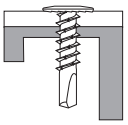
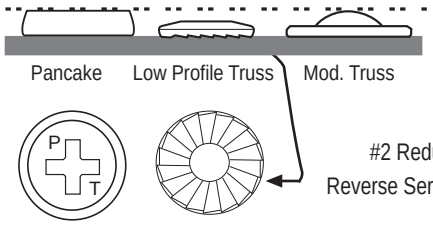
PRIMESOURCE BUILDING PRODUCTS, INC.

# SPEC DATA *Submittal Sheet # 008*

## LOW PROFILE TRUSS HEAD SELF-DRILL SCREW

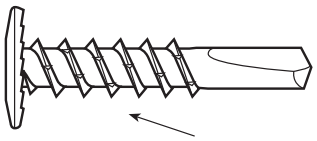


Pro-Twist flat truss head design is the lowest profile in the industry today, with reverse locking serrations to aid in vibration back-out and to reduce spin out.




#2 Reduced Phillips
Reverse Serrations Under Head

## Product Specifications



Thread Notches

| Part # | Dia. | Length | TPI | Bulk Qty | Finish | Corrosion | Head Dia. | Drill Pt. | Drill Capacity |
|---|---|---|---|---|---|---|---|---|---|
| FT1012 | 10 | 1/2” | 16 | 8.5 M | Zinc | 24 hr. min. B-117 | 9.3 - 9.8 mm | #2 | .035” - .110” |
| FT1034 | 10 | 3/4” | 12 | 7.5 M | Zinc | 24 hr. min. B-117 | 9.3 - 9.8 mm | #2 | .035” - .110” |

## Pro-Twist drill screws meet or exceed ASTM C-954 and/or C-1513

**Self-Drilling Screws Ultimate Connection Value Chart**

| Dia. | Nominal Screw Dia. (in) | Metal Gauge 1 (Lb) | Tension (Pull) Lbs 1 pc | Shear Lbs. Metal to metal | Minimum Torsional Strength (Lb) |
|---|---|---|---|---|---|
| 10 | 0.190 | 25 | | | 61 |
| | | 22 | | 602 | |
| | | 20 | 389 | 811 | |
| | | 18 | 554 | 1223 | |
| | | 16 | 727 | 1492 | |
| | | 14 | 1050 | 1545 | |
| | | 12 | 1216 | 1650 | |

Ultimate Value Charts
Screws driven into steel were driven with three exposed threads on the off side of the connection, then pulled out with testing machine.

Note that all results were obtained in strict adherence to ASTM test protocol. These ultimate figures are offered only as a guide and are not guaranteed in any way by PrimeSource Building Products. A 4:1 safety ratio is recommended.

Installation Guidelines
0-2500rpm Screwgun with torque adjustment - Overdriving may result in fastener failure or stripout of the work surface
The fastener is fully seated when the head’s bearing surface is flush with the steel.
The fastener must penetrate beyond the metal a minimum of three threads to comply with the code.

**ALL PRIMESOURCE FASTENERS ARE MANUFACTURED IN AN ISO 9002 AND ISO 14001 CERTIFIED AND APPROVED FACTORY TO PRIMESOURCE PERFORMANCE SPECIFICATIONS AND PRINT DRAWINGS.**


©2016 PrimeSource Building Products, Inc.