

# Technical Data Sheet

Ref: TDS-01-WIN-10

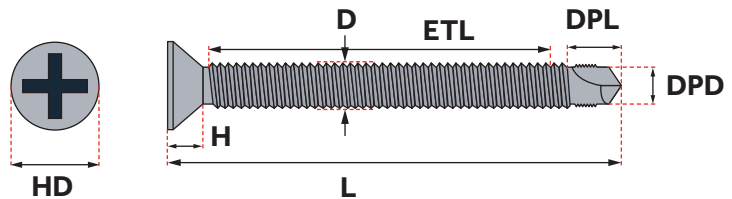
## Window Fabrication Screws

Countersunk - PH - Metric Thread - Self Drilling - Self Tapping -  
Zinc or Yellow

### Features

- An alternative to the self-tapping version. This metric threaded screw is for attaching hardware to frames where steel reinforcement is present.
- Self drilling point and self tapping metric thread.
- PH2 recess.
- Case and core hardened carbon steel.
- Conforms to BS EN 1670:Grade 4.
- Conforms to BS EN 10666
- Conforms to BS 7412.

### Dimensional Data



| Product Code | Diameter (D) | Length (L) | Head Height (H) | Head Diameter (HD) | Drill Point Diameter (DPD) | Drill Point Length (DPL) | Effective Thread Length (ETL) |
|--------------|--------------|------------|-----------------|--------------------|----------------------------|--------------------------|-------------------------------|
| 150Z or Y    | M4           | 16         | 3.2             | 8.0                | 3.50                       | 4.00                     | 6.0                           |
| 151Z or Y    | M4           | 19         | 3.2             | 8.0                | 3.50                       | 4.00                     | 9.0                           |
| 153Z or Y    | M4           | 25         | 3.2             | 8.0                | 3.50                       | 4.00                     | 15.0                          |
| 154Z         | M4           | 32         | 3.2             | 8.0                | 3.50                       | 4.00                     | 22.0                          |
| 155Z or Y    | M4           | 38         | 3.2             | 8.0                | 3.50                       | 4.00                     | 28.0                          |

All stated figures (mm) are approx and for reference only.

### Performance Data

|                      |   |              |
|----------------------|---|--------------|
| Test material        | : | S275JR steel |
| Screw diameter       | : | M4           |
| Test plate thickness | : | 2.0 mm       |
| Rec. Pull out (kN)   | : | 1.41         |

Test data stated is for reference only as this may not represent the actual figures you may achieve in application.

### Installation Data

|                     |   |           |
|---------------------|---|-----------|
| Diameter            | : | M4        |
| RPM                 | : | 1800-2500 |
| Max. Drill capacity | : | 2.5 mm    |