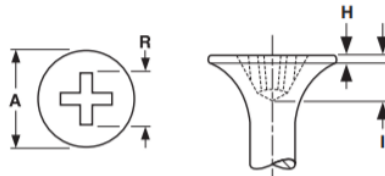


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BUGLE HEAD PHILLIPS FINE THREAD SELF-DRILL/TAP DRYWALL SCREW – STEEL ZINC AND BLACK PHOSPHATE

The following Specification Sheet applies to all **Bugle Head Phillips Fine Thread Self-Drill/Tap Drywall Screw - Steel Zinc and Steel Black Phosphate** in our **SDS and SDSB** series.



BUGLE HEADS FOR DRYWALL, PARTICLE BOARD & DECK SCREWS													
Nominal Size	A		H		R		I	Phillips Driver Size (Reduced Diameter Bit for #6 thru #10)	S		D		Square Recess Driver Size
	Head Diameter		Head Thickness		Phillips Recess Drive				Square Recess Drive				
					Diameter		Depth		Recess Square		Depth		
	Max	Min	Max	Min	Max	Min	Ref		Max	Min	Max	Min	
6	.347	.315	.031	.020	.201	.176	.106	2	.106	.090	.071	.055	1
8	.363	.315	.039	.020	.201	.176	.124	2	.113	.110	.075	.064	2

In the absence of a single industry standard for Bugle Heads, these dimensions are offered as a guide; slight deviations are acceptable.

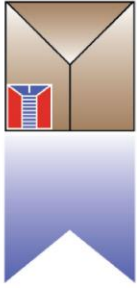
Metallics

229 Cross Street
Bristol, CT 06010

www.metallics.us

Phone: 860 589-4186 Toll Free: 800 243-8272

Fax: 860 584-1008 Toll Free Fax: 800 831-9358



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THREAD DIMENSIONS



**Fine Thread Drill Point
Drywall Screw**

THREADS FOR FINE THREAD DRYWALL SCREWS					
Screw Size	Threads per inch	D		d	
		Major Diameter		Minor Diameter	
		Max.	Min.	Max.	Min.
6	18	.144	.135	.102	.096
8	15	.170	.161	.123	.116
Tolerance on Length		Up to 1 in. incl.: -0, +0.060		Over 1 in.: -0, +0.100	

NOTE: There is no single standard for drywall screw dimensions. These values are offered as a guide; deviations from these specifications may occur.

Description	<i>Fine thread Drywall--Sharp point.</i> A bugle head screw with twinfast thread, extra sharp point and black phosphate finish. <i>Fine thread Drywall--Drill point.</i> A bugle head screw with twin lead spaced thread, self drilling point and black phosphate finish.	
Applications/ Advantages	<i>Fine thread Drywall--Sharp point.</i> For attaching drywall to metal studs from 25 gage through 20 gage thick. Longer sizes are ideal for multiple layers or insulation. <i>Fine thread Drywall--Drill point.</i> Will drive easily through drywall, drill a hole in a steel stud up to 14 gage thick, and form its own mating thread. Can also be used for attaching plywood or insulation board to 14 gage metal. The 410 stainless screws have somewhat lesser drilling capacity due to a lower hardness than a case-hardened steel screw.	
Material	AISI 1018 or equivalent steel	410 stainless steel
Heat Treatment	Screws shall be quenched in liquid and then tempered by reheating to 650°F minimum.	410 SS: An ideal method of hardening 410 stainless screws is a bright hardening process, which typically involves a vacuum furnace. Another key factor affecting hardness is the chemistry of the fastener--most elements have maximum values but not minimums. This fact can contribute to hardness variance.
Hardness	Surface: Rockwell C44 minimum	410 SS: Rockwell C38 - 46 (approx.)
Plating	See Appendix-A for information about the coating of drywall screws.	Stainless drywall screws are usually supplied without an additional finish.

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