

304 STAINLESS STEEL DRILL SCREWS



Triangle Fastener offers a full line of fasteners manufactured from 304 stainless steel. The fastener head and threads are produced from corrosion resistant stainless steel producing exceptional corrosion protection and superior ductility. A carbon steel drill point is hardened and welded to the body allowing the fastener to drill and tap in steel up to 1/2" thick!

SIZES AND PERFORMANCE SPECIFICATIONS

	ECP Catalog No.†	Size	L Length	Drive System	Point Size	Max. Drilling Cap.	B Maximum Load-bearing Length*	Pieces per 1/4 Keg†	Job Pack: Pieces per Box†
Hex Washer Head									
	EAJ110	10-16	3/4"	5/16" hex	2	.110"	0.320"	6000	250
	EAJ185		1"				0.500"	4000	150
	EAJ215	12-14	1-1/2"		2	.140"	1.00"	2500	125
	EAJ240		2"				1.500"	2000	75
	EAJ190		1"		3	.210"	0.500"	4000	150
	EAJ220	12-14	1-1/2"				1.00"	2500	125
	EAJ260		2-1/2"	2.00"			1500	50	
	EAJ340	12-24	2"	5	.500"	1.100"	2000	75	
	EAJ415		1"			0.500"	3000	125	
	EAJ430	1/4-14	1-1/2"	3/8" hex	2	.175"	1.00"	2000	75
	EAJ445		2"				1.500"	1500	50
	EAJ540		1"		3	.312"	0.500"	2500	125
	EAJ580	1/4-20	1-1/2"				1.00"	2000	75
	EAJ610		2"		1.500"	1500	50		
	EAJ640		2-1/2"		2.00"	1000	50		
EAJ615	1/4-20	2"	5	.500"	1.100"	1500	50		

Flat Head Reamers w/wings

	ECP Catalog No.	Size	L Length	Drive System	Point Size	Max. Drilling Cap.	B Maximum Load-bearing Length*	Pieces per 1/4 Keg†	Job Pack: Pieces per Box†
	EBN140	10-16	1-1/2"	#2 phillips	3	.140"	0.800"	3500	125
	EBN345	12-24	2-13/16"	#3 phillips	5	.500"	1.710"	1500	50
	EBN645	1/4-20	2-13/16"				1.710"	1000	50

Flat Head Undercut

	ECP Catalog No.	Size	L Length	Drive System	Point Size	Max. Drilling Cap.	B Maximum Load-bearing Length*	Pieces per 1/4 Keg†	Job Pack: Pieces per Box†
	EBN200	12-14	1"	#3 phillips	2	.140"	0.500"	4000	150
	EBN240		1-1/2"				1.00"	2500	125

Performance Data

Pull-Out Values

Screw Size	Drill Point Type	Drill Cap (in.)	Pull-Out (Lbs)								
			Steel RB60-75 50 – 66KSI						Aluminum 6063-T5 22KSI		
			18 ga.	16 ga.	14 ga.	12 ga.	1/8"	3/16"	1/4"	1/8"	1/4"
10-16	2	0.150	455	677	793	1394	1906	–	–	994	–
10-16	3	0.187	–	616	684	1242	1605	1527	–	961	–
12-14	2	0.187	528	750	892	1536	2602	2514	–	1132	–
12-14	3	0.210	417	679	802	1371	2028	2499	–	974	–
12-24	5	0.500	–	–	–	–	–	2110	2781	538	1995
1/4-14	2	0.210	619	885	1082	1830	2943	3535	–	1310	–
1/4-20	3	0.375	–	680	780	1442	2623	3684	4069	1037	2786
1/4-20	5	0.500	–	–	–	–	–	–	–	2622	1724

Ultimate Strengths**

Size	Tensile (Lbs)	Shear Average Lbs Ultimate
10-16	1847	1282
12-14	2628	1950
12-24	2734	2284
1/4-14	3459	2676
1/4-20	4124	2860

** Values are for 300 series stainless fastener threaded shank