



DMI TEKS™ WOOD TO METAL SELF DRILLING

TEKS™ wood to metal self drilling fasteners require no pre-drilling; the fastest, most efficient way to attach wood to steel. Compatible with ACQ treated wood thanks to the Gray Spex™ anti corrosion coating. Special winged fasteners ream a hole in wood preventing thread engagement and overheating during drilling. Head styles are designed to counter sink into wood to leave a flat surface after installation. Bulk, full box orders only.



Available Sizes	Qty/Box	Part#
#10 x 1" wh TEK3	2,500	DMI1565500
#10x1-13/16" TEK3	2,500	DMI1791000
#10 x 3/4" TEK3	8,000	DMI1077000
#10 x 1-1/2" TEK3	5,000	DMI1548500
#10 x 1-7/16" TEK3	3,000	DMI1082000
#12x1-5/8" WTEK4	2,500	DMI1552500
#12x2-1/4" WTEK4	2,000	DMI1092000
#12x2-3/4" WTEK4	1,500	DMI1094000
#14 x 3" WTEK4	1,000	DMI1096000

Performance Data

PULLOUT VALUES (average lbs. ultimate)											
Fastener	Steel Gauge										
Dia.	Pt.	26	24	22	20	18	16	14	12	3/16	1/4
#10-16	3	-	208	266	299	499	708	967	1474	-	-
#10-24	3	-	-	-	334	495	702	900	1570	3865	4101
#12	4	-	-	-	-	-	-	-	1508	4297	-
1/4	4	-	-	-	-	-	-	-	1803	-	-

SHEET STEEL GAUGES								
Gauge No.	12	14	16	18	20	22	24	26
Decimal Equivalent	.105"	.075"	.060"	.048"	.036"	.030"	.024"	.018"

The values listed are ultimate averages achieved under laboratory conditions and apply to Buildex manufactured fasteners only. Appropriate safety factors should be applied to these values for design purposes.

FASTENER VALUES			
Fastener (dia-tpi)	Tensile (lbs. min.)	Shear (avg. lbs. ult.)	Torque (min. in. lbs.)
10-16	1936	1400	61
10-24	2702	1500	65
12-24	3165	2200	150
1/4-20	3860	2700	168

SHEAR VALUES (average lbs. ultimate)							
Fastener	Steel Gauge (lapped)						
Dia.	Pt.	20	18	16	14	12	1/8
#10	3	728	1266	1540	1522	-	-
#12	4	-	-	-	-	2048	2030
1/4	4	-	-	-	-	2650	2820

Installation Guidelines

- A standard screwgun with a depth sensitive nosepiece should be used to install Tekes. For optimal fastener performance, the screwgun should be a minimum of 6 amps and have an RPM range of 0-2500.
- Adjust the screwgun nosepiece to properly seat the fastener.
- Worn or damaged bit tip should be replaced.
- The fastener is fully seated when the head is flush with the work surface.
- Overdriving may result in torsional failure of the fastener or stripout of the substrate.
- The fastener must penetrate beyond the metal structure a minimum of 3 pitches of thread.
- All #10 diameter "Winged" parts must be driven into a minimum of 16 GA steel thickness.
- All 1/4 and #12 diameter "Winged" parts must be driven into a minimum of 1/8" steel in order to break the wings consistently.

TO FIND A DISTRIBUTOR CALL 855-800-8878

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