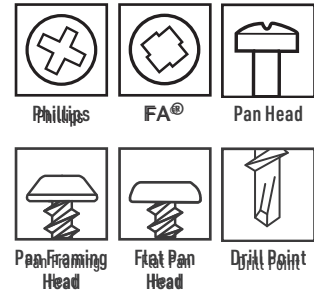
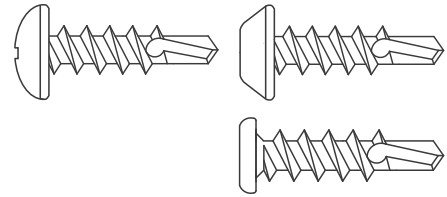
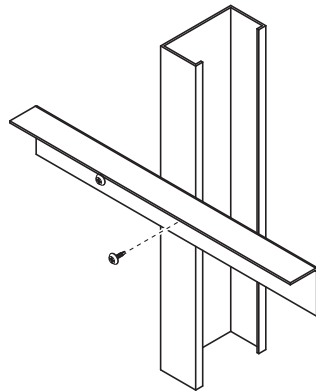
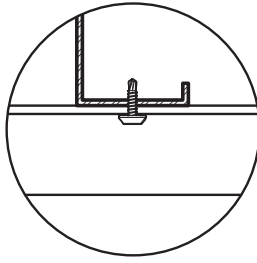


Pan Head Driller - Interior

Heavy-Gauge Steel to Heavy-Gauge Steel

FASTiNER®



Description Heavy-gauge steel to heavy-gauge steel connections, fixtures, backup plates, and door frames.

Specifications

Size | Gauge: #6 to #12
Length: 7/16 in. to 1 5/8 in.
Head Type: Pan Head, Flat Pan Head, Pan Framing Head
Recess Type: #2 Phillips, #2 FA®
Thread Type: Fine
Thread Length: Varies by item. Refer to the thread length reference section for specific dimensions.
Finish: Clear Zinc, Phosphate, Yellow Zinc

Quality Assurance: fastener® 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. Specific fasteners are listed in ICC ESR-1271; please check the report for listed item numbers.

Applications

- Heavy-gauge steel framing to heavy-gauge steel
- Pre-fabrication of heavy-gauge steel trusses
- Strapping to heavy-gauge steel
- Fixtures to heavy-gauge steel
- Steel studs to track
- Steel studs to door frame jamb anchor clips

Installation

- Use a standard screw gun with a depth-sensitive nose piece. Suggested screw gun specification for optimal performance: sizes #6 to #10, up to 2,500 RPM, size #12, up to 1,800 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.
- In the pan head family of screws, all are fully seated when 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

- Pan head family of screws provides a flat bearing surface.
- Underhead serrations lock tight in steel-to-steel applications.
- Self-tapping drill point is designed for penetration into heavy-gauge steel.
- FA® recess is designed for high-torque applications and will not strip out like most other recesses.
- Consistently formed extra-sharp drill point starts and drills easily into heavy-gauge steel.

Pan Head Driller - Interior

Heavy-Gauge Steel to Heavy-Gauge Steel

FASTiNER®

Standard Corrosion Test Results

Finish	Test	Standard/Protocol	Results
Phosphate	Salt Spray	ASTM B117	24 hrs., no red rust
Yellow Zinc	Salt Spray	ASTM B117	24 hrs., no red rust
Clear Zinc	Salt Spray	ASTM B117	12 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 fastener Guide to Corrosion Resistance for Fasteners.

Pull-Out Test Data¹

Screw Gauge	TPI ²	Steel Gauge	Design Thickness	Tension	Shear
#6	20	18	0.0451 in.	79 lbs.	224 lbs.
		16	0.0566 in.	144 lbs.	315 lbs.
		14	0.0713 in.	181 lbs.	446 lbs.
		12	0.1017 in.	258 lbs.	759 lbs.
		10	0.1242 in.	315 lbs.	1,001 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.
#10	16 and 22	18	0.0451 in.	109 lbs.	263 lbs.
		16	0.0566 in.	198 lbs.	370 lbs.
		14	0.0713 in.	249 lbs.	523 lbs.
		12	0.1017 in.	356 lbs.	891 lbs.
		10	0.1242 in.	434 lbs.	1,199 lbs.
#12	18	18	0.0451 in.	124 lbs.	280 lbs.
		16	0.0566 in.	225 lbs.	394 lbs.
		14	0.0713 in.	284 lbs.	557 lbs.
		12	0.1017 in.	405 lbs.	950 lbs.
		10	0.1242 in.	493 lbs.	1,278 lbs.

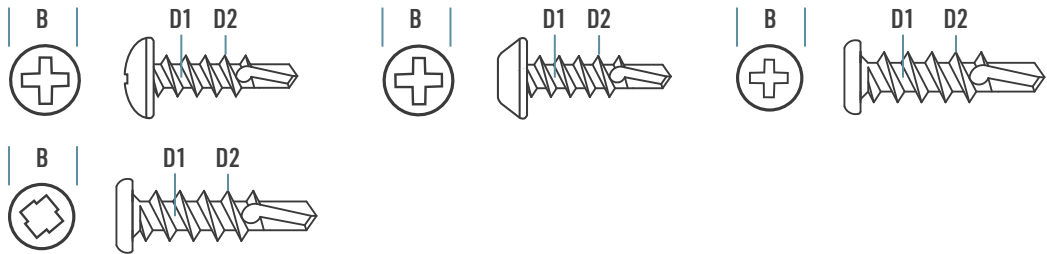
¹Test data values reported are allowable as determined by calculations and industry established test criteria, such as ICC-ES Acceptance Criteria and ASTM test standards. Please contact fastener for detailed information about testing performed for specific products or if ultimate values are needed.

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

Pan Head Driller - Interior

Heavy-Gauge Steel to Heavy-Gauge Steel



Product Dimensions

Screw Gauge	B Head Dia.	Recess	D1 Minor Dia.	D2 Major Dia.	TPI ²
#6	0.305 in.	#2 Phillips	0.100 in.	0.138 in.	20
#8	0.314 in.	#2 Phillips	0.116 in.	0.164 in.	18
#10	0.313 in.	#2 Phillips	0.132 in.	0.190 in.	16
	0.364 in.	#2 FA [®]	0.135 in.	0.190 in.	18
	0.364 in.	#2 FA [®]	0.135 in.	0.190 in.	22
	0.364 in.	#2 FA [®]	0.137 in.	0.190 in.	22
	0.365 in.	#2 Phillips	0.132 in.	0.190 in.	16
#12	0.364 in.	#2 FA [®]	0.156 in.	0.216 in.	18
	0.364 in.	#2 FA [®]	0.135 in.	0.190 in.	18
	0.364 in.	#2 FA [®]	0.135 in.	0.216 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.

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

Ordering Information and Product Options

Item No.	Size	Recess	Head Dia.	TPI	Quantity	Weight	Special Features
Phosphate							
19	6 x 7/16 in.	#2 Phillips	0.305 in.	20	15,000	41 lb.	Pan framing head
Yellow Zinc							
FP101875LYZ	10 x 3/4 in.	#2 FA [®]	0.364 in.	18	8,000	43 lb.	ICC ESR-1271, Flat pan head
FP101875LYZ3	10 x 3/4 in.	#2 FA [®]	0.364 in.	18	8,000	43 lb.	Flat pan head
FP102275LYZ	10 x 3/4 in.	#2 FA [®]	0.364 in.	22	8,000	42 lb.	ICC ESR-1218, Flat pan head
CFP101875LYZ	10 x 3/4 in.	#2 FA [®]	0.364 in.	18	1,000	5 lb.	Collated, ICC ESR-1881, Flat pan head
CFP101875LYZ3	10 x 3/4 in.	#2 FA [®]	0.364 in.	18	1,000	5 lb.	Collated, Flat pan head

Pan Head Driller - Interior

Heavy-Gauge Steel to Heavy-Gauge Steel



Ordering Information and Product Options (continued)

Item No.	Size	Recess	Head Dia.	TPI	Quantity	Weight	Special Features
Yellow Zinc (continued)							
CFP102275LYZ	10 x 3/4 in.	#2 FA®	0.364 in.	22	1,000	5 lb.	Collated, ICC ESR-1271, Flat pan head
CFP121875LYZ	12 x 3/4 in.	#2 FA®	0.364 in.	18	1,000	5 lb.	
CFP121878LYZ	12 x 7/8 in.	#2 FA®	0.364 in.	18	1,000	5 lb.	
CCFP12158LYZ	12 x 1 5/8 in.	#2 FA®	0.364 in.	18	1,000	5 lb.	Collated, Flat pan head
Clear Zinc							
19Z	6 x 7/16 in.	#2 Phillips	0.305 in.	20	15,000	41 lb.	Pan framing head
20Z	8 x 1/2 in.	#2 Phillips	0.314 in.	18	10,000	32 lb.	ICC ESR-1271, Pan head
10058P3	10 x 5/8 in.	#2 Phillips	0.365 in.	16	7,500	39 lb.	
10075P3	10 x 3/4 in.	#2 Phillips	0.365 in.	16	5,000	30 lb.	
1058FP	10 x 5/8 in.	#2 Phillips	0.313 in.	16	10,000	40 lb.	Flat pan head
FP101875JBWZ	10 x 3/4 in.	#2 FA®	0.364 in.	18	8,000	43 lb.	ICC ESR-1271, Flat pan head
FP121878JBWZ	12 x 7/8 in.	#2 FA®	0.364 in.	18	6,000	44 lb.	
CFP101875JBWZ	10 x 3/4 in.	#2 FA®	0.364 in.	16	1,000	5 lb.	Collated, ICC ESR-1271, Flat pan head
CFP101858JBWZ	10 x 5/8 in.	#2 FA®	0.364 in.	18	1,000	5 lb.	
CFP121878JBWZ	12 x 7/8 in.	#2 FA®	0.364 in.	18	1,000	5 lb.	
CFP121875L2Z	12 x 3/4 in.	#2 FA®	0.364 in.	18	1,000	5 lb.	Collated, Flat pan head

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 fastiner Branch or fastinerPro for more information.

