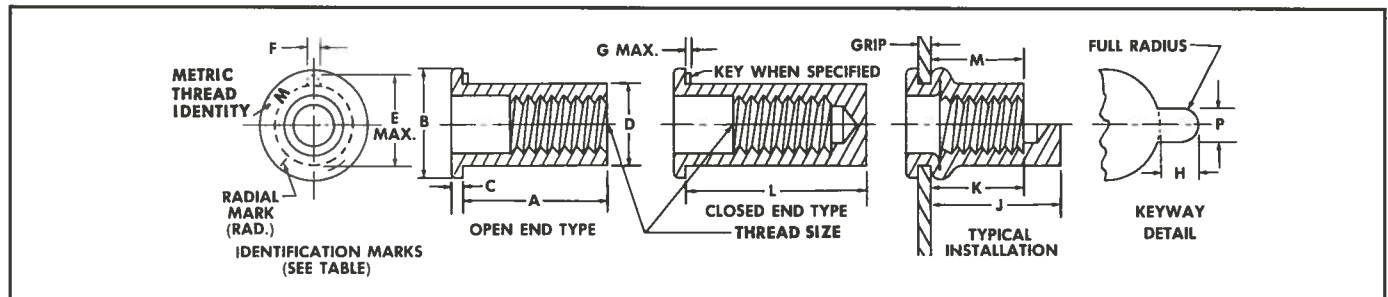


# Flat head RIVNUT® fastener — Metric Thread System



**Code:**

Diameter and grip range as tabulated. First letter of type number indicates material: "A" for 6053 aluminum, "S" for C-1010 or C-1110 steel, "SS" for Type 430 corrosion resistant steel, "CH" for heat treated 4037 steel, "BR" for brass, NM for type 384 stainless steel. Letter between dash numbers indicates type: "—" for keyless open end, "K" for keyed open end, "B" for keyless closed end, "KB" for keyed closed end, "R" for ribbed shank.

**Examples:**

AM3K1.0 = Aluminum alloy keyed open end M3X0.5 internal thread 0.25 to 1.00 grip range.  
SSM5KB3.5 = Corrosion resistant steel keyed closed end M5X0.8 internal thread 2.00 to 3.50 grip range.

**Weights:**

For Brass RIVNUTS multiply weight of aluminum RIVNUTS by 3.13. Weights for "SS" RIVNUTS (Type 430 corrosion resistant steel) same as for "S" RIVNUTS (C-1010 or C-1110 steel).

First Symbols of Type Numbers	Thread Size	B ±0.38	C Nom.	D +0.00 -0.10	E Max.	F +0.13 -0.00	G Max.	Install Drill Size (Ref.)	Install Hole Size		Keyway Dimensions	
									Min.	Max.	P+0.08 -0.00	H
M3	M3X0.5 -6H	6.68	0.63	3.94	5.03	1.37	0.58	4.00	3.94	4.01	1.57	1.17-1.22
M4	M4X0.7 -6H	9.01	0.81	5.62	6.88	1.37	0.58	5.60	5.62	5.74	1.57	1.42-1.47
M5	M5X0.8 -6H	11.17	1.22	7.14	8.73	1.85	0.58	7.20	7.20	7.30	2.06	1.70-1.75
M6	M6X1.0 -6H	3.43	1.47	8.44	10.33	2.23	0.89	8.50	8.50	8.60	2.44	2.06-2.13
M7	M7X1.0 -6H	14.92	1.47	9.38	11.27	2.23	0.89	9.40	9.40	9.50	2.44	2.06-2.13
M8	M8X1.25-6H	16.65	1.57	10.49	12.82	3.05	1.02	10.50	10.50	10.70	3.25	2.46-2.59
M10	M10X1.50-6H	19.50	2.23	12.45	15.15	3.05	1.02	12.50	12.50	12.70	3.25	2.79-2.92
M12	M12X1.75-6H	22.79	2.23	15.47	18.20	3.05	1.02	15.50	15.50	15.70	3.25	2.79-2.92

†Additional Grip Ranges are available.

Type Number	Grip † Range	Ident. Mark	Open End Keyed and Keyless				Closed End Keyed and Keyless				
			A ±0.38	M Ret.	Wt. (Lbs./1000)		L ±0.38	J Ref.	K Ref.	Wt. (Lbs./1000)	
					Alum.	Steel				Alum.	Steel
M3- 1.0	0.25- 1.00	Blank	8.00	5.61	.3	1.0	12.00	9.62	5.61	.5	1.6
M3- 1.75	1.00- 1.75	1-Rad.	8.75	5.61	.4	1.1	12.75	9.62	5.61	.5	1.7
M3- 2.5	1.75- 2.50	2-Rad.	9.50	5.61	.4	1.1	13.50	9.62	5.61	.6	1.7
M3- 3.25	2.50- 3.25	3-Rad.	10.25	5.61	.4	1.2	14.24	9.62	5.61	.6	1.7
M3- 4.0	3.25- 4.00	4-Rad.	11.00	5.61	.4	1.2	15.00	9.62	5.61	.6	1.8
M3- 4.75	4.00- 4.75	5-Rad.	11.75	5.61	.4	1.3	15.75	9.62	5.61	.6	1.9
M4- 2.0	0.25- 2.00	Blank	11.00	7.08	1.0	3.1	16.00	12.08	7.08	1.6	5.0
M4- 3.0	2.00- 3.00	1-Rad.	12.00	7.08	1.1	3.3	17.00	12.08	7.08	1.7	5.2
M4- 4.0	3.00- 4.00	2-Rad.	13.00	7.08	1.1	3.4	18.00	12.08	7.08	1.8	5.3
M4- 5.0	4.00- 5.00	3-Rad.	14.00	7.08	1.2	3.5	19.00	12.08	7.08	1.8	5.5
M4- 6.0	5.00- 6.00	4-Rad.	15.00	7.08	1.2	3.7	20.00	12.08	7.08	1.9	5.7
M4- 7.0	6.00- 7.00	5-Rad.	16.00	7.08	1.3	3.8	21.00	12.08	7.08	1.9	5.8
M5- 2.0	0.25- 2.00	Blank	14.50	10.09	2.2	6.6	20.00	15.60	9.09	3.0	9.3
M5- 3.5	2.00- 3.50	1-Rad.	16.00	10.09	2.3	6.9	21.50	15.60	9.09	3.2	9.6
M5- 5.0	3.50- 5.00	2-Rad.	17.50	10.09	2.4	7.2	23.00	15.60	9.09	3.2	9.9
M5- 6.5	5.00- 6.50	3-Rad.	19.00	10.09	2.5	7.5	24.50	15.60	9.09	3.4	10.3
M5- 8.0	6.50- 8.00	4-Rad.	20.50	10.09	2.6	7.9	26.00	15.60	9.09	3.5	10.6
M5- 9.5	8.00- 9.50	5-Rad.	22.00	10.09	2.7	8.2	27.50	15.60	9.09	3.6	11.1
M6- 2.0	0.75- 2.00	Blank	15.50	10.58	3.4	10.3	23.00	18.07	10.58	5.1	15.5
M6- 3.5	2.00- 3.50	1-Rad.	17.00	10.58	3.5	10.7	24.50	18.07	10.58	5.3	16.0
M6- 5.0	3.50- 5.00	2-Rad.	18.50	10.58	3.7	11.2	26.00	18.07	10.58	5.4	16.5
M6- 6.5	5.00- 6.50	3-Rad.	20.00	10.58	3.8	11.7	27.50	18.07	10.58	5.6	17.0
M6- 8.0	6.50- 8.00	4-Rad.	21.50	10.58	4.0	12.2	29.00	18.07	10.58	5.7	17.5
M6- 9.5	8.00- 9.50	5-Rad.	23.00	10.58	4.2	12.7	30.50	18.07	10.58	5.9	18.0
M7- 3.0	0.75- 3.00	Blank	17.00	11.09	4.0	12.3	24.00	18.10	11.09	5.7	17.2
M7- 5.0	3.00- 5.00	1-Rad.	19.00	11.09	4.4	13.5	26.00	18.10	11.09	6.1	18.6
M7- 7.0	5.00- 7.00	2-Rad.	21.00	11.09	4.8	14.5	28.00	18.10	11.09	6.3	19.3
M7- 9.0	7.00- 9.00	3-Rad.	23.00	11.09	5.0	15.2	30.00	18.10	11.09	6.6	20.0
M7-11.0	9.00-11.00	4-Rad.	25.00	11.09	5.2	16.0	32.00	18.10	11.09	6.9	20.9
M7-13.0	11.00-13.00	5-Rad.	27.00	11.09	5.5	16.8	34.00	18.10	11.09	7.1	21.7
M8- 3.0	1.00- 3.00	Blank	18.00	11.83	5.2	15.9	26.00	19.82	11.83	7.9	24.0
M8- 5.0	3.00- 5.00	1-Rad.	20.00	11.83	5.7	16.9	28.00	19.82	11.83	8.2	25.0
M8- 7.0	5.00- 7.00	2-Rad.	22.00	11.83	5.9	17.9	30.00	19.82	11.83	8.6	26.0
M8- 9.0	7.00- 9.00	3-Rad.	24.00	11.83	6.2	19.0	32.00	19.82	11.83	8.9	27.2
M8-11.0	9.00-11.00	4-Rad.	26.00	11.83	6.5	19.7	34.00	19.82	11.83	9.1	27.8
M8-13.0	11.00-13.00	5-Rad.	28.00	11.83	6.8	20.8	36.00	19.82	11.83	9.5	28.8
M10- 3.0	1.00- 3.00	Blank	20.00	13.20	8.0	24.5	29.00	22.18	13.20	12.2	37.3
M10- 5.5	3.00- 5.50	1-Rad.	22.50	13.20	8.5	25.9	31.50	22.18	13.20	12.6	38.4
M10- 8.0	5.50- 8.00	2-Rad.	25.00	13.20	8.9	27.0	34.00	22.18	13.20	13.1	39.8
M10-10.5	8.00-10.50	3-Rad.	27.50	13.20	9.3	28.4	36.50	22.18	13.20	13.4	41.0
M10-13.0	10.50-13.00	4-Rad.	30.00	13.20	9.7	29.6	39.00	22.18	13.20	13.8	42.1
M12- 3.0	1.00- 3.00	Blank	24.00	16.45	14.9	45.5	32.00	24.44	16.45	21.1	64.1
M12- 5.5	3.00- 5.50	1-Rad.	26.50	16.45	15.9	48.3	34.50	24.44	16.45	21.9	66.7
M12- 8.0	5.50- 8.00	2-Rad.	29.00	16.45	16.6	50.7	37.00	24.44	16.45	22.7	69.3
M12-10.5	8.00-10.50	3-Rad.	31.50	16.45	17.6	53.5	39.50	24.44	16.45	23.6	71.9
M12-13.0	10.50-13.00	4-Rad.	34.00	16.45	18.5	56.3	42.00	24.44	16.45	24.5	74.7

ALL DIMENSIONS ARE IN MILLIMETERS

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