

SUBMITTAL RECORD _____
 JOB _____
 LOCATION _____
 SUBMITTED TO _____
 SUBMITTAL PREPARED BY _____
 APPROVED BY _____
 DATE _____



Submittal Form 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)



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)		5 GALLON BUCKET (BSAB)	
		DEC.	ITEM#	ITEM#	ITEM#	ITEM#	ITEM#	QTY.	ITEM#	QTY.	ITEM#	QTY.
6 x 3/8	1/4	.044 in	N/A	N/A	N/A	14158	15153	5 TH	15108	20 TH	N/A	N/A
7 x 1/2	1/4	.044 in	14166	N/A	14321	14159	15154	5 TH	15109	17 TH	N/A	N/A
8 x 1/2	1/4	.044 in	14167	N/A	14322	14160	15155	5 TH	15110	14 TH	15003	28 TH
8 x 3/4	1/4	.044 in	14168	N/A	14323	14161	15156	4 TH	15111	10 TH	15004	25 TH
8 x 1	1/4	.044 in	14193	N/A	14324	14174	15167	3 TH	15124	7 TH	N/A	N/A
8 x 1-1/2	1/4	.044 in	14172	14305	14222	14175	15168	3 TH	15125	4 TH	N/A	N/A
8 x 2	1/4	.044 in	14173	14306	14221	14176	15169	3 TH	15126	3 TH	N/A	N/A
8 x 2-1/2	1/4	.044 in	N/A	14312	N/A	N/A	N/A	N/A	15123	2.5 TH	N/A	N/A
8 x 3	1/4	.044	14260	14262	14263	14264	15056	2.5 TH	15057	2.5 TH	N/A	N/A
10 x 1/2	1/4	.044 in	14169	N/A	N/A	14162	15157	4 TH	15112	10 TH	N/A	N/A
10 x 3/4	1/4	.044 in	14170	N/A	14328	14163	15158	3 TH	15113	7 TH	N/A	N/A
10 x 1	1/4	.044 in	14171	N/A	14329	14164	15170	3 TH	15114	6 TH	N/A	N/A

TH = Thousand

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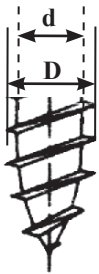
SPECIAL 5/16" HEAD SABER SCREWS

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)	
		DEC.	ITEM#	ITEM#	ITEM#	ITEM#	ITEM#	QTY.	ITEM#	QTY.
10 x 1/2 BH	5/16	.044 in	14228	14230	14226	14211	15117	4 TH	15115	10 TH
10 x 3/4 BH	5/16	.044 in	14223	N/A	14330	14215	15178	3 TH	15177	7 TH
10 x 1 BH	5/16	.044 in	14229	14231	14227	14212	15118	3 TH	15116	6 TH

SPECIAL WHITE PAINTED 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)	
		DEC.	ITEM#	ITEM#	ITEM#	ITEM#	ITEM#	QTY.	ITEM#	QTY.
8 x 2W	1/4	.044 in	15180	14311	14331	15181	15182	3 TH	15179	3 TH
8 x 3W	1/4	.044 in	14266	14267	14268	14269	15058	2.5 TH	15059	2.5 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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