

Sucker Rod String: Coupling PDS: SRCSCAPI

**Short Name: C07** 

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

# **API Grade API Subcoupling**

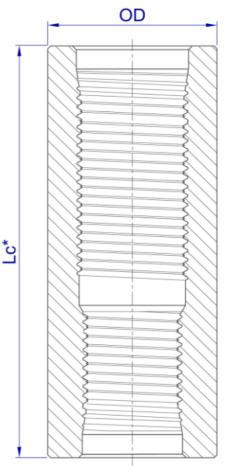
#### **Dimensions:**

## **Full Size:**

Nominal Size	Units	OD	Lc* (min)	Weight
2/41/ 5/01/	in	1.625	4.000	1.65 lb
3/4"-5/8"	mm	41.3	101.6	(0.750 kg)
7/0" [/0"	in	1.811	4.000	2.14 lb
7/8"-5/8"	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
1 -3/4	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 c* (min	Lc* (min)	Weight Weight
3/4"-5/8"	in	1.500	4.000	1.26 lb
	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	Р	Cr	Ni	Мо	Others
TA alloy	0.28-	0.70-	0.15-	0.020	0.020	0.40-	0.40-	0.15-	_
TA alloy	0.33	0.95	0.34	max	max	0.65	0.70	0.25	-

#### **Mechanical Properties:**

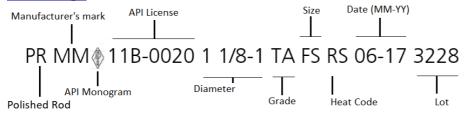
Mechanical properties are listed in the following table.

Grade	Yield Strength	Ultimate Tensile Stress	Hardness
TA alloy	72 to 110 kpsi	95 to 125 kpsi	56-62 HRA
	(500 to 757 MPa)	(655 to 861 MPa)	30-02 TINA

#### **Other Technical Data:**

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

## **Marking:**

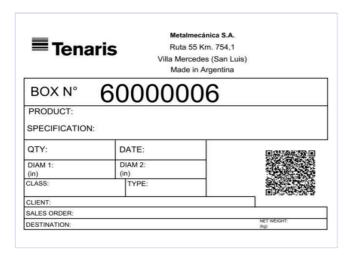


Old Grade Marking: T

## **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: SRCSCAPI
Coupling Type: Subcoupling
Nominal dimension: 1 1/8"-1"
Size: Full Size
Grade: TA alloy

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