

ALL PRODUCT DIMENSIONS ARE BEFORE COATING

REFERENCE DRAWING ONLY - NOT TO BE USED FOR INSPECTION PURPOSES

DO NOT SCALE

#### MATERIAL SPECIFICATION

**CENTRE SLEEVE (Part 1)**  
Ductile Iron to BS EN1563  
Symbol EN-GJS-450-10

**END RING (Part 2)**  
Ductile Iron to BS EN1563  
Symbol EN-GJS-450-10

**CARRIER (Part 3)**  
Acetal Co-polymer Grade C2521  
or equivalent

**GRIPPER (Part 4)**  
Acetal Co-polymer Grade C9021  
or equivalent

**GASKET (Part 5)**  
Rubber (70 IRHD)  
Grade to suit service

**BOLTS (Part 6)**  
Stainless Steel to BS EN ISO3506-1  
Grade A2 Property class 80 or  
Grade A2 Property class 70 or  
Grade A4 Property class 80 or  
Grade A4 Property class 70

**NUTS (Part 7)**  
Stainless Steel to BS EN ISO3506-2  
Grade A4 Property class 80

**WASHERS (Part 8)**  
Stainless Steel to BS1449:Part 2  
Grade 304 S15 or  
BS EN ISO3506-1 Grade A2  
Property class 50 or  
Grade A4 Property Class 50

**'O' SEAL GASKET (Part 9)**  
As specified by order

**REVERSIBLE WASHER (Part 10)**  
Aluminium AC3A Die Cast

**PROTECTION CAP (Part 11)**  
Polypropylene

#### FINISH SPECIFICATION

**CENTRE SLEEVE (Part 1)**  
Rilsan Nylon II

**END RING (Part 2)**  
Rilsan Nylon II

**BOLTS (Part 6)**  
Dry Film Lubricant

**NUTS (Part 7)**  
Dacromet 500

#### NOTES

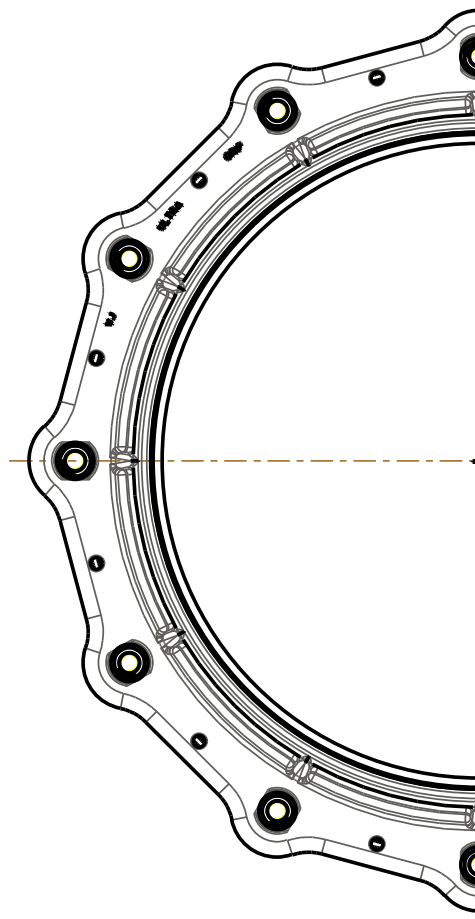
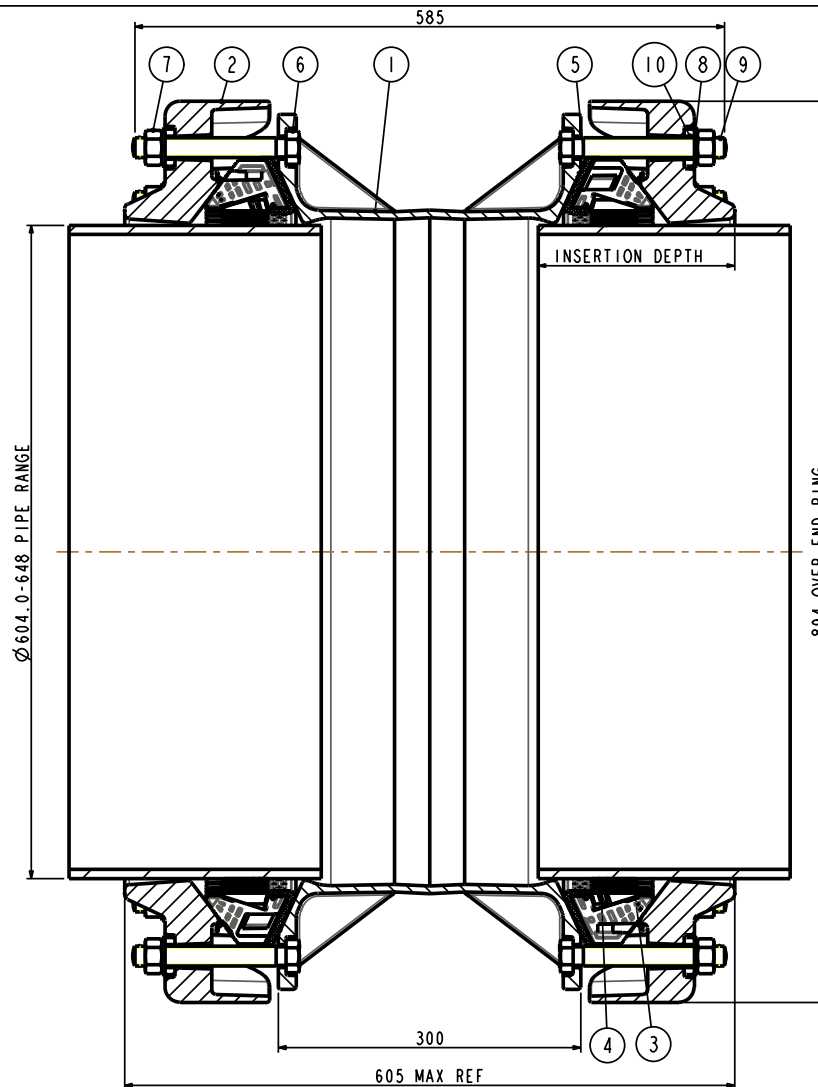
**Bolt Torques**  
M20 = 210-230Nm

**Pipe Materials**  
Gripping and Non-Gripping (Flex)  
Used without support liner  
Steel  
Ductile Iron  
Cast Iron  
PVC Class 4 DIN8062

Used with support liner  
PE80  
PE100  
PVC - all other classes

Non-Gripping (Flex)  
Used without support liner  
Asbestos Cement  
GRP

ISOMETRIC VIEW



ASSEMBLY DRG NO	NOM SIZE	PIPE O.D RANGE	WORKING PRESSURE				NO OFF CARRIERS & GRIPPERS	GASKET MOULD	BOLTS NO-SIZE xLEN	INSERTION DEPTH		WEIGHT KG
			WATER		GAS					MIN	MAX	
			GRIPPING	FLEX	GRIPPING	FLEX						
13198_19	600	604-648	10.000	10.000	N/A	N/A	188.000	13416.2	24-M20x150	155	215	237.779

OVERALL DIMENSIONS DRAWING  
FOR REFERENCE ONLY  
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CRANE A Crane Co Company

OVERALL DIMENSIONS OF  
ULTRAGRIP COUPLING  
FOR 604-648 mm PIPE O.D. RANGE

RELEASE LEVEL:

SHEET 1 OF 1

**VIKING JOHNSON**  
World leaders in pipe joints and repair products

DRAWN	SCALE	0.143
DATE	26-Mar-15	GENERIC
		O_DIM_13198_19_2

DRG NO O\_DIM\_13198\_19\_2