

[Low Pro]²

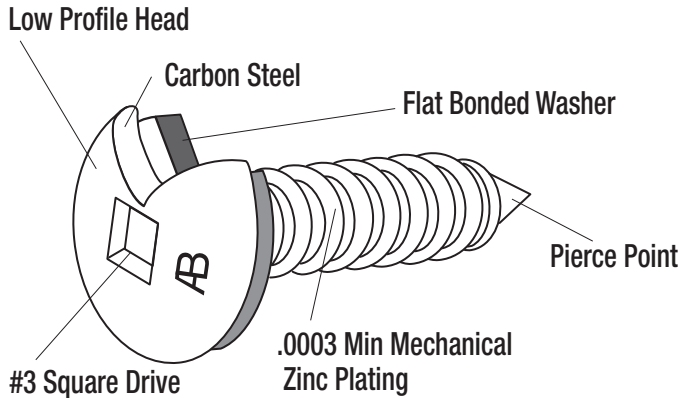
Low Profile Square Drive Fasteners

Engineering Test Reports

All test results and recommendations are based on laboratory tests.

Specific job site conditions should be taken into consideration when specifying the proper fastener.

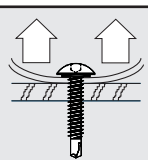
Because applications vary, we assume no liability for use of this information.



Strength Characteristics

For Self-Drilling and Self-Tapping Fasteners

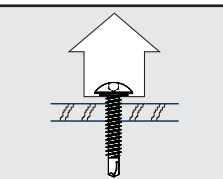
Fastener Size	Minimum Tensile (pounds)	Min. Fastener Torsional Strength (inch-pounds)	Minimum Shear Strength (pounds)
12-11	2197 in. lbs.	82 in. lbs.	1064 in. lbs.
12-14 (TCP3)	3000 in. lbs.	92 in. lbs.	2025 in. lbs.
1/4" -14 (TCP1)	3850 in. lbs.	150 in. lbs.	2575 in. lbs.



Pull-Over Values (in. lbs.)

For Self-Drilling & Self-Tapping Fasteners

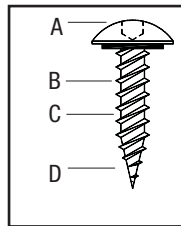
Fastener Diameter	Gauge		
	24 (.0276)	26 (.0217)	29 (.0172)
12-11	884 in. lbs.	700 in. lbs.	390 in. lbs.
12-14 (TCP3)	884 in. lbs.	700 in. lbs.	390 in. lbs.
1/4" -14 (TCP1)	954 in. lbs.	782 in. lbs.	425 in. lbs.



Pull-Out Values (in. lbs.)

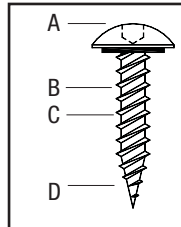
Self-Drilling & Self-Tapping Fasteners

Substrates	12-11	12-14 (TCP3)	1/4" -14 (TCP1)
	2 x 4 Pine	800 in. lbs.	—
5/8 in. Plywood	546 in. lbs.	—	—
1/2 in. OSB	243 in. lbs.	—	—
Steel Thickness	12-11	12-14 (TCP3)	1/4" -14 (TCP1)
16 ga.	—	780 in. lbs.	980 in. lbs.
14 ga.	—	1000 in. lbs.	1150 in. lbs.



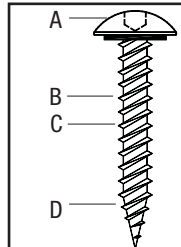
[Low Pro]² #12 - 11 x 1"

A - Head, Across Flats:	.488" - .508"
B - Major Diameter:	.201" - .208"
C - Minor Diameter:	.125" - .131"
D - Self-Tapper (AB Point)	



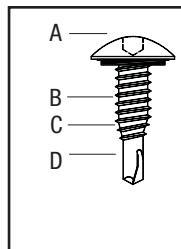
[Low Pro]² #12 - 11 x 1 1/2"

A - Head, Across Flats:	.488" - .508"
B - Major Diameter:	.201" - .208"
C - Minor Diameter:	.125" - .131"
D - Self-Tapper (AB Point)	



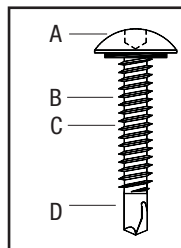
[Low Pro]² #12 - 11 x 2 1/2"

A - Head, Across Flats:	.488" - .508"
B - Major Diameter:	.201" - .208"
C - Minor Diameter:	.125" - .131"
D - Self-Tapper (AB Point)	



[Low Pro]² #1/4 - 14 x 3/4"

A - Head, Across Flats:	.550" - .560"
B - Major Diameter:	.240" - .246"
C - Minor Diameter:	.182" - .195"
D - Lap/Stitch Self-Driller (TCP1 Point)	



[Low Pro]² #12 - 14 x 1 1/4"

A - Head, Across Flats:	.488" - .508"
B - Major Diameter:	.209" - .215"
C - Minor Diameter:	.157" - .165"
D - Self-Driller (TCP3 Point)	



Fasteners For Construction

1628 Troy Road, Ashland, OH 44805 1-800-321-6846

Drill Point Capabilities

