



FLAT PHILLIPS WOOD SCREW WITH TYPE-17 CHIP CAVITY						
Nominal Diameter	A		R		D	
	Head Diameter		Recess Depth		Major Diameter	
	Max	Min	Max	Min	Max	Min
8	0.332	0.292	0.110	0.087	0.174	0.164
Tolerance on Length		Up to 5/8"		+0 / -0.03		
		Over 5/8 to 1.5"		+0 / -0.05		
		Over 1.5 to 2.75"		+0 / -0.06		
		Over 2.75 to 5"		+0 / -0.09		

<b>Description</b>	An externally threaded fastener with a countersunk head, crossed recess, spaced threads, a tapered point and a chip cavity wedge cut into the last few threads where the shank tapers to a point. The underside of the head has protruding ribs equidistantly spaced from each other that extend from the outer edge of the head down towards the shank.
<b>Applications / Advantages</b>	The chip cavity gives the installer a faster start when driving the screw, especially into denser woods. The ribs under the head are intended to minimize the chance of chipping the top surface of the material the head is countersunk into. The screws are hardened to reduce the risk of stripping the recess.
<b>Material</b>	C1022 Steel
<b>Surface Hardness</b>	Rockwell C 45 minimum
<b>Core Hardness</b>	Rockwell C 34 - 45
<b>Case Depth</b>	0.004" - 0.009"
<b>Torque</b>	35 kg/cm minimum
<b>Plating</b>	See Appendix-A for plating information