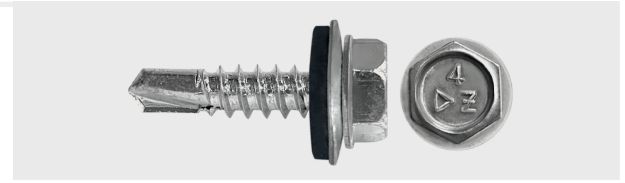




**Hex Washer Head with EPDM Bonded Washer  
Self Drill Point  
410 Stainless Steel**



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:**

<b>ASTM A276</b>	Standard specification for stainless steel bars and shapes
<b>ASTM B117</b>	Standard practice for operating salt spray (fog) apparatus
<b>ASTM C1513</b>	Specification for steel tapping screws for cold-formed steel framing connections
<b>SAE J78</b>	Standard for dimensional, mechanical, and performance requirements

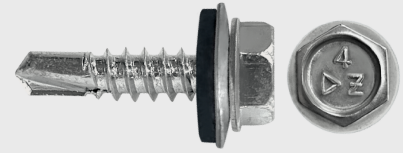
**Ultimate Values**

	Diameter	25 Gauge	22 Gauge	20 Gauge	18 Gauge	16 Gauge	14 Gauge	12 Gauge	Minimum Torsional Strength (lb)
<b>Tension (lb) Pullout</b>	#8	97	196	285	444	550	924	1100	42
<b>Shear (lb) Bearing</b>	#8	-	580	829	994	1096	1332	1337	42

NEOSDSS08 | Revision 1.0 | 09.22.25



**Hex Washer Head with EPDM Bonded Washer  
Self Drill Point  
410 Stainless Steel**



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:**

<b>ASTM A276</b>	Standard specification for stainless steel bars and shapes
<b>ASTM B117</b>	Standard practice for operating salt spray (fog) apparatus
<b>ASTM C1513</b>	Specification for steel tapping screws for cold-formed steel framing connections
<b>SAE J78</b>	Standard for dimensional, mechanical, and performance requirements

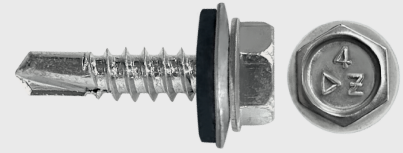
**Ultimate Values**

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

NEOSDSS10 | Revision 1.0 | 09.22.25



**Hex Washer Head with EPDM Bonded Washer  
Self Drill Point  
410 Stainless Steel**



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

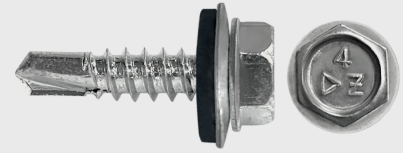
**Ultimate Values**

	Diameter	18 Gauge	16 Gauge	14 Gauge	12 Gauge	3/16"	Minimum Torsional Strength (lb)
<b>Tension (lb) Pullout</b>	#12	472	735	1057	1242	3394	92
<b>Shear (lb) Bearing</b>	#12	983	1556	2072	2210	-	92

NEOSDSS12 | Revision 1.0 | 09.22.25



**Hex Washer Head with EPDM Bonded Washer  
Self Drill Point  
410 Stainless Steel**



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:**

<b>ASTM A276</b>	Standard specification for stainless steel bars and shapes
<b>ASTM B117</b>	Standard practice for operating salt spray (fog) apparatus
<b>ASTM C1513</b>	Specification for steel tapping screws for cold-formed steel framing connections
<b>SAE J78</b>	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)
<b>Tension (lb) Pullout</b>	#14	300	402	776	1057	1477	3941	156
<b>Shear (lb) Bearing</b>	#14	797	1083	1942	2300	2754	-	156

NEOSDSS14 | Revision 1.0 | 09.22.25