

Spray Metal API Grade API PR Coupling

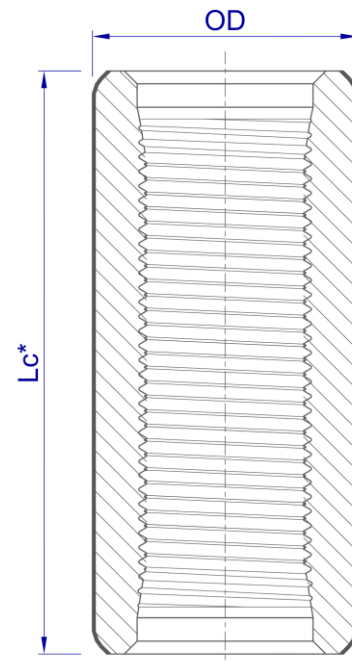
Dimensions:

Full Size:

Nominal Size	Units	OD	Lc* (min)	Lwfa	Weight
5/8"	in	1.5	4	1.252	1.17 lb (0.53 kg)
	mm	38.1	101.6	31.8	
3/4"	in	1.625	4	1.252	1.4 lb (0.63 kg)
	mm	41.3	101.6	31.8	
7/8"	in	1.811	4	1.252	1.72 lb (0.78 kg)
	mm	46	101.6	31.8	
1"	in	2.189	4	1.5	2.67 lb (1.21 kg)
	mm	55.6	101.6	38.1	
1 1/8"	in	2.375	4.5	1.5	3.29 lb (1.49 kg)
	mm	60.3	114.3	38.1	

Slim Hole:

Nominal Size	Units	OD	Lc* (min)	Lwfa	Weight
5/8"	in	1.252	4	-	0.66 lb (0.3 kg)
	mm	31.8	101.6	-	
3/4"	in	1.5	4	-	1.05 lb (0.48 kg)
	mm	38.1	101.6	-	
7/8"	in	1.626	4	-	1.14 lb (0.52 kg)
	mm	41.3	101.6	-	
1"	in	2	4	-	1.95 lb (0.88 kg)
	mm	50.8	101.6	-	
1 1/8"	in	2.258	4.5	-	2.74 lb (1.24 kg)
	mm	57.3	114.3	-	



*Other lengths might be available.
^aWrench flats optional.

Steel Grades:

Chemical Composition:

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

Grade	C (%)	Mn (%)	Si (%)	S (%)	P (%)	Cr (%)	Ni (%)	Mo (%)	Other (%)
T carbon	0.26-0.35	1.25-1.55	0.15-0.35	0.025 max	0.025 max	0.55 max	0.15 max	0.25 max	-

Mechanical Properties:

Mechanical properties are listed in the following table.

Grade	Yield Strength (0.2% offset)	Ultimate Tensile Stress	Hardness
T carbon	65 to 95 kpsi (448 to 655 MPa)	95 to 125 kpsi (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): 63 µin (1.6 µm)

Hardness: Min: 595 HV200

Super Low Friction: Chemical composition in accordance with API 11B

Friction:

Max. Roughness (Ra): 8 µin (0.203 µm)

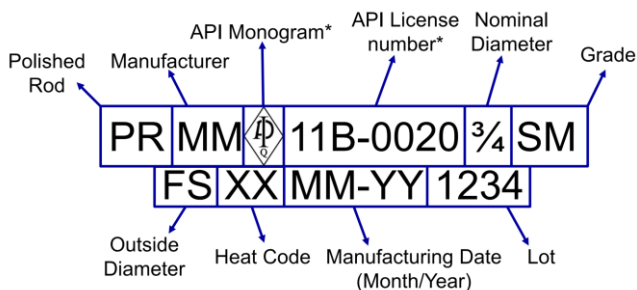
Hardness: Min: 595 HV200

Chemical composition:

Coating	C (%)	Si (%)	P (%)	S (%)	Cr (%)	B (%)	Fe (%)	Ni (%)	Other (%)
API Spray Metal	0.50-1.00	3.50-5.50	0.02 max	0.02 max	12.00-18.00	2.50-4.50	3.00-5.50	Remainder	Ti: 0.05 max Al: 0.05 max Zr: 0.05 max Co: 0.10 max

Coating	C (%)	Si (%)	P (%)	S (%)	Cr (%)	B (%)	Fe (%)	Ni (%)	Other (%)
Super Low Friction	0.50-1.00	3.50-5.50	0.02 max	0.02 max	12.00-18.00	2.50-4.50	3.00-5.50	Remainder	Ti: 0.05 max Al: 0.05 max 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:*

		Metalmecánica S.A. Ruta 55 Km. 754,1 Villa Mercedes (San Luis) Made in Argentina	
		BOX N° 60000006	
PRODUCT:			
SPECIFICATION:			
QTY:	DATE:		
DIAM 1: (in)	DIAM 2: (in)		
CLASS:	TYPE:		
CLIENT:			
SALES ORDER:			NET WEIGHT: (kg)
DESTINATION:			

*Image for reference only

Ordering Information:

When placing an order please attach the following information:

PDS: SRCPRAPISM
Coupling Type: Coupling
Guide: Super Low Friction
Nominal dimension: 1"
Size: Full Size
Grade: T carbon

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