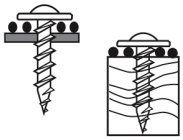
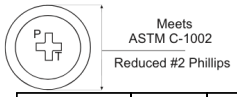
TECHNICAL DATA

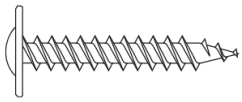


MODIFIED TRUSS HEAD SELF- PIERCING SHEET METAL SCREW

Expanded wire to wood or 25-20 gauge steel



PRODUCT SPECIFICATIONS



Part #	Dia.	Length	TPI	Bulk Qty	Finish	Corrosion	Head Dia.	Thread	Point
MT100	8	1 in.	15	5M	Zinc	24 hr. min. B-117	10.8mm~ 11.4mm	Double lead	Sharp Point
MT114	8	1-1/4 in.	15	5M	Zinc	24 hr. min. B-117	10.8mm~ 11.4mm	Double lead	Sharp Point
MT158	8	1-5/8 in.	15	5M	Zinc	24 hr. min. B-117	10.8mm~ 11.4mm	Double lead	Sharp Point
MT178	8	1-7/8 in.	15	4M	Zinc	24 hr. min. B-117	10.8mm~ 11.4mm	Double lead	Sharp Point
MT200	8	2 in.	15	2.5M	Zinc	24 hr. min. B-117	10.8mm~ 11.4mm	Double lead	Sharp Point
MT212	8	2-1/2 in.	15	2M	Zinc	24 hr. min. B-117	10.8mm~ 11.4mm	Double lead	Sharp Point
MT300	8	3 in.	15	1.5M	Zinc	24 hr. min. B-117	10.8mm~ 11.4mm	Double lead	Sharp Point
MT812	8	1/2 in.	15	10M	Zinc	24 hr. min. B-117	10.8mm~ 11.4mm	Double lead	Sharp Point
MT834	8	3/4 in.	15	8M	Zinc	24 hr. min. B-117	10.8mm~ 11.4mm	Double lead	Sharp Point

Pro-Twist sheet metal screws meet or exceed ASTM C-1002 and/or ASTM C-1513

Self Piercing Screws Ultimate Value Chart				
Dia.	Metal Gauge/1lb	Tension (Pull) Lbs. 1 Pc.	Shear Lbs. Metal to Metal	Minimum Torsional Strength (Lb)
8	25	149	337	39
	22	196	591	
	20	574	829	

Self Piercing Screws Ultimate Value Chart		
Dia.	Wood	Withdrawal Value (Pull out)
8	redwood	206
	3/4" partical board	266
	2×4 fir	398

Ultimate Value Charts

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

Wood – Screws driven 3/4" into the wood material, then pulled out the 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

NOT Recommended for use with treated wood.

ALL PRIMESOURCE® FASTENERS ARE MANUFACTURED IN AN ISO 9001 CERTIFIED AND APPROVED FACTORY TO PRIMESOURCE® PERFORMANCE SPECIFICATIONS AND PRINT DRAWINGS.

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