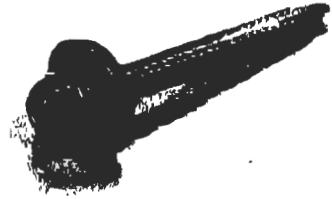




WE ANCHOR THE WORLD



**Technical Data Sheet**  
**Typical Performance Parameters**

**Item: Self Drilling / Self Tapping Polymer Coated Tek Screw**  
*Neoprene sealing washer available.*  
**Standard Sizes: 1-1/2" - 5" long**

<b>Chemical Identification</b>	<b>Organometallic Polymer</b>
<b>Color</b>	<b>Silver/Metallic Gray</b>
<b>Cure</b>	<b>Thermoset</b>
<b>Filler:</b>	<b>Coated Metal Powder</b>
<b>Typical Film Properties:</b>	
<b>Humidity Resistance</b>	<b>Excellent</b>
<b>Solvent Resistance</b>	<b>Excellent</b>
<b>Impact Resistance</b>	<b>Excellent</b>
<b>UV Resistance</b>	<b>Excellent</b>
<b>Heat Resistance</b>	<b>To 400° F</b>
<b>Cold Temperature Resistance</b>	<b>To -50° F</b>
<b>Fastener(s)</b>	<b>Various</b>
<b>Base Treatment</b>	<b>.0008" Mechanical Zinc</b>
<b>Film Thickness:</b>	<b>.0008" ± .0002"</b>
	<b>.0015" average</b>
<b>Test Method:</b>	
<b>Material: ASTM C954</b>	
<b>Finish: Salt Spray, ASTM. B117</b>	<b>1,000 hrs minimum</b>
	<b>No sign of rust</b>
<b>Pull-out Values (avg. lbs. ult.)</b>	
<b>20 ga.</b>	<b>321 lbs.</b>
<b>18 ga.</b>	<b>537 lbs.</b>
<b>16 ga.</b>	<b>701 lbs.</b>
<b>14 ga.</b>	<b>981 lbs.</b>
<b>12 ga.</b>	<b>1802 lbs.</b>
<b>Tensile (min.)</b>	<b>2100 lbs.</b>
<b>Shear (avg. lbs. ult.)</b>	<b>1400 lbs.</b>



# HOHMANN & BARNARD, INC.

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BRANCH OFFICES: ALABAMA - ILLINOIS - MARYLAND - TEXAS

## Drilling / torque inspection record

Order no : J041338

Item : self drilling tek screw

Specification : #12x2", 3", 4" 304 St/St Premium Screw

Testing date : 2006/5/25



Drilling / Torque standard				Drilling / Torque result			
Steel sheet thickness	3 mm	Load	25 Kg	Slow drilling speed	0 Pcs	Torque fail	0 Pcs
Drilling time	6.5 Sec	Drilling quantity	25 Pcs	Not drilling	0 Pcs	Break down	0 Pcs
Drilling speed	1800~2500 rpm						
Torque	105 Kg-cm	Torque quantity	5 Pcs	Average time	3.2 Sec		
Result	<b>Qualified</b>						

Drilling test									
1	2	3	4	5	6	7	8	9	10
2.8	2.7	1.9	3.3	2.5	3.9	2.5	4.7	3.5	3.0
11	12	13	14	15	16	17	18	19	20
3.3	3.5	3.7	3.9	3.6	2.7	3.4	2.4	2.5	5.5
21	22	23	24	25	26	27	28	29	30
4.9	1.8	2.7	2.5	2.5					
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
torque test									
1	2	3	4	5	6	7	8	9	10
112	115	111	117	118					

**The torque values for references only**

Pull Out Values	18 ga Stud	16 ga Stud
	Avg. 641 lbs	Avg. 899 lbs

## Self-Drilling Self Tapping Screws

### **Self-Drilling Self Tapping Screws**

- Standard size #10 – 16 x 1 1/2" Hex Washer Head.  
(suitable for up to 5/8" sheathing).  
Other sizes available.
- Zinc plated, polymer coated, or Type 410  
stainless steel.
- Neoprene sealing washer available.



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