

Sucker Rod String: Coupling

PDS: SRCSRAPI

**Short Name: C02** 

Effective Date: 23/12/2024 Previous Revision: 30/08/2024

# **API Grade API Sucker Rod Coupling**

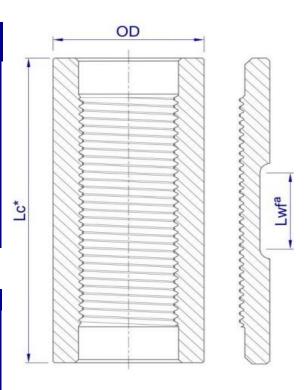
# **Dimensions:**

## **Full Size:**

Nominal Size	Units	OD	Lc* (min)	Lwfa	Weight
5/8"	in	1.500	4.000	1.252	1.17 lb
3/6	mm	38.1	101.6	31.8	(0.530 kg)
3/4"	in	1.625	4.000	1.252	1.4 lb
	mm	41.3	101.6	31.8	(0.633 kg)
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
5/8"	in	1.252	4.000	-	0.66 lb
5/6	mm	31.8	101.6	-	(0.300 kg)
2 /411	in	1.500	4.000	-	1.05 lb
3/4"	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
	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. <sup>a</sup>Wrench flats optional.

# **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-	_
I A alloy	0.33	0.95	0.34	max	max	0.65	0.70	0.25	-

## **Mechanical Properties:**

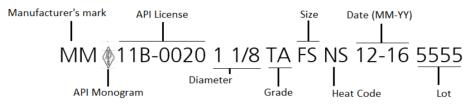
Mechanical properties are listed in the following table.

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)		

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

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

# **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: SRCSRAPI
Coupling Type: Coupling

Nominal dimension: 1"

Size: Full Size
Grade: TA alloy

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