API Grade X-Torque Coupling

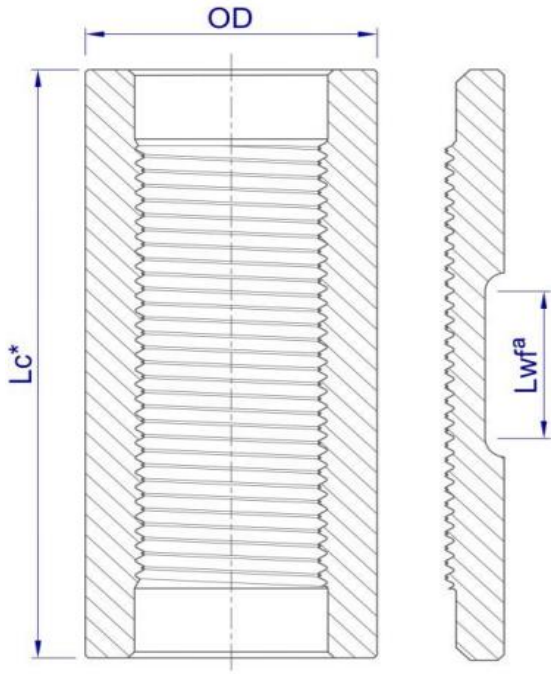
Dimensions:

Full Size:

Nominal Size	Units	OD	Lc* (min)	Lwfa	Weight
7/8"	in	1.811	4.000	1.252	1.72 lb
	mm	46.0	101.6	31.8	(0.781 kg)
1"	in	2.189	4.000	1.500	2.67 lb
	mm	55.6	101.6	38.1	(1.209 kg)
1 1/8"	in	2.375	4.500	1.500	3.29 lb
	mm	60.3	114.3	38.1	(1.494 kg)

Slim Hole:

Nominal Size	Units	OD	Lc* (min)	Lwfa	Weight
7/8"	in	1.626	4.000	-	1.14 lb
	mm	41.3	101.6	-	(0.519 kg)
1"	in	2.000	4.000	-	1.95 lb
	mm	50.8	101.6	-	(0.883 kg)
1 1/8"	in	2.258	4.500	-	2.74 lb
	mm	57.4	114.3	-	(1.244 kg)



*Other lengths might be available.
[a]Wrench flats optional.

Steel Grades:

Chemical Composition:

Typical chemical compositions (wt%) are listed in the following table.

Grade	C	Mn	Si	S	P	Cr	Ni	Mo	Others
T alloy	0.28-0.33	0.70-0.95	0.15-0.34	0.020 max	0.020 max	0.40-0.65	0.40-0.70	0.15-0.25	-

Mechanical Properties:

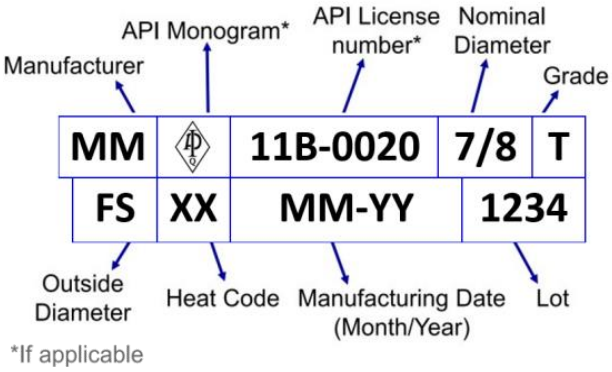
Mechanical properties are listed in the following table.

Grade	Yield Strength	Ultimate Tensile Stress	Hardness
T alloy	72 to 110 kpsi (500 to 757 MPa)	95 to 125 kpsi (655 to 861 MPa)	56-62 HRA

Other Technical Data:

Specially designed to improve torque performance.
All the dimensions comply with API 11B, except for the OD in the 1 1/8” SH.

Marking:



Non Destructive Testing:

All raw material is carefully inspected using electromagnetic and/or ultrasonic methods to ensure the soundness of the final product.

Labeling:*

*Image for reference only

Ordering Information:

When placing an order please attach the following information:

PDS:	SRCXTAPI
Coupling Type:	Coupling
Nominal dimension:	1''
Size:	Full Size
Grade:	T alloy

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