

Sucker Rod String: Coupling

PDS: SRCPRAPISM

Short Name: C04

Effective Date: 31/01/2024 Previous Revision: 27/10/2017

Spray Metal API Polished Rod Coupling

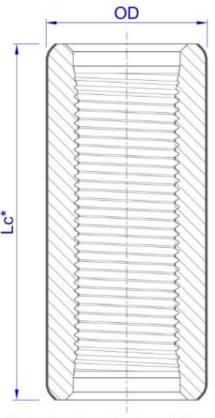
Dimensions:

Full Size:

Nominal Size	Units	OD	Lc* (min)	Weight	
5/8"	in	1.500	4.000	1.17 lb	
3/6	mm	38.1	101.6	(0.530 kg)	
3/4"	in	1.625	4.000	1.4 lb	
3/4	mm	41.3	101.6	(0.633 kg)	
7/8"	in	1.811	4.000	1.72 lb	
//0	mm	46.0	101.6	(0.781 kg)	
1"	in	2.189	4.000	2.67 lb	
_ *	mm	55.6	101.6	(1.209 kg)	
1 1/8"	in	2.375	4.500	3.29 lb	
11/6	mm	60.3	114.3	(1.494 kg)	

Slim Hole:

Nominal Size	Units	OD	Lc* (min)	Weight	
5/8"	in	1.252	4.000	0.66 lb	
5/6	mm	31.8	101.6	(0.300 kg)	
3/4"	in	1.500	4.000	1.05 lb	
5/4	mm	38.1	101.6	(0.478 kg)	
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	
1	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.

Steel Grades:

Chemical Composition:

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

Grade	С	Mn	Si	S	Р	Cr	Ni	Мо	Others
T carbon	0.26-	1.25-	0,15-	0.025	0.025	0.55	0.15	0.25	_
I Carbon	0.35	1.55	0,35	max	max	max	max	max	-

Mechanical Properties:

Mechanical properties are listed in the following table.

Grade	Yield Strength	Ultimate Tensile Stress	Hardness		
T carbon	65 to 95 kpsi	65 to 95 kpsi 95 to 125 kpsi			
	(448 to 655 Mpa)	(655 to 861 MPa)	56-62 HRA		

Coating:

API Spray Metal In accordance with API 11B

Thickness: 0.01-0.02 in (0.25-0.51 mm)

Max. Roughness (Ra): 40 μin (1.016 μm)

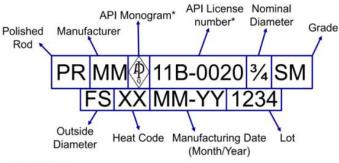
Hardness: 595 HV200 min

Chemical Composition:

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

Coating	С	Si	Р	S	Cr	В	Fe	Ni	Others
API Spray Metal	0.50-	3.50-	0.02	0.02	12.00-	2.5-	3.00 -	Remainder	Ti: 0.05 max Al: 0.05 max
	1.00	5.50	max	max	18.00	4.50	5.00	Remainder	Zr: 0.05 max Co: 0.10 max

Marking:

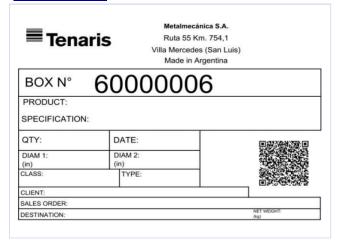


*If applicable

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: SRCPRAPISM Coupling Type: Coupling

Nominal dimension: 1"

Size: Full Size
Grade: T carbon

Coating technology: API Spray Metal

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