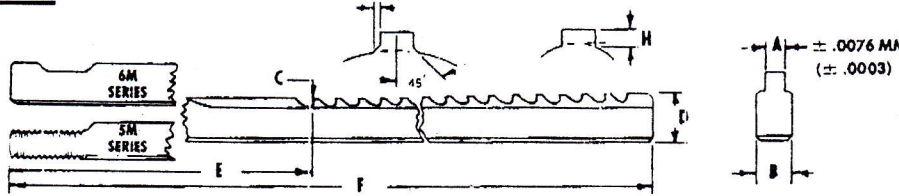




Eagle Tool Company

STANDARD METRIC KEYWAY BROACHES WITH CHAMFER SECTIONS FROM STOCK



KEYWAY CLEARANCES AND DEPTHS MANUFACTURED TO I.S.O. STANDARDS

5M SERIES	6M SERIES	A MM	Min. Hole Size	Min. Length Cut	Max. Length Cut	B	C	D	E	F	G	H	No. of Pass.
5M1	6M1	2 (.0811)	9 (.3543)	9.53 (³ / ₄)	31.75 (1 ¹ / ₄)	3.942 (.1552)	6.60 (.260)	7.95 (.313)	196.85 (7 ³ / ₄)	508 (20)	1/4-20	1.35 (.053)	1
5M2	6M2	3 (.1205)	11 (.433)	12.7 (¹ / ₂)	38.1 (1 ¹ / ₂)	4.737 (.1865)	7.49 (.295)	9.32 (.367)	196.85 (7 ³ / ₄)	610 (24)	5/16-18	1.83 (.072)	1
5M3	6M3	4 (.1606)	13 (.512)	12.7 (¹ / ₂)	38.1 (1 ¹ / ₂)	6.325 (.249)	8.81 (.347)	11.13 (.438)	229 (9)	838 (33)	3/8-16	2.31 (.091)	1
5M4	6M4	4 (.1606)	16 (.630)	15.875 (⁵ / ₈)	63.5 (2 ¹ / ₂)	6.325 (.249)	8.76 (.345)	11.07 (.436)	254 (10)	915 (36)	3/8-16	2.31 (.091)	1
5M5	6M5	5 (.1999)	17 (.669)	14.29 (⁹ / ₁₆)	44.45 (1 ³ / ₄)	7.91 (.3115)	8.18 (.322)	11.07 (.436)	248 (9 ¹ / ₄)	915 (36)	1/2-13	2.89 (.114)	1
5M6	6M6	5 (.1999)	24 (.945)	15.875 (⁵ / ₈)	76.2 (3)	9.5 (.374)	17.75 (.699)	20.65 (.813)	279.4 (11)	1067 (42)	1/2-13	2.89 (.114)	1
5M7	6M7	6 (.2393)	17 (.669)	15.875 (⁵ / ₈)	63.5 (2 ¹ / ₂)	9.5 (.374)	11.96 (.471)	15.54 (.612)	254 (10)	915 (36)	1/2-13	3.58 (.141)	1
5M8	6M8	6 (.2393)	25 (.984)	17.46 (¹¹ / ₁₆)	101.6 (4)	12.67 (.499)	18.69 (.736)	22.28 (.877)	305 (12)	1143 (45)	5/8-11	3.58 (.141)	1
5M9	6M9	8 (.3188)	25 (.984)	17.46 (¹¹ / ₁₆)	101.6 (4)	12.67 (.499)	18.77 (.739)	23.06 (.908)	305 (12)	1143 (45)	5/8-11	4.29 (.169)	1
5M10	6M10	8 (.3188)	33 (1.299)	22.23 (⁷ / ₈)	152.4 (6)	12.67 (.499)	25.12 (.989)	29.41 (1.158)	353 (13 ³ / ₄)	1295 (51)	5/8-11	4.29 (.169)	1
5M11	6M11	10 (.3976)	30 (1.1811)	17.46 (¹¹ / ₁₆)	101.6 (4)	12.67 (.499)	18.77 (.739)	23.27 (.916)	305 (12)	1143 (45)	5/8-11	4.49 (.177)	1
5M12	6M12	10 (.3976)	38 (1.496)	22.23 (⁷ / ₈)	152.4 (6)	15.85 (.624)	27.25 (1.073)	31.75 (1.250)	353 (13 ³ / ₄)	1295 (51)	3/4-10	4.49 (.177)	1
5M13	6M13	12 (.4772)	38 (1.496)	17.46 (¹¹ / ₁₆)	101.6 (4)	15.85 (.624)	29.46 (1.160)	34.06 (1.341)	302 (11 ¹ / ₄)	1219 (48)	3/4-10	4.60 (.181)	1
5M14	6M14	12 (.4772)	44 (1.732)	25.4 (1)	203.2 (8)	15.85 (.624)	29.46 (1.160)	34.06 (1.341)	406.4 (16)	1524 (60)	3/4-10	4.60 (.181)	1
5M15	6M15	14 (.5559)	44 (1.732)	17.46 (¹¹ / ₁₆)	101.6 (4)	17.44 (.6865)	29.11 (1.146)	34.39 (1.354)	295 (11 ¹ / ₄)	1372 (54)	1-8	5.28 (.208)	1
5M16	6M16	14 (.5559)	50 (1.9685)	25.4 (1)	203.2 (8)	19.02 (.749)	33.04 (1.301)	38.33 (1.509)	400 (15 ³ / ₄)	1524 (60)	1-8	5.28 (.208)	1
5M17	6M17	16 (.6346)	50 (1.9865)	17.46 (¹¹ / ₁₆)	101.6 (4)	19.02 (.749)	35.46 (1.396)	41.28 (1.625)	305 (12)	1524 (60)	1-8	5.82 (.229)	1
5M18	6M18	16 (.6346)	58 (2.2835)	28.58 (1 ¹ / ₄)	305 (12)	22.2 (.874)	38.35 (1.510)	41.28 (1.625)	508 (20)	1524 (60)	1-8	5.82 (.229)	2
5M19	6M19	18 (.7134)	58 (2.2835)	17.46 (¹¹ / ₁₆)	101.6 (4)	22.2 (.874)	35.26 (1.388)	41.28 (1.625)	305 (12)	1524 (60)	1-8	6.02 (.237)	1
5M20	6M20	18 (.7134)	65 (2.559)	28.58 (1 ¹ / ₄)	305 (12)	25.37 (.999)	39.85 (1.569)	42.88 (1.688)	513 (20 ³ / ₄)	1524 (60)	1 ¹ / ₄ -7	6.02 (.237)	2
5M21	6M21	20 (.7933)	65 (2.559)	17.46 (¹¹ / ₁₆)	101.6 (4)	28.55 (1.124)	40.94 (1.612)	47.63 (1.875)	302 (11 ¹ / ₄)	1600 (63)	1 ¹ / ₄ -7	6.68 (.263)	1
5M22	6M22	20 (.7933)	75 (2.953)	28.58 (1 ¹ / ₄)	305 (12)	28.55 (1.124)	40.31 (1.587)	43.66 (1.719)	503 (19 ³ / ₄)	1600 (63)	1 ¹ / ₄ -7	6.68 (.263)	2
5M23	6M23	22 (.8720)	75 (2.953)	17.46 (¹¹ / ₁₆)	101.6 (4)	28.55 (1.124)	40.39 (1.590)	47.63 (1.875)	302 (11 ¹ / ₄)	1600 (63)	1 ¹ / ₄ -7	7.24 (.285)	1
5M24	6M24	22 (.8720)	85 (3.346)	28.58 (1 ¹ / ₄)	305 (12)	28.55 (1.124)	40.03 (1.576)	43.66 (1.719)	503 (19 ³ / ₄)	1600 (63)	1 ¹ / ₄ -7	7.24 (.285)	2
5M25	6M25	25 (.9901)	85 (3.346)	17.46 (¹¹ / ₁₆)	101.6 (4)	31.72 (1.249)	36.98 (1.456)	44.45 (1.750)	270 (10 ⁵ / ₈)	1600 (63)	1 ¹ / ₂ -6	7.47 (.294)	1
5M26	6M26	25 (.9901)	95 (3.740)	28.58 (1 ¹ / ₄)	305 (12)	31.72 (1.249)	40.72 (1.603)	44.45 (1.750)	508 (20)	1600 (63)	1 ¹ / ₂ -6	7.47 (.294)	2