

# 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 EN1563:1997  
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)**  
Rubber (70 IRHD)  
Grade to suit service

**BOLTS (Part 6)**  
Stainless Steel to BS EN ISO3506-1:  
2009 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:  
2009 Grade A4 Property class 80

**WASHERS (Part 8)**  
Stainless Steel to BS1449:Part 2:  
1983: Grade 304 S15 or  
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

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

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

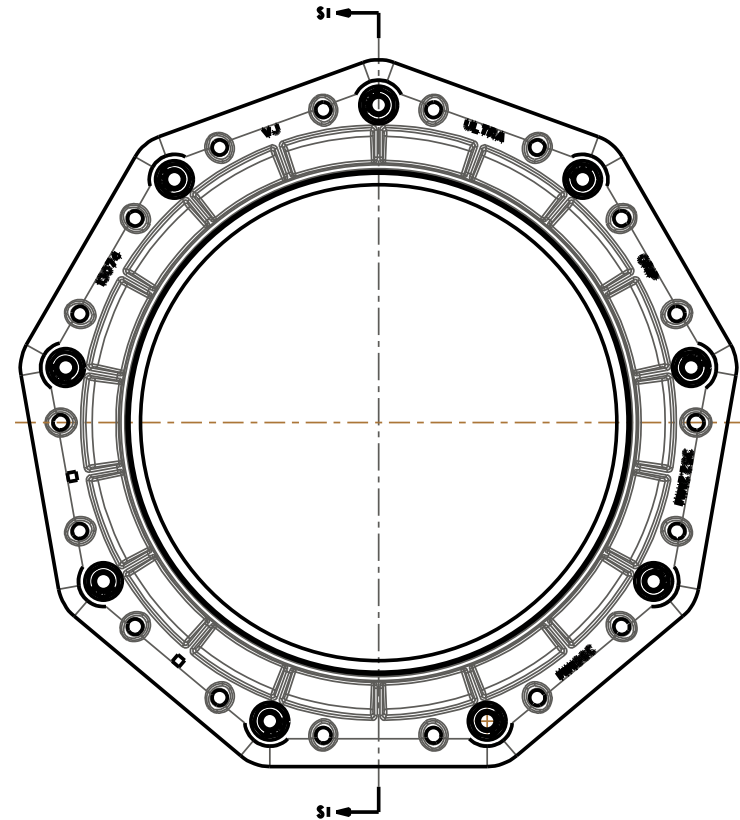
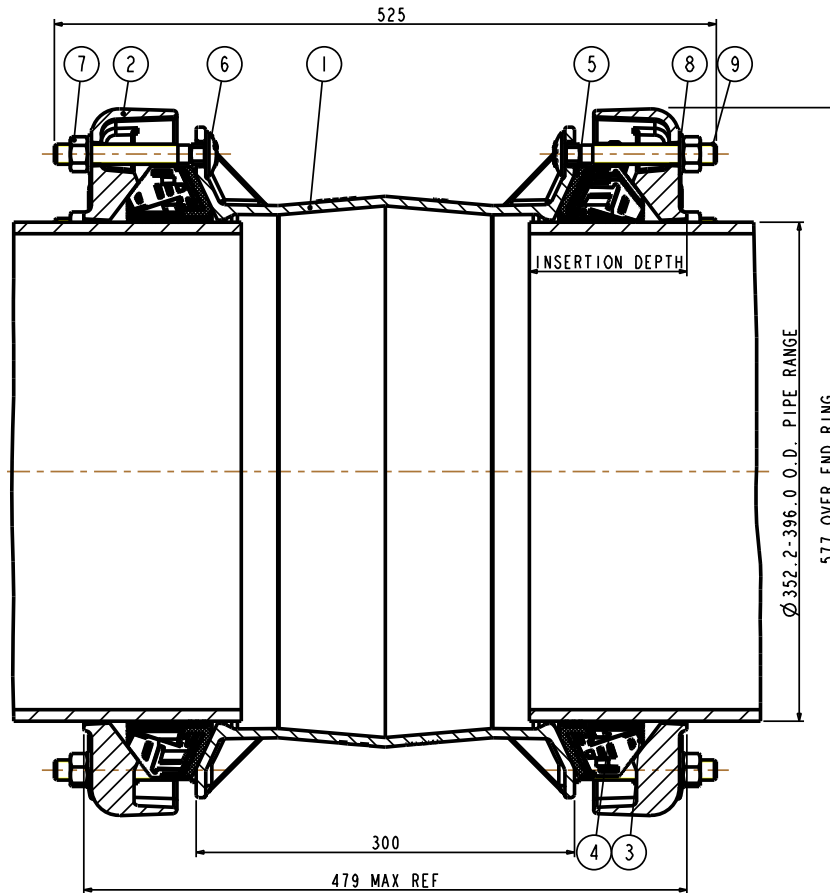
**BOLTS (Part 6)**  
Dry Film Lubricant

**NUTS (Part 7)**  
Dacromet 500

## NOTES

**Bolt Torques**  
M16 = 95-120Nm

**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<br>SIZE | PIPE O.D.<br>RANGE | WORKING PRESSURE |      |          |      | NO OFF<br>CARRIERS | NO OFF<br>GRIPPERS | GASKET<br>MOULD | BOLTS<br>NO-SIZExLEN | INSERTION<br>DEPTH |     | WEIGHT<br>KG | ASSEMBLY<br>DRG NO |
|-------------|--------------------|------------------|------|----------|------|--------------------|--------------------|-----------------|----------------------|--------------------|-----|--------------|--------------------|
|             |                    | WATER            |      | GAS      |      |                    |                    |                 |                      | MIN                | MAX |              |                    |
|             |                    | GRIPPING         | FLEX | GRIPPING | FLEX |                    |                    |                 |                      |                    |     |              |                    |
| 350         | 352.2-396.0        | 10               | 10   | 5        | 5    | 142                | 142                | 13129_5         | 18-M16x120           | 125                | 200 | 73.9         | 13198_12           |

OVERALL DIMENSIONS DRAWING  
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CRANE A Crane Co Company

OVERALL DIMENSIONS OF  
ULTRAGRIP COUPLING ASSEMBLY  
FOR 352.2-396.0mm PIPE O.D. RANGE

RELEASE LEVEL: Concept

SHEET 1 OF 1

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

|       |           |         |                  |
|-------|-----------|---------|------------------|
| DRAWN | P.N.      | SCALE   | 0.750            |
| DATE  | 14-May-10 | GENERIC | O.DIM.13198_12.2 |

DRG NO O.DIM.13198\_12\_2