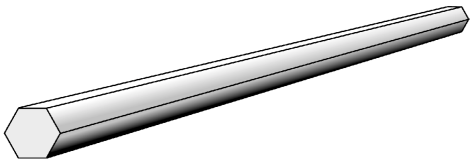
HEXAGON ROD # 176



Ref: DIN 176 - Tolerance h11
In one, two or three meter lengths (Approx. 39", 79" or 118")
Two materials: Bright drawn
Free cutting steel 9s Mn 28 K or Brass (Ms 58 Cu Zn 39 Pb3)

ACROSS FLATS mm	WEIGHT/Meter lbs.	SCREW DIA.	# 176 STEEL	# 176 BR BRASS
4	.24	-	x	-
5	.37	M 2.5	x	-
6	.54	-	x	-
7	.73	M 4	x	x
8	.96	M 5	x	-
9	1.2	-	x	-
10	1.5	M 6	x	x
11	1.8	M 7	x	-
12	2.1	-	x	-
13	2.5	M 8	x	x
14	2.9	-	x	x
17	4.3	M 10	x	x

ACROSS FLATS mm	WEIGHT/Meter lbs.	SCREW DIA.	# 176 STEEL	# 176 BR BRASS
19	5.4	M 12	x	x
22	7.2	-	x	x
24	8.6	M 16	x	x
27	11	M 18	x	x
30	13.5	M 20	x	x
32	15	M 22	x	x
36	19	M 24	x	x
41	25	M 27	x	x
46	32	M 30	x	-
55	45	M 36	x	-
60	-	M 39	-	x

"x" denotes stock availability

DATA FOR STEEL:
Approximate Chemical Composition:
C: 0.14% max. Si: 0.05% max. Mn: 0.90-1.30% P: 0.1% max. S: 0.24-0.32% max.
Material: 9 S Mn 28K - # 10715 (Similar to AISI # 1213)
Untreated Tensile Strength:

Across Flats	Tensile Strength N/mm²	Hardness HB
Up to 16 mm	380 - 570	170
17 to 63 mm	380 - 570	159

SQUARE ROD # 178

Ref: DIN 178
In one, two or three meter lengths (Approx. 39", 78" or 118")
Free cutting steel (9S Mn 28K) - Tolerance h9

ACROSS FLATS mm	WEIGHT/Meter lbs.
4 x 4	.28
5 x 5	.43
6 x 6	.60
7 x 7	.85
8 x 8	1.10
10 x 10	1.70

ACROSS FLATS mm	WEIGHT/Meter lbs.
12 x 12	2.50
14 x 14	3.40
15 x 15	3.90
16 x 16	4.40
18 x 18	5.60

ACROSS FLATS mm	WEIGHT/Meter lbs.
20 x 20	6.90
25 x 25	10.80
30 x 30	15.50
40 x 40	27.70
50 x 50	43.00

"x" denotes stock availability

Approximate Chemical Composition:
C: 0.14% max. Si: 0.05% max. Mn: 0.90-1.30% P: 0.1% max. S: 0.24-0.32% max.
Material: 9 S Mn 28K - # 10715 (Similar to AISI # 1213)
Untreated Tensile Strength:

Across Flats	Tensile Strength N/mm²	Hardness HB
Up to 16 x 16 mm	380 - 570	170
18 x 18 & up	380 - 570	159

How to Order
Item #: 176 BR
Size: 27
Quantity: 4
Tel: 1-888-966-MMCC

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