

Hole Series Performance Data*

Internal Thread Size		Effective Shear Area	Pull-Out Resistance (lb)			Tensile Strength (lb) of 160,000 PSI Heat-Treated Cap Screw	
			Phenolic	380 Die Cast Aluminum	2024 T4 Wrought Aluminum		
<i>(in)</i>	<i>(metric)</i>	<i>(in)²</i>	<i>(9,500 PSI Shear)</i>	<i>(26,000 PSI Shear)</i>	<i>(40,000 PSI Shear)</i>	<i>(in)</i>	<i>(metric)</i>
2	2	.040	380	1040	1600	-	510
4	3	.060	570	1560	2400	910	1250
6	3.5	.090	860	2340	3600	1370	1680
8	4	.130	1290	3380	5200	2120	2180
10	5	.170	1620	4420	6800	2825	3520
1/4	6	.270	2570	7020	10800	4800	4980
5/16	8	.410	3900	10660	16400	7900	9080
3/8	10	.610	5700	15860	24400	11700	14320
7/16	-	.780	7410	20280	31200	16050	-
1/2	12	1.040	9880	27040	41600	21550	20910
9/16	14	1.230	11590	31720	48800	27200	28520
5/8	16	1.610	15300	41860	64400	34200	38940
3/4	18	2.360	22420	61360	94400	50500	-

*Representative performance data for regular length. Preproduction prototype testing recommended for your application.