

SUBMITTAL RECORD \_\_\_\_\_  
 JOB \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 SUBMITTED TO \_\_\_\_\_  
 SUBMITTAL PREPARED BY \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_  
 DATE \_\_\_\_\_



# Submittal Form High Head Super Saber Screws



## DESCRIPTION

Several common methods such as rivets, screws, and spot welding are used to fasten materials to ductwork. Three types of screws are most often used. The first is self-tapping only and requires a hole to be drilled before the screw can be utilized. The others are both self-tapping but also create their own holes. Self-piercing screws have very sharp points which act much like a scratch awl in making a small opening in the steel for the threads to engage and work the sheet metal into a coned threaded hole. These work well for light gage steel.

## SUGGESTED SPECIFICATIONS

Self-piercing and threading screws shall meet or exceed Japanese Industrial Standard JIS1125 and shall be code \_\_\_\_\_ size \_\_\_\_\_ as supplied by Duro Dyne Corporation.

## SCREW FEATURES

- Conformance - Meets or exceeds JIS 1125 specifications for cone point screws
- Material - Cold heading quality steel wire
- Corrosion Resistance - Zinc plated
- Hardness - Case hardened to Rockwell C55 minimum
- Head Configuration - Hexagonal slotted
- Twin lead point (two continuous threads)



HIGH HEAD SUPER SABER SCREWS												
ITEM SIZE	DRIVER SIZE	MAX. PIERCING CAPABILITY	HUNDRED PACK (SAC)	TWO-FIFTY PACK (SAQ)	FIVE HUNDRED PACK (SAF)	THOUSAND PACK (SAT)	BUCKET PACK (SAP)		BULK PACK (SAB)		2 GALLON PAIL (BKSAB)	
		DEC.	ITEM#	ITEM#	ITEM#	ITEM#	ITEM#	QTY.	ITEM#	QTY.	ITEM#	QTY.
7HH X 1/2	1/4	.044 in	14282	14283	14284	14285	15095	5 TH	15096	17 TH	N/A	N/A
8HH x 1/2	1/4	.044 in	14240	14245	14250	14255	15098	5 TH	15103	14 TH	15042	14 TH
8HH x 3/4	1/4	.044 in	14241	14246	14251	14256	15099	4 TH	15104	10 TH	N/A	N/A
8HH x 1	1/4	.044 in	14242	14247	14252	15257	15100	3 TH	15105	7 TH	N/A	N/A
8HH x 1-1/2	1/4	.044 in	14243	14248	14253	14258	15101	3 TH	15106	4 TH	N/A	N/A
8HH x 2	1/4	.044 in	14244	14249	14254	14259	15102	3 TH	15107	3 TH	N/A	N/A
10HH x 3/4	1/4	.044 in	14236	14237	14238	14239	15119	3 TH	15120	5 TH	15036	5 TH

SPECIAL 5/16" HIGH HEAD SUPER SABER SCREWS												
ITEM SIZE	DRIVER SIZE	MAX. PIERCING CAPABILITY	HUNDRED PACK (SAC)	TWO-FIFTY PACK (SAQ)	FIVE HUNDRED PACK (SAF)	THOUSAND PACK (SAT)	BUCKET PACK (SAP)		BULK PACK (SAB)		2 GALLON PAIL (BKSAB)	
		DEC.	ITEM#	ITEM#	ITEM#	ITEM#	ITEM#	QTY.	ITEM#	QTY.	ITEM#	QTY.
10HH x 3/4BH	5/16	.044 in	14232	14233	14234	14235	15121	3 TH	15122	5 TH	15037	5 TH

TH= Thousand



DIMENSIONS AND TORSIONAL SPECIFICATIONS OF SELF-PIERCING AND THREADING SCREWS						
Size	Threads per Inch	D		d		Minimum Torsional Strength (lb. in.)
		Major Diameter		Minor Diameter		
		Max	Min	Max	Min	
6	18	0.141	0.136	0.102	0.096	11.7
7	16	0.158	0.152	0.114	0.108	26.5
8	15	0.168	0.162	0.123	0.116	32.5
10	12	0.194	0.188	0.133	0.126	51.5

A sampling from every skid of Duro Dyne screws is rigorously tested in house. The Duro Dyne screw standards exceed the IFI published standards for consistency and quality in form and function. Our screws are designed and manufactured under the strictest QC guidelines, to ensure we have the highest quality and most consistent screws offered to the industry.

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