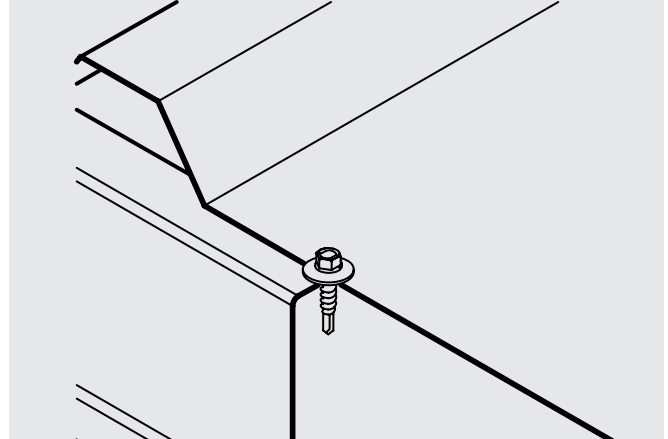


# #8-18 Impax Utility SD2 Metal to Metal Fastener



## Features and Benefits

- Precision cold forged point assuring superior strength and the fastest drilling time performance
- Designed to have low driving and thread engagement torque and provide maximum clamp load
- Available with no sealing washer or with bond seal washer

## Application

Metal panel to light gauge metal application

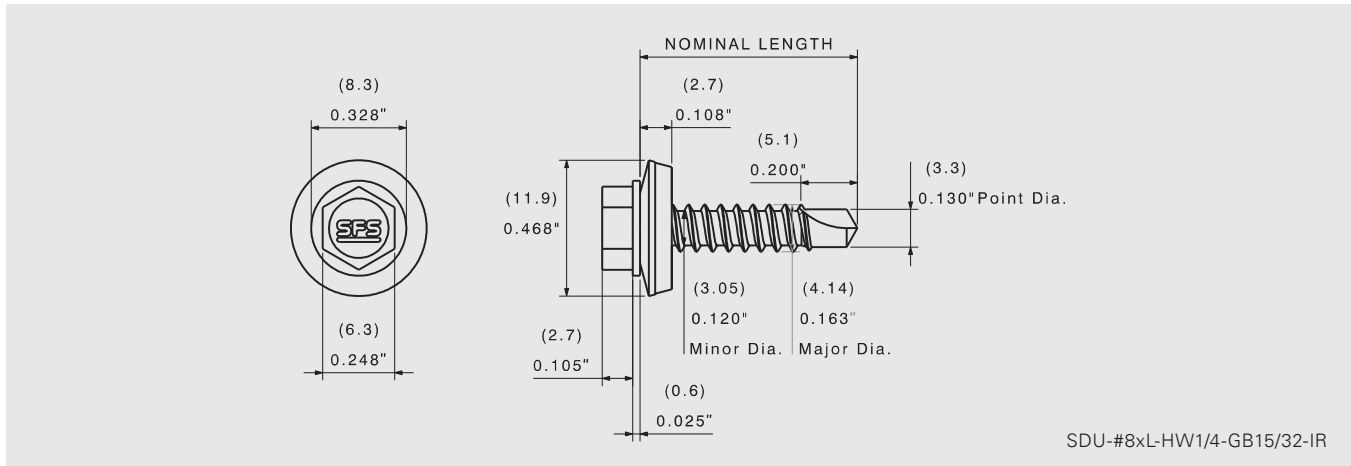
## Product Selection

| Material No. | Fastener Length |      | Thread Length* | Load Bearing Length |      | Description              | Carton Wt. (lbs.) | Carton Qty. |
|--------------|-----------------|------|----------------|---------------------|------|--------------------------|-------------------|-------------|
|              | (in)            | (mm) |                | (in)                | (mm) |                          |                   |             |
| 1333752      | 1/2"            | 13   | Full           | 0.13"               | 3    | SDU-#8×1/2-HW1/4-GB15/32 | 40                | 10,000      |
| 793121       | 3/4"            | 19   | Full           | 0.38"               | 9    | SDU-#8×3/4-HW1/4-GB15/32 | 45                | 5,000       |

Plain product bulk carton packed, unless otherwise noted.

\*Note – Thread length measured from end of pilot length to top of the threads.

# #8-18 Impax Utility SD2 Metal to Metal Fastener



## Product Specifications

|                   |                                                |                   |                                   |
|-------------------|------------------------------------------------|-------------------|-----------------------------------|
| Diameter:         | #8 (4.4 mm)                                    | Drill Point:      | SD2                               |
| Threads Per Inch: | 18                                             | Drill Capacity:   | 0.035"–0.100" (0.899 mm–2.540 mm) |
| Head Style:       | 1/4" dia. HWH AF (6.3 mm)                      | Thread Major Dia: | 0.163" (4.14 mm)                  |
| Washer:           | 15/32" galvanized and EPDM bond seal (11.9 mm) | Thread Minor Dia: | 0.120" (3.05 mm)                  |

## Performance Data<sup>1,2</sup>

### Material Strength

|           |                     |
|-----------|---------------------|
| Tensile   | 1575 lbf / 7009 N   |
| Shear     | 1035 lbf / 4606 N   |
| Torsional | 42 lbf-in / 4.7 N·m |

### Pull Out Strength Steel

|                       |                   |
|-----------------------|-------------------|
| <b>16 Ga (1.5 mm)</b> | 389 lbf / 1730 N  |
| <b>14 Ga (1.9 mm)</b> | 783 lbf / 3483 N  |
| <b>12 Ga (2.7 mm)</b> | 1084 lbf / 4822 N |

### Pull Over Strength Steel

|                        |                  |
|------------------------|------------------|
| <b>26 Ga (0.5 mm):</b> | 481 lbf / 2140 N |
| <b>24 Ga (0.6 mm):</b> | 668 lbf / 2971 N |
| <b>22 Ga (0.8 mm):</b> | 924 lbf / 4110 N |

<sup>1</sup> SFS 3957.05

<sup>2</sup> PLK 22417

## Installation and Application Considerations

Tools: 0–2000 rpm screw gun equipped with depth sensing nose piece.

Fastener length should provide for a minimum of 3/16" penetration of fully developed threads into metal substrate.

**Use of impact guns or hammer drills is not recommended.**