Stainless Steel Screws



410 Stainless Steel Unslotted Indented Hex Washer Head, Passivated & Waxed



- Meets F.I.P.-1000.7 for torsional strength & drill speed
- Manufactured to SAE J78 for dimensional specifications

· Highest degree of corrosion resistance

Size	Part No.	Pt.	Qty.	Lbs.*	Drill Capacity (in.)	Drill Speed	Material Application
12-24 x 1-1/4	4H5	5	3M	35	.125500	1500 RPM	Attaches metal to metal.

410 Stainless Steel Unslotted Indented Hex Washer Head, Passivated & Waxed w/Bonded NEO-EPDM Washer



- Meets F.I.P.-1000.7 for torsional strength & drill speed
- Manufactured to SAE J78 for dimensional specifications

· Bonded washer creates leak proof seal

Size	Part No.	Pt.	Qty.	Lbs.*	Drill Capacity (in.)	Drill Speed	Material Application	Bonded Washer Size
8-18 x 3/4	4HA812	2	5M	35	.035100	2500 RPM	Attaches metal to metal.	1/2" Outside Diameter
8-18 x 1	4HA816	2	4M	30	.035100	2500 RPM	Attaches metal to metal.	1/2" Outside Diameter
10-16 x 3/4	4HA1012	3	4M	35	.035176	2500 RPM	Attaches metal to metal.	1/2" Outside Diameter
10-16 x 1	4HA1016	3	3M	31	.035176	2500 RPM	Attaches metal to metal.	1/2" Outside Diameter
10-16 x 1-1/4	4HA1020	3	2.5M	30	.035176	2500 RPM	Attaches metal to metal.	1/2" Outside Diameter
10-16 x 1-1/2	4HA1024	3	2M	26	.035176	2500 RPM	Attaches metal to metal.	1/2" Outside Diameter
10-16 x 2	4HA1032	3	1.5M	22	.035176	2500 RPM	Attaches metal to metal.	1/2" Outside Diameter
12-14 x 3/4	4HA1212	3	3M	32	.035210	2000 RPM	Attaches metal to metal.	9/16" Outside Diameter
12-14 x 1	4HA1216	3	3M	37	.035210	2000 RPM	Attaches metal to metal.	9/16" Outside Diameter
12-14 x 1-1/4	4HA1220	3	2.5M	35	.035210	2000 RPM	Attaches metal to metal.	9/16" Outside Diameter
12-14 x 1-1/2	4HA1224	3	2.5M	39	.035210	2000 RPM	Attaches metal to metal.	9/16" Outside Diameter
12-14 x 2	4HA1232	3	1.5M	28	.035210	2000 RPM	Attaches metal to metal.	9/16" Outside Diameter
12-14 x 2-1/2	4HA1240	3	1M	22	.035210	1750 RPM	Attaches metal to metal.	9/16" Outside Diameter
14-14 x 3/4	4HA1412	3	3M	45	.060220	1750 RPM	Attaches metal to metal.	5/8" Outside Diameter
14-14 x 1	4HA1416	3	2.5M	44	.060220	1750 RPM	Attaches metal to metal.	5/8" Outside Diameter
14-14 x 1-1/4	4HA1420	3	2M	40	.060220	1750 RPM	Attaches metal to metal.	5/8" Outside Diameter
14-14 x 1-1/2	4HA1424	3	1.5M	34	.060220	1750 RPM	Attaches metal to metal.	5/8" Outside Diameter
14-14 x 2	4HA1432	3	1M	28	.060220	1750 RPM	Attaches metal to metal.	5/8" Outside Diameter
14-14 x 2-1/2	4HA1440	3	.8M	26	.060220	1750 RPM	Attaches metal to metal.	5/8" Outside Diameter
14-14 x 3	4HA1448	3	.5M	18	.060220	1750 RPM	Attaches metal to metal.	5/8" Outside Diameter
14-14 x 4	4HA1464	3	.5M	22	.060220	1750 RPM	Attaches metal to metal.	5/8" Outside Diameter
14-14 x 5	4HA1480	3	.25M	14	.060220	1750 RPM	Attaches metal to metal.	5/8" Outside Diameter
14-14 x 7/8 #12HD	4HA1	1	2.5M	38	.018090	2000 RPM	Attaches metal to metal.	5/8" Outside Diameter



- Meets F.I.P.-1000.7 for torsional strength & drill speed
- Manufactured to SAE J78 for dimensional specifications
- Bonded washer creates leak proof seal

Size	Part No.	Pt.	Qty.	Lbs.*	Drill Capacity (in.)	Drill Speed	Material Application	Bonded Washer Size
12-24 x 1-1/4	4HA5	5	3M	42	.125500	1500 RPM	Attaches metal to metal.	9/16" Outside Diameter

18-8 Stainless Steel Bonded Sealing Washers

Size	Part No.	Qty.	Lbs.*
8(10) x 1/2" O.D.	HAW810S	12.5M	28
8(10) x 5/8" O.D.	HAW105S	7.5M	29
12 x 9/16" O.D.	HAW12S	10M	25

Size	Part No.	Qty.	Lbs.*
12 x 5/8" O.D.	HAW125S	7.5M	28
14 x 5/8" O.D.	HAW14S	10M	27

 Creates leak proof seal and provides a moisture barrier when used in conjunction with proper fastener.

410 Stainless Steel Phillips Flat Head, Passivated & Waxed





- Meets F.I.P.-1000.7 for torsional strength & drill speed
- Manufactured to SAE J78 for dimensional specifications
- For counter-sunk holes
- Highest degree of corrosion resistance

Size	Part No.	Pt.	Qty.	Lbs.*	Drill Capacity (in.)	Drill Speed	Material Application
6-20 x 3/4	4F63	2	10M	24	.035090	2500 RPM	Attaches metal to metal.
6-20 x 1	4F64	2	8M	25	.035090	2500 RPM	Attaches metal to metal.
8-18 x 3/4	4F83	2	7M	25	.035100	2500 RPM	Attaches metal to metal.
8-18 x 1	4F84	2	6M	23	.035100	2500 RPM	Attaches metal to metal.
8-18 x 1-1/2	4F86	2	4M	24	.035100	2500 RPM	Attaches metal to metal.
10-16 x 3/4	4F103	3	6M	29	.035176	2500 RPM	Attaches metal to metal.
10-16 x 1	4F104	3	4M	26	.035176	2500 RPM	Attaches metal to metal.
10-16 x 1-1/2	4F106	3	2.5M	23	.035176	2500 RPM	Attaches metal to metal.

^{*}Carton weights are approximate and may vary.

Technical Document: 013012



Get the Point. Strong-Point.

COATING COMPARISON

Coating	Salt Spray*	Kesternich	Application	
Black Oxide	24 hrs.	n/a	Used Indoors for dry, non-corrosive applications.	
Black Phosphate	24 hrs.	n/a	Used indoors for dry, non-corrosive applications.	
Zinc	36 hrs.	n/a	Used Indoors for dry, non-corrosive applications.	
Yellow Zinc	90 hrs.	n/a	Used outdoors for dry, non-corrosive applications.	
Dacrotized [®]	500 hrs.	n/a	Used outdoors for medium corrosive applications.	· · · · · · · · · · · · · · · · · · ·
Ruspert®	1,000 hrs.	n/a	Used indoors and ouldoors for high corrosive applications,	
W.A.R.	1,000 hrs.	n/a	Used outdoors for high corrosive applications. ACQ compatible.	
Strong-Shield™	1,000 hrs.	15 Cycles	Used outdoors for high corrosive applications. Acid rain protection. ACQ compatible.	
410 Stainless Steel	500 hrs.	n/a	Used outdoors for medium corrosive applications. ACQ compatible.	
305 Stainless Steel	1,000 hrs.	n/a	Used outdoors for high corrosive applications. ACQ compatible.	

COATING DESCRIPTION

Black Oxide: A conversion coating used to add mild corrosion resistance and for appearance.

Black Phosphate: A conversion coating used to add mild corrosion resistance and for lubricity.

Zinc: A coating that is applied electrically to fasteners that prevents oxidation of steel by forming a protective barrier.

Yellow Zinc: A coating that is applied electrically to fasteners that prevents oxidation of steel by forming a protective barrier.

Dacrotized: An immersion zinc flake/chromate dispersion coating with medium corrosion protection.

Ruspert: A high-grade metal surface processing technology that prevents corrosion. The coating system consists of three layers: a metallic

zinc layer, a high-grade anti-corrosion chemical conversion film, and a baked ceramic surface coating.

W.A.R.: A high-grade metal surface processing technology that prevents corrosion. The coating system constists of three layers: a metallic

zinc layer, a hex-chromium or trivalent chromate passivation, and a high-grade anti-corrosion chemical conversion film.

Strong-Shield: A high-grade metal surface processing technology that prevents corrosion. The coating system constists of four layers: a

metallic zinc layer, a hex-chromium passivation, a layer of functional nano coating used as a sealer, and a high-grade anti-corrosion

chemical conversion film.

410 Stainless Steel: A low-carbon grade of hardenable stainless steel. Good corrosion resistence in mild atmospheres.

305 Stainless Steel: A nicket-chromium grade of stainless steel that has a high resistance to corresion.

^{*(}Tested in accordance with the American Society of Testing Materials - ASTM B 117)