



**INTERNATIONAL
FASTENERS, INC.**

Hex Washer Head with EPDM Bonded Washer

Self Drill Point

410 Stainless Steel



Size	TPI	Part #	QTY / Carton	Drive	Drill Point	Max Drill
8 x 1/2"	18	NEOSDSS08012	5,000	1/4" Hex	#2	0.112"
8 x 5/8"	18	NEOSDSS080058	5,000	1/4" Hex	#2	0.112"
8 x 3/4"	18	NEOSDSS08034	5,000	1/4" Hex	#2	0.112"
8 x 1"	18	NEOSDSS08100	3,500	1/4" Hex	#2	0.112"

material: 410 Stainless Steel. Case Hardness: HV500 minimum

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 A276	Standard specification for stainless steel bars and shapes
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	#8	97	196	285	444	550	924	1100	42
Shear (lb) Bearing	#8	-	580	829	994	1096	1332	1337	42

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Size	TPI	Part #	QTY / Carton	Drive	Drill Point	Max Drill
10 x 1/2"	16	NEOSDSS100012	5,000	5/16" Hex	#2	0.112"
10 x 3/4"	16	NEOSDSS10034	5,000	5/16" Hex	#3	0.175"
10 x 1"	16	NEOSDSS1010	4,000	5/16" Hex	#3	0.175"
10 x 1-1/4"	16	NEOSDSS101104	3,500	5/16" Hex	#3	0.175"
10 x 1-1/2"	16	NEOSDSS101104	3,000	5/16" Hex	#3	0.175"
10 x 2"	16	NEOSDSS1020	2,000	5/16" Hex	#3	0.175"
10 x 3"	16	NEOSDSS1030	1,000	5/16" Hex	#3	0.175"

material: 410 Stainless Steel, Case Hardness: HV500 minimum

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 A276	Standard specification for stainless steel bars and shapes
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	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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Size	TPI	Part #	QTY / Carton	Drive	Drill Point	Max Drill
12 x 3/4"	14	NEOSDSS12034	3,000	5/16" Hex	#3	0.210"
12 x 1"	14	NEOSDSS1210	2,500	5/16" Hex	#3	0.210"
12 x 1-1/4"	14	NEOSDSS121104	2,500	5/16" Hex	#3	0.210"
12 x 1-1/2"	14	NEOSDSS12112	2,500	5/16" Hex	#3	0.210"
12 x 2"	14	NEOSDSS1220	1,500	5/16" Hex	#3	0.210"
12 x 2-1/2"	14	NEOSDSS12212	1,000	5/16" Hex	#3	0.210"
12 x 3"	14	NEOSDSS1230	1,000	5/16" Hex	#3	0.210"

material: 410 Stainless Steel, Case Hardness: HV500 minimum

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 A276	Standard specification for stainless steel bars and shapes
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	18 Gauge	16 Gauge	14 Gauge	12 Gauge	3/16"	Minimum Torsional Strength (lb)
Tension (lb) Pullout	#12	472	735	1057	1242	3394	92
Shear (lb) Bearing	#12	983	1556	2072	2210	-	92

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Size	TPI	Part #	QTY / Carton	Drive	Drill Point	Max Drill
14 x 3/4"	14	NEOSDSS14034	2,500	3/8" Hex	#3	0.220"
14 x 1"	14	NEOSDSS1410	2,500	3/8" Hex	#3	0.220"
14 x 1-1/4"	14	NEOSDSS141104	2,000	3/8" Hex	#3	0.220"
14 x 1-1/2"	14	NEOSDSS14112	1,500	3/8" Hex	#3	0.220"
14 x 2"	14	NEOSDSS1420	1,500	3/8" Hex	#3	0.220"
14 x 2-1/2"	14	NEOSDSS14212	1,000	3/8" Hex	#3	0.220"

material: 410 Stainless Steel, Case Hardness: HV500 minimum

application: Metal to metal applications

installation: Screw gun with depth sensitive nosepiece with installation speed not to exceed 1800 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 A276 Standard specification for stainless steel bars and shapes

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	20 Gauge	18 Gauge	16 Gauge	14 Gauge	12 Gauge	3/16"	Minimum Torsional Strength (lb)
Tension (lb) Pullout	#14	300	402	776	1057	1477	3941	156
Shear (lb) Bearing	#14	797	1083	1942	2300	2754	-	156

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