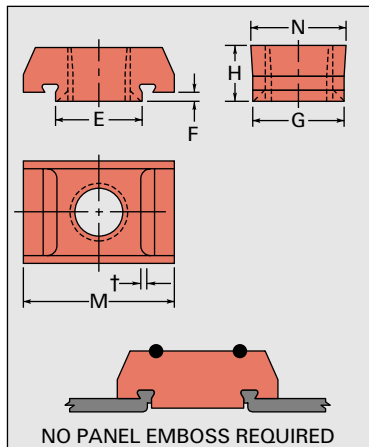
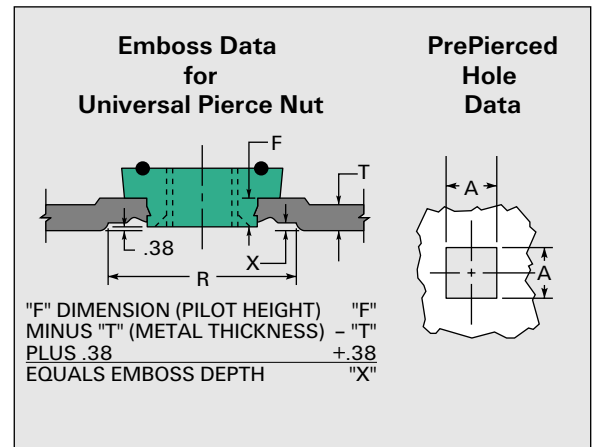
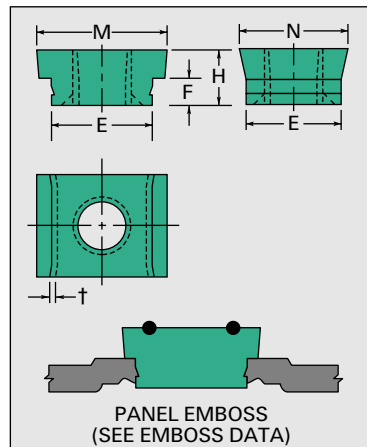


Pierce Nut Standards

HI/HS® PIERCE NUT



UNIVERSAL PIERCE NUT



SIZE	STRIP-PIERCE® NUT NO.	BULK PIERCE NUT NO.	STANDARD PIERCE METAL RANGE T [‡]	N	E	F	M	H	G	R ^{***}	PRE-PIERCED HOLE DATA A
				NUT WIDTH +0.00 -0.25	PILOT WIDTH ±0.13	PILOT HEIGHT ±0.08 +0.00 -0.10	NUT LENGTH ±0.13	NUT THICKNESS ±0.08	PILOT LENGTH ±0.13	MIN. EMBOSS DIA.	HOLE SIZE +0.08 -0.00

HI PIERCE NUTS

M6 x 1.0	60AW610	NA	.64-1.65	11.10	8.20	NA	.64	16.74	5.51	10.85	NA	NA
M6 x 1.0	61W610	NA	1.40-2.20	11.10	8.20	NA	1.40	16.74	6.27	10.85	NA	NA
M8 x 1.25	80AW825	NA	.64-1.65	12.85	10.21	NA	.64	19.61	6.50	12.60	NA	NA
M12 x 1.75	20W1275	NA	1.40-2.79	21.46 ••	16.77	NA	1.40	30.33	10.01	20.96	NA	NA

HS® PIERCE NUTS

M5 x 0.8	12WM508	12M508	.64-2.29	11.61	9.35	NA	.64	18.03	5.21	11.35	NA	NA
M6 x 1.0	12WM610	12M610	.64-2.29	11.61	9.35	NA	.64	18.03	5.21	11.35	NA	NA
	45WM610	NA	1.40-2.79	11.68 •	9.35	NA	1.40	18.03	5.97	11.35	NA	NA
M8 x 1.25	22WM825	22M825	.64-2.29	14.22 •	10.97	NA	.64	20.62	7.14	13.89	NA	NA
	25WM825	25M825	1.40-2.79	14.22 •	10.97	NA	1.40	20.62	7.90	13.89	NA	NA
M10 x 1.5	32WM015	32M015	1.02-2.29	15.65 ••	13.89	NA	1.02	24.05	8.64	15.24	NA	NA

UNIVERSAL PIERCE NUTS

M4 x 0.7	51WM407	51M407	.64-1.68	9.53	9.27	1.98	NA	12.70	4.75	NA	16.0	9.44
M5 x 0.8	51WM508	51M508	.64-1.68	9.53	9.27	1.98	NA	12.70	4.75	NA	16.0	9.44
M6 x 1.0	21WM610	21M610	.64-2.21	11.10	10.85	2.77	NA	15.88	5.38	NA	19.1	11.02
	50WM610	NA	.60-1.00	9.53	9.27	1.35	NA	12.70	4.11	NA	16.0	9.44
	51WM610	51M610	.64-1.68	9.53	9.27	1.98	NA	12.70	4.75	NA	16.0	9.44
	NA	13M610	.64-2.74	9.53	9.27	3.23	NA	12.70	5.21	NA	16.0	9.44
M8 x 1.25	39WM825	39M825	.64-2.69	12.57	12.32	3.18	NA	17.45	6.35	NA	22.4	12.50
	37WM825	37M825	.64-2.69	14.15	13.89**	3.18	NA	19.05**	7.14	NA	23.9	14.10
M10 x 1.5	99WM015	99M015	1.27-3.56	17.75 ••	17.45	4.19	NA	24.05	9.14	NA	30.2	17.65
M12 x 1.75	99WM1275	99M1275	1.27-3.56	17.75 ••	17.45	4.19	NA	24.05	9.14	NA	30.2	17.65

** Additional local distortion of 0.15 per side may be experienced.
 *** Square or Rectangular Emboss may be used.

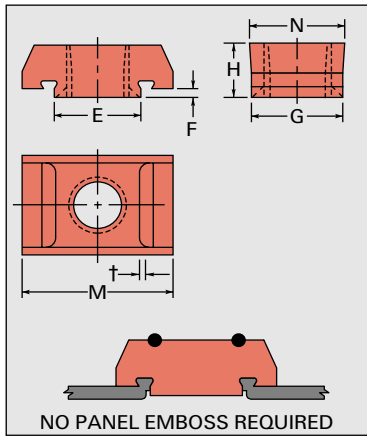
❖ Consult manufacturer for installation recommendations that are in HSLA material or outside pierce metal range.
 † Edge burrs from cut off may exceed tolerances shown by 0.15.
 • = +.000 -0.33
 •• = +.000 -0.50

Fasten it. Drive it.®

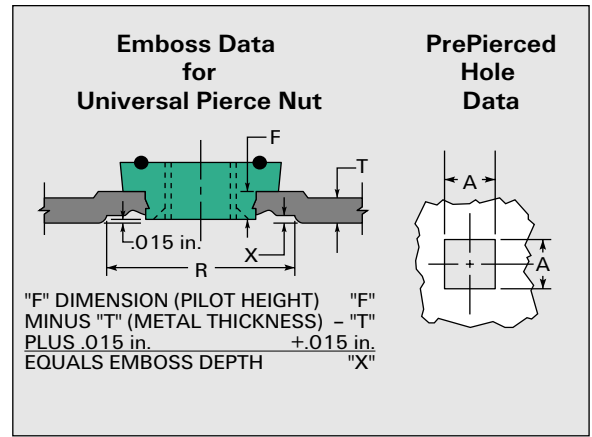
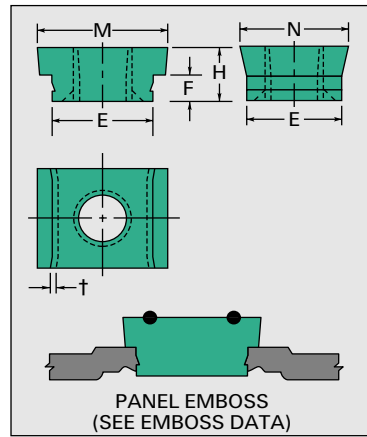


Pierce Nut Standards

HI/HS® PIERCE NUT



UNIVERSAL PIERCE NUT



SIZE	STRIP-PIERCE® NUT NO.	BULK PIERCE NUT NO.	STANDARD PIERCE METAL RANGE T❖	N	E	F		M	H	G	R***	PRE-PIERCED HOLE DATA A
				NUT WIDTH +.000 -.010	PILOT WIDTH ±.005	PILOT HEIGHT ±.003 +.000 -.004	NUT LENGTH ±.005	NUT THICKNESS ±.003	PILOT LENGTH ±.005	MIN. EMBOSS DIA.	HOLE SIZE +.003 -.000	

HI PIERCE NUTS

1/4-20	60WE420	60E420	.025-.065	.437	.323	NA	.025	.659	.217	.427	NA	NA
1/4-20	61WE420	NA	.055-.086	.437	.323	NA	.055	.659	.247	.427	NA	NA
5/16-18	80WE618	80E618	.025-.065	.506	.402	NA	.025	.772	.256	.496	NA	NA
7/16-14	20WE7614	20E7614	.055-.110	.845 ••	.660	NA	.055	1.194	.394	.825	NA	NA

HS® PIERCE NUTS

1/4-20	12WE420	12E420	.025-.090	.457	.368	NA	.025	.710	.205	.447	NA	NA
	45WE420	NA	.055-.110	.460 •	.368	NA	.055	.710	.235	.447	NA	NA
5/16-18	22WE618	22E618	.025-.090	.560 •	.432	NA	.025	.812	.281	.547	NA	NA
	25WE618	25E618	.055-.110	.560 •	.432	NA	.055	.812	.311	.547	NA	NA
3/8-16	32WE816	32E816	.040-.090	.616 ••	.547	NA	.040	.947	.340	.600	NA	NA

UNIVERSAL PIERCE NUTS

#10-24	51WE024	51E024	.025-.066	.375	.365	.078	NA	.500	.187	NA	.63	.372
1/4-20	21WE420	21E420	.025-.087	.437	.427	.109	NA	.625	.212	NA	.75	.434
	50WE420	NA	.024-.039	.375	.365	.053	NA	.500	.162	NA	.63	.372
	51WE420	51E420	.025-.066	.375	.365	.078	NA	.500	.187	NA	.63	.372
	NA	13E420	.025-.108	.375	.365	.127	NA	.500	.205	NA	.63	.378
5/16-18	39WE618	39E618	.025-.106	.495	.485	.125	NA	.687	.250	NA	.88	.492
	37WE618	37E618	.025-.106	.557	.547**	.125	NA	.750**	.281	NA	.94	.555
3/8-16	37WE816	37E816	.025-.106	.557	.547**	.125	NA	.750**	.281	NA	.94	.555
	99WE816	99E816	.050-.140	.699 ••	.687	.165	NA	.947	.360	NA	1.19	.695
7/16-14	99WE7614	99E7614	.050-.140	.699 ••	.687	.165	NA	.947	.360	NA	1.19	.695

** Additional local distortion of .006 per side may be experienced.
 *** Square or Rectangular Emboss may be used.

❖ Consult manufacturer for installation recommendations that are in HSLA material or outside pierce metal range.
 † Edge burrs from cut off may exceed tolerances shown by .006.
 • = +.000 -.013
 •• = +.000 -.020