

CNC Punch Tooling Inventory



Rounds



DIAMETER	TOOL SIZE	ANGLE
.030	1/2"	0°
.045	1/2"	0°
.050	1/2"	0°
.061	1/2"	0°
.065	1/2"	0°
.073	1/2"	0°
.076	1/2"	0°
.078	1/2"	0°
.085	1/2"	0°
.089	1/2"	0°
.090	1/2"	0°
.093	1/2"	0°
.098	1/2"	0°
.101	1/2"	0°
.102	1/2"	0°
.109	1/2"	0°
.113	1/2"	0°
.116	1/2"	0°
.120	1/2"	0°
.124	1/2"	0°
.125	1/2"	0°
.128	1/2"	0°

Rounds



DIAMETER	TOOL SIZE	ANGLE
.132	1/2"	0°
.137	1/2"	0°
.140	1/2"	0°
.142	1/2"	0°
.145	1/2"	0°
.148	1/2"	0°
.150	1/2"	0°
.156	1/2"	0°
.160	1/2"	0°
.163	1/2"	0°
.166	1/2"	0°
.171	1/2"	0°
.172	1/2"	0°
.177	1/2"	0°
.178	1/2"	0°
.182	1/2"	0°
.187	1/2"	0°
.188	1/2"	0°
.190	1/2"	0°
.193	1/2"	0°
.197	1/2"	0°
.203	1/2"	0°
.209	1/2"	0°
.213	1/2"	0°
.218	1/2"	0°
.225	1/2"	0°
.230	1/2"	0°
.236	1/2"	0°
.242	1/2"	0°

Rounds



DIAMETER	TOOL SIZE	ANGLE
.250	1/2"	0°
.252	1/2"	0°
.257	1/2"	0°
.265	1/2"	0°
.272	1/2"	0°
.281	1/2"	0°
.283	1/2"	0°
.290	1/2"	0°
.297	1/2"	0°
.305	1/2"	0°
.312	1/2"	0°
.315	1/2"	0°
.328	1/2"	0°
.336	1/2"	0°
.344	1/2"	0°
.350	1/2"	0°
.360	1/2"	0°
.375	1/2"	0°
.394	1/2"	0°
.406	1/2"	0°
.413	1/2"	0°
.430	1/2"	0°
.440	1/2"	0°
.468	1/2"	0°
.475	1/2"	0°
.490	1/2"	0°
.500	1/2"	0°
.515	1 1/4"	0°
.532	1 1/4"	0°

Rounds

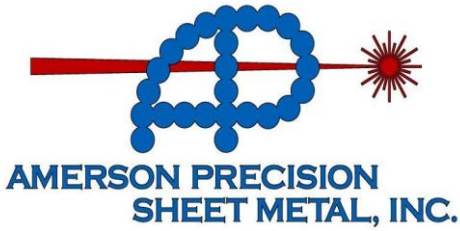


DIAMETER	TOOL SIZE	ANGLE
.550	1 1/4"	0°
.562	1 1/4"	0°
.573	1 1/4"	0°
.590	1 1/4"	0°
.625	1 1/4"	0°
.630	1 1/4"	0°
.656	1 1/4"	0°
.666	1 1/4"	0°
.667	1 1/4"	0°
.687	1 1/4"	0°
.720	1 1/4"	0°
.740	1 1/4"	0°
.750	1 1/4"	0°
.760	1 1/4"	0°
.770	1 1/4"	0°
.812	1 1/4"	0°
.880	1 1/4"	0°
.938	1 1/4"	0°
.948	1 1/4"	0°
.968	1 1/4"	0°
.978	1 1/4"	0°
1.000	1 1/4"	0°
1.004	1 1/4"	0°
1.060	1 1/4"	0°
1.109	1 1/4"	0°
1.125	1 1/4"	0°
1.200	1 1/4"	0°
1.250	1 1/4"	0°
1.312	2"	0°

Rounds



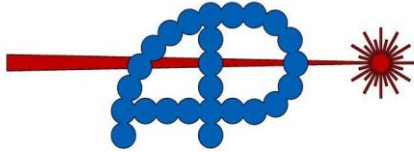
DIAMETER	TOOL SIZE	ANGLE
1.375	2"	0°
1.500	2"	0°
1.750	2"	0°
1.875	2"	0°
1.964	2"	0°
2.000	2"	0°
2.500	3½"	0°
2.750	3½"	0°
4.000	4"	0°



Squares



Size	Tool Size	Angle
.080	1/2"	0°
.100	1/2"	0°
.125	1/2"	0°, 45°
.156	1/2"	0°
.187	1/2"	0°, 45°
.250	1/2"	0°, 45°
.315	1/2"	0°
.343	1/2"	0°
.375	1 1/4"	0°, 45°
.385	1 1/4"	0°
.394	1 1/4"	0°
.450	1 1/4"	0°
.500	1 1/4"	0°, 45°
.510	1 1/4"	0°
.525	1 1/4"	0°
.630	1 1/4"	0°
.640	1 1/4"	0°
.650	1 1/4"	0°
.750	1 1/4"	0°, 45°
.875	1 1/4"	0°
1.000	2"	0°
1.400	2"	0°, 45°
2.000	3.5"	0°
2.300	3.5"	0°

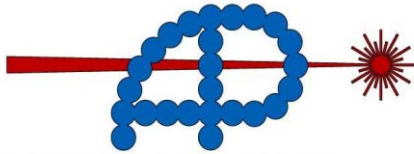


**AMERSON PRECISION
SHEET METAL, INC.**

Obrounds



Y Dimension	X Dimension	Tool Size	Angle
.040	.420	1/2"	0°, 90°
.062	.140	1/2"	0°, 90°
.062	.250	1/2"	0°, 90°
.062	.375	1/2"	0°, 90°
.062	.500	1/2"	0°, 90°
.062	.750	1 1/4"	0°, 90°
.062	1.000	1 1/4"	0°, 90°
.063	.500	1/2"	0°, 90°
.070	.777	1 1/4"	0°, 90°
.080	.196	1/2"	0°, 90°
.080	.812	1 1/4"	0°, 90°
.086	2.000	2"	0°, 90°
.088	2.350	3.5"	0°, 90°
.093	2.000	2"	0°, 90°
.094	.250	1/2"	0°, 90°
.094	.500	1/2"	0°, 90°
.094	1.250	1 1/4"	0°, 90°
.096	2.243	3.5"	0°, 90°
.100	1.100	1 1/4"	0°, 90°
.103	.204	1/2"	0°, 90°
.110	.150	1/2"	0°, 90°
.125	.150	1/2"	0°, 90°
.125	.185	1/2"	0°, 90°

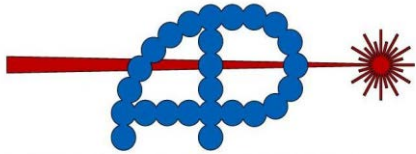


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Obrounds



Y Dimension	X Dimension	Tool Size	Angle
.125	.187	1/2"	0°, 90°
.125	.250	1/2"	0°, 90°
.125	.375	1/2"	0°, 90°
.125	.500	1/2"	0°, 90°
.125	.625	1 1/4"	0°, 90°
.125	.750	1 1/4"	0°, 90°
.125	1.000	1 1/4"	0°, 90°
.125	1.188	1 1/4"	0°, 90°
.125	1.375	2"	0°, 90°
.125	1.625	2"	0°, 90°
.150	.500	1/2"	0°, 90°
.150	1.650	2"	0°, 90°
.156	.187	1/2"	0°, 90°
.156	.250	1/2"	0°, 90°
.156	.312	1/2"	0°, 90°
.156	.375	1/2"	0°, 90°
.156	.475	1/2"	0°, 90°
.156	.625	1 1/4"	0°, 90°
.156	.750	1 1/4"	0°, 90°
.156	.780	1 1/4"	0°, 90°
.166	.322	1/2"	0°, 90°
.170	.312	1/2"	0°, 90°
.172	.312	1/2"	0°, 90°

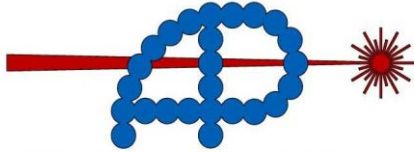


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Obrounds



Y Dimension	X Dimension	Tool Size	Angle
.182	.250	1¼"	0°, 90°
.188	.500	½"	0°, 90°
.188	1.000	1¼"	0°, 90°
.188	1.125	1¼"	0°, 90°
.190	.252	½"	0°, 90°
.200	.300	½"	0°, 90°
.203	1.570	2"	0°, 90°
.219	.312	½"	0°, 90°
.219	.500	½"	0°, 90°
.228	.478	½"	0°, 90°
.230	.440	½"	0°, 90°
.250	.325	½"	0°, 90°
.250	.375	½"	0°, 90°
.250	.440	½"	0°, 90°
.250	.500	½"	0°, 90°
.250	.625	1¼"	0°, 90°
.250	.750	1¼"	0°, 90°
.250	1.000	1¼"	0°, 90°
.250	1.500	2"	0°, 90°
.260	.375	½"	0°, 90°
.260	.440	½"	0°, 90°
.260	.550	1¼"	0°, 90°
.260	.750	1¼"	0°, 90°

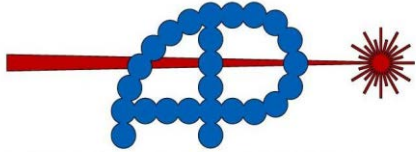


**AMERSON PRECISION
SHEET METAL, INC.**

Obrounds



Y Dimension	X Dimension	Tool Size	Angle
.266	.516	1¼"	0°, 90°
.268	1.518	2"	0°, 90°
.275	1.315	2"	0°, 90°
.281	.381	½"	0°, 90°
.281	.500	½"	0°, 90°
.281	.681	1¼"	0°, 90°
.281	1.000	1¼"	0°, 90°
.312	.500	½"	0°, 90°
.312	.812	1¼"	0°, 90°
.312	.875	1¼"	0°, 90°
.315	.565	1¼"	0°, 90°
.320	1.195	1¼"	0°, 90°
.320	2.000	2"	0°, 90°
.332	.532	1¼"	0°, 90°
.344	.904	1¼"	0°, 90°
.375	.500	½"	0°, 90°
.375	.750	1¼"	0°, 90°
.406	.625	1¼"	0°, 90°
.406	.750	1¼"	0°, 90°
.406	1.020	1¼"	0°, 90°
.406	1.250	1¼"	0°, 90°
.435	.700	1¼"	0°, 90°
.437	.780	1¼"	0°, 90°

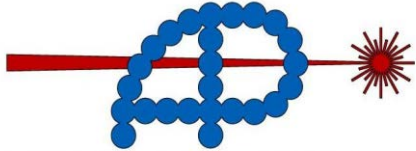


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Obrounds

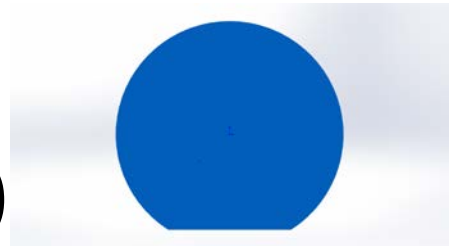


Y Dimension	X Dimension	Tool Size	Angle
.437	.812	1¼"	0°, 90°
.440	1.000	1¼"	0°, 90°
.531	1.000	1¼"	0°, 90°
.531	1.250	1¼"	0°, 90°
.625	1.000	1¼"	0°, 90°

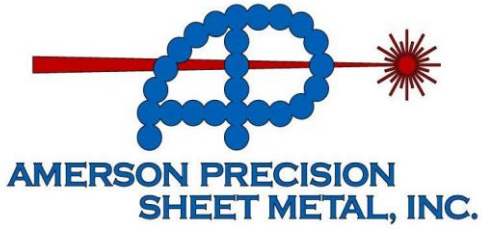


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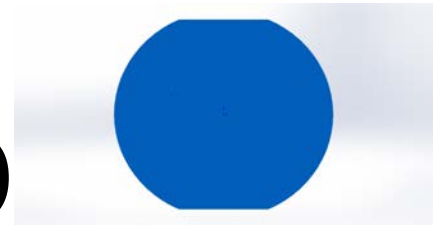
SingleD



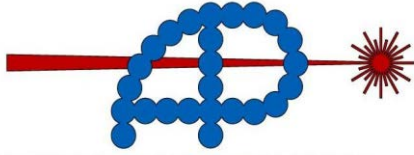
Y Dimension	X Dimension	Tool Size	Angle
.164	.205	½"	0°, 90°
.360	.390	½"	0°, 90°
.475	.500	½"	0°, 90°
.816	.886	1¼"	0°, 90°



DoubleD

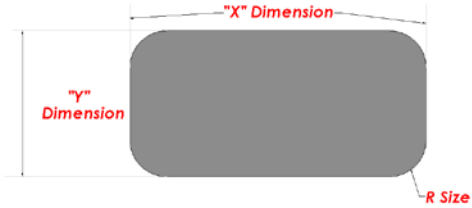


Y Dimension	X Dimension	Tool Size	Angle
.312	.375	1¼"	0°, 90°
.390	.438	½"	0°, 90°
.457	.507	1¼"	0°, 90°
.540	.625	1¼"	0°, 90°
.550	.600	1¼"	0°, 90°
.580	.635	1¼"	0°, 90°
.600	.770	1¼"	0°, 90°
.635	.760	1¼"	0°, 90°
.640	.755	1¼"	0°, 90°
.670	.810	1¼"	0°, 90°
.880	1.000	1¼"	0°, 90°
1.000	1.160	1¼"	0°, 90°
1.135	1.360	2"	0°, 90°

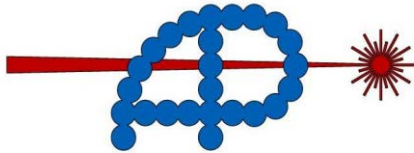


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RadiusRT

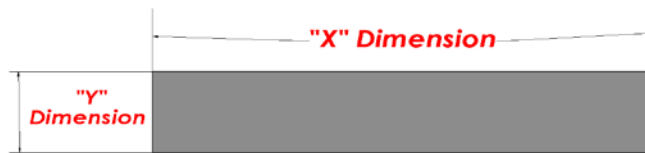


Y Dimension	X Dimension	Tool Size	R Size	Angle
.125	1.500	2"	.015	0°, 90°
.177	1.587	2"	.031	0°, 90°
.500	.770	1¼"	.093	0°, 90°
1.145	1.145	2"	.257	0°, 90°
1.850	2.625	3.5"	.500	0°, 90°

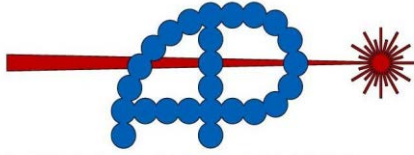


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Rectangles

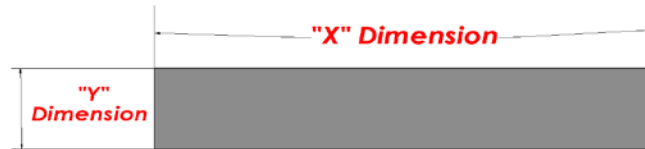


Y Dimension	X Dimension	Tool Size	Angle
.046	.270	½"	0°, 90°
.062	.375	½"	0°, 90°
.063	.510	1¼"	0°, 90°

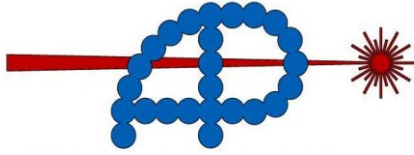


AMERSON PRECISION
SHEET METAL, INC.

Rectangles

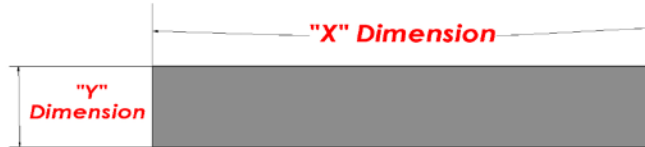


Y Dimension	X Dimension	Tool Size	Angle
.070	.187	1/2"	0°, 90°
.070	.410	1/2"	0°, 90°
.079	.250	1/2"	0°, 90°
.089	.260	1/2"	0°, 90°
.090	.187	1/2"	0°, 90°
.094	.490	1/2"	0°, 90°
.100	.200	1/2"	0°, 90°
.100	.570	1 1/4"	0°, 90°
.110	.560	1 1/4"	0°, 90°
.118	.236	1/2"	0°, 90°
.118	.843	1 1/4"	0°, 90°
.125	.310	1/2"	0°, 90°
.125	.390	1/2"	0°, 90°
.125	.500	1 1/4"	0°, 90°
.125	.630	1 1/4"	0°, 90°
.125	1.000	1 1/4"	0°, 90°
.125	1.900	2"	0°, 90°
.125	3.000	3.5"	0°, 90°
.127	.314	1/2"	0°, 90°
.135	1.000	1 1/4"	0°, 90°
.145	.165	1/2"	0°, 90°
.150	.340	1/2"	0°, 90°

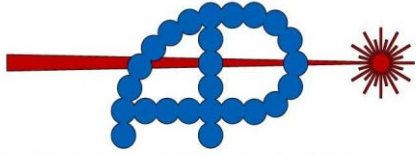


AMERSON PRECISION
SHEET METAL, INC.

Rectangles

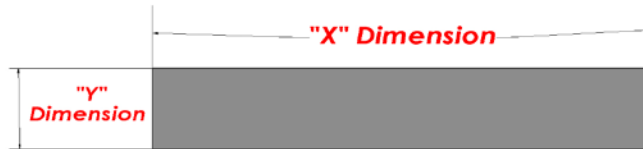


Y Dimension	X Dimension	Tool Size	Angle
.150	1.070	1¼"	0°, 90°
.156	.250	½"	0°, 90°
.160	.470	½"	0°, 90°
.160	.990	1¼"	0°, 90°
.170	.500	1¼"	0°, 90°
.188	.313	½"	0°, 90°
.188	.750	1¼"	0°, 90°
.188	1.200	1¼"	0°, 90°
.200	.300	½"	0°, 90°
.200	1.000	1¼"	0°, 90°
.210	.625	1¼"	0°, 90°
.225	.750	1¼"	0°, 90°
.250	.500	1¼"	0°, 90°
.250	.750	1¼"	0°, 90°
.250	1.000	1¼"	0°, 90°
.250	1.500	2"	0°, 90°
.250	1.750	2"	0°, 90°
.250	2.000	3.5"	0°, 90°
.250	3.000	3.5"	0°, 90°
.250	4.000	4.5"	0°, 90°
.270	1.000	1¼"	0°, 90°
.270	1.070	1¼"	0°, 90°

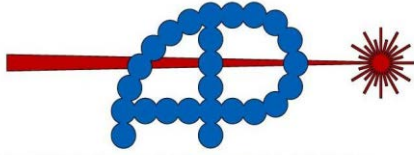


AMERSON PRECISION
SHEET METAL, INC.

Rectangles

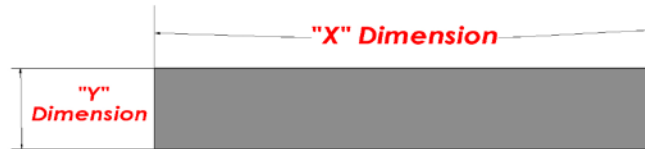


Y Dimension	X Dimension	Tool Size	Angle
.285	.860	1¼"	0°, 90°
.300	.500	1¼"	0°, 90°
.312	.910	1¼"	0°, 90°
.312	1.000	1¼"	0°, 90°
.320	1.000	1¼"	0°, 90°
.332	.532	1¼"	0°, 90°
.337	.778	1¼"	0°, 90°
.345	.780	1¼"	0°, 90°
.349	.508	1¼"	0°, 90°
.365	.880	1¼"	0°, 90°
.385	.460	1¼"	0°, 90°
.394	.525	1¼"	0°, 90°
.395	1.250	2"	0°, 90°
.405	1.006	1¼"	0°, 90°
.410	.910	1¼"	0°, 90°
.443	.472	1¼"	0°, 90°
.450	.900	1¼"	0°, 90°
.485	.690	1¼"	0°, 90°
.485	.810	1¼"	0°, 90°
.500	.625	1¼"	0°, 90°
.500	1.000	1¼"	0°, 90°
.525	.750	1¼"	0°, 90°

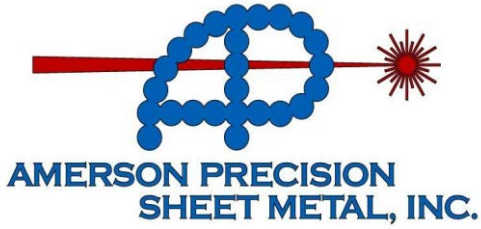


AMERSON PRECISION
SHEET METAL, INC.

Rectangles



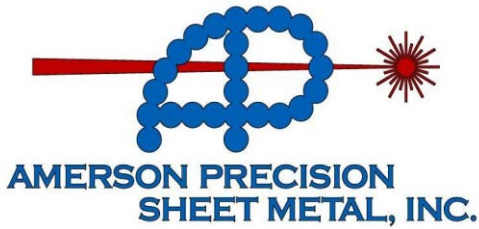
Y Dimension	X Dimension	Tool Size	Angle
.535	.750	1¼"	0°, 90°
.545	.622	1¼"	0°, 90°
.550	.625	1¼"	0°, 90°
.550	.750	1¼"	0°, 90°
.565	.691	1¼"	0°, 90°
.580	.760	1¼"	0°, 90°
.600	.900	1¼"	0°, 90°
.625	.750	1¼"	0°, 90°
.630	1.880	2"	0°, 90°
.640	.875	1¼"	0°, 90°
.650	1.800	2"	0°, 90°
.660	1.500	2"	0°, 90°
.680	.900	1¼"	0°, 90°
.700	.900	1¼"	0°, 90°
.700	1.390	2"	0°, 90°
.750	1.000	1¼"	0°, 90°
.750	1.850	2"	0°, 90°
.970	1.260	2"	0°, 90°
1.400	2.460	3.5"	0°, 90°



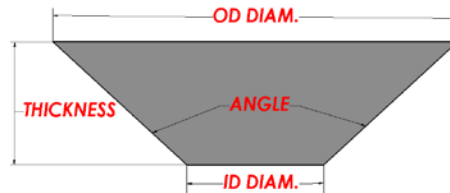
CornerRadius



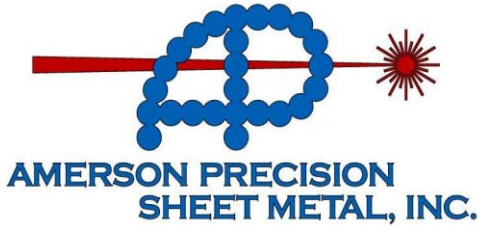
R Size	X Dimension	Y Dimension	Tool Size	Angle
.062	.500	.500	1¼"	0°
.079	.438	.438	½"	0°
.125	.625	.625	1¼"	0°
.188	.750	.750	1¼"	0°
.218	.686	.686	1¼"	0°
.250	1.000	1.000	1¼"	0°
.312	1.000	1.000	1¼"	0°
.500	1.375	1.375	2"	0°
.540	1.348	1.348	1¼"	0°
.750	2.250	2.250	3.5"	0°



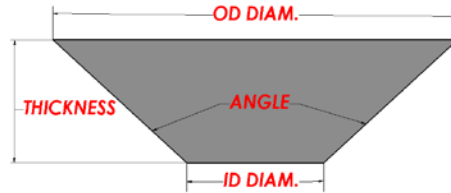
Countersinks



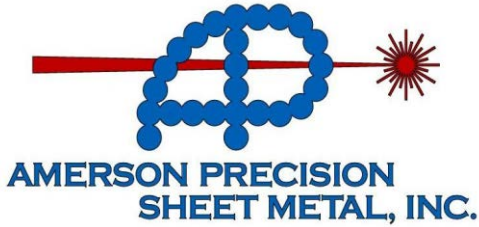
OD	ID	Angle	Thickness	Type	Tool Size
.150	.098	82°	.035	Form Down	1 1/4"
.200	.105	82°	.060	Form Down	1 1/4"
.200	.116	82°	.060	Form Down	1 1/4"
.225	.135	100°	.060	Form Down	1 1/4"
.225	.130	90°	.048	Form Down	1 1/4"
.225	.136	82°	.060	Form Up	1 1/4"
.226	.150	82°	.048	Form Down	1 1/4"
.230	.130	82°	.060	Form Down	1 1/4"
.230	.100	82°	.105	Form Down	1 1/4"
.230	.160	82°	.048	Form Up	1 1/4"
.230	.150	90°	.048	Form Down	1 1/4"
.235	.125	90°	.080	Form Down	1 1/4"
.240	.136	82°	.060	Form Up	1 1/4"
.240	.143	82°	.060	Form Down	1 1/4"
.245	.147	100°	.060	Form Down	1 1/4"
.250	.152	82°	.060	Form Down	1 1/4"



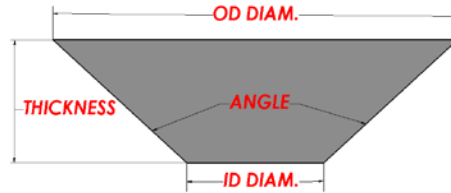
Countersinks



OD	ID	Angle	Thickness	Type	Tool Size
.255	.130	120°	.060	Form Up	1 1/4"
.256	.124	100°	.060	Form Down	1 1/4"
.260	.180	82°	.046	Form Down	1 1/4"
.265	.130	100°	.060	Form Down	1 1/4"
.270	.125	90°	.080	Form Down	1 1/4"
.270	.137	100°	.060	Form Up	1 1/4"
.275	.187	90°	.048	Form Down	1 1/4"
.275	.130	100°	.060	Form Down	1 1/4"
.281	.186	82°	.060	Form Up	1 1/4"
.281	.193	82°	.060	Form Down	1 1/4"
.290	.130	100°	.100	Form Down	1 1/4"
.290	.150	82°	.119	Form Down	1 1/4"
.290	.193	82°	.060	Form Down	1 1/4"
.290	.150	82°	.060	Form Up	1 1/4"
.290	.193	82°	.060	Form Up	1 1/4"
.291	.173	82°	.060	Form Down	1 1/4"

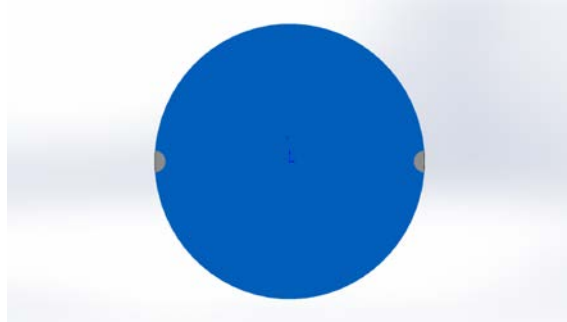
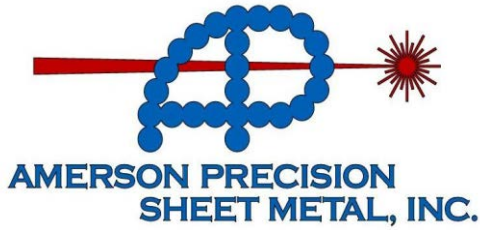


Countersinks



OD	ID	Angle	Thickness	Type	Tool Size
.300	N/A	90°	.135	Form Down	1 1/4"
.300	.150	120°	.060	Form Down	1 1/4"
.322	.156	82°	.104	Form Down	1 1/4"
.340	.206	100°	.060	Form Down	1 1/4"
.340	.250	82°	.119	Form Down	1 1/4"
.345	.200	82°	.119	Form Down	1 1/4"
.367	.177	82°	.119	Form Down	1 1/4"
.385	.185	82°	.119	Form Down	1 1/4"
.405	.265	82°	.119	Form Down	1 1/4"
.420	N/A	120°	.090	Form Up	1 1/4"
.420	N/A	120°	.090	Form Down	1 1/4"
.425	N/A	90°	.120	Form Down	1 1/4"
.486	.310	82°	.105	Form Down	1 1/4"
.515	.301	100°	.090	Form Up	1 1/4"
.520	N/A	100°	.105	Form Down	1 1/4"
.548	.480	60°	.090	Form Down	1 1/4"
.548	.480	60°	.090	Form Up	1 1/4"
.560	.359	100°	.090	Form Down	1 1/4"

Extruded Knockouts with tabs, .08-.125 thickness'.



Diameter	Type	Tool Size	Angle
.313	Form Up	1¼"	0°, 90°
.390	Form Up	1¼"	0°, 90°
.500	Form Down	1¼"	0°, 90°
.500	Form Up	1¼"	0°, 90°
.650	Form Up	1¼"	0°, 90°
.750	Form Up	1¼"	0°, 90°
.875	Form Up	1¼"	0°, 90°
1.000	Form Up	1¼"	0°, 90°
1.109	Form Up	1¼"	0°, 90°
1.250	Form Up	2"	0°, 90°
1.375	Form Up	2"	0°, 90°
1.500	Form Down	2"	0°, 90°
1.500	Form Up	3.5"	0°, 90°
1.875	Form Up	3.5"	0°, 90°
2.000	Form Up	3.5"	0°, 90°
2.375	Form Up	3.5"	0°, 90°
2.450	Form Up	3.5"	0°, 90°
2.500	Form Down	3.5"	0°, 90°
3.594	Form Up	4.5"	0°, 90°
4.125	Form Up	4.5"	0°, 90°

Tapping Head in punch press available for 2-56, 4-40, 6-32, 8-32, 10-32, 10-24, 12-24, M3.

Most other sizes available by request.

Special tooling available by request.