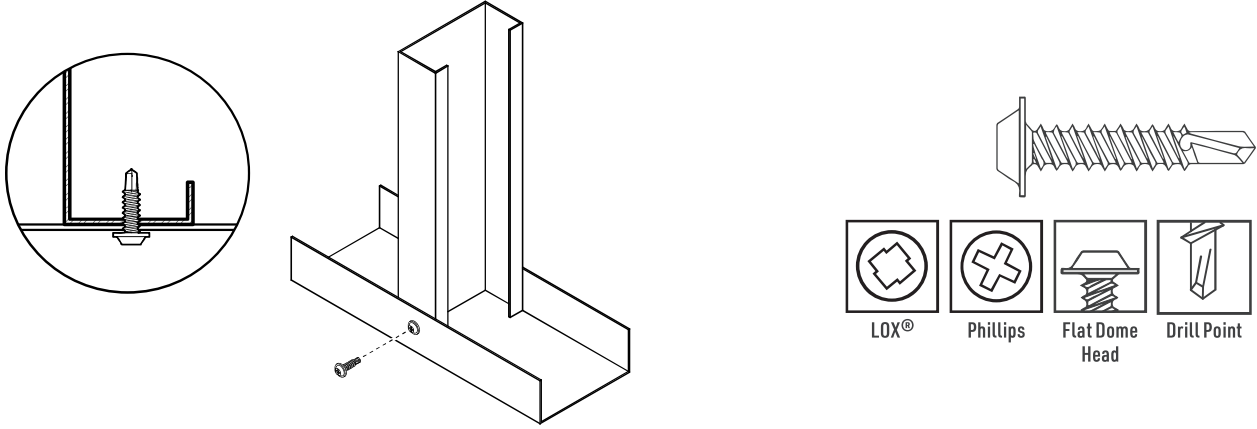


# Dome Head Driller

## Heavy-Gauge Steel-to-Steel



**Description** Framing steel. K-lath installation in steel substrate.

**Specifications**

**Size | Gauge:** #8  
**Length:** 3/4 in. to 1 5/8 in.  
**Head Type:** Dome Head  
**Recess Type:** #2 LOX®, #2 Phillips  
**Thread Type:** Fine  
**Thread Length:** Varies by item. Refer to the thread length reference section for specific dimensions.  
**Finish:** Clear Zinc, Yellow Zinc

**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 C954 and C1513 performance requirements. Specific fasteners are listed in ICC ESR-1271; please check the report for listed item numbers.

**Applications**

- Heavy-gauge steel framing studs
- K-lath installation to heavy-gauge steel
- Heavy-gauge steel studs to door frame jamb anchor clips

- Heavy-gauge steel studs to track
- Other heavy steel-to-steel attachments

**Installation**

- Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: size #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 head is fully seated when the bearing surface of the head is flush with the work surface.
- The fastener must penetrate beyond the steel three full thread pitches.
- Overdriving may result in failure of the fastener.

**Features**

- LOX® recess is designed for high-torque applications and will not strip out like most other recesses.
- Grabber's #2 Phillips is a precision recess designed for better bit engagement, resulting in less wobble or strip-out.
- Self-tapping drill point is designed for penetration into heavy-gauge steel.

- Dome head design provides for a larger load-bearing surface for better holding power, and a lower profile.
- Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel framing.

# Dome Head Driller

## Heavy-Gauge Steel-to-Steel



### Standard Corrosion Test Results

| Finish      | Test       | Standard/Protocol | Results              |
|-------------|------------|-------------------|----------------------|
| Clear Zinc  | Salt Spray | ASTM B117         | 12 hrs., no red rust |
| Yellow Zinc | Salt Spray | ASTM B117         | 24 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.

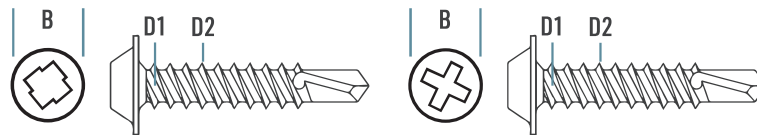
### Pull-Out Test Data<sup>1</sup>

| Screw Gauge | TPI <sup>2</sup> | Steel Gauge | Design Thickness | Tension  | Shear      |
|-------------|------------------|-------------|------------------|----------|------------|
| #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. |

<sup>1</sup>Test 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 <sup>2</sup> |
|-------------|-------------|---------------------|---------------|---------------|------------------|
| #8          | 0.417 in.   | #2 Phillips         | 0.116 in.     | 0.164 in.     | 18               |
|             | 0.492 in.   | #2 LOX <sup>®</sup> | 0.116 in.     | 0.164 in.     | 18               |

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

**Thread Length:** Dimensions vary by item. Consult the thread length reference section at the back of the catalog for item-specific details.

# Dome Head Driller

## Heavy-Gauge Steel-to-Steel



### Ordering Information and Product Options

| Item No.           | Size          | Recess              | Head Dia. | TPI | Quantity | Weight | Special Features |
|--------------------|---------------|---------------------|-----------|-----|----------|--------|------------------|
| <b>Clear Zinc</b>  |               |                     |           |     |          |        |                  |
| 834FZ3             | 8 x 3/4 in.   | #2 Phillips         | 0.417 in. | 18  | 7,500    | 37 lb. | ICC ESR-1271     |
| <b>Yellow Zinc</b> |               |                     |           |     |          |        |                  |
| LW2158LYZ          | 8 x 1 5/8 in. | #2 LOX <sup>®</sup> | 0.492 in. | 18  | 4,000    | 43 lb. |                  |

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.

Dome Head Driller  
PS1005 USA-ENG/Rev. 2-26

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**SAFETY FIRST:** Wear appropriate personal protective equipment. Read applicable SDS and literature before handling and installation.

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