				
91823-10064R	2 Eared Hub		16 Splines	No Photo	0590760-00R	)			
92023-20030R	36 Spline Hub		21 Splines	No Photo	0090700-00R			17 or 20 Calla	02
92023-20031R	36 Spline Hub	-	21 Splines	No Photo	00-1000 000	2 Eared Hub	<u>-</u> ´	17 or 29 Splines	93
92322-40010R		-	100 "	117	2054263-00R			47 000 "	00
93723-00020R	2 Eared Hub		16 Splines	No Photo	00==15= 55=	2 Eared Hub	<u>-</u> ´	17 or 29 Splines	93
93723-10020R	2 Eared Hub	-	16 Splines	No Photo	6955127-00R				
					<u></u>	2 Eared Hub	<u> </u>	17 or 29 Splines	93
Nissan									
31100-11H01R	Flats on Hub		18 Splines	No Photo					
31100-L1010R	Flats on Hub		18 Splines	No Photo					
31100-L1011R	Flats on Hub	-	18 Splines	No Photo					

New Torque Converters may be available. Contact your JI Rep. for price & availability.

Photo Reference Section is for use in identification of Converters and does not imply that Converters with similar Reference Numbers are identical.



#### Photo Ref.

1 Size 11" Borg Warner
Hub 2 Eared Hub
Pilot .750" OD
Mounting 6 Mounting Nuts
Stator Splines 29
Turbine Splines 17





Comment: Code letters: ND, NO, RR, RP, NH, JC, JV, LX; Also available with cooling shroud.

Size 11" Borg Warner Hub 4 Eared Hub W/Bushing Pilot .750" OD Mounting 6 Mounting Nuts Stator Splines 19 Turbine Splines 15





Comment: Code Letters: KY, HU, FV, RW, KX, FW, HP, RU, KM, PB, RV

3 Size 11" Borg Warner Hub 4 Eared Hub W/Bushing Pilot .750" OD Mounting 6 Mounting Straps Stator Splines 19 Turbine Splines 15

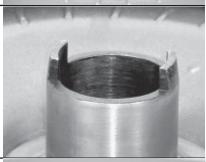




Comment: Code Letters: EG, ET, FC, FD, FF, KF, FE, KZ, RX

4 Size 11" Borg Warner
Hub 2 Eared Hub
Pilot .750" OD
Mounting 6 Mounting Nuts
Stator Splines 29
Turbine Splines 17

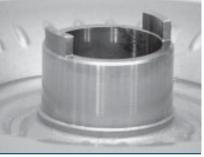




Comment: Code Letters: FP, ME, MZ, RB, RF, BB, DG, DA, PY, LK, RE, NG, PZ

5 Size 13" Borg Warner Hub 2 Eared Hub Pilot 1.703" OD x .50" L Mounting 6 Mounting Nuts Stator Splines 22 Turbine Splines 18





Comment: Color Code: 2 blue and 1 green stripe or 2 blue and 1 brown stripe



#### Photo Ref.

6 Size 11" Daikin
Hub 2 Eared Hub
Pilot .589" OD x .650" L
Mounting 6 Threaded Holes
Stator Splines 19
Turbine Splines 18





Comment: No dowel pins at drive plate mounting

7 Size 11" Mazda Hub 2 Eared Hub Pilot .589" OD x .58"L Mounting 6 Threaded Holes Stator Splines 19 Turbine Splines 14





8 Size 13" Borg Warner
Hub Splined Hub
Pilot 1.701" OD
Mounting 3 Mounting Pads
Stator Splines 19
Turbine Splines 15







Comment: Color Codes: 2 black and 1 brown stripe or 2 yellow and 1 orange stripe

9 Size 11.5" Borg Warner Hub Splined Hub Pilot 2.044" OD hollow Mounting 6 Mounting Nuts Stator Splines 19 Turbine Splines 20





Comment: Code letters: UH, WH, UK, VY

Size 12.5" Sachs Hub Smooth Hub W/ 36 Splines in I.D. Pilot 1.571" OD x .68" L Mounting 4 Mounting Pads Stator Splines 22 Turbine Splines 26





Comment: 181001 stamped on bottom cover - 147000 stamped on impeller cover



## Photo Ref.

11 Size 10.5" Mazda
Hub 2 Flats on Hub
Pilot .589" OD x .60"L
Mounting 6 Threaded Holes
Stator Splines 30
Turbine Splines 14





Comment: Drive Plate Mounting Holes at 60 degree interval

12 Size 12.5" Sachs
Hub Smooth Hub W/Seal Ring Groove
Pilot 1.572" OD x 1.045"
Mounting 4 Mounting Pads
Stator Splines 46
Turbine Splines 30





Comment: 040508 or 040401 stamped on bottom cover - 057003 or 050000 stamped on impeller cover

13 Size 13" Borg Warner
Hub Slotted Hub
Pilot 1.702" OD
Mounting 6 Mounting Pads
Stator Splines 27
Turbine Splines 30





Comment: Color code: 1 green stripe and 1 white stripe or 1 purple stripe and one white stripe. Allison application

14 Chrysler

 Hub Smooth Hub W/Bushing in I.D.
 Pilot 1.812" OD
 Mounting 4 Mounting Pads
 Stator Splines 27
 Turbine Splines 19





Comment: Unit may have cooling fins

Chrysler

 Hub Slotted Hub
 Pilot 1.812" OD
 Mounting 4 Mounting Pads
 Stator Splines 29

 Turbine Splines 27





Comment: Also available with 122 tooth ring gear



## Photo Ref.

Size 11" Borg Warner Hub Smooth Hub W/25 Splines in I.D. Pilot .750" OD Mounting 6 Mounting Nuts Stator Splines 29 Turbine Splines 29





Comment: Code Letters: SP, VN, SJ, VE

17 Chrysler
Hub Slotted Hub
Pilot 1.812" OD
Mounting 4 Mounting Pads
Stator Splines 27
Turbine Splines 24





Comment: 130 tooth ring gear

18 Size 11" Borg Warner
Hub 2 Eared Hub
Pilot .750" OD
Mounting 6 Mounting Nuts
Stator Splines 29
Turbine Splines 17







Comment: Code Letters: GC, HC, KS, RO, G, GZ; Also available with cooling shroud.

19 Ford Hub 2 Eared Hub Pilot 1.375" OD Mounting 4 Studs Stator Splines 29 Turbine Splines 29







20 Size 11" Borg Warner Hub Removable Geared Hub W/8 Allen Head Bolts Pilot .787" OD Mounting 4 Square Mounting Nuts Stator Splines 19 Turbine Splines 15





Comment: Code Letters: TC



#### Photo Ref.

21 Chrysler
Hub Smooth Hub W/Bushing in I.D.
Pilot 1.812" OD
Mounting 4 Mounting Pads
Stator Splines 27
Turbine Splines 19





Comment: Large body unit - 130 tooth x .5" thick ring gear

22 Chrysler Hub Smooth Hub W/Bushing in I.D. Pilot 1.812" OD Mounting 4 Mounting Pads Stator Splines 27 Turbine Splines 19





Comment: Small body unit - 130 tooth x 1" thick ring gear

23 Size 11" Borg Warner Hub Removable Geared Hub W/8 Allen Head Bolts Pilot .750" OD Mounting 4 Thick Square Mounting Nuts Stator Splines 29 Turbine Splines 15



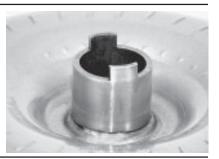


24 Size 11" Borg Warner
Hub 2 Eared Hub
Pilot .750" OD
Mounting 6 Mounting Nuts
Stator Splines 29
Turbine Splines 17

Comment: Code Letters: SX



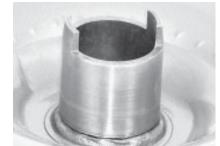




Comment: Code Letters: NU, NT, OP, RM, RK, PP, OO, RL, ST, PC, RS, SS

Size 11" Borg Warner or 11" Sachs
 Hub 2 Eared Hub
 Pilot .750" OD
 Mounting 6 Thick Mounting Nuts
 Stator Splines 29
 Turbine Splines 17





Comment: Code Letters Borg Warner: KG, PW, SL, SR, SK Code Numbers Sachs: 314002 top/187002 bottom or 314001 top / 187001 bottom



## Photo Ref.

Size 11" Borg Warner Hub 4 Eared Thin Hub Pilot .750" OD Mounting 6 Mounting Straps Stator Splines 19 **Turbine Splines 19** 

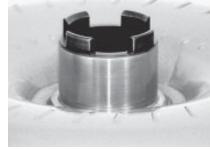




Comment: CODE Letters: DJ, AE, F, PR, AD, EC, G, GF; Also available with cooling shroud.

Size 11" Borg Warner Hub 4 Eared Hub Pilot .750" OD Mounting 6 Mounting Nuts Stator Splines 19 **Turbine Splines 19** 



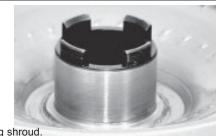


Comment: Code letters: GC, HM, PV, GD, HL, OS, NM, SE, NL, PF, RT, LR

Size 11" Borg Warner Hub 4 Eared Hub Pilot .750" OD Mounting 6 Mounting Nuts Stator Splines 19 **Turbine Splines 19** 

Comment: Code Letters: GE, GW, JH, LC, NJ, NV, OA, OV,

PN, PU, PJ, SH, PV, GB, HN, JT, PH, KW, FU, PO, PL, PW, MD, NK, LP, PK; Also available with cooling shroud.



Size 11" Borg Warner Hub 2 Eared Hub Pilot .750" OD Mounting 6 Mounting Nuts Stator Splines 29 **Turbine Splines 29** 







Comment: Code Letters: FY,HW,RA, RN, PM, HA, HK, KU, PM, LA, RZ; Also available with cooling shroud.

30 Ford Hub 2 Flats on hub Pilot 1.375" OD Mounting 4 Studs Stator Splines 32 **Turbine Splines 29** 





Comment: May have dimples on impeller cover



#### Photo Ref.

Ford Hub 2 Flats on hub Pilot 1.375" OD Mounting 4 Studs Stator Splines 32 **Turbine Splines 29** 





Comment: May have dimples on impeller cover

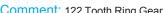
Size 11" Borg Warner or 11" Sachs Hub 2 Eared Hub Pilot .750" OD Mounting 6 Mounting Nuts Stator Splines 29 **Turbine Splines 29** 

Comment: Code Letters Borg Warner: NT, RM, SF, PX,

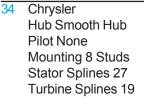
Code Numbers Sachs: 113001 top / 11500 bottom, 10100 top/10700 bottom, 311001 top / 187001 bottom

NH, KU, HG, HA, RN, PG, RO, LB, NS, RD, SR, SN, TG, MA, MG, OR, TF, SD, RC, SJ

Chrysler / Yale Hub Straight Hub Pilot 1.812" OD Mounting 4 Mounting Pads Stator Splines 27



Comment: 122 Tooth Ring Gear



Comment: 146 tooth ring gear - may have cooling fins





www.joseph.com

Size 11" Borg Warner 35 Hub Removable Geared Hub W/8 Allen Head Bolts Pilot .750" OD Mounting 6 Square Mounting Nuts Stator Splines 29 **Turbine Splines 15** 

Comment: Code Letters: SM



New Torque Converters may be available. Contact your JI Rep. for price & availability. Photo Reference Section is for use in identification of Converters and does not imply that Converters with similar Reference Numbers are identical.

All manufacturers' names, numbers, symbols and descriptions are used for reference purpose only, and it is not implied that any part listed is the product of the manufacturer. Copyright 2005, Joseph Industries, Inc.

Toll Free USA & Canada: 800-321-9983, Mexico: 001-800-561-1897 Fax: 330/342-3895



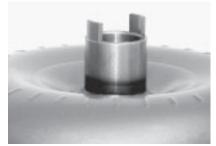
## Photo Ref.

36

Hub 2 Eared Hub Pilot .750" OD Mounting Long Round Nuts Stator Splines 24







Comment: 68 Stamped on Bottom

37 Ford Hub 2 Flats on hub Pilot 1.375" OD Mounting 4 Studs Stator Splines 32 Turbine Splines 29





Comment: May have dimples on impeller cover

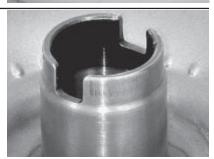
38 Size 12" Komatsu
Hub 2 Eared Hub
Pilot Removable type
Mounting 6 Threaded Holes
Stator Splines 18
Turbine Splines 16





39 Size 11" Sachs
Hub Slotted Hub
Pilot 1.181" & 1.148" OD
Mounting 4 Mounting Pads
Stator Splines 38
Turbine Splines 27





Comment: 081003 stamped on the bottom cover

40 Size 11" Mazda
Hub 2 Eared Hub
Pilot .589" OD x .58"L
Mounting 6 Threaded Holes
Stator Splines 19
Turbine Splines 20







Comment: Code Letters: EH, DH, EK, DK, ET, EG



#### Photo Ref.

41 Size 13" Borg Warner
Hub Smooth Hub W/25 Splines in I.D.
Pilot 1.700" OD
Mounting 6 Mounting Nuts
Stator Splines 20
Turbine Splines 29





Comment: Available in lockup and non-lockup models. Specify color codes

42 Size 11" Borg Warner
Hub Splined Hub
Pilot .750" OD
Mounting 6 Mounting Nuts
Stator Splines 29
Turbine Splines 29







Comment: Code Letters: TD, TS, TJ, TA, TN

43 Size 11" Borg Warner
Hub 2 Eared Hub
Pilot .750" OD
Mounting 6 Mounting Nuts
Stator Splines 29
Turbine Splines 29







Comment: Code Letters: VB, PD, OY, DY, SB, PA, SY, OZ, SC

44 Size 11" Daikin
 Hub Geared Hub
 Pilot .589" OD
 Mounting 6 Threaded Holes
 Stator Splines 19
 Turbine Splines 18







45 Size 13" Daikin
 Hub 2 Eared Hub
 Pilot .787" OD
 Mounting 6 Threaded Holes
 Stator Splines 16
 Turbine Splines 16





Comment: 2 dowel pins at drive plate mounting

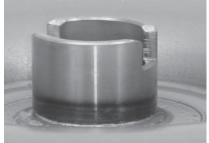


#### Photo Ref.

Chrysler

 Hub Slotted Hub
 Pilot 1.812" OD
 Mounting 4 Mounting Pads
 Stator Splines 29
 Turbine Splines 27





Comment: 122 tooth ring gear

47 Size 11" Daikin
 Hub Geared Hub
 Pilot 5.89" OD x .650"L
 Mounting 6 Threaded Holes
 Stator Splines 19
 Turbine Splines 14





48 Size 11" Sachs or 12" Sachs
Hub 2 Eared Hub
Pilot .787" OD or 1.177" OD x 1.19"
Mounting 4 Mounting Tabs
Stator Splines 19 or 22
Turbine Splines 29

Comment: 11" Sachs - 063103 stamped on bottom cover;

12" Sachs - 046405 stamped on bottom cover - 046407 stamped on impeller cover



49 Size 13" Daikin Hub Geared Hub Pilot .982" OD x 1.10" L Mounting 6 Threaded Holes Stator Splines 18 Turbine Splines 19



NO PHOTO AVAILABLE

Comment: 2 dowel pins at drive plate mounting

50 Size 12.5" Sachs
Hub 2 Eared Hub
Pilot .787" OD x .500" L
Mounting 4 Mounting Pads
Stator Splines 21
Turbine Splines 19





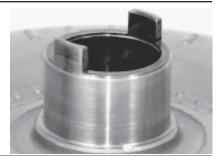
Comment: 110001 stamped on bottom cover



## Photo Ref.

51 Size 11.5" Sachs
Hub 2 Eared Hub
Pilot .787" OD x .500"L
Mounting 4 Mounting Tabs
Stator Splines 21
Turbine Splines 19





Comment: 111001 or 111002 stamped on bottom cover

52 Size 11" Komatsu Hub 2 Eared Hub Pilot Removable type Mounting 8 Threaded Holes Stator Splines 18 Turbine Splines 18





Comment: Can have 4, 2 or 0 dowel pins at drive plate mounting

53 Size 11" Mazda
Hub 2 Eared Hub
Pilot .589" OD x .90"L
Mounting 6 Threaded Holes
Stator Splines 19
Turbine Splines 20





Comment: Code Letters: DM, DU, DX

54 Size 13" Mazda
Hub Geared Hub
Pilot See Comment
Mounting 6 Threaded Holes
Stator Splines 18
Turbine Splines 19





Comment: 3 models - pilot OD .750 or .589 - has 4 dowel pins

55 Size 11" Borg Warner
Hub Splined Hub
Pilot .787" OD
Mounting 4 Mounting Nuts
Stator Splines 19
Turbine Splines 20





Comment: Code Letters: TK



## Photo Ref.

56 Size 11" Mazda
Hub 2 Eared Hub
Pilot .589" OD x .60"L
Mounting 4 Round Nuts
Stator Splines 19
Turbine Splines 20

Comment: Code Letters: QE





57 Size 13" Daikin
Hub Geared Hub
Pilot .787" OD x 1.770 L
Mounting 8 Threaded Holes
Stator Splines Bottom 20 Top 31
Turbine Splines 19

Comment: Dual Stator Unit





58 Size 11" Daikin
Hub 2 Eared Hub
Pilot .589" OD x .635" L
Mounting 6 Threaded Holes
Stator Splines 19
Turbine Splines 18

Comment: Could have cooling fins





59 Size 13" Daikin
Hub 2 Ear
Pilot .787" OD x 1.50" L
Mounting 6 Threaded Holes
Stator Splines 18
Turbine Splines 13

Comment: Fits early style F03 series cushion tire truck





60 Size 11" Mazda
Hub 2 Eared Hub
Pilot .589" OD x .58"L
Mounting 6 Threaded Holes
Stator Splines 19
Turbine Splines 14

Comment: Code Letters: P or T with 4 digits.





New Torque Converters may be available. Contact your JI Rep. for price & availability.



#### Photo Ref.

61 Size 12" Borg Warner
Hub 2 Eared Hub
Pilot .787" OD
Mounting 6 Mounting Nuts
Stator Splines 21
Turbine Splines 19





Comment: Color coded: 1 pink stripe and 1 purple stripe

62 Size 13" Daikin
Hub Removable Hub
Pilot .982" OD x .982"L
Mounting 6 Threaded Holes
Stator Splines 18
Turbine Splines 19







Comment: 2 dowel pins at drive plate mounting

63 Size 11" Daikin
Hub 2 Eared Hub
Pilot .589" OD x .600"L
Mounting 8 Threaded Holes
Stator Splines 18
Turbine Splines 14





Comment: No dowel pins at drive plate mounting

64 Size 11" Daikin
Hub 2 Eared Hub
Pilot .589" OD x .580" L
Mounting 8 Threaded Holes
Stator Splines 18
Turbine Splines 14





Comment: 4 dowel pins at drive plate mounting

65 Size 13" Borg Warner
Hub Smooth Hub W/25 Splines in I.D.
Pilot 1.702" OD
Mounting 6 Mounting Pads
Stator Splines 24
Turbine Splines 24





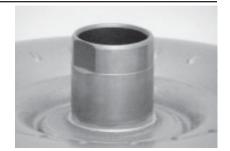
Comment: Color Code: 2 black stripes



#### Photo Ref.

66 Size 11" Daikin
Hub 2 Flats on Hub
Pilot .787" OD x .660" L
Mounting 6 Threaded Holes
Stator Splines 30
Turbine Splines 14





Comment: Fits J and K series single speed transmissions

67 Size 11" Mazda
Hub 2 Eared Hub
Pilot .589" OD x .588"L
Mounting 6 Threaded Holes
Stator Splines 19
Turbine Splines 14







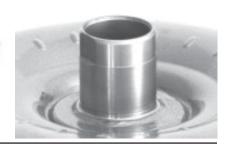
68 Size 13" Borg Warner
Hub Slotted Hub
Pilot 1.700" OD
Mounting 6 Mounting Pads
Stator Splines 24
Turbine Splines 30





69 Size 11" Komatsu
Hub 2 Flats on Hub
Pilot Removable type
Mounting 8 Threaded Holes
Stator Splines 30
Turbine Splines 14





70 Size 11.5" Sachs Hub Smooth Hub W/50 Splines in I.D. Pilot .787" & 1.300" OD Mounting 4 Mounting Nuts Stator Splines 29 Turbine Splines 29

Comment: 215001 or 215002 stamped on bottom cover - 154000 or 154001 stamped on impeller cover





New Torque Converters may be available. Contact your JI Rep. for price & availability.

Photo Reference Section is for use in identification of Converters and does not imply that Converters with similar Reference Numbers are identical. *Toll Free USA & Canada: 800-321-9983, Mexico: 001-800-561-1897 Fax: 330/342-3895 www.joseph.com* 

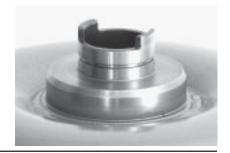
All manufacturers' names, numbers, symbols and descriptions are used for reference purpose only, and it is not implied that any part listed is the product of the manufacturer.



#### Photo Ref.

71 Size 11" Daikin
Hub 2 Eared Hub
Pilot .589" OD x .600"L
Mounting 8 Threaded Holes
Stator Splines 18
Turbine Splines 14





Comment: No dowel pins at drive plate mounting

72 Size 11" Daikin
Hub 2 Flats on Hub
Pilot .787" OD x .660" L
Mounting 6 Threaded Holes
Stator Splines 30
Turbine Splines 14 or 18
Comment: 14 turbine Splines fit





73 Size 11" Daikin
Hub 2 Eared Hub
Pilot .589" OD x .580""L - OR
- .589" OD x .610" L
Mounting 8 Threaded Holes
Stator Splines 18
Turbine Splines 14

Comment: Can have 2 dowel pins or 0 dowel pins at drive plate mounting; cooling fins.



74 Size 13" Daikin
 Hub Geared Hub
 Pilot .787" OD x 1.50" L - OR
 - .984" OD x 1.10" L
 Mounting 6 Threaded Holes
 Stator Splines 18
 Turbine Splines 19

Comment: .787" Pilot fits early FO5 series trucks; .984" Pilot has 2 dowel pins at drive plate mounting





75 Size N/A Hub N/A Pilot 2.038" OD x 1.07" L Mounting 8 Threaded Holes Stator Splines 32 Turbine Splines 15





Comment: N13044 DOZ stamped on top



## Photo Ref.

Size 13" Daikin **Hub Geared Hub** Pilot .982" OD Mounting 6 Threaded Holes Stator Splines 27 **Turbine Splines 19** 





Comment: 4 dowel pins at drive plate mounting

Size 11.5" Sachs Hub 2 Fared Hub Pilot .750" OD Mounting 6 Hole Ring Stator Splines 15 **Turbine Splines 19** 





Comment: 123301 stamped on bottom cover - 128400 stamped on impeller cover

78 Size 13" Daikin Hub 2 Eared Hub Pilot .787" OD x 1.50" L Mounting 6 Threaded Holes Stator Splines 18 **Turbine Splines 19** 





Comment: Fits early style F03 series pneumatic tire truck; 2 dowel pins at drive plate mounting.

Size 13" Komatsu Hub 2 Eared Hub Pilot Removable type Mounting 6 Threaded Holes Stator Splines 18 **Turbine Splines 19** 







80 Size 13" Daikin Hub Geared Hub Pilot .982" OD x 1.10" L Mounting 6 Threaded Holes Stator Splines 27 **Turbine Splines 19** 





Comment: 2 dowel pins at drive plate mounting



#### Photo Ref.

81 Size 12" Sachs
Hub Smooth Hub W/Seal Ring Groove
Pilot 1.177" OD x 1.19"
Mounting 4 Mounting Pads
Stator Splines 22
Turbine Splines 18



Comment: 046405 stamped on bottom cover - 046407 stamped on impeller cover

Size 13" Borg Warner
Hub Smooth Hub W/50 Splines in I.D.
Pilot .787" OD x .460" L
Mounting 3 Mounting Pads
Stator Splines 29
Turbine Splines 29

Comment: Specify color code.







83 Size 11.5" Sachs
Hub 2 Eared Hub
Pilot .750" OD
Mounting 6 Hole Ring
Stator Splines 15
Turbine Splines 19





Comment: 123401 stamped on bottom cover - 128500 stamped on impeller cover

84 Size 11" Sachs
Hub Smooth Hub W/50 Splines in I.D.
Pilot .787" OD & 1.3" OD
Mounting 4 Round Nuts
Stator Splines 29
Turbine Splines 29







Comment: 831233 stamped on impeller cover

85 Ford
Hub 2 Eared Hub
Pilot 1.572" OD
Mounting 4 Studs
Stator Splines 29
Turbine Splines 29







Comment:



#### Photo Ref.

86 Size 11" Borg Warner Hub Splined Hub Pilot .787" OD Mounting 4 Square Nuts Stator Splines 19 Turbine Splines 20

Comment: Code Letters: TM







87 Size 11" Sachs
Hub Smooth Hub
Pilot 1.812" OD
Mounting 4 Mounting Pads
Stator Splines 38
Turbine Splines 27







88 Size 11" Mazda
Hub 2 Flats on Hub
Pilot .589" OD x .895" L
Mounting 6 Threaded Holes
Stator Splines 32
Turbine Splines 18







88 Size 11" Mazda
Hub Smooth Hub
Pilot .589" OD x .895" L
Mounting 6 Threaded Holes
Stator Splines 32
Turbine Splines 20







90 Size 11" Toyota
Hub 4 Eared Hub
Pilot .589" OD x 1" L
Mounting 6 Threaded Holes
Stator Splines 10
Turbine Splines 18

Comment: Hub has seal ring groove. Fits some Komatsu and Kalmar models









#### Photo Ref.

91 Size 11" Mitsubishi
Hub 2 Flats on hub
Pilot .589" OD x .600 L
Mounting 8 Threaded Holes
Stator Splines 30
Turbine Splines 14





Comment: 019274 on side of top

92 Size 13" Daikin
Hub Geared Hub
Pilot .589" OD x 1.550 L
Mounting 8 Threaded Holes
Stator Splines 31
Turbine Splines 20





Comment: 7202 stamped on side of bottom

93 Size 11 3/4" or 12"
Hub 2 Eared Hub
Pilot
Mounting
Stator Splines
Turbine Splines 17 or 29





Comment: May also have splined hub

94 Size 11" Mazda
Hub 2 Eared Hub
Pilot .589" OD x .600 L
Mounting 4 Threaded Holes
Stator Splines 19
Turbine Splines 20







## Comment:

95 Size 11" Toyota
Hub 2 Flats on Hub
Pilot 1.257" OD x .70 L
Mounting 6 Threaded Holes
Stator Splines 30
Turbine Splines 14







Comment: Used in 5 Series Toyota 1 ton models



#### Photo Ref.

Size 12" Mazda Hub 2 Flats on Hub Pilot .589" OD x .625 L Mounting 8 Threaded Holes Stator Splines 16 **Turbine Splines 19** 







## Comment:

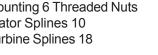
Size 10.5" Mazda Hub 2 Flats on Hub Pilot .668" OD x .60 L Mounting 6 Threaded Holes Stator Splines 30 **Turbine Splines 14** 





Comment: Mounting holes spaced at 65 - 55 - 65 - 55 degree intervals

Size 11" Toyota Hub 4 Eared Hub Pilot 1.257" OD Mounting 6 Threaded Nuts Stator Splines 10 **Turbine Splines 18** 



Comment: Hub has seal ring grove.





Size Fitchel & Sachs Hub Pilot 1.375" OD Mounting 4 Tabs Stator Splines 19 **Turbine Splines 17** 

Comment: 065001 stamped on bottom.





100 Size 13" Daikin **Hub Geared Hub** Pilot Removable Type Mounting 6 Threaded Holes Stator Splines 18 **Turbine Splines 19** 

Comment: Fits late F05 Series Trucks





New Torque Converters may be available. Contact your JI Rep. for price & availability.

Photo Reference Section is for use in identification of Converters and does not imply that Converters with similar Reference Numbers are identical.



## Photo Ref.

101 Mitsubishi
Hub 2 Flats on Hub
Pilot .589" OD x .615 L
Mounting 6 Threaded Holes
Stator Splines 30
Turbine Splines 14

Comment: CO stamped on top.





102 Size 11" Exedy
Hub 3.75" OD with 50 Splines on ID
Pilot .787" OD x .475 L or 1.30" OD x .540 L
Mounting 4 Round Nuts
Stator Splines 29
Turbine Splines 29

Comment: OY1376 on side of bottom.



103 Size 11 1/2" Sachs
Hub Flange for Removable Geared Hub
Pilot .750" OD x .750 L
Mounting 6 Nuts
Stator Splines 29
Turbine Splines 29

Comment: Top Stamped 186000 Bottom Stamped 318001





104 Size 10 1/2" Yale
Hub 2 Flats on Hub
Pilot .787" OD x .450 L
Mounting 4 Pads
Stator Splines 30
Turbine Splines 14

Comment: 1 brown stripe on top. 1 white stripe on bottom



105 Borg Warner
Hub 2 Eared Hub
Pilot .750" OD
Mounting 4 Studs
Stator Splines
Turbine Splines 22

Comment:







## Photo Ref.

#### 106

Hub 4 Eared Thin Hub Pilot .750" OD Mounting 6 Mounting Straps Stator Splines 19 Turbine Splines 19

Comment: Code Letters: CE, EA, DE, OE, BF, DF, ED, FH





#### 107

Hub 2 Eared Hub Pilot .750" OD Mounting 6 Mounting Nuts Stator Splines 29 Turbine Splines 17

Comment: Code Letters: NH, JC, JV. With cooling shroud.





# 108 Size 11" Hub 2 Eared Hub Pilot .589" OD x .920 L Mounting 6 Threaded Holes Stator Splines 19

Turbine Splines 18







## Comment:

109 Size 11" Toyota
Hub 4 Eared Hub
Pilot 1.257" OD x .560 L
Mounting 6 oblong nuts
Stator Splines 10
Turbine Splines 18





## Comment:

110 Size 14 1/2" Fitchel & Sachs Hub Smooth Hub with Seal Ring Grove Pilot 2.358" OD with 25 splines on bottom Mounting 25 Spline Pilot Stator Splines 46 Turbine Splines 30

Comment: 135007 on bottom





New Torque Converters may be available. Contact your JI Rep. for price & availability.



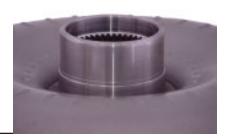


#### Photo Ref.

Size Fitchel & Sachs
Hub Smooth Hub with 46 Splines in ID
Pilot 1.375 OD
Mounting 4 Mounting Pads
Stator Splines 19
Turbine Splines 29







112 Size 13" Daikin Exedy
Hub 2 Flats on Hub
Pilot 2.439" OD x 2.160 L
Mounting 8 Threaded Holes

Pilot 2.439" OD x 2.160 L

Mounting 8 Threaded Holes

Stator Splines Top 31 Bottom 20

Turbine Splines 20





## Comment:

Comment:

113 Size 13" Daikin
Hub 2 Eared Hub
Pilot 2.950" OD x 1.677 L
Mounting 6 threaded holes
Stator Splines 18
Turbine Splines 19







Comment: D with four digits

114 Size
Hub
Pilot
Mounting
Stator Splines
Turbine Splines





Comment:

115 Size
 Hub 2 Eared Hub
 Pilot
 Mounting
 Stator Splines
 Turbine Splines 16







Comment:



## Photo Ref.

#### 116 Size

Hub 2 Eared Hub Pilot Mounting Stator Splines **Turbine Splines** 

### Comment:





## 117 Size

Hub 2 Eared Hub Pilot Mounting Stator Splines **Turbine Splines** 

## Comment:

118 Size 12 1/2" Mitsubishi Hub N/A Pilot .787" OD x .60 L Stator Splines 18 **Turbine Splines 16** 

Mounting 10 Threaded Holes

Comment: Color Code: One white spot on bottom. DM100000 on bottom.









119 Size 14 1/2" Sachs Hub N/A Pilot 1.573" OD x 1.031 L Mounting 4 Mounting Pads Stator Splines 46 **Turbine Splines 30** 

Comment: Color Code: One red spot on top.





120 Size 11 1/2" Borg Warner Hub N/A Pilot .787" OD x .750 L Mounting 4 Mounting Nuts Stator Splines 19 Turbine Splines 20

Comment: 2816242 stamped on bottom.







New Torque Converters may be available. Contact your JI Rep. for price & availability.



#### Photo Ref.

121 Size 11" Fitchel & Sachs

Hub 2 Eared Hub

Pilot 1.180" OD x .450 L

Mounting 7.160 welded ring with 6 Holes

Stator Splines 28 Turbine Splines 26





Comment: 175000, 175001 or 175002 on top. 283001, 283002 or 283003 on bottom.

122 Size Fitchel & Sachs
Hub 2 Eared Hub
Pilot .787" OD

Mounting 4 Mounting Pads

Stator Splines 29 Turbine Splines 29

Comment: 063001 Stamped on Bottom

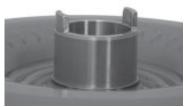




123 Size 13"
Hub 2 Eared Hub
Pilot 1.702" OD x .600 L
Mounting 3 Oblong Pads
Stator Splines 21
Turbine Splines 19

Comment: Color Code: 1 blue and 1 black dot / stripe.

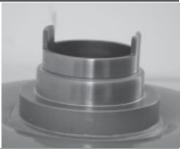




124 Size 11" Komatsu
Hub 2 Eared Hub
Pilot N/A Removable Input Guide
Mounting 8 Threaded Holes 4 Dowel Pins
Stator Splines 22
Turbine Splines 18

Comment:





125 Size 11" TCM
Hub 2 Eared Hub
Pilot .589" OD x .675 L
Mounting 6 Threaded Holes
Stator Splines 30
Turbine Splines 14

Comment: OY and four digits stamped around the side along the weld.







## Photo Ref.

126 Size 11" Mitsubishi
Hub 2 Flats on Hub
Pilot .589" OD x .600 L
Mounting 8 Threaded Holes
Stator Splines 30
Turbine Splines 14







Comment:

127 Size 11" Mitsubishi
Hub 2 Eared Hub
Pilot .589" OD x .580 L
Mounting 8 Threaded Holes 2 Dowel Pins
Stator Splines 18
Turbine Splines 14







Comment: D with 4 digits.