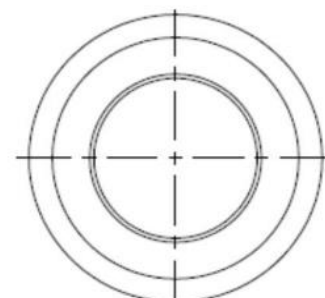
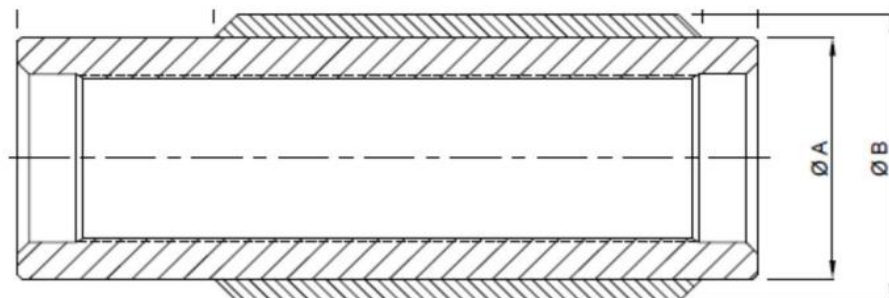


Guided Long PCP Coupling

Injected molded guides

Dimensions:



Nominal size	Dimensions [mm]			Coupling sizes
Tubing				
2 7/8"	57	N/A	N/A	7/8" FS
3 1/2"	N/A	65.6	70.3	1" FS, 1 1/8" FS & SH

Coupling length is 6" (152.4 mm). For other coupling dimensions see the corresponding PDS.

Coupling Materials:

Grade	Yield Strength (0.2% offset)	Ultimate Tensile Stress	Hardness	PDS
57	0	N/A	N/A	7/8" FS
57	N/A	65.6	70.3	1" FS, 1 1/8" FS & SH

Guide Materials:

Polyphenylene sulfide (PPS). 40% glass reinforced.

Property	Typical values PPS	Test Standard PPS
Density	1.65 g/cm3	ISO 1183
Tensile Strength	195 MPa	ISO 527-2/1A
Elongation at break	1.9 %	ISO 527-2/1A
Tensile Modulus	14700 MPa	ISO 527-2/1A
Unnotched Charpy impact strength @23°C	53 kJ/m2	ISO 179/1eU
Unnotched Charpy impact strength @-40°C	53 kJ/m2	ISO 179/1eU
Notched Charpy impact strength @23°C	10 kJ/m2	ISO 180/1eA
Notched Charpy impact strength @-40°C	10 kJ/m2	ISO 179/1eA

Polyphenylene sulfide (PPA). 33% glass reinforced.

Property	Typical values PPA	Test Standard PPA
Density	1.44 g/cm3	ISO 1183
Tensile Strength	193 MPa	ASTM D638
Elongation at break	2.1 %	ASTM D638
Tensile Modulus	13100 MPa	ASTM D638

Rod guide properties:

Property	PPS40	PPA33
Color	White	Black
Maximum Service Temperature*	180 °C	120 °C
Dynamic Friction Coeficient	0.3	0.25
Fiberglass Content	40 %	33 %

*Maximum temperature limitation is dependent on well condition.

Please contact Tenaris's Technical Sales Representative for further assistance

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