

# TECHNICAL INFORMATION



## Self-Drilling Fasteners

**Nu-Vue Item Number:** **N010004 (10-16 x 3/4")**  
**N010006 (12-14 x 3/4")**  
**N010008 (12-14 x 1")**  
**N0100010 (12-14 x 1 1/2")**

### Product Features:

- Higher hex provides positive socket engagement.
- Indented flat-top design stabilizes socket during installation.
- Special undercut entraps sealant, even when driven at extreme angles.
- Long-life coated for added corrosion protection.

### Applications:

- Roof panel to purlin and wall panel to girt.
- Stitching roof, wall, fascia, eave panels or gutter straps.
- Roof and wall panel or accessories over blanket insulation to steel framing.

### Installation Guidelines:

- A standard screwgun with a depth sensitive nosepiece should be used to install Tek's. 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.
- New magnetic sockets must be correctly set before use.
- Remove chip build-up as needed.
- 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.

### Properly Seated Washers



### LEED INFORMATION:

Stocking Locations: Guaynabo, P.R.  
 Mayaguez, P.R.

**Guaynabo**  
 Ave. B, Lotes 26/27  
 Urb. Ind. Los Frailes  
 Guaynabo, P.R. 00969  
 (787) 720-0442 • Fax: (787) 790-6918

**Mayaguez**  
 Calle Concordia # 225  
 Sector El Seco  
 Mayaguez, P.R. 00680  
 (787) 265-1190 • Fax: (787) 265-1125



## PRODUCT DATA

Item ID	Description	Head Style	Drill Point	Drill & Tap Capacity	Max Material Attachment	Box Qty
N010004	10-16 x 3/4"	HWH	#3	.036-.175	.325	2,500
N010006	12-14 x 3/4"	HWH	#3	.036-.210	.260	2,500
N100008	12-14 x 1"	HWH	#3	.036-.210	.490	2,500
N0100010	12-14 x 1 1/2"	HWH	#3	.036-.210	.790	2,000

### PULLOUT VALUES (average lbs. ultimate)

Fastener		Steel Gauge								
Dia.	Pt.	26	24	22	20	18	16	14	12	3/16
10	3	124	208	266	299	499	708	967	1474	-
12	3	142	211	289	341	551	757	1063	1631	2998

### FASTENER VALUES

Fastener (dia-tpi)	Tensile (lbs. min.)	Shear (avg. lbs. ult.)	Torque (min. in. lbs.)
10-16	1936	1400	61
12-14	2778	2000	92

### SHEAR VALUES (average lbs. ultimate)

Fastener		Steel Gauge (lapped)							
Dia.	Pt.	26	24	22	20	18	16	14	12
10	3	-	445	526	728	1266	1540	1552	-
12	3	-	-	-	769	1358	1620	1970	1986

### SHEET STEEL GAUGES

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

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