

Section 2 Non-Threaded Fasteners, Etc.



KEY STOCK # 6880

Ref: DIN 6880

In one, two or three meter lengths (Approx. 39", 79" or 118")
 Three materials: Carbon Steel C 45 K - Water or Oil Hardenable,
 A2 (304) Stainless Steel or Brass (Ms 58 Cu Zn 39 Pb3)
 Tolerance h9 - Rounded corners



SIZE mm	TOLERANCE h9	
	mm	Inch
3 - 6	-0.030	-.0012"
6 - 10	-0.036	-.0014"
10 - 18	-0.043	-.0017"
18 - 30	-0.052	-.0020"
30 - 50	-0.062	-.0024"

WIDTH x HEIGHT	WEIGHT/Mete lbs.*	# 6880 STEEL	# 6880 A2 STAINLESS	# 6880 BR BRASS	WIDTH x HEIGHT	WEIGHT/Meter lbs.*	# 6880 STEEL	# 6880 A2 STAINLESS	# 6880 BR BRASS
3 x 3	.16	x	x	x	9 x 22	3.4	x	-	-
3 x 5	.26	x	-	-	9 x 25	3.9	x	-	-
4 x 4	.28	x	x	x	10 x 10	1.7	x	x	x
4 x 6	.37	x	-	-	10 x 12	2	x	x	-
4 x 7	.48	x	-	-	10 x 16	2.8	x	-	-
5 x 5	.43	x	x	x	10 x 28	4.8	x	-	-
5 x 8	.69	x	-	-	11 x 18	3.4	x	-	-
6 x 6	.62	x	x	x	12 x 12	2.5	x	x	x
6 x 10	1.04	x	-	-	12 x 20	4.1	x	x	-
6 x 12	1.24	x	-	-	14 x 14	3.4	x	x	-
6 x 14	1.45	x	-	-	14 x 22	5.3	x	-	-
7 x 7	.84	x	-	-	14 x 25	6	x	-	-
7 x 8	.97	x	x	-	16 x 16	4.4	x	x	-
7 x 16	1.93	x	-	-	16 x 28	7.7	x	-	-
7 x 18	2.18	x	-	-	18 x 18	5.6	x	-	-
8 x 8	1.1	x	x	x	18 x 32	10	x	-	-
8 x 10	1.38	x	x	-	20 x 20	6.9	x	-	-
8 x 12	1.66	x	x	-	20 x 36	12.5	x	-	-
8 x 20	2.8	x	-	-	25 x 25	10.8	x	-	-
9 x 14	2.2	x	x	-					

"x" denotes stock availability

DATA FOR STEEL:

Material: C 45K # 10503 (Similar to AISI # 1043)

Approximate Chemical Composition:

C: 0.42 - 0.50% Si: 0.40% max. Mn: 0.50 - 0.80% P: 0.045% max. S: 0.045% max.

Hot Working: 110 - 850°C (2000 - 1560°F)

Soft Annealing: 650 - 700°C (1200 - 1290°F)

Hardening Temperature for Quenching in WATER: 820 - 850°C (1500 - 1590°F)

Hardening Temperature for Quenching in OIL: 830 - 860°C (1520 - 1580°F)

Temper: 540 - 680°C (1200 - 1250°F)

How to Order

Item #: 6880 A2

Size: 12 x 12

Quantity: 2

Tel: 1-888-966-MMCC

*Please note: Weight basis for steel - provides similarities for other materials.