

Basic Clutch Information

Guide to Clutch Identification and Catalog Use

In our efforts to make this catalog as complete and as useful as possible, clutches are listed in three different sections.

1. Specifications Section (listed in ascending order by diameter)
2. Illustration or Photo Section (listed in our numeric order within by manufacturer)
3. Cross Reference Section (OEM service numbers and/or numbers stamped on the clutch are listed in the cross reference section in the back of this catalog)

The clutch used on a particular truck depends on the type of compressor selected from an option list when the truck was first assembled. However, after miles of service, original parts most likely have been replaced. For whatever reason, a truck originally equipped with a reciprocating compressor may now be using a rotary type or possibly a single groove clutch has been replaced with a double groove. To assure your customer gets the right part the first time, it is important to identify the compressor the clutch is to be used on, and the characteristics or specifications of the clutch. If possible, check for label or stamped numbers on the clutch body or the coil assembly to identify the clutch.

If the clutch marking or label is illegible, the following information will be needed:

1. Compressor Make and Model
2. Voltage - 12v or 24v
3. Diameter of Clutch Pulley
4. Number of Grooves; Width of Drive Belt
5. A-B Distance or Gauge Line

For your convenience, a "How to Measure" is shown in each clutch section to help in identification.

Clutches are listed in alphabetical sequence by the name of the compressor manufacturer the clutch is to be installed on.



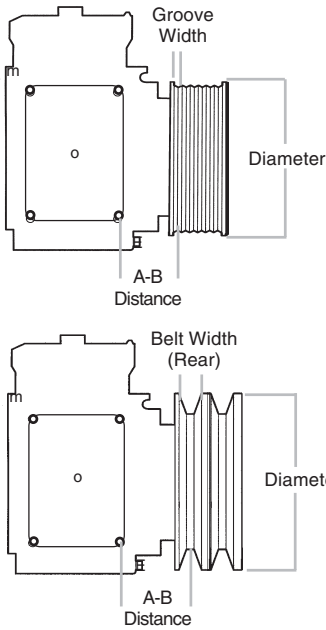
CLUTCHES

BLISSFIELD (Tecumseh).....	194	SELTEC	208
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CLUTCHES — BLISSFIELD / T/CCI



BLISSFIELD / YORK STYLE

HOW TO MEASURE:

IF PART NUMBER ON CLUTCH BEING REPLACED CANNOT BE READ, USE THE FOLLOWING PROCEDURE TO DETERMINE REQUIRED CLUTCH PART NUMBER.

1. DETERMINE IF 12 OR 24 VOLT (Black Wire = 12V, Green Wire = 24V).
2. DETERMINE IF CLUTCH IS SINGLE, DOUBLE OR POLY GROOVE.
3. MEASURE OUTSIDE DIAMETER OF PULLEY.
4. MEASURE WIDTH OF PULLEY GROOVE:
 - a. Single and Double Groove = measure the width of pulley groove.
 - b. Poly Groove = count the number of grooves.
5. MEASURE ACCURATELY THE A-B DISTANCE:
 - a. Single and Double Groove = measure the distance from the compressor mounting hole on the side of the compressor to the middle of the rear belt groove on the pulley (the rear belt groove is closest to the compressor).
 - b. Poly Groove = measure the distance from the compressor mounting hole on the side of the compressor to the middle of the first groove on the pulley.
6. DETERMINE THE NUMBER OF WIRES.

To convert millimeters to inches divide mm by 25.4



T/CCI - 2 WIRE METRIPAK CONNECTORS w/DIODE

Green wire = positive

White wire = ground

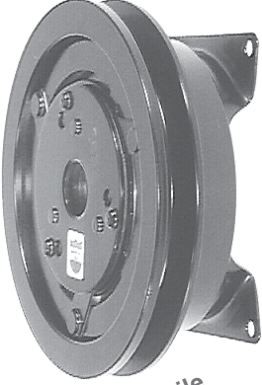





















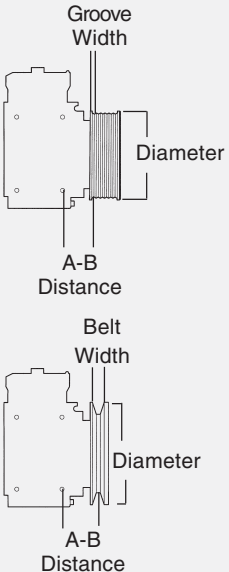
DO NOT REVERSE

Blissfield / T/CCI (clutches are listed in ascending order by diameter)

PART#	DIA.	GROOVES	WIDTH	A-B DIST.	VOLT	DESCRIPTION
5029	5 3/8"	Poly 8	.14"	1 5/8"	12	single wire IHC Plug
5030	5 7/8"	Poly 6	.14"	1 5/8"	12	single wire IHC Plug
5129	5 7/8"	Poly 6	.14"	1 5/8"	12	two wire coil Metripak
5126	5 7/8"	Poly 6	.14"	2"	12	far forward, 2 wire Metripak
5127	5 7/8"	Poly 6	.14"	2"	12	far forward, 1 wire Weatherpak
5031	6"	1	1/2"	2 11/16"	12	single wire Weatherpak
5131	6"	1	1/2"	2 11/16"	12	single wire IHC Plug
5011	6"	1	1/2"	2 1/2"	12	single wire Male Bullet - Limited supply
5125	6"	1	1/2"	2 11/16"	12	two wire coil Metripak
5032	6"	1	5/8"	2 11/16"	12	single wire IHC Plug
5009	6 1/2"	1	1/2"	2 7/8"	12	single wire Male Bullet - Limited supply
5044	6"	2	1/2"	1 3/4" / 2 1/4"	12	single wire Male Bullet
5144	6"	2	1/2"	1 3/4" / 2 1/4"	12	single wire w/diode & Weatherpak
5145	6"	2	1/2"	1 3/4" / 2 1/4"	12	two wire coil Metripak
5045	6"	2	1/2"	1 3/4" / 2 1/4"	24	single wire Male Bullet
5147	6"	2	1/2"	1 3/4" / 2 1/4"	12	mini clutch version (5281) Metripak
5143	6"	2	1/2"	2 1/4" / 2 11/16"	12	single wire IHC Plug
5128	6 1/8"	Poly 8	.14"	1 5/16"	12	two wire coil Metripak
5096	6 3/4"	1	1/2"	2 11/16"	12	single wire Male Bullet
5033	6 3/4"	1	1/2"	3 1/8"	12	single wire Male Bullet
5036	6 3/4"	1	5/8"	1 3/4"	12	single wire Male Bullet
5062	6 3/4"	1	5/8"	1 15/16"	12	single wire Male Bullet
5038	6 3/4"	1	5/8"	2 11/16"	12	single wire Male Bullet
5034	6 3/4"	1	13/16"	2 13/16"	12	single wire Male Bullet
5141	6 3/4"	2	1/2"	2 1/4" / 2 3/4"	12	single wire IHC Plug
5041	7"	2	1/2"	1 3/4" / 2 1/4"	12	single wire Male Bullet
5042	7"	2	1/2"	1 3/4" / 2 1/4"	24	single wire Male Bullet
5063	7 3/8"	1	3/4"	1 15/16"	12	single wire Male Bullet

BLISSFIELD / T/CCI — CLUTCHES

Listed in ascending order by part number.




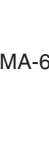


















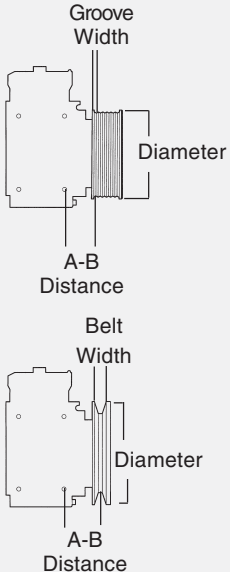
 <p>5009 OE# 1406-70 12v, 6 1/2" dia., 1 grv A-B Dist. - 2 7/8"</p> <p>While Supplies Last</p>  <p>1 Wire Plug</p>	 <p>5011 OE#1436-90 12v, 6" dia., 1 grv A-B Dist. - 2 1/2"</p> <p>While Supplies Last</p>  <p>1 Wire Plug</p>	 <p>5029 OE# 515376, MAN-03 Volt - 12V Dia. - 5 3/8" Grooves - Poly 8 Width - .14" A-B Dist. - 1 5/8"</p>  <p>1 Wire IHC Plug</p>	 <p>5030 OE# 513352, MAN-03 Volt - 12V Dia. - 5 7/8" Grooves - Poly 6 Width - .14" A-B Dist. - 1 5/8"</p>  <p>1 Wire IHC Plug</p>
 <p>5031 OE# 502409 Volt - 12V Dia. - 6" Grooves - 1 Width - 1/2" A-B Dist. - 2 11/16"</p>  <p>1 Wire Plug Weatherpak</p>	 <p>5032 OE# 503879, 515528, MAN-06 Volt - 12V Dia. - 6" Grooves - 1 Width - 5/8" A-B Dist. - 2 11/16"</p>  <p>1 Wire IHC Plug</p>	 <p>5033 OE# 502740 Volt - 12V Dia. - 6 3/4" Grooves - 1 Width - 1/2" A-B Dist. - 3 1/8"</p>  <p>1 Wire Plug</p>	 <p>5034 OE# 1406-20, 502745 Volt - 12V Dia. - 6 3/4" Grooves - 1 Width - 13/16" A-B Dist. - 2 13/16"</p> <p>While Supplies Last</p>  <p>1 Wire Plug</p>
 <p>5036 OE# 502731 Volt - 12V Dia. - 6 3/4" Grooves - 1 Width - 5/8" A-B Dist. - 1 3/4"</p>  <p>1 Wire Plug</p>	 <p>5038 OE# 502743 Volt - 12V Dia. - 6 3/4" Grooves - 1 Width - 5/8" A-B Dist. - 2 11/16"</p> <p>While Supplies Last</p>  <p>1 Wire Plug</p>	 <p>5041 OE# 332334, 502742, MAN-7A Volt - 12V Dia. - 7" Grooves - 2 Width - 1/2" A-B Dist. - 1 3/4" / 2 1/4"</p>  <p>1 Wire</p>	 <p>Groove Width Diameter A-B Distance Belt Width Diameter A-B Distance</p>

CLUTCHES

CLUTCHES — BLISSFIELD / T/CCI













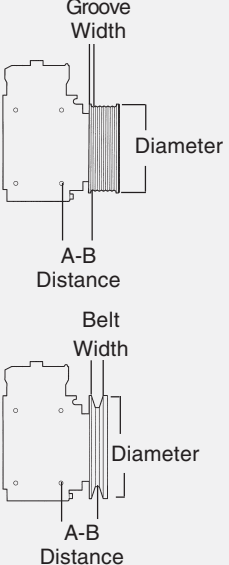


Listed in ascending order by part number (continued).

CLUTCHES

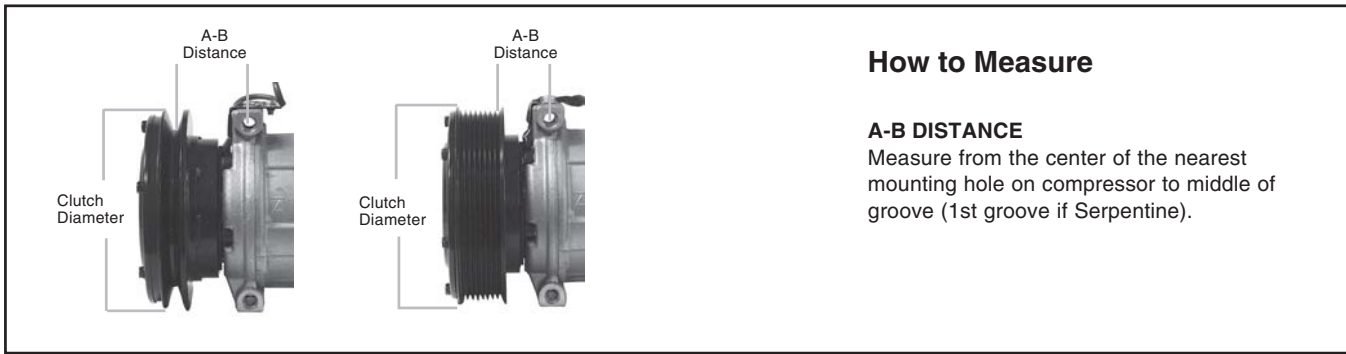
 <p>5042 OE# 1411-51 Volt - 24V Dia. - 7" Grooves - 2 Width - 1/2" A-B Dist - 1 3/4" / 2 1/4"</p>  <p>1 Wire Plug</p>	 <p>5044 OE# 332639, MAE-6AR, MA-6A Volt - 12V Dia. - 6" Grooves - 2 Width - 1/2" A-B Dist.- 1 3/4" / 2 1/4"</p>  <p>1 Wire Plug</p>	 <p>5045 OE# 1411-35 Volt - 24V Dia. - 6" Grooves - 2 Width - 1/2" A-B Dist.- 1 3/4" / 2 1/4"</p>  <p>1 Wire Plug</p>	 <p>5062 OE# 502733 Volt - 12V Dia. - 6 3/4" Grooves - 1 Width - 5/8" A-B Dist.- 1 15/16"</p> <p>While Supplies Last</p>  <p>1 Wire Plug</p>
 <p>5063 OE# 502400 Volt - 12V Dia. - 7 3/8" Grooves - 1 Width - 3/4" A-B Dist.- 1 15/16"</p>  <p>1 Wire Plug</p>	 <p>5096 OE# 1406-23, CH4.91G Volt - 12V Dia. - 6-3/4" Grooves - 1 Width - 1/2" A-B Dist.- 2 11/16"</p>  <p>1 Wire Plug</p>	 <p>5125 OE# 14533 Volt - 12V Dia. - 6" Grooves - 1 Width - 1/2" A-B Dist.- 2 11/16"</p>  <p>2 Wire Plug Metripak</p>	 <p>5126 OE# 14432 Volt - 12V Dia. - 5 7/8" Grooves - Poly 6 Width - .14" A-B Dist.- 2"</p>  <p>2 Wire Plug Metripak</p>
 <p>5127 OE# 14304 Volt - 12V Dia. - 5 7/8" Grooves - Poly 6 Width - .14" A-B Dist.- 2"</p>  <p>1 Wire Plug Weatherpak</p>	 <p>5128 OE# 14372 Volt - 12V Dia. - 6 1/8" Grooves - Poly 8 Width - .14" A-B Dist.- 1 5/16"</p>  <p>2 Wire Plug Metripak</p>	 <p>5129 OE# 14565 Volt - 12V Dia. - 5 7/8" Grooves - Poly 6 Width - .14" A-B Dist.- 1 5/8"</p>  <p>2 Wire Plug Metripak</p>	 <p>Groove Width Diameter A-B Distance Belt Width Diameter A-B Distance</p>

BLISSFIELD / T/CCI — CLUTCHES

Listed in ascending order by part number (continued).

 <p>5131 OE# 508888, MAM-13 Volt - 12V Dia. - 6" Grooves - 1 Width - 1/2" A-B Dist.- 2 11/16"</p>  <p>1 Wire IHC Plug</p>	 <p>5141 OE# 511199, MAN-01 Volt - 12V Dia. - 6 3/4" Grooves - 2 Width - 1/2" A-B Dist.- 2 1/4" / 2 3/4"</p>  <p>1 Wire IHC Plug</p>	 <p>5143 OE# 7925 Volt - 12V Dia. - 6" Grooves - 2 Width - 1/2" A-B Dist.- 2 1/4" / 2 11/16"</p>  <p>1 Wire IHC Plug</p>	 <p>5144 OE# 501939, 024-21590 Volt - 12V Dia. - 6" Grooves - 2 Width - 1/2" A-B Dist.- 1 3/4" / 2 1/4"</p>  <p>1 Wire Plug Weatherpak</p>
 <p>5145 OE# 024-25238 Volt - 12V Dia. - 6" Grooves - 2 Width - 1/2" A-B Dist.- 1 3/4" / 2 1/4"</p>  <p>2 Wire Plug Metripak</p>	 <p>5147 OE# 024-25320 SC Mini Only P/N# 5281 Volt - 12V Dia. - 6" Grooves - 2 Width - 1/2" A-B Dist.- 1 3/4" / 2 1/4"</p> <p><i>While Supplies Last</i></p>  <p>2 Wire Plug Metripak</p>		
 <p>5538 Tecumseh/York Style Compressor Shaft Key (10 per box)</p>	 <p>5589 Clutch Measuring Tool</p> <p>Servicing Clutch</p> <ul style="list-style-type: none"> • Clutch mounting bolts (4): use torque wrench 13 - 19 ft. lbs. • Center bolt: use torque wrench 20 - 25 ft. lbs. 		

CLUTCHES — DENSO (JOHN DEERE)



How to Measure

A-B DISTANCE

Measure from the center of the nearest mounting hole on compressor to middle of groove (1st groove if Serpentine).

CLUTCHES USED w/DENSO 10PA15C, 10PA17C COMPRESSORS (JOHN DEERE)

Clutches are listed in ascending order by grooves, by diameter (O.D), by part number.








No. of Grv's	Dia. (mm)	Dia. (")	Part No.	Volt	AB Dist.	Mounting Distance First	Mounting Distance Second	Dust Cover	Replaces John Deere #	Model
10PA15C										
1	152 mm	5.9"	5026	24	2-3/4"	69.8mm	—	—	used on 5843G	10PA15C
2	135.5 mm	5.33"	call	12	—	8.5 mm	25 mm	—	447100-2994	10PA15C
8	124.5 mm	4.9"	5022	12	1"	18.26 mm	—	—	447100-2320	10PA15C
10PA17C										
1	146 mm	5.75"	5018	12	2-1/8"	32.5 mm	N/A	5669D	447100-8150	10PA17C
1	146 mm	5.75"	5019	12	1-5/8"	14 mm	N/A	5669D	447100-2490	10PA17C
1	146 mm	5.75"	5020	12	1-3/8"	14 mm	N/A	5669D	447100-3830	10PA17C
1	146 mm	5.75"	5017	24	1-5/16"	14 mm	N/A	5669D	447100-4191	10PA17C
1	146 mm	5.75"	call	24	1-5/16"	14 mm	N/A	5669D	RE55422	10PA17C
1	146 mm	5.75"	call	24	2-1/8"	32.5 mm	N/A	5669D	RE64024	10PA17C
1	152 mm	6"	5021	12	1-3/4"	27 mm	N/A	5669D	43333459	10PA17C
1	152 mm	6"	call	24	1-3/4"	27 mm	N/A	5669D	—	10PA17C
8	124.5 mm	4.9"	5025	12	1-7/16"	29 mm	N/A	5669S	used on 5832, 5838	10PA17C
8	124.5 mm	4.9"	call	24	1-7/16"	30 mm	N/A	5669S	447100-5070	10PA17C
8	136 mm	5.35"	5023A	24	1-7/16"	29 mm	N/A	5669D	used on 5837	10PA17C
8	145 mm	5.70"	5024	12	1-7/16"	29 mm	N/A	5669S	447100-2380	10PA17C
8	145 mm	5.70"	5023	24	1-7/16"	29 mm	N/A	5669S	447100-8000	10PA17C

Listed in ascending order by part number. NOTE: CLUTCHES SUPPLIED WITH COIL, W/O DUST COVER)



DENSO (JOHN DEERE) — CLUTCHES

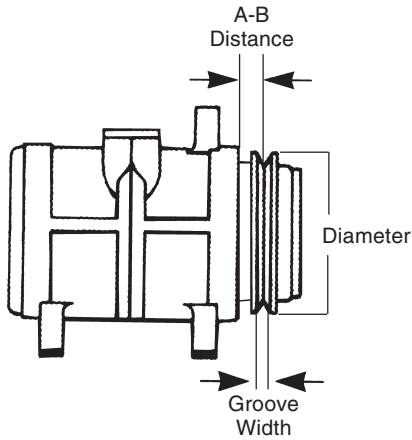
Listed in ascending order by part number. NOTE: CLUTCHES SUPPLIED WITH COIL, W/O DUST COVER

 <p>5021 10PA17C Volt - 12v Dia. - 152mm/5.98" Grooves - 1 A-B Dist. - 1-3/4"/27mm</p> <p>USED ON COMPRESSORS: 4333459, AT215510</p>	<p>NOTE: DOES NOT INCLUDE DUST COVER</p>  <p>5022 10PA15C Volt - 12v Dia. - 124.5mm/4.90" Grooves - 8 A-B Dist. - 1.0"/18.26mm</p> <p>USED ON COMPRESSOR: AL78779</p>	 <p>5023 10PA17C Volt - 24v Dia. - 145mm/5.70" Grooves - 8 A-B Dist. - 1-7/16"/29mm</p> <p>USED ON COMPRESSOR: AT168543</p>	 <p>5023A 10PA17C Volt - 24v Dia. - 136mm/5.35" Grooves - 8 A-B Dist. - 1-7/16"/29mm</p> <p>USED ON COMPRESSOR: 5837</p>
 <p>5024 10PA17C Volt - 12v Dia. - 145mm/5.70" Grooves - 8 A-B Dist. - 1-7/16"/29mm</p> <p>USED ON COMPRESSOR: AT1211063</p>	 <p>5025 10PA17C Volt - 12v Dia. - 124.5mm/4.90" Grooves - 8 A-B Dist. - 1-7/16"/29mm</p>	 <p>5026 10PA15C Volt - 24v Dia. - 152mm/5.98" Grooves - 1 A-B Dist. - 2-3/4"/69.8mm</p> <p>USED ON COMPRESSOR: 5843G</p>	

CLUTCHES

Dust Covers	
 <p>5669D Replacement Dust Cover Deep Dish Type 7/8" thick, for 1 groove.</p>	 <p>5669S Replacement Dust Cover Shallow Type 5/16" thick, for 8 groove.</p>

CLUTCHES — FORD / FS SERIES



HOW TO MEASURE:

IF PART NUMBER ON CLUTCH BEING REPLACED CANNOT BE READ, USE THE FOLLOWING PROCEDURE TO DETERMINE REQUIRED CLUTCH PART NUMBER.

1. DETERMINE IF 12 OR 24 VOLT.
2. DETERMINE IF CLUTCH IS SINGLE, DOUBLE OR MULTI-GROOVE.
3. MEASURE OUTSIDE DIAMETER OF PULLEY.
4. MEASURE WIDTH OF PULLEY GROOVE.
5. MEASURE ACCURATELY THE A-B DISTANCE.

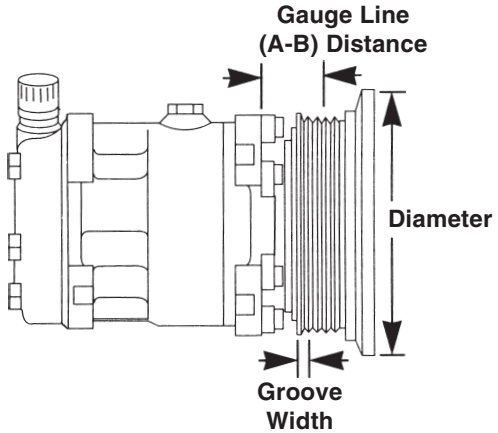
To convert millimeters to inches divide mm by 25.4

FORD / FS SERIES (clutches are listed in ascending order by diameter)

	PART#	DIAMETER	GROOVES	WIDTH	A-B DIST.	VOLT	DESCRIPTION
FS-6	5072	4 7/8"	Poly 6	1/8"		12	Ford FS-6
	5074	5 7/8"	1	7/16"	7/8"	12	Ford FS-6
	5075	5 13/16"	1	7/16"	1 3/8"	12	Ford FS-6
FS-10 FX-15	5082	4 1/2"	Poly 7	1/8"	7/8"	12	Ford FX-15
	5080	5"	Poly 6	1/8"	3/4"	12	Ford FX-15
	5081	5 5/8"	Poly 6	1/8"	3/4"	12	Ford FX-15
	5102	-	8	-	-		Ford E-Series, Scroll, Diesel

CLUTCHES

 <p>5072 OE# 1413-99 Volt - 12V Dia. - 4 7/8" Grooves - Poly 6 Width - 1/8"</p>	 <p>5074 OE# 1413-89, E8DZ-2987A Volt - 12V Dia. - 5 7/8" Grooves - 1 Width - 7/16" A-B Dist. - 7/8"</p>	 <p>5075 OE# 1413-88 Volt - 12V Dia. - 5 13/16" Grooves - 1 Width - 7/16" A-B Dist. - 1 3/8"</p>	 <p>5080 OE# 1416-17 Volt - 12V Dia. - 5" Grooves - Poly 6 Width - 1/8" A-B Dist. 3/4"</p>
 <p>5081 OE# 02-0421, FX15 21 Spline Shaft Volt - 12V Dia. - 5 5/8" Grooves - Poly 6 Width - 1/6" A-B Dist. 3/4"</p>	 <p>5082 OE# 02-0426, FX15 21 Spline Shaft Volt - 12V Dia. - 4 1/2" Grooves - Poly 7 Width - 1/8" A-B Dist. 7/8"</p>	 <p>5102 OE# YB591, YB627, YB3064 Ford Scroll, E-Series, Diesel Grooves - 8</p>	 <p>5539 FORD - Compressor Shaft Key (10 per box)</p>



SANDEN / SANKYO

HOW TO MEASURE:
IF PART NUMBER ON CLUTCH BEING REPLACED CANNOT BE READ, USE THE FOLLOWING PROCEDURE TO DETERMINE REQUIRED CLUTCH PART NUMBER.

1. DETERMINE IF 12 OR 24 VOLT.
2. DETERMINE IF CLUTCH IS SINGLE, DOUBLE OR MULTI-GROOVE.
3. MEASURE OUTSIDE DIAMETER OF PULLEY.
4. MEASURE WIDTH OF PULLEY GROOVE.
5. MEASURE ACCURATELY THE A-B DISTANCE.

To convert millimeters to inches divide mm by 25.4

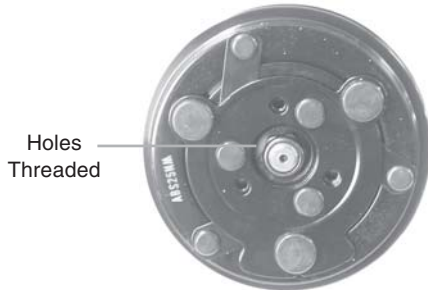


SANDEN - 2 WIRE METRIPAK CONNECTORS w/DIODE

Black and White wire = positive Black wire = ground
DO NOT REVERSE

CLUTCHES

SANDEN CLUTCHES



Holes Threaded

Key Shaft Armature Plate

- Keyed shaft can be identified by the threaded holes in the armature plate spanner. Plate has wobble notch.



Holes Not Threaded

Splined Shaft Armature Plate

- Splined shaft can be identified by holes (not threaded) in the armature plate spanner. Plate has flat cut-out. (used only on some SD7H15 models)

SANDEN CLUTCH COILS

DESCRIPTION	PART#
5H14 replacement 24V coil, 1 wire	5611
7H15 replacement 24V coil, 1 wire	5614
7H15 replacement 2 wire 12V coil	5612
7H Series, 12V sealed type coil, O.E. CAT	5617
7H Series, 24V sealed type coil, O.E. CAT	5618



(typical illustration)

CLUTCHES — SANDEN













SANDEN (clutches are listed in ascending order by groove/diameter)

PART#	DIA. / mm	GROOVES	WIDTH	SHAFT	A-B DIST.	VOLT	DESCRIPTION
5061	4 3/4" / 122mm	1	1/2 OH	Key	43.15mm	12	508 510 5H14 Overhang, 1 wire coil
5148	4 3/4" / 122mm	1	1/2 OH	Key	-	12	508 510 5H14 Overhang-Ford OEM, 2 wire coil
5119	5 1/2" / 138mm	1	1/2	Key	-	24	709 7H15 Heavy Duty, 2 wire coil
5134	6" / 152mm	1	-	Key	-	24	7H15SHD 1 wire; used on Sanden 4640,8109
5135	6 1/4" / 158mm	1	VG	Key	-	24	SD5 1 wire
5133	6 1/4" / 158mm	1	VG	Key	-	12	7H15HD 1 wire; 709/7H15
5059	6 1/4" / 158mm	1	VG	Key	39.55mm	12	508 510 5H14 Heavy Duty, 1 wire coil
5121	6 3/4" / 169mm	1	1/2	Key	38.55mm	12	709 7H15 Ford OEM, 2 wire coil
5066	4.9" / 125mm	2	1/2	Key	39.55mm	12	709 7H15 1 wire coil
5123	4.9" / 125mm	2	1/2	Key	-	12	508 510 5H14 Ford OEM, 2 wire coil
5138	4.9" / 125mm	2	1/2	Key	54.55mm	12	709 7H15 2 wire coil
5138S	4.9" / 125mm	2	1/2	Key	39.55mm	12	SSHD 2 wire Metripak
5139	4.9" / 125mm	2	1/2	Key	39.55mm	12	709 7H15 Ford OEM, 2 wire coil
5163	4.9" / 125mm	2	1/2	Spline	-	12	7H15 Spline Shaft; 2 wire coil
5132	4.9" / 125mm	2	-	Key	-	24	7H15 1 wire + ground
5057	5.25" / 132mm	2	1/2	Key	39.55mm	12	508 510 5H14 1 wire coil
5058	5.25" / 132mm	2	1/2	Key	39.55mm	24	508 510 5H14 1 wire coil
5064	5.25" / 132mm	2	1/2	Key	39.55mm	12	709 7H15 Heavy Duty, 1 wire coil
5116	5.25" / 132mm	2	1/2	Key	39.55mm	12	709 7H15 Key Shaft; 2 wire coil
5167	5.25" / 132mm	2	1/2	Spline	-	12	7H15 Spline Shaft; 2 wire coil
5065	4.6" / 119mm	6	.14	Key	62.55mm	12	709 7H15 1 wire coil
5164	4.9" / 125mm	6	.14	Key	-	12	7H15 Key Shaft; 2 wire coil
5164S	4.9" / 125mm	6	.14	Key	-	12	SSHD 2 wire Metripak
5168	4.9" / 125mm	6	.14	Spline	-	12	7H15 Spline Shaft; 2 wire coil
5149	4.6" / 119mm	7	-	Key	-	12	7H15 Kodiak Topkick #4618-9931
5060	4.6" / 119mm	7	.14	Key	46.55mm	12	508 510 5H14 1 wire coil
5067	4.6" / 119mm	7	.14	Key	46.55mm	12	709 7H15 Heavy Duty, 1 wire coil
5174	4.6" / 119mm	8	-	Spline	-	12	7H15 2 wire, #4767-9931
5122	4.6" / 119mm	8	.14	Key	-	12	709 7H15 Ford OEM, 2 wire coil
5137	4.6" / 119mm	8	.14	Key	-	12	709 7H15 2 wire Metripak
5137S	4.6" / 119mm	8	.14	Key	-	12	SSHD 2 wire Metripak
5068	4.6" / 119mm	8	.14	Key	46.00mm	12	7H15 Key Shaft; 1 wire coil
5169	4.6" / 119mm	8	.14	Spline	-	12	7H15 Spline Shaft; 2 wire Metripak
5176	4.6" / 119mm	8	-	Spline	-	12	7H15 2 wire Metripak, 4776-9931
5169A	5.11" / 130mm	8	-	Spline	-	12	7H15 Spline Shaft; 1 wire
5175	5.11" / 130mm	8	-	Spline	-	12	7H15 2 wire Metripak, 4733-9931
5189	5.11" / 130mm	8	-	Spline	-	12	7H15 1 wire; spline shaft
5165	5.25" / 132mm	8	.14	Key	-	12	7H15 Key Shaft; 2 wire coil
5120	5.25" / 132mm	8	.14	Key	34.00mm	24	709 7H15 Heavy Duty, 2 wire coil
5179	5.25" / 132mm	8	-	Key	-	12	7H15SHD 2 wire; key shaft
5177	5.31" / 135mm	8	-	Key	-	12	7H15 2 wire Metripak, 4482-9931
5178S	140mm	8	-	Spline	-	12	SSHD 2 wire; #4802-9931
5069	4.6" / 119mm	10	.14	Key	50.79mm	12	508 510 5H14 1 wire coil

NOTE: VG - designates variable groove.
OH - designates overhang.

SANDEN — CLUTCHES

Listed in ascending order by part number.












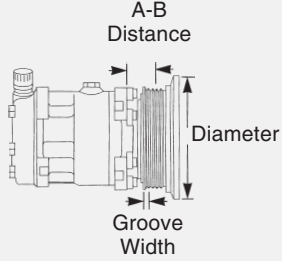
 <p>5057 OE# 509285 Volt - 12V Dia. - 5 1/4" Grooves - 2 Width - 1/2" A-B Dist. - 39.55mm 508/510/5H14</p> <p>Fits Model</p>	 <p>5058 OE# 6514-6210 Volt - 24V Dia. - 5 1/4" Grooves - 2 Width - 1/2" A-B Dist. - 39.55mm 508/510/5H14</p> <p>Fits Model</p>	 <p>5059 OE# 6521-6010 Volt - 12V Dia. - 6 1/4" Grooves - 1VG Width - 7/8" A-B Dist. - 39.55mm 508/510/5H14</p> <p>Fits Model</p>	 <p>5060 OE# 6520-6010 Volt - 12V Dia. - 4 3/4" Grooves - Poly 7 Width - .14 A-B Dist. - 46.55mm 508/510/5H14</p> <p>Fits Model</p>
 <p>5061 OE# 61190-4409, 8545-6310 Volt - 12V Dia. - 4 15/16" Grooves - 1 Width - 1/2" A-B Dist. - 43.15mm 508/510/5H14</p> <p>Fits Model</p>	 <p>5064 OE# 6511-6010 Volt - 12V Dia. - 5 1/4" Grooves - 2 Width - 1/2" A-B Dist. - 39.55mm</p> <p>Heavy Duty Fits Model 709/7H15</p>	 <p>5065 OE# 6524-6010 Volt - 12V Dia. - 4 3/4" Grooves - Poly 6 Width - .14" A-B Dist. - 62.55mm</p> <p>Fits Model 709/7H15</p>	 <p>5066 OE# 6511-6110 Volt - 12V Dia. - 5" Grooves - 2 Width - 1/2" A-B Dist. - 39.55mm</p> <p>Fits Model 709/7H15</p>
 <p>5067 OE# 6512-6210 Volt - 12V Dia. - 4 3/4" Grooves - Poly 7 Width - .14" A-B Dist. - 46.55mm</p> <p>Heavy Duty Fits Model 709/7H15</p>	 <p>5068 OE# 6522-6010 Volt - 12V Dia. - 119mm, 4.6" Grooves - 8 Width - .14" A-B Dist. - 46.00mm</p> <p>Fits Model 7H15/Key</p>	 <p>5069 OE# 6518-6010 Volt - 12V Dia. - 4 3/4" Grooves - Poly 10 Width - .14" A-B Dist. - 50.79mm 508/510/5H14</p> <p>Fits Model</p>	 <p>5116 OE# 6594-6010 Volt - 12V Dia. - 132mm Grooves - 2 Width - 1/2" A-B Dist. - 39.55mm</p> <p>2 Wire Metripak Key/Fits Model 709/7H15</p>

CLUTCHES

CLUTCHES — SANDEN

Listed in ascending order by part number. (continued)

CLUTCHES

 <p>5119 OE# 4604-6880 Volt - 24V Dia. - 138mm Grooves - 1 Width - 1/2"</p> <p>CAT OE Plug Fits Model 709/7H15</p>	 <p>5120 OE# 4726-9931 used on Sanden 4726 Volt - 24V Dia. - 132mm Grooves - Poly 8 Width - .14" A-B Dist. - 34.00mm</p> <p>CAT OE Plug Key/Fits Model 709/7H15</p>	 <p>5121 OE# 6506-6010 Volt - 12V Dia. - 169mm Grooves - 1 Width - 1/2" A-B Dist. - 38.55mm</p> <p>Ford OE Plug Fits Model 709/7H15</p>	 <p>5122 OE# YB492 Volt - 12V Dia. - 119mm Grooves - Poly 8 Width - .14"</p> <p>Ford OE Plug Fits Model 709/7H15</p>
 <p>5123 OE# YB510 Volt - 12V Dia. - 125mm Grooves - 2 Width - 1/2"</p> <p>Ford OE Plug Fits Model 508/510/5H14</p>	 <p>5132 SD7H15 Volt - 24V Dia. - 125mm Grooves - 2</p> <p>1 Wire w/ground</p>	 <p>5133 SD7HD Volt - 12V Dia. - 158mm Grooves - 1 vg.</p> <p>1 Wire 709/7H15</p>	 <p>5134 OE# 4640-9931 used on Sanden 4640, 8109 Volt - 24V Dia. - 152mm Grooves - 1</p> <p>1 Wire SD7H15SHD</p>
 <p>5135 SD5 Volt - 24V Dia. - 158mm Grooves - 1 vg.</p> <p>1 Wire</p>	 <p>5137 OE# 4734-6880; 4424-9931 Volt - 12V Dia. - 119mm Grooves - Poly 8 Width - .14"</p> <p>2 Wire Metripak Fits Model 709/7H15</p>	 <p>5137S Super Heavy Duty SSHD type clutch Volt - 12V Dia. - 119mm Grooves - Poly 8 Width - .14"</p> <p>2 Wire Metripak</p>	 <p>A-B Distance</p> <p>Diameter</p> <p>Groove Width</p>

SANDEN — CLUTCHES

















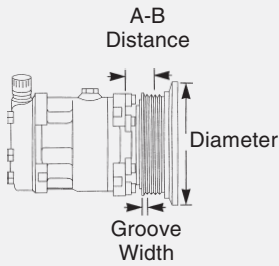
Listed in ascending order by part number. (continued)

 <p>5138 OE# 6593-6010 Volt - 12V Dia. - 125mm Grooves - 2 Width - 1/2" A-B Dist.- 39.55mm</p> <p>2 Wire Metripak Fits Model 709/7H15</p>	 <p>5138S Super Heavy Duty SSHD type clutch Volt - 12V Dia. - 125mm Grooves - 2 Width - 1/2" A-B Dist.- 39.55mm</p> <p>2 Wire Metripak</p>	 <p>5139 OE# 6504-6010 Volt - 12V Dia. - 132mm Grooves - 2 Width - 1/2" A-B Dist.- 39.55mm</p> <p>Ford OE Plug Fits Model 709/7H15</p>	 <p>5148 OE# YB512 Volt - 12V Dia. - 122mm Grooves - 1 Width - 1/2"</p> <p>Ford OE Plug Fits Model 508/510/5H14</p>
 <p>5149 OE# 4618-9931 Kodiak / Topkick Volt - 12V Dia. - 119mm Grooves - 7</p> <p>2 Wire Metripak</p>	 <p>5163 OE# 4740-9931 Volt - 12V Dia. - 125mm Grooves - 2 Width - 1/2"</p> <p>2 Wire/Spline Fits Model 7H15</p>	 <p>5164 OE# 4424-9931, 4756-9931, 4793-9931 Volt - 12V Dia. - 125mm Grooves - 6 Width - .14"</p> <p>2 Wire/Key Fits Model 7H15</p>	 <p>5164S Super Heavy Duty SSHD type clutch Volt - 12V Dia. - 125mm Grooves - 6 Width - .14"</p> <p>2 Wire Metripak</p>
 <p>5165 OE# 4700-9931 Volt - 12V Dia. - 130mm Grooves - 8 Width - .14"</p> <p>2 Wire/Key Fits Model 7H15</p>	 <p>5167 OE# 4777-9931 Volt - 12V Dia. - 132mm Grooves - 2 Width - 1/2"</p> <p>2 Wire/Spline Fits Model 7H15</p>	 <p>5168 OE# 4756-9931 Volt - 12V Dia. - 125mm Grooves - 6 Width - .14"</p> <p>2 Wire/Spline Fits Model 7H15</p>	 <p>5169 OE# 4816-9931 Volt - 12V Dia. - 119mm Grooves - 8 Width - .14"</p> <p>2 Wire/Spline Fits Model 7H15</p>

CLUTCHES

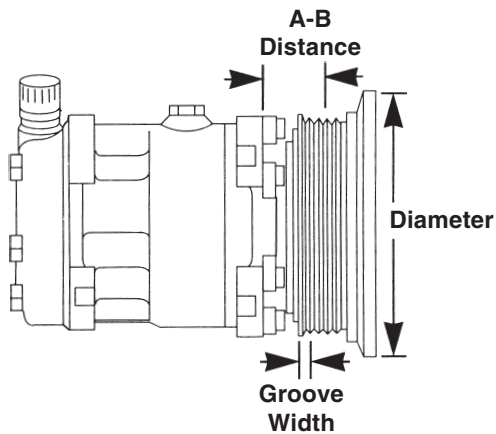
CLUTCHES — SANDEN

Listed in ascending order by part number. (continued)

 <p>5169A OE# 4781-9931 Volt - 12V Dia. - 130mm Grooves - 8</p>  <p>Fits Model 709/7H15</p>	 <p>5174 OE# 4767-9931 Ford 7H15 #5322 Volt - 12V Dia. - 119mm Grooves - 8</p>  <p>Ford Plug/Spline</p>	 <p>5175 OE# 4733-9931 Volt - 12V Dia. - 130mm, 5.11" Grooves - 8</p>  <p>2 Wire/Spline</p>	 <p>5176 OE# 4776-9931 Volt - 12V Dia. - 119mm, 4.68" Grooves - 8</p>  <p>2 Wire/Spline</p>
 <p>5177 OE# 4782-9931 Volt - 12V Dia. - 135mm, 5.31" Grooves - 8</p>  <p>2 Wire/Key</p>	 <p>5178S Super Heavy Duty SSHHD type clutch OE# 4802-9931 Volt - 12V Dia. - 140mm Grooves - 8</p>  <p>2 Wire/Spline</p>	<p>NOTE: DOES NOT INCLUDE DUST COVER</p>  <p>5179 SD7H15SHD Volt - 12V Dia. - 132mm Grooves - 8 Sealed heavy duty w/dust cover plate (dust cover not included)</p>  <p>2 Wire Key</p>	
		 <p>5537 SANDEN/SANKYO Compressor Shaft Key (10 per box)</p>  <p>5545 CLUTCH SNAP RING KIT - 7H15</p>	 <p>A-B Distance</p> <p>Diameter</p> <p>Groove Width</p>

NOTES:

CLUTCHES — SELTEC (Includes ICE)



SELTEC / VALEO / TAMA / DIESEL KIKI / ZEXEL

IF PART NUMBER ON CLUTCH BEING REPLACED CANNOT BE READ, USE THE FOLLOWING PROCEDURE TO DETERMINE REQUIRED CLUTCH PART NUMBER.

1. DETERMINE IF 12 OR 24 VOLT.
2. DETERMINE IF CLUTCH IS SINGLE, DOUBLE OR MULTI-GROOVE.
3. MEASURE OUTSIDE DIAMETER OF PULLEY.
4. MEASURE WIDTH OF PULLEY GROOVE.
5. MEASURE ACCURATELY THE A-B DISTANCE.

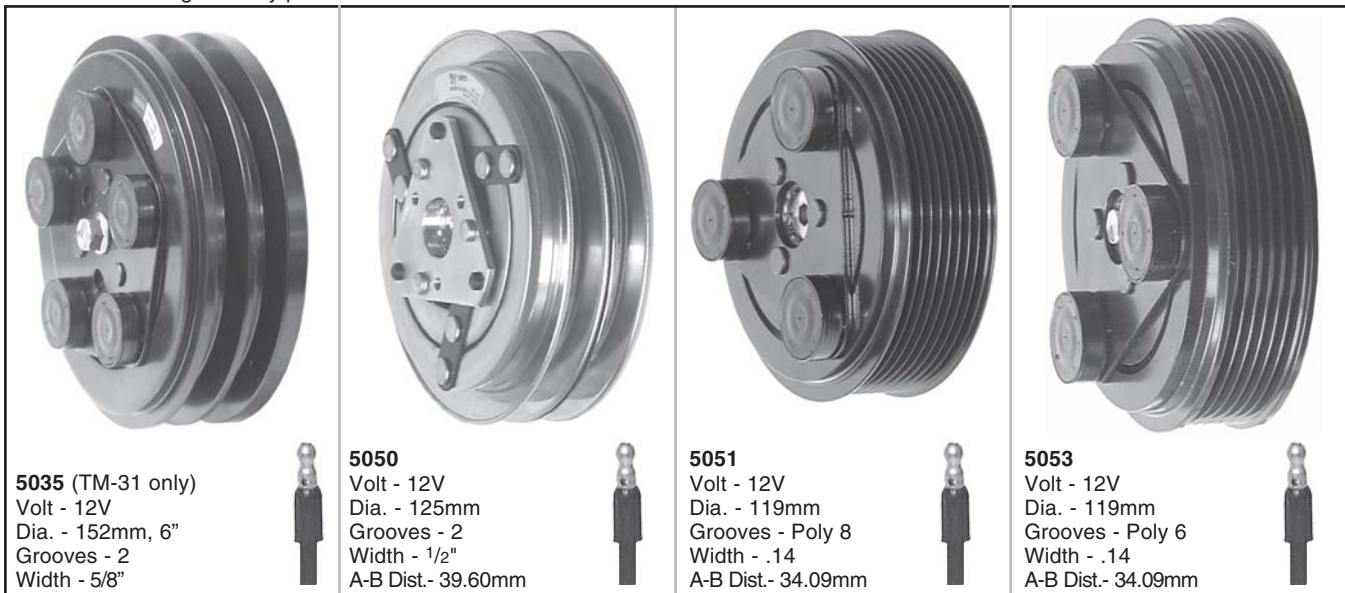
To convert millimeters to inches divide mm by 25.4

SELTEC / VALEO (Clutches are listed in ascending order by grooves/diameter. Note: All clutches have spline shaft.)












PART#	DIA./mm	GROOVES	WIDTH	A-B DIST.	VOLT	DESCRIPTION
5056	4.9"/125mm	1	1/2	61.50	12	TAMA/CH Series Male bullet
5054	6 1/4"/158mm	1 VG	-	39.60	12	TAMA/CH Series Male bullet
5199	6 1/4"/158mm	1 VG (overhang)	-	-	24	TM 15/16 3 eye, Male bullet
5050	4.9"/125mm	2	1/2	39.60	12	TAMA/CH Series Male bullet
5198	5 1/4"/132mm	2	-	-	12	TM 15/16 3 eye type w/diode
5055	5 1/4"/132mm	2	1/2	39.60	12	TAMA/CH Series Male bullet
5076	5 1/4"/132mm	2	1/2	39.60	12	TAMA/CH Series 3 Eyed Hub Assy
5077	5 1/4"/132mm	2	1/2	39.60	24	TAMA/CH Series Male bullet
5078	6"/152mm	2	1/2	78	12	TM-31 only (ICE) Male bullet
5035	6"/152mm	2	5/8	-	12	TM-31 only (ICE) Male bullet
5053	4.6"/119mm	Poly 6	.14	34.09	12	TAMA/CH Series Male bullet
5051	4.6"/119mm	Poly 8	.14	34.09	12	TAMA/CH Series Male bullet
5079	6"/152mm	8	.14	66.5	12	TM-31 only (ICE) Male bullet

NOTE: VG designates variable groove.

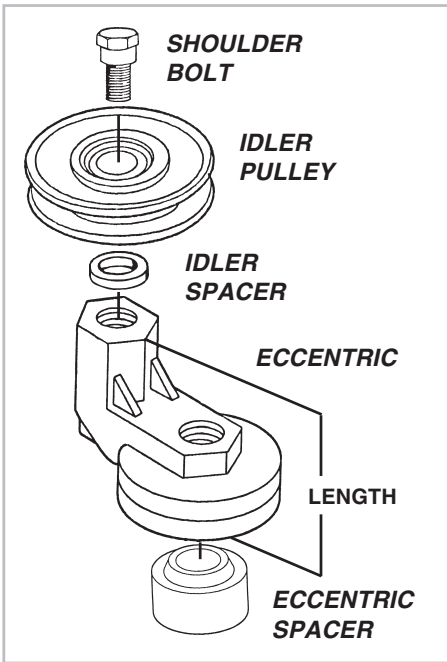
Listed in ascending order by part number.



Listed in ascending order by part number.

 <p>5054 Volt - 12V Dia. - 158mm Grooves - 1 Width - Variable A-B Dist. - 39.60mm</p>	 <p>5055 Volt - 12V Dia. - 132mm Grooves - 2 Width - 1/2" A-B Dist. - 39.60mm</p>	 <p>5056 Volt - 12V Dia. - 125mm Grooves - 1 Width - 1/2" A-B Dist. - 61.50mm</p>	 <p>5076 Volt - 12V Dia. - 132mm Grooves - 2 Width 5062? - 1/2" A-B Dist. - 39.60mm</p>
 <p>5077 Volt - 24V Dia. - 132mm Grooves - 2 Width - 1/2" A-B Dist. - 39.60mm</p>	 <p>5078 (TM-31 only) Volt - 12V Dia. - 152mm 6" Grooves - 2 Width - 1/2" A-B Dist. - 78mm</p>	 <p>5079 (TM-31 only) Volt - 12V Dia. - 152mm 6" Grooves - 8 Width - .14 A-B Dist. - 66.5mm</p>	 <p>5198 Volt - 12V Dia. - 132mm, 5-1/4" Grooves - 2 3 eye type w/diode/weatherpak</p>
 <p>5199 Volt - 24V Dia. - 158mm, 6-1/4" Grooves - 1 VG 3 eye type</p>	<p style="text-align: center;">3 EYE CLUTCH</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>3-EYE CLUTCH (NEW STYLE)</p> </div> <div style="text-align: center;">  <p>SPRING LEAF CLUTCH (OLD STYLE)</p> </div> </div> <p>Seltec introduced a new clutch design which is called "3 Eye." It is designed for both clockwise or counter clockwise rotation. Due to the isolated mount design, it provides softer engagement and smoother operation and has the capability to absorb vibration. Service is easier on the 3 Eye clutch due to a new designed armature plate that can be easily removed.</p> <p>All Seltec/TAMA/ICE compressors will be able to use this newer style clutch. It is dimensionally compatible with the current style so there is no change in overall compressor length or gauge line. This is a running change, therefore there will be no compressor part number change with the 3 Eye clutch.</p> <p>NOTE: TM31 clutches are 5 Eye.</p>		

IDLER PULLEYS and ECCENTRICS



Shoulder Bolt

Thread	Part #
7/16" NF Shoulder Bolt	5655

Idler Spacers

Thickness	Part #
1/8"	5659
1/4"	5661
3/8"	5662
7/16"	5663
1/2"	5664
9/16"	5665
5/8"	5666
3/4"	5667
1"	5668

Eccentrics

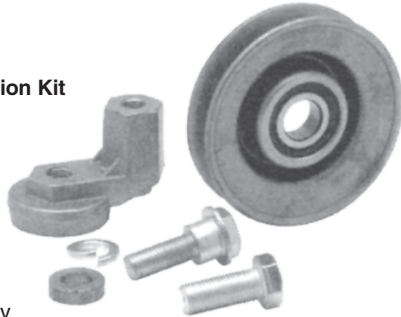
Length	Part #
3/4"	5650
1"	5646
1 1/4"	5651
1 1/2"	5648
1 3/4"	5649
2"	5652
2 1/4"	5647

Eccentric Spacer

Diameter	Part #
1"	5654

Idler Pulley & Belt Tension Kit

- Pulley dia: 3 5/8"
- Belt size: 1/2"
- 1 1/4" Eccentric
- 1/4" Spacer



- 5640 Kit
 5641S Pulley Only
 5651 Eccentric Only

5653
Idler Pulley
 Plastic w/Flange
 10 Groove

5658
Backside Idler
 2" diameter

5680
Idler Pulley
 Steel w/o Flange
 8 Groove, 2 7/8" OD

5689
Flat with Flange
 90mm (3 1/2")

5690
Flat Poly Groove
 with Flange
 76mm (3") 6 Groove

5693
Flat w/o Flange
 76mm (3")

5696
Flat w/o Flange - Steel
 100mm (4")

BACK IDLER PULLEY - STEEL



5697A
 3" dia.
 1.25" thick

5697B
 3" dia.
 1.55" thick

5697C
 3" dia.
 1.63" thick

5697D
 3" dia.
 1.75" thick



5698
Flat with Flange - Steel
 76mm (3") Steel



5699
Idler Pulley
 Replacement Bearing