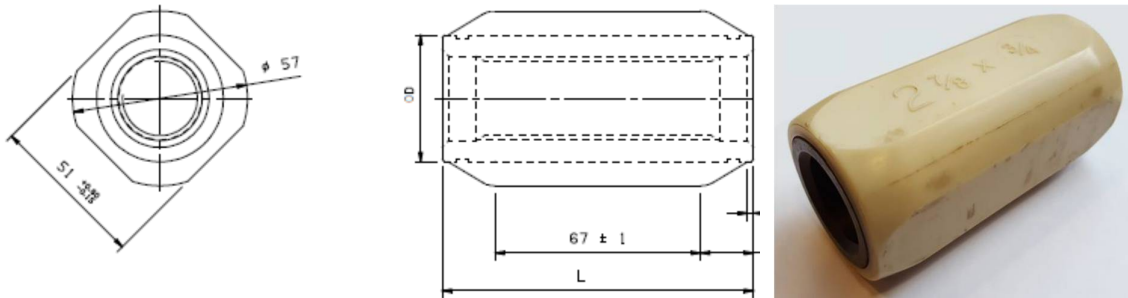


Guided Coupling

Injected molded guides.

Dimensions:



Nominal size	Dimension [mm]			Coupling sizes
	Tubing	L	OD 3/4"	
2 7/8"	101	41.28	46	3/4" and 7/8" FS

For coupling dimensions see the corresponding PDS.

Coupling materials:

Grade	Yield Strength (0.2% offset)	Ultimate Tensile Stress	Hardness	PDS
T alloy	80 to 110 kpsi (552 to 757 MPa)	95 to 125 kpsi (655 to 861 MPa)	56-62 HRA	SRCSRAPI
UHS alloy	110 to 140 kpsi (757 to 964 MPa)	125 to 155 kpsi (861 to 1068 MPa)	64-68 HRA	SRCSRHS

For further details on coupling materials see the corresponding PDS.

Guide materials:

Polyphenylene sulfide (PPS). 40% glass reinforced.

Property	Typical values**	Test Standard
Density	1.65 g/cm ³	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/m ²	ISO 179/1eU
Unnotched Charpy impact strength @-40°C	53 kJ/m ²	ISO 179/1eU
Notched Charpy impact strength @23°C	10 kJ/m ²	ISO 180/1eA
Notched Charpy impact strength @-40°C	10 kJ/m ²	ISO 179/1eA

Polyphthalamide polymer (PPA). 33% glass reinforced.

Property	Typical values*	Test Standar
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

* Values shown have been taken from a reduced number of tests and shall not be used to establish specifications.

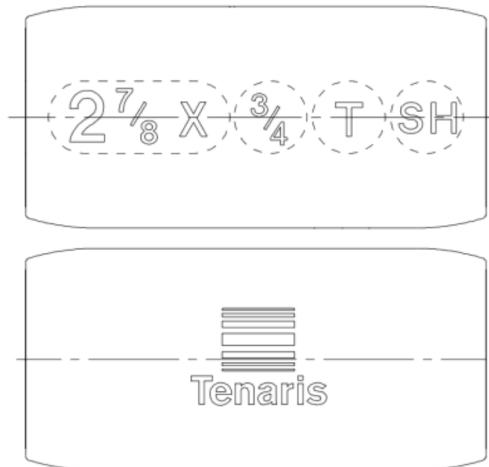
Coupling guide properties:

Property	PPS	PPA
Color	White	Black
Maximum Service Temperature **	200°C	165°C
Dynamic Friction Coefficient	0.3	0.25
Fiberglass Component	40%	33%

*Maximum temperature limitation is dependent on well conditions.

Please contact Tenaris' Technical Sales Representative for further assistance.

Marking:



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