

Astore Keymak

a member of the **Hudaco** group

Since 1985



CATALOGUE

COMPRESSION

FITTINGS & VALVES

COMPRESSION



COMPRESSION **PRODUCTS**



— **Did you know?**

That Unidelta offers the complete range full PN16
Rated up to 110mm!

COMPRESSION FITTINGS & VALVES

Applications

Highly recommended for the civil and mining market for the conveyance of water, as well as Irrigation and Agriculture.



Astore Keymak is a leading provider of high-quality thermoplastic solutions, offering a comprehensive range of products that empower customers across Sub-Saharan Africa to achieve success in diverse industries. Our complete PN16 pressure-rated range of compression fittings and valves is manufactured to SANS 17855 standards, ensuring reliability, durability, and performance that support excellence across multiple applications.



FITTINGS

20mm - 110mm
PN16



VALVES

20mm - 63mm PN16
75mm - 90mm PN10



SADDLES

20mm - 315mm
PN4 to PN16

Unidelta Compression Fittings



Unidelta Fittings

Unidelta ensures a perfect sealing arrangement in the construction of pressurised liquid distribution systems. The Unidelta compression fittings are specifically designed for connecting polyethylene pipes with outside diameters ranging from 16 to 110 mm. They are suitable for conveying drinking water and other fluids at pressures of up to 16 bar at ambient temperature. These reliable fittings are widely used across various sectors, including mining, agriculture, infrastructure, and industry.

Certification

- ✓ SANS 17885 Approved
- ✓ Jaswic Approved

Advantages of Unidelta – DELTONE series PP Compression Fittings:

- ✓ All-Plastic Construction: No risk of oxidation or corrosion.
- ✓ High Pressure Resistance: Operates up to 16 bar at 20°C.
- ✓ Compact Design: Easy installation even in confined spaces; removable handle.
- ✓ Easy Assembly: Simple to fit, featuring the innovative DELTONE system (Ø63).
- ✓ UV Protection: UV-stabilised materials suitable for outdoor use.
- ✓ Two-Way Flow: Functions efficiently in either flow direction.
- ✓ Easy Inspection: Valve ball can be inspected and cleaned with ease.

UNIDELTA COMPRESSION FITTINGS ASSEMBLY INSTRUCTIONS



16 mm - 40 mm

50 mm - 110 mm



Cut the pipe squarely using special pipe cutting tools or circular or band saw. It is advisable to use a guide box to ensure a square cut.



Cut the pipe at the right angles using a special pipe cutter or a circular belt saw. When using a belt saw, it is advisable to use a guide box to ensure a square cut.



Eliminate any burrs and bevel the end of the pipe facilitate easy assembly and to prevent damage to the fitting gasket. The outer surface of the pipe must be free from imperfections or indentations where the body of the fitting makes contact with the pipe.



Unscrew the blue ring nut without removing the rings locked inside (integral component).



Unscrew the blue nut and put it onto pipe followed by the white clamping ring. Make sure the clamping ring is in the correct position, with the largest diameter facing the fitting.



Place the integrated component on the pipe followed by the O-ring. It is useful to lubricate the end of the pipe and the O-ring with a silicon based lubricant or other lubricant that does not affect the potability of the water.



Press the pipe axially into the fitting, past the O-ring, until it touches the internal stop inside the fitting body.



Press the pipe axially into the fitting until it touches the internal stop inside the fitting body.




Tighten the ring nut by hand and then use the torque wrench provided. The ring nut must be tight, but it does not need to reach the end of the fitting body.





Tighten the ring nut by hand and then use the torque wrench provided. The ring nut must be tight, but it does not need to reach the end of the fitting body.


COMPRESSION FITTINGS





COUPLING	
	
510	
d x d	CODE
16 x 16	COMP5100016
20 x 20	COMP5100020
25 x 25	COMP5100025
32 x 32	COMP5100032
40 x 40	COMP5100040
50 x 50	COMP5100050
63 x 63	COMP5100063
75 x 75	COMP5100075
90 x 90	COMP5100090
110 x 110	COMP5100110


REDUCING COUPLING	
	
512	
d x d	CODE
20 x 16	COMP51200200016
25 x 20	COMP51200250020
32 x 20	COMP51200320020
32 x 25	COMP51200320025
40 x 25	COMP51200400025
40 x 32	COMP51200400032
50 x 25	COMP51200500025
50 x 32	COMP51200500032
50 x 40	COMP51200500040
63 x 25	COMP51200630025
63 x 32	COMP51200630032
63 x 40	COMP51200630040
63 x 50	COMP51200630050
75 x 50	COMP51200750050
75 x 63	COMP51200750063
90 x 63	COMP51200900063
90 x 75	COMP51200900075
110 x 75	COMP51201100075
110 x 90	COMP51201100090

TEE	
	
514	
d x d x d	CODE
16 x 16 x 16	COMP5140016
20 x 20 x 20	COMP5140020
25 x 25 x 25	COMP5140025
32 x 32 x 32	COMP5140032
40 x 40 x 40	COMP5140040
50 x 50 x 50	COMP5140050
63 x 63 x 63	COMP5140063
75 x 75 x 75	COMP5140075
90 x 90 x 90	COMP5140090
110 x 110 x 110	COMP5140110

MALE ADAPTOR	
	
511	
d x BSP	CODE
16 x 3/8"	COMP51100160375
16 x 1/2"	COMP51100160500
16 x 3/4"	COMP51100160750
20 x 1/2"	COMP51100200500
20 x 3/4"	COMP51100200750
20 x 1"	COMP51100201000
25 x 1/2"	COMP51100250500
25 x 3/4"	COMP51100250750
25 x 1"	COMP51100251000
32 x 1/2"	COMP51100320500
32 x 3/4"	COMP51100320750
32 x 1"	COMP51100321000
32 x 1.1/4"	COMP51100321250
32 x 1.1/2"	COMP51100321500
40 x 1"	COMP51100401000
40 x 1.1/4"	COMP51100401250
40 x 1.1/2"	COMP51100401500
40 x 2"	COMP51100402000
50 x 1"	COMP51100501000
50 x 1.1/4"	COMP51100501250
50 x 1.01/2"	COMP51100501500
50 x 2"	COMP51100502000
63 x 1.1/4"	COMP51100631250
63 x 1.1/2"	COMP51100631500
63 x 2"	COMP51100632000
63 x 2.1/2"	COMP51100632500
75 x 2"	COMP51100752000
75 x 2.1/2"	COMP51100752500
75 x 3"	COMP51100753000
90 x 2"	COMP51100902000
90 x 2.1/2"	COMP51100902500
90 x 3"	COMP51100903000
90 x 4"	COMP51100904000
110 x 2"	COMP51101102000
110 x 3"	COMP51101103000
110 x 4"	COMP51101104000

ELBOW - 90°	
	
513	
d x d	CODE
16 x 16	COMP5130016
20 x 20	COMP5130020
25 x 25	COMP5130025
32 x 32	COMP5130032
40 x 40	COMP5130040
50 x 50	COMP5130050
63 x 63	COMP5130063
75 x 75	COMP5130075
90 x 90	COMP5130090
110 x 110	COMP5130110

ELBOW - 45°	
	
530	
d x d	CODE
20 x 20	COMP5300020
25 x 25	COMP5300025
32 x 32	COMP5300032
40 x 40	COMP5300040
50 x 50	COMP5300050
63 x 63	COMP5300063


FEMALE ADAPTOR	
	
601	
d x BSP	CODE
16 x 1/2"	COMP60100160500
16 x 3/4"	COMP60100160750
20 x 1/2"	COMP60100200500
20 x 3/4"	COMP60100200750
20 x 1"	COMP60100201000
25 x 1/2"	COMP60100250500
25 x 3/4"	COMP60100250750
25 x 1"	COMP60100251000
32 x 1/2"	COMP60100320500
32 x 3/4"	COMP60100320750
32 x 1"	COMP60100321000
32 x 1.1/4"	COMP60100321250
40 x 1"	COMP60100401000
40 x 1.1/4"	COMP60100401250
40 x 1.1/2"	COMP60100401500
50 x 1.1/4"	COMP60100501250
50 x 1.01/2"	COMP60100501500
50 x 2"	COMP60100502000
63 x 1.1/4"	COMP60100631250
63 x 1.1/2"	COMP60100631500
63 x 2"	COMP60100632000
63 x 2.1/2"	COMP60100632500
75 x 2"	COMP60100752000
75 x 2.1/2"	COMP60100752500
75 x 3"	COMP60100753000
90 x 2"	COMP60100902000
90 x 2.1/2"	COMP60100902500
90 x 3"	COMP60100903000
90 x 4"	COMP60100904000
110 x 3"	COMP60101103000
110 x 4"	COMP60101104000


PRESSURE RATING
16 -110 mm: 16 Bar


SANS 17885 : 2019


COMPRESSION FITTINGS





FEMALE TEE	
	
515	
d x BSP x d	CODE
16 x 1/2" x 16	COMP51500160500
16 x 13/4" x 16	COMP51500160750
20 x 1/2" x 20	COMP51500200500
20 x 3/4" x 20	COMP51500200750
25 x 1/2" x 25	COMP51500250500
25 x 3/4" x 25	COMP51500250750
25 x 1" x 25	COMP51500251000
32 x 1/2" x 32	COMP51500320500
32 x 3/4" x 32	COMP51500320750
32 x 1" x 32	COMP51500321000
32 x 1.1/4" x 32	COMP51500321250
40 x 1" x 40	COMP51500401000
40 x 1.1/4" x 40	COMP51500401250
40 x 1.1/2" x 40	COMP51500401500
50 x 1.1/4" x 50	COMP51500501250
50 x 1.1/2" x 50	COMP51500501500
50 x 2" x 50	COMP51500502000
63 x 1.1/4" x 63	COMP51500631250
63 x 1.1/2" x 63	COMP51500631500
63 x 2" x 63	COMP51500632000
63 x 2.1/2" x 63	COMP51500632500
75 x 2" x 75	COMP51500752000
75 x 2.1/2" x 75	COMP51500752500
75 x 3" x 75	COMP51500753000
90 x 2.1/2" x 90	COMP51500902500
90 x 3" x 90	COMP51500903000
90 x 4" x 90	COMP51500904000
110 x 3" x 110	COMP51501103000
110 x 4" x 110	COMP51501104000

REDUCING TEE	
	
517	
d x d	CODE
20 x 16	COMP51700200016
25 x 20	COMP51700250020
32 x 20	COMP51700320020
32 x 25	COMP51700320025
40 x 25	COMP51700400025
40 x 32	COMP51700400032
50 x 25	COMP51700500025
50 x 32	COMP51700500032
50 x 40	COMP51700500040
63 x 25	COMP51700630025
63 x 32	COMP51700630032
63 x 40	COMP51700630040
63 x 50	COMP51700630050
75 x 50	COMP51700750050
75 x 63	COMP51700750063
90 x 63	COMP51700900063
90 x 75	COMP51700900075
110 x 75	COMP51701100075
110 x 90	COMP51701100090

MALE TEE	
	
516	
d x BSP x d	CODE
16 x 1/2 x 16	COMP51600160500
16 x 13/4 x 16	COMP51600160750
20 x 1/2 x 20	COMP51600200500
20 x 3/4 x 20	COMP51600200750
25 x 1/2 x 25	COMP51600250500
25 x 3/4 x 25	COMP51600250750
25 x 1 x 25	COMP51600251000
32 x 1/2 x 32	COMP51600320500
32 x 3/4 x 32	COMP51600320750
32 x 1 x 32	COMP51600321000
32 x 1.1/4 x 32	COMP51600321250
40 x 1 x 40	COMP51600401000
40 x 1.1/4 x 40	COMP51600401250
40 x 1.1/2 x 40	COMP51600401500
50 x 1.1/4 x 50	COMP51600501250
50 x 1.1/2 x 50	COMP51600501500
50 x 2 x 50	COMP51600502000
63 x 1.1/2 x 63	COMP51600631500
63 x 2 x 63	COMP51600632000
63 x 2.1/2 x 63	COMP51600632500
75 x 2 1/2 x 75	COMP51600752500
75 x 3 x 75	COMP51600753000
90 x 3 x 90	COMP51600903000
90 x 4 x 90	COMP51600904000
110 x 4 x 110	COMP51601104000

FEMALE ELBOW	
	
518	
d x BSP	CODE
16 x 1/2	COMP51800160500
16 x 3/4	COMP51800160750
20 x 1/2	COMP51800200500
20 x 3/4	COMP51800200750
25 x 1/2	COMP51800250500
25 x 3/4	COMP51800250750
25 x 1	COMP51800251000
32 x 1/2	COMP51800320500
32 x 3/4	COMP51800320750
32 x 1	COMP51800321000
32 x 1.1/4	COMP51800321250
40 x 3/4	COMP51800400750
40 x 1	COMP51800401000
40 x 1.1/4	COMP51800401250
40 x 1.1/2	COMP51800401500
50 x 1.1/4	COMP51800501250
50 x 1.1/2	COMP51800501500
50 x 2	COMP51800502000
63 x 1.1/2	COMP51800631500
63 x 2	COMP51800632000
63 x 2.1/2	COMP51800632500
75 x 2	COMP51800752000
75 x 2.1/2	COMP51800752500
75 x 3	COMP51800753000
90 x 3	COMP51800903000
90 x 4	COMP51800904000
110 x 3	COMP51801103000
110 x 4	COMP51801104000

MALE ELBOW	
	
519	
d x BSP	CODE
16 x 1/2	COMP51900160500
16 x 13/4	COMP51900160750
20 x 1/2	COMP51900200500
20 x 3/4	COMP51900200750
25 x 1/2	COMP51900250500
25 x 3/4	COMP51900250750
25 x 1	COMP51900251000
32 x 1/2	COMP51900320500
32 x 3/4	COMP51900320750
32 x 1	COMP51900321000
32 x 1.1/4	COMP51900321250
40 x 1	COMP51900401000
40 x 1.1/4	COMP51900401250
40 x 1.1/2	COMP51900401500
50 x 1.1/4	COMP51900501250
50 x 1.1/2	COMP51900501500
50 x 2	COMP51900502000
63 x 1.1/2	COMP51900631500
63 x 2	COMP51900632000
63 x 2.1/2	COMP51900632500
75 x 2.1/2	COMP51900752500
75 x 3	COMP51900753000
90 x 3	COMP51900903000
90 x 4	COMP51900904000
110 x 4	COMP51901104000


FLANGED ADAPTOR	
	
520	
d x BSP	CODE
40 x 1.1/2	COMP52000401500
50 x 1.1/2	COMP52000501500
50 x 2	COMP52000502000
63 x 2	COMP52000632000
63 x 2.1/2	COMP52000632500
75 x 2.1/2	COMP52000752500
75 x 3	COMP52000753000
90 x 3	COMP52000903000
90 x 4	COMP52000904000
110 x 4	COMP52001104000


PRESSURE RATING
16-110 mm: 16 Bar


SANS 17885 : 2019


COMPRESSION FITTINGS & SPARE PARTS




END PLUG	
	
521	
d	CODE
16	COMP5210016
20	COMP5210020
25	COMP5210025
32	COMP5210032
40	COMP5210040
50	COMP5210050
63	COMP5210063
75	COMP5210075
90	COMP5210090
110	COMP5210110


REPAIR COUPLER	
	
523	
d x d	CODE
40 x 40	COMP5230040
50 x 50	COMP5230050
63 x 63	COMP5230063
75 x 75	COMP5230075
90 x 90	COMP5230090
110 x 110	COMP5230110


O' RING - NBR	
	
RIN	
d	CODE
16	COMPRIN0016
20	COMPRIN0020
25	COMPRIN0025
32	COMPRIN0032
40	COMPRIN0040
50	COMPRIN0050
63	COMPRIN0063
75	COMPRIN0075
90	COMPRIN0090
110	COMPRIN0110


LOCATING RING	
	
LRI	
d	CODE
16	COMPLRI0016
20	COMPLRI0020
25	COMPLRI0025
32	COMPLRI0032
40	COMPLRI0040
50	COMPLRI0050
63	COMPLRI0063
75	COMPLRI0075
90	COMPLRI0090
110	COMPLRI0110


PRESSURE RATING
16-110 mm: 16 Bar


INCREASING TEE	
	
522	
d x d x d	CODE
20 x 25 x 20	COMP522002000250020
25 x 32 x 25	COMP522002500320025
* 32 x 40 x 32	COMP522003200400032
* 40 x 50 x 40	COMP522004000500040

90 ELBOW WITH LATERAL THREADED FEMALE TAKE OFF	
	
520	
d x BSP	CODE
25 x 1/2"	COMP52500250500


FEMALE TEE WITH PEG FITTING	
	
527	
d x BSP	CODE
32 x 3/4"	COMP52700320750


PEG - 290MM	
	
531	
BSP	CODE
3/4"	COMP5310750


BACK NUT	
	
GHP	
d	CODE
16	COMPGHP0016
20	COMPGHP0020
25	COMPGHP0025
32	COMPGHP0032
40	COMPGHP0040
50	COMPGHP0050
63	COMPGHP0063
75	COMPGHP0075
90	COMPGHP0090
110	COMPGHP0110


ACETAL CLINCH RING	
	
AGR	
d	CODE
16	COMPAGR0016
20	COMPAGR0020
25	COMPAGR0025
32	COMPAGR0032
40	COMPAGR0040
50	COMPAGR0050
63	COMPAGR0063
75	COMPAGR0075
90	COMPAGR0090
110	COMPAGR0110


SANS 17885 : 2019


UNIVERSAL TRANSITION COUPLING - PN 10	
	
524	
d x d x d	CODE COMP
15 x 22 x 20	COMP524001500220020
15 x 22 x 25	COMP524001500220025
20 x 27 x 25	COMP524002000270025
27 x 34 x 25	COMP524002700340025
20 x 27 x 32	COMP524002000270032
27 x 34 x 32	COMP524002700340032

WALL PLATE ELBOW	
	
526	
d x BSP	CODE
20 x 1/2"	COMP52600200500
25 x 3/4"	COMP52600250750

EXTENSION PEG - 280MM	
	
532	
BSP	CODE
3/4" x 1/2"	COMP5320500
3/4" x 3/4"	COMP5320750

COMPRESSION BALL VALVE	
	
570	
d x d	CODE
20 x 20	COMP5700020
25 x 25	COMP5700025
32 x 32	COMP5700032
40 x 40	COMP5700040
50 x 50	COMP5700050
63 x 63	COMP5700063
75 x 75	COMP5700075
90 x 90	COMP5700090

CPVC CLINCH RING	
	
AGR	
d	CODE
63	COMPAGR0063CPVC
75	COMPAGR0075CPVC
90	COMPAGR0090CPVC
110	COMPAGR0110CPVC

O' RING - VITON	
	
RIN-V	
d	CODE
50	COMPRIN0050V
63	COMPRIN0063V
75	COMPRIN0075V
90	COMPRIN0090V
110	COMPRIN0110V

Saddle & Tools



Technical Features

- The full range is suitable for a maximum pressure of 16 bar;
- Complete range of threaded outlets for each diameter;
- New generation PP-B material;
- Suitable both for PE pipes (with dimensions according to EN 12201-2) and PVC pipes (with dimensions according to EN 1452-2);
- High solidity of the threaded outlet due to the increased stainless steel reinforcing ring;
- Toric seal (O-ring) perfectly following the shape of the pipe.

Components

- Bolts: Galvanized steel;
- Bottom saddle: Highly stable polypropylene (PP-B) with UV protection;
- Gasket: O-Ring NBR;
- Upper saddle: Highly stable polypropylene (PP-B) with UV protection;
- Reinforcing ring: Stainless steel (AISI 430).



SADDLE ASSEMBLY INSTRUCTIONS



1. Identify the point of installation and make sure the external surface of the pipe is free from soil, imperfections and indentations in the area of contact with the gasket. Position the gasket in the saddle seat.



2. Place the lower part of the saddle (the base) in the chosen gore. Couple the upper part of the saddle (the branch) with the lower one.



3. Insert the screws from below (the bottom part of the saddle has a recess to receive the head of the screw). Tighten the nuts alternatively.



Clamp Saddle - Alternative Procedure

4A. Drill a hole in the pipe wall taking care not to damage the saddle screw thread and the O-ring. Use a spacer to avoid drilling through the other side of the pipe. Better to use a milling drill so as to not damage the screw thread of the saddle and the O-ring.



4B. Use a white indelible felt-tip pen to draw a reference port on the pipe to allow repositioning of the saddle after drilling.



5. Drill the hole on the pipe wall and remove the scraps. Make sure the surface around the hole is clean and smooth before repositioning the saddle.



6. Assemble the saddle according to the marked lines, to keep the hole aligned with the branch direction. It can help to use a pin such as the drill used to make the hole.



CLAMP SADDLES

Clamp saddle with reinforcing steel ring &
D-Gasket seal gasket - 2 Bolt



505HP

CODE	d x BSP	BOLTS	PN
SADU505HP00200500	20 x 1/2"	2	16
SADU505HP00250500	25 x 1/2"	2	16
SADU505HP00250750	25 x 3/4"	2	16

Clamp saddle with reinforcing steel ring &
D-Gasket seal gasket - 4 Bolt



505HP

CODE	d x BSP	BOLTS	PN
SADU505HP00320500	32 x 1/2"	4	16
SADU505HP00320750	32 x 3/4"	4	16
SADU505HP00400500	40 x 1/2"	4	16
SADU505HP00400750	40 x 3/4"	4	16
SADU505HP00401000	40 x 1 "	4	16
SADU505HP00500500	50 x 1/2"	4	16
SADU505HP00500750	50 x 3/4"	4	16
SADU505HP00501000	50 x 1"	4	16
SADU505HP00630500	63 x 1/2"	4	16
SADU505HP00630750	63 x 3/4"	4	16
SADU505HP00631000	63 x 1"	4	16
SADU505HP00631250	63 x 1.1/4"	4	16
SADU505HP00631500	63 x 1.1/2"	4	16
SADU505HP00750500	75 x 1/2"	4	16
SADU505HP00750750	75 x 3/4"	4	16
SADU505HP00751000	75 x 1 "	4	16
SADU505HP00751250	75 x 1.1/4"	4	16
SADU505HP00751500	75 x 1.1/2"	4	16
SADU505HP00752000	75 x 2"	4	16
SADU505HP00900500	90 x 1/2"	4	16
SADU505HP00900750	90 x 3/4"	4	16
SADU505HP00901000	90 x 1 "	4	16
SADU505HP00901250	90 x 1.1/4"	4	16
SADU505HP00901500	90 x 1.1/2"	4	16
SADU505HP00902000	90 x 2"	4	16
SADU505HP01100500	110 x 1/2"	4	16
SADU505HP01100750	110 x 3/4"	4	16
SADU505HP01101000	110 x 1 "	4	16
SADU505HP01101250	110 x 1.1/4"	4	16
SADU505HP01101500	110 x 1.1/2"	4	16
SADU505HP01102000	110 x 2"	4	16

Clamp Saddle with reinforcing steel ring &
O'Ring seal Gasket - 2 Bolt



505

CODE	d x BSP	BOLTS	PN
SADU50501250500	125 x 1/2"	6	10
SADU50501250750	125 x 3/4"	6	10
SADU50501251000	125 x 1 "	6	10
SADU50501251250	125 x 1.1/4"	6	10
SADU50501251500	125 x 1.1/2"	6	10
SADU50501252000	125 x 2"	6	10
SADU50501253000	125 x 3 "	6	10
SADU50501603000	160 x 3"	6	10
SADU50501604000	160 x 4"	6	10
SADU50502001250	200 x 1.1/4"	6	10
SADU50502001500	200 x 1.1/2"	6	10
SADU50502002000	200 x 2"	6	10
SADU50502003000	200 x 3 "	6	10
SADU50502004000	200 x 4"	6	10

Clamp Saddle with reinforcing steel ring &
O'Ring seal Gasket



505

CODE	d x BSP	BOLTS	PN
SADD50500200500	20 x 1/2"	2	10
SADD50500250500	25 x 1/2"	2	10
SADD50500250750	25 x 3/4"	2	10
SADD50500320500	32 x 1/2"	2	10
SADD50500320750	32 x 3/4"	2	10
SADD50500321000	32 x 1 "	2	10
SADD50500400500	40 x 1/2"	2	10
SADD50500400750	40 x 3/4"	2	10
SADD50500401000	40 x 1 "	2	10

Clamp Saddle with reinforcing steel ring &
O'Ring seal Gasket



505

CODE	d x BSP	BOLTS	PN
SADD50500500500	50 x 1/2"	2	10
SADD50500500750	50 x 3/4"	2	10
SADD50500501000	50 x 1 "	2	10
SADU50500501250	50 x 1.1/4"	4	10
SADD50500630500	63 x 1/2"	4	10
SADD50500630750	63 x 3/4"	4	10
SADD50500631000	63 x 1 "	4	10
SADD50500631250	63 x 1.1/4"	4	10
SADD50500631500	63 x 1.1/2"	4	10
SADD50500750500	75 x 1/2"	4	10
SADD50500750750	75 x 3/4"	4	10
SADD50500751000	75 x 1 "	4	10
SADD50500751250	75 x 1.1/4"	4	10
SADD50500751500	75 x 1.1/2"	4	10
SADD50500752000	75 x 2"	4	10
SADD50500900500	90 x 1/2"	4	10
SADD50500900750	90 x 3/4"	4	10
SADD50500901000	90 x 1 "	4	10
SADD50500901250	90 x 1.1/4"	4	10
SADD50500901500	90 x 1.1/2"	4	10
SADD50500902000	90 x 2"	4	10
SADD50501100500	110 x 1/2"	4	10
SADD50501100750	110 x 3/4"	4	10
SADD50501101000	110 x 1 "	4	10
SADD50501101250	110 x 1.1/4"	4	10
SADD50501101500	110 x 1.1/2"	4	10
SADD50501102000	110 x 2"	4	10
SADD50501103000	110 x 3"	4	6

Clamp saddle with reinforcing steel ring &
O-Ring seal gasket - 4 Bolt



505HP

CODE	d x BSP	BOLTS	PN
SADU505HP01600750	160 x 3/4"	6	16
SADU505HP01601000	160 x 1"	6	16
SADU505HP02000750	200 x 3/4"	6	16
SADU505HP02001000	200 x 1"	6	16

CLAMP SADDLES

Clamp Saddle with reinforcing steel ring & O'Ring seal gasket - 6 Bolt



505

CODE	d x BSP	BOLTS	PN
SADD50501401000	140 x 1"	6	10
SADD50501401250	140 x 1.1/4"	6	10
SADD50501401500	140 x 1.1/2"	6	10
SADD50501402000	140 x 2"	6	10
SADD50501402500	140 x 2.1/2"	6	6
SADD50501403000	140 x 3"	6	10
SADD50501601000	160 x 1"	6	10
SADD50501601250	160 x 1.1/4"	6	10
SADD50501601500	160 x 1.1/2"	6	10
SADD50501602000	160 x 2"	6	6
SADD50501603000	160 x 3"	6	6
SADD50502001250	200 x 1.1/4"	6	6
SADD50502001500	200 x 1.1/2"	6	6
SADD50502002000	200 x 2"	6	6
SADD50502003000	200 x 3"	6	6
SADD50502004000	200 x 4"	6	4
SADD50502251250	225 x 1.1/4"	6	4
SADD50502251500	225 x 1.1/2"	6	4
SADD50502252000	225 x 2"	6	4
SADD50502253000	225 x 3"	6	4
SADD50502254000	225 x 4"	6	4
SADD50502501250	250 x 1.1/4"	6	4
SADD50502501500	250 x 1.1/2"	6	4
SADD50502502000	250 x 2"	6	4
SADD50502503000	250 x 3"	6	4
SADD50502504000	250 x 4"	6	4
SADD50503151250	315 x 1.1/4"	6	4
SADD50503151500	315 x 1.1/2"	6	4
SADD50503152000	315 x 2"	6	4
SADD50503153000	315 x 3"	6	4
SADD50503154000	315 x 4"	6	4

Clamp Saddle - Un-reinforced & O'Ring seal gasket - 2 Bolt



503

CODE	d x BSP	BOLTS	PN
SADD50300200500	20 x 1/2"	2	6
SADD50300250500	25 x 1/2"	2	6
SADD50300250750	25 x 3/4"	2	6
SADD50300320500	32 x 1/2"	2	6
SADD50300320750	32 x 3/4"	2	6
SADD50300321000	32 x 1"	2	6
SADD50300400500	40 x 1/2"	2	6
SADD50300400750	40 x 3/4"	2	6
SADD50300401000	40 x 1"	2	6
SADD50300500500	50 x 1/2"	2	6
SADD50300500750	50 x 3/4"	2	6
SADD50300501000	50 x 1"	2	6
SADU50300501250	50 x 1.1/4"	4	6

Clamp Saddle - Un-reinforced & O'Ring seal gasket - 4 Bolt



503

CODE	d x BSP	BOLTS	PN
SADD50300630500	63 x 1/2"	4	6
SADD50300630750	63 x 3/4"	4	6
SADD50300631000	63 x 1"	4	6
SADD50300631250	63 x 1.1/4"	4	6
SADD50300631500	63 x 1.1/2"	4	6
SADU50300750500	75 x 1/2"	4	6
SADU50300750750	75 x 3/4"	4	6
SADU50300751000	75 x 1"	4	6
SADU50300751250	75 x 1.1/4"	4	6
SADU50300751500	75 x 1.1/2"	4	6
SADU50300752000	75 x 2"	4	6
SADU50300900500	90 x 1/2"	4	6
SADU50300900750	90 x 3/4"	4	6
SADU50300901000	90 x 1"	4	6
SADU50300901250	90 x 1.1/4"	4	6
SADU50300901500	90 x 1.1/2"	4	6
SADU50300902000	90 x 2"	4	6
SADU50301100500	110 x 1/2"	4	6
SADU50301100750	110 x 3/4"	4	6
SADU50301101000	110 x 1"	4	6
SADU50301101250	110 x 1.1/4"	4	6
SADU50301101500	110 x 1.1/2"	4	6
SADU50301102000	110 x 2"	4	6
SADD50301103000	110 x 3"	4	6

TAPPING SADDLE



SADU-1025

CODE	d x d	BOLTS	PN
SADU10250110020	110 X 20	6	16
SADU10250110025	110 X 25	6	16
SADU10250110032	110 X 32	6	16
SADU10250160020	160 X 20	6	16
SADU10250160025	160 X 25	6	16
SADU10250160032	160 X 32	6	16

FITTING WRENCH



SPA

d	CODE
16 - 63	COMPSPA00160063H

FITTING WRENCH



SPA

d	CODE
16 - 63	COMPSPA00160063
63 - 110	COMPSPA00630110
50 - 110	COMPSPA00500110