



WHITESSELL
C A N A D A

Self-Drilling Tapping Screws

Drills its own Hole

Forms its own Thread

In One Operation



Eliminate piercing or pre-drilling in your processes with Self-Drilling Tapping Screws from Whitesell. The integral drill point and tapping thread cuts an ideal hole and forms its own mating threads for a secure fastening - in one single operation.



Whitesell Self-Drilling Tapping Screws are heat-treated to exacting standards to ensure efficient drilling, precise forming of mating threads, and extra strength in the completed fastening.

Drill point lengths are available to accommodate a range of material thicknesses and function well into: Carbon Steels, Stainless Steels, Aluminum, Brass and Plastics.

For more Information:

Whitesell Canada Inc.
Vaughan, Ontario L4K 5A2
T 1 800 387- 5741 F 905 879-0434

Whitesell Canada Inc.
Dorval, Quebec, H9P 2T8
T 1 800 361-2153 F 514 636-8131



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 W whitesell.ca

Technical Information

Produced in two different thread styles:

Type BSD: Spaced threads of type AB tapping screw diameter/pitch combinations.

Type CSD: Machine screw thread diameter/pitch combinations in the regular national coarse series for applications where a finer pitch is desirable.

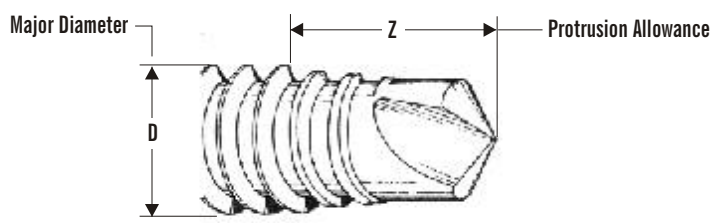
Produced in two different point lengths:

Number 2: For material thickness up to 0.110" (2.6mm).

Number 3: For material thickness over 0.110" (2.6mm) and up to 0.250" (6.35mm).

Available in a variety of finishes including special coatings for marine and outdoor applications.

Dimensional Specifications for Threads and Drill Points



Dimension Data for Threads and Points of Types BSD and CSD Self-Drilling Tapping Screws

Nominal Size or Basic Screw Diameter	Type BSD								Type BSD				Types BSD and CSD								
	Threads Per Inch	D		d		Z		Threads Per Inch	D		Z		L								
		Major Diameter		Minor Diameter		Protrusion Allowance (Ref.)			Major Diameter		Protrusion Allowance (Ref.)		Minimum Practical Nominal Screw Lengths (Ref.)								
													Style 2 Points				Style 3 Points				
		Max	Min	Max	Min	Style 2 Point	Style 3 Point		Max	Min	Style 2 Point	Style 3 Point	Formed		Milled		Formed		Milled		
4	0.1120	24	0.114	0.110	0.086	0.082	0.163	---	40	0.1120	0.1072	0.130	---	5/16	3/8	3/8	7/16	---	---	---	---
6	0.1380	20	0.139	0.135	0.104	0.099	0.190	0.220	32	0.1380	0.1326	0.152	0.172	5/16	3/8	3/8	7/16	3/8	7/16	7/16	1/2
8	0.1640	18	0.166	0.161	0.122	0.116	0.211	0.251	32	0.1640	0.1586	0.162	0.202	3/8	7/16	7/16	1/2	7/16	1/2	1/2	9/16
10	0.1900	16	0.189	0.183	0.141	0.135	0.235	0.300	24	0.1900	0.1834	0.193	0.258	7/16	1/2	15/32	19/32	1/2	9/16	9/16	21/32
12	0.2160	14	0.215	0.209	0.164	0.157	0.283	0.253	24	0.2160	0.2094	0.223	0.293	1/2	5/8	17/32	21/32	1/2	5/8	21/32	25/32
1/4	0.2500	14	0.246	0.240	0.192	0.185	0.318	0.393	20	0.2500	0.2428	0.275	0.350	1/2	5/8	17/32	11/16	1/2	5/8	11/16	27/32

drill point specifications are in accordance to SAE standard J78.