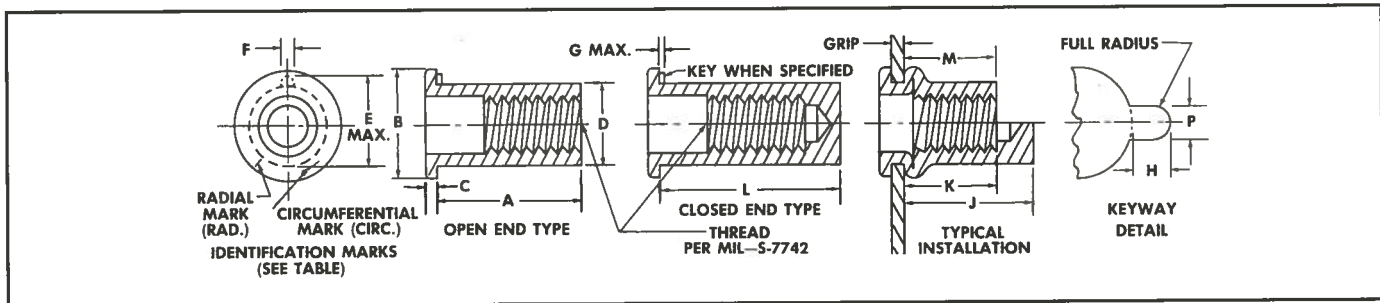


Flat head RIVNUT® fastener — Unified Thread System



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:

A25K80 = Aluminum alloy keyed open end 1/4-20 internal thread .020 to .080 grip range.

SS6KB200 = Corrosion resistant steel keyed closed end No. 6-32 internal thread .160 to .200 grip range.

Weights:

For Brass RIVNUTS multiply weight of aluminum RIVNUTS by 3.13. Weights for "CH" RIVNUTS (4037 steel) and "SS" RIVNUTS (Type 430 corrosion resistant steel) same as for "S" RIVNUTS.

First No. of Type No.	Thread Size*	B ±.015	C Nom.	D +.000 -.004	E Max.	F +.005 -.000	G Max.	Install Drill Size (Ref.)	Install Hole Size		Keyway Dimensions	
									Min.	Max.	P+.003 -.000	H
4	# 4-40 UNC-3B	.270	.025	.155	.198	.054	.023	5/32	.156	.158	.062	.046-.048
6	# 6-32 UNC-3B	.325	.032	.189	.240	.054	.023	# 12	.190	.193	.062	.056-.058
8	# 8-32 UNC-3B	.357	.032	.221	.271	.054	.023	# 2	.222	.226	.062	.056-.058
10	#10-32 UNF-3B	.406	.038	.250	.302	.054	.023	E	.251	.256	.062	.056-.058
25	1/4-20 UNC-3B	.475	.058	.332	.382	.054	.035	Q	.333	.338	.062	.056-.058
31	5/16-18 UNC-3B	.665	.062	.413	.505	.120	.040	Z	.414	.423	.128	.097-.102
37	3/8-16 UNC-3B	.781	.088	.490	.597	.120	.040	12.5 M M	.491	.500	.128	.110-.115
50	1/2-13 UNC-3B	.906	.085	.625	.733	.120	.040	5/8	.626	.635	.128	.110-.115

*Both UNC and UNF threads are available in No. 10 and larger thread sizes

† Additional Grip Ranges are available.

Type Number	Grip † Range	Ident. Mark	Open End Keyed and Keyless				Closed End Keyless				Closed End Keyed					
			A ±.015	M Ret.	Wt. (Lbs./1000)		L ±.015	J Ret.	K Ref.	Wt. (Lbs./1000)		L ±.015	J Ref.	K Ret.	Wt. (Lbs./1000)	
					Alum.	Steel				Alum.	Steel				Alum.	Steel
4- 60	.010-.060	Blank	.345	.230	.4	1.3	.500	.385	.230	.6	1.9	.500	.385	.230	.6	1.9
4- 85	.060-.085	1-Rad.	.370	.230	.4	1.4	.525	.385	.230	.7	2.0	.525	.385	.230	.7	2.0
4-110	.085-.110	2-Rad.	.400	.230	.5	1.4	.555	.390	.230	.7	2.0	.555	.390	.230	.7	2.0
4-135	.110-.135	3-Rad.	.425	.230	.5	1.5	.580	.385	.230	.7	2.1	.580	.385	.230	.7	2.1
4-160	.135-.160	4-Rad.	.450	.230	.5	1.5	.605	.385	.230	.7	2.1	.605	.385	.230	.7	2.1
4-185	.160-.185	5-Rad.	.480	.230	.5	1.6	.635	.385	.230	.7	2.2	.635	.385	.230	.7	2.2
6- 75	.010-.075	1-Rad.	.438	.300	.8	2.4	.625	.490	.305	1.2	3.5	.750	.615	.405	1.4	4.1
6-120	.075-.120	3-Rad.	.500	.315	.9	2.6	.625	.440	.255	1.1	3.4	.750	.565	.355	1.3	4.0
6-160	.120-.160	5-Rad.	.500	.270	.9	2.6	.750	.520	.260	1.3	4.0	.750	.520	.310	1.3	4.0
6-200	.160-.200	1-Circ.	.562	.290	.9	2.8	.750	.480	.260	1.3	3.9	.750	.480	.260	1.3	3.9
6-240	.200-.240	2-Circ.	.625	.310	1.0	3.0	.750	.435	.260	1.3	3.8	.750	.435	.260	1.3	3.8
6-280	.240-.280	3-Circ.	.687	.330	1.1	3.3	.812	.455	.265	1.3	4.1	.812	.455	.265	1.3	4.1
8- 75	.010-.075	1-Rad.	.438	.300	1.0	3.0	.625	.490	.305	1.5	4.5	.750	.615	.405	1.7	5.3
8-120	.075-.120	3-Rad.	.500	.315	1.1	3.3	.625	.440	.255	1.4	4.4	.750	.565	.355	1.7	5.2
8-160	.120-.160	5-Rad.	.500	.270	1.1	3.2	.750	.520	.260	1.7	5.1	.750	.520	.310	1.7	5.1
8-200	.160-.200	1-Circ.	.625	.350	1.3	3.9	.750	.475	.265	1.6	5.0	.750	.475	.265	1.6	5.0
8-240	.200-.240	2-Circ.	.625	.305	1.2	3.8	.875	.555	.310	1.9	5.6	.875	.555	.310	1.9	5.6
8-280	.240-.280	3-Circ.	.687	.340	1.3	4.1	.875	.530	.290	1.8	5.6	.875	.530	.290	1.8	5.6
10- 80	.010-.080	Blank	.531	.380	1.5	4.5	.781	.630	.380	2.3	6.8	.781	.630	.380	2.3	6.8
10-130	.080-.130	1-Rad.	.594	.390	1.6	4.9	.843	.640	.390	2.4	7.2	.843	.640	.390	2.4	7.2
10-180	.130-.180	2-Rad.	.641	.390	1.7	5.1	.891	.640	.390	2.4	7.4	.891	.640	.390	2.4	7.4
10-230	.180-.230	3-Rad.	.703	.395	1.8	5.4	.953	.645	.395	2.6	7.8	.953	.645	.395	2.6	7.8
10-280	.230-.280	4-Rad.	.750	.395	1.9	5.7	1.000	.645	.395	2.6	8.0	1.000	.645	.395	2.6	8.0
10-330	.280-.330	5-Rad.	.797	.385	1.9	5.9	1.047	.630	.385	2.7	8.2	1.047	.630	.385	2.7	8.2
25- 80	.020-.080	Blank	.625	.450	3.2	9.7	.937	.760	.440	4.9	15.1	.937	.760	.440	5.0	15.1
25-140	.080-.140	1-Rad.	.687	.450	3.4	10.3	1.000	.760	.440	5.1	15.7	1.000	.760	.440	5.1	15.7
25-200	.140-.200	2-Rad.	.750	.450	3.6	10.9	1.062	.760	.440	5.3	16.2	1.062	.760	.440	5.3	16.3
25-260	.200-.260	3-Rad.	.812	.445	3.8	11.5	1.125	.755	.445	5.5	16.8	1.125	.755	.445	5.5	16.8
25-320	.260-.320	4-Rad.	.875	.445	4.0	12.0	1.187	.755	.445	5.7	17.4	1.187	.755	.445	5.7	17.4
25-380	.320-.380	5-Rad.	.937	.445	4.1	12.6	1.250	.755	.445	5.9	18.0	1.250	.755	.445	5.9	18.0
31-125	.030-.125	Blank	.750	.505	6.0	18.2	1.187	.940	.550	9.6	29.1	1.187	.940	.550	9.6	29.2
31-200	.125-.200	1-Rad.	.875	.555	6.7	20.3	1.281	.960	.555	10.1	30.6	1.281	.960	.555	10.1	30.7
31-275	.200-.275	2-Rad.	.937	.540	6.9	21.1	1.343	.950	.560	10.3	31.4	1.343	.950	.560	10.3	31.5
31-350	.275-.350	3-Rad.	1.032	.560	7.4	22.6	1.437	.965	.570	10.8	32.9	1.437	.965	.570	10.8	32.9
31-425	.350-.425	4-Rad.	1.125	.580	7.9	24.0	1.531	.985	.575	11.3	34.3	1.531	.985	.575	11.3	34.4
31-500	.425-.500	5-Rad.	1.187	.565	8.2	24.9	1.593	.975	.580	11.5	35.1	1.593	.975	.580	11.6	35.2
37-115	.030-.115	Blank	.844	.585	9.7	29.7	1.281	1.020	.660	14.8	45.0	1.281	1.020	.660	14.8	45.1
37-200	.115-.200	1-Rad.	.938	.595	10.3	31.4	1.375	1.030	.670	15.4	46.8	1.375	1.030	.670	15.4	46.9
37-285	.200-.285	2-Rad.	1.031	.605	10.9	33.2	1.468	1.040	.680	15.9	48.5	1.468	1.040	.680	16.0	48.6
37-370	.285-.370	3-Rad.	1.125	.615	11.5	34.9	1.562	1.050	.690	16.5	50.3	1.562	1.050	.690	16.5	50.4
37-455	.370-.455	4-Rad.	1.218	.630	12.0	36.7	1.656	1.065	.710	17.1	52.1	1.656	1.065	.710	17.1	52.2
37-540	.455-.540	5-Rad.	1.312	.635	12.6	38.5	1.750	1.075	.715	17.7	53.8	1.750	1.075	.715	17.7	53.9
**50-150	.050-.150	Blank	.906	.605	14.0	42.6	1.328	1.030	.605	21.9	66.6	1.328	1.030	.605	21.9	66.6
50-250	.150-.250	1-Rad.	1.031	.630	15.2	46.3	1.453	1.055	.630	23.1	70.3	1.453	1.055	.630	23.1	70.3
50-350	.250-.350	2-Rad.	1.141	.640	16.2	49.2	1.562	1.060	.640	24.0	73.2	1.562	1.060	.640	24.0	73.2
50-450	.350-.450	3-Rad.	1.250	.650	17.1	52.2	1.671	1.070	.650	25.0	76.1	1.671	1.070	.650	25.0	76.1

**NOTE: The 1/2" thread size RIVNUTS listed here are of new design and replace type numbers shown in previous issues. Old design still available on special request. Check with RIVNUT Engineered Products or representative for availability of other grip ranges and designs.