

# ALL PRODUCT DIMENSIONS ARE BEFORE COATING

REFERENCE DRAWING ONLY - NOT TO BE USED FOR INSPECTION PURPOSES

DO NOT SCALE

## MATERIAL SPECIFICATION

**FLANGE ADAPTOR (Part 1)**  
Ductile Iron to BS EN1563:1997  
Symbol EN-GJS-450-10  
**END RING (Part 2)**  
Ductile Iron to BS EN1563:1997  
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)**  
70 IRHD Moulded Compound  
Grade to suit service  
**BOLTS (Part 6)**  
Stainless Steel to BS EN ISO3506-1:2009  
Grade A2 Property Class 70 or  
Grade A2 Property Class 80 or  
Grade A4 Property Class 70 or  
Grade A4 Property Class 80  
**NUTS (Part 7)**  
Stainless Steel to BS EN ISO3506-2:2009  
Grade A4 Property Class 80  
**WASHERS (Part 8)**  
Stainless Steel to BS1449:Part 2:1983  
Grade 304S15 or  
Stainless Steel to BS EN ISO3506-1:2009  
Grade A2 Property Class 50 or  
Grade A4 Property Class 50  
**'O' SEAL GASKET (Part 9)**  
As specified by order

## FINISH SPECIFICATION

**FLANGE ADAPTOR (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

M12 = 55-70Nm

### 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

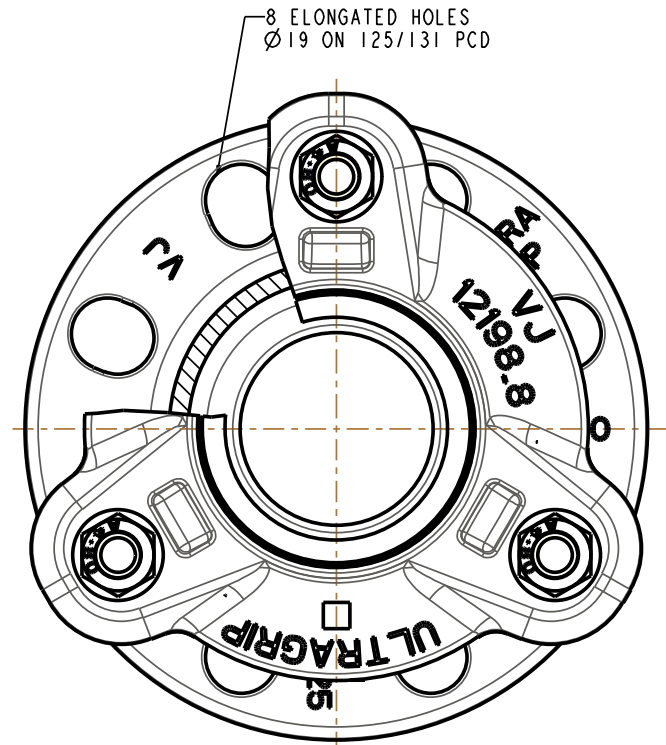
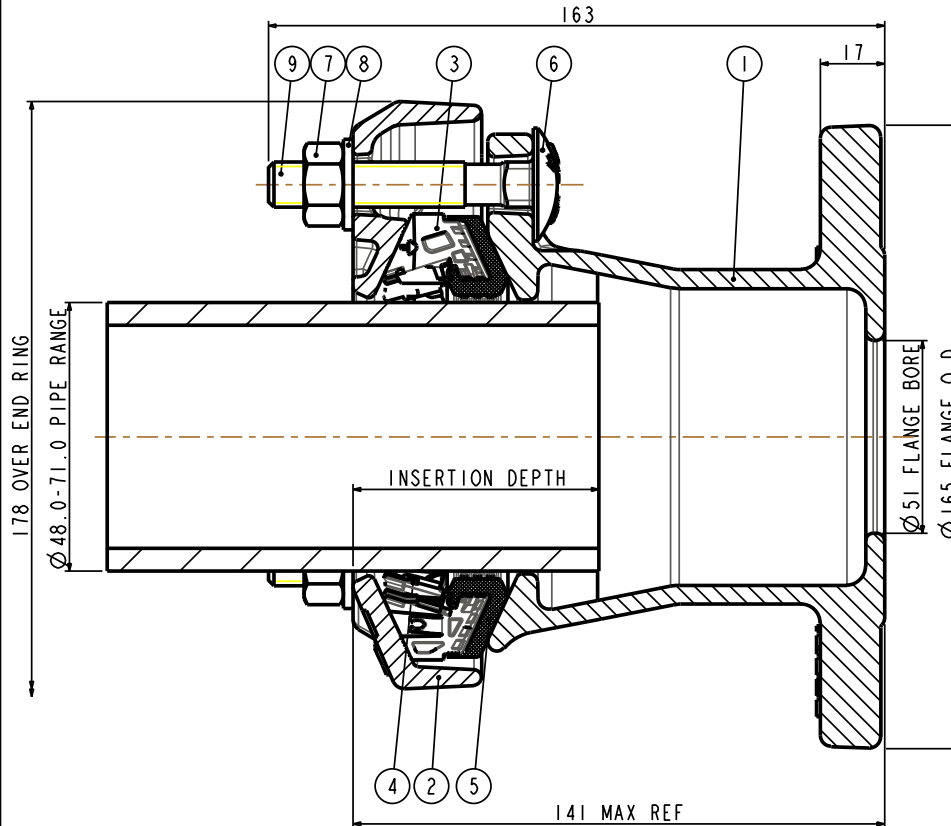
PE100

PVC - all other classes

#### Non-Gripping (Flex)

Used without support liner

Asbestos Cement



NOM SIZE	SIZE RANGE	FLANGE DRILLING	WORKING PRESSURE				NO OFF CARRIERS	NO OFF GRIPPERS	GASKET MOULD	BOLTS NO-SIZExLEN	INSERTION DEPTH		WEIGHT KG	ASSEMBLY DRG NO
			WATER		GAS						MIN	MAX		
			GRIPPING	FLEX	GRIPPING	FLEX								
50	48.0-71.0	50 PN10,16	16bar	16bar	5bar	5bar	24	24	13127_3	3-M12x70	65	110	4.5	13199_2

OVERALL DIMENSIONS DRAWING  
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CRANE A Crane Co Company

OVERALL DIMENSIONS OF  
ULTRAGRIP FLANGE ADAPTOR  
FOR 48.0-71.0mm O.D. PIPE RANGE  
WITH 50 PN10,16 FLANGE

RELEASE LEVEL: Concept

SHEET 1 OF 1

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

DRAWN P.N. SCALE 1:500  
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