



Albany Steel & Brass Corporation

Distributors of Fasteners and  
Industrial / Construction Supplies Since 1918

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ISO 9001-2008

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**STRONG-POINT**<sup>®</sup>

Get the Point. Strong-Point.

**Submittal:** SD4SWH1212BS



**STRONG-POINT<sup>®</sup> 410 STAINLESS STEEL UNSLOTTED INDENTED HEX WASHER HEAD, PASSIVATED & WAXED W/BONDED NEO-EPDM WASHER**

| Size          | Part#   | Pt. | Case Qty. | Description   |
|---------------|---------|-----|-----------|---|
| 12-14 x 3/4   | 4HA1212 | 3   | 3M        | Unslotted Indented Hex Washer Head, Passivated & Waxed w/Bonded NEO-EPDM Washer |
| 12-14 x 1     | 4HA1216 | 3   | 3M        | Unslotted Indented Hex Washer Head, Passivated & Waxed w/Bonded NEO-EPDM Washer |
| 12-14 x 1-1/4 | 4HA1220 | 3   | 2.5M      | Unslotted Indented Hex Washer Head, Passivated & Waxed w/Bonded NEO-EPDM Washer |
| 12-14 x 1-1/2 | 4HA1224 | 3   | 2.5M      | Unslotted Indented Hex Washer Head, Passivated & Waxed w/Bonded NEO-EPDM Washer |
| 12-14 x 2     | 4HA1232 | 3   | 1.5M      | Unslotted Indented Hex Washer Head, Passivated & Waxed w/Bonded NEO-EPDM Washer |
| 12-14 x 2-1/2 | 4HA1240 | 3   | 1M        | Unslotted Indented Hex Washer Head, Passivated & Waxed w/Bonded NEO-EPDM Washer |

Application: Attaches metal to metal.  
Drill Capacity (in.): .035 - .210

Specifications:

- Manufactured to SAE<sup>1</sup> J78 for dimensional specifications
- Meets F.I.P.<sup>2</sup>-1000.7 for torsional strength and drill speed
- Medium degree of corrosion resistance

Installation: A 5/16" hex nut setter or 5/16" drive socket with torque limiting nose piece set at a maximum of 2000 RPM drive speed recommended. Do not over torque as it can cause the head to snap or stripping of the threads. Installed fasteners must penetrate a minimum of three full threads beyond the metal structure.

| Pullout Values (Avg. Lbs.) |     |             |     |     |     |      |      |      |      |
|----------------------------|-----|-------------|-----|-----|-----|------|------|------|------|
| Fastener                   |     | Steel Gauge |     |     |     |      |      |      |      |
| Size                       | Pt. | 22          | 20  | 18  | 16  | 14   | 12   | 1/8  | 3/16 |
| 12-14                      | 3   | 283         | 333 | 537 | 737 | 1034 | 1585 | 2349 | 2911 |

| Shear Values (Avg. Lbs.) |     |                      |     |      |      |      |      |     |      |
|--------------------------|-----|----------------------|-----|------|------|------|------|-----|------|
| Fastener                 |     | Steel Gauge (Lapped) |     |      |      |      |      |     |      |
| Size                     | Pt. | 22                   | 20  | 18   | 16   | 14   | 12   | 1/8 | 3/16 |
| 12-14                    | 3   |                      | 749 | 1320 | 1574 | 1914 | 1929 |     |      |

The values listed are averages achieved under laboratory conditions and imply no warranty. Appropriate safety factors should be applied to these values for design purposes.

<sup>1</sup>(Society of Automotive Engineers)

<sup>2</sup>(Fastener Inspection Products)

4HA1212\_4HA1240\_Rev. A (7/7/15)

|              |              |              |              |              |              |              |              |              |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
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