TRUESHEAR™ | Steel Cutting, Reframed.

GRABBER®
CONSTRUCTION PRODUCTS


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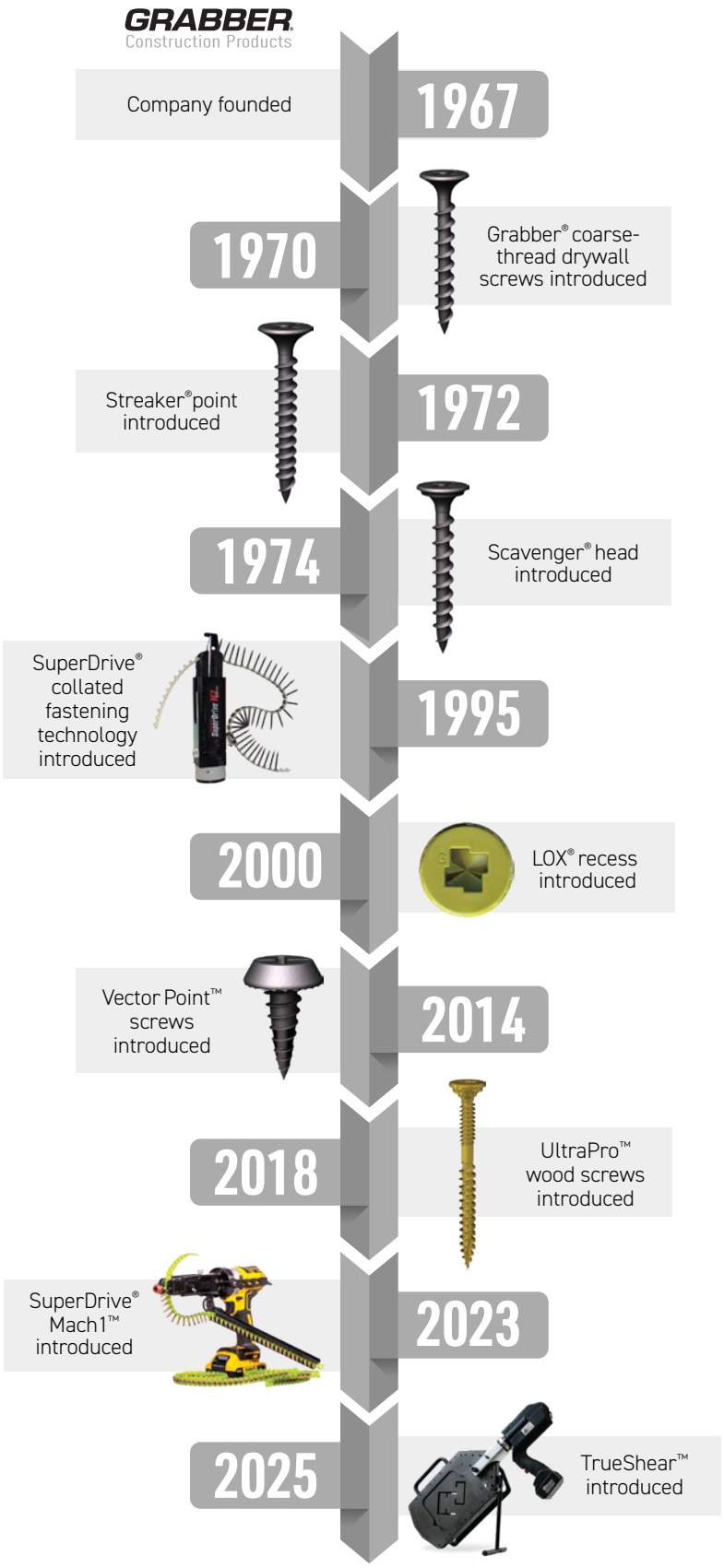
GRABBER
CONSTRUCTION PRODUCTS

Over Five Decades of Intentional Innovation

In 1967, Grabber Construction Products, Inc. began when John "Brad" Wagner set out to create what is now known as the Grabber screw. One innovative product at a time, Grabber has expanded exponentially to offer over 16,000 products, including thousands of professional-grade fasteners, drywall fabrication products, tools and other jobsite solutions.

Today, Grabber remains centered on its original guiding principle: innovating and delivering high-quality, professional-grade solutions that improve jobsite efficiency and precision.



TrueShear™ Introduction

GRABBER CONSTRUCTION PRODUCTS

TRUESHEAR™

The Newest Innovation From Grabber

BOOSTED PRODUCTIVITY

- No labor underutilized on hot watch and no permits needed for hot work
- Eliminates deburring cut edges for a simple workflow
- Easy to use

IMPROVED SAFETY

- Eliminates sparks and flying debris
- Quieter operation, no risk to hearing
- Protects hands and fingers

UNCOMPROMISING PRECISION

- Every cut straight and exact
- Efficient, quick and smooth operation
- Durable components for up to 100,000 precision cuts

TrueShear Steel Cutting	VS.	Outdated Steel Cutting
Quieter, less strenuous and more efficient		More noise, stress, strain and mess
Cleaner, safer, more confident cutting		Flying debris, fire hazards, may require special permits
Fast, precise and productive		Inefficient and inconsistent

TrueShear™ Introduction

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Precision Steel Cutting, Built for the Modern Data Center

Ready to cut smarter? Bring TrueShear to your next data center project and see firsthand why leading contractors are switching to the tool that's redefining jobsite steel cutting.

Factory-Grade Precision, Anywhere
Every cut is straight, cool to the touch and burr-free. With 12 tons of shearing force, TrueShear produces a perfect factory edge—no grinding, no rework, no mess.

Quiet & Spark-Free
No sparks. No flying debris. No high-decibel noise. Protect your team—and your project—from unnecessary risk.

Engineered for Safety
Operate in or near sensitive areas without hot work permits, fire watches, or shutdowns. TrueShear keeps your workflow clean and compliant.

Built to Last
Durable components are rated for up to 100,000 precision cuts, keeping crews productive through the most demanding schedules.

Portable Power for Real Jobsites
A compact, battery-powered press engineered for mobility—perfect for multi-level data center sites where every minute of uptime counts.

Technical Highlights

Cutting Capacity:	16–20 gauge (54–33 mils) structural steel members
Force Output:	12 tons of shearing force
Cut Quality:	Cool, burr-free, factory finish
Battery System:	Rechargeable 5AH power unit (two batteries & charger included)
Noise Level:	Low-decibel operation (no hearing protection required)
Compatibility:	3 5/8in. and 6in. framing members

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Using TrueShear

The TrueShear is a portable, battery-powered shearing press that cuts 16-gauge (54 mils) to 20-gauge (33 mils) steel framing members without any sparks or high-decibel noise. 12 tons of shearing force leave a cool, burr-free and precise factory edge, every time.

Item	Item No.
Power Unit (Includes two 5AH batteries and 1 charger)	G3501
3 5/8 in. TrueShear™ Attachment	GTS3616
6 in. TrueShear™ Attachment	GTS616

TrueShear Setup Instructions

1. **Ensure the battery is fully charged**.

2. **Install the stand** onto the TrueShear attachment using the pin provided. (fig A.)

3. **Set the assembly on a stable, level surface**.

4. **Remove the pin from the Power Unit**.

5. **Press the red button on the Power Unit** to confirm the piston is fully retracted.

6. **Attach the Power Unit to the TrueShear attachment** by aligning the guides and pushing the units together firmly. (fig B.)

7. **Insert the locking pin fully through both parts** to secure the Power Unit to the attachment. (fig C.)

8. **Verify the locking pin is fully seated and secure**.

9. **Attach the battery to the Power Unit**.

Note: refer to page 10 for safety guidelines.

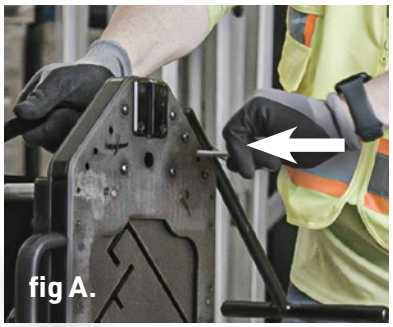
fig A.


fig B.

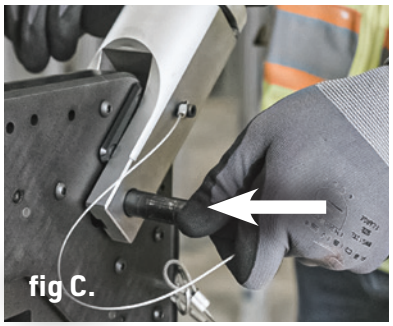
fig C.

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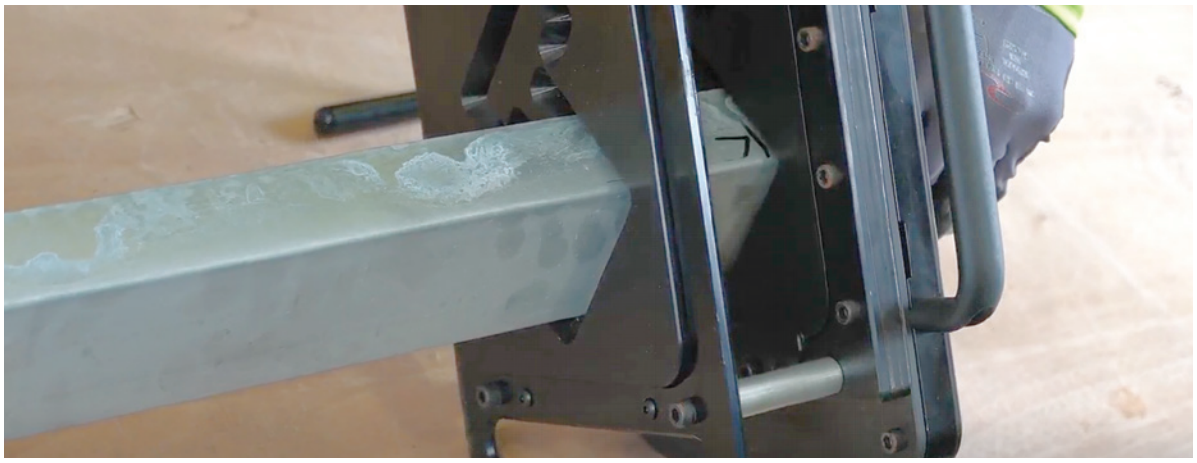
Using TrueShear

Measurement Instructions

The distance from the visible cut mark to the actual cut surface is **1 inch**. To ensure an accurate cut, **add or subtract 1 inch from your target measurement**, and align that adjusted measurement with the **inside edge of the TrueShear attachment**.

Example:
If you need to cut a 10 ft. stud down to **9 ft. 6 in.**, mark the stud at **9 ft. 5 in.** This 1-inch adjustment accounts for the offset between the cut mark and the shearing die. Align the **9 ft. 5 in. mark** with the **inside edge** of the TrueShear attachment before cutting.



GRABBER CONSTRUCTION PRODUCTS

Allowable Materials for Use

3 5/8 in. TrueShear Attachment – Item No. GTS3616

Product	Allowable Size/Dimensions	Notes
Track	3 5/8 in. x 1 in. – 3 in. leg (16 – 20 gauge structural)	
Slotted Track	3 5/8 in. x 1 in. – 3 in. leg (16 – 20 gauge structural)	
C-Stud	3 5/8 in. x 1 5/8 in. flange (16 – 20 gauge structural)	16 gauge material must be cut one piece at a time
Flat Strap	1 in. – 3 5/8 wide (16 – 20 gauge)	16 gauge material must be cut one piece at a time
Angle	Up to 3 in. x 3 in. (16 – 20 gauge)	16 gauge material must be cut one piece at a time

6 in. TrueShear Attachment – Item No. GTS616

Product	Allowable Size/Dimensions	Notes
Track	6 in. x 1 in. – 3 in. leg (16 – 20 gauge structural)	All materials must be cut one piece at a time
Slotted Track	6 in. x 1 in. – 3 in. leg (16 – 20 gauge structural)	All materials must be cut one piece at a time
C-Stud	6 in. x 1 5/8 in. flange (16 – 20 gauge structural)	All materials must be cut one piece at a time
Flat Strap	1 in. – 6 wide (16 – 20 gauge)	All materials must be cut one piece at a time
Angle	Up to 3 in. x 3 in. (16 – 20 gauge)	All materials must be cut one piece at a time

Note: Using materials or gauges not specified in this guide, especially thinner or thicker than recommended, may damage the tool and voids any warranty. Always follow the listed guidelines.

TrueShear™ Allowable Materials for Use

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Materials Permitted for Cutting Using TrueShear

Category	Member	Style	Web (in.)	Flange/Leg (in.)	Thickness (mils.)	Thickness (in.)
Stud	362S162-33	S	3.62	1.62	33	0.033
Stud	362S162-43	S	3.62	1.62	43	0.043
Stud	362S162-54	S	3.62	1.62	54	0.054
Stud	600S162-33	S	6	1.62	33	0.033
Stud	600S162-43	S	6	1.62	43	0.043
Stud	600S162-54	S	6	1.62	54	0.054
Track	362T125-33	T	3.62	1.62	33	0.033
Track	362T125-43	T	3.62	1.62	43	0.043
Track	362T125-54	T	3.62	1.62	54	0.054
Track	600T125-33	T	6	1.62	33	0.033
Track	600T125-43	T	6	1.62	43	0.043
Track	600T125-54	T	6	1.62	54	0.054
Angle	200A200-54	A	2	1.62	54	0.054
Angle	200A200-54	A	2	1.62	54	0.054
Angle	200A300-33	A	3	1.62	33	0.033
Angle	200A300-43	A	3	1.62	43	0.043
Angle	200A300-43	A	3	1.62	43	0.043
Angle	200A300-43	A	3	1.62	43	0.043
Angle	200A300-54	A	3	1.62	54	0.054
Angle	362A362-33	A	3.62	1.62	33	0.033
Angle	362A362-33	A	3.62	1.62	33	0.033
Flat Strap	200F125-54	F	2	1.62	54	0.054
Flat Strap	200F125-54	F	2	1.62	54	0.054
Flat Strap	362F162-43	F	3.62	1.62	43	0.043
Flat Strap	362F162-43	F	3.62	1.62	43	0.043
Flat Strap	600F125-54	F	6	1.62	54	0.054
Flat Strap	600F162-43	F	6	1.62	43	0.043

Note: Material classifications and properties are based on current standards established by the Steel Framing Industry Association (SFIA). The SFIA serves as a key resource for cold-formed steel framing, offering specifications and technical guidance for both structural and non-structural applications. Standards referenced include ASTM A1003 - Standard Specification for Steel Sheet, Carbon, Metallic- and Nonmetallic-Coated for Cold-Formed Framing Members, and AISI S220 - North American Standard for Cold-Formed Steel Nonstructural Framing. These define material composition, coatings, mechanical properties, and dimensional tolerances essential to proper tool compatibility and performance.

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Unpacking and Inspection

- Carefully remove the tool from its packaging and inspect for any visible damage.
- Verify that all components are present and undamaged.

Maintenance: Regular maintenance ensures optimal performance and extends the tool's lifespan.

Cleaning: After each use, disconnect the power source and clean the tool with a dry cloth. Remove metal shavings and debris from vents and moving parts.

Cutting Die Care: Inspect the cutting dies regularly for wear or damage. Replace dull or damaged dies immediately to maintain cutting efficiency and safety. Do not use to cut materials that are not authorized.

Inspection: Periodically check for loose screws, damaged parts or misalignment. Tighten or replace components as necessary.

Storage: Store the tool in a clean, dry place away from moisture and corrosive materials. Remove the battery before storage.

Troubleshooting

Issue	Possible cause	Solution
Tool does not start	Power source not connected or battery depleted	Check power connection or charge/ replace battery
Tool does not cut efficiently	Dull shearing dies or inappropriate material being cut	Verify allowable materials for use. Discontinue use and contact Grabber for service.
Excessive vibration during operation	Loose components or damaged die	Discontinue use and contact Grabber for service.
Unusual noise or overheating	Internal component wear or damage	Discontinue use and contact Grabber for service.
Steel member cannot be inserted into the tool attachment.	Material is the incorrect size, type or deformed. Cutting die is not fully retracted.	Inspect for any deformation before insertion. Press the red trigger to fully retract the cutting die before inserting the steel member.

Note: For questions about operating the TrueShear™, please contact your local GrabberPro. To find your representative, visit: grabberpro.com/FindYourGrabberPro

Safety

Adhering to safety guidelines minimizes the risk of injury and ensures safe operation.

Personal Protective Equipment (PPE):

- Always wear safety glasses with side shields to protect against flying debris.
- Use hearing protection to safeguard against noise-induced hearing loss.
- Wear gloves to protect hands from sharp edges and hot surfaces.

Operational Safety:

- Ensure the work area is well-lit and free of obstructions.
- Secure the material firmly before cutting to prevent movement.
- Keep hands away from the cutting area and die during operation.
- Do not operate the tool in explosive atmospheres or near flammable materials.

Tool Handling:

- Do not force the tool; use it at the rate for which it was designed.
- Disconnect the power source before making adjustments, changing accessories or storing the tool.
- Avoid accidental starting; ensure the trigger is not activated before connecting to the power source.

Maintenance Safety:

- Use only manufacturer-recommended replacement parts and accessories.
- Have the tool serviced by Grabber-approved, qualified personnel using identical replacement parts to ensure safety is maintained.

By following this manual, users can ensure safe and efficient operation of the cutting tool. Regular maintenance and adherence to safety protocols will contribute to the tool's longevity and performance.

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GrabberPro.com

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

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