



**INTERNATIONAL
FASTENERS, INC.**

Oval Flat Head

Self Drill Point

Zinc Plated



Size	TPI	Part #	QTY / Carton	Drive	Drill Point	Max Drill
6 x 1"	20	OPSDZ06100	10,000	#2 Phillips	#2	0.112"
8 x 3/4"	18	OPSDZ08034	10,000	#2 Phillips	#2	0.112"
8 x 1"	18	OPSDZ08100	8,000	#2 Phillips	#2	0.112"
8 x 1-1/4"	18	OPSDZ081104	5,000	#2 Phillips	#2	0.112"
8 x 1-1/2"	18	OPSDZ08112	5,000	#2 Phillips	#2	0.112"

material: C1022 Low Carbon Steel, Core Hardness: HV240-425

finish: Zinc plating provides 24 hour minimum salt spray corrosion resistance

application: Metal to metal applications

installation: Screw gun with depth sensitive nosepiece with installation speed not to exceed 2500 RPM. Overdriving may result in fastener failure or strikeout of the work surface. The fastener must penetrate beyond the metal with a minimum of three threads protruding past the back side. The use of impact drivers is not recommended, as they can strip or break the screw.

Meet or exceeds the following specifications:

ASTM A510 Specification for general requirements for carbon steel wire rods (Minimum grade 1018)

ASTM B117 Standard practice for operating salt spray (fog) apparatus

ASTM C1513 Specification for steel tapping screws for cold-formed steel framing connections

SAE J78 Standard for dimensional, mechanical, and performance requirements

Ultimate Values

		Diameter	25 Gauge	22 Gauge	20 Gauge	18 Gauge	16 Gauge	14 Gauge	12 Gauge	Minimum Torsional Strength (lb)
Tension (lb) Pullout	#6	128	176	263	426	598	911	1156	24	
	#8	97	196	285	444	550	924	1100	42	
Shear (lb) Bearing	#6	-	449	683	728	1091	1148	-	24	
	#8	-	580	829	994	1096	1332	1337	42	

OPSDZ0608 | Revision 1.0 | 09.24.25



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Size	TPI	Part #	QTY / Carton	Drive	Drill Point	Max Drill
10 x 3/4"	16	OPSDZ10034	7,000	#2 Phillips	#3	0.175"
10 x 1"	16	OPSDZ1010	5,000	#2 Phillips	#3	0.175"
10 x 1-1/4"	16	OPSDZ101104	3,500	#2 Phillips	#3	0.175"
material:	C1022 Low Carbon Steel, Core Hardness: HV240-425					
finish:	Zinc plating provides 24 hour minimum salt spray corrosion resistance					
application:	Metal to metal applications					
installation:	Screw gun with depth sensitive nosepiece with installation speed not to exceed 2500 RPM. Overdriving may result in fastener failure or strikeout of the work surface. The fastener must penetrate beyond the metal with a minimum of three threads protruding past the back side. The use of impact drivers is not recommended, as they can strip or break the screw.					

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ASTM C1513	Specification for steel tapping screws for cold-formed steel framing connections
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Ultimate Values

	Diameter	20 Gauge	18 Gauge	16 Gauge	14 Gauge	12 Gauge	Minimum Torsional Strength (lb)
Tension (lb) Pullout	#10	389	554	727	1050	1216	61
Shear (lb) Bearing	#10	811	1223	1492	1545	1650	61

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