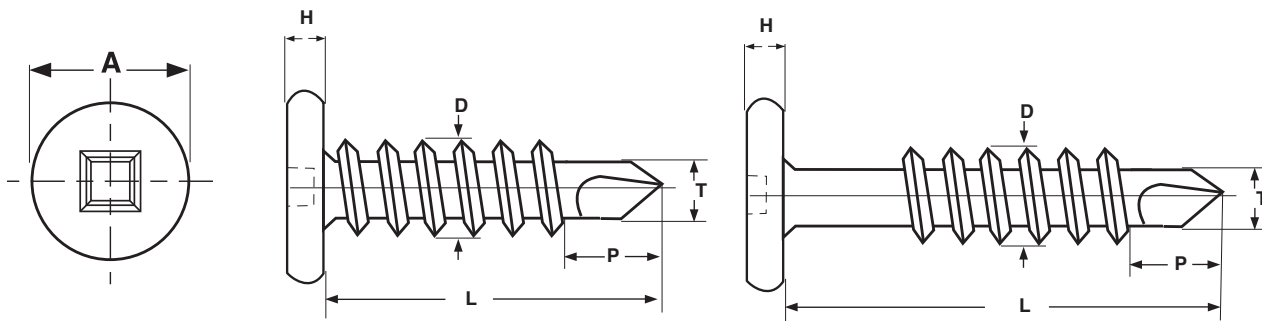


SELF- TAPPING SCREWS

SELF-DRILLING

Large Pancake Hd / Square Recess
w/ Spaced Thread & #3 Drill Point

LARGE PANCAKE SQUARE RECESS SELF-DRILLING SCREWS, SPACED THREAD AND #3 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	0.650	0.623	0.100	0.082	0.250	0.240	0.394	0.295	0.220	0.210	3
Tolerance on Length				1" 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 standard-sized drill point. The head is approximately 25% larger than a standard Pancake head. Head design 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	For heavier-gauge (up to 1/4" thick steel) applications that require minimal protrusion above the mating surface. The larger head mass increases pull-over strength.
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.

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