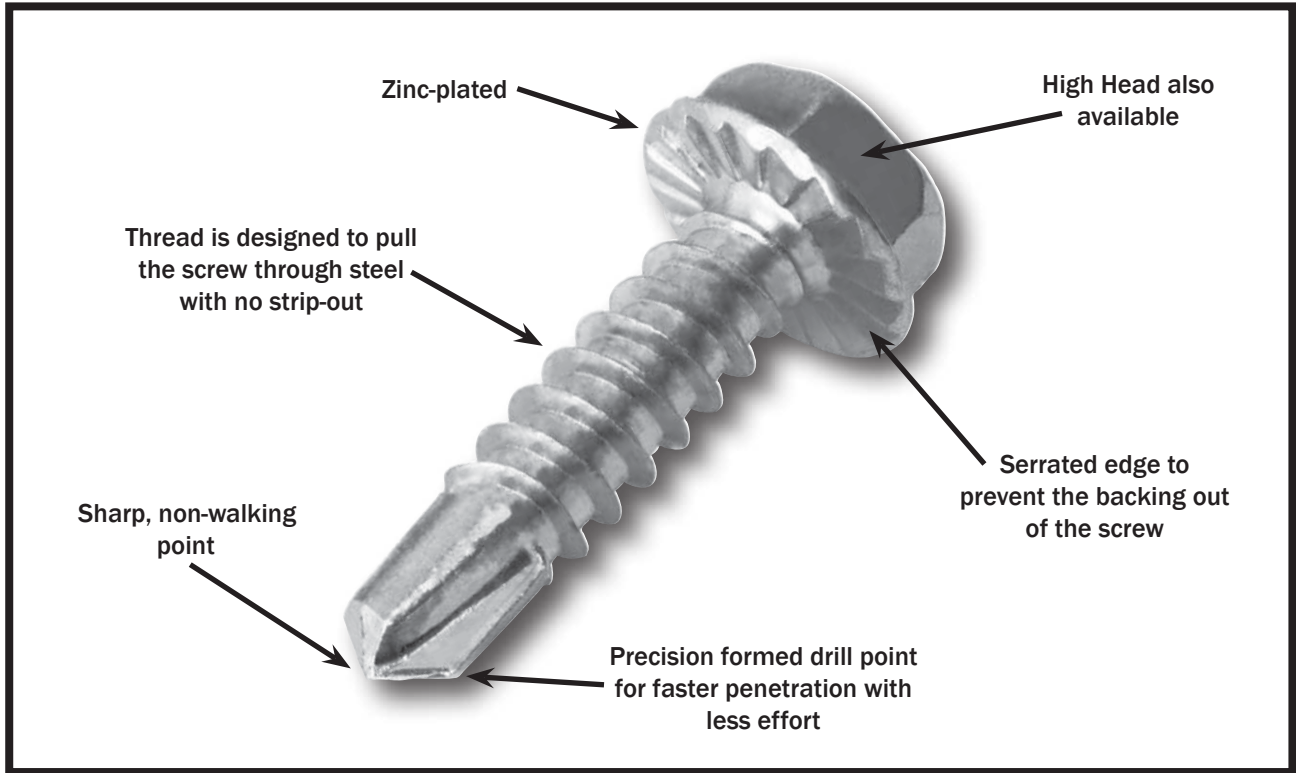


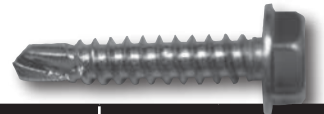
# PRO POINT® SELF DRILLING SCREWS

## FOR HEAVY GAUGE

Pro-Point Screws, with a precision formed drill point, are designed to fasten heavy gauge metals. These screws assure accurately sized holes for maximum holding power, eliminating the need for hole preparation and frequent alignment problems encountered in parts assembly. Ideal for fastening 4-bolt flange to ductwork. Pro Point Screws are quality tested through 1/8" cold rolled steel.



### PRO POINT SCREWS



ITEM SIZE	DRIVER SIZE	DRILL PT. SIZE	MAX. DRILL CAPABILITY	HUNDRED PACK (PPC)	FIVE HUNDRED PACK (PPF)	THOUSAND PACK (PPT)	BUCKET PACK (PPP)		BULK PACK (PPB)	
			DEC.	ITEM#	ITEM#	ITEM#	ITEM#	QTY.	ITEM#	QTY.
8 x 1/2	1/4	2	.100 in	14177	14340	14185	15159	5 TH	15127	10 TH
8 x 5/8	1/4	2	.100 in	14178	N/A	14186	15160	5 TH	15128	10 TH
8 x 3/4	1/4	2	.100 in	14179	14342	14187	15161	4 TH	15129	10 TH
8 x 1	1/4	2	.100 in	14194	14195	14196	15165	3 TH	15174	5 TH
10 x 1/2	5/16	3	.110 in	14180	14343	14188	15162	4 TH	15130	8 TH
10 x 5/8	5/16	3	.175 in	14181	N/A	14189	15163	3 TH	15131	5 TH
10 x 3/4	5/16	3	.175 in	14182	14345	14190	15164	3 TH	15132	5 TH
10 x 1	5/16	3	.175 in	14183	14346	14191	15166	3 TH	15133	5 TH
12 x 3/4	5/16	3	.210 in	14184	N/A	14192	15175	3 TH	15134	5 TH

### PRO POINT SCREWS WITH NEOPRENE WASHER



ITEM SIZE	DRIVER SIZE	DRILL PT. SIZE	MAX. DRILL CAPABILITY		HUNDRED PACK (PPC)	FIVE HUNDRED PACK (PPF)	THOUSAND PACK (PPT)	BUCKET PACK (PPP)		BULK PACK (NTAB)	
			DEC.	GA.	ITEM#	ITEM#	ITEM#	ITEM#	QTY.	ITEM#	QTY.
10 x 1	5/16	3	.175	7	N/A	N/A	N/A	N/A	N/A	15187	5 TH

# SCREW DIMENSIONS

## SUPER SABER



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

## PRO POINT



DIMENSIONS AND TORSIONAL SPECIFICATIONS FOR SELF-DRILLING TAPPING SCREWS						
SIZE OR NOMINAL SCREW DIAMETER	THREADS PER INCH	D		d		MINIMUM TORSIONAL STRENGTH (LB. IN.)
		MAJOR DIAMETER		MINOR DIAMETER		
		MAX	MIN	MAX	MIN	
4 0.1120	24	0.114	0.110	0.086	0.082	14
6 0.1380	20	0.139	0.135	0.104	0.099	24
8 0.1640	18	0.166	0.161	0.122	0.116	42
10 0.1900	16	0.189	0.183	0.141	0.135	61
12 0.2160	14	0.215	0.209	0.164	0.157	92
1/4 0.2500	14	0.246	0.240	0.192	0.185	150

# SCREW INSTALLATION

## ELECTRIC DRILL

Use 1/4" capacity low torque drill with speed from 1800-2500 RPM. #8 and #10 Pro Point screws can be installed up to 3600 rpm.

## DRILL CHUCK

Duro Dyne 1/4" and 5/16" socket sizes are designed with a heavy-duty magnet to hold screws securely in position and are able to withstand the impact of usage without undue wear.

## SCREW LENGTH FOR SUPER SABERS

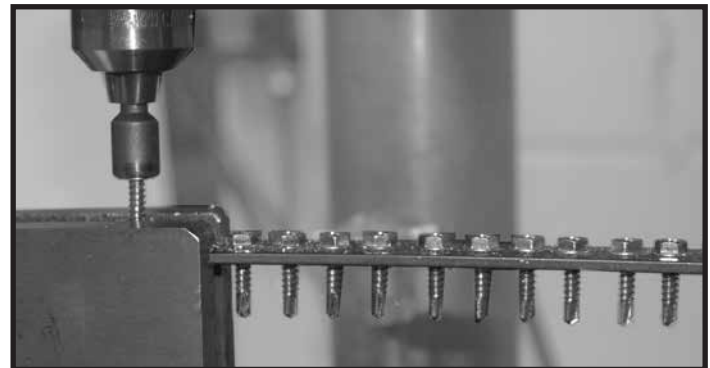
Must be sufficient to engage multiple layers of metal being fastened. With two pieces of light-gage metal, unsupported back piece may push away under pressure. Screw length must be long enough to engage back piece of metal.

## SCREW LENGTH FOR PRO POINTS

Drill point length must exceed total thickness of material to be fastened including gaps. Thread length must also exceed combined material thickness.

## TECHNIQUE

Set screw in the chuck, press the point firmly against the metal, and start the drill. As the screw bites into the metal, release the trigger to allow the drill momentum to seat the screw without stripping. Heavier gages of metal require greater pressure.



## DRILL POINT LENGTH MUST EXCEED TOTAL THICKNESS

