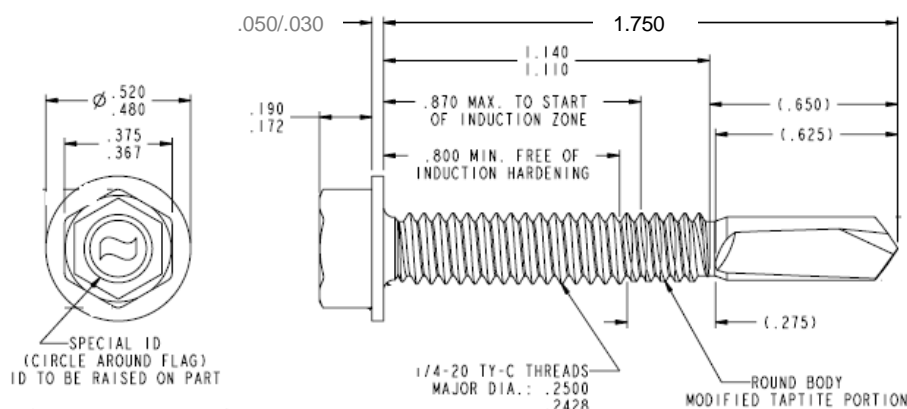


# Elco® Dril-Flex® Technical Sheet

## Elco Catalog No. EAF888

<b>Description</b>	<b>1/4-20 x 1 3/4" Hex Washer Head #5 point DrilFlex® Grade 5 Dual Hardened Structural Self-Drilling Screw</b>
<b>Material:</b>	<b>Special Steel Alloy</b>
<b>Heat Treatment:</b>	<b>Flex Technology® - Fasteners have dual hardness zones; the fastener is neutral hardened to Rc 28- 34 (Grade 5), then the drill point and lead threads are selectively hardened to a higher hardness level for drilling and tapping.</b>
<b>Load Bearing area:</b>	<b>.800"</b>
<b>Diameter:</b>	<b>1/4" (.240/248")</b>
<b>Point Style:</b>	<b>#5 Point</b>
<b>Drilling/Fastening Capability:</b>	<b>.500"</b>
<b>Finish:</b>	<b>Silver Stalgard®</b>
<b>Drive/Head Style:</b>	<b>3/8" Hex Washer Head</b>
<b>Head Marking:</b>	<b>Elco logo within raised circle</b>
<b>Benefit:</b>	<b>DrilFlex offers outstanding resistance to hydrogen-assisted embrittlement failure which can be a result of a galvanic reaction between two dis-similar metals in the presence of water.</b>



### Performance Data - Average Lbs. Ultimate

#### Pull-Out/Steel

16	14	12	1/8"	.187"	.250"	.312"
516	649	1912	2296	2928	3561	4488

#### Shear/Steel-steel

18-18 ga.	18-14	16-16	14-14	.125-.187"	.187-.250"	.250-12 ga
1350	2086	1582	2450	2814	2810	2706

#### Pull-out/Aluminum 6063 T-5

#### Shear/Aluminum 6063 T5

.125"	.250"	.375"	.125"/.125"	.125"/.250"
897	2075	3683	2006	2926

### Corrosion Resistance

Silver Stalgard is an entirely chrome-free process that combines an inorganic zinc-rich basecoat with an aluminum-pigmented organic topcoat. The basecoat provides sacrificial protection of the steel substrate while the thermosetting topcoat creates a durable barrier. This duplex process offers advantages of both sacrificial and barrier corrosion protection to provide exceptional corrosion resistance. Per ASTM B117 – 800 hours without red rust

**Installation Recommendations:** For best results, install at 1,800 RPMs using a torque sensitive or de-clutching screw-gun. The DeWalt DW267 is a suggested tool for use.