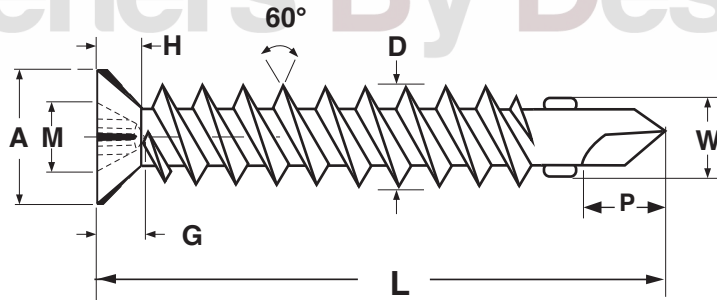


SELF-DRILLING Phillips Flat Head w/Nibs
Spaced Thread w/Wings

Fasteners By Design Inc.



#2 POINT FLAT PHILLIPS SELF-DRILLING SCREW WITH REAMING WINGS, SPACED THREAD											
Nominal Screw Size & Threads per Inch	H	A		M	G		W	D		P	Driver Size
	Head Height	Head Diameter		Recess Diameter	Recess Penetration Depth		Total Wing Diameter	Major Diameter		Drill Point Length	
	Ref	Max	Min	Ref	Max	Min	Ref	Max	Min	Ref	
8-18	0.100	0.312	0.285	0.182	0.110	0.087	0.212	0.166	0.161	0.211	2
Tolerance on Length		Nominal Screw Diameter		Nominal Screw Length							
				Up to 3/4", incl.	Over 3/4" to 1 1/2", incl.	Over 1 1/2"					
		8		-0.030"	-0.050"	-0.060"					

Description	A screw with a countersunk head, spaced thread, and a self-drilling point with two protruding wings 180° from each other, located above the point but below the threaded portion of the shank. The underside of the head has four protruding nibs that extend from the top edge of the countersink to the area the head meets the threaded shank.
Applications/ Advantages	For attaching wood to thin gauge metal studs. The wings help to clear a sufficient size hole so the threads don't engage with the wood and assist in countersinking the head. The nibs serve to assist seating the head without splitting surface materials such as laminates.
Material	AISI 1022 or equivalent steel
Heat Treatment	Screws shall be quenched in liquid and then tempered by reheating.
Surface Hardness	Vickers HV 560 minimum
Core Hardness	Vickers HV 270 - 425
Drive Torque	49 Kg/cm minimum
Plating	Green Ruspert finish