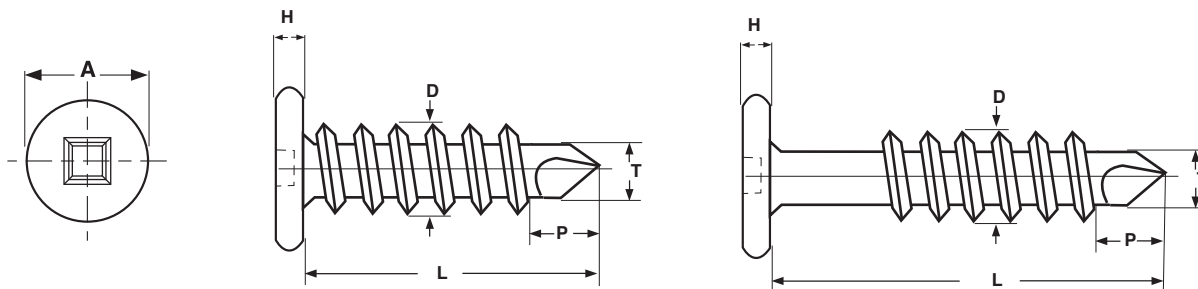


SELF- TAPPING SCREWS

Pancake Hd / Square w/
Spaced Thread & #1 Drill Pt.

SELF-DRILLING



PANCAKE SQUARE RECESS SELF-DRILLING SCREWS, SPACED THREAD AND #1 DRILL POINT

Nominal Diam & Threads per Inch	A		H		D		P		T		Square Recess Size
	Head Diameter		Head Thickness		Major Diameter		Drill Point Length		Drill point Diameter		
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	
1/4 - 14	0.525	0.498	0.09	0.078	0.250	0.240	0.295	0.177	0.140	0.132	2
Tolerance on Length				3/4 thru 2": ± 0.050			3": ± 0.070			4" thru 8": ± 0.100	

Description	An externally threaded fastener with a low-profile, disk-shaped head, spaced thread and a truncated drill point. The head is identically smooth on both the top and the bottom, bearing surface with a rounded edge. The top of the shank has a small section with an 80° countersink before it meets the bearing surface of the head. The recess is punched to accommodate a square recess screwdriver.
Applications/ Advantages	Popular in applications that require minimal protrusion above the mating surface. Can drill and tap up to 16 gauge steel. Can also be used in masonry applications, but requires a pre-drilled hole.
Material	1022 or equivalent steel
Heat Treatment	Fasteners are heat treated in a carbonitriding or gas-carburizing system at a minimum temperature of 625°F, or in a cyaniding system (with consent of the buyer) at a minimum temperature of 450°F.
Surface Hardness	Rockwell C 50 - 56
Core Hardness	Rockwell C32 - 40
Plating	Steel screws are supplied with a high-corrosion resistant coating that meets a 1,000-hour salt-spray rating.