

Sucker Rod String: Coupling

PDS: SRCSCHS

Short Name: C18

Effective Date: 23/12/2024
Previous Revision: 02/09/2024

High Strength API Subcoupling

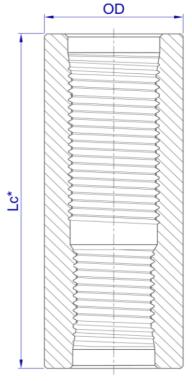
Dimensions:

Full Size:

Nominal Size	Units	OD	Lc* (min)	Weight
3/4"-5/8"	in	1.625	4.000	1.65 lb
3/4 -5/6	mm	41.3	101.6	(0.750 kg)
7/8"-5/8"	in	1.811	4.000	2.14 lb
//6 -5/6	mm	46.0	101.6	(0.969 kg)
7/8"-3/4"	in	1.811	4.000	2.04 lb
	mm	46.0	101.6	(0.923 kg)
1"-3/4"	in	2.189	4.500	3.25 lb
	mm	55.6	114.3	(1.473 kg)
1"-7/8"	in	2.189	4.500	3.15 lb
1 -//8	mm	55.6	114.3	(1.429 kg)
1 1/8"-7/8"	in	2.375	5.000	4.41 lb
	mm	60.3	127.0	(2.000 kg)
1 1/8"-1"	in	2.375	5.000	4.19 lb
	mm	60.3	127.0	(1.900 kg)

Slim Hole:

Nominal Size	Units	OD	Lc* (min)	Weight
2/4" = /0"	in	1.500	4.000	1.26 lb
3/4"-5/8"	mm	38.1	101.6	(0.573 kg)
7/8"-5/8"	in	1.626	4.000	1.49 lb
7/8 -3/8	mm	41.3	101.6	(0.675 kg)
7/8"-3/4"	in	1.626	4.000	1.4 lb
	mm	41.3	101.6	(0.636 kg)
1"-3/4"	in	2.000	4.500	2.41 lb
	mm	50.8	114.3	(1.092 kg)
1"-7/8"	in	2.000	4.500	2.31 lb
	mm	50.8	114.3	(1.050 kg)
1 1/8"-7/8"	in	2.256	5.000	3.75 lb
	mm	57.3	127.0	(1.700 kg)
1 1/8"-1"	in	2.256	5.000	3.53 lb
	mm	57.3	127.0	(1.600 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	P	Cr	Ni	Мо	Others
HA alloy	0.28-	0.70-	0.15-	0.020	0.020	0.40-	0.40-	0.15-	_
па апоу	0.33	0.95	0.35	max	max	0.65	0.70	0.25	-

Mechanical Properties:

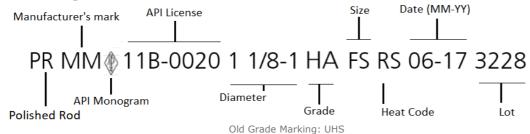
Mechanical properties are listed in the following table.

Grade	Yield Strength	Ultimate Tensile Stress	Hardness
HA alloy	110 to 140 kpsi	125 to 155 kpsi	C4 C9 LIDA
	(757 to 965 MPa)	(861 to 1069 MPa)	64-68 HRA

Other Technical Data:

All the dimensions comply with API 11B, except for all the 1 1/8" SH combinations.

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:*



Ordering Information:

When placing an order please attach the following information:

PDS: SRCSCHS
Coupling Type: Subcoupling
Nominal dimension: 1 1/8"-1"
Size: Full Size
Grade: HA alloy

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