

**Diamond Metal Products, Inc.**  
**Round Punches**

0.030	0.152	0.252	0.475	0.968	2.031
0.040	0.154	0.255	0.484	0.975	2.062
0.047	0.156	0.257	0.500	1.000	2.125
0.052	0.159	0.261 PO	0.505	1.005	2.166
0.062	0.161	0.263	0.515	1.020	2.250
0.065	0.163	0.265	0.532	1.032	2.375
0.069	0.166	0.270	0.550	1.062	2.500
0.073	0.169	0.275	0.562	1.100	2.593
0.077	0.171	0.281	0.570	1.110	2.648
0.080	0.172 PO	0.286	0.593	1.170	3.000
0.089	0.173 PO	0.290	0.600	1.125	3.125
0.093	0.174	0.297	0.610	1.187	3.250
0.096	0.177	0.302	0.625	1.200	3.374
0.098	0.180	0.307	0.627	1.214	3.465
0.102 PO	0.184	0.312	0.630	1.250	3.500
0.104	0.187	0.318	0.640	1.265	
0.106	0.189	0.328	0.656	1.275	
0.109	0.191	0.332	0.687	1.290	
0.111	0.193	0.343	0.700	1.312	
0.113	0.197	0.346	0.718	1.332	
0.116	0.201	0.352	0.740	1.375	
0.120	0.203	0.360	0.750	1.438	
0.122	0.205 PO	0.368	0.753	1.500	
0.125	0.207	0.370	0.765	1.531	
0.128	0.210	0.375	0.781	1.562	
0.130	0.213	0.380	0.800	1.625	
0.132	0.216	0.386	0.812	1.646	
0.134	0.218	0.390	0.820	1.688	
0.136	0.221	0.406	0.830	1.700	
0.137	0.223	0.413	0.843	1.733	
0.138	0.228	0.421	0.860	1.750	
0.140	0.234	0.430	0.875	1.776	
0.143	0.238	0.437	0.890	1.813	
0.146	0.243	0.440	0.906	1.875	
0.149	0.248	0.450	0.937	1.936	
0.150	0.250	0.460	0.950	2.000	
		0.468	0.960		

**Diamond Metal Products, Inc.**  
**Obround Punches**

.030 X .500	.125 X .675	.171 X .375	.221 X .346	.316 X .500
.040 X .375	.125 X .750	.172 X .250	.221 X .380	.316 X .625
.050 X .150	.125 X 1.000	.172 X .312	.230 X .500	.320 X .632
.050 X .250	.125 X 1.126	.177 X .226	.234 X .264	.330 X .825
.050 X 1.000	.125 X 3.000	.178 X .255	.240 X .630	.343 X 1.000
.060 X .220	.130 X .180	.180 X .355	.250 X .312	.344 X .500
.060 X .250	.130 X .190	.180 X .375	.250 X .375	.344 X .630
.060 X .650	.130 X .223	.180 X .620	.250 X .430	.350 X .750
.062 X .500	.130 X .280	.183 X .250	.250 X .475	.350 X 1.250
.062 X 1.000	.130 X .375	.187 X .218	.250 X .500	.375 X .500
.062 X 3.400	.136 X .250	.187 X .250	.250 X .750	.375 X .625
.075 X 1.000	.136 X .312	.187 X .280	.250 X .940	.375 X .675
.080 X .160	.140 X .200	.187 X .312	.250 X 1.000	.375 X 1.000
.080 X 1.105	.140 X .250	.187 X .320	.250 X 1.250	.390 X .470
.085 X .250	.140 X .312	.187 X .375	.250 X 1.500	.390 X .500
.090 X .220	.140 X .380	.187 X .440	.250 X 2.000	.395 x .880
.093 X .140	.141 X .281	.187 X .500	.250 X 3.500	.406 X 1.000
.093 X .187	.150 X .200	.187 X .750	.252 X .415	.406 X 2.375
.093 X .500	.150 X .220	.187 X 1.000	.257 X .323	.433 X .630
.093 X 1.000	.150 X .338	.189 X .489	.265 X .375	.437 X 1.000
.093 X 1.250	.150 X 1.000	.190 X .884	.265 X .500	.438 X .656
.093 X 2.250	.156 X .187	.196 X .312	.265 X 1.250	.440 X .880
.094 X .180	.156 X .218	.196 X .380	.269 X .936	.464 X .875
.094 X .200	.156 X .250	.196 X .500	.270 X .300	.468 X 1.000
.094 X .250	.156 X .312	.200 X 1.000	.270 X .406	.469 X 2.492
.094 X .344	.156 X .320	.203 X .281	.276 X .788	.500 X .625
.100 X .200	.156 X .356	.203 X .312	.278 X .406	.500 X .750
.109 X .130	.156 X .380	.203 X .375	.281 X .375	.500 X 1.000
.109 X .190	.156 X .500	.208 X .407	.281 X .500	.525 X .562
.110 X .250	.156 X .625	.209 X .500	.281 X .531	.525 X 1.000
.120 X .500	.156 X 1.000	.218 X .250	.281 X .700	.562 X 1.000
.122 X .200	.156 X 1.156	.218 X .281	.281 X 1.000	
.125 X .156	.161 X .250	.218 X .312	.290 X .590	
.125 X .187	.161 X .346	.218 X .375	.295 X .437	
.125 X .218	.162 X .720	.218 X .437	.297 X .556	
.125 X .250	.166 X .280	.218 X .500	.312 X .375	
.125 X .280	.169 X .250	.218 X .563	.312 X .437	
.125 X .375	.169 X .420	.220 X .625	.312 X .562	
.125 X .387	.171 X .230	.220 X 1.120	.312 X .690	
.125 X .625	.171 X .340	.220 X 2.250	.312 X 1.000	

**Diamond Metal Products, Inc.**  
**Rectangle Punches**

.030 X .234	.120 X .500	.200 X 2.000	.390 X .470	.565 X 2.500
.040 X .100	.125 X .200	.200 X 3.000	.391 X .531	.567 X .660
.040 X .187	.125 X .250	.212 X .440	.396 X .472	.570 X .650
.040 X .300	.125 X .280	.218 X .375	.396 X 1.000	.570 X .692
.050 X .281	.125 X .312	.218 X .500	.398 X .540	.570 X 2.350
.056 X .278	.125 X .375	.230 X 1.180	.400 X .410	.575 X 1.000
.062 X .125	.125 X .500	.240 X .480	.400 X .500	.577 X .685
.062 X .187	.125 X .625	.245 X 1.820	.400 X .600	.585 X .665
.062 X .250	.125 X 1.000	.250 X .500	.400 X 2.000	.585 X .765
.062 X .375	.125 X 1.125	.250 X 1.000	.406 X 1.000	.591 X 1.000
.062 X .500	.125 X 3.000	.250 X 1.125	.407 X .844	.600 X .800
.064 X .500	.130 X .450	.250 X 2.312	.408 X .685	.608 X 1.000
.064 X .120	.130 X .760	.252 X 2.000	.411 X .848	.620 X 2.700
.069 X .750	.130 X 2.500	.255 X 1.100	.413 X .709	.625 X 1.000
.070 X .260	.134 X .150	.258 X .767	.420 X .680	.627 X .847
.070 X .312	.134 X .210	.270 X .340	.431 X .525	.637 X 1.000
.070 X .400	.137 X .175	.270 X .750	.434 X .631	.650 X 1.550
.070 X .765	DIE ONLY	.275 X .290	.437 X 1.000	.656 X .682
.080 X .250	.140 X .850	.280 X .330	.450 X 610	.660 X 2.000
.080 X .450	.146 X .250	.281 X .500	.450 X .815	.669 X .750
.080 X .600	.150 X .312	.290 X .350	.472 X .719	.686 X 1.000
.089 X 1.247	.150 X 1.000	.290 X .650	.472 X 1.580	.686 X 2.630
.090 X .250	.150 X 1.800	.295 X 2.140	DIE SIZE	DIE SIZE
.090 X .865	.151 X .591	.300 X .500	.475 X 3.000	.720 X 1.400
.093 X .160	DIE ONLY	.300 X .600	.480 X .640	.750 X .937
.093 X .450	.156 X .312	.307 X .375	.482 X 3.187	.760 X .805
.093 X 1.275	.156 X .437	.312 X .375	.483 X .650	.780 X 3.080
.093 X 1.000	.156 X .500	.312 X .500	.486 X 1.075	.840 X 1.125
.095 X .312	.171 X .625	.312 X .625	.492 X .630	.856 X 1.051
.100 X .150	.187 X .312	.312 X .750	.500 X 1.000	.872 X 1.071
.100 X .200	.187 X .375	.312 X 1.000	.508 X .756	.880 X 1.080
.100 X .212	.187 X .540	.320 X 2.940	.512 X .656	1.030 X 1.400
.100 X .280	.187 X .625	.350 X 1.010	.515 X .625	1.042 X 3.000
.100 X .300	.187 X .880	.350 X 1.100	.522 X .605	1.080 X 1.260
.100 X .345	.187 X 1.000	.354 X .512	.525 X .620	1.246 X 1.996
.100 X .500	.187 X 2.000	.360 X 1.000	.531 X .850	1.250 X 1.875
.103 X .690	.192 X .715	.360 X 2.000	.537 X 1.100	1.332 X 3.187
.106 X .625	.195 X .750	.370 X .445	.540 X .615	1.750 X 2.500
.111 X .130	.200 X .260	.370 X .475	.542 X .562	1.825 X 1.975
.114 X 1.000	.200 X .300	.370 X .875	.542 X .605	DIE SIZE
.118 X .157	.200 X .500	.375 X .750	.550 X .580	
.118 X .275	.200 X .734	.380 X .456	.550 X .630	
.120 X .190	.200 X 1.000	.380 X 1.250	.551 X .591	
.120 X .210	.200 X 1.200	.382 X 1.042	.555 X .665	

**Diamond Metal Products, Inc.**  
**Single "D" Punches**

.195 X .178	.470 X .449	.585 X .542	1.913 X 1.493
.250 X .234	.485 X .447	.627 X .505	3.000 X 2.875
.258 X .241	.500 X .380	.635 X .595	
.260 X .230	.500 X .470	.694 X .658	
.275 X .230	.505 X .480	.714 X .681	
.316 X .266	.506 X .476	.765 X .705	
.390 X .355	.520 X .490	.892 X .821	
.439 X .406	.540 X .512	.940 X .776	
.468 X .447	.560 X .477	1.000 X .900	

**Diamond Metal Products, Inc.**  
**Double "D" Punches**

.175 X .137	.437 X .390	.642 X .542	.880 X .770
.218 X .175	.480 X .420	.690 X .580	1.031 X .781
.234 X .130	.500 X .462	.680 X .520	1.093 X 1.000
.250 X .211	.511 X .460	.750 X .656	1.325 X 1.130
.312 X .250	.516 X .375	.762 X .642	
.328 X .250	.562 X .520	.775 X .645	
.375 X .312	.625 X .531	.787 X .650	
.375 X .343	.625 X .550	.815 X .720	
.400 X .320	.625 X .570	.875 X .840	

## Diamond Metal Products, Inc.

### Rectangle Punches with Radius Corners

WT224176	.224 X .176	.034 (4X)
WT313278	.313 X .278	.030 (4X)
WT331270	.331 X .270	.030 (4X)
WT375276	.375 X .276	.100 (4X)
WT400188	.400 X .188	.060 (4X)
WT500322	.500 X .322	.030 (4X)
WT610325	.610 X .325	.100 (4X)
WT620455	.620 X .455	.025 (4X)
WT620535	.620 X .535	.025 (4X)
WT645618	.645 X .618	.100 (4X)
WT770220	.770 X .220	.032 (4X)
WT850750	.850 X .750	.125 (4X)
WT100340	1.000 X .340	.030 (4X)
WT100500	1.000 X .500	.120 (4X)
WT100880	1.000 X .880 DIE SIZE	.060 (4X)
WT105800	1.052 X .800	.078 (4X)
WT112500	1.125 X .500	.060 (4X)
WT112530	1.125 X .530	.060 (4X)
WT118714	1.184 X .714	.027 (4X)
WT123928	1.230 X .928	.150 (4X)
WT126815	1.260 X .815	.187 (4X)
WT136136	1.356 X 1.356	.109 (4X)
WT138858	1.380 X .858	.050 (4X)
WT138968	1.380 X .968	.050 (4X)
WT138114	1.380 X 1.148	.050 (4X)
WT139920	1.390 X .920	.078 (4X)
WT150750	1.500 X .750	.250 (4X)
WT213106	2.130 X 1.060	.060 (4X)
WT240115	2.400 X 1.150	.060 (4X)
WT279120	2.798 X 1.200 DIE SIZE	.200 (4X)
WT290750	2.892 X .742	.026 (4X)
WT313575	3.135 X .575	.030 (4X)
WT320110	3.200 X 1.101	.173 (4X)

## Diamond Metal Products, Inc.

### Square Punches

0.110	0.265	0.406	0.686
0.125	0.275	0.437	0.710
0.172	0.281	0.484	0.750
0.187	0.312	0.500	0.776
0.200	0.325	0.531	0.812
0.220	0.344	0.562	0.875
0.230	0.350	0.625	1.000
0.240	0.375	0.628	2.000
0.250	0.385	0.669	

**Diamond Metal Products, Inc.**  
**4-Way Radius Tools**

<u>Tool Number</u>	<u>Tool Radius</u>	<u>Tool Web</u>
060RADTL	.060 R	0.200
062RADTL	.062 R	0.250
093RADTL	.093 R	0.200
100RADTL	.100 R	0.200
125RADTL	.125 R	0.125
156RADTL	.156 R	0.250
188RADTL	.188 R	0.250
250RADTL	.250 R	0.200
375RADTL	.375 R	0.200
500RADTL	.500 R	0.250
WT853906	.125 R	0.200
WT897276	.750 R	0.200
79689110	.062 R	0.062
80900270	.250 R	0.125

**Extrusions, Half-Shears, C'Pch., C'snk.**

<u>Tool Number</u>	<u>Description</u>
080EXTR	.080 Extrusion Tool
089EXTR	.089 Extrusion Tool - #4-40
106EXTR	.106 Extrusion Tool - #6-32
DIMP125	.125 Dia. Half-Shear Tool
DIMP400	.400 Dia. Half-Shear Tool
CP	Centerpunch Tool
CSNKTL	Countersink Tool
LOUVER	2.250 Lg. Louver Tool
LOUVER3	3.000 Lg. Louver Tool
DM040312	Emboss Mark Tool
625SQKO	.625 Sq. Knockout Tool
375RKO	.375 Dia. Knockout Tool
875RKO	.875 Dia. Knockout Tool
136HEX	.136 Hexagon Tool
.169HEX	.169 Hexagon Tool
250HEX	.250 Hexagon Tool
281HEX	.281 Hexagon Tool
500HEX	.500 Hexagon Tool
507HEX	.507 Hexagon Tool
1FTLCTR	1.000 Dia. Foot Locator Tool - Die Side
40FTLCTR	0.400 Dia. Foot Locator Tool - Punch Side
65FTLCTR	0.650 Dia. Foot Locator Tool - Punch Side
LABELMRK	"L"-Shaped Label Mark Locator - Punch Side

**Cluster Punch Tools**

<u>Tool Number</u>	<u>Description</u>
WT135801	.070 Dia. - 6 Hole Cluster Tool
WT208591	.070 Dia. - 6 Hole Cluster Tool
W2057839	.078 Dia. - 6 Hole Cluster Tool
WT923118	.078 Dia. - 9 Hole Cluster Tool
WT847638	.094 Dia. - 6 Hole Cluster Tool
WT838354	.187 Dia. - 6 Hole Cluster Tool
WT838355	.187 Dia. - 4 Hole Cluster Tool
WT923117	.187 Dia. - 6 Hole Cluster Tool
WT192120	.250 Dia. - 4 Hole Cluster Tool

**Diamond Metal Products, Inc.**  
**Trapezoidal D-Sub Punches**

<u>Tool Number</u>	<u>Tool Size</u>	<u>Corner Radius</u>
WT020518	.800 X .444	.132 Rad.
WT030231	.874 X .513	.083 Rad.
WT032213	1.674 X .449	.031 Rad.
WT033113	1.674 X .449	.132 Rad.
WT034820	1.626 X .426	.100 Rad.
WT063895	1.000 X .623	.083 Rad.
WT063896	.754 X .513	.083 Rad.
WT849814	2.218 X .555	.132 Rad.
WT866720	1.080 X .420	.083 Rad.
WT908269	2.150 X .500	.104 Rad.
W2037300	.718 X .396	.090 Rad.
W2146914	1.325 X .192	.031 Rad.

Diamond Metal Products, Inc.

Miscellaneous Tools

<u>Tool</u>	<u>Tool Number</u>	<u>Tool Description</u>	<u>Tool Size</u>
1	Telex 41	41 Deg. Trapezoid Tool	.890 X .800
2	W2005757	Wire Clip Holder	.769 X .651
3	W2006878	.468 Dia. Keyhole	.468 Dia.
4	WT016707	Blanking Tool - Misc.	.918 X .902
5	WT032149	Blanking Tool - Misc.	1.196 X .596
6	WT033411	Blanking Tool - Misc.	1.158 X .343
7	WT034819	Keyhole Notch	.650 X .270
8	WT035393	.881 Dia. Pedestal Tool	.881 Dia.
9	WT036563	Keyhole Notch	.409 X .094
10	WT072032	"T" Notch Blanking Tool	.641 X .571
11	WT808764	Blanking Tool - Spider	2.434 X 2.434
12	WT814405	Blanking Tool - Bell	2.313 X 2.000
13	WT836537	.125 Wide Bridge Lance	1.880 X .125
14	WT838643	.050 Radius Tool - "V"	.500 X .089
15	WT853907	5.375 Radius Tool	3.454 X .547
16	WT865569	Special Punch - Connector	1.674 X .449
17	WT865668	.062 Wide Bridge Lance	.600 X .062
18	WT866178	Ground Symbol	.650 X .440
19	WT869200	2.330 Radius Tool	2.269 X .740
20	WT878977	.100 Wide Bridge Lance	1.000 X .100
21	WT884744	3" Card Guide	3.000 x .164
22	WT888156	Triangle Tool - 45 Deg.	.303 X .172
23	WT891639	Pierce & Prog. Blank Tool	2.630 X .765
24	WT897277	.125 Rad. - 80 Deg. Tool	.463 X .401
25	WT897955	Rect. Rad. Tool	.470 X .300
26	WT906855	"T" Obround Tool	.840 X .317
27	WT908438	Blanking Tool	.970 X .757
28	WT912879	Rect. Notch Tool	2.420 X .560
29	WT923119	Rect. Notch Tool	.695 X .520
30	W2054421	Rect. Notch Tool	1.484 X .192
31	WT680852	.250 Dia. Keyhole	.250 Dia.
32	W2104302	.500 90 Deg. Radius Tool	.647 X .647
33	W2123630	.136 Dia. Obr. Radius Tool	.471 X .151
34	W2023066	Digi Brkt. Bottom Tool	.912 X .676
35	W2027272	Digi Brkt. Top Tool	1.124 X .437
36	W2053733	1.125 Dia. Double Knockout	1.125 X .875
37	W2109743	.100 Scratch Tool	.100 Dia.
38	W2092620	Tray Vane Tool	3.200 X .978
39	W2077391	Blanking Tool	2.809 X 2.496
40	42710810	Form Down Ground Symbol	.650 Dia.
41	WT453438	Form Down C'snk. Tool	.162 Dia. @ 82 Deg.



