

 / **LA MARCA PARA LA INDUSTRIA**

TORNILLOS Y SUJETADORES



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CATÁLOGO
2022



Tornillo Hexagonal G2 Pulido Estándar

Rosca estándar
RC: Rosca Completa
RP: Rosca Parcial



Tornillo Hexagonal G2 Galvanizado Estándar

Rosca estándar
RC: Rosca Completa
RP: Rosca Parcial



TORNILLOS Y SUJETADORES

Código	Rosca	Medidas	MIN
ZN-19010	RC	1/4"-20 x 3/4"	100
ZN-19012	RC	1/4"-20 x 1"	100
ZN-19014	RC	1/4"-20 x 1-1/4"	100
ZN-19016	RC	1/4"-20 x 1-1/2"	100
ZN-19018	RC	1/4"-20 x 2"	100
ZN-19018-RP	RP	1/4"-20 x 2"	100
ZN-19020	RC	1/4"-20 x 2-1/2"	100
ZN-19020-RP	RP	1/4"-20 x 2-1/2"	100
ZN-19022	RC	1/4"-20 x 3"	50
ZN-19022-RP	RP	1/4"-20 x 3"	50
ZN-19024	RC	1/4"-20 x 3-1/2"	50
ZN-19024-RP	RP	1/4"-20 x 3-1/2"	50
ZN-19026	RC	1/4"-20 x 4"	50
ZN-19026-RP	RP	1/4"-20 x 4"	50
ZN-19028	RP	1/4"-20 x 4-1/2"	50
ZN-19030	RP	1/4"-20 x 5"	50
ZN-19032	RP	1/4"-20 x 5-1/2"	50
ZN-19034	RP	1/4"-20 x 6"	50
ZN-19036	RC	5/16"-18 x 3/4"	100
ZN-19038	RC	5/16"-18 x 1"	100
ZN-19040	RC	5/16"-18 x 1-1/4"	100
ZN-19042	RC	5/16"-18 x 1-1/2"	100
ZN-19044	RC	5/16"-18 x 2"	100
ZN-19046	RC	5/16"-18 x 2-1/2"	100
ZN-19046-RP	RP	5/16"-18 x 2-1/2"	100
ZN-19048	RC	5/16"-18 x 3"	50
ZN-19048-RP	RP	5/16"-18 x 3"	50
ZN-19050	RC	5/16"-18 x 3-1/2"	50
ZN-19050-RP	RP	5/16"-18 x 3-1/2"	50
ZN-19052	RC	5/16"-18 x 4"	50
ZN-19052-RP	RP	5/16"-18 x 4"	50
ZN-19054	RP	5/16"-18 x 4-1/2"	50
ZN-19056	RP	5/16"-18 x 5"	50
ZN-19058	RP	5/16"-18 x 5-1/2"	50
ZN-19060	RP	5/16"-18 x 6"	50
ZN-19062	RC	3/8"-16 x 1"	100
ZN-19064	RC	3/8"-16 x 1-1/4"	100
ZN-19066	RC	3/8"-16 x 1-1/2"	100
ZN-19068	RC	3/8"-16 x 2"	100
ZN-19068-RP	RP	3/8"-16 x 2"	100
ZN-19070	RC	3/8"-16 x 2-1/2"	50
ZN-19070-RP	RP	3/8"-16 x 2-1/2"	50
ZN-19072	RC	3/8"-16 x 3"	50
ZN-19072-RP	RP	3/8"-16 x 3"	50
ZN-19074	RC	3/8"-16 x 3-1/2"	50
ZN-19074-RP	RP	3/8"-16 x 3-1/2"	50
ZN-19076	RC	3/8"-16 x 4"	50
ZN-19076-RP	RP	3/8"-16 x 4"	50
ZN-19078	RP	3/8"-16 x 4-1/2"	50
ZN-19080	RP	3/8"-16 x 5"	50
ZN-19082	RP	3/8"-16 x 5-1/2"	50
ZN-19082-01	RP	3/8"-16 x 6"	50

Código	Rosca	Medidas	MIN
ZN-19084	RC	1/2"-13 x 1"	50
ZN-19086	RC	1/2"-13 x 1-1/4"	50
ZN-19088	RC	1/2"-13 x 1-1/2"	50
ZN-19090	RC	1/2"-13 x 2"	50
ZN-19092	RC	1/2"-13 x 2-1/2"	50
ZN-19094	RC	1/2"-13 x 3"	25
ZN-19096	RC	1/2"-13 x 3-1/2"	20
ZN-19098	RC	1/2"-13 x 4"	25
ZN-19100	RP	1/2"-13 x 4-1/2"	25
ZN-19102	RP	1/2"-13 x 5"	25
ZN-19104	RP	1/2"-13 x 5-1/2"	25
ZN-19106	RP	1/2"-13 x 6"	25
ZN-19108	RP	1/2"-13 x 8"	10
ZN-19110	RP	1/2"-13 x 10"	10
ZN-19112	RC	5/8"-11 x 1-1/4"	50
ZN-19114	RC	5/8"-11 x 1-1/2"	25
ZN-19116	RC	5/8"-11 x 2"	25
ZN-19118	RC	5/8"-11 x 2-1/2"	25
ZN-19120	RC	5/8"-11 x 3"	25
ZN-19122	RC	5/8"-11 x 3-1/2"	20
ZN-19124	RC	5/8"-11 x 4"	20
ZN-19124-RP	RP	5/8"-11 x 4"	20
ZN-19126	RP	5/8"-11 x 5"	15
ZN-19128	RP	5/8"-11 x 6"	15
ZN-19130	RP	5/8"-11 x 8"	10
ZN-19132	RP	5/8"-11 x 10"	10
ZN-19134	RC	3/4"-10 x 2"	20
ZN-19136	RC	3/4"-10 x 2-1/2"	20
ZN-19138	RC	3/4"-10 x 3"	20
ZN-19140	RC	3/4"-10 x 3-1/2"	15
ZN-19142	RC	3/4"-10 x 4"	15
ZN-19144	RP	3/4"-10 x 5"	10
ZN-19146	RP	3/4"-10 x 6"	10
ZN-19148	RP	3/4"-10 x 8"	10
ZN-19150	RP	3/4"-10 x 10"	10
ZN-19152	RC	7/8"-9 x 2-1/2"	15
ZN-19154	RC	7/8"-9 x 3"	15
ZN-19156	RC	7/8"-9 x 3-1/2"	15
ZN-19158	RC	7/8"-9 x 4"	15
ZN-19160	RP	7/8"-9 x 5"	10
ZN-19162	RP	7/8"-9 x 6"	10
ZN-19164	RP	7/8"-9 x 8"	10
ZN-19166	RP	7/8"-9 x 10"	5
ZN-19168	RC	1"-8 x 2-1/2"	1
ZN-19170	RC	1"-8 x 3"	1
ZN-19172	RC	1"-8 x 3-1/2"	1
ZN-19174	RC	1"-8 x 4"	1
ZN-19176	RP	1"-8 x 5"	1
ZN-19178	RP	1"-8 x 6"	1
ZN-19180	RP	1"-8 x 8"	1
ZN-19182	RP	1"-8 x 10"	1
ZN-19184	RP	1"-8 x 12"	1

Código	Rosca	Medidas	MIN
ZN-19310	RC	1/4"-20 x 1/2"	100
ZN-19312	RC	1/4"-20 x 3/4"	100
ZN-19314	RC	1/4"-20 x 1"	100
ZN-19316	RC	1/4"-20 x 1-1/4"	100
ZN-19318	RC	1/4"-20 x 1-1/2"	100
ZN-19318-RP	RP	1/4"-20 x 1-1/2"	100
ZN-19320	RC	1/4"-20 x 1-3/4"	100
ZN-19320-RP	RP	1/4"-20 x 1-3/4"	100
ZN-19322	RC	1/4"-20 x 2"	100
ZN-19324	RC	1/4"-20 x 2-1/2"	100
ZN-19324-RP	RP	1/4"-20 x 2-1/2"	100
ZN-19326	RC	1/4"-20 x 3"	50
ZN-19326-RP	RP	1/4"-20 x 3"	50
ZN-19328	RC	1/4"-20 x 3-1/2"	50
ZN-19330	RC	1/4"-20 x 4"	50
ZN-19330-RP	RP	1/4"-20 x 4"	50
ZN-19332	RP	1/4"-20 x 4-1/2"	50
ZN-19334	RP	1/4"-20 x 5"	50
ZN-19335	RP	1/4"-20 x 5-1/2"	-
ZN-19337	RP	1/4"-20 x 6"	-
ZN-19338	RC	5/16"-18 x 3/4"	100
ZN-19340	RC	5/16"-18 x 1"	100
ZN-19342	RC	5/16"-18 x 1-1/4"	100
ZN-19344	RC	5/16"-18 x 1-1/2"	100
ZN-19346	RC	5/16"-18 x 1-3/4"	100
ZN-19348	RC	5/16"-18 x 2"	100
ZN-19350	RC	5/16"-18 x 2-1/2"	100
ZN-19350-RP	RP	5/16"-18 x 2-1/2"	100
ZN-19352	RC	5/16"-18 x 3"	50
ZN-19352-RP	RP	5/16"-18 x 3"	50
ZN-19354	RC	5/16"-18 x 3-1/2"	50
ZN-19354-RP	RP	5/16"-18 x 3-1/2"	50
ZN-19356	RC	5/16"-18 x 4"	50
ZN-19358	RP	5/16"-18 x 4-1/2"	50
ZN-19360	RP	5/16"-18 x 5"	50
ZN-19362	RP	5/16"-18 x 5-1/2"	50
ZN-19364	RP	5/16"-18 x 6"	50
ZN-19368	RC	3/8"-16 x 3/4"	100
ZN-19370	RC	3/8"-16 x 1"	100
ZN-19372	RC	3/8"-16 x 1-1/4"	100
ZN-19374	RC	3/8"-16 x 1-1/2"	100
ZN-19376	RC	3/8"-16 x 1-3/4"	100
ZN-19378	RC	3/8"-16 x 2"	100
ZN-19380	RC	3/8"-16 x 2-1/2"	50
ZN-19380-RP	RP	3/8"-16 x 2-1/2"	50
ZN-19382	RC	3/8"-16 x 3"	50
ZN-19382-RP	RP	3/8"-16 x 3"	50
ZN-19384	RC	3/8"-16 x 3-1/2"	50
ZN-19384-RP	RP	3/8"-16 x 3-1/2"	50
ZN-19386	RC	3/8"-16 x 4"	50
ZN-19388	RP	3/8"-16 x 4-1/2"	50
ZN-19390	RP	3/8"-16 x 5"	50
ZN-19392	RP	3/8"-16 x 5-1/2"	50
ZN-19394	RP	3/8"-16 x 6"	50
ZN-19396	RP	3/8"-16 x 7"	50
ZN-19398	RP	3/8"-16 x 8"	50
ZN-19400	RP	3/8"-16 x 10"	50
ZN-19401	RC	7/16"-14 x 1"	-
ZN-19401-01	RC	7/16"-14 x 1-1/4"	-
ZN-19401-03	RC	7/16"-14 x 1-1/2"	-
ZN-19401-05	RC	7/16"-14 x 1-3/4"	-
ZN-19401-07	RC	7/16"-14 x 2"	-
ZN-19401-09	RC	7/16"-14 x 2-1/2"	-
ZN-19401-11	RC	7/16"-14 x 3"	-
ZN-19401-13	RC	7/16"-14 x 3-1/2"	-
ZN-19401-15	RC	7/16"-14 x 4"	-
ZN-19401-17	RP	7/16"-14 x 4-1/2"	-
ZN-19401-19	RP	7/16"-14 x 5"	-
ZN-19401-21	RP	7/16"-14 x 5-1/2"	-
ZN-19401-23	RP	7/16"-14 x 6"	-
ZN-19402	RC	1/2"-13 x 1/2"	100
ZN-19406	RC	1/2"-13 x 1"	50
ZN-19408	RC	1/2"-13 x 1-1/4"	50

Código	Rosca	Medidas	MIN
ZN-19410	RC	1/2"-13 x 1-1/2"	50
ZN-19412	RC	1/2"-13 x 1-3/4"	50
ZN-19414	RC	1/2"-13 x 2"	50
ZN-19414-RP	RP	1/2"-13 x 2"	50
ZN-19416	RC	1/2"-13 x 2-1/2"	50
ZN-19416-RP	RP	1/2"-13 x 2-1/2"	50
ZN-19418	RC	1/2"-13 x 3"	25
ZN-19418-RP	RP	1/2"-13 x 3"	25
ZN-19420	RC	1/2"-13 x 3-1/2"	25
ZN-19420-RP	RP	1/2"-13 x 3-1/2"	25
ZN-19422	RC	1/2"-13 x 4"	25
ZN-19424	RP	1/2"-13 x 4-1/2"	25
ZN-19426	RP	1/2"-13 x 5"	25
ZN-19428	RP	1/2"-13 x 5-1/2"	25
ZN-19430	RP	1/2"-13 x 6"	25
ZN-19432	RP	1/2"-13 x 7"	10
ZN-19434	RP	1/2"-13 x 8"	10
ZN-19436	RP	1/2"-13 x 10"	10
ZN-19438	RC	5/8"-11 x 1"	50
ZN-19440	RC	5/8"-11 x 1-1/4"	50
ZN-19442	RC	5/8"-11 x 1-1/2"	25
ZN-19444	RC	5/8"-11 x 1-3/4"	25
ZN-19446	RC	5/8"-11 x 2"	25
ZN-19448	RC	5/8"-11 x 2-1/2"	25
ZN-19448-RP	RP	5/8"-11 x 2-1/2"	25
ZN-19450	RC	5/8"-11 x 3"	25
ZN-19452	RC	5/8"-11 x 3-1/2"	20
ZN-19452-RP	RP	5/8"-11 x 3-1/2"	20
ZN-19454	RC	5/8"-11 x 4"	20
ZN-19456	RP	5/8"-11 x 4-1/2"	20
ZN-19458	RP	5/8"-11 x 5"	15
ZN-19460	RP	5/8"-11 x 5-1/2"	15
ZN-19462	RP	5/8"-11 x 6"	15
ZN-19462-01	RP	5/8"-11 x 7"	-
ZN-19462-03	RP	5/8"-11 x 8"	-
ZN-19462-05	RP	5/8"-11 x 9"	-
ZN-19462-07	RP	5/8"-11 x 10"	-
ZN-19464	RC	3/4"-10 x 1-1/2"	25
ZN-19466	RC	3/4"-10 x 1-3/4"	25
ZN-19468	RC	3/4"-10 x 2"	20
ZN-19470	RC	3/4"-10 x 2-1/2"	20
ZN-19472	RC	3/4"-10 x 3"	20
ZN-19472-RP	RP	3/4"-10 x 3"	20
ZN-19474	RC	3/4"-10 x 3-1/2"	15
ZN-19474-RP	RP	3/4"-10 x 3-1/2"	15
ZN-19476	RC	3/4"-10 x 4"	15
ZN-19478	RP	3/4"-10 x 4-1/2"	10
ZN-19480	RP	3/4"-10 x 5"	10
ZN-19482	RP	3/4"-10 x 5-1/2"	10
ZN-19484	RP	3/4"-10 x 6"	10
ZN-19486	RP	3/4"-10 x 7"	10
ZN-19488	RP	3/4"-10 x 8"	10
ZN-19490	RP	3/4"-10 x 9"	-
ZN-19492	RP	3/4"-10 x 10"	-
ZN-19494	RC	7/8"-9 x 2"	15
ZN-19496	RC	7/8"-9 x 2-1/2"	15
ZN-19498	RC	7/8"-9 x 3"	15
ZN-19500	RC	7/8"-9 x 3-1/2"	15
ZN-19502	RC	7/8"-9 x 4"	15
ZN-19504	RP	7/8"-9 x 4-1/2"	15
ZN-19506	RP	7/8"-9 x 5"	10
ZN-19508	RP	7/8"-9 x 5-1/2"	10
ZN-19510	RP	7/8"-9 x 6"	-
ZN-19520	RC	1"-8 x 2"	1
ZN-19522	RC	1"-8 x 2-1/2"	1
ZN-19524	RC	1"-8 x 3"	1
ZN-19526	RC	1"-8 x 3-1/2"	1
ZN-19528	RC	1"-8 x 4"	1
ZN-19530	RP	1"-8 x 4-1/2"	1
ZN-19532	RP	1"-8 x 5"	1
ZN-19534	RP	1"-8 x 5-1/2"	1
ZN-19536	RP	1"-8 x 6"	1

Tornillo Hexagonal Estructural A325 Negro Estándar

Rosca estándar



Código	Medidas	MIN
ZN-09010	1/2"-13 x 1-1/2"	50
ZN-09012	1/2"-13 x 1-3/4"	50
ZN-09014	1/2"-13 x 2"	50
ZN-09016	1/2"-13 x 2-1/4"	50
ZN-09018	1/2"-13 x 2-1/2"	50
ZN-09020	1/2"-13 x 2-3/4"	25
ZN-09022	1/2"-13 x 3"	25
ZN-09024	5/8"-11 x 1-1/2"	25
ZN-09026	5/8"-11 x 1-3/4"	25
ZN-09028	5/8"-11 x 2"	25
ZN-09030	5/8"-11 x 2-1/4"	25
ZN-09032	5/8"-11 x 2-1/2"	25
ZN-09034	5/8"-11 x 2-3/4"	25
ZN-09036	5/8"-11 x 3"	25
ZN-09038	5/8"-11 x 3-1/2"	20
ZN-09040	3/4"-10 x 1-3/4"	20
ZN-09042	3/4"-10 x 2"	20
ZN-09044	3/4"-10 x 2-1/4"	20
ZN-09046	3/4"-10 x 2-1/2"	20
ZN-09048	3/4"-10 x 2-3/4"	20
ZN-09050	3/4"-10 x 3"	20
ZN-09052	3/4"-10 x 3-1/4"	20
ZN-09054	3/4"-10 x 3-1/2"	20
ZN-09056	3/4"-10 x 4"	20
ZN-09058	1"-8 x 3"	5
ZN-09060	1"-8 x 3-1/2"	5
ZN-09062	1-1/4"-7 x 4"	1
ZN-09064	1-1/4"-7 x 4-1/4"	1

Tornillo Hexagonal G5 Negro Estándar

Rosca estándar



Código	Medidas	MIN
ZN-21011	1/4"-20 x 3/4"	100
ZN-21012	1/4"-20 x 1"	100
ZN-21013	1/4"-20 x 1-1/4"	100
ZN-21014	1/4"-20 x 1-1/2"	100
ZN-21015	1/4"-20 x 1-3/4"	100
ZN-21016	1/4"-20 x 2"	100
ZN-21017	1/4"-20 x 2-1/2"	100
ZN-21018	1/4"-20 x 3"	100
ZN-21019	1/4"-20 x 3-1/2"	100
ZN-21020	1/4"-20 x 4"	100
ZN-21021	1/4"-20 x 4-1/2"	100
ZN-21022	1/4"-20 x 5"	100
ZN-21023	1/4"-20 x 5-1/2"	-
ZN-21024	1/4"-20 x 6"	-
ZN-21036	5/16"-18 x 1/2"	100
ZN-21037	5/16"-18 x 3/4"	100
ZN-21038	5/16"-18 x 1"	100
ZN-21039	5/16"-18 x 1-1/4"	100
ZN-21040	5/16"-18 x 1-1/2"	100
ZN-21041	5/16"-18 x 1-3/4"	100
ZN-21042	5/16"-18 x 2"	100
ZN-21043	5/16"-18 x 2-1/2"	100
ZN-21044	5/16"-18 x 3"	50
ZN-21045	5/16"-18 x 3-1/2"	50
ZN-21046	5/16"-18 x 4"	50
ZN-21047	5/16"-18 x 4-1/2"	50
ZN-21048	5/16"-18 x 5"	50
ZN-21049	5/16"-18 x 5-1/2"	50
ZN-21050	5/16"-18 x 6"	50
ZN-21066	3/8"-16 x 1/2"	100
ZN-21067	3/8"-16 x 3/4"	100
ZN-21068	3/8"-16 x 1"	100
ZN-21069	3/8"-16 x 1-1/4"	100
ZN-21070	3/8"-16 x 1-1/2"	100
ZN-21071	3/8"-16 x 1-3/4"	100
ZN-21072	3/8"-16 x 2"	100
ZN-21073	3/8"-16 x 2-1/2"	50
ZN-21074	3/8"-16 x 3"	50
ZN-21075	3/8"-16 x 3-1/2"	50
ZN-21076	3/8"-16 x 4"	50
ZN-21077	3/8"-16 x 4-1/2"	50
ZN-21078	3/8"-16 x 5"	50
ZN-21079	3/8"-16 x 5-1/2"	50
ZN-21080	3/8"-16 x 6"	50
ZN-21081	3/8"-16 x 7"	10
ZN-21082	7/16"-14 x 1"	100
ZN-21083	7/16"-14 x 1-1/4"	100
ZN-21084	7/16"-14 x 1-1/2"	100
ZN-21085	7/16"-14 x 1-3/4"	100
ZN-21086	7/16"-14 x 2"	100
ZN-21087	7/16"-14 x 2-1/2"	100
ZN-21088	7/16"-14 x 3"	50
ZN-21089	7/16"-14 x 3-1/2"	50
ZN-21090	7/16"-14 x 4"	50
ZN-21091	7/16"-14 x 4-1/2"	50
ZN-21092	7/16"-14 x 5"	50
ZN-21093	7/16"-14 x 5-1/2"	50
ZN-21094	7/16"-14 x 6"	50
ZN-21096	1/2"-13 x 1/2"	50
ZN-21097	1/2"-13 x 3/4"	50
ZN-21098	1/2"-13 x 1"	50
ZN-21099	1/2"-13 x 1-1/4"	50
ZN-21100	1/2"-13 x 1-1/2"	50
ZN-21101	1/2"-13 x 1-3/4"	50

Tornillo Hexagonal Estructural A325 GIC Estándar

Rosca estándar



Código	Medidas	MIN
ZN-09210	1/2"-13 x 1-1/2"	50
ZN-09212	1/2"-13 x 1-3/4"	50
ZN-09214	1/2"-13 x 2"	50
ZN-09216	1/2"-13 x 2-1/4"	50
ZN-09218	1/2"-13 x 2-1/2"	50
ZN-09220	1/2"-13 x 2-3/4"	25
ZN-09222	1/2"-13 x 3"	25
ZN-09224	5/8"-11 x 1-1/2"	25
ZN-09226	5/8"-11 x 1-3/4"	25
ZN-09228	5/8"-11 x 2"	25
ZN-09230	5/8"-11 x 2-1/4"	25
ZN-09232	5/8"-11 x 2-1/2"	25
ZN-09234	5/8"-11 x 2-3/4"	25
ZN-09236	5/8"-11 x 3"	25
ZN-09238	5/8"-11 x 3-1/2"	20
ZN-09240	3/4"-10 x 1-3/4"	20
ZN-09242	3/4"-10 x 2"	20
ZN-09244	3/4"-10 x 2-1/4"	20
ZN-09246	3/4"-10 x 2-1/2"	20
ZN-09248	3/4"-10 x 2-3/4"	20
ZN-09250	3/4"-10 x 3"	20
ZN-09252	3/4"-10 x 3-1/4"	20
ZN-09254	3/4"-10 x 3-1/2"	20
ZN-09256	3/4"-10 x 4"	20

Código	Medidas	MIN
ZN-21102	1/2"-13 x 2"	50
ZN-21103	1/2"-13 x 2-1/2"	50
ZN-21104	1/2"-13 x 3"	25
ZN-21105	1/2"-13 x 3-1/2"	25
ZN-21106	1/2"-13 x 4"	25
ZN-21107	1/2"-13 x 4-1/2"	25
ZN-21108	1/2"-13 x 5"	25
ZN-21109	1/2"-13 x 5-1/2"	25
ZN-21110	1/2"-13 x 6"	25
ZN-21111	1/2"-13 x 7"	25
ZN-21112	1/2"-13 x 8"	25
ZN-21113	1/2"-13 x 9"	25
ZN-21114	1/2"-13 x 10"	25
ZN-21115	9/16"-12 x 1-1/4"	50
ZN-21116	9/16"-12 x 1-1/2"	50
ZN-21117	9/16"-12 x 1-3/4"	50
ZN-21118	9/16"-12 x 2"	50
ZN-21119	9/16"-12 x 2-1/2"	50
ZN-21120	9/16"-12 x 3"	50
ZN-21121	9/16"-12 x 3-1/2"	50
ZN-21122	9/16"-12 x 4"	25
ZN-21123	9/16"-12 x 4-1/2"	25
ZN-21124	9/16"-12 x 5"	25
ZN-21125	9/16"-12 x 5-1/2"	25
ZN-21125-01	9/16"-12 x 6"	25
ZN-21126	5/8"-11 x 1"	25
ZN-21127	5/8"-11 x 1-1/4"	25
ZN-21128	5/8"-11 x 1-1/2"	25
ZN-21129	5/8"-11 x 1-3/4"	25
ZN-21130	5/8"-11 x 2"	25
ZN-21131	5/8"-11 x 2-1/2"	25
ZN-21132	5/8"-11 x 3"	25
ZN-21133	5/8"-11 x 3-1/2"	20
ZN-21134	5/8"-11 x 4"	20
ZN-21135	5/8"-11 x 4-1/2"	20
ZN-21136	5/8"-11 x 5"	15
ZN-21137	5/8"-11 x 5-1/2"	15
ZN-21138	5/8"-11 x 6"	15
ZN-21139	5/8"-11 x 7"	15
ZN-21140	5/8"-11 x 8"	15
ZN-21141	5/8"-11 x 9"	15
ZN-21142	5/8"-11 x 10"	15
ZN-21152	3/4"-10 x 1-1/2"	25
ZN-21153	3/4"-10 x 1-3/4"	25
ZN-21154	3/4"-10 x 2"	25
ZN-21155	3/4"-10 x 2-1/2"	25
ZN-21156	3/4"-10 x 3"	25
ZN-21157	3/4"-10 x 3-1/2"	25
ZN-21158	3/4"-10 x 4"	25
ZN-21159	3/4"-10 x 4-1/2"	10
ZN-21160	3/4"-10 x 5"	10
ZN-21161	3/4"-10 x 5-1/2"	10
ZN-21162	3/4"-10 x 6"	10
ZN-21163	3/4"-10 x 7"	10
ZN-21164	3/4"-10 x 8"	10
ZN-21165	3/4"-10 x 9"	10
ZN-21166	3/4"-10 x 10"	10
ZN-21173	7/8"-9 x 2"	15
ZN-21176	7/8"-9 x 3-1/2"	15
ZN-21177	7/8"-9 x 4"	15
ZN-21178	7/8"-9 x 4-1/2"	10

Código	Medidas	MIN
ZN-21179	7/8"-9 x 5"	10
ZN-21180	7/8"-9 x 5-1/2"	10
ZN-21181	7/8"-9 x 6"	10
ZN-21182	7/8"-9 x 7"	-
ZN-21183	7/8"-9 x 8"	-
ZN-21184	7/8"-9 x 9"	-
ZN-21185	7/8"-9 x 10"	-
ZN-21189	1"-8 x 2"	-
ZN-21190	1"-8 x 2-1/2"	10
ZN-21191	1"-8 x 3"	10
ZN-21192	1"-8 x 3-1/2"	10
ZN-21193	1"-8 x 4"	10
ZN-21194	1"-8 x 4-1/2"	10
ZN-21195	1"-8 x 5"	10
ZN-21196	1"-8 x 5-1/2"	10
ZN-21197	1"-8 x 6"	10
ZN-21198	1"-8 x 7"	-
ZN-21199	1"-8 x 8"	1
ZN-21200	1"-8 x 9"	-
ZN-21201	1"-8 x 10"	-
ZN-21206	1-1/8" x 2-1/2"	10
ZN-21208	1-1/8" x 3"	10
ZN-21210	1-1/8" x 3-1/2"	10
ZN-21212	1-1/8" x 4"	10
ZN-21214	1-1/8" x 4-1/2"	10
ZN-21216	1-1/8" x 5"	10
ZN-21218	1-1/8" x 5-1/2"	10
ZN-21220	1-1/8" x 6"	5
ZN-21222	1-1/8" x 6-1/2"	5
ZN-21224	1-1/8" x 7"	5
ZN-21226	1-1/8" x 8"	5
ZN-21228	1-1/8" x 9"	5
ZN-21230	1-1/8" x 10"	5
ZN-21232	1-1/8" x 11"	5
ZN-21234	1-1/8" x 12"	5
ZN-21236	1-1/4" x 2-1/2"	5
ZN-21238	1-1/4" x 3"	5
ZN-21240	1-1/4" x 3-1/2"	5
ZN-21242	1-1/4" x 4"	5
ZN-21244	1-1/4" x 4-1/2"	5
ZN-21246	1-1/4" x 5"	5
ZN-21248	1-1/4" x 5-1/2"	5
ZN-21250	1-1/4" x 6"	5
ZN-21252	1-1/4" x 6-1/2"	5
ZN-21254	1-1/4" x 7"	5
ZN-21256	1-1/4" x 8"	5
ZN-21258	1-1/4" x 9"	5
ZN-21260	1-1/4" x 10"	5
ZN-21262	1-1/4" x 11"	5
ZN-21264	1-1/4" x 12"	5
ZN-21266	1-1/2" x 3"	1
ZN-21268	1-1/2" x 3-1/2"	1
ZN-21270	1-1/2" x 4"	1
ZN-21272	1-1/2" x 4-1/2"	1
ZN-21274	1-1/2" x 5"	1
ZN-21276	1-1/2" x 5-1/2"	1
ZN-21278	1-1/2" x 6"	1
ZN-21280	1-1/2" x 7"	1
ZN-21282	1-1/2" x 8"	1
ZN-21284	1-1/2" x 9"	1
ZN-21286	1-1/2" x 10"	1
ZN-21288	1-1/2" x 11"	1
ZN-21290	1-1/2" x 12"	1

TORNILLOS Y SUJETADORES

Tornillo Hexagonal G8 Negro Estándar

Rosca estándar



Tornillo Hexagonal G8.8 Métrico

Rosca métrica

RC: Rosca Completa

RP: Rosca Parcial

ZN-25106G y ZN-25108G con acabado galvanizado



TORNILLOS Y SUJETADORES

Código	Medidas	MIN
ZN-23010	1/4"-20x1/2"	100
ZN-23012	1/4"-20x3/4"	100
ZN-23014	1/4"-20x1"	100
ZN-23016	1/4"-20x1-1/4"	100
ZN-23018	1/4"-20x1-1/2"	100
ZN-23020	1/4"-20x1-3/4"	100
ZN-23022	1/4"-20x2"	100
ZN-23024	1/4"-20x2-1/4"	100
ZN-23026	1/4"-20x2-1/2"	100
ZN-23028	1/4"-20x3"	100
ZN-23030	1/4"-20x3-1/2"	100
ZN-23032	1/4"-20x4"	100
ZN-23034	5/16"-18x5/8"	100
ZN-23036	5/16"-18x3/4"	100
ZN-23038	5/16"-18x1"	100
ZN-23040	5/16"-18x1-1/4"	100
ZN-23042	5/16"-18x1-1/2"	100
ZN-23044	5/16"-18x2"	100
ZN-23046	5/16"-18x2-1/4"	100
ZN-23048	5/16"-18x2-1/2"	100
ZN-23050	5/16"-18x3"	50
ZN-23052	5/16"-18x3-1/2"	50
ZN-23054	5/16"-18x4"	50
ZN-23056	5/16"-18x4-1/2"	50
ZN-23058	5/16"-18x5"	50
ZN-23060	5/16"-18x5-1/2"	50
ZN-23062	5/16"-18x6"	50
ZN-23064	3/8"-16x3/4"	100
ZN-23066	3/8"-16x1"	100
ZN-23068	3/8"-16x1-1/4"	100
ZN-23070	3/8"-16x1-1/2"	100
ZN-23072	3/8"-16x1-3/4"	100
ZN-23074	3/8"-16x2"	100
ZN-23076	3/8"-16x2-1/4"	100
ZN-23078	3/8"-16x2-1/2"	50
ZN-23080	3/8"-16x3"	50
ZN-23082	3/8"-16x3-1/2"	50
ZN-23084	3/8"-16x4"	50
ZN-23086	3/8"-16x4-1/2"	50
ZN-23088	3/8"-16x5"	50
ZN-23090	3/8"-16x5-1/2"	50
ZN-23092	3/8"-16x6"	50
ZN-23094	7/16"-14x1"	50
ZN-23096	7/16"-14x1-1/4"	50
ZN-23098	7/16"-14x1-1/2"	50
ZN-23100	7/16"-14x1-3/4"	50
ZN-23102	7/16"-14x2"	50
ZN-23104	7/16"-14x2-1/4"	50
ZN-23106	7/16"-14x2-1/2"	50
ZN-23108	7/16"-14x3"	50
ZN-23110	7/16"-14x3-1/2"	50
ZN-23112	7/16"-14x4"	50
ZN-23114	7/16"-14x4-1/2"	50
ZN-23116	7/16"-14x5"	50
ZN-23118	7/16"-14x5-1/2"	50
ZN-23120	7/16"-14x6"	50
ZN-23122	1/2"-13x1"	50
ZN-23124	1/2"-13x1-1/4"	50
ZN-23126	1/2"-13x1-1/2"	50
ZN-23128	1/2"-13x1-3/4"	50
ZN-23130	1/2"-13x2"	50
ZN-23132	1/2"-13x2-1/4"	50
ZN-23134	1/2"-13x2-1/2"	50
ZN-23136	1/2"-13x3"	25

Código	Medidas	MIN
ZN-23138	1/2"-13x3-1/2"	25
ZN-23140	1/2"-13x4"	25
ZN-23142	1/2"-13x4-1/2"	25
ZN-23144	1/2"-13x5"	25
ZN-23146	1/2"-13x5-1/2"	25
ZN-23148	1/2"-13x6"	25
ZN-23150	1/2"-13x6-1/2"	10
ZN-23152	1/2"-13x7"	10
ZN-23154	1/2"-13x8"	10
ZN-23156	1/2"-13x9"	10
ZN-23158	1/2"-13x10"	10
ZN-23160	1/2"-13x11"	10
ZN-23162	1/2"-13x12"	10
ZN-23164	5/8"-11x1-1/4"	25
ZN-23166	5/8"-11x1-1/2"	25
ZN-23168	5/8"-11x1-3/4"	25
ZN-23170	5/8"-11x2"	25
ZN-23172	5/8"-11x2-1/4"	25
ZN-23174	5/8"-11x2-1/2"	25
ZN-23176	5/8"-11x3"	25
ZN-23178	5/8"-11x3-1/2"	20
ZN-23180	5/8"-11x4"	20
ZN-23182	5/8"-11x4-1/2"	20
ZN-23184	5/8"-11x5"	15
ZN-23186	5/8"-11x5-1/2"	15
ZN-23188	5/8"-11x6"	15
ZN-23190	5/8"-11x6-1/2"	15
ZN-23192	5/8"-11x7"	15
ZN-23194	5/8"-11x8"	10
ZN-23196	5/8"-11x9"	10
ZN-23198	5/8"-11x10"	10
ZN-23200	5/8"-11x11"	10
ZN-23202	5/8"-11x12"	10
ZN-23204	3/4"-10x1-1/2"	25
ZN-23206	3/4"-10x1-3/4"	25
ZN-23208	3/4"-10x2"	25
ZN-23210	3/4"-10x2-1/4"	25
ZN-23212	3/4"-10x2-1/2"	25
ZN-23214	3/4"-10x3"	25
ZN-23216	3/4"-10x3-1/2"	25
ZN-23218	3/4"-10x4"	25
ZN-23220	3/4"-10x4-1/2"	10
ZN-23222	3/4"-10x5"	10
ZN-23224	3/4"-10x5-1/2"	10
ZN-23226	3/4"-10x6"	10
ZN-23228	3/4"-10x6-1/2"	10
ZN-23230	3/4"-10x7"	10
ZN-23232	3/4"-10x8"	10
ZN-23234	3/4"-10x9"	10
ZN-23236	3/4"-10x10"	10
ZN-23238	3/4"-10x11"	10
ZN-23240	3/4"-10x12"	10
ZN-23242	7/8"-9x2"	15
ZN-23244	7/8"-9x2-1/2"	15
ZN-23246	7/8"-9x3"	15
ZN-23248	7/8"-9x3-1/2"	15
ZN-23250	7/8"-9x4"	15
ZN-23252	7/8"-9x4-1/2"	10
ZN-23254	7/8"-9x5"	10
ZN-23256	7/8"-9x5-1/2"	10
ZN-23258	7/8"-9x6"	10
ZN-23260	7/8"-9x6-1/2"	10
ZN-23262	7/8"-9x7"	5
ZN-23264	7/8"-9x8"	5

Código	Medidas	MIN
ZN-23266	7/8"-9x9"	5
ZN-23268	7/8"-9x10"	5
ZN-23270	7/8"-9x11"	5
ZN-23272	7/8"-9x12"	5
ZN-23274	1"-8x2"	10
ZN-23276	1"-8x2-1/2"	10
ZN-23278	1"-8x3"	10
ZN-23280	1"-8x3-1/2"	10
ZN-23282	1"-8x4"	10
ZN-23284	1"-8x4-1/2"	5
ZN-23286	1"-8x5"	5
ZN-23288	1"-8x5-1/2"	5
ZN-23290	1"-8x6"	5
ZN-23292	1"-8x6-1/2"	5
ZN-23294	1"-8x7"	5
ZN-23296	1"-8x7-1/2"	5
ZN-23298	1"-8x8"	10
ZN-23300	1"-8x8-1/2"	10
ZN-23302	1"-8x9"	10
ZN-23304	1"-8x10"	10
ZN-23306	1"-8x11"	10
ZN-23308	1"-8x12"	10
ZN-23310	1-1/8"-7x2-1/2"	10
ZN-23312	1-1/8"-7x3"	10
ZN-23314	1-1/8"-7x3-1/2"	10
ZN-23316	1-1/8"-7x4"	10
ZN-23318	1-1/8"-7x4-1/2"	10
ZN-23320	1-1/8"-7x5"	10
ZN-23322	1-1/8"-7x5-1/2"	10
ZN-23324	1-1/8"-7x6"	10
ZN-23326	1-1/8"-7x7"	5
ZN-23328	1-1/8"-7x8"	5
ZN-23330	1-1/8"-7x9"	5
ZN-23332	1-1/8"-7x10"	5
ZN-23334	1-1/8"-7x11"	5
ZN-23336	1-1/8"-7x12"	5
ZN-23338	1-1/4"-7x2-1/2"	5
ZN-23340	1-1/4"-7x3"	5
ZN-23342	1-1/4"-7x3-1/2"	5
ZN-23344	1-1/4"-7x4"	5
ZN-23346	1-1/4"-7x4-1/2"	5
ZN-23348	1-1/4"-7x5"	5
ZN-23350	1-1/4"-7x5-1/2"	5
ZN-23352	1-1/4"-7x6"	5
ZN-23354	1-1/4"-7x7"	1
ZN-23356	1-1/4"-7x8"	1
ZN-23358	1-1/4"-7x9"	1
ZN-23360	1-1/4"-7x10"	1
ZN-23362	1-1/4"-7x11"	1
ZN-23364	1-1/4"-7x12"	1
ZN-23366	1-1/2"-6x3"	1
ZN-23368	1-1/2"-6x3-1/2"	1
ZN-23370	1-1/2"-6x4"	1
ZN-23372	1-1/2"-6x4-1/2"	1
ZN-23374	1-1/2"-6x5"	1
ZN-23376	1-1/2"-6x5-1/2"	1
ZN-23378	1-1/2"-6x6"	1
ZN-23380	1-1/2"-6x7"	1
ZN-23382	1-1/2"-6x8"	1
ZN-23384	1-1/2"-6x9"	1
ZN-23386	1-1/2"-6x10"	1
ZN-23388	1-1/2"-6x11"	1
ZN-23390	1-1/2"-6x12"	1

Código	Rosca	Medidas	MIN
ZN-25010	RC	M6-1.0 x 12 mm	100
ZN-25012	RC	M6-1.0 x 16 mm	100
ZN-25014	RC	M6-1.0 x 20 mm	100
ZN-25016	RC	M6-1.0 x 25 mm	100
ZN-25018	RC	M6-1.0 x 30 mm	100
ZN-25020	RC	M6-1.0 x 35 mm	100
ZN-25022	RC	M6-1.0 x 40 mm	100
ZN-25024	RC	M6-1.0 x 45 mm	100
ZN-25026	RC	M6-1.0 x 50 mm	100
ZN-25028	RP	M6-1.00 x 55 mm	100
ZN-25030	RP	M6-1.00 x 60 mm	100
ZN-25032	RP	M6-1.00 x 70 mm	100
ZN-25034	RP	M6-1.00 x 80 mm	100
ZN-25036	RP	M6-1.00x 90 mm	100
ZN-25038	RP	M6-1.00 x 100 mm	100
ZN-25040	RC	M8-1.25 x 16 mm	100
ZN-25042	RC	M8-1.25 x 20 mm	100
ZN-25044	RC	M8-1.25 x 25 mm	100
ZN-25046	RC	M8-1.25 x 30 mm	100
ZN-25048	RC	M8-1.25 x 35 mm	100
ZN-25050	RC	M8-1.25 x 40 mm	100
ZN-25052	RC	M8-1.25 x 45 mm	100
ZN-25054	RC	M8-1.25 x 50 mm	100
ZN-25056	RP	M8-1.25 x 55 mm	100
ZN-25058	RP	M8-1.25 x 60 mm	100
ZN-25060	RP	M8-1.25 x 65 mm	100
ZN-25062	RP	M8-1.25 x 70 mm	50
ZN-25064	RP	M8-1.25 x 80 mm	50
ZN-25066	RP	M8-1.25 x 90 mm	50
ZN-25068	RP	M8-1.25 x 100 mm	50
ZN-25070	RP	M8-1.25 x 110 mm	50
ZN-25072	RP	M8-1.25 x 120 mm	50
ZN-25074	RC	M10-1.50 x 16 mm	100
ZN-25076	RC	M10-1.50 x 20 mm	100
ZN-25078	RC	M10-1.50 x 25 mm	100
ZN-25080	RC	M10-1.50 x 30 mm	100
ZN-25082	RC	M10-1.50 x 35 mm	100
ZN-25084	RC	M10-1.50 x 40 mm	100
ZN-25086	RC	M10-1.50 x 45 mm	100
ZN-25088	RC	M10-1.50 x 50 mm	50
ZN-25090	RC	M10-1.50 x 55 mm	50
ZN-25092	RC	M10-1.50 x 60 mm	50
ZN-25094	RP	M10-1.50 x 65 mm	50
ZN-25096	RP	M10-1.50 x 70 mm	50
ZN-25098	RP	M10-1.50 x 80 mm	50
ZN-25100	RP	M10-1.50 x 90 mm	50
ZN-25102	RP	M10-1.50 x 100 mm	50
ZN-25104	RP	M10-1.50 x 110 mm	25

Código	Rosca	Medidas	MIN
ZN-25106	RP	M10-1.50 x 120 mm	25
ZN-25106G	RP	M10-1.50 x 130 mm	25
ZN-25108	RP	M10-1.50 x 140 mm	25
ZN-25108G	RP	M10-1.50 x 130 mm	25
ZN-25110	RP	M10-1.50 x 150 mm	25
ZN-25112	RP	M10-1.50 x 120 mm	25
ZN-25114	RC	M12-1.75 x 25 mm	50
ZN-25116	RC	M12-1.75 x 30 mm	50
ZN-25118	RC	M12-1.75 x 35 mm	50
ZN-25120	RC	M12-1.75 x 40 mm	50
ZN-25122	RC	M12-1.75 x 45 mm	50
ZN-25124	RC	M12-1.75 x 50 mm	50
ZN-25126	RC	M12-1.75 x 55 mm	50
ZN-25128	RC	M12-1.75 x 60 mm	50
ZN-25130	RP	M12-1.75 x 65 mm	25
ZN-25132	RP	M12-1.75 x 70 mm	25
ZN-25134	RP	M12-1.75 x 80 mm	25
ZN-25136	RP	M12-1.75 x 90 mm	25
ZN-25138	RP	M12-1.75 x 100 mm	25
ZN-25140	RP	M12-1.75 x 110 mm	25
ZN-25142	RP	M12-1.75 x 120 mm	25
ZN-25144	RP	M12-1.75 x 130 mm	25
ZN-25146	RP	M12-1.75 x 140 mm	25
ZN-25148	RP	M12-1.75 x 150 mm	25
ZN-25150	RC	M16-2.0 x 40 mm	25
ZN-25152	RC	M16-2.0 x 45 mm	25
ZN-25154	RC	M16-2.0 x 50 mm	25
ZN-25156	RC	M16-2.0 x 55 mm	25
ZN-25158	RC	M16-2.0 x 60 mm	25
ZN-25160	RP	M16-2.00 x 70 mm	25
ZN-25162	RP	M16-2.00 x 80 mm	20
ZN-25164	RP	M16-2.00 x 90 mm	20
ZN-25166	RP	M16-2.00 x 100 mm	20
ZN-25168	RP	M16-2.00 x 110 mm	20
ZN-25170	RP	M16-2.00 x 120 mm	20
ZN-25172</			

Tornillo Allen Cilíndrico Estándar

Rosca estándar



NUEVO

Tornillo Socket G12.9 Cilíndrico Métrico

Rosca métrica



NUEVO



Código	Medidas	MIN
ZN-11200	4-40 x 1/4"	100
ZN-11202	4-40 x 3/8"	100
ZN-11204	4-40 x 1/2"	100
ZN-11206	4-40 x 5/8"	100
ZN-11208	4-40 x 3/4"	100
ZN-11210	4-40 x 1"	100
ZN-11212	5-40 x 1/4"	100
ZN-11214	5-40 x 3/8"	100
ZN-11216	5-40 x 1/2"	100
ZN-11218	5-40 x 5/8"	100
ZN-11220	5-40 x 3/4"	100
ZN-11222	5-40 x 1"	100
ZN-11224	5-40 x 1-1/4"	100
ZN-11226	5-40 x 1-1/2"	100
ZN-11228	5-40 x 2"	100
ZN-11230	6-32 x 1/4"	100
ZN-11232	6-32 x 3/8"	100
ZN-11234	6-32 x 1/2"	100
ZN-11236	6-32 x 5/8"	100
ZN-11238	6-32 x 3/4"	100
ZN-11240	6-32 x 1"	100
ZN-11242	6-32 x 1-1/4"	100
ZN-11244	6-32 x 1-1/2"	100
ZN-11246	6-32 x 2"	100
ZN-11248	8-32 x 1/4"	100
ZN-11250	8-32 x 3/8"	100
ZN-11252	8-32 x 1/2"	100
ZN-11254	8-32 x 3/4"	100
ZN-11256	8-32 x 1"	100
ZN-11258	8-32 x 1-1/4"	100
ZN-11260	8-32 x 1-1/2"	100
ZN-11262	8-32 x 2"	100
ZN-11264	8-32 x 2-1/2"	100
ZN-11266	8-32 x 3"	100
ZN-11268	10-24 x 3/8"	100
ZN-11270	10-24 x 1/2"	100
ZN-11272	10-24 x 5/8"	100
ZN-11274	10-24 x 3/4"	100
ZN-11276	10-24 x 1"	100
ZN-11278	10-24 x 1-1/4"	100
ZN-11280	10-24 x 1-1/2"	100
ZN-11281	10-24 x 1-3/4"	100
ZN-11282	10-24 x 2"	100
ZN-11283	10-24 x 2-1/4"	50
ZN-11284	10-24 x 2-1/2"	50
ZN-11286	10-24 x 3"	50
ZN-11288	10-24 x 3-1/2"	100
ZN-11008	1/4"-20 x 3/8"	100
ZN-11010	1/4"-20 x 1/2"	100
ZN-11012	1/4"-20 x 5/8"	100
ZN-11014	1/4"-20 x 3/4"	100
ZN-11015	1/4"-20 x 7/8"	100
ZN-11016	1/4"-20 x 1"	100
ZN-11018	1/4"-20 x 1-1/4"	100
ZN-11020	1/4"-20 x 1-1/2"	100
ZN-11022	1/4"-20 x 1-3/4"	100
ZN-11024	1/4"-20 x 2"	100
ZN-11025	1/4"-20 x 2-1/4"	100
ZN-11026	1/4"-20 x 2-1/2"	50
ZN-11027	1/4"-20 x 2-3/4"	100
ZN-11028	1/4"-20 x 3"	50
ZN-11030	1/4"-20 x 3-1/2"	50
ZN-11032	1/4"-20 x 4"	50
ZN-11033	1/4"-20 x 4-1/2"	50

Código	Medidas	MIN
ZN-11033-02	1/4"-20 x 5"	50
ZN-11033-04	1/4"-20 x 5-1/2"	50
ZN-11033-06	1/4"-20 x 6"	50
ZN-11034	5/16"-18 x 1/2"	100
ZN-11036	5/16"-18 x 5/8"	100
ZN-11038	5/16"-18 x 3/4"	100
ZN-11039	5/16"-18 x 7/8"	100
ZN-11040	5/16"-18 x 1"	100
ZN-11042	5/16"-18 x 1-1/4"	100
ZN-11044	5/16"-18 x 1-1/2"	100
ZN-11045	5/16"-18 x 1-3/4"	100
ZN-11046	5/16"-18 x 2"	100
ZN-11047	5/16"-18 x 2-1/4"	100
ZN-11048	5/16"-18 x 2-1/2"	50
ZN-11049	5/16"-18 x 2-3/4"	100
ZN-11050	5/16"-18 x 3"	50
ZN-11052	5/16"-18 x 3-1/2"	50
ZN-11054	5/16"-18 x 4"	50
ZN-11055	5/16"-18 x 4-1/2"	50
ZN-11055-02	5/16"-18 x 5"	50
ZN-11055-04	5/16"-18 x 5-1/2"	50
ZN-11055-06	5/16"-18 x 6"	50
ZN-11056	3/8"-16 x 1/2"	100
ZN-11058	3/8"-16 x 5/8"	100
ZN-11060	3/8"-16 x 3/4"	100
ZN-11061	3/8"-16 x 7/8"	100
ZN-11062	3/8"-16 x 1"	100
ZN-11064	3/8"-16 x 1-1/4"	100
ZN-11066	3/8"-16 x 1-1/2"	100
ZN-11067	3/8"-16 x 1-3/4"	100
ZN-11068	3/8"-16 x 2"	100
ZN-11069	3/8"-16 x 2-1/4"	100
ZN-11070	3/8"-16 x 2-1/2"	50
ZN-11071	3/8"-16 x 2-3/4"	100
ZN-11072	3/8"-16 x 3"	50
ZN-11074	3/8"-16 x 3-1/2"	50
ZN-11076	3/8"-16 x 4"	50
ZN-11077	3/8"-16 x 4-1/2"	50
ZN-11078	3/8"-16 x 5"	50
ZN-11079	3/8"-16 x 5-1/2"	50
ZN-11080	3/8"-16 x 6"	200
ZN-11081	7/16"-14 x 3/4"	100
ZN-11081-02	7/16"-14 x 1"	100
ZN-11081-04	7/16"-14 x 1-1/4"	100
ZN-11081-06	7/16"-14 x 1-1/2"	100
ZN-11081-08	7/16"-14 x 1-3/4"	100
ZN-11081-10	7/16"-14 x 2"	100
ZN-11081-12	7/16"-14 x 2-1/2"	100
ZN-11081-14	7/16"-14 x 3"	50
ZN-11081-16	7/16"-14 x 3-1/2"	50
ZN-11081-18	7/16"-14 x 4"	50
ZN-11082	1/2"-13 x 1/2"	50
ZN-11084	1/2"-13 x 3/4"	50
ZN-11086	1/2"-13 x 1"	50
ZN-11088	1/2"-13 x 1-1/4"	50
ZN-11090	1/2"-13 x 1-1/2"	50
ZN-11091	1/2"-13 x 1-3/4"	50
ZN-11092	1/2"-13 x 2"	50
ZN-11094	1/2"-13 x 2-1/4"	50
ZN-11096	1/2"-13 x 2-1/2"	25
ZN-11098	1/2"-13 x 2-3/4"	25
ZN-11100	1/2"-13 x 3"	25
ZN-11102	1/2"-13 x 3-1/2"	25
ZN-11104	1/2"-13 x 4"	25

Código	Medidas	MIN
ZN-11106	1/2"-13 x 4-1/2"	25
ZN-11108	1/2"-13 x 5"	25
ZN-11110	1/2"-13 x 5-1/2"	25
ZN-11112	1/2"-13 x 6"	25
ZN-11113	1/2"-13 x 7"	25
ZN-11114	5/8"-11 x 1"	50
ZN-11116	5/8"-11 x 1-1/4"	50
ZN-11118	5/8"-11 x 1-1/2"	25
ZN-11119	5/8"-11 x 1-3/4"	50
ZN-11120	5/8"-11 x 2"	25
ZN-11122	5/8"-11 x 2-1/4"	25
ZN-11124	5/8"-11 x 2-1/2"	25
ZN-11126	5/8"-11 x 2-3/4"	25
ZN-11128	5/8"-11 x 3"	25
ZN-11130	5/8"-11 x 3-1/2"	20
ZN-11132	5/8"-11 x 4"	20
ZN-11134	5/8"-11 x 4-1/2"	20
ZN-11136	5/8"-11 x 5"	15
ZN-11138	5/8"-11 x 5-1/2"	15
ZN-11140	5/8"-11 x 6"	15
ZN-11142	3/4"-10 x 1-1/4"	25
ZN-11143	3/4"-10 x 1-3/4"	50
ZN-11144	3/4"-10 x 1-1/2"	25
ZN-11146	3/4"-10 x 2"	20
ZN-11148	3/4"-10 x 2-1/4"	20
ZN-11150	3/4"-10 x 2-1/2"	15
ZN-11152	3/4"-10 x 2-3/4"	15
ZN-11154	3/4"-10 x 3"	15
ZN-11156	3/4"-10 x 3-1/2"	10
ZN-11158	3/4"-10 x 4"	10
ZN-11160	3/4"-10 x 4-1/2"	10
ZN-11162	3/4"-10 x 5"	10
ZN-11164	3/4"-10 x 5-1/2"	10
ZN-11166	3/4"-10 x 6"	10
ZN-11168	7/8"-9 x 2-1/2"	5
ZN-11170	7/8"-9 x 3"	5
ZN-11172	7/8"-9 x 3-1/2"	5
ZN-11174	7/8"-9 x 4"	5
ZN-11176	7/8"-9 x 4-1/2"	5
ZN-11178	7/8"-9 x 5"	5
ZN-11180	7/8"-9 x 5-1/2"	5
ZN-11182	7/8"-9 x 6"	5
ZN-11183	1"-8 x 2"	10
ZN-11184	1"-8 x 2-1/2"	1
ZN-11186	1"-8 x 3"	1
ZN-11188	1"-8 x 3-1/2"	1
ZN-11190	1"-8 x 4"	1
ZN-11192	1"-8 x 4-1/2"	1
ZN-11194	1"-8 x 5"	1
ZN-11196	1"-8 x 5-1/2"	1
ZN-11198	1"-8 x 6"	1
ZN-11198-05	1-1/4"-7 x 3-1/2"	1
ZN-11198-10	1-1/4"-7 x 4"	1
ZN-11198-15	1-1/4"-7 x 4-1/2"	1
ZN-11198-20	1-1/4"-7 x 5"	1
ZN-11198-25	1-1/4"-7 x 5-1/2"	1
ZN-11198-30	1-1/4"-7 x 6"	1
ZN-11198-35	1-1/4"-7 x 7"	1
ZN-11198-40	1-1/4"-7 x 8"	1
ZN-11198-45	1-1/4"-7 x 10"	1
ZN-11198-50	1-1/4"-7 x 12"	1

Código	Medidas	MIN
ZN-11410	M3-0.50x8 mm	100
ZN-11412	M3-0.50x10 mm	100
ZN-11414	M3-0.50x12 mm	100
ZN-11416	M3-0.50x16 mm	100
ZN-11418	M3-0.50x20 mm	100
ZN-11420	M3-0.50x25 mm	100
ZN-11422	M3-0.50x30 mm	100
ZN-11424	M3-0.50x35 mm	100
ZN-11426	M3-0.50x40 mm	100
ZN-11428	M4-0.70x10 mm	100
ZN-11430	M4-0.70x12 mm	100
ZN-11432	M4-0.70x16 mm	100
ZN-11434	M4-0.70x20 mm	100
ZN-11436	M4-0.70x25 mm	100
ZN-11438	M4-0.70x30 mm	100
ZN-11440	M4-0.70x35 mm	100
ZN-11442	M4-0.70x40 mm	100
ZN-11444	M4-0.70x45 mm	100
ZN-11446	M4-0.70x50 mm	100
ZN-11448	M4-0.70x55 mm	100
ZN-11450	M5-0.80x10 mm	100
ZN-11452	M5-0.80x12 mm	100
ZN-11454	M5-0.80x16 mm	100
ZN-11456	M5-0.80x20 mm	100
ZN-11458	M5-0.80x25 mm	100
ZN-11460	M5-0.80x30 mm	100
ZN-11462	M5-0.80x35 mm	100
ZN-11464	M5-0.80x40 mm	100
ZN-11466	M5-0.80x50 mm	100
ZN-11468	M6-1.0x10 mm	100
ZN-11470	M6-1.0x12 mm	100
ZN-11472	M6-1.0x16 mm	100
ZN-11474	M6-1.0x20 mm	100
ZN-11476	M6-1.0x25 mm	100
ZN-11478	M6-1.0x30 mm	100
ZN-11480	M6-1.0x35 mm	100
ZN-11482	M6-1.0x40 mm	100
ZN-11484	M6-1.0x45 mm	100
ZN-11486	M6-1.0x50 mm	100
ZN-11488	M6-1.0x60 mm	100
ZN-11490	M6-1.0x65 mm	100
ZN-11492	M6-1.0x70 mm	100
ZN-11494	M8-1.25x20 mm	100
ZN-11496	M8-1.25x25 mm	100
ZN-11498	M8-1.25x30 mm	100
ZN-11500	M8-1.25x35 mm	100
ZN-11502	M8-1.25x40 mm	100
ZN-11504	M8-1.25x45 mm	100
ZN-11506	M8-1.25x50 mm	100
ZN-11508	M8-1.25x55 mm	100
ZN-11510	M8-1.25x60 mm	100
ZN-11512	M8-1.25x70 mm	100
ZN-11514	M8-1.25x80 mm	100
ZN-11516	M8-1.25x90 mm	100
ZN-11518	M8-1.25x100 mm	100
ZN-11520	M10-1.5x20 mm	100
ZN-11522	M10-1.5x25 mm	100
ZN-11524	M10-1.5x30 mm	100
ZN-11526	M10-1.5x35 mm	100

Código	Medidas	MIN
ZN-11528	M10-1.5x40 mm	100
ZN-11530	M10-1.5x45 mm	100
ZN-11532	M10-1.5x50 mm	50
ZN-11534	M10-1.5x55 mm	50
ZN-11536	M10-1.5x60 mm	50
ZN-11538	M10-1.5x70 mm	50
ZN-11540	M10-1.5x75 mm	50
ZN-11542	M10-1.5x80 mm	50
ZN-11544	M10-1.5x90 mm	50
ZN-11546	M10-1.5x100 mm	50
ZN-11548	M12-1.75x25 mm	50
ZN-11550	M12-1.75x30 mm	50
ZN-11552	M12-1.75x35 mm	50
ZN-11554	M12-1.75x40 mm	50
ZN-11556	M12-1.75x45 mm	50
ZN-11558	M12-1.75x50 mm	50
ZN-11560	M12-1.75x55 mm	50
ZN-11562	M12-1.75x60 mm	50
ZN-11564	M12-1.75x70 mm	50
ZN-11566	M12-1.75x80 mm	50
ZN-11568	M12-1.75x100 mm	25
ZN-11570	M16-2.0x30 mm	25
ZN-11572	M16-2.0x35 mm	25
ZN-11574	M16-2.0x40 mm	25
ZN-11576	M16-2.0x45 mm	25
ZN-11578	M16-2.0x50 mm	25
ZN-11580	M16-2.0x60 mm	25
ZN-11582	M16-2.0x65 mm	25
ZN-11584	M16-2.0x70 mm	25
ZN-11586	M16-2.0x80 mm	20
ZN-11588	M16-2.0x90 mm	20
ZN-11590	M16-2.0x100 mm	20
ZN-11600	M20-2.50x30mm	5
ZN-11605	M20-2.50x35mm	5
ZN-11610	M20-2.50x40mm	5

Tornillo Allen Cabeza Plana Estándar

Rosca estándar



Código	Medidas	MIN
ZN-13010	4-40 x 3/8"	100
ZN-13012	4-40 x 1/2"	100
ZN-13014	4-40 x 5/8"	100
ZN-13016	4-40 x 3/4"	100
ZN-13018	4-40 x 1"	100
ZN-13020	5-40 x 3/8"	100
ZN-13022	5-40 x 1/2"	100
ZN-13024	5-40 x 5/8"	100
ZN-13026	5-40 x 3/4"	100
ZN-13028	5-40 x 1"	100
ZN-13030	6-32 x 3/8"	100
ZN-13032	6-32 x 1/2"	100
ZN-13034	6-32 x 5/8"	100
ZN-13036	6-32 x 3/4"	100
ZN-13038	6-32 x 1"	100
ZN-13040	6-32 x 1-1/4"	100
ZN-13042	8-32 x 3/8"	100
ZN-13044	8-32 x 1/2"	100
ZN-13046	8-32 x 5/8"	100
ZN-13048	8-32 x 3/4"	100
ZN-13050	8-32 x 1"	100
ZN-13052	8-32 x 1-1/4"	100
ZN-13054	8-32 x 1-1/2"	100
ZN-13056	10-24 x 3/8"	100
ZN-13058	10-24 x 1/2"	100
ZN-13060	10-24 x 5/8"	100
ZN-13062	10-24 x 3/4"	100
ZN-13064	10-24 x 1-1/4"	100
ZN-13066	10-24 x 1-1/2"	100
ZN-13068	10-24 x 2"	100
ZN-13070	10-24 x 2-1/2"	100
ZN-13072	10-32 x 1/2"	100
ZN-13074	1/4"-20 x 1/2"	100
ZN-13076	1/4"-20 x 5/8"	100
ZN-13078	1/4"-20 x 3/4"	100
ZN-13080	1/4"-20 x 1"	100
ZN-13082	1/4"-20 x 1-1/4"	100
ZN-13084	1/4"-20 x 1-1/2"	100
ZN-13086	1/4"-20 x 1-3/4"	100
ZN-13088	5/16"-18 x 1/2"	100
ZN-13090	5/16"-18 x 3/4"	100
ZN-13092	5/16"-18 x 1"	100
ZN-13094	5/16"-18 x 1-1/4"	100
ZN-13096	5/16"-18 x 1-1/2"	100
ZN-13098	5/16"-18 x 2"	100
ZN-13100	5/16"-18 x 2-1/2"	100
ZN-13102	5/16"-18 x 3"	100
ZN-13104	3/8"-16 x 1"	100
ZN-13106	3/8"-16 x 1-1/4"	100
ZN-13108	3/8"-16 x 1-1/2"	100
ZN-13110	3/8"-16 x 1-3/4"	100
ZN-13112	3/8"-16 x 2"	100
ZN-13114	3/8"-16 x 2-1/4"	50
ZN-13116	3/8"-16 x 2-1/2"	50
ZN-13118	3/8"-16 x 3"	50
ZN-13120	3/8"-16 x 3-1/2"	50
ZN-13122	3/8"-16 x 4"	50
ZN-13124	1/2"-13 x 1"	50
ZN-13126	1/2"-13 x 1-1/4"	50
ZN-13128	1/2"-13 x 1-1/2"	50
ZN-13130	1/2"-13 x 1-3/4"	50
ZN-13132	1/2"-13 x 2-1/4"	50
ZN-13134	1/2"-13 x 3"	50
ZN-13136	1/2"-13 x 3-1/2"	25
ZN-13138	5/8"-11 x 1-1/4"	25
ZN-13140	5/8"-11 x 1-1/2"	25
ZN-13142	5/8"-11 x 1-3/4"	25
ZN-13144	5/8"-11 x 2-1/4"	25
ZN-13146	5/8"-11 x 3"	25
ZN-13148	5/8"-11 x 3-1/2"	25
ZN-13150	5/8"-11 x 4"	20
ZN-13152	3/4"-10 x 2-1/2"	20
ZN-13154	3/4"-10 x 3"	20
ZN-13156	3/4"-10 x 3-1/2"	10
ZN-13158	3/4"-10 x 4"	10

Tornillo Allen Cabeza Plana Métrico

Rosca métrica



Código	Medidas	MIN
ZN-13410	M3-0.50 x 10 mm	100
ZN-13412	M3-0.50 x 12 mm	100
ZN-13414	M3-0.50 x 16 mm	100
ZN-13416	M3-0.50 x 20 mm	100
ZN-13418	M4-0.70 x 8 mm	100
ZN-13420	M4-0.70 x 10 mm	100
ZN-13422	M4-0.70 x 12 mm	100
ZN-13424	M4-0.70 x 16 mm	100
ZN-13426	M4-0.70 x 20 mm	100
ZN-13428	M4-0.70 x 25 mm	100
ZN-13430	M4-0.70 x 35 mm	100
ZN-13432	M5-0.80 x 8 mm	100
ZN-13434	M5-0.80 x 10 mm	100
ZN-13436	M5-0.80 x 12 mm	100
ZN-13438	M5-0.80 x 16 mm	100
ZN-13440	M5-0.80 x 20 mm	100
ZN-13442	M5-0.80 x 25 mm	100
ZN-13444	M5-0.80 x 30 mm	100
ZN-13446	M5-0.80 x 35 mm	100
ZN-13448	M5-0.80 x 40 mm	100
ZN-13450	M5-0.80 x 50 mm	100
ZN-13452	M6-1 x 10 mm	100
ZN-13454	M6-1 x 12 mm	100
ZN-13456	M6-1 x 16 mm	100
ZN-13458	M6-1 x 20 mm	100
ZN-13460	M6-1 x 25 mm	100
ZN-13462	M6-1 x 30 mm	100
ZN-13464	M6-1 x 35 mm	100
ZN-13466	M6-1 x 40 mm	100
ZN-13468	M6-1 x 50 mm	100
ZN-13470	M6-1 x 55 mm	100
ZN-13472	M6-1 x 60 mm	100
ZN-13474	M8-1.25 x 16 mm	100
ZN-13476	M8-1.25 x 20 mm	100
ZN-13478	M8-1.25 x 25 mm	100
ZN-13480	M8-1.25 x 30 mm	100
ZN-13482	M8-1.25 x 35 mm	100
ZN-13484	M8-1.25 x 40 mm	100
ZN-13486	M8-1.25 x 45 mm	100
ZN-13488	M8-1.25 x 50 mm	100
ZN-13490	M8-1.25 x 55 mm	100
ZN-13492	M8-1.25 x 60 mm	100
ZN-13494	M10-1.5 x 20 mm	100
ZN-13496	M10-1.5 x 30 mm	100
ZN-13498	M10-1.5 x 35 mm	100
ZN-13500	M10-1.5 x 40 mm	100
ZN-13502	M10-1.5 x 45 mm	50
ZN-13504	M10-1.5 x 50 mm	50
ZN-13506	M10-1.5 x 55 mm	50
ZN-13508	M10-1.5 x 60 mm	50
ZN-13510	M12-1.75 x 25 mm	50
ZN-13512	M12-1.75 x 30 mm	50
ZN-13514	M12-1.75 x 35 mm	50
ZN-13516	M12-1.75 x 40 mm	50
ZN-13518	M12-1.75 x 45 mm	50
ZN-13520	M12-1.75 x 50 mm	50
ZN-13522	M12-1.75 x 55 mm	25
ZN-13524	M12-1.75 x 60 mm	25
ZN-13526	M12-1.75 x 70 mm	25

Tornillo Allen Cabeza de Botón Estándar

Rosca estándar



Código	Medidas	MIN
ZN-15010	6-32 x 1/4"	100
ZN-15012	6-32 x 3/8"	100
ZN-15014	6-32 x 1/2"	100
ZN-15016	6-32 x 5/8"	100
ZN-15018	6-32 x 3/4"	100
ZN-15020	6-32 x 1"	100
ZN-15022	8-32 x 3/8"	100
ZN-15024	8-32 x 1/2"	100
ZN-15026	8-32 x 3/4"	100
ZN-15028	8-32 x 1"	100
ZN-15030	10-24 x 3/8"	100
ZN-15032	10-24 x 1/2"	100
ZN-15034	10-24 x 5/8"	100
ZN-15036	10-24 x 3/4"	100
ZN-15038	10-24 x 1"	100
ZN-15040	10-24 x 1-1/4"	100
ZN-15042	10-24 x 1-1/2"	100
ZN-15044	10-24 x 2"	100
ZN-15046	10-32 x 3/4"	100
ZN-15048	1/4"-20 x 3/8"	100
ZN-15050	1/4"-20 x 1/2"	100
ZN-15052	1/4"-20 x 5/8"	100
ZN-15054	1/4"-20 x 3/4"	100
ZN-15056	1/4"-20 x 7/8"	100
ZN-15058	1/4"-20 x 1"	100
ZN-15060	1/4"-20 x 1-1/2"	100
ZN-15062	1/4"-20 x 2"	100

Código	Medidas	MIN
ZN-15064	5/16"-18 x 1/2"	100
ZN-15066	5/16"-18 x 5/8"	100
ZN-15068	5/16"-18 x 3/4"	100
ZN-15070	5/16"-18 x 1"	100
ZN-15072	5/16"-18 x 1-1/4"	100
ZN-15074	5/16"-18 x 1-1/2"	100
ZN-15076	5/16"-18 x 1-3/4"	100
ZN-15078	5/16"-18 x 2"	100
ZN-15080	5/16"-18 x 2-1/2"	50
ZN-15082	5/16"-18 x 3"	50
ZN-15084	3/8"-16 x 1/2"	100
ZN-15086	3/8"-16 x 3/4"	100
ZN-15088	3/8"-16 x 1"	100
ZN-15090	3/8"-16 x 1-1/4"	100
ZN-15092	3/8"-16 x 1-1/2"	50
ZN-15094	3/8"-16 x 2"	50
ZN-15096	3/8"-16 x 2-1/2"	50
ZN-15098	3/8"-16 x 3"	50
ZN-15100	3/8"-16 x 3-1/2"	25
ZN-15102	3/8"-16 x 4"	25
ZN-15104	1/2"-13 x 1"	25
ZN-15106	1/2"-13 x 1-1/2"	25
ZN-15108	1/2"-13 x 2"	25
ZN-15110	1/2"-13 x 3"	25
ZN-15112	1/2"-13 x 3-1/2"	25
ZN-15114	1/2"-13 x 4"	25

Tornillo Allen Cabeza de Botón Métrico

Rosca métrica



Código	Medidas	MIN
ZN-15410	M4-0.70 X 6 mm	100
ZN-15412	M4-0.70 X 8 mm	100
ZN-15414	M4-0.70 X 10 mm	100
ZN-15416	M4-0.70 X 12 mm	100
ZN-15418	M4-0.70 X 16 mm	100
ZN-15420	M4-0.70 X 20 mm	100
ZN-15422	M4-0.70 X 25 mm	100
ZN-15424	M5-0.80 X 8 mm	100
ZN-15426	M5-0.80 X 12 mm	100
ZN-15428	M5-0.80 X 16 mm	100
ZN-15430	M5-0.80 X 20 mm	100
ZN-15432	M5-0.80 X 25 mm	100
ZN-15434	M5-0.80 X 30 mm	100
ZN-15436	M6-1.0 X 10 mm	100
ZN-15438	M6-1.0 X 12 mm	100
ZN-15440	M6-1.0 X 16 mm	100
ZN-15442	M6-1.0 X 20 mm	100
ZN-15444	M6-1.0 X 25 mm	100
ZN-15446	M6-1.0 X 30 mm	100
ZN-15448	M6-1.0 X 35 mm	100
ZN-15450	M6-1.0 X 40 mm	100
ZN-15452	M8-1.25 X 16 mm	100

Código	Medidas	MIN
ZN-15454	M8-1.25 X 20 mm	100
ZN-15456	M8-1.25 X 25 mm	100
ZN-15458	M8-1.25 X 30 mm	100
ZN-15460	M8-1.25 X 35 mm	100
ZN-15462	M8-1.25 X 40 mm	100
ZN-15464	M8-1.25 X 45 mm	100
ZN-15466	M8-1.25 X 50 mm	100
ZN-15468	M10-1.5 X 20 mm	100
ZN-15470	M10-1.5 X 25 mm	50
ZN-15472	M10-1.5 X 30 mm	50
ZN-15474	M10-1.5 X 35 mm	50
ZN-15476	M10-1.5 X 40 mm	50
ZN-15478	M10-1.5 X 45 mm	50
ZN-15480	M10-1.5 X 50 mm	50
ZN-15482	M10-1.5 X 60 mm	25
ZN-15484	M12-1.75 X 25 mm	25
ZN-15486	M12-1.75 X 30 mm	25
ZN-15488	M12-1.75 X 35 mm	25
ZN-15490	M12-1.75 X 40 mm	25
ZN-15492	M12-1.75 X 45 mm	25
ZN-15494	M12-1.75 X 50 mm	25
ZN-15496	M12-1.75 X 60 mm	25

**Tornillo Torx
Cabeza Plana T-23
Negro Estándar**

Rosca estándar



MIN: 200

Código	Medidas
ZN-27210	1/4" x 1-1/2"
ZN-27212	1/4" x 2"
ZN-27214	1/4" x 2-1/2"
ZN-27216	1/4" x 3"
ZN-27218	5/16" x 1-1/2"
ZN-27220	5/16" x 2"
ZN-27222	5/16" x 2-1/2"
ZN-27224	5/16" x 3"

**Tornillo Torx
Cabeza Plana T-23
Galvanizado Estándar**

Rosca estándar



MIN: 200

Código	Medidas
ZN-27310	1/4" x 1-1/2"
ZN-27312	1/4" x 2"
ZN-27314	1/4" x 2-1/2"

**Tornillo Torx
Cabeza Plana Tipo F
Negro Estándar**

Rosca estándar



MIN: 200

Código	Medidas	Código	Medidas
ZN-27010	1/4" x 1"	ZN-27022	1/4" x 4"
ZN-27012	1/4" x 1-1/4"	ZN-27024	1/4" x 5"
ZN-27014	1/4" x 1-1/2"	ZN-27026	5/16" x 1-1/2"
ZN-27016	1/4" x 2"	ZN-27028	5/16" x 2"
ZN-27018	1/4" x 2-1/2"	ZN-27030	5/16" x 2-1/2"
ZN-27020	1/4" x 3"	ZN-27032	5/16" x 3"

**Tornillo Torx
Cabeza Plana Tipo F
Galvanizado Estándar**

Rosca estándar



MIN: 200

Código	Medidas
ZN-27110	1/4" x 1-1/2"
ZN-27112	1/4" x 2"
ZN-27114	1/4" x 2-1/2"
ZN-27116	1/4" x 3"

**Tornillo Estufa
Cabeza Combinada
Estándar**

Rosca estándar



MIN: 100

Código	Medidas	Código	Medidas
ZN-07010	5/32" x 1/2"	ZN-07048	1/4" x 3"
ZN-07012	5/32" x 3/4"	ZN-07050	1/4" x 3-1/2"
ZN-07014	5/32" x 1"	ZN-07052	1/4" x 4"
ZN-07016	5/32" x 1-1/4"	ZN-07054	5/16" x 1"
ZN-07018	5/32" x 1-1/2"	ZN-07056	5/16" x 1-1/2"
ZN-07020	5/32" x 2"	ZN-07058	5/16" x 2"
ZN-07022	3/16" x 1/2"	ZN-07060	5/16" x 2-1/2"
ZN-07024	3/16" x 3/4"	ZN-07062	5/16" x 3"
ZN-07026	3/16" x 1"	ZN-07064	5/16" x 3-1/2"
ZN-07028	3/16" x 1-1/4"	ZN-07066	5/16" x 4"
ZN-07030	3/16" x 1-1/2"		
ZN-07032	3/16" x 2"		
ZN-07034	3/16" x 2-1/2"		
ZN-07036	3/16" x 3"		
ZN-07038	1/4" x 3/4"		
ZN-07040	1/4" x 1"		
ZN-07042	1/4" x 1-1/2"		
ZN-07044	1/4" x 2"		
ZN-07046	1/4" x 2-1/2"		

**Tornillo de Guía
Estándar**

Rosca estándar



Código	Medidas	MIN
ZN-17010	1/4" (10-24) x 1/4"	50
ZN-17012	1/4" (10-24) x 5/16"	50
ZN-17014	1/4" (10-24) x 3/8"	50
ZN-17016	1/4" (10-24) x 1/2"	50
ZN-17018	1/4" (10-24) x 5/8"	50
ZN-17020	1/4" (10-24) x 3/4"	50
ZN-17022	1/4" (10-24) x 7/8"	50
ZN-17024	1/4" (10-24) x 1"	50
ZN-17026	1/4" (10-24) x 1-1/4"	50
ZN-17028	1/4" (10-24) x 1-1/2"	50
ZN-17030	1/4" (10-24) x 1-3/4"	50
ZN-17032	1/4" (10-24) x 2"	50
ZN-17034	5/16" (1/4"-20) x 1/4"	50
ZN-17036	5/16" (1/4"-20) x 5/16"	50
ZN-17038	5/16" (1/4"-20) x 3/8"	50
ZN-17040	5/16" (1/4"-20) x 1/2"	50
ZN-17042	5/16" (1/4"-20) x 5/8"	50
ZN-17044	5/16" (1/4"-20) x 3/4"	50
ZN-17046	5/16" (1/4"-20) x 7/8"	50
ZN-17048	5/16" (1/4"-20) x 1"	50
ZN-17050	5/16" (1/4"-20) x 1-1/4"	50
ZN-17052	5/16" (1/4"-20) x 1-1/2"	50
ZN-17054	5/16" (1/4"-20) x 1-3/4"	50
ZN-17056	5/16" (1/4"-20) x 2"	50
ZN-17058	3/8" (5/16"-18) x 3/8"	25
ZN-17060	3/8" (5/16"-18) x 1/2"	25
ZN-17062	3/8" (5/16"-18) x 5/8"	25
ZN-17064	3/8" (5/16"-18) x 3/4"	25
ZN-17066	3/8" (5/16"-18) x 7/8"	25
ZN-17068	3/8" (5/16"-18) x 1"	25
ZN-17070	3/8" (5/16"-18) x 1-1/4"	25
ZN-17072	3/8" (5/16"-18) x 1-1/2"	25
ZN-17074	3/8" (5/16"-18) x 1-3/4"	25
ZN-17076	3/8" (5/16"-18) x 2"	25
ZN-17078	3/8" (5/16"-18) x 2-1/4"	25
ZN-17080	3/8" (5/16"-18) x 2-1/2"	25
ZN-17082	3/8" (5/16"-18) x 2-3/4"	25

Código	Medidas	MIN
ZN-17084	3/8" (5/16"-18) x 3"	25
ZN-17086	1/2" (3/8"-16) x 3/8"	20
ZN-17088	1/2" (3/8"-16) x 1/2"	20
ZN-17090	1/2" (3/8"-16) x 5/8"	20
ZN-17092	1/2" (3/8"-16) x 3/4"	20
ZN-17094	1/2" (3/8"-16) x 7/8"	20
ZN-17096	1/2" (3/8"-16) x 1"	20
ZN-17098	1/2" (3/8"-16) x 1-1/4"	20
ZN-17100	1/2" (3/8"-16) x 1-1/2"	20
ZN-17102	1/2" (3/8"-16) x 1-3/4"	20
ZN-17104	1/2" (3/8"-16) x 2"	20
ZN-17106	1/2" (3/8"-16) x 2-1/4"	20
ZN-17108	1/2" (3/8"-16) x 2-1/2"	20
ZN-17110	1/2" (3/8"-16) x 2-3/4"	20
ZN-17112	1/2" (3/8"-16) x 3"	20
ZN-17114	1/2" (3/8"-16) x 3-1/4"	20
ZN-17116	1/2" (3/8"-16) x 3-1/2"	20
ZN-17118	1/2" (3/8"-16) x 3-3/4"	20
ZN-17120	1/2" (3/8"-16) x 4"	20
ZN-17122	5/8" (1/2"-13) x 1/2"	15
ZN-17124	5/8" (1/2"-13) x 5/8"	15
ZN-17126	5/8" (1/2"-13) x 3/4"	15
ZN-17128	5/8" (1/2"-13) x 7/8"	15
ZN-17130	5/8" (1/2"-13) x 1"	15
ZN-17132	5/8" (1/2"-13) x 1-1/4"	15
ZN-17134	5/8" (1/2"-13) x 1-1/2"	15
ZN-17136	5/8" (1/2"-13) x 1-3/4"	15
ZN-17138	5/8" (1/2"-13) x 2"	15
ZN-17140	5/8" (1/2"-13) x 2-1/4"	15
ZN-17142	5/8" (1/2"-13) x 2-1/2"	15
ZN-17144	5/8" (1/2"-13) x 2-3/4"	15
ZN-17146	5/8" (1/2"-13) x 3"	15
ZN-17148	5/8" (1/2"-13) x 3-1/4"	15
ZN-17150	5/8" (1/2"-13) x 3-1/2"	15
ZN-17152	5/8" (1/2"-13) x 3-3/4"	15
ZN-17154	5/8" (1/2"-13) x 4"	15

**Tornillo de Guía
Métrico**

Rosca métrica



Código	Medidas	MIN
ZN-17310	M6 x 8 mm (M5-0.8 TRD)	50
ZN-17312	M6 x 10 mm (M5-0.8 TRD)	50
ZN-17314	M6 x 12 mm (M5-0.8 TRD)	50
ZN-17316	M6 x 16 mm (M5-0.8 TRD)	50
ZN-17318	M6 x 20 mm (M5-0.8 TRD)	50
ZN-17320	M6 x 25 mm (M5-0.8 TRD)	50
ZN-17322	M6 x 30 mm (M5-0.8 TRD)	50
ZN-17324	M6 x 35 mm (M5-0.8 TRD)	50
ZN-17326	M6 x 40 mm (M5-0.8 TRD)	50
ZN-17328	M6 x 45 mm (M5-0.8 TRD)	50
ZN-17330	M6 x 50 mm (M5-0.8 TRD)	50
ZN-17332	M6 x 55 mm (M5-0.8 TRD)	50
ZN-17334	M6 x 60 mm (M5-0.8 TRD)	50
ZN-17336	M8 x 10 mm (M6-1.0 TRD)	50
ZN-17338	M8 x 12 mm (M6-1.0 TRD)	50
ZN-17340	M8 x 16 mm (M6-1.0 TRD)	50
ZN-17342	M8 x 20 mm (M6-1.0 TRD)	50
ZN-17344	M8 x 25 mm (M6-1.0 TRD)	50
ZN-17346	M8 x 30 mm (M6-1.0 TRD)	50
ZN-17348	M8 x 35 mm (M6-1.0 TRD)	50
ZN-17350	M8 x 40 mm (M6-1.0 TRD)	50
ZN-17352	M8 x 45 mm (M6-1.0 TRD)	50
ZN-17354	M8 x 50 mm (M6-1.0 TRD)	50
ZN-17356	M8 x 55 mm (M6-1.0 TRD)	50
ZN-17358	M8 x 60 mm (M6-1.0 TRD)	50
ZN-17360	M10 x 10 mm (M8-1.25 TRD)	25
ZN-17362	M10 x 12 mm (M8-1.25 TRD)	25
ZN-17364	M10 x 16 mm (M8-1.25 TRD)	25
ZN-17366	M10 x 25 mm (M8-1.25 TRD)	25
ZN-17368	M10 x 30 mm (M8-1.25 TRD)	25
ZN-17370	M10 x 35 mm (M8-1.25 TRD)	25
ZN-17372	M10 x 40 mm (M8-1.25 TRD)	25
ZN-17374	M10 x 45 mm (M8-1.25 TRD)	25
ZN-17376	M10 x 50 mm (M8-1.25 TRD)	25
ZN-17378	M10 x 55 mm (M8-1.25 TRD)	25
ZN-17380	M10 x 60 mm (M8-1.25 TRD)	25
ZN-17382	M10 x 70 mm (M8-1.25 TRD)	25
ZN-17384	M10 x 75 mm (M8-1.25 TRD)	25
ZN-17386	M10 x 80 mm (M8-1.25 TRD)	25

Código	Medidas	MIN
ZN-17388	M10 x 90 mm (M8-1.25 TRD)	25
ZN-17390	M12 x 16 mm (M10-1.5 TRD)	20
ZN-17392	M12 x 20 mm (M10-1.5 TRD)	20
ZN-17394	M12 x 25 mm (M10-1.5 TRD)	20
ZN-17396	M12 x 30 mm (M10-1.5 TRD)	20
ZN-17398	M12 x 35 mm (M10-1.5 TRD)	20
ZN-17400	M12 x 40 mm (M10-1.5 TRD)	20
ZN-17402	M12 x 45 mm (M10-1.5 TRD)	20
ZN-17404	M12 x 50 mm (M10-1.5 TRD)	20
ZN-17406	M12 x 60 mm (M10-1.5 TRD)	20
ZN-17408	M12 x 65 mm (M10-1.5 TRD)	20
ZN-17410	M12 x 70 mm (M10-1.5 TRD)	20
ZN-17412	M12 x 80 mm (M10-1.5 TRD)	20
ZN-17414	M12 x 100 mm (M10-1.5 TRD)	20
ZN-17416	M16 x 20 mm (M12-1.75 TRD)	15
ZN-17418	M16 x 30 mm (M12-1.75 TRD)	15
ZN-17420	M16 x 35 mm (M12-1.75 TRD)	15
ZN-17422	M16 x 45 mm (M12-1.75 TRD)	15
ZN-17424	M16 x 50 mm (M12-1.75 TRD)	15
ZN-17426	M16 x 55 mm (M12-1.75 TRD)	15
ZN-17428	M16 x 60 mm (M12-1.75 TRD)	15
ZN-17430	M16 x 70 mm (M12-1.75 TRD)	15
ZN-17432	M16 x 75 mm (M12-1.75 TRD)	15
ZN-17434	M16 x 80 mm (M12-1.75 TRD)	15
ZN-17436	M16 x 90 mm (M12-1.75 TRD)	15
ZN-17438	M16 x 100 mm (M12-1.75 TRD)	15
ZN-17440	M20 x 25 mm (M16-2.0 TRD)	10
ZN-17442	M20 x 30 mm (M16-2.0 TRD)	10
ZN-17444	M20 x 35 mm (M16-2.0 TRD)	10
ZN-17446	M20 x 40 mm (M16-2.0 TRD)	10
ZN-17448	M20 x 45 mm (M16-2.0 TRD)	10
ZN-17450	M20 x 55 mm (M16-2.0 TRD)	10
ZN-17452	M20 x 60 mm (M16-2.0 TRD)	10
ZN-17454	M20 x 65 mm (M16-2.0 TRD)	10
ZN-17456	M20 x 75 mm (M16-2.0 TRD)	10
ZN-17458	M20 x 80 mm (M16-2.0 TRD)	10
ZN-17460	M20 x 90 mm (M16-2.0 TRD)	10
ZN-17462	M20 x 100 mm (M16-2.0 TRD)	10

Opresor Allen Estándar

Rosca estándar



DISPONIBLE

En Acero Inoxidable

VER PÁG. 371



WESTON

NUEVO

Opresor Allen Métrico

Rosca métrica



WESTON

Código	Medidas	MIN
ZE-03010	M4-0.7 x 10 mm	250
ZE-03012	M5-0.8 x 6 mm	250
ZE-03014	M5-0.8 x 8 mm	250
ZE-03016	M5-0.8 x 10 mm	100
ZE-03018	M6-1.0 x 10 mm	100
ZE-03020	M6-1.0 x 12 mm	100
ZE-03022	M6-1.0 x 16 mm	100
ZE-03024	M6-1.0 x 20 mm	100
ZE-03026	M8-1.25 x 12 mm	100
ZE-03028	M8-1.25 x 16 mm	100

Código	Medidas	MIN
ZE-03030	M10-1.50 x 10 mm	100
ZE-03032	M10-1.50 x 12 mm	100
ZE-03034	M10-1.50 x 16 mm	100
ZE-03036	M10-1.50 x 20 mm	100
ZE-03038	M10-1.50 x 25 mm	100
ZE-03040	M12-1.75 x 12 mm	100
ZE-03042	M12-1.75 x 16 mm	100
ZE-03044	M12-1.75 x 20 mm	100
ZE-03046	M12-1.75 x 25 mm	100

Código	Medidas	MIN
ZE-00996	4-40 x 1/2"	250
ZE-01010	5-40 x 1/8"	250
ZE-01012	5-40 x 3/16"	250
ZE-01014	5-40 x 1/4"	250
ZE-01016	5-40 x 5/16"	250
ZE-01018	5-40 x 3/8"	250
ZE-01020	5-40 x 1/2"	250
ZE-01022	6-32 x 1/8"	250
ZE-01024	6-32 x 3/16"	250
ZE-01026	6-32 x 1/4"	250
ZE-01028	6-32 x 5/16"	250
ZE-01030	6-32 x 3/8"	250
ZE-01032	6-32 x 1/2"	250
ZE-01034	8-32 x 1/8"	250
ZE-01036	8-32 x 3/16"	250
ZE-01038	8-32 x 1/4"	250
ZE-01040	8-32 x 5/16"	250
ZE-01042	8-32 x 3/8"	250
ZE-01044	8-32 x 1/2"	250
ZE-01046	10-24 x 3/16"	100
ZE-01048	10-24 x 1/4"	100
ZE-01050	10-24 x 5/16"	100
ZE-01052	10-24 x 3/8"	100
ZE-01054	10-24 x 1/2"	100

Código	Medidas	MIN
ZE-01056	10-24 x 5/8"	100
ZE-01058	10-24 x 3/4"	100
ZE-01060	10-24 x 1"	100
ZE-01062	1/4"-20 x 3/16"	100
ZE-01064	1/4"-20 x 1/4"	100
ZE-01066	1/4"-20 x 5/16"	100
ZE-01068	1/4"-20 x 3/8"	100
ZE-01070	1/4"-20 x 1/2"	100
ZE-01072	1/4"-20 x 5/8"	100
ZE-01074	1/4"-20 x 3/4"	100
ZE-01076	1/4"-20 x 1"	100
ZE-01078	5/16"-18 x 1/4"	100
ZE-01080	5/16"-18 x 5/16"	100
ZE-01082	5/16"-18 x 3/8"	100
ZE-01084	5/16"-18 x 1/2"	100
ZE-01086	5/16"-18 x 5/8"	100
ZE-01088	5/16"-18 x 3/4"	100
ZE-01090	5/16"-18 x 1"	100
ZE-01092	5/16"-18 x 1-1/4"	100
ZE-01094	3/8"-16 x 5/16"	100
ZE-01096	3/8"-16 x 3/8"	100
ZE-01098	3/8"-16 x 1/2"	100
ZE-01100	3/8"-16 x 5/8"	100

Código	Medidas	MIN
ZE-01102	3/8"-16 x 3/4"	100
ZE-01104	3/8"-16 x 1"	50
ZE-01106	3/8"-16 x 1-1/4"	50
ZE-01108	3/8"-16 x 1-1/2"	50
ZE-01110	3/8"-16 x 2"	50
ZE-01112	1/2"-13 x 1/2"	50
ZE-01114	1/2"-13 x 5/8"	50
ZE-01116	1/2"-13 x 3/4"	50
ZE-01118	1/2"-13 x 1"	50
ZE-01120	1/2"-13 x 1-1/4"	50
ZE-01122	1/2"-13 x 1 1/2"	50
ZE-01124	1/2"-13 x 2"	50
ZE-01126	5/8"-11 x 5/8"	25
ZE-01128	5/8"-11 x 3/4"	25
ZE-01130	5/8"-11 x 1"	25
ZE-01132	5/8"-11 x 1-1/4"	25
ZE-01134	5/8"-11 x 1 1/2"	25
ZE-01136	5/8"-11 x 2"	25
ZE-01138	3/4"-10 x 3/4"	25
ZE-01140	3/4"-10 x 1"	25
ZE-01142	3/4"-10 x 1-1/4"	25
ZE-01144	3/4"-10 x 1-1/2"	25
ZE-01146	3/4"-10 x 2"	25

Tapón NPT Tipo Allen Estándar

Rosca estándar



WESTON

Código	Medidas	MIN
ZE-05010	1/16"-27 x 8"	100
ZE-05012	1/8"-27 x 8"	100
ZE-05014	1/4"-18 x 12"	50
ZE-05016	3/8"-18 x 12"	50

Código	Medidas	MIN
ZE-05018	1/2"-14 x 16"	25
ZE-05020	3/4"-14 x 16"	25
ZE-05022	1-11-1/2" x 16.5"	10

TORNILLOS Y SUJETADORES

Varilla Roscada G2 1 Metro de Largo

Disponible en rosca estándar y métrica
Acabado galvanizado



DISPONIBLE

En Acero Inoxidable

VER PÁG. 372



WESTON

Varilla Roscada G2 3 Metros de Largo

Rosca estándar
Acabado galvanizado



WESTON

Varilla Roscada B7 1 Metro de Largo

Rosca estándar



WESTON

Código	Medidas
ZF-03010	10-24
ZF-03012	1/4"-20
ZF-03016	5/16"-18
ZF-03020	3/8"-16
ZF-03024	7/16"-14
ZF-03026	1/2"-13
ZF-03030	5/8"-11
ZF-03034	3/4"-10

Código	Medidas
ZF-03037	7/8"-9
ZF-03038	1"-8
ZF-03040	1-1/8"-7
ZF-03042	1-1/4"-7
ZF-03043	1-3/8"-6
ZF-03044	1-1/2"-6
ZF-04010	M6 x 1
ZF-04012	M8 x 1.25

Código	Medidas
ZF-04014	M10 x 1.5
ZF-04016	M12 x 1.75
ZF-04018	M14 x 2
ZF-04020	M16 x 2
ZF-04022	M20 x 2.5
ZF-04024	M24 x 3

Código	Medidas
ZF-03014	1/4"-20
ZF-03018	5/16"-18
ZF-03022	3/8"-16
ZF-03028	1/2"-13
ZF-03032	5/8"-11
ZF-03036	3/4"-10

Código	Medidas
ZF-01010	1/2"-13
ZF-01014	5/8"-11
ZF-01018	3/4"-10
ZF-01022	7/8"-9
ZF-01026	1"-8

Varilla Roscada B7 3.65 Metros de Largo

Rosca estándar



WESTON

Tuerca Hexagonal Liviana Estándar

Rosca estándar



WESTON

Tuerca Hexagonal Liviana Galvanizada Estándar

Rosca estándar



WESTON

Código	Medidas
ZF-01012	1/2"-13
ZF-01016	5/8"-11
ZF-01020	3/4"-10
ZF-01024	7/8"-9
ZF-01028	1"-8
ZF-01030	1-1/8"-8
ZF-01032	1-1/4"-8

Código	Medidas
ZF-01034	1-3/8"-8
ZF-01036	1-1/2"-8
ZF-01038	1-5/8"-8
ZF-01040	1-3/4"-8
ZF-01042	1-7/8"-8
ZF-01044	2"-8

Código	Medidas	MIN
ZK-09010	10-24	2,000
ZK-09012	1/4"-20	1,000
ZK-09014	5/16"-18	500
ZK-09016	3/8"-16	500
ZK-09018	7/16"-14	300
ZK-09020	1/2"-13	200
ZK-09022	9/16"-12	150
ZK-09024	5/8"-11	100
ZK-09026	3/4"-10	50

Código	Medidas	MIN
ZK-09028	7/8"-9	25
ZK-09030	1"-8	25
ZK-09032	1-1/8"-7	20
ZK-09034	1-1/4"-7	20
ZK-09036	1-3/8"-6	15
ZK-09038	1-1/2"-6	10
ZK-09040	1-3/4"-5	5
ZK-09042	2"-4.5	10

Código	Medidas	MIN
ZK-07010	10-24	2,000
ZK-07012	1/4"-20	1,000
ZK-07014	5/16"-18	500
ZK-07016	3/8"-16	500
ZK-07018	7/16"-14	300
ZK-07020	1/2"-13	200
ZK-07022	9/16"-12	150
ZK-07024	5/8"-11	100

Código	Medidas	MIN
ZK-07026	3/4"-10	50
ZK-07028	7/8"-9	25
ZK-07030	1"-8	25
ZK-07032	1-1/8"-7	20
ZK-07034	1-1/4"-7	20
ZK-07036	1-3/8"-6	15
ZK-07038	1-1/2"-6	10

Tuerca Hexagonal Liviana Fina

Rosca fina



Código	Medidas	MIN
ZK-09110	1/4"-28	1,000
ZK-09112	5/16"-24	500
ZK-09114	3/8"-24	500
ZK-09116	7/16"-20	300
ZK-09118	1/2"-20	200
ZK-09120	9/16"-18	150

Tuerca Hexagonal Liviana Fina Galvanizada

Rosca fina



Código	Medidas	MIN
ZK-07110	5/8"-18	100
ZK-07112	3/4"-16	50
ZK-07114	1"-14	25

Tuerca Hexagonal G5 Negra Estándar

Rosca estándar



Código	Medidas	MIN
ZK-13010	1/4"-20	1,000
ZK-13012	5/16"-18	500
ZK-13014	3/8"-16	500
ZK-13016	7/16"-14	300
ZK-13018	1/2"-13	200
ZK-13020	9/16"-12	150

Código	Medidas	MIN
ZK-13022	5/8"-11	100
ZK-13024	3/4"-10	50
ZK-13026	7/8"-9	25
ZK-13028	1"-8	25
ZK-13030	1-1/4"-7	20
ZK-13032	1-1/4"-7	20

Tuerca Hexagonal G8 Negra Estándar

Rosca estándar



Código	Medidas	MIN
ZK-15010	1/4"-20	1,000
ZK-15012	5/16"-18	500
ZK-15014	3/8"-16	500
ZK-15016	7/16"-14	300
ZK-15018	1/2"-13	200
ZK-15020	5/8"-11	150

Código	Medidas	MIN
ZK-15022	3/4"-10	100
ZK-15024	7/8"-9	50
ZK-15026	1"-8	25
ZK-15028	1-1/8"	25
ZK-15030	1-1/4"	20
ZK-15032	1-1/2"	20

Tuerca Hexagonal G2H GIC Estándar

Rosca estándar



Código	Medidas	MIN
ZK-11010	1/2"-13	200
ZK-11012	5/8"-11	100
ZK-11014	3/4"-10	50
ZK-11016	7/8"-9	30
ZK-11018	1"-8	25
ZK-11020	1-1/8"-8	25
ZK-11022	1-1/4"-8	20
ZK-11024	1-3/8"-8	20
ZK-11026	1-1/2"-8	10
ZK-11028	1-5/8"-8	10

Código	Medidas	MIN
ZK-11030	1-3/4"-8	10
ZK-11032	1-7/8"-8	5
ZK-11034	2"-8	5
ZK-11036	2-1/4"-4.5	5
ZK-11038	2-1/4"-8	5
ZK-11040	2-1/2"-8	5
ZK-11042	2-3/4"-8	5
ZK-11044	3"-8	5
ZK-11046	3-1/2"-8	1
ZK-11048	4"-8	1

Tuerca Hexagonal G2H Negra Estándar

Rosca estándar



Código	Medidas	MIN
ZK-11210	1/2"-13	200
ZK-11212	5/8"-11	100
ZK-11214	3/4"-10	50
ZK-11216	7/8"-9	30
ZK-11218	1"-8	25
ZK-11220	1-1/8"-8	25
ZK-11222	1-1/4"-8	20
ZK-11224	1-3/8"-8	20
ZK-11226	1-1/2"-8	10
ZK-11228	1-5/8"-8	10

Código	Medidas	MIN
ZK-11230	1-3/4"-8	10
ZK-11232	1-7/8"-8	5
ZK-11234	2"-8	5
ZK-11236	2-1/4"-8	5
ZK-11238	2-1/2"-8	5
ZK-11240	2-3/4"-8	5
ZK-11242	3"-8	5
ZK-11244	3-1/2"-8	1
ZK-11246	4"-8	1

Tuerca Hexagonal DIN 934 Clase 8 Métrica

Rosca métrica



Código	Medidas	MIN
ZK-17010	M4-0.7	1,000
ZK-17012	M5-0.8	500
ZK-17014	M6-1.0	500
ZK-17016	M8-1.25	300
ZK-17018	M10-1.5	200
ZK-17020	M12-1.75	150

Código	Medidas	MIN
ZK-17022	M14-2.0	50
ZK-17024	M16-2.0	50
ZK-17026	M18-2.5	25
ZK-17028	M20-2.5	25
ZK-17030	M22-2.5	20
ZK-17032	M24-3.0	20

Tuerca Hexagonal DIN 934 Clase 8 Galvanizada Métrica

Rosca métrica



Código	Medidas	MIN
ZK-19010	M4-0.7	1,000
ZK-19012	M5-0.8	500
ZK-19014	M6-1.0	500
ZK-19016	M8-1.25	300
ZK-19018	M10-1.5	200
ZK-19020	M12-1.75	150

Código	Medidas	MIN
ZK-19022	M14-2.0	50
ZK-19024	M16-2.0	50
ZK-19026	M18-2.5	25
ZK-19028	M20-2.5	25
ZK-19030	M22-2.5	20
ZK-19032	M24-3.0	20

Tuerca de Seguridad Galvanizada Estándar

Con inserto de nailon
Rosca estándar



Código	Medidas	MIN
ZK-03010	10-24	500
ZK-03012	1/4"-20	500
ZK-03014	5/16"-18	300
ZK-03016	3/8"-16	250
ZK-03018	7/16"-14	250
ZK-03020	1/2"-12	100

Código	Medidas	MIN
ZK-03022	1/2"-13	100
ZK-03024	9/16"-12	10
ZK-03026	5/8"-11	100
ZK-03028	3/4"-10	50
ZK-03030	7/8"-9	50
ZK-03032	1"-8	25

Tuerca de Seguridad Galvanizada Métrica

Con inserto de nailon
Rosca métrica



Código	Medidas	MIN
ZK-03110	M6 x 1	500
ZK-03112	M8 x 1.25	300
ZK-03114	M10 x 1.5	250
ZK-03116	M12 x 1.75	100
ZK-03118	M14 x 2	100

Código	Medidas	MIN
ZK-03120	M16 x 2	100
ZK-03122	M18 x 2.5	50
ZK-03124	M20 x 2.5	50
ZK-03126	M22 x 2.5	25
ZK-03128	M24 x 3	25

Tuerca Hexagonal con Arandela Dentada Galvanizada Estándar

Rosca estándar



Código	Medidas	MIN
ZK-05010	1/4"-20	500
ZK-05012	5/16"-18	500
ZK-05014	3/8"-16	250
ZK-05016	7/16"-14	200
ZK-05018	1/2"-13	200
ZK-05020	5/8"-11	100
ZK-05022	3/4"-10	100

Tuerca Bellota UNC Galvanizada Estándar

Rosca estándar



Código	Medidas	MIN
ZK-23010	10-24 UNC	200
ZK-23012	1/4"-20 UNC	200
ZK-23014	5/16"-18 UNC	100
ZK-23016	3/8"-16 UNC	50
ZK-23018	1/2"-13 UNC	50

TORNILLOS Y SUJETADORES

Tuerca Mariposa Galvanizada



Código	Medidas	MIN
ZK-21010	10-24	100
ZK-21012	1/4"-20	100
ZK-21014	5/16"-18	100
ZK-21016	3/8"-16	100
ZK-21018	1/2"-13	50

Tuerca de Cople Galvanizada



Código	Medidas	MIN
ZK-01010	10-24	100
ZK-01012	1/4"-20	100
ZK-01014	5/16"-18	100
ZK-01016	3/8"-16	100
ZK-01018	1/2"-13	50
ZK-01020	5/8"-11	50
ZK-01022	3/4"-10	25

Tuerca Strut Galvanizada



Código	Medidas	MIN: 200
ZK-25010	1/4" x 34.5 x 19 x 6	
ZK-25012	3/8" x 34.5 x 19 x 7	
ZK-25014	1/2" x 34.5 x 19 x 9.2	

Tuerca Tipo "T" con Brida Soldable



Código	Medidas	MIN: 100
ZK-27110	1/4"-20 x 5/16"	

Tuerca Tipo "T" con 4 Puntas Galvanizada



Código	Medidas	MIN: 100
ZK-27010	1/4"-20 x 5/16"	



Rondana Plana Pulida Estándar

Presentación: costal de 25 kg



Código	Medidas
ZP-01010	3/16"
ZP-01012	1/4"
ZP-01014	5/16"
ZP-01016	3/8"
ZP-01018	7/16"
ZP-01020	1/2"
ZP-01022	9/16"



Rondana Plana Pulida Métrica

Presentación: costal de 25 kg



Código	Medidas
ZP-01004	M4
ZP-01005	M5
ZP-01006	M6
ZP-01008	M8
ZP-01010	M10



NUEVO



Código	Medidas
ZP-010012	M12
ZP-010014	M14
ZP-010016	M16
ZP-010020	M20
ZP-010024	M24

TORNILLOS Y SUJETADORES

Rondana Plana Galvanizada

Presentación: costal de 25 kg



Código	Medidas
ZP-03024	7/8"



Rondana Plana Galvanizada USS

Presentación: caja de 20 kg

Código	Medidas
ZP-05010	3/16"
ZP-05012	1/4"
ZP-05014	5/16"
ZP-05018	7/16"
ZP-03016	7/16"
ZP-05020	1/2"
ZP-05022	5/8"



Rondana Plana F436 Negra Estándar

Código	Medidas	MIN
ZP-07010	1/2"	100
ZP-07012	5/8"	100
ZP-07014	3/4"	100
ZP-07016	7/8"	100
ZP-07018	1"	50
ZP-07020	1-1/8"	50
ZP-07022	1-1/4"	50
ZP-07024	1-3/8"	25
ZP-07026	1-1/2"	25



Código	Medidas	MIN
ZP-07028	1-3/4"	25
ZP-07030	2"	25
ZP-07032	2-1/4"	20
ZP-07034	2-1/2"	20
ZP-07036	2-3/4"	10
ZP-07038	3"	10
ZP-07040	3-1/2"	5
ZP-07042	4"	5

Rondana Plana Negra Métrica

Código	Medidas
ZP-08004	M4
ZP-08005	M5
ZP-08006	M6
ZP-08008	M8
ZP-08010	M10



NUEVO

Rondana Plana F436 GIC

Código	Medidas	MIN
ZP-09010	1/2"	100
ZP-09012	5/8"	100
ZP-09014	3/4"	100
ZP-09016	7/8"	100
ZP-09018	1"	50
ZP-09020	1-1/8"	50
ZP-09022	1-1/4"	50
ZP-09024	1-3/8"	25
ZP-09026	1-1/2"	25



Rondana de Presión Galvanizada Estándar



Código	Medidas	MIN
ZP-11010	#10	500
ZP-11012	1/4"	500
ZP-11014	5/16"	500
ZP-11016	3/8"	300
ZP-11018	7/16"	300
ZP-11020	1/2"	200
ZP-11022	5/8"	100
ZP-11024	3/4"	100



Código	Medidas	MIN
ZP-11026	7/8"	100
ZP-11028	1"	50
ZP-11030	1-1/8"	25
ZP-11032	1-1/4"	25
ZP-11034	1-3/8"	20
ZP-11036	1-1/2"	20

Rondana de Presión Galvanizada Métrica



NUEVO

Rondana de Presión Negra Estándar



Rondana de Presión Negra Métrica



NUEVO



Código	Medida
ZP-11104	M4
ZP-11105	M5
ZP-11106	M6
ZP-11108	M8
ZP-11110	M10
ZP-11112	M12

Código	Medida
ZP-11114	M14
ZP-11116	M16
ZP-11120	M20
ZP-11124	M24

Código	Medidas	MIN
ZP-13010	#10	500
ZP-13012	1/4"	500
ZP-13014	5/16"	500
ZP-13016	3/8"	300
ZP-13018	7/16"	300
ZP-13020	1/2"	200
ZP-13022	5/8"	100

Código	Medidas	MIN
ZP-13024	3/4"	100
ZP-13026	7/8"	100
ZP-13028	1"	50
ZP-13030	1-1/8"	25
ZP-13032	1-1/4"	25
ZP-13034	1-3/8"	20
ZP-13036	1-1/2"	20

Código	Medidas
ZP-13104	M4
ZP-13105	M5
ZP-13106	M6
ZP-13108	M8
ZP-13110	M10
ZP-13112	M12

Código	Medidas
ZP-13114	M14
ZP-13116	M16
ZP-13120	M20
ZP-13124	M24

Rondana Selladora EPDM con Neopreno

Para pija punta de broca

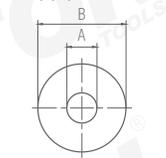


Pija Hexagonal Punta de Broca

Sin rondana Galvanizada



Pija Hexagonal para Lámina Ranurada



Código	ØInterior (A)	ØExterior (B)	Grosor de rondana (C)	Grosor de naopreno (D)
ZP-15010	6.3 mm	16 mm	2.0±0.2 mm	0.5±1 mm

MIN: 2,000

Código	Medidas	MIN
ZL-05310	8 x 1/2"	1,500
ZL-05312	8 x 3/4"	1,200
ZL-05314	10 x 3/4"	800
ZL-05316	10 x 1"	700
ZL-05318	12 x 3/4"	700

Código	Medidas	MIN
ZL-05320	14 x 3/4"	600
ZL-05322	14 x 1"	400
ZL-05324	14 x 1-1/4"	500
ZL-05326	14 x 1-1/2"	400
ZL-05328	14 x 2"	250

Código	Medidas	MIN
ZL-11010	#8 x 3/4"	1,300
ZL-11012	#8 x 1"	1,000
ZL-11014	#10 x 3/4"	800
ZL-11016	#10 x 1"	600
ZL-11018	#10 x 1-1/4"	500
ZL-11020	#10 x 1-1/2"	400
ZL-11022	#10 x 2"	600
ZL-11024	#10 x 2-1/2"	450
ZL-11026	#10 x 3"	300
ZL-11028	#12 x 3/4"	800
ZL-11030	#12 x 1"	600

Código	Medidas	MIN
ZL-11032	#12 x 1-1/4"	400
ZL-11034	#12 x 1-1/2"	350
ZL-11036	#12 x 2"	500
ZL-11038	#14 x 3/4"	500
ZL-11040	#14 x 1"	400
ZL-11042	#14 x 1-1/4"	350
ZL-11044	#14 x 1-1/2"	250
ZL-11046	#14 x 2"	350
ZL-11048	#14 x 2-1/2"	300
ZL-11050	#14 x 3"	200

Pija Hexagonal Punta de Broca con Rondana



Pija Hexagonal Punta de Broca Reducida con Rondana

Reducida (Lap) Con rondana Galvanizada



Pija para Lámina Cabeza Combinada



Código	Medidas	MIN
ZL-05010	#14 x 3/4"	600
ZL-05012	#14 x 1"	500
ZL-05014	#14 x 1-1/4"	400
ZL-05016	#14 x 1-1/2"	500
ZL-05018	#14 x 2"	300

Código	Medidas	MIN
ZL-05110	#14 x 7/8"	600
ZL-05112	#14 x 1"	400
ZL-05114	#14 x 1-1/2"	400

Código	Medidas	MIN
ZL-11210	#8 x 1/2"	1,000
ZL-11212	#8 x 3/4"	1,500
ZL-11310	#8 x 3/4" LATÓN	3,000
ZL-11214	#8 x 1"	1,000
ZL-11216	#8 x 1-1/4"	1,000
ZL-11218	#8 x 1-1/2"	700
ZL-11220	#8 x 2"	1,000
ZL-11222	#8 x 2-1/2"	500
ZL-11224	#8 x 3"	450
ZL-11226	#10 x 1/2"	1,750
ZL-11228	#10 x 3/4"	1,000
ZL-11230	#10 x 1"	1,000
ZL-11232	#10 x 1-1/4"	800
ZL-11234	#10 x 1-1/2"	500
ZL-11236	#10 x 2"	500
ZL-11238	#10 x 2-1/2"	500
ZL-11240	#10 x 3"	350
ZL-11242	#12 x 1/2"	1,250
ZL-11244	#12 x 3/4"	1,000
ZL-11246	#12 x 1"	1,250
ZL-11248	#12 x 1-1/2"	500
ZL-11250	#12 x 2"	500
ZL-11252	#12 x 2-1/2"	400
ZL-11254	#12 x 3"	300
ZL-11256	#14 x 1"	500
ZL-11258	#14 x 1-1/2"	600
ZL-11260	#14 x 2"	300
ZL-11262	#14 x 2-1/2"	300
ZL-11264	#14 x 3"	300

Pija para Lámina Cabeza de Cruz



NUEVO

Pija para Tablaroca



Código	Medidas	MIN
ZL-11222-R	#8x2-1/2"	500
ZL-11224-R	#8x3"	400
ZL-11226-R	#10x1-1/2"	1,750
ZL-11238-R	#10x2-1/2"	450
ZL-11240-R	#10x3"	400
ZL-11242-R	#12x1-1/2"	1,500
ZL-11244-R	#12x3/4"	1,000
ZL-11250-R	#12x2"	500
ZL-11252-R	#12x2-1/2"	400
ZL-11254-R	#12x3"	200
ZL-11256-R	#14x1"	900
ZL-11258-R	#14x1-1/2"	600
ZL-11260-R	#14x2"	400
ZL-11262-R	#14x2-1/2"	300

Código	Medidas	MIN
ZL-07210	#6x1/2"	1,000
ZL-07212	#6x5/8"	2,000
ZL-07214	#6x3/4"	1,000
ZL-07216	#6x1"	1,500
ZL-07220	#6x1-1/4"	1,000
ZL-07218	#6x1-1/2"	1,000
ZL-07222	#6x2"	500
ZL-07224	#8x3/4"	1,000

Código	Medidas	MIN
ZL-07226	#8x1"	1,000
ZL-07228	#8x1-1/4"	1,000
ZL-07230	#8x1-1/2"	1,000
ZL-07232	#8x2"	500
ZL-07234	#8x2-1/2"	400
ZL-07236	#8x3"	400
ZL-07238	#10x3"	200
ZL-07240	#10x4"	250

Pija para Tablaroca Rosca Fina



Código	Medidas	MIN
ZL-07310	#6 x 1"	1,200
ZL-07312	#6 x 1-1/4"	1,000
ZL-07314	#6 x 1-1/2"	1,000
ZL-07316	#6 x 1-5/8"	700
ZL-07318	#6 x 2"	250

Pija para Tablaroca Punta de Broca Galvanizada



Código	Medidas	MIN
ZL-07010	#6 x 1"	1,000
ZL-07012	#6 x 1-1/8"	1,000
ZL-07014	#6 x 1-1/4"	900
ZL-07016	#6 x 1-5/8"	600
ZL-07017	#6 x 2"	800
ZL-07018	#8 x 3/4"	1,800
ZL-07020	#8 x 2-3/8"	500
ZL-07022	#8 x 2-5/8"	400
ZL-07024	#8 x 3"	300

Pija para Tablaroca Rosca Fina Galvanizada



Código	Medidas	MIN
ZL-07320	#6 x 1"	1,000
ZL-07322	#6 x 1-1/8"	1,000



Pija para Lámina Punta de Broca Galvanizada

Cabeza plana



Código	Medidas	MIN
ZL-07120	#8 x 2-3/8"	500
ZL-07122	#8 x 3"	400
ZL-07124	#8 x 2-5/8"	300

Pija K-Lath Phillips Punta de Broca Cabeza Extendida



Código	Medidas	MIN
ZL-05510	#7 x 7/16"	1,700
ZL-05512	#8 x 1/2"	1,000
ZL-05514	#8 x 3/4"	1,200
ZL-05516	#8 x 1"	800
ZL-05518	#8 x 1-1/4"	600
ZL-05520	#8 x 1-1/2"	500
ZL-05522	#8 x 2"	500



Pija para Aglomerado Phillips con Nibs



Código	Medidas	MIN
ZL-01010	#6 x 3/4"	1,000
ZL-01012	#6 x 1"	1,000
ZL-01014	#6 x 1-1/2"	1,000
ZL-01016	#6 x 2"	500
ZL-01018	#8 x 1"	1,000
ZL-01020	#8 x 1-1/4"	500
ZL-01022	#8 x 1-1/2"	800



Pija para Madera Phillips Galvanizada



Código	Medidas	MIN
ZL-17010	#8 x 2"	200
ZL-17012	#8 x 2-1/2"	350
ZL-17014	#10 x 1-1/2"	200
ZL-17016	#10 x 2"	400
ZL-17018	#10 x 2-1/2"	200
ZL-17020	#10 x 3"	200

Pija para Madera Phillips Negra



Código	Medidas	MIN
ZL-17022	#14 x 2"	100
ZL-17024	#14 x 2-1/2"	100
ZL-17026	#14 x 3"	100



Tornillo Hexagonal para Madera Galvanizado



Código	Medidas	MIN
ZN-01010	1/4" x 1"	100
ZN-01012	1/4" x 1-1/4"	100
ZN-01014	1/4" x 1-1/2"	100
ZN-01016	1/4" x 2"	100
ZN-01018	1/4" x 2-1/2"	50
ZN-01020	1/4" x 3"	50
ZN-01054	1/4" x 3-1/2"	50
ZN-01056	1/4" x 4"	50
ZN-01058	1/4" x 4-1/2"	50
ZN-01060	1/4" x 5"	50
ZN-01062	1/4" x 6"	50
ZN-01022	5/16" x 1"	100
ZN-01024	5/16" x 1-1/4"	100
ZN-01026	5/16" x 1-1/2"	100
ZN-01028	5/16" x 2"	100
ZN-01030	5/16" x 2-1/2"	50
ZN-01032	5/16" x 3"	50
ZN-01064	5/16" x 3-1/2"	50
ZN-01066	5/16" x 4"	100
ZN-01068	5/16" x 4-1/2"	50



Pija Cabeza Plana para Madera Niquelada



Código	Medidas	MIN
ZL-13010	#6 x 1/2"	3,000
ZL-13012	#6 x 5/8"	3,000
ZL-13014	#6 x 3/4"	2,000
ZL-13016	#6 x 1"	1,500
ZL-13018	#8 x 3/4"	1,500
ZL-13020	#8 x 1"	1,000

Pija Cabeza Plana Phillips Punta Tipo AB Galvanizada



Código	Medidas	MIN
ZL-03210	#8 x 1/2"	3,000
ZL-03212	#8 x 3/4"	2,000
ZL-03214	#8 x 1"	1,000
ZL-03216	#8 x 1-1/4"	1,000
ZL-03218	#8 x 1-1/2"	1,000
ZL-03220	#8 x 2"	500
ZL-03222	#8 x 2-1/2"	600
ZL-03224	#8 x 3"	400

TORNILLOS Y SUJETADORES

**Pija Framer Phillips
Punta de Broca
Galvanizada**



Código	Medidas
ZL-15010	#7 x 7/16"

MIN: 1,000

**Pija Framer Phillips
Punta AB Galvanizada**



Código	Medidas
ZL-15110	#7 x 7/16"

MIN: 2,000

**Pija Hexagonal
para Concreto**



Código	Medidas
ZL-03010	3/16" x 1-1/4"
ZL-03012	3/16" x 1-3/4"
ZL-03014	3/16" x 2-1/4"
ZL-03016	1/4" x 1-1/4"
ZL-03018	1/4" x 1-3/4"
ZL-03020	1/4" x 2-1/4"
ZL-03022	1/4" x 2-3/4"

MIN: 100

**Pija Cabeza Plana
para Concreto**



Código	Medidas
ZL-03110	3/16" x 1-1/4"
ZL-03112	3/16" x 1-3/4"
ZL-03114	3/16" x 2-1/4"
ZL-03116	1/4" x 1-1/4"
ZL-03118	1/4" x 1-3/4"
ZL-03120	1/4" x 2-1/4"
ZL-03122	1/4" x 2-3/4"

MIN: 100

**Pija para Fibrocemento
(Durock)**



Código	Medidas	MIN
ZL-09010	#8 x 1"	1,000
ZL-09012	#8 x 1-1/4"	700
ZL-09014	#8 x 1-1/2"	500

Ancla Arpón



**Ancla Camisa Reforzada
Galvanizada**



Fabricada con camisa
corta de grueso calibre
Cuerdas expuestas
Para fijación pesada



Código	Medida	Largo	Camisa	MIN
Z-39800	#10-24	2-7/16"	1/4"	350
Z-39808	5/16-18"	3-5/16"	3/8"	100
Z-39812	3/8-16"	3-13/16"	1/2"	50

**Ancla Camisa Reforzada
Tropicalizada**



Fabricada con camisa
corta de grueso calibre
Cuerdas expuestas
Para fijación pesada



Código	Medida	Largo	Rotura (MPa)	Capacidad	MIN
Z-39695	1/4"-20	2-1/4"	390	1,000 kg	100
Z-39701	5/16"-18	2-1/2"	387	1,500 kg	-
Z-39705	3/8"-16	3"	397	2,200 kg	50
Z-39710	1/2"-13	3-1/2"	382	2,800 kg	25
Z-39802	#10-24	2-7/16"	-	-	350
Z-39804	1/4"-20	2-13/16"	-	-	200
Z-39806	5/16"-18	3-5/16"	-	-	100
Z-39810	3/8"-16	3-13/16"	-	-	50

Código	Medidas	MIN
Z-39515	1/4" x 1-3/4"	240
Z-39520	1/4" x 2-1/4"	190
Z-39525	1/4" x 3"	140
Z-39527	1/4" x 3-1/4"	120
Z-39529	1/4" x 3-1/2"	100
Z-39530	5/16" x 2"	200
Z-39535	5/16" x 2-3/4"	120
Z-39540	5/16" x 3-1/2"	90
Z-39545	5/16" x 5"	100
Z-39550	3/8" x 2-1/4"	120
Z-39555	3/8" x 2-3/4"	90
Z-39560	3/8" x 3"	80
Z-39565	3/8" x 3-1/4"	60
Z-39570	3/8" x 3-3/4"	80
Z-39575	3/8" x 5"	70
Z-39580	1/2" x 2-3/4"	50
Z-39585	1/2" x 3-3/4"	30
Z-39587	1/2" x 4-1/4"	30
Z-39590	1/2" x 4-1/2"	40
Z-39595	1/2" x 5-1/2"	25

Código	Medidas	MIN
Z-39600	1/2" x 7"	30
Z-39605	5/8" x 3-1/2"	25
Z-39610	5/8" x 4-1/2"	25
Z-39612	5/8" x 4-3/4"	25
Z-39615	5/8" x 5"	25
Z-39620	5/8" x 6"	20
Z-39625	5/8" x 7"	15
Z-39630	5/8" x 8-1/2"	20
Z-39635	3/4" x 4-1/4"	15
Z-39640	3/4" x 4-3/4"	15
Z-39645	3/4" x 5-1/2"	10
Z-39650	3/4" x 6-1/4"	10
Z-39655	3/4" x 7"	15
Z-39660	3/4" x 8-1/2"	15
Z-39665	3/4" x 10"	10
Z-39670	3/4" x 12"	10
Z-39675	1" x 6"	6
Z-39680	1" x 9"	5
Z-39685	1" x 12"	5

Ancla para Alambre



Código	Medidas	MIN
Z-39690	1/4" x 2-1/4"	200

**Taquete Expansor
Tropicalizado**



Fabricado en zinc
Acabado tropicalizado



Código	Medidas	MIN
Z-39715	1/4" x 1-7/8"	100
Z-39720	5/16" x 2"	50
Z-39725	3/8" x 2-5/8"	50
Z-39730	1/2" x 3-1/8"	25

**Remache de Golpe
para Concreto**



Código	Medidas	MIN
Z-39735	1/4" x 1"	200
Z-39740	1/4" x 1-1/2"	200
Z-39745	1/4" x 2"	200

TORNILLOS Y SUJETADORES

Remache Tipo Pop de Aluminio

Cuerpo de aluminio con cabeza de acero



COMPATIBLE CON:
Remachadoras
Manuales
VER PÁG. 320

Código	Modelo	Medidas	MIN
Z-42000	AS41	1/8" x 1/16"	1,000
Z-42010	AS42	1/8" x 1/8"	1,000
Z-42020	AS43	1/8" x 3/16"	1,000
Z-42030	AS44	1/8" x 1/4"	1,000
Z-42035	AS45	1/8" x 5/16"	1,000
Z-42040	AS46	1/8" x 3/8"	1,000
Z-42045	AS48	1/8" x 1/2"	1,000
Z-42050	AS52	5/32" x 1/8"	1,000
Z-42060	AS53	5/32" x 3/16"	1,000
Z-42070	AS54	5/32" x 1/4"	1,000
Z-42080	AS56	5/32" x 3/8"	1,000
Z-42082	AS58	5/32" x 1/2"	500
Z-42084	AS62	3/16" x 1/8"	500

Código	Modelo	Medidas	MIN
Z-42090	AS64	3/16" x 1/4"	500
Z-42095	AS64LF	3/16" x 1/4"	250
Z-42100	AS66	3/16" x 3/8"	500
Z-42105	AS66LF	3/16" x 3/8"	250
Z-42110	AS68	3/16" x 1/2"	500
Z-42115	AS68LF	3/16" x 1/2"	250
Z-42120	AS610	3/16" x 5/8"	500
Z-42125	AS610LF	3/16" x 5/8"	250
Z-42130	AS612	3/16" x 3/4"	250
Z-42135	AS612LF	3/16" x 3/4"	250
Z-42140	AS84	1/4" x 1/4"	400
Z-42145	AS86	1/4" x 3/8"	350
Z-42150	AS88	1/4" x 1/2"	300



Abrazadera Tipo Omega

Acabado galvanizado



Código	Medida
ZC-07010	1/2"
ZC-07012	3/4"
ZC-07014	1"
ZC-07016	1-1/4"
ZC-07018	1-1/2"
ZC-07020	2"

Abrazadera Tipo Uña



Código	Medida
ZC-09014	1"
ZC-09016	1-1/4"
ZC-09018	1-1/2"
ZC-09020	2"



Abrazadera Colgante Tipo Pera

Acabado galvanizado



Código	Medida	MIN
ZC-03010	1/2"	-
ZC-03012	3/4"	-
ZC-03014	1"	-
ZC-03016	1-1/4"	-
ZC-03020	2"	90
ZC-03022	3"	40
ZC-03024	4"	25



Abrazadera Tipo "U" con Tuerca Galvanizada



Código	Medidas	MIN
ZC-01010	1/2" x 1/4"	100
ZC-01012	3/4" x 1/4"	100
ZC-01014	1" x 1/4"	15
ZC-01016	1-1/4" x 5/16"	15
ZC-01018	1-1/2" x 5/16"	10
ZC-01020	2" x 3/8"	10
ZC-01022	3" x 1/2"	10
ZC-01024	4" x 1/2"	10



TORNILLOS Y SUJETADORES

Mordaza Dentada para Varilla 3/8"-16

Puede suspender varillas roscadas de 1/4" y 3/8" simultáneamente

Puede sostener cables de acero para la suspensión de lámparas

Ideal para la suspensión de tuberías de acero y hierro fundido

Acero galvanizado



Código	Medida	MIN
ZC-05010	3/8"-16	220



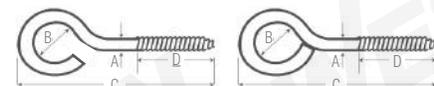
Armella Estándar con Tuerca Galvanizada

Código	Medidas	MIN	Código	Medidas	MIN
ZC-15010	3/16"-24 x 3"	100	ZC-15022	3/8"-16 x 4"	50
ZC-15012	3/16"-24 x 4"	100	ZC-15024	3/8"-16 x 6"	50
ZC-15014	1/4"-20 x 3"	100	ZC-15026	3/8"-16 x 8"	50
ZC-15016	1/4"-20 x 4"	100	ZC-15028	1/2"-13 x 4"	50
ZC-15018	5/16"-18 x 4"	50	ZC-15030	1/2"-13 x 6"	25
ZC-15020	5/16"-18 x 6"	50	ZC-15032	1/2"-13 x 8"	25



Armella Galvanizada

Acabado galvanizado



Gancho Tipo "S" Galvanizado



Código	Medidas (mm)				MIN
	ØA	B	C	D	
ZC-17010	3	25	3	6	100
ZC-17012	5	40	5	12	100
ZC-17014	6	55	13	15	100
ZC-17016	8	70	15	19	50



Abierta	Modelo	Medidas (mm)				MIN
		A	B	C	D	
ZC-11010	15x30	2.00	7	23	8	100
ZC-11012	17x40	2.50	10	30	10	100
ZC-11014	18x50	3.00	12.5	38.1	10.5	100
ZC-11016	19x60	3.30	12.5	43.8	15.6	100
ZC-11018	20x70	4.00	15	48	15	100
ZC-11020	21x80	4.00	18	55	19	100
ZC-11034	22x80	4.5	18	53.5	19	100
ZC-11022	22x90	4.30	20	59	19	100
ZC-11024	22x100	4.85	22	70	22	50
ZC-11026	23x110	5.20	25	80	32	50
ZC-11035	23x120	5.3	31	120	33	50
ZC-11028	25x130	6.30	32	105	38	100
ZC-11030	25x150	6.30	32.3	112	37	100
ZC-11036	24x120	5.7	34.6	137	46	50
ZC-11037	24x130	6	40.6	178	40	50
ZC-11038	25x160	6.5	46.6	180	50	50

Cerrada	Modelo	Medidas (mm)				MIN
		A	B	C	D	
ZC-13010	15x30	2.00	7	23	8	100
ZC-13012	17x40	2.50	5	26	10	100
ZC-13014	18x50	3.00	7	34	17	100
ZC-13016	19x60	3.30	10	37	12	100
ZC-13018	20x70	4.00	12	45	16	100
ZC-13020	21x80	4.00	12	51	16	100
ZC-13022	22x90	4.30	16	55	16	100
ZC-13024	22x100	4.30	16	60	16	100
ZC-13026	23x110	4.85	15	65	25	50
ZC-13028	24x120	6.00	16	73	32	50
ZC-13030	25x130	6.00	21.1	82.8	38.6	50
ZC-13032	25x150	6.00	20	92	38	50
ZC-13035	24x110	5.3	20.3	104	35	100
ZC-13036	25x160	5.8	25.5	105	45	100
ZC-13037	25x170	6	31.5	138	40	50
ZC-13038	26x180	6.5	36.5	125	50	50
ZC-13039	26x190	6.5	36.5	148	50	50

Sujetador Mariposa



Código	Medidas	MIN
Z-39500	1/8" x 3"	200
Z-39505	3/16" x 3"	100
Z-39510	1/4" x 3"	100

Identificador de Tuercas y Tornillos

Medidas estándar y métrico
Revestimiento de zinc y acero
Para medir tuercas, pernos y tornillos



Código	Tipo	Rango estándar	Rango métrico
● STW-7360	Micro	1-64 a 5-40	M1.2-0.25 a M3.5-0.35
● STW-7370	Estándar	6-32 a 1/2"-13	M4-0.7 a M12-1.75
● STW-7380	Jumbo	5/8"-11 a 1"-12	M14-1.5 a M24-3.0

Extractor de Tornillos AAV

Acero Alta Velocidad



Código	Medidas
ST-5-153-10010	# 1
ST-5-153-10015	# 2
ST-5-153-10020	# 3
ST-5-153-10025	# 4
ST-5-153-10030	# 5
ST-5-153-10035	# 6
ST-5-153-10040	# 7
ST-5-153-10045	# 8
ST-5-153-10070	Juego de 5 piezas #1 - #5
ST-5-153-10080	Juego de 5 piezas #1 - #6

Extractor Recto para Tornillo

Acero Alta Velocidad



Código	Medidas
● ST-8-153-105	3/8"
● ST-8-153-110	7/16"
● ST-8-153-120	5/8"
● ST-8-153-125	3/4"
● ST-8-153-130	7/8"
● ST-8-153-135	1-1/8"

Perno



Código	Medidas
C-00360	1/4"
C-00365	5/16"
C-00370	3/8"

Chaveta Tipo R



Código	Medidas
C-00375	1/8"
C-00380	3/16"
C-00385	1/4"
C-00390	5/16"

Chaveta Galvanizada



Código	Medidas	MIN	Código	Medidas	MIN
ZC-19010	1/16" x 1/2"	250	ZC-19050	5/32" x 1"	100
ZC-19012	1/16" x 3/4"	250	ZC-19052	5/32" x 1-1/2"	100
ZC-19014	1/16" x 1"	250	ZC-19054	5/32" x 2"	100
ZC-19016	1/16" x 1-1/4"	250	ZC-19056	5/32" x 2-1/2"	100
ZC-19018	1/16" x 1-1/2"	250	ZC-19058	5/32" x 3"	100
ZC-19020	1/16" x 2"	250	ZC-19060	3/16" x 3/4"	100
ZC-19022	3/32" x 1/2"	250	ZC-19062	3/16" x 1"	100
ZC-19024	3/32" x 3/4"	250	ZC-19064	3/16" x 1-1/4"	100
ZC-19026	3/32" x 1"	250	ZC-19066	3/16" x 1-1/2"	100
ZC-19028	3/32" x 1-1/2"	100	ZC-19068	3/16" x 2"	100
ZC-19030	3/32" x 2"	100	ZC-19070	3/16" x 2-1/2"	100
ZC-19032	1/8" x 1/2"	100	ZC-19072	3/16" x 3"	100
ZC-19034	1/8" x 3/4"	100	ZC-19074	3/16" x 3-1/2"	100
ZC-19036	1/8" x 1"	100	ZC-19076	1/4" x 1-1/4"	100
ZC-19038	1/8" x 1-1/4"	100	ZC-19078	1/4" x 1-1/2"	100
ZC-19040	1/8" x 1-1/2"	100	ZC-19080	1/4" x 2"	100
ZC-19042	1/8" x 2"	100	ZC-19082	1/4" x 2-1/2"	100
ZC-19044	1/8" x 2-1/2"	100	ZC-19084	1/4" x 3"	100
ZC-19046	1/8" x 3"	100	ZC-19086	1/4" x 3-1/2"	100
ZC-19048	5/32" x 3/4"	100	ZC-19088	1/4" x 4"	100

Anillo de Retención Interno Tipo HO Estándar



DISPONIBLES
En Acero Inoxidable
VER PÁG. 372



Código	Medidas	MIN	Código	Medidas	MIN
ZB-4940	1/4"	100	ZB-5100	1.85	50
ZB-4945	5/16"	100	ZB-5105	1-7/8"	50
ZB-4950	3/8"	100	ZB-5110	1-15/16"	50
ZB-4955	7/16"	100	ZB-5115	2"	50
ZB-4960	29/64"	100	ZB-5120	2-1/16"	25
ZB-4965	1/2"	100	ZB-5125	2-1/8"	25
ZB-4970	0.512	100	ZB-5130	2-3/16"	25
ZB-4975	9/16"	100	ZB-5135	2-1/4"	25
ZB-4980	5/8"	100	ZB-5140	2-5/16"	25
ZB-4985	11/16"	100	ZB-5145	2-3/8"	25
ZB-4990	3/4"	100	ZB-5150	2-7/16"	25
ZB-4995	0.777	100	ZB-5155	2-1/2"	25
ZB-5000	13/16"	100	ZB-5160	2-9/16"	25
ZB-5005	0.866	100	ZB-5165	2-5/8"	25
ZB-5010	0.901	100	ZB-5170	2-11/16"	25
ZB-5015	15/16"	100	ZB-5175	2-3/4"	25
ZB-5020	1"	100	ZB-5180	2-13/16"	25
ZB-5025	1-1/16"	50	ZB-5185	2-7/8"	25
ZB-5030	1-1/8"	50	ZB-5190	3"	25
ZB-5035	1-3/16"	50	ZB-5195	3-1/16"	10
ZB-5040	1-1/4"	50	ZB-5200	3-1/8"	10
ZB-5045	1-5/16"	50	ZB-5205	3-5/32"	10
ZB-5050	1-3/8"	50	ZB-5210	3-1/4"	10
ZB-5055	1-7/16"	50	ZB-5215	3-11/32"	10
ZB-5060	1.456	50	ZB-5220	3-15/32"	10
ZB-5065	1-1/2"	50	ZB-5225	3-1/2"	10
ZB-5070	1-9/16"	50	ZB-5230	3-9/16"	10
ZB-5075	1-5/8"	50	ZB-5235	3-5/8"	10
ZB-5080	1.653	50	ZB-5240	3-3/4"	10
ZB-5085	1-11/16"	50	ZB-5245	3-7/8"	10
ZB-5090	1-3/4"	50	ZB-5250	3-15/16"	10
ZB-5095	1-13/16"	50	ZB-5255	4"	10

Anillo de Retención Externo Tipo SH Estándar



DISPONIBLES
En Acero Inoxidable
VER PÁG. 372



Código	Medidas	MIN	Código	Medidas	MIN
ZB-5370	1/4"	100	ZB-5555	1-11/16"	50
ZB-5375	0.276	100	ZB-5560	1-3/4"	50
ZB-5380	9/32"	100	ZB-5565	1.772	50
ZB-5385	5/16"	100	ZB-5570	1-13/16"	50
ZB-5390	11/32"	100	ZB-5575	1-7/8"	50
ZB-5395	0.354	100	ZB-5580	1-31/32"	50
ZB-5400	3/8"	100	ZB-5585	2"	50
ZB-5405	0.394	100	ZB-5590	2-1/16"	25
ZB-5410	13/32"	100	ZB-5595	2-1/8"	25
ZB-5415	7/16"	100	ZB-5600	2-5/32"	25
ZB-5420	15/32"	100	ZB-5605	2-1/4"	25
ZB-5425	1/2"	100	ZB-5610	2-5/16"	25
ZB-5430	0.551	100	ZB-5615	2-3/8"	25
ZB-5435	9/16"	100	ZB-5620	2-7/16"	25
ZB-5440	19/32"	100	ZB-5625	2-1/2"	25
ZB-5445	5/8"	100	ZB-5630	2.559	25
ZB-5450	43/64"	100	ZB-5635	2-5/8"	25
ZB-5455	11/16"	100	ZB-5640	2-11/16"	25
ZB-5460	3/4"	100	ZB-5645	2-3/4"	25
ZB-5465	25/32"	50	ZB-5650	2-7/8"	25
ZB-5470	13/16"	50	ZB-5655	2-15/16"	25
ZB-5475	0.844	50	ZB-5660	3"	25
ZB-5480	7/8"	50	ZB-5665	3-1/16"	10
ZB-5485	15/16"	50	ZB-5670	3-1/8"	10
ZB-5490	63/64"	50	ZB-5675	3-5/32"	10
ZB-5495	1"	50	ZB-5680	3-1/4"	10
ZB-5500	1.023	50	ZB-5685	3-11/32"	10
ZB-5505	1-1/16"	50	ZB-5690	3-7/16"	10
ZB-5510	1-1/8"	50	ZB-5700	3-1/2"	10
ZB-5515	1-3/16"	50	ZB-5705	3.543	10
ZB-5520	1-1/4"	50	ZB-5710	3-5/8"	10
ZB-5525	1-5/16"	50	ZB-5715	3-11/16"	10
ZB-5530	1-3/8"	50	ZB-5720	3-3/4"	10
ZB-5535	1-7/16"	50	ZB-5725	3-7/8"	10
ZB-5540	1-1/2"	50	ZB-5730	3-15/16"	10
ZB-5545	1-9/16"	50	ZB-5735	4"	10
ZB-5550	1-5/8"	50			

TORNILLOS Y SUJETADORES



Anillo de Retención Externo Tipo SH Estándar

Material: Cobre de Berilio



Código	Medida	MIN: 100
ZB-5340	1/8"	
ZB-5345	5/32"	
ZB-5350	3/16"	
ZB-5355	0.197	
ZB-5360	7/32"	
ZB-5365	15/64"	



Anillo de Retención Externo Tipo E Estándar



Código	Medida	MIN: 100
ZB-4915	3/8"	
ZB-4920	7/16"	
ZB-4925	1/2"	
ZB-4930	5/8"	
ZB-4935	3/4"	
ZB-4937	7/8"	



Anillo de Retención Externo Tipo SE Estándar



Código	Medida	MIN	Código	Medida	MIN
ZB-5260	1/16"	100	ZB-5300	7/32"	100
ZB-5265	3/32"	100	ZB-5305	5/16"	100
ZB-5270	0.11	100	ZB-5310	3/8"	100
ZB-5275	1/8"	100	ZB-5315	7/16"	100
ZB-5280	9/64"	100	ZB-5320	3/4"	100
ZB-5285	5/32"	100	ZB-5325	1"	100
ZB-5290	11/64"	100	ZB-5330	1.188	50
ZB-5295	3/16"	100	ZB-5335	1.375	50

TORNILLOS Y SUJETADORES



Anillo de Retención Externo Tipo C Estándar

DISPONIBLE
En Acero Inoxidable
VER PÁG. 372



Código	Medida	MIN	Código	Medida	MIN
ZB-4000	1/4"	100	ZB-4050	11/16"	50
ZB-4005	9/32"	100	ZB-4055	3/4"	50
ZB-4015	5/16"	100	ZB-4060	7/8"	50
ZB-4020	3/8"	100	ZB-4065	1"	50
ZB-4025	13/32"	100	ZB-4070	1-1/8"	25
ZB-4030	7/16"	100	ZB-4075	1-1/4"	25
ZB-4035	1/2"	100	ZB-4080	1-3/8"	25
ZB-4040	9/16"	50	ZB-4085	1-3/4"	25
ZB-4045	5/8"	50	ZB-4090	2"	25



Anillo de Retención Interno Tipo DH0 Métrico



Código	Medida	MIN
ZB-4180	8 mm	100
ZB-4185	9 mm	100
ZB-4190	10 mm	100
ZB-4195	11 mm	100
ZB-4200	12 mm	100
ZB-4205	13 mm	100
ZB-4210	14 mm	100
ZB-4215	15 mm	100
ZB-4220	16 mm	100
ZB-4225	17 mm	100
ZB-4230	18 mm	100
ZB-4235	19 mm	100
ZB-4240	20 mm	100
ZB-4245	21 mm	100
ZB-4250	22 mm	100
ZB-4255	23 mm	100
ZB-4260	24 mm	100
ZB-4265	25 mm	100
ZB-4270	26 mm	100
ZB-4275	27 mm	100
ZB-4280	28 mm	100
ZB-4285	29 mm	100
ZB-4290	30 mm	100
ZB-4295	31 mm	50
ZB-4300	32 mm	50
ZB-4305	33 mm	50
ZB-4310	34 mm	50
ZB-4315	35 mm	50
ZB-4320	36 mm	50
ZB-4325	37 mm	50
ZB-4330	38 mm	50
ZB-4335	39 mm	50
ZB-4340	40 mm	50
ZB-4345	41 mm	50
ZB-4350	42 mm	50
ZB-4355	43 mm	50
ZB-4360	44 mm	50



Anillo de Retención Externo Tipo DSH Métrico



Código	Medida	MIN
ZB-4365	45 mm	50
ZB-4370	46 mm	50
ZB-4375	47 mm	50
ZB-4380	48 mm	50
ZB-4385	50 mm	50
ZB-4390	51 mm	25
ZB-4395	52 mm	25
ZB-4400	53 mm	25
ZB-4405	54 mm	25
ZB-4410	55 mm	25
ZB-4415	56 mm	25
ZB-4420	57 mm	25
ZB-4425	58 mm	25
ZB-4430	60 mm	25
ZB-4435	62 mm	25
ZB-4440	63 mm	25
ZB-4445	64 mm	25
ZB-4450	65 mm	25
ZB-4455	67 mm	25
ZB-4460	68 mm	25
ZB-4465	70 mm	25
ZB-4470	72 mm	25
ZB-4475	75 mm	25
ZB-4480	76 mm	10
ZB-4485	78 mm	10
ZB-4490	80 mm	10
ZB-4495	81 mm	10
ZB-4500	82 mm	10
ZB-4505	85 mm	10
ZB-4510	88 mm	10
ZB-4515	90 mm	10
ZB-4520	92 mm	10
ZB-4525	95 mm	10
ZB-4530	98 mm	10
ZB-4535	100 mm	10
ZB-4540	102 mm	10



Anillo de Retención Externo Tipo DE Métrico



Código	Medida	MIN	Código	Medida	MIN
ZB-4095	1.2mm	100	ZB-4140	8mm	100
ZB-4100	1.5mm	100	ZB-4145	9mm	100
ZB-4105	1.9mm	100	ZB-4150	10mm	100
ZB-4110	2.3mm	100	ZB-4155	12mm	100
ZB-4115	3.2mm	100	ZB-4160	15mm	100
ZB-4120	4mm	100	ZB-4165	19mm	100
ZB-4125	5mm	100	ZB-4170	24mm	100
ZB-4130	6mm	100	ZB-4175	30mm	100
ZB-4135	7mm	100			

Código	Medida	MIN	Código	Medida	MIN
ZB-4545	3 mm	100	ZB-4715	38 mm	50
ZB-4550	4 mm	100	ZB-4720	39 mm	50
ZB-4555	5 mm	100	ZB-4725	40 mm	50
ZB-4560	6 mm	100	ZB-4730	41 mm	50
ZB-4565	7 mm	100	ZB-4735	42 mm	50
ZB-4570	8 mm	100	ZB-4740	44 mm	50
ZB-4575	9 mm	100	ZB-4745	45 mm	50
ZB-4580	10 mm	100	ZB-4750	46 mm	50
ZB-4585	11 mm	100	ZB-4755	47 mm	50
ZB-4590	12 mm	100	ZB-4760	48 mm	50
ZB-4595	13 mm	100	ZB-4765	50 mm	50
ZB-4600	14 mm	100	ZB-4770	52 mm	25
ZB-4605	15 mm	100	ZB-4775	54 mm	25
ZB-4610	16 mm	100	ZB-4780	55 mm	25
ZB-4615	17 mm	100	ZB-4785	56 mm	25
ZB-4620	18 mm	100	ZB-4790	57 mm	25
ZB-4625	19 mm	100	ZB-4795	58 mm	25
ZB-4630	20 mm	100	ZB-4800	60 mm	25
ZB-4635	21 mm	100	ZB-4805	62 mm	25
ZB-4640	23 mm	100	ZB-4810	63 mm	25
ZB-4645	24 mm	100	ZB-4815	65 mm	25
ZB-4650	25 mm	100	ZB-4820	67 mm	25
ZB-4655	26 mm	100	ZB-4825	68 mm	25
ZB-4660	27 mm	100	ZB-4830	70 mm	25
ZB-4665	28 mm	100	ZB-4835	72 mm	10
ZB-4670	29 mm	100	ZB-4840	75 mm	10
ZB-4675	30 mm	100	ZB-4845	78 mm	10
ZB-4680	31 mm	50	ZB-4850	80 mm	10
ZB-4685	32 mm	50	ZB-4855	82 mm	10
ZB-4690	33 mm	50	ZB-4860	85 mm	10
ZB-4695	34 mm	50	ZB-4865	90 mm	10
ZB-4700	35 mm	50	ZB-4870	95 mm	10
ZB-4705	36 mm	50	ZB-4875	100 mm	10
ZB-4710	37 mm	50			

También contamos con...

PINZAS PARA ANILLOS DE RETENCIÓN



Ver página 317

Juego de Anillos de Retención

- Incluye:
- | | |
|--------------------|--------------------|
| EXTERNO: | INTERNO: |
| 20 pzas. de 1/4" | 15 pzas. de 1/2" |
| 20 pzas. de 5/16" | 15 pzas. de 9/16" |
| 20 pzas. de 3/8" | 15 pzas. de 5/8" |
| 20 pzas. de 7/16" | 15 pzas. de 3/4" |
| 20 pzas. de 1/2" | 15 pzas. de 13/16" |
| 20 pzas. de 9/16" | 15 pzas. de 7/8" |
| 20 pzas. de 5/8" | |
| 20 pzas. de 3/4" | |
| 15 pzas. de 13/16" | |
| 15 pzas. de 7/8" | |
| 15 pzas. de 1" | |
| 5 pzas. de 1-1/4" | |



Código A-16430
Contenido 300 piezas

Juego de Chavetas

- Incluye:
- 150 pzas. de 1/16" x 1"
 - 150 pzas. de 3/32" x 1"
 - 100 pzas. de 3/32" x 1-1/2"
 - 75 pzas. de 1/8" x 1-1/4"
 - 50 pzas. de 1/8" x 2"
 - 30 pzas. de 5/32" x 2-1/2"



Código A-16400
Contenido 555 piezas

Juego de Clips "E"

- Incluye:
- 30 pzas. de 1/16"
 - 30 pzas. de 1/8"
 - 40 pzas. de 3/16"
 - 50 pzas. de 1/4"
 - 50 pzas. de 3/8"
 - 40 pzas. de 1/2"
 - 20 pzas. de 7/8"
 - 20 pzas. de 5/8"
 - 20 pzas. de 3/4"



Código A-16445
Contenido 300 piezas

Juego de Cuñas

- Incluye:
- 4 pzas. de 1/8"x1/8"x3/4"
 - 4 pzas. de 1/8"x1/8"x1"
 - 5 pzas. de 3/16"x3/16"x3/4"
 - 5 pzas. de 3/16"x3/16"x1"
 - 5 pzas. de 3/16"x3/16"x1-1/4"
 - 5 pzas. de 1/4"x1/4"x3/4"
 - 5 pzas. de 1/4"x1/4"x1-1/4"
 - 5 pzas. de 1/4"x1/4"x1-1/2"
 - 5 pzas. de 5/16"x5/16"x1-1/2"
 - 5 pzas. de 5/16"x5/16"x1-1/4"
 - 5 pzas. de 3/8"x3/8"x1-1/4"
 - 5 pzas. de 3/8"x3/8"x1-1/2"
 - 2 pzas. de 1/2"x1/2"x1-1/2"



Código A-16450
Contenido 60 piezas

Juego de Cuñas Media Luna

- Incluye:
- 10 pzas. de 1/8" x 13/64" x 33/64"
 - 10 pzas. de 1/8" x 1/4" x 5/8"
 - 10 pzas. de 5/32" x 19/64" x 3/4"
 - 10 pzas. de 5/32" x 1/4" x 5/8"
 - 10 pzas. de 5/32" x 13/64" x 33/64"
 - 10 pzas. de 13/64" x 19/64" x 3/4"
 - 10 pzas. de 13/64" x 23/64" x 7/8"
 - 10 pzas. de 15/64" x 23/64" x 7/8"



Código A-16440
Contenido 80 piezas

Juego de Empaques de Hule

- Incluye:
- | | |
|------------------------|-------------------|
| ARANDELA | TAPÓN |
| 15 pzas. de 1/8"x1/4" | 20 pzas. de 9/32" |
| 10 pzas. de 7/32"x1/2" | 20 pzas. de 3/8" |
| 7 pzas. de 9/32"x1/2" | 10 pzas. de 1/2" |
| 3 pzas. de 5/16"x9/16" | 5 pzas. de 5/8" |
| 6 pzas. de 3/8"x15/32" | 4 pzas. de 3/4" |
| 5 pzas. de 3/8"x1/2" | 3 pzas. de 7/8" |
| 3 pzas. de 3/8"x13/16" | 2 pzas. de 1" |
| 4 pzas. de 7/16"x3/4" | |
| 3 pzas. de 1/2"x19/32" | |
| 3 pzas. de 5/8"x31/32" | |
| 2 pzas. de 3/4"x15/16" | |



Código A-16465
Contenido 125 piezas

TORNILLOS Y SUJETADORES

Juego de Pernos

- Incluye:
- 42 pzas. de 3/32" x 1-3/16"
 - 30 pzas. de 5/64" x 1-5/16"
 - 25 pzas. de 5/64" x 1-9/16"
 - 25 pzas. de 7/64" x 1-5/8"
 - 20 pzas. 9/64" x 1-3/4"
 - 8 pzas. de 5/32" x 2-15/16"



Código	Contenido
A-16415	150 piezas



Juego de Perno con Hoyo

- Incluye:
- 10 pzas. de 7/16" x 1-3/4"
 - 6 pzas. de 5/16" x 1-3/4"
 - 18 pzas. de 1/4" x 1-3/4"
 - 16 pzas. de 3/16" x 1-7/16"



Código	Contenido
A-16405	50 piezas



Juego Surtido para Taller

- Incluye:
- CUÑA MEDIA LUNA
 - ANILLO DE RETENCIÓN EXTERNO
 - 25pzas. de 3/32" x 3/8"
 - 25 pzas. de 3/8"
 - 25 pzas. de 3/32" x 1/2"
 - 25 pzas. de 1/2"
 - 25 pzas. de 1/8" x 1/2"
 - 25 pzas. de 5/8"
 - 40 pzas. de 1/8" x 5/8"
 - 25 pzas. de 3/16" x 3/4"
 - 50 pzas. de 5/32" x 5/8"
 - CLIP E
 - 25 pzas. de 1/4"
 - 25 pzas. de 3/8"
 - PERNO ROLL PIN
 - 20 pzas. de 1/8" x 5/8"
 - 20 pzas. de 1/8" x 1"
 - 20 pzas. de 5/32" x 5/8"
 - 20 pzas. de 5/32" x 1"
 - 20 pzas. de 3/16" x 5/8"
 - 20 pzas. de 3/16" x 1"



Código	Contenido
A-16435	460 piezas

TORNILLOS Y SUJETADORES

Juego de O-Rings



Código	Medidas	Contenido
A-16470	Fraccional	407 piezas
A-16475	Métrico	419 piezas



O-Ring

Disponibles en medidas fraccionales y métricas



Fraccional	ØInterior	ØExterior	Espesor	MIN
● A-16470-060	11/16"	7/8"	3/32"	500
● A-16470-065	3/4"	15/16"	3/32"	500
● A-16470-070	13/16"	1"	3/32"	200
● A-16470-085	13/16"	1-1/16"	1/8"	200
● A-16470-090	7/8"	1-1/8"	1/8"	200
● A-16470-095	15/16"	1-3/16"	1/8"	200
● A-16470-100	1"	1-1/4"	1/8"	200
● A-16470-120	1-1/4"	1-1/2"	1/8"	200
● A-16470-130	1-3/8"	1-5/8"	1/8"	200
● A-16470-135	1-7/16"	1-11/16"	1/8"	200
● A-16470-145	1-5/8"	1-7/8"	1/8"	200
● A-16470-150	1-3/4"	2"	1/8"	200
● A-16470-155	1-7/8"	2-1/8"	1/8"	200

Métrico	ØInterior	Espesor	MIN
● A-16475-005	3 mm	1.50 mm	500
● A-16475-010	4.4 mm	2 mm	500
● A-16475-025	10 mm	1.50 mm	500
● A-16475-030	11 mm	1.50 mm	500
● A-16475-050	18 mm	2.50 mm	500
● A-16475-060	21 mm	2.50 mm	200
● A-16475-065	22 mm	2.50 mm	200
● A-16475-070	18 mm	3.50 mm	500
● A-16475-080	22 mm	3.50 mm	200
● A-16475-085	23.5 mm	3.50 mm	200
● A-16475-090	25 mm	3.50 mm	200
● A-16475-095	26.5 mm	3.50 mm	200
● A-16475-100	28 mm	3.50 mm	200
● A-16475-105	30 mm	3.50 mm	200
● A-16475-110	31 mm	3.50 mm	200
● A-16475-115	33 mm	3.50 mm	200
● A-16475-120	34.5 mm	3.50 mm	200
● A-16475-125	36 mm	3.50 mm	200
● A-16475-130	38 mm	3.50 mm	200
● A-16475-135	41 mm	3.50 mm	200
● A-16475-140	44 mm	3.50 mm	200
● A-16475-145	47 mm	3.50 mm	200
● A-16475-150	50 mm	3.50 mm	200



Juego de Perno Roll Pin

- Incluye:
- 10 pzas. de 1/16" x 3/16"
 - 15 pzas. de 3/16" x 5/8"
 - 10 pzas. de 1/16" x 3/4"
 - 15 pzas. de 3/16" x 1"
 - 10 pzas. de 1/16" x 5/16"
 - 15 pzas. de 3/16" x 1-1/4"
 - 10 pzas. de 5/32" x 5/8"
 - 10 pzas. de 7/32" x 5/8"
 - 10 pzas. de 5/32" x 1"
 - 10 pzas. de 7/32" x 1-1/4"
 - 10 pzas. de 5/32" x 1-1/2"
 - 10 pzas. de 7/32" x 1-3/4"
 - 10 pzas. de 5/64" x 1/4"
 - 10 pzas. de 1/4" x 5/8"
 - 10 pzas. de 5/64" x 1/2"
 - 10 pzas. de 1/4" x 1-1/4"
 - 10 pzas. de 5/64" x 1"
 - 10 pzas. de 1/4" x 1-3/4"
 - 15 pzas. de 1/8" x 5/8"
 - 10 pzas. de 5/16" x 3/4"
 - 15 pzas. de 1/8" x 1"
 - 10 pzas. de 5/16" x 1-1/2"
 - 15 pzas. de 1/8" x 1-1/4"
 - 10 pzas. de 5/16" x 2"
 - 10 pzas. de 3/32" x 5/8"
 - 5 pzas. de 3/8" x 3/4"
 - 10 pzas. de 3/32" x 1"
 - 5 pzas. de 3/8" x 1-1/2"
 - 10 pzas. de 3/32" x 1-1/4"
 - 5 pzas. de 3/8" x 2"



Código	Contenido
A-16425	315 piezas



Juego de Terminales Eléctricas

- Incluye:
- 4 pzas. de 12-10 ga terminal anillo 55-5
 - 4 pzas. de 12-10 ga terminal anillo 55-8
 - 4 pzas. de 12-10 ga terminal anillo 55-10
 - 5 pzas. de 12-10 ga conector macho
 - 5 pzas. de 12-10 ga desconector hembra
 - 12 pzas. de 12-10 ga conector empalme
 - 10 pzas. de 16-14 ga terminal anillo 2-6
 - 10 pzas. de 16-14 ga terminal anillo 2-5 L
 - 10 pzas. de 16-14 ga terminal anillo 2-4 L
 - 10 pzas. de 16-14 ga desconector hembra
 - 10 pzas. de 16-14 ga terminal pala 2-4M
 - 10 pzas. de 16-14 ga conector macho 55-5
 - 18 pzas. de 18-14 ga conector empalme
 - 4 pzas. de 18-14 ga conector empalme rápido
 - 8 pzas. de 22-18 ga terminal anillo 1.25-4 L
 - 4 pzas. de 22-18 ga conector empalme rápido
 - 12 pzas. de 22-18 ga conector empalme
 - 2x10 pzas. de 16-14 ga conector bala macho y desconector hembra



Código	Contenido
A-16455	160 piezas



LÍNEA DE ACERO INOXIDABLE

Fabricados con una **aleación de acero y cromo** que otorga propiedades como: material durable para **uso rudo** y **alta resistencia** a la humedad, a la corrosión y a la oxidación.

Ideales para usarse en: **exteriores**, lugares con alta concentración de **humedad, zonas costeras** o cuando se busca un **acabado estético limpio**.



Tornillo Hexagonal Acero Inoxidable Estándar

Rosca estándar
RC: Rosca Completa
RP: Rosca Parcial



Código	Rosca	Medidas	MIN
ZN-30010	RC	1/4"-20 x 1/2"	100
ZN-30012	RC	1/4"-20 x 3/4"	100
ZN-30014	RC	1/4"-20 x 7/8"	100
ZN-30016	RC	1/4"-20 x 1"	100
ZN-30018	RC	1/4"-20 x 1-1/4"	100
ZN-30020	RC	1/4"-20 x 1-1/2"	100
ZN-30022	RC	1/4"-20 x 2"	100
ZN-30024	RC	1/4"-20 x 2-1/2"	100
ZN-30026	RC	1/4"-20 x 3"	100
ZN-30028	RC	1/4"-20 x 3-1/2"	50
ZN-30030	RC	1/4"-20 x 4"	50
ZN-30032	RC	5/16"-18 x 1/2"	100
ZN-30034	RC	5/16"-18 x 3/4"	100
ZN-30036	RC	5/16"-18 x 7/8"	100
ZN-30038	RC	5/16"-18 x 1"	100
ZN-30040	RC	5/16"-18 x 1-1/4"	100
ZN-30042	RC	5/16"-18 x 1-1/2"	100
ZN-30044	RC	5/16"-18 x 2"	100
ZN-30046	RC	5/16"-18 x 2-1/2"	50
ZN-30048	RC	5/16"-18 x 3"	50
ZN-30050	RC	5/16"-18 x 3-1/2"	50
ZN-30052	RC	5/16"-18 x 4"	50
ZN-30054	RC	3/8"-16 x 3/4"	100
ZN-30056	RC	3/8"-16 x 7/8"	100
ZN-30058	RC	3/8"-16 x 1"	100
ZN-30060	RC	3/8"-16 x 1-1/4"	100
ZN-30062	RC	3/8"-16 x 1-1/2"	100
ZN-30064	RC	3/8"-16 x 2"	100
ZN-30066	RC	3/8"-16 x 2-1/2"	50
ZN-30068	RC	3/8"-16 x 3"	50
ZN-30070	RC	3/8"-16 x 3-1/2"	50
ZN-30072	RC	3/8"-16 x 4"	50
ZN-30074	RC	1/2"-13 x 1"	25
ZN-30076	RC	1/2"-13 x 1-1/4"	25



Tornillo Hexagonal Acero Inoxidable Métrico

Rosca métrica
RC: Rosca Completa



Código	Rosca	Medidas	MIN
ZN-30078	RC	1/2"-13 x 1-1/2"	25
ZN-30080	RC	1/2"-13 x 2"	20
ZN-30082	RC	1/2"-13 x 2-1/2"	20
ZN-30084	RC	1/2"-13 x 3"	20
ZN-30086	RC	1/2"-13 x 3-1/2"	20
ZN-30088	RC	1/2"-13 x 4"	20
ZN-30088-RP	RP	1/2"-13 x 4"	20
ZN-30090	RP	1/2"-13 x 4-1/2"	20
ZN-30092	RP	1/2"-13 x 5"	20
ZN-30094	RP	1/2"-13 x 5-1/2"	20
ZN-30096	RP	1/2"-13 x 6"	20
ZN-30098	RC	5/8"-11 x 1-1/4"	25
ZN-30100	RC	5/8"-11 x 1-1/2"	25
ZN-30102	RC	5/8"-11 x 2"	25
ZN-30104	RC	5/8"-11 x 2-1/2"	20
ZN-30106	RC	5/8"-11 x 3"	20
ZN-30108	RC	5/8"-11 x 3-1/2"	20
ZN-30110	RC	5/8"-11 x 4"	20
ZN-30112	RP	5/8"-11 x 4-1/2"	20
ZN-30114	RP	5/8"-11 x 5"	15
ZN-30116	RP	5/8"-11 x 5-1/2"	15
ZN-30118	RP	5/8"-11 x 6"	15
ZN-30120	RC	3/4"-10 x 1-1/4"	25
ZN-30122	RC	3/4"-10 x 1-1/2"	25
ZN-30124	RC	3/4"-10 x 2"	25
ZN-30126	RC	3/4"-10 x 2-1/2"	20
ZN-30128	RC	3/4"-10 x 3"	20
ZN-30130	RC	3/4"-10 x 3-1/2"	20
ZN-30132	RC	3/4"-10 x 4"	20
ZN-30134	RC	3/4"-10 x 4-1/2"	20
ZN-30136	RP	3/4"-10 x 5"	15
ZN-30138	RP	3/4"-10 x 5-1/2"	15
ZN-30140	RP	3/4"-10 x 6"	15

Código	Rosca	Medidas	MIN
ZN-30310	RC	M6-1.0 x 12 mm	200
ZN-30312	RC	M6-1.0 x 16 mm	200
ZN-30314	RC	M6-1.0 x 20 mm	200
ZN-30316	RC	M6-1.0 x 25 mm	200
ZN-30318	RC	M6-1.0 x 30 mm	200
ZN-30320	RC	M6-1.0 x 35 mm	200
ZN-30322	RC	M6-1.0 x 40 mm	200
ZN-30324	RC	M6-1.0 x 45 mm	200
ZN-30326	RC	M6-1.0 x 50 mm	200
ZN-30328	RC	M8-1.25 x 12 mm	100
ZN-30330	RC	M8-1.25 x 16 mm	100
ZN-30332	RC	M8-1.25 x 20 mm	100
ZN-30334	RC	M8-1.25 x 25 mm	100
ZN-30336	RC	M8-1.25 x 30 mm	100
ZN-30338	RC	M8-1.25 x 35 mm	100
ZN-30340	RC	M8-1.25 x 40 mm	100
ZN-30342	RC	M8-1.25 x 45 mm	100
ZN-30344	RC	M8-1.25 x 50 mm	100
ZN-30346	RC	M8-1.25 x 55 mm	50
ZN-30348	RC	M8-1.25 x 60 mm	50
ZN-30350	RC	M10-1.5 x 20 mm	50
ZN-30352	RC	M10-1.5 x 25 mm	50
ZN-30354	RC	M10-1.5 x 30 mm	50
ZN-30356	RC	M10-1.5 x 35 mm	50
ZN-30358	RC	M10-1.5 x 40 mm	50
ZN-30360	RC	M10-1.5 x 45 mm	50
ZN-30362	RC	M10-1.5 x 50 mm	50
ZN-30364	RC	M10-1.5 x 55 mm	25
ZN-30366	RC	M10-1.5 x 60 mm	25
ZN-30368	RC	M10-1.5 x 65 mm	25
ZN-30370	RC	M10-1.5 x 70 mm	25
ZN-30372	RC	M10-1.5 x 75 mm	25

Código	Rosca	Medidas	MIN
ZN-30374	RC	M10-1.5 x 80 mm	25
ZN-30376	RC	M10-1.5 x 85 mm	25
ZN-30378	RC	M10-1.5 x 90 mm	25
ZN-30380	RC	M10-1.5 x 100 mm	25
ZN-30382	RC	M12-1.75 x 20 mm	50
ZN-30384	RC	M12-1.75 x 25 mm	50
ZN-30386	RC	M12-1.75 x 30 mm	50
ZN-30388	RC	M12-1.75 x 35 mm	50
ZN-30390	RC	M12-1.75 x 40 mm	50
ZN-30392	RC	M12-1.75 x 45 mm	25
ZN-30394	RC	M12-1.75 x 50 mm	25
ZN-30396	RC	M12-1.75 x 55 mm	25
ZN-30398	RC	M12-1.75 x 60 mm	25
ZN-30400	RC	M12-1.75 x 65 mm	25
ZN-30402	RC	M12-1.75 x 70 mm	25
ZN-30404	RC	M12-1.75 x 75 mm	20
ZN-30406	RC	M12-1.75 x 80 mm	20
ZN-30408	RC	M12-1.75 x 85 mm	20
ZN-30410	RC	M12-1.75 x 90 mm	20
ZN-30412	RC	M12-1.75 x 100 mm	20
ZN-30414	RC	M16-2.0 x 40 mm	25
ZN-30416	RC	M16-2.0 x 45 mm	25
ZN-30418	RC	M16-2.0 x 50 mm	25
ZN-30420	RC	M16-2.0 x 55 mm	20
ZN-30422	RC	M16-2.0 x 60 mm	20
ZN-30424	RC	M16-2.0 x 65 mm	20
ZN-30426	RC	M16-2.0 x 70 mm	20
ZN-30428	RC	M16-2.0 x 75 mm	20
ZN-30430	RC	M16-2.0 x 80 mm	20
ZN-30432	RC	M16-2.0 x 85 mm	20
ZN-30434	RC	M16-2.0 x 90 mm	20
ZN-30436	RC	M16-2.0 x 100 mm	20

TORNILLOS Y SUJETADORES

Tornillo Allen Cilíndrico Acero Inoxidable Estándar

Rosca estándar
Acero Inoxidable 304
UNC



Código	Medidas	MIN
ZN-31000	#4-40 x 3/8"	100
ZN-31005	#4-40 x 1/2"	-
ZN-31010	#4-40 x 3/4"	100
ZN-31015	#5-40 x 3/8"	100
ZN-31020	#5-40 x 1/2"	100
ZN-31025	#5-40 x 3/4"	100
ZN-31030	#5-40 x 1"	-
ZN-31035	#5-40 x 1-1/4"	-
ZN-31040	#8-32 x 3/8"	-
ZN-31045	#8-32 x 1/2"	-
ZN-31050	#8-32 x 5/8"	-
ZN-31055	#8-32 x 3/4"	100
ZN-31060	#8-32 x 1"	-
ZN-31065	#10-24 x 1/2"	100
ZN-31070	#10-24 x 3/4"	100
ZN-31075	#10-24 x 1"	-
ZN-31080	#10-24 x 1-1/4"	-
ZN-31085	#10-24 x 1-1/2"	-
ZN-31090	#10-24 x 2"	100
ZN-31095	1/4 x 1/2"	100
ZN-31100	1/4 x 3/4"	100
ZN-31105	1/4 x 1"	100
ZN-31110	1/4 x 1-1/4"	100
ZN-31115	1/4 x 1-1/2"	100
ZN-31120	1/4 x 1-3/4"	100
ZN-31125	1/4 x 2"	100
ZN-31130	1/4 x 2-1/2"	100
ZN-31135	1/4 x 3"	50

Código	Medidas	MIN
ZN-31140	5/16 x 1/2"	100
ZN-31145	5/16 x 3/4"	100
ZN-31150	5/16 x 1"	100
ZN-31155	5/16 x 1-1/4"	100
ZN-31160	5/16 x 1-1/2"	100
ZN-31165	5/16 x 1-3/4"	100
ZN-31170	5/16 x 2"	50
ZN-31175	5/16 x 2-1/2"	50
ZN-31180	5/16 x 3"	50
ZN-31185	3/8 x 3/4"	50
ZN-31190	3/8 x 1"	50
ZN-31195	3/8 x 1-1/4"	50
ZN-31200	3/8 x 1-1/2"	50
ZN-31205	3/8 x 1-3/4"	50
ZN-31210	3/8 x 2"	50
ZN-31215	3/8 x 2-1/2"	50
ZN-31220	3/8 x 3"	25
ZN-31225	3/8 x 3-1/2"	25
ZN-31230	3/8 x 4"	25
ZN-31235	1/2 x 1"	25
ZN-31240	1/2 x 1-1/4"	25
ZN-31245	1/2 x 1-1/2"	25
ZN-31250	1/2 x 1-3/4"	25
ZN-31255	1/2 x 2"	25
ZN-31260	1/2 x 2-1/2"	25
ZN-31265	1/2 x 3"	25
ZN-31270	1/2 x 3-1/2"	25
ZN-31275	1/2 x 4"	25

Tornillo Allen Cilíndrico Acero Inoxidable Métrico

Rosca métrica
Acero Inoxidable 304
DIN 912



Código	Medidas	MIN
ZN-31400	M3-0.50 x 6 mm	100
ZN-31405	M3-0.50 x 8 mm	100
ZN-31410	M3-0.50 x 10 mm	100
ZN-31415	M3-0.50 x 12 mm	-
ZN-31420	M3-0.50 x 16 mm	100
ZN-31425	M3-0.50 x 20 mm	100
ZN-31430	M4-0.70 x 8 mm	100
ZN-31435	M4-0.70 x 10 mm	100
ZN-31440	M4-0.70 x 12 mm	100
ZN-31445	M4-0.70 x 16 mm	100
ZN-31450	M4-0.70 x 20 mm	100
ZN-31455	M4-0.70 x 25 mm	100
ZN-31460	M4-0.70 x 30 mm	100
ZN-31465	M4-0.70 x 35 mm	100
ZN-31470	M4-0.70 x 40 mm	100
ZN-31475	M5-0.80 x 10 mm	100
ZN-31480	M5-0.80 x 12 mm	100
ZN-31485	M5-0.80 x 16 mm	100
ZN-31490	M5-0.80 x 20 mm	100
ZN-31495	M5-0.80 x 25 mm	100
ZN-31500	M5-0.80 x 30 mm	100
ZN-31505	M5-0.80 x 35 mm	100
ZN-31510	M5-0.80 x 40 mm	100
ZN-31515	M6-1.00 x 10 mm	100
ZN-31520	M6-1.00 x 12 mm	100
ZN-31525	M6-1.00 x 16 mm	100
ZN-31530	M6-1.00 x 20 mm	100
ZN-31535	M6-1.00 x 25 mm	100
ZN-31540	M6-1.00 x 30 mm	100
ZN-31545	M6-1.00 x 35 mm	100
ZN-31550	M6-1.00 x 40 mm	100
ZN-31555	M6-1.00 x 45 mm	100

Código	Medidas	MIN
ZN-31560	M6-1.00 x 50 mm	100
ZN-31565	M8-1.25 x 12 mm	100
ZN-31570	M8-1.25 x 16 mm	100
ZN-31575	M8-1.25 x 20 mm	100
ZN-31580	M8-1.25 x 25 mm	100
ZN-31585	M8-1.25 x 30 mm	100
ZN-31590	M8-1.25 x 35 mm	100
ZN-31595	M8-1.25 x 40 mm	50
ZN-31600	M8-1.25 x 45 mm	50
ZN-31605	M8-1.25 x 50 mm	50
ZN-31610	M8-1.25 x 60 mm	50
ZN-31615	M8-1.25 x 70 mm	50
ZN-31620	M10-1.50 x 20 mm	50
ZN-31625	M10-1.50 x 25 mm	50
ZN-31630	M10-1.50 x 30 mm	50
ZN-31635	M10-1.50 x 35 mm	50
ZN-31640	M10-1.50 x 40 mm	50
ZN-31645	M10-1.50 x 45 mm	50
ZN-31650	M10-1.50 x 50 mm	50
ZN-31655	M10-1.50 x 60 mm	50
ZN-31660	M10-1.50 x 70 mm	50
ZN-31665	M10-1.50 x 80 mm	25
ZN-31670	M12-1.75 x 25 mm	25
ZN-31675	M12-1.75 x 30 mm	25
ZN-31680	M12-1.75 x 35 mm	25
ZN-31685	M12-1.75 x 40 mm	25
ZN-31690	M12-1.75 x 45 mm	25
ZN-31695	M12-1.75 x 50 mm	25
ZN-31700	M12-1.75 x 60 mm	25
ZN-31705	M12-1.75 x 70 mm	25
ZN-31710	M12-1.75 x 80 mm	25

TORNILLOS Y SUJETADORES

Tornillo Allen Cabeza Plana Acero Inoxidable Estándar

Rosca estándar
Acero Inoxidable 304



Código	Medidas	MIN
ZN-31800	#8 x 3/8"	100
ZN-31805	#8 x 1/2"	100
ZN-31810	#8 x 3/4"	100
ZN-31815	#8 x 1"	100
ZN-31820	#10 x 1/2"	100
ZN-31825	#10 x 3/4"	100
ZN-31830	#10 x 1"	100
ZN-31835	#10 x 1-1/4"	100
ZN-31840	#10 x 1-1/2"	100
ZN-31845	1/4 x 1/2"	100
ZN-31850	1/4 x 3/4"	100
ZN-31855	1/4 x 1"	100
ZN-31860	1/4 x 1-1/4"	100
ZN-31865	1/4 x 1-1/2"	100

Código	Medidas	MIN
ZN-31870	1/4 x 2"	100
ZN-31875	5/16 x 1/2"	100
ZN-31880	5/16 x 3/4"	100
ZN-31885	5/16 x 1"	100
ZN-31890	5/16 x 1-1/4"	50
ZN-31895	5/16 x 1-1/2"	50
ZN-31900	5/16 x 2"	50
ZN-31905	3/8 x 3/4"	100
ZN-31910	3/8 x 1"	100
ZN-31915	3/8 x 1-1/4"	50
ZN-31920	3/8 x 1-1/2"	50
ZN-31925	3/8 x 2"	50
ZN-31930	3/8 x 2-1/2"	50
ZN-31935	3/8 x 3"	50

Tornillo Allen Cabeza Plana Acero Inoxidable Métrico

Rosca métrica
Acero Inoxidable 304
DIN 991



Código	Medidas	MIN
ZN-32000	M4-0.70 x 8 mm	100
ZN-32005	M4-0.70 x 10 mm	100
ZN-32010	M4-0.70 x 12 mm	100
ZN-32015	M4-0.70 x 16 mm	100
ZN-32020	M4-0.70 x 20 mm	100
ZN-32025	M4-0.70 x 25 mm	100
ZN-32030	M4-0.70 x 30 mm	100
ZN-32035	M4-0.70 x 40 mm	100
ZN-32040	M5-0.80 x 8 mm	100
ZN-32045	M5-0.80 x 10 mm	100
ZN-32050	M5-0.80 x 12 mm	100
ZN-32055	M5-0.80 x 16 mm	100
ZN-32060	M5-0.80 x 20 mm	100
ZN-32065	M5-0.80 x 25 mm	100
ZN-32070	M5-0.80 x 30 mm	100
ZN-32075	M5-0.80 x 40 mm	100
ZN-32080	M6-1.00 x 10 mm	100
ZN-32085	M6-1.00 x 12 mm	100
ZN-32090	M6-1.00 x 16 mm	100
ZN-32095	M6-1.00 x 20 mm	100
ZN-32100	M6-1.00 x 25 mm	100
ZN-32105	M6-1.00 x 30 mm	100
ZN-32110	M6-1.00 x 35 mm	100
ZN-32115	M6-1.00 x 40 mm	100

Código	Medidas	MIN
ZN-32120	M6-1.00 x 50 mm	100
ZN-32125	M8-1.25 x 10 mm	-
ZN-32130	M8-1.25 x 16 mm	100
ZN-32135	M8-1.25 x 20 mm	100
ZN-32140	M8-1.25 x 25 mm	100
ZN-32145	M8-1.25 x 30 mm	100
ZN-32150	M8-1.25 x 35 mm	100
ZN-32155	M8-1.25 x 40 mm	50
ZN-32160	M8-1.25 x 45 mm	50
ZN-32165	M8-1.25 x 50 mm	50
ZN-32170	M10-1.50 x 20 mm	50
ZN-32175	M10-1.50 x 25 mm	50
ZN-32180	M10-1.50 x 30 mm	50
ZN-32185	M10-1.50 x 35 mm	50
ZN-32190	M10-1.50 x 40 mm	50
ZN-32195	M10-1.50 x 45 mm	50
ZN-32200	M10-1.50 x 50 mm	50
ZN-32210	M12-1.75 x 25 mm	25
ZN-32215	M12-1.75 x 30 mm	25
ZN-32220	M12-1.75 x 35 mm	25
ZN-32225	M12-1.75 x 40 mm	25
ZN-32230	M12-1.75 x 45 mm	25
ZN-32235	M12-1.75 x 50 mm	25

Tornillo Allen Cabeza de Botón Acero Inoxidable Estándar

Rosca estándar
Acero Inoxidable 304



Código	Medidas	MIN
ZN-32300	#5 x 1/4"	100
ZN-32305	#5 x 3/8"	100
ZN-32310	#5 x 1/2"	100
ZN-32315	#5 x 3/4"	100
ZN-32320	#8 x 1/4"	100
ZN-32325	#8 x 3/8"	100
ZN-32330	#8 x 1/2"	100
ZN-32335	#8 x 3/4"	100
ZN-32340	#8 x 1"	100
ZN-32345	#10 x 1/4"	-
ZN-32350	#10 x 3/8"	100
ZN-32355	#10 x 1/2"	100
ZN-32360	#10 x 3/4"	100
ZN-32365	#10 x 1"	100

Código	Medidas	MIN
ZN-32370	#10 x 1-1/4"	100
ZN-32375	1/4 x 3/8"	100
ZN-32380	1/4 x 1/2"	100
ZN-32385	1/4 x 3/4"	100
ZN-32390	1/4 x 1"	100
ZN-32395	1/4 x 1-1/4"	100
ZN-32400	1/4 x 1-1/2"	100
ZN-32405	5/16 x 3/4"	100
ZN-32410	5/16 x 1"	100
ZN-32415	5/16 x 1-1/4"	50
ZN-32420	5/16 x 1-1/2"	50
ZN-32425	3/8 x 1"	50
ZN-32430	3/8 x 1-1/2"	50

Tornillo Allen Cabeza de Botón Acero Inoxidable Métrico

Rosca métrica
Acero Inoxidable 304



Código	Medidas	MIN
ZN-32500	M4-0.70 x 6 mm	100
ZN-32505	M4-0.70 x 8 mm	100
ZN-32510	M4-0.70 x 10 mm	100
ZN-32515	M4-0.70 x 12 mm	100
ZN-32520	M4-0.70 x 16 mm	100
ZN-32525	M4-0.70 x 20 mm	100
ZN-32530	M4-0.70 x 25 mm	100
ZN-32535	M4-0.70 x 30 mm	100
ZN-32540	M4-0.70 x 40 mm	100
ZN-32545	M5-0.80 x 10 mm	100
ZN-32550	M5-0.80 x 12 mm	100
ZN-32555	M5-0.80 x 16 mm	100
ZN-32560	M5-0.80 x 20 mm	100
ZN-32565	M5-0.80 x 25 mm	100
ZN-32570	M5-0.80 x 30 mm	100
ZN-32575	M5-0.80 x 40 mm	100

Código	Medidas	MIN
ZN-32580	M6-1.00 x 12 mm	100
ZN-32585	M6-1.00 x 16 mm	100
ZN-32590	M6-1.00 x 20 mm	100
ZN-32595	M6-1.00 x 25 mm	100
ZN-32600	M6-1.00 x 30 mm	100
ZN-32605	M8-1.25 x 16 mm	100
ZN-32610	M8-1.25 x 20 mm	100
ZN-32615	M8-1.25 x 25 mm	100
ZN-32620	M8-1.25 x 30 mm	100
ZN-32625	M8-1.25 x 35 mm	100
ZN-32630	M10-1.50 x 20 mm	50
ZN-32635	M10-1.50 x 25 mm	50
ZN-32640	M10-1.50 x 30 mm	50
ZN-32645	M10-1.50 x 35 mm	50
ZN-32650	M10-1.50 x 40 mm	50

Opresor Allen Acero Inoxidable Estándar

Rosca estándar



Código	Medidas	MIN
ZE-30010	#8-32 x 3/16"	200
ZE-30012	#8-32 x 1/4"	200
ZE-30014	#8-32 x 3/8"	200
ZE-30016	#10-24 x 3/16"	100
ZE-30018	#10-24 x 1/4"	100
ZE-30020	#10-24 x 5/16"	100
ZE-30022	#10-24 x 3/8"	100
ZE-30024	1/4"-20 x 5/16"	100
ZE-30026	1/4"-20 x 3/8"	100
ZE-30028	1/4"-20 x 1/2"	100
ZE-30030	1/4"-20 x 5/8"	100

Código	Medidas	MIN
ZE-30032	5/16"-18 x 5/16"	100
ZE-30034	5/16"-18 x 3/8"	100
ZE-30036	5/16"-18 x 1/2"	100
ZE-30038	5/16"-18 x 3/4"	100
ZE-30040	3/8"-16 x 1/2"	50
ZE-30042	3/8"-16 x 3/4"	50
ZE-30044	1/2"-13 x 1/2"	50
ZE-30046	1/2"-13 x 1"	50
ZE-30048	1/2"-13 x 1-1/2"	50
ZE-30050	5/8"-11 x 5/8"	25

Tuerca Hexagonal Acero Inoxidable Estándar

Rosca estándar



Código	Medidas	MIN
ZK-30010	10-24	300
ZK-30012	1/4"-20	300
ZK-30014	5/16"-18	300
ZK-30016	3/8"-16	300
ZK-30018	7/16"-14	200
ZK-30020	1/2"-13	100
ZK-30022	9/16"-12	100
ZK-30024	5/8"-11	100
ZK-30026	3/4"-10	50
ZK-30028	7/8"-9	50
ZK-30030	1"-8	50

Tuerca Hexagonal Acero Inoxidable Métrica

Rosca métrica



Código	Medidas	MIN
ZK-30210	M4-0.70	300
ZK-30212	M5-0.80	300
ZK-30214	M6-1.00	300
ZK-30216	M8-1.25	200
ZK-30218	M10-1.50	100
ZK-30220	M12-1.75	100
ZK-30222	M14-2.00	100
ZK-30224	M16-2.00	50
ZK-30226	M18-2.50	50
ZK-30228	M20-2.50	50
ZK-30230	M24-3.00	50

Tuerca de Seguridad Acero Inoxidable Estándar

Rosca estándar
Con inserto de nailon



Código	Medidas	MIN
ZK-30610	1/4"-20	100
ZK-30612	5/16"-18	100
ZK-30614	3/8"-16	100
ZK-30616	7/16"-14	50
ZK-30618	1/2"-13	50
ZK-30620	5/8"-11	25
ZK-30622	3/4"-10	25
ZK-30624	7/8"-9	10
ZK-30626	1"-8	10

Tuerca Hexagonal con Arandela Dentada Acero Inoxidable Estándar

Rosca estándar



Código	Medidas	MIN
ZK-30110	1/4"-20	100
ZK-30112	5/16"-18	100
ZK-30114	3/8"-16	100
ZK-30116	1/2"-13	50

Tuerca Hexagonal con Arandela Dentada Acero Inoxidable Métrica

Rosca métrica



Código	Medidas	MIN
ZK-30118	M4-0.70	100
ZK-30120	M5-0.80	100
ZK-30122	M6-1.00	100
ZK-30124	M8-1.25	50
ZK-30126	M10-1.50	50
ZK-30128	M12-1.75	50

Tuerca Mariposa Acero Inoxidable Estándar

Rosca estándar



Código	Medidas	MIN
ZK-30410	#10-24	100
ZK-30412	1/4"-20	100
ZK-30414	5/16"-18	100
ZK-30416	3/8"-16	100
ZK-30418	1/2"-13	50

TORNILLOS Y SUJETADORES

**Rondana Plana
Acero Inoxidable
Estándar**



Código	Medidas	MIN
ZP-30010	1/4"	500
ZP-30012	5/16"	500
ZP-30014	3/8"	300
ZP-30016	7/16"	300
ZP-30018	1/2"	200
ZP-30020	5/8"	100
ZP-30022	3/4"	50
ZP-30024	7/8"	50
ZP-30026	1"	25

**Rondana Plana
Acero Inoxidable
Métrica**



Código	Medidas	MIN
ZP-30210	M6	500
ZP-30212	M8	500
ZP-30214	M10	300
ZP-30216	M12	300
ZP-30218	M16	100
ZP-30220	M20	50
ZP-30222	M24	50

**Rondana de Presión
Acero Inoxidable
Estándar**



Código	Medidas	MIN
ZP-30310	1/4"	500
ZP-30312	5/16"	500
ZP-30314	3/8"	300
ZP-30316	7/16"	300
ZP-30318	1/2"	200
ZP-30320	5/8"	100
ZP-30322	3/4"	50
ZP-30324	7/8"	50
ZP-30326	1"	25

**Rondana de Presión
Acero Inoxidable
Métrica**



Código	Medidas	MIN
ZP-30510	M6	500
ZP-30512	M8	500
ZP-30514	M10	300
ZP-30516	M12	300
ZP-30518	M16	100
ZP-30520	M20	50
ZP-30522	M24	50

TORNILLOS Y SUJETADORES

**Varilla Roscada
Acero Inoxidable**

1 metro de largo



Código	Medidas
ZF-30010	#10-24
ZF-30012	1/4"-20
ZF-30014	5/16"-18
ZF-30016	3/8"-16
ZF-30018	7/16"-14
ZF-30020	1/2"-13
ZF-30022	5/8"-11
ZF-30024	3/4"-10
ZF-30026	7/8"-9
ZF-30028	1"-8

**Anillo de Retención
Externo Tipo C
Acero Inoxidable**



Código	Medida	MIN:
ZB-6000	5/16"	100

**Anillo de Retención
Externo Tipo SH
Acero Inoxidable**



Código	Medidas	MIN
ZB-5370SS	1/4"	100
ZB-5385SS	5/16"	100
ZB-5400SS	3/8"	100
ZB-5415SS	7/16"	100
ZB-5435SS	9/16"	100
ZB-5455SS	11/16"	100
ZB-5470SS	13/16"	50
ZB-5485SS	15/16"	50
ZB-5505SS	1-1/16"	50
ZB-5525SS	1-5/16"	50
ZB-6500	1/2"	100
ZB-6505	5/8"	100
ZB-6510	3/4"	100
ZB-6515	7/8"	100
ZB-6520	1"	100
ZB-6525	1-1/8"	50
ZB-6530	1-3/16"	50
ZB-6535	1-1/4"	50
ZB-6540	1-3/8"	50
ZB-6545	1-1/2"	50
ZB-6550	1-5/8"	50
ZB-6555	1-3/4"	50
ZB-6560	1-7/8"	50
ZB-6565	1-31/32"	50
ZB-6570	2"	50

**Anillo de Retención
Interno Tipo HO
Acero Inoxidable**



Código	Medidas	MIN
ZB-4940SS	1/4"	100
ZB-4945SS	5/16"	100
ZB-4950SS	3/8"	100
ZB-4955SS	7/16"	100
ZB-4965SS	1/2"	100
ZB-4975SS	9/16"	100
ZB-4980SS	5/8"	100
ZB-4985SS	11/16"	100
ZB-4990SS	3/4"	100
ZB-5000SS	13/16"	100
ZB-5015SS	15/16"	100
ZB-5020SS	1"	100
ZB-5025SS	1-1/16"	50
ZB-5030SS	1-1/8"	50
ZB-5040SS	1-1/4"	50
ZB-5045SS	1-5/16"	50
ZB-5050SS	1-3/8"	50
ZB-5065SS	1-1/2"	50
ZB-5075SS	1-5/8"	50
ZB-5090SS	1-3/4"	50
ZB-5105SS	1-7/8"	50
ZB-5115SS	2"	50



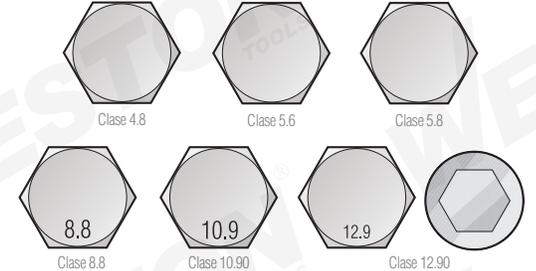
SELECCIÓN DE TORNILLOS

Marcas de identificación de grados:

Pulgada



Métrico



FUERZA DE TENSIÓN EN LOS TORNILLOS

Grados y Clases		
Pulgada PSI (libras por pulgada²)		Métrico MPa (megapascalas)
Grado 2 (arriba de 3/4")	58015 =	400 Clase 4.6
	60000 =	414
	60916 =	420 Clase 4.8
Grado 2 (hasta 3/4")	74000 =	510
	72519 =	500 Clase 5.6
	75420 =	520 Clase 5.8
	87023 =	600 Clase 6.8
Grado 5 (arriba de 1")	105000 =	724
Grado 5 (hasta 1")	120000 =	827
	120381 =	830 Clase 8.8
	130534 =	900 Clase 9.8
Grado 7	133000 =	916
Grado 8	150000 =	1034
	150839 =	1040 Clase 10.90
ASTM A574 <= 1/2" - 180,000 PSI L 9 (Grado 9)	176946 =	1220 Clase 12.90
L 9 (Grado 9)	180000 =	1240