

Elco Drill Screws for Heavy Duty Applications



Fastening Capability: 1/2" (.500") – Designed to drill and tap 1/2" steel in 20 seconds or less with 60 lbs. of end load
 Finish(s): Silver Stalgard® Coating
 Drive/Head Style: 5/16" Hex washer Head
 Origin: Manufactured by Elco Construction Products, Rockford, IL
 Complies with the "Buy America Act"

Catalog Numbers

#12 Diameter Decking Fasteners and Drill Screws for Thicknesses of .175" to .500"						
Part#	Description	Ctn Qty	Point	Finish	Wgt/Ctn	
EDC801	12-24 x 7/8	4,500	#4	Stalgard	43	
EHL351	12-24 x 7/8 w/Bonded	4,500	#4	Stalgard	44	
EDC816	12-24 x 1 1/4	3,500	#4.5	Stalgard	44	
EHL371	12-24 x 1 1/4 w/Bonded	3,500	#4.5	Stalgard	45	
EDC836	12-24 x 1 1/4	4,000	#5	Stalgard	49	
ECC720	12-24 x 1 1/4	4,000	#5 Drilltite	Stalgard	49	
EHL411	12-24 x 1 1/4 w/bonded	2,500	#5	Stalgard	36	
EDC846	12-24 x 1 1/2	2,500	#4.5	Stalgard	33	
EHL431	12-24 x 1 1/2 w/Bonded	2,500	#4.5	Stalgard	34	
EDC861	12-24 x 1 1/2	2,500	#5	Stalgard	36	
ECC740	12-24 x 1 1/2	2,500	#5 Drilltite	Stalgard	36	
EHL446	12-24 x 1 1/2 w/bonded	2,000	#5	Stalgard	37	
EDC881	12-24 x 2	2,000	#5	Stalgard	30	
EHL466	12-24 x 2 W/bonded	1,500	#5	Stalgard	28	
EDC901	12-24 x 3	1,000	#5	Stalgard	25	
EHL486	12-24 x 3 w/bonded	1,000	#5	Stalgard	26	
#1/4 Diameter Decking Fasteners for Thicknesses of .175" to .500"						
EFC886	1/4-14 x 5"	500	#5	Stalgard		
EFC896	1/4-14 x 6"	500	#5	Stalgard		

Performance Data (Ultimate Strengths)

Minimal Torsional Strength (Inch-Pounds)	Minimal Tensile Strength (Pounds)	Shear Strength (Pounds)
100	3250	2175

Pull-out Values (Average Lbs. Ultimate)			Stalgard Corrosion Resistance
Steel Thickness (Inches)			
.187	.250	.500	- Salt Spray Test Results (ASTM B117) 800 Hours - No sign of red rust
2813	3327 *	3327 *	

* Shank of fastener failed in tension

Installation Guidelines:

- A standard screwgun with a depth sensitive nosepiece should be used to install the #5 pt. self-drilling screw. For optimal fastener performance, a *minimum* 4.5 to 5.0 amp tool with a drive speed of 1800 to 2,000 rpm is recommended.
- Proper adjustment of the nose piece is required for the correct seating of the fastener.

Warning: These hardened steel fasteners meet or exceed industry standards. However, like all case hardened fasteners, regardless of manufacturer, they are not recommended for use with aluminum when moisture may be present. For alternatives such as Dril-Flex®, contact Elco at 800.435.7213.

Elco Construction Products
 5110 Falcon Road
 Rockford, Illinois 61109
www.elcoconstruction.com

Stalgard and Dril-It are registered trademarks of Acument Intellectual Properties, LLC
 Phone: 800.435.7213 Fax: 815.397.8986

Revised 1-5-07