Allen Key Size Chart

The hex key for each socket head cap screw · inch and metric

CAP SCREW (INCH)	ALLEN KEY	KEY IN MM
#0	.050"	1.27 mm
#1	1/16"	1.59 mm
#2	5/64"	1.98 mm
#3	5/64"	1.98 mm
#4	3/32"	2.38 mm
#5	3/32"	2.38 mm
#6	7/64"	2.78 mm
#8	9/64"	3.57 mm
#10	5/32"	3.97 mm
1/4"	3/16"	4.76 mm
5/16"	1/4"	6.35 mm
3/8"	5/16"	7.94 mm
7/16"	3/8"	9.53 mm
1/2"	3/8"	9.53 mm
5/8"	1/2"	12.70 mm
3/4"	5/8"	15.88 mm
7/8"	3/4"	19.05 mm
1"	3/4"	19.05 mm
1-1/4"	7/8"	22.23 mm
1-1/2"	1"	25.40 mm

CAP SCREW (METRIC)	ALLEN KEY	KEY IN INCHES
M2	1.5 mm	.059"
M2.5	2 mm	.079"
M3	2.5 mm	.098"
M4	3 mm	.118"
M5	4 mm	.157"

CAP SCREW (METRIC)	ALLEN KEY	KEY IN INCHES
M6	5 mm	.197"
M8	6 mm	.236"
M10	8 mm	.315"
M12	10 mm	.394"
M16	14 mm	.551"
M20	17 mm	.669"
M24	19 mm	.748"
M30	22 mm	.866"
M36	27 mm	1.063"

INCH KEY	MM	NEAREST METRIC KEY	DIFFERENCE
.050"	1.27	1.27 mm	0.00 mm
1/16"	1.59	1.5 mm	-0.09 mm
5/64"	1.98	2 mm	+0.02 mm
3/32"	2.38	2.5 mm	+0.12 mm
7/64"	2.78	3 mm	+0.22 mm
1/8"	3.18	3 mm	-0.18 mm
9/64"	3.57	3.5 mm	-0.07 mm
5/32"	3.97	4 mm	+0.03 mm
3/16"	4.76	5 mm	+0.24 mm
7/32"	5.56	5.5 mm	-0.06 mm
1/4"	6.35	6 mm	-0.35 mm
5/16"	7.94	8 mm	+0.06 mm
3/8"	9.53	10 mm	+0.48 mm
7/16"	11.11	12 mm	+0.89 mm
1/2"	12.70	12 mm	-0.70 mm
9/16"	14.29	14 mm	-0.29 mm
5/8"	15.88	17 mm	+1.13 mm
3/4"	19.05	19 mm	-0.05 mm

SCREW (INCH)	BUTTON HEAD KEY	SET SCREW KEY

SCREW (INCH)	BUTTON HEAD KEY	SET SCREW KEY
#2	.050"	.035"
#3	-	.050"
#4	1/16"	.050"
#5	5/64"	1/16"
#6	5/64"	1/16"
#8	3/32"	5/64"
#10	1/8"	3/32"
1/4"	5/32"	1/8"
5/16"	3/16"	5/32"
3/8"	7/32"	3/16"
7/16"	-	7/32"
1/2"	5/16"	1/4"
5/8"	3/8"	5/16"
3/4"	-	3/8"
7/8"	-	1/2"
1"	-	9/16"

Cap screws: Holo-Krome's product standards (ASME B18.3, ISO 4762); M2 to M12 match ISO 4762 Table 1. The key is the size of the socket in the head, so coarse and fine threads of one size take the same key.

Metric button heads (ISO 7380): M3 2 mm, M4 2.5 mm, M5 3 mm, M6 4 mm, M8 5 mm, M10 6 mm, M12 8 mm. Only .050" and 1.27 mm are the same size; use the key in the screw's own system.