Trim Head Driller - Exterior

Wood Trim Over Gypsum Board to Heavy-Gauge Steel



| | | Image: SquareImage: StarImage: S |
|----------------|--|---|
| Description | Attaches wood trim over single- or double- | layer gypsum board to heavy-gauge steel. |
| Specifications | Size Gauge: #7 and #8 Length: 1 in. to 3 in. Head Type: Trim Head Recess Type: #1 Square, T20 Star Thread Type: Fine, Single Lead Finish: GrabberGard [®] , Stainless Steel | Quality Assurance: Grabber [®] fasteners are manufactured in ISO 9001 and ISO 14001 certified and approved factories. LEED Reporting: The post-consumer recycled steel content is 25%. Compliance: The fasteners comply with ASTM C1513 performance requirements. |
| Applications | Attaches wood trim over single- or doub steel studs and track | le-layer gypsum board to heavy-gauge |
| Installation | Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #7 and #8, up to 2,500 RPM. Because of significantly higher torque output, care and caution should be exercised when using an impact driver; otherwise, screw failure or spin-out may occur. | The trim head is fully seated when it is flush with or just below the work surface. The fastener must penetrate beyond the steel three full thread pitches. Overdriving may result in failure of the fastener. |
| Features | Self-tapping drill point is designed for penetration into heavy-gauge steel. The trim head leaves a finished surface. Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel. | GrabberGard[®] exterior-grade coating provides additional protection against corrosion in most exterior applications. The square recess is designed for secure bit engagement in trim to wood or light-gauge steel applications. |

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Standard Corrosion Test Results

| Finish | Test | Standard/Protocol | Results |
|--------------------------|------------|-------------------|-------------------------|
| GrabberGard [®] | Salt Spray | ASTM B117 | 1,000 hrs., no red rust |

Note: Salt Spray Testing (SST) results are not intended to predict corrosion in real-world environments. The ASTM B117 standard for SST is recognized industry-wide as an effective tool for comparing different metals and different metal coatings in a tightly controlled, highly corrosive environment for specific periods of time. For more information about corrosion resistance, see the Grabber Guide to Corrosion Resistance for Fasteners.

Pull-Out Test Data¹

| Screw Gauge | TPI ² | Steel Gauge | Design Thickness | Tension | Shear |
|-------------|------------------|-------------|------------------|----------|------------|
| | 19 | 18 | 0.0451 in. | 87 lbs. | 234 lbs. |
| | | 16 | 0.0566 in. | 157 lbs. | 330 lbs. |
| #7 | | 14 | 0.0713 in. | 198 lbs. | 466 lbs. |
| | | 12 | 0.1017 in. | 283 lbs. | 794 lbs. |
| | | 10 | 0.1242 in. | 345 lbs. | 1,069 lbs. |
| #8 | 18 | 18 | 0.0451 in. | 94 lbs. | 244 lbs. |
| | | 16 | 0.0566 in. | 171 lbs. | 344 lbs. |
| | | 14 | 0.0713 in. | 215 lbs. | 486 lbs. |
| | | 12 | 0.1017 in. | 307 lbs. | 827 lbs. |
| | | 10 | 0.1242 in. | 375 lbs. | 1,114 lbs. |

¹Test data values reported are allowable as determined by calculations and industry established test criteria, such as ICC-ES Acceptance Criteria and ASTM test standards. Please contact Grabber for detailed information about testing performed for specific products or if ultimate values are needed.

Sheet Steel

Gauges

| Gauge No. | Design Thickness | Millimeter Equivalent |
|-----------|------------------|-----------------------|
| 25 | 0.0188 in. | 0.4775 mm |
| 20 | 0.0346 in. | 0.8788 mm |
| 18 | 0.0451 in. | 1.1455 mm |
| 16 | 0.0566 in. | 1.4376 mm |
| 14 | 0.0713 in. | 1.8110 mm |
| 12 | 0.1017 in. | 2.5832 mm |
| 10 | 0.1242 in. | 3.1547 mm |



Product Dimensions

| Screw Gauge | B Head Dia. | Recess | D1 Minor Dia. | D2 Major Dia. | TPI ² |
|-------------|-------------|-----------|---------------|---------------|------------------|
| #7 | 0.219 in. | #1 Square | 0.100 in. | 0.151 in. | 19 |
| | 0.219 in. | T20 Star | 0.100 in. | 0.151 in. | 19 |
| #8 | 0.219 in. | #1 Square | 0.116 in. | 0.164 in. | 18 |

²TPI stands for Threads Per Inch. This is a count of the number of threads per inch measured along the length of a fastener.

Ordering Information and Product Options

Wood Trim Over Gypsum Board to Heavy-Gauge Steel



Special Features

Item No. Size Recess Head Diameter GrabberGard® Gray 18SDRG 7 x 2 1/4 in. #1 Square 0.219 in.

| 18SDRG | 7 x 2 1/4 in. | #1 Square | 0.219 in. | 19 | 4,000 | 30 lb. | | |
|---------------------|---------------|-----------|-----------|----|--------|--------|--|--|
| 17SD76RG | 8 x 3 in. | #1 Square | 0.219 in. | 18 | 2,000 | 23 lb. | | |
| GrabberGard® | Black | | | | | | | |
| 17SD100ST | 7 x 1 in. | T20 Star | 0.219 in. | 19 | 10,000 | 30 lb. | | |
| 410 Stainless Steel | | | | | | | | |
| 17SD410 | 7 x 1 5/8 in. | #1 Square | 0.219 in. | 19 | 5,000 | 27 lb. | | |

TPI

Quantity

Weight

Note: Product availability is subject to change without prior notice and the availability of products may differ from what is printed in literature and displayed on our website. The items listed are bulk size. Most are also available in smaller package sizes such as 5 lb. and 1 lb. Contact your local Grabber Branch or GrabberPro for more information.

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SAFETY FIRST: We ara ppropriate personal protective equipment. Read applicable SDS and literature before handling and installation.

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