APEX®

ASSEMBLY & FABRICATION TOOLS

MARZO 2026

TOLEDO®

PUNTAS 1/4" PLANAS

Clave	Tamaño del Tornillo	Longitud Total in	Longitud Total mm	Espesor de la hoja in	Espesor de la hoja mm	Ancho de la hoja in	Ancho de la hoja mm	Empaque	Precio Unitario
HPX4451X	4F-5R	1	25	0.034	0.86	3/16	4.8	1	**$82.10**
HPX4452X	6F-8R	1	25	.040	1.02	7/32	5.6	1	**$77.90**

TAMAÑOS DE TORNILLOS RANURADOS

Tamaño del Tornillo	Cabeza plana / ovalada Madera	Cabeza plana / ovalada Mach.	Cabeza redonda Madera	Cabeza redonda Mach.	Cabeza Ranurada	Cabeza Fijadora	Fillister Cap	Fillister Mach.	Cabeza de Pan	Ancho de la ranura
1	.146	.146	.138	.138	—	—	—	.118	—	.026
	.130	.130	.122	.122	—	—	—	.104	—	.019
2	.172	.172	.162	.162	.194	.181	—	.140	.167	.031
	.156	.156	.146	.146	.180	.171	—	.124	.155	.023
3	.199	.199	.187	.187	.226	.208	—	.161	.193	.035
	.181	.181	.169	.169	.211	.197	—	.145	.180	.027
4	.225	.225	.211	.211	.257	.235	—	.183	.219	.039
	.207	.207	.193	.193	.241	.223	—	.166	.205	.031
5	.232	.252	.236	.236	.289	.263	—	.187	.245	.035
	.279	.232	.217	.217	.272	.249	—	.226	.231	.048
6	.257	.279	.260	.260	.321	.290	—	.208	.270	.048
	.305	.257	.240	.240	.303	.275	—	.205	.256	.039
7	.283	—	.285	—	.352	—	—	—	.296	.054
	.332	—	.264	—	.333	—	—	—	.281	.045
8	.308	.332	.309	.309	.384	.344	—	.270	.322	.054
	.358	.308	.287	.287	.364	.326	—	.250	.306	.045
9	.334	—	.334	—	—	—	—	—	—	.060
	.385	—	.311	—	—	—	—	—	—	.050
10	—	.385	.359	.359	.448	.339	—	.313	.373	.067
	.438	.359	.334	.334	.425	.378	—	.292	.357	.056
12	.410	.438	.408	.408	.511	.454	—	.357	.425	.075
	.491	.410	.382	.382	.487	.430	—	.334	.407	.064
14	.461	—	.457	—	—	—	—	—	—	.075
	—	—	.424	—.	—	—	—	—	—	.064
1/4"	—	.507	—	472	.573	.513	.375	.414	.492	.075
	.544	.477	—	.443	.546	.488	.363	.389	.473	.064
16	.512	—	.506	—	—	—	—	—	—	.084
	.597	—	.476	—	—	—	—	—	—	.072
18	.563	—	.555	—	—	—	—	—	—	.084
	—	—	.523	—	—	—	—	—	—	.072
5/16"	—	.635	—	.590	.698	.641	.437	.518	.615	.084
	.650	.600	—	.557	.666	.609	.424	.490	.594	.072
20	.614	—	.604	—	—	—	—	—	—	.094
	.756	—	.570	—	—	—	—	—	—	.081
24	.716	—	.702	—	—	—	—	—	—	.094
	—	—	.664	—	—	—	—	—	—	.081
3/8"	—	.762	—	.708	.823	.769	.562	.622	.740	.039
		.722	—	.670	.787	.731	.547	.590	.716	.043

PUNTAS 1/4" CUADRADAS

Clave	Tamaño de la punta	Medida Nominal	Longitud Total in	Longitud Total mm	Empaque	Precio Unitario
HPX9502X	2	1/8	1	25	1	**$62.60**

PUNTAS 1/4" TORX®

Clave	Medida	A	Longitud Total in	Longitud Total mm	Empaque	Precio Unitario
HPX440T10X	T-10	.107	1	25	1	**$122.40**
HPX440T15X	T-15	.128	1	25	1	**$122.40**
HPX440T20X	T-20	.151	1	25	1	**$124.00**
HPX440T25X	T-25	.173	1	25	1	**$124.00**
HPX440T30X	T-30	.216	1	25	1	**$124.00**
HPX440T40X	T-40	.260	1	25	1	**$124.00**

PUNTAS 1/4" HEXAGONALES PHILLIPS

Clave	Tamaño de la punta	Longitud Total in	Longitud Total mm	Empaque	Precio Unitario
HPX4401X	1	1	25	1	**$36.00**
HPX4462X	2	1	25	1	**$37.50**
HPX4402X	2	1	25	1	**$34.20**
HPX4403X	3	1	25	1	**$34.20**

PUNTAS 1/4" TORX® DE SEGURIDAD

Clave	Medida	A	Longitud Total in	Longitud Total mm	Empaque	Precio Unitario
HPX440T15H	T-15-H	.128	1	25	1	**$261.00**
HPX440T20H	T-20-H	.151	1	25	1	**$261.00**
HPX440T25H	T-25-H	.173	1	25	1	**$261.00**
HPX440T40H	T-40-H	.260	1	25	1	**$261.00**

PUNTA DE PODER 1/4" CUADRADA

Clave	Tamaño de la punta	Medida Nominal	Longitud Total in	Longitud Total mm	Empaque	Precio Unitario
HPX9542X	2	1/8	1-15/16	49	1	**$71.70**

PUNTAS 1/4" HEXAGONAL

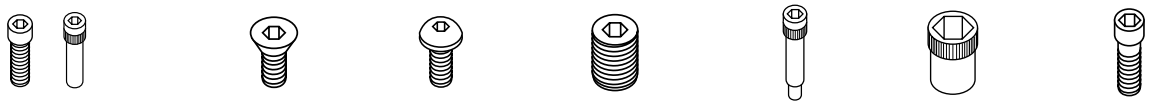
Clave	Hex Tamaño in	Longitud Total in	Longitud Total mm	Empaque	Precio Unitario
HPX1856X	1/4	1-5/16	33	1	**$149.90**
HPX1852X	1/8	1	25	1	**$119.10**
HPX18510X	9/64	1	25	1	**$119.60**
HPX1853X	5/32	1-5/16	33	1	**$125.80**
HPX1854X	3/16	1-5/16	33	1	**$145.70**

GUÍA DE MEDIDAS TORNILLOS DE HEXÁGONO INTERIOR

SAE

Hexágono Normal Tamaño, IN.	Hexágono Interior Serie 1960	Tornillos de Capuchón Serie 1936	Cabeza Plana	Cabeza Botón	Tornillos de Fijación	Pernos de Hombro	Tapones de Presión	Todas las Tuercas	Cabeza Baja
.050	0	0, 1	1, 2	3, 4	—	—	—	4	.050
1/16	1	2	3, 4	3, 4	5, 6	—	—	—	5, 6
5/64	2, 3	3, 4	5, 6	5, 6	8	—	—	—	8
3/32	4, 5	5, 6	8	8	10	—	—	—	10
7/64	6	—	—	—	—	—	—	—	—
1/8	—	8	10	10	1/4	1/4	—	4, 5	1/4
9/64	8	10	—	—	—	—	—	—	—
5/32	10	1/4	1/4	1/4	5/16	5/16	—	6	5/16
3/16	1/4	—	5/16	5/16	3/8	3/8	—	8, 10	3/8
7/32	—	5/16	3/8	3/8	7/16	—	1/16	—	7/16
1/4	5/16	—	7/16	—	1/2	1/2	1/8	1/4	1/2
5/16	3/8	3/8, 7/16	1/2	—	5/8	5/8	—	5/16	5/8
3/8	7/16, 1/2	1/2	5/8	—	3/4	3/4	1/4	3/8	—
7/16	—	—	—	—	—	—	3/8	7/16	—
1/2	5/8	5/8	3/4	—	7/8	1	1/2	1/2	—
9/16	—	3/4, 7/8	7/8	—	1, 1 1/8	—	—	—	—
5/8	3/4	1	1	—	1 1/4, 1 3/8	1 1/4	—	5/8	—
3/4	7/8, 1	1 1/8, 1 1/4, 1 3/8	1 1/8	—	1 1/2	—	3/4	3/4	—
7/8	1 1/8, 1 1/4	—	1 1/4, 1 3/8	—	—	1 1/2	1	7/8	—
1	1 3/8, 1 1/2	1 1/2	1 1/2	—	1 3/4, 2	1 3/4	1 1/4	1	—
1 1/4	1 3/4	—	—	—	—	2	—	1 1/4	—
1 1/2	2	—	—	—	—	—	1 1/2, 2	1 1/2	—
1 3/4	2 1/4, 2 1/2	—	—	—	—	—	—	—	1 3/4
2	2 3/4	—	—	—	—	—	—	—	—

MÉTRICOS

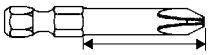


Hexágono Normal Tamaño, IN.	Hexágono Interior Tornillos de Capuchón	Cabeza Plana	Cabeza Botón	Tornillos de Fijación	Pernos de Hombro	Todas las Tuercas	Cabeza Baja
1.5	M1.6, M1.7, M2	—	—	M3	—	—	—
22	M2.3, M2.5, M2.6	M3	M3	M4	—	—	—
.5	M3	M4	M4	M5	—	—	—
3	M4	M5	M5	M6	6mm	M3	M4
4	M5	M6	M6	M8	8mm	M4	M5
5	M6	M8	M8	M10	10mm	M5	M6
6	M8	M10	M10	M12, M14	12mm	M6	M8
8	M10	M12	M12	M16	16mm	M8	M10
10	M12	M14, M16	—	M20	20mm	M10	M12
12	M14	M20	—	M24	—	M12	M14
14	M16	—	—	—	—	—	M16
17	M20	—	—	—	—	M16	M20, M22
19	M24	—	—	—	—	—	M24

PUNTAS 1/4” HEXAGONAL MÉTRICAS

Clave	Hex Tamaño mm	Longitud Total in	Longitud Total mm	Empaque	Precio Unitario
HPX1852M	2	1	25	1	**$149.90**
HPX1853M	3	1	25	1	**$149.90**
HPX1854M	4	1-5/16	33	1	**$149.90**
HPX1855M	5	1-5/16	33	1	**$143.70**
HPX1856M	6	1-5/16	33	1	**$143.70**

PUNTAS DE PODER 1/4” HEXAGONALES PHILLIPS

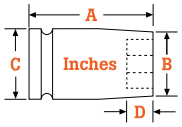


Clave	Tamaño de la punta	Longitud Total in	Longitud Total mm	Diámetro in	Diámetro mm	Longitud Torneada in	Longitud Torneada mm	Empaque	Precio Unitario
HPX491BX	1	3-1/2	89	3/16	4.8	2-3/4	70	1	**$114.20**
HPX491CX	1	6	152	3/16	4.8	5-1/4	133	1	**$405.00**
HPX49227X	2	1-15/16	49	1/4	6.4	1-1/4	32	1	**$75.60**
HPX492AX	2	2-3/4	70	1/4	6.4	2	51	1	**$77.40**
HPX492CX	2	6	152	1/4	6.4	2	51	1	**$177.00**

PUNTAS DE PODER 1/4” TORX®

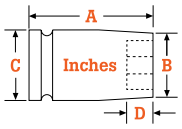
Clave	Medida	A	Diámetro in	Diámetro mm	Longitud Total in	Longitud Total mm	Empaque	Precio Unitario
HPX49T15	T-15	.128	.150	3.8	1-15/16	49	1	**$214.00**
HPX49T20	T-20	.151	.171	4.3	1-15/16	49	1	**$214.00**
HPX49AT20	T-20	.151	.171	4.3	2-3/4	70	1	**$236.00**
HPX49AT25	T-25	.173	.193	4.9	2-3/4	70	1	**$236.00**
HPX49BT25	T-25	.173	.193	4.9	3-1/2	89	1	**$297.00**
HPX49T30	T-30	.216	.236	6	1-15/16	49	1	**$214.00**
HPX49T40	T-40	.260	.309	7.8	1-15/16	49	1	**$214.00**

DADO LARGO 1/4" 6 PUNTAS



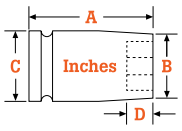
Clave	Hex Apertura in	Longitud Total (A) in	Diámetro del extremo de la nariz (B) in	Diámetro de Salida (C) in	Profundidad de apertura (D) in	E	Precio Unitario
HPX1208	1/4	1-3/4	3/8	1/2	5/32	1	**$473.00**

DADOS CORTOS 3/8" 6 PUNTAS



Clave	Hex Apertura in	Longitud Total (A) in	Diámetro del extremo de la nariz (B) in	Diámetro de Salida (C) in	Profundidad de apertura (D) in	E	Precio Unitario
HPX3114	7/16	1- 1/2	11/16	3/4	9/32	1	**$466.00**
HPX3116	1/2	1-1/2	13/16	13/16	11/32	1	**$485.00**
HPX3118	9/16	1-1/2	7/8	7/8	7/16	1	**$522.00**

DADOS CORTOS 1/2" 6 PUNTAS



Clave	Hex Apertura in	Longitud Total (A) in	Diámetro del extremo de la nariz (B) in	Diámetro de Salida (C) in	Profundidad de apertura (D) in	E	Precio Unitario
HPX5122	11/16	1-1/2	1-1/8	1-1/8	7/16	1	**$973.00**
HPX5120	5/8	1 -1/2	1	1	7/16	1	**$753.00**

DADOS MAGNÉTICOS 1/4" METAL 6 PUNTAS

Clave	Hex Apertura in	Longitud Total in	Diámetro del extremo de la nariz in	Empaque	Precio Unitario
HPXMA08	1/4	1-3/4	7/16	1	**$442.00**
HPXMA10	5/16	1-3/4	1/2	1	**$534.00**
HPXMB10	5/16	2-9/16	1/2	1	**$559.00**
HPXMA12	3/8	1-3/4	9/16	1	**$525.00**
HPXMB12	3/8	2-9/16	9/16	1	**$537.00**
HPXMA14	7/16	2	11/16	1	**$574.00**

EXTENSOR

Clave	Medida in	Hex Adapta a in	Tipo	Longitud Total in	Longitud Total mm	E	Precio Unitario
HPX2503	1/4 DR	1/4	Pin	3	76	1	**$362.00**
HPX5003	1/2 DR	1/4	Pin	3	76	1	**$1,268.00**

HOLDER MAGNÉTICO 1/4"

Clave	OAL in	OAL mm	Empaque	Precio Unitario
HPXM490	2-31/32	75	1	**$529.00**
HPXM497	3-3/32	79	1	**$821.00**
HPXM4906	6	152	1	**$1,098.00**
HPXM49010	10	254	1	**$1,442.00**
HPXM49012	12	304	1	**$1,980.00**