




# PRODUCT DATA

## Timber Type 17 Washer Head

### Self Drilling Timber Screw (SDS) #16-08

| Applications   |  |
|--|--|
| <ul style="list-style-type: none"> <li>For heavy duty timber fixing</li> <li>Ideal for construction of pergolas, retaining walls, fencing and gates</li> </ul> |  |

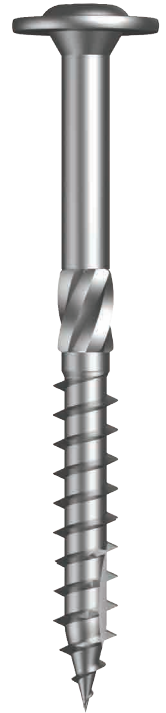
|                 |  |
|-----------------|--|
| <b>Material</b> |  C1022 Hardened |
|-----------------|--|

|               |  |
|---------------|--|
| <b>Finish</b> |  Class 3 |
|---------------|--|

| Pullout Values |                  |                        |                                  |                           |
|----------------|------------------|------------------------|----------------------------------|---------------------------|
| Plate Material | Timber Embedment | <sup>1</sup> Mean Load | <sup>2</sup> Characteristic Load | <sup>3</sup> Working Load |
|                | (mm)             | (N)                    | (N)                              | (N)                       |
| F7 Pine        | 35               | 6150                   | 4900                             | 1950                      |
| F27 Hardwood   | 35               | 9100                   | 8100                             | 3250                      |

| Mechanical Properties |                                    |                                  |  |  |
|-----------------------|------------------------------------|----------------------------------|--|--|
| Torsional Strength    | <sup>1</sup> Mean Tensile Strength | <sup>1</sup> Mean Shear Strength | <sup>2</sup> Characteristic Tensile Strength | <sup>2</sup> Characteristic Shear Strength |
| (Nm)                  | (N)                                | (N)                              | (N)  | (N)  |
| 9.4                   | 20400                              | 12250                            | 19150  | 11500                                      |

## 16 Gauge Washer Head iHex



# DECK<sup>®</sup> MASTER

# DRILLX<sup>®</sup>

Note: 1000N = 1kN

<sup>1</sup> Mean Load/Strength is the average ultimate strength of samples tested.

<sup>2</sup> Characteristic Load/Strength: 95% of these screws are expected to have a strength greater than the loads shown.

<sup>3</sup> Working Load is the governing minimum allowable load obtained by comparing relevant concrete and steel working loads. Factor of Safety (FOS=2.5 for steel, FOS=2.5 for timber and FOS=3.0 for concrete) are already included.

All values are obtained under laboratory conditions using DRILLX product. Safety factors should be considered for design purposes. Actual pullout loads may differ slightly depending on certain properties of the base material.

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Bolt Tension | Anti-Vibration | Product Reliability | Traceability

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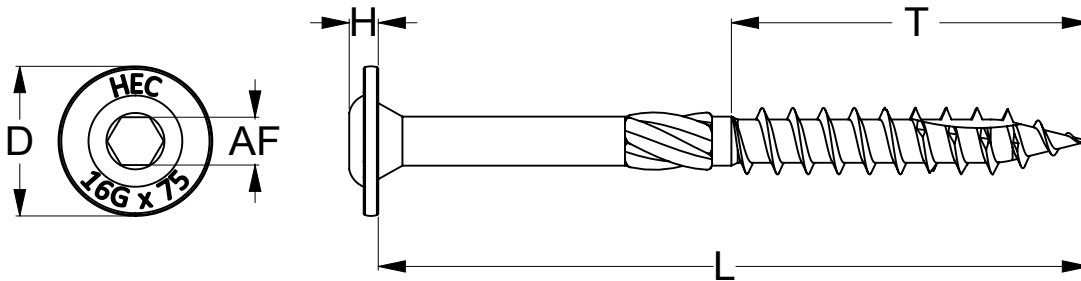




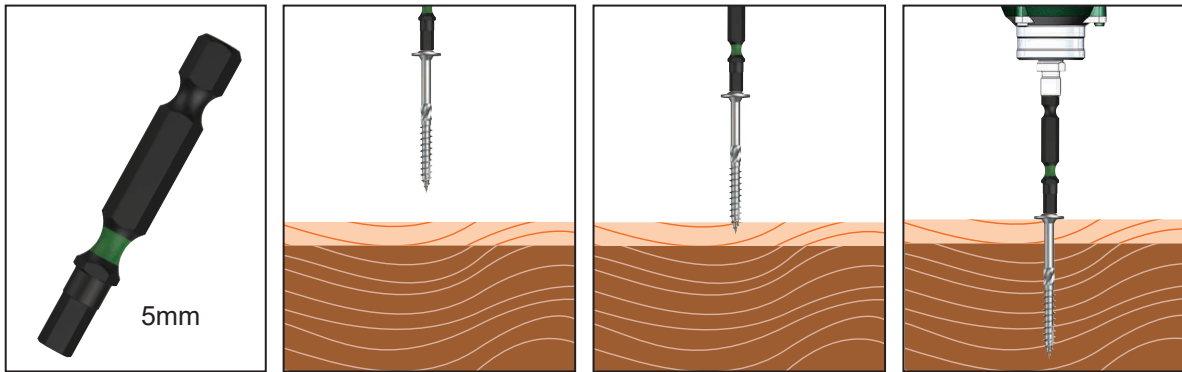
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| Part           | QFind | Gauge | TPI | Length | Thread Length | Head Height | Head ø | Drive Size | Pack Qty |
|----------------|-------|-------|-----|--------|---------------|-------------|--------|------------|----------|
|                |       |       |     | L (mm) | T (mm)        | H (mm)      | D (mm) | AF (mm)    |          |
| T9PW3GI1608075 | QB54  | 16    | 8   | 75     | 38            | 3.0         | 15.0   | HEX 5      | 250      |
| T9PW3GI1608100 | QB55  |       |     | 100    | 50            |             |        |            |          |
| T9PW3GI1608125 | QB56  |       |     | 125    | 87            |             |        |            |          |



### Installation



Recommended  
HEX 5mm Drive Bits:

| Part          | QFind | Length<br>(mm) |
|---------------|-------|----------------|
| TXDIPXHS50050 | B351  | 50             |

### Installation Guide

1. Use a cordless screw driver set at max 1,500 RPM. Fit the HEX Drive Bit over the screw and place at the fastening position.
2. Apply consistently firm pressure to the screw driver while the screw is drilling.
3. Care should be taken not to over-tighten the screw.

\*Installation with impact drivers not recommended.

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