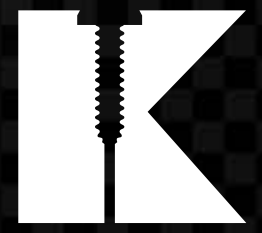


OVER
2400
ITEMS

SELF DRILLING

SCREWS : #2, #3, #4, & #5
DRILL POINTS



HIGH-CORROSION RESISTANT STEEL

A three-layer coating consisting of:

- (1) a metallic zinc layer, topped with a
- (2) chemical conversion film layer, which is covered by a
- (3) baked ceramic surface coating.

The finished parts have a dull silver color and will withstand a minimum of 1,000 hour Salt Spray test.

PHILLIPS

- Bugle (Drywall)
- Flat w/ #4 Drill Point (Machine Screw Thread)
- Flat Undercut, Spaced Thread (#3 Point)
- Hex Washer, Spaced Thread (Standard Drill Point)
- Oval, Spaced Thread (#3 Point)
- Pan, Spaced Thread (Standard Drill Point)
- Hex Flange w/ Rubber Washer (#1 Stitch Point)
- Hex Flange w/ Rubber Washer (#3 Drill Point)

SLOTTED (HEX WASHER)

- Spaced Thread (#3 Point)
- Machine Screw Thread (#3 Drill Point)

SPACED THREAD (#1 STITCH POINT)

- Spaced Thread (#2, #4 Drill Point)
- Spaced Thread (Standard Drill Point)
- Spaced Thread w/ Neo-EPDM Washer (Standard Drill Point)
- Machine Screw Thread (#2, #4, #5 Drill Point)
- Machine Screw Thread (Standard Drill Point)

All #2/#3 points unless otherwise noted

STEEL ZINC

COMBINATION RECESS

- Hex Washer, Spaced Thread
- Pan, Spaced Thread

PHILLIPS RECESS

- Bugle, Spaced Thread
- Flat, Spaced Thread (Zinc, Green Ceramic)
- Flat Undercut, Spaced Thread
- Flat Undercut, Machine Screw Thread
- Flat, Machine Screw Thread (#4 Point w/ Wings)
- Flat Undercut, Machine Screw Thread (#3 Point w/ Wings)
- Hex Washer
- Modified Truss
- Oval
- Oval, Countersunk Finishing Washer SEMS (#2 Point)
- Oval Undercut
- Pan, Spaced Thread
- Pan, Machine Screw Thread
- Pancake Phillips **NEW**
- Serrated Pan, Spaced Thread
- Special Pan Framing Screw (Zinc, Black Phosphate)
- Round Washer
- Trim Head
- Wafer, Spaced Thread
- Wafer, Machine Screw Thread
- Wafer, Spaced Thread, Drill Point (Ceramic Green)
- Wafer, High-Low Thread, Spade Point (Ceramic Green)
- Wafer, High-Low Thread, Sharp Point (Ceramic Green)

SIX-LOBE RECESS

- Flat
- Modified Truss
- Pan
- Pancake Six-Lobe **NEW**
- Truss
- Wafer, Spaced Thread
- Wafer, Machine Screw Thread

SQUARE RECESS

- Flat
- Modified Truss
- Pan
- Pancake Square-Phillips Recess **NEW**
- Trim Head
- Round Washer
- Wafer, Machine Screw Thread (#4 Point w/ Wings)

SLOTTED (HEX WASHER)

- #2 & #3 Points
- Serrated, Spaced Thread (Standard Head)
- Serrated, Machine Screw Thread
- With Neo-EPDM Washers

UNSLOTTED (HEX)

- Spaced Thread

UNSLOTTED (HEX WASHER)

- Spaced Thread (#2, #3, #4, #5 Points)
- Spaced Thread, High Head (#3 Point)
- Spaced Thread, Undersized Head (#3 Point)
- Machine Screw Thread (#1, #2, #3, #4, #5 Points)
- Machine Screw Thread (#4 Point w/ Wings)
- Serrated, Spaced Thread (#2, #3, #4 Points)
- Serrated, Spaced Thread, High Head (#3 Point)
- Serrated, Machine Screw Thread (#2 & #3 Points)
- Serrated, MS Thread, Red Painted Head, 7/16" A.F. (#2 Point)
- Serrated Machine Screw Thread (#4 Point w/ Wings)
- With Neo-EPDM Washers (#2, #3, #5 Points)

All #2/#3 points unless otherwise noted

ADDITIONAL FINISHES

STAINLESS STEEL

PHILLIPS

- Flat (18-8, 410)
- Flat, #4 Point w/ Wings, Machine Screw Thread (410)
- Flat Undercut (18-8, 410)
- Flat Undercut, Machine Screw Thread (18-8, 410)
- Hex Washer (18-8)
- Modified Truss (18-8, 410)
- Oval (18-8, 410)
- Oval Undercut (18-8)
- Pan (18-8, 410)
- Pan (18-8 Black Oxide)
- Bugle, Drywall (410)
- Wafer, Spaced Thread (18-8)
- Wafer, Machine Screw Thread (18-8, 410)

SIX-LOBE

- Flat (18-8, 410)
- Pan (18-8, 410)
- Wafer (18-8)

SLOTTED (HEX WASHER)

- Spaced Thread (18-8, 316, 410)
- Spaced Thread (410 Black Oxide)
- Machine Screw Thread (18-8)
- Machine Screw Thread, #2, #4, #5 Points (410)
- Machine Screw Thread, #4 Point w/ Wings (410)
- Spaced Thread, #4, #5 Points (410)
- Serrated, Spaced Thread (18-8)
- Serrated, Machine Screw Thread (18-8)
- Spaced Thread w/ Neo EPDM Washer (18-8, 410)

UNSLOTTED

- Hex Washer (18-8, 410)

SQUARE RECESS

- Flat (18-8, 410)
- Pan (18-8, 410)
- Pancake Phillips (18-8, 410) **NEW**
- Pancake Six-Lobe (18-8, 410) **NEW**
- Pancake Square-Phillips Recess (18-8, 410) **NEW**

STEEL BLACK OXIDE

PHILLIPS

- Flat
- Hex Washer
- Oval
- Pan
- Modified Truss (Black Phosphate)
- Wafer, Machine Screw Threads (#3 Point)

SQUARE RECESS

- Pan

SLOTTED / UNSLOTTED

- Slotted, Hex Washer
- Unslotted, Hex Washer

STEEL GREEN ZINC

SLOTTED

- Wafer, Machine Screw Threads (#3 Point)
- Wafer, Square-Phillips, Spaced Threads (#3 Point)

STEEL BLACK ZINC

PHILLIPS

- Flat (#2 Point)
- Flat Undercut
- Pan

UNSLOTTED

- Hex Washer

STEEL YELLOW ZINC

PHILLIPS

- Wafer, Machine Screw Threads (#3 Point)
- Wafer, Square-Phillips, Spaced Threads (#3 Point)

All #2/#3 points unless otherwise noted

DRILL CAPACITY CHART

SPACED THREAD

Drill screws with a Spaced thread pitch are typically used to attach plywood, soft woods or composition board to metal. They can also be used to attach thin metal sheet to metal.

DIAMETER	SIZE	DRILLING CAPACITY	
		MIN	MAX
#4	#2	.035	.080
#6	#2	.035	.090
#8	#2	.035	.100
#10	#2	.035	.110
#10	#3	.110	.175
#12	#3	.110	.210
#12	#4	.145	.312
#12	#5	.250	.500
1/4"	#3	.110	.220
1/4"	#4	.145	.312
1/4"	#5	.250	.500
5/16"	#4	.110	.312
5/16"	#5	.110	.312

MACHINE SCREW THREAD

Drill screws with a Unified (Machine Screw style) thread pitch are normally used to join thicker materials in order to reduce friction and driving torque.

DIAMETER	POINT SIZE	DRILLING CAPACITY	
		MIN	MAX
8-32"	#2	.035	.080
10-24"	#2	.035	.090
10-24"	#3	.035	.100
10-24"	#5	.035	.110
12-24"	#4	.110	.175
12-24"	#5	.110	.210
1/4-20"	#4	.145	.312
1/4-20"	#5	.250	.500

Drilling capacities are not absolute and can vary from one lot to another. It's best to test parts in desired application to verify screws are appropriate.

DRILL CAPACITY CHART

MACHINE SCREW THREAD WITH WINGS

Drill screws with reaming wings drill out a clearance hole in wood or other soft materials, then snap off when in contact with the metal surface to be drilled.

DIAMETER	POINT SIZE	DRILLING CAPACITY	
		MIN	MAX
10-24"	#4	.050	.175
12-24"	#4	.050	.232
1/4-20"	#4	.050	.232

SPACED THREAD WITH STITCH POINT

DIAMETER	POINT SIZE	DRILLING CAPACITY	
		MIN	MAX
#12	#1	.028	.075
1/4"	#1	.028	.094

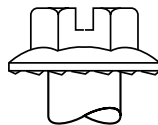
HEAD STYLE

CRITICAL TO DRILL SCREW APPLICATION



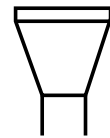
Modified Truss

Preferred when attaching wire or metal lathe to metal studs.



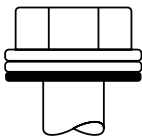
Serrated Hex Washer

Used in applications where excessive vibration is present and extra locking action is sought.



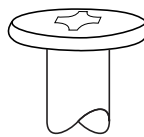
Trim

Ideal when attaching narrow wooden pieces to metal.



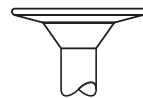
Hex Washer w/ Sealing Washer

Protects against leakage while providing superior load bearing to a regular flat washer.



Pancake Head

Designed to allow the head to sit flush, allowing for better clearance above the installed fastener. Used in roofing, steel framing and the installation of insulated panels.



Wafer

Preferred over other counter-sunk styles when seated in wood and softer materials.

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