

Tooling Inventory

<u>Shape</u>	<u>Tool #</u>	<u>Dimensions</u>	<u>Description</u>	<u>Station Size</u>	<u>Angles</u>	<u>Die Clearances</u>	<u>Location</u>
Round		0.047		.500		.008	Cabinet A, Drawer 1
Round		0.049	Air Blow	.500		.009	
Round		0.062	Air Blow & Standard	.500		.008, .009	
Round		0.070	Air Blow	.500		.008	
Round		0.071	Air Blow	.500		.006	
Round		0.078		.500		.009	
Round		0.081		.500		.009	
Round		0.086	Air Blow	.500		.009	
Round		0.089	Air Blow & Standard	.500		.009	
Round		0.093		.500		.008, .018	
Round		0.094		.500		.009	Standard Turret 357, 358
Round		0.098		.500		.009	Standard Turret 357
Round		0.101	Air Blow & Standard	.500		.009	
Round		0.103	Air Blow	.500		.009	
Round		0.106	Air Blow & Standard	.500		.008, .009	
Round		0.111	Air Blow	.500		.009	
Round		0.113	Air Blow & Standard	.500		.009	
Round		0.115		.500		.009	
Round		0.118		.500		.009	
Round		0.120		.500		.008, .009	
Round		0.122		.500		.009	
Round		0.125		.500		.008	
Round		0.126		.500		.009	Standard Turret 357, 358
Round		0.127		.500		.009	
Round		0.128		.500		.009	
Round		0.130		.500		.008	
Round		0.131		.500		.009	
Round		0.132	Air Blow & Standard	.500		.009	

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Round		0.134	Air Blow	.500		.009	
Round		0.136		.500		.008, .009	
Round		0.138	Air Blow	.500		.009	
Round		0.140		.500		.008, .009	Standard Turret 357, 358
Round		0.142		.500		.009	
Round		0.145	Air Blow & Standard	.500		.009	
Round		0.146		.500		.008	
Round		0.149		.500		.009	
Round		0.150		.500		.008	
Round		0.154		.500		.009	
Round		0.156		.500		.008, .009	Standard Turret 357, 358
Round		0.159	Air Blow	.500		.009	
Round		0.160	Air Blow	.500		.009	
Round		0.162	Air Blow & Standard	.500		.009	
Round		0.166		.500		.008	
Round		0.168		.500		.009	Standard Turret 357, 358
Round		0.171		.500		.009	
Round		0.172		.500		.008	
Round		0.173		.500		.009	Standard Turret 357, 358
Round		0.175		.500		.009	
Round		0.177		.500		.009	
Round		0.182		.500		.009	
Round		0.184		.500		.009	
Round		0.187		.500		.008	
Round		0.189		.500		.008	
Round		0.190		.500		.009	Standard Turret 357, 358
Round		0.193		.500		.009	
Round		0.195		.500		.009	

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Round		0.196		.500		.009	
Round		0.198	Air Blow & Standard	.500		.008, .009	
Round		0.203	Air Blow & Standard	.500		.008, .009	
Round		0.205		.500		.009	
Round		0.206		.500		.008	
Round		0.208		.500		.009	
Round		0.209		.500		.009	
Round		0.215		.500 & 1.250		.009	Standard Turret 357, 358
Round		0.218		.500		.008, .009	
Round		0.221		.500		.009	
Round		0.228		.500		.008, .009	
Round		0.234	Air Blow	.500		.009	
Round		0.237	Air Blow & Standard	.500		.009	
Round		0.238		.500		.009	
Round		0.242		.500		.009	
Round		0.245		.500		.009	
Round		0.250		.500		.009	
Round		0.252		.500		.009	Standard Turret 357, 358
Round		0.255		.500		.009	
Round		0.257		.500		.008, .009	
Round		0.260	Air Blow & Standard	.500		.009	
Round		0.265	Air Blow & Standard	.500		.008, .009	
Round		0.267		.500		.009	
Round		0.272		.500		.008	
Round		0.273		.500		.008, .009	
Round		0.281		.500		.008, .009	
Round		0.284		.500		.009	
Round		0.287		.500		.009	

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Round		0.290		.500		.008	
Round		0.293		.500		.009	
Round		0.296		.500		.008	
Round		0.297		.500		.009	
Round		0.302	Air Blow & Standard	.500		.009	
Round		0.312		.500		.008, .009	
Round		0.316		.500		.008, .018	
Round		0.320	Air Blow	.500		.009	
Round		0.325		.500		.009	
Round		0.328	Air Blow & Standard	.500		.009	
Round		0.334		.500		.009	
Round		0.346		.500		.009	
Round		0.350	Air Blow	.500		.009	
Round		0.360		.500		.009	
Round		0.368		.500		.009	
Round		0.375	Air Blow	.500		.009	Standard Turret 357, 358
Round		0.380		.500		.009	
Round		0.381		.500		.009	
Round		0.390		.500		.008, .009, .012	
Round		0.392		.500		.009	
Round		0.396		.500		.009	
Round		0.398		.500		.009	
Round		0.406		.500		.008, .009	
Round		0.413	Air Blow & Standard	.500		.009	
Round		0.421		.500		.009	
Round		0.430		.500		.009	
Round		0.437		.500		.008, .009	
Round		0.440		.500		.008, .009	

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Round		0.453		.500		.008, .009	
Round		0.462	Air Blow	.500		.009	
Round		0.468		.500		.008, .009	
Round		0.473		.500		.009	
Round		0.478		.500		.009	
Round		0.484		.500		.008	
Round		0.485		.500		.009	
Round		0.500		.500		.004, .008, .009, .018, .032	Standard Turret 357, 358
Round		0.502		1.250		.009	
Round		0.505		1.250		.009	
Round		0.506		1.250		.009	
Round		0.515		1.250		.009	
Round		0.520		1.250		.009	
Round		0.530	Air Blow	1.250		.009	
Round		0.551		1.250		.008	
Round		0.562		1.250		.008, .009, .018	
Round		0.567		1.250		.009	
Round		0.576		1.250		.009	
Round		0.579		1.250		.009	
Round		0.582		1.250		.009	
Round		0.594		1.250		.009	
Round		0.600	Air Blow & Standard	1.250		.009	
Round		0.615		1.250		.009	
Round		0.625		1.250		.008, .009, .018, .032	
Round		0.630	Air Blow	1.250		.009	
Round		0.634		1.250		.009	
Round		0.640		1.250		.009	
Round		0.656		1.250		.009	

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Round		0.671		1.250		.009	
Round		0.687		1.250		.008, .009, .018, .032	
Round		0.693	Air Blow	1.250		.009	
Round		0.700		1.250		.012	
Round		0.718	Air Blow	1.250		.009	
Round		0.727		1.250		.009	
Round		0.730		1.250		.008, .018	
Round		0.739		1.250		.009	
Round		0.747		1.250		.010	
Round		0.750	Air Blow & Standard	1.250		.008, .009, .018, .032	
Round		0.755	Air Blow	1.250		.009	
Round		0.763		1.250		.014	
Round		0.770		1.250		.009	
Round		0.781		1.250		.008, .018	
Round		0.787		1.250		.009	
Round		0.797		1.250		.009	
Round		0.805		1.250		.009	
Round		0.812		1.250		.008, .009, .018	
Round		0.820		1.250		.009	
Round		0.830		1.250		.009	
Round		0.843		1.250		.009	
Round		0.860		1.250		.009	
Round		0.866		1.250		.012	
Round		0.875		1.250		.008, .009, .018, .032	
Round		0.880		1.250		.009	
Round		0.886		1.250		.009	
Round		0.890		1.250		.009	
Round		0.900		1.250		.004	

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Round		0.906		1.250		.009	
Round		0.920		1.250		.009	
Round		0.937		1.250		.009	
Round		0.945		1.250		.009	
Round		0.950		1.250		.009	
Round		0.960		1.250		.009	
Round		0.985		1.250		.009	
Round		1.000	Air Blow & Standard	1.250		.008, .009, .018, .032	
Round		1.010		1.250		.009	
Round		1.016		1.250		.009	
Round		1.031		1.250		.009	
Round		1.046		1.250		.004, .009	
Round		1.062		1.250		.006, .008, .009, .018	
Round		1.078		1.250		.009	
Round		1.100		1.250		.009	
Round		1.115		1.250		.009	
Round		1.125		1.250		.006, .008, .009, .018	
Round		1.128		1.250		.009	
Round		1.156		1.250		.009	
Round		1.180		1.250		.009	
Round		1.196		1.250		.009	
Round		1.218		1.250		.008, .009, .018	
Round		1.230		1.250		.008	
Round		1.240		1.250		.009	
Round		1.250	Air Blow & Standard	1.250		.008, .009, .015, .018, .032	
Round		1.265		2.000		.009	
Round		1.285		2.000		.009	
Round		1.300		2.000		.006	

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Round		1.312		2.000		.009	
Round		1.330		2.000		.009	
Round		1.346		2.000		.004, .009	
Round		1.375		2.000		.008, .009, .018, .032	
Round		1.390		2.000		.009	
Round		1.406		2.000		.008, .018	
Round		1.437		2.000		.009	
Round		1.457		2.000		.012	
Round		1.500		2.000		.006, .008, .009	
Round		1.507		2.000		.009	
Round		1.510		2.000		.012	
Round		1.563		2.000		.008	
Round		1.564		2.000		.008, .016	
Round		1.594		2.000		.006	
Round		1.625		2.000		.008, .009, .018	
Round		1.630		2.000		.009	
Round		1.700		2.000		.009	
Round		1.738		2.000		.009	
Round		1.750		2.000		.008, .009, .018	
Round		1.772		2.000		.009	
Round		1.790		2.000		.009	
Round		1.810		2.000		.009	
Round	Relieved Stripper	1.860		2.000		.009	
Round		1.875		2.000		.006, .008, .009, .018	
Round		1.930		2.000		.009	
Round		2.000		2.000		.008, .015, .022	
Round		2.025		3.500		.012	
Round		2.093		3.500		.009	

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Round		2.109		3.500		.009	
Round	Impact	2.125		3.500		.008, .009	
Round	Impact	2.156		3.500		.009	
Round	Impact	2.165		3.500		.009	
Round		2.187		3.500		.009	
Round		2.205		3.500		.006	
Round	Impact	2.250		3.500		.009	
Round		2.285		3.500		.009	
Round		2.296		3.500		.009	
Round		2.345		4.500		.005	
Round		2.350		3.500		.009	
Round		2.375		3.500		.009	
Round		2.443		3.500		.009	
Round		2.500		3.500		.008, .009, .018	
Round		2.562		3.500		.009	
Round		2.625		3.500		.006	
Round		2.656		3.500		.009	
Round		2.687		3.500		.009	
Round		2.750		3.500		.009	
Round		2.835		3.500		.009	
Round		2.875		3.500		.009	
Round		2.920		3.500		.009	
Round		3.000		3.500		.009	
Round		3.015		3.500		.018	
Round		3.071		3.500		.009	
Round		3.250		3.500		.009	
Round		3.375		3.500		.005	
Round		3.500		3.500		.008, .009	

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Round		3.710		4.500		.009	
Round		3.750		4.500		.009	
Round		4.000		4.500		.009	
Round		4.020		4.500		.009	
Round		4.070		4.500		.015	
Round		4.080		4.500		.006	
Round		4.100		4.500		.010	
Round		4.375		4.500		.006	
Round		4.425		4.500		.015	
Round		4.500		4.500		.006	
Round		0.033	Die Only	.500		.009	
Round		0.039	Die Only	.500		.007, .008, .009	
Round		0.133	Die Only	.500		.009	
Round		0.151	Die Only	.500		.009	
Round		0.161	Die Only	.500		.006	
Round		0.182	Die Only	.500		.009	
Round		0.195	Die Only	.500		.009	
Round		0.321	Die Only	.500		.009	
Round		0.331	Die Only	.500		.009	
Round		0.343	Die Only	.500		.009	
Round		0.349	Die Only	.500		.009	
Round		0.441	Die Only	.500		.009	
Round		0.742	Die Only	1.250		.009	
Round		1.696	Die Only	2.000		Acutal Size	
Round		0.031	Punch Only (Air Blow)	.500			
Round		0.068	Punch Only (Air Blow)	.500			
Round		0.072	Punch Only (Air Blow)	.500			
Round		0.073	Punch Only (Air Blow)	.500			

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Round		0.075	Punch Only	.500			
Round		0.129	Punch Only	.500			
Round		0.167	Punch Only	.500			
Round		0.192	Punch Only	.500			
Round		0.546	Punch Only	1.250			
Round		0.753	Punch Only	1.250			
Rectangle		.040 x .090		.500	0,90,180,270	.009	
Rectangle		.040 x .250		.500	0,90,180,270	.009	
Rectangle		.050 x .240		.500	0,90,180,270	.009	
Rectangle		.050 x .750		1.250	0,90,180,270	.009	
Rectangle		.054 x .312	Air Blow & Standard	.500	0,90,180,270	.009	
Rectangle		.054 x .375	Air Blow & Standard	.500	0,90,180,270	.009	
Rectangle		.057 x 1.828		2.000	0,90,180,270	.009	
Rectangle		.060 x .255	Air Blow & Standard	.500	0,90,180,270	.009	
Rectangle		.060 x .410		.500	0,90,180,270	.009	
Rectangle		.060 x 1.000	Air Blow & Standard	1.250	0,90,180,270	.009	
Rectangle		.062 x .125	Air Blow	.500	0,90,180,270	.009	
Rectangle		.062 x .220	Air Blow	.500	0,90,180,270	.009	
Rectangle		.062 x .375	Air Blow	.500	0,90,180,270	.009	
Rectangle		.062 x .410		.500	0,90,180,270	.009	
Rectangle		.062 x .470		.500	0,90,180,270	.009	
Rectangle		.063 x .450	Air Blow & Standard	.500	0,90,180,270	.009	
Rectangle		.064 x .250	Air Blow & Standard	.500	0,90,180,270	.009	
Rectangle		.065 x .295	Air Blow	.500	0,90,180,270	.009	
Rectangle		.067 x .255		.500	0,90,180,270	.009	
Rectangle		.067 x .625	Air Blow	1.250	0,90,180,270	.009	
Rectangle		.070 x .192	Air Blow	.500	0,90,180,270	.009	
Rectangle		.070 x .775	Air Blow	1.250	0,90,180,270	.009	

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Rectangle		.075 x .150	Air Blow & Standard	.500	0,90,180,270	.009	
Rectangle		.078 x .187	Air Blow & Standard	.500	0,90,180,270	.009	
Rectangle		.078 x .250	Broken	.500	0,90,180,270	.009	
Rectangle		.080 x .375	Air Blow & Standard	.500	0,90,180,270	.009	
Rectangle		.080 x .394		.500	0,90,180,270	.009	
Rectangle		.080 x .500		1.250	0,90,180,270	.004, .009	
Rectangle		.080 x .685	Air Blow & Standard	1.250	0,90,180,270	.009	
Rectangle		.080 x 1.000	Air Blow & Standard	1.250	0,90,180,270	.009, .012	
Rectangle		.087 x .268	Air Blow	.500	0,90,180,270	.009	
Rectangle		.090 x .530		1.250	0,90,180,270	.009	
Rectangle		.090 x .560	Air Blow & Standard	1.250	0,90,180,270	.009	
Rectangle		.090 x 1.030	Air Blow	1.250	0,90,180,270	.009	
Rectangle		.093 x .250		.500	0,90,180,270	.009	
Rectangle		.093 x .310		.500	0,90,180,270	.009	
Rectangle		.093 x .500	Air Blow & Standard	1.250	0,90,180,270	.009	
Rectangle		.093 x .600	Air Blow	1.250	0,90,180,270	.009	
Rectangle		.093 x .750		1.250	0,90,180,270	.009	
Rectangle		.093 x 1.000	Air Blow & Standard	1.250	0,90,180,270	.009	
Rectangle		.094 x .310		1.250	0,90,180,270	.009	
Rectangle		.094 x .312	Air Blow	.500	0,90,180,270	.009	
Rectangle		.094 x .314		.500	0,90,180,270	.009	
Rectangle		.095 x .375	Air Blow	.500	0,90,180,270	.009	
Rectangle		.095 x 2.250		3.500	0,90,180,270	.009	
Rectangle		.098 x .584	Air Blow	1.250	0,90,180,270	.009	
Rectangle		.100 x .250	Air Blow	.500	0,90,180,270	.009	
Rectangle		.100 x .344		.500	0,90,180,270	.005	
Rectangle		.100 x .420	Air Blow & Standard	.500	0,90,180,270	.009	
Rectangle		.100 x .450	Air Blow	.500	0,90,180,270	.009	

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Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Rectangle		.100 x .490		1.250	0,90,180,270	.005	
Rectangle		.100 x .500	Air Blow	1.250	0,90,180,270	.009	
Rectangle		.100 x 1.200	Air Blow	1.250	0,90,180,270	.009	
Rectangle		.110 x .313	Air Blow	.500	0,90,180,270	.009	
Rectangle		.110 x .375	Air Blow & Standard	.500	0,90,180,270	.009	
Rectangle		.110 x .700		1.250	0,90,180,270	.009	
Rectangle		.110 x .800	Air Blow	1.250	0,90,180,270	.009	
Rectangle		.110 x .935	Air Blow	1.250	0,90,180,270	.009	
Rectangle		.110 x 1.000		1.250	0,90,180,270	.009	
Rectangle		.118 x 1.020	Air Blow	1.250	0,90,180,270	.009	
Rectangle		.120 x .375	Air Blow	.500	0,90,180,270	.009	
Rectangle		.122 x .236		.500	0,90,180,270	.009	
Rectangle		.125 x .265	Air Blow	.500	0,90,180,270	.009	
Rectangle		.125 x .281	Air Blow	.500	0,90,180,270	.009	
Rectangle		.125 x .400		.500	0,90,180,270	.009	
Rectangle		.125 x .500		1.250	0,90,180,270	.009	Standard Turret 357, 358
Rectangle		.125 x .750		1.250	0,90,180,270	.009	
Rectangle		.125 x 1.000	Air Blow & Standard	1.250	0,90,180,270	.008, .009, .018, .032	
Rectangle		.125 x 2.000		3.500	0,90,180,270	.009 & .012	
Rectangle		.131 x .221		1.250	0,90,180,270	.009	
Rectangle		.131 x .331	Air Blow	.500	0,90,180,270	.009	
Rectangle		.133 x .265		.500	0,90,180,270	.009, .015	
Rectangle		.135 x 1.000	Air Blow & Standard	1.250	0,90,180,270	.009	
Rectangle		.136 x 1.045		1.250	0,90,180,270	.012, .015	
Rectangle		.140 x .375		.500	0,90,180,270	.009	
Rectangle		.140 x .750		1.25	0,90,180,270	.009	
Rectangle		.144 x .780	Air Blow	1.250	0,90,180,270	.009	
Rectangle		.145 x .165		.500	0,90,180,270	.009	

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Rectangle		.156 x .375		.500	0,90,180,270	.009	
Rectangle		.156 x .812	Air Blow & Standard	1.250	0,90,180,270	.004, .009	
Rectangle		.160 x .190		.500	0,90,180,270	.006	
Rectangle		.160 x .480		1.250	0,90,180,270	.009	
Rectangle		.160 x 1.063	Air Blow & Standard	1.250	0,90,180,270	.009	
Rectangle		.165 x .265		.500	0,90,180,270	.009	
Rectangle		.166 x 3.345	Air Blow & Standard	3.5	0,90,180,270	.009	
Rectangle		.172 x .750		1.250	0,90,180,270	.009	
Rectangle		.172 x 1.750		2.000	0,90,180,270	.009	
Rectangle		.175 x 3.388		4.500	0,90,180,270	.009	
Rectangle		.180 x .280		.500	0,90,180,270	.009	
Rectangle		.187 x .375		.500	0,90,180,270	.009	
Rectangle		.187 x .750	Air Blow & Standard	1.250	0,90,180,270	.008, .009, .015, .018, .032	
Rectangle		.187 x .875	Air Blow	1.250	0,90,180,270	.009	
Rectangle		.187 x 1.000	Air Blow & Standard	1.250	0,90,180,270	.009	
Rectangle		.187 x 1.325		2.000	0,90,180,270	.009	
Rectangle		.187 x 1.500		2.000	0,90,180,270	.009	
Rectangle		.187 x 1.750		2.000	0,90,180,270	.009	Standard Turret 357, 358
Rectangle		.189 x .236		.500	0,90,180,270	.014	
Rectangle		.189 x .511		1.250	0,90,180,270	.009	
Rectangle		.200 x .300		.500	0,90,180,270	.009	
Rectangle		.200 x 1.000		1.250	0,90,180,270	.009	
Rectangle		.203 x .260		.500	175 & 355	.009	
Rectangle		.203 x .290		.500	175 & 355	.009	
Rectangle		.203 x 3.000		3.500	0,90,180,270	.009	
Rectangle		.218 x .590	Air Blow	1.250	0,90,180,270	.009	
Rectangle		.218 x .750		1.250	0,90,180,270	.009	
Rectangle		.218 x 1.500		2.000	0,90,180,270	.009	

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Rectangle		.220 x .310		.500	0,90,180,270	.009	
Rectangle		.225 x 1.150	Air Blow	1.250	0,90,180,270	.009	
Rectangle		.234 x .953		1.250	0,90,180,270	.009	
Rectangle		.236 x .294		.500	0,90,180,270	.009	
Rectangle		.236 x .500		1.250	0,90,180,270	.009	
Rectangle		.240 x .312		.500	0,90,180,270	.009	
Rectangle		.241 x .563	Air Blow	1.250	0,90,180,270	.009	
Rectangle		.242 x .680		1.250	0,90,180,270	.009	
Rectangle		.242 x .690	Air Blow & Standard	1.250	0,90,180,270	.009	
Rectangle		.250 x .312		.500	0,90,180,270	.009	
Rectangle		.250 x .375		.500	0,90,180,270	.009	
Rectangle		.250 x .500	Air Blow & Standard	1.250	0,90,180,270	.008, .009, .018, .032	
Rectangle		.250 x .750		1.250	0,90,180,270	.009	Standard Turret 357, 358
Rectangle		.250 x 1.000		1.250	0,90,180,270	.008, .009, .018, .032	Standard Turret 357, 358
Rectangle		.250 x 1.161	Air Blow & Standard	1.250	0,90,180,270	.009	
Rectangle		.250 x 3.000		3.500	0,90,180,270	.009	
Rectangle		.250 x 3.250		3.500	0,90,180,270	.009	
Rectangle		.250 x 4.000	Vertical	4.500	0,90,180,270	.009	Standard Turret 357, 358
Rectangle		.250 x 4.000	Horizontal	4.500	0,90,180,270	.009	Standard Turret 357, 358
Rectangle		.252 x 2.875		3.500	0,90,180,270	.009	
Rectangle		.267 x .640		1.250	0,90,180,270	.009	
Rectangle		.275 x .640		1.250	0,90,180,270	.009	
Rectangle		.275 x .850		1.250	0,90,180,270	.009	
Rectangle		.281 x .688		1.250	0,90,180,270	.009	
Rectangle		.281 x 1.000	Vertical	1.250	0,90,180,270	.009	Standard Turret 357, 358
Rectangle		.281 x 1.000	Horizontal	1.250	0,90,180,270	.009	Standard Turret 357, 358
Rectangle		.290 x .630		1.250	0,90,180,270	.009	
Rectangle		.300 x .346		.500	0,90,180,270	.009	

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Rectangle		.300 x 1.000	Air Blow & Standard	1.250	0,90,180,270	.009	
Rectangle		.312 x .625		1.250	0,90,180,270	.009	
Rectangle		.312 x 1.220		2.000	0,90,180,270	.009	
Rectangle		.312 x 2.135		3.500	0,90,180,270	.009	
Rectangle		.315 x .561	Air Blow	1.250	0,90,180,270	.009	
Rectangle		.315 x .567	Air Blow	1.250	0,90,180,270	.009	
Rectangle		.315 x 1.220		2.000	0,90,180,270	.009	
Rectangle		.320 x .750		1.250	0,90,180,270	.009	
Rectangle		.320 x .875		1.250	0,90,180,270	.009	
Rectangle		.320 x 1.969		2.000	0,90,180,270	.009	
Rectangle		.330 x 2.476		3.500	0,90,180,270	.009	
Rectangle		.335 x .635		1.250	0,90,180,270	.009	
Rectangle		.339 x .550		1.250	0,90,180,270	.009	
Rectangle		.340 x 1.500		2.000	0,90,180,270	.009	
Rectangle		.354 x .748		1.250	0,90,180,270	.009	
Rectangle		.354 x 1.024		1.250	0,90,180,270	.009	
Rectangle		.356 x 1.426		2.000	0,90,180,270	.010	
Rectangle		.375 x .620		1.250	0,90,180,270	.009	
Rectangle		.375 x .800		1.250	0,90,180,270	.009	
Rectangle		.375 x 1.000		1.250	0,90,180,270	.009	
Rectangle		.375 x 2.000		3.500	0,90,180,270	.009	
Rectangle		.375 x 4.250		4.500	0,90,180,270	.009	
Rectangle		.377 x .398		1.250	0,90,180,270	.009	
Rectangle		.381 x 1.426		2.000	0,90,180,270	.009	
Rectangle		.385 x .866		1.250	0,90,180,270	.009	
Rectangle		.390 x 1.330		2.000	0,90,180,270	.009	
Rectangle		.396 x .596	Air Blow	1.250	0,90,180,270	.009	
Rectangle		.400 x 1.500		2.000	0,90,180,270	.009	

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Rectangle		.400 x 1.600		2.000	0,90,180,270	.009	
Rectangle		.404 x .572		1.250	0,90,180,270	.009	
Rectangle		.406 x .812		1.250	0,90,180,270	.009	
Rectangle		.406 x 1.000		1.250	0,90,180,270	.009	
Rectangle		.437 x .460		1.250	0,90,180,270	.009	
Rectangle		.437 x 1.000		1.250	0,90,180,270	.009	
Rectangle		.440 x .625		1.250	0,90,180,270	.009	
Rectangle		.447 x 1.039		1.250	0,90,180,270	.009	
Rectangle		.450 x 1.125		1.250	0,90,180,270	.009	
Rectangle		.454 X .719	Air Blow	1.250	0,90,180,270	.009	
Rectangle		.458 x 2.435		3.500	0,90,180,270	.012	
Rectangle		.465 x 1.000		1.250	0,90,180,270	.009	
Rectangle		.472 x 1.732		2.000	0,90,180,270	.009	
Rectangle		.488 x 1.500		2.000	0,90,180,270	.009	
Rectangle		.490 x .520		1.250	0,90,180,270	.009	
Rectangle		.500 x .691	Air Blow	1.250	0,90,180,270	.005	
Rectangle		.500 x .930		1.250	0,90,180,270	.009	
Rectangle		.500 x 1.000		1.250	0,90,180,270	.008, .009, .018, .032	
Rectangle		.500 x 1.500		2.000	0,90,180,270	.009	
Rectangle		.500 x 1.690		2.000	0,90,180,270	.009	
Rectangle		.508 x .780	Air Blow	1.250	0,90,180,270	.005	
Rectangle		.512 x .762		1.250	0,90,180,270	.009	
Rectangle		.518 x .658		1.250	0,90,180,270	.009	
Rectangle		.530 x 1.065		1.250	0,90,180,270	.009	
Rectangle		.530 x 1.600		2.000	0,90,180,270	.009	
Rectangle		.535 x .550		1.250	0,90,180,270	.006	
Rectangle		.540 x .740		1.250	0,90,180,270	.009	
Rectangle		.545 x 2.300		3.500	0,90,180,270	.009	

Tooling Inventory

<u>Shape</u>	<u>Tool #</u>	<u>Dimensions</u>	<u>Description</u>	<u>Station Size</u>	<u>Angles</u>	<u>Die Clearances</u>	<u>Location</u>
Rectangle		.555 x .684	Air Blow	1.250	0,90,180,270	.015	
Rectangle		.562 x .750		1.250	0,90,180,270	.009	
Rectangle		.562 x 1.250		2.000	0,90,180,270	.009	
Rectangle		.562 x 2.870		3.500	0,90,180,270	.009	
Rectangle		.571 X .637	Air Blow	1.250	0,90,180,270	.009	
Rectangle		.580 x .748		1.250	0,90,180,270	.009	
Rectangle		.580 x 1.969		3.500	0,90,180,270	.009	
Rectangle		.591 x .669	Air Blow	1.250	0,90,180,270	.009	
Rectangle		.600 x .922		1.250	0,90,180,270	.009	
Rectangle		.600 x 2.080		3.500	0,90,180,270	.006, .009	
Rectangle		.625 x 1.000		1.250	0,90,180,270	.009	
Rectangle		.625 x 2.000		3.500	0,90,180,270	.009	
Rectangle		.626 x 2.746		3.500	0,90,180,270	.004	
Rectangle		.650 x 1.600		2.000	0,90,180,270	.009	
Rectangle		.655 x 1.250		2.000	0,90,180,270	.009	
Rectangle		.660 x .812		1.250	0,90,180,270	.009	
Rectangle		.686 x 1.590		2.000	0,90,180,270	.009	
Rectangle		.700 x 1.750		2.000	0,90,180,270	.009	
Rectangle		.720 x 3.250		3.500	0,90,180,270	.009	
Rectangle		.740 x 1.390		2.000	0,90,180,270	.010	
Rectangle		.750 x 2.870		3.500	0,90,180,270	.009	
Rectangle		.754 x .988	Air Blow	1.250	0,90,180,270	.009	
Rectangle		.758 x 3.377		3.500	0,90,180,270	.009	
Rectangle		.785 x 1.615		2.000	0,90,180,270	.009	
Rectangle		.790 x 1.085		2.000	0,90,180,270	.009	
Rectangle		.850 x 1.969		3.500	0,90,180,270	.009	
Rectangle		.871 x 1.204		2.000	0,90,180,270	.009	
Rectangle		.880 x 1.080		2.000	0,90,180,270	.008	

Tooling Inventory

<u>Shape</u>	<u>Tool #</u>	<u>Dimensions</u>	<u>Description</u>	<u>Station Size</u>	<u>Angles</u>	<u>Die Clearances</u>	<u>Location</u>
Rectangle		.937 x 1.000		2.000	0,90,180,270	.008	
Rectangle		.937 x 1.500		2.000	0,90,180,270	.009	
Rectangle		.992 x 1.574		2.000	0,90,180,270	.009	
Rectangle		1.000 x 1.375		2.000	0,90,180,270	.010	
Rectangle		1.063 x 2.610		3.500	0,90,180,270	.009	
Rectangle		1.110 x 1.300		2.000	0,90,180,270	.009	
Rectangle		1.142 x 1.592		2.000	0,90,180,270	.009	
Rectangle		1.184 x 2.441		3.500	0,90,180,270	.009	
Rectangle		1.240 x 1.600		3.500	0,90,180,270	.011	
Rectangle		1.250 x 2.120		3.500	0,90,180,270	.009	
Rectangle		1.625 x 2.115		3.500	0,90,180,270	.009	
Rectangle		.072 x .304	Die Only	.500	0,90,180,270	.009	
Rectangle		.095 x .500	Die Only	1.250	0,90,180,270	.009	
Rectangle		.160 x 1.067	Die Only	1.250	0,90,180,270	.009	
Rectangle		.166 x 3.345	Die Only	3.500	0,90,180,270	.009	
Rectangle		.196 x 1.334	Die Only	2.000	0,90,180,270	.009	
Rectangle		.709 X 1.759	Die Only	2.000	0,90,180,270	.009	
Rectangle		.100 x .312	Punch Only	.500	0,90,180,270		
Rectangle		.334 x 1.024	Punch Only (Air Blow)	1.250	0,90,180,270		
Rectangle		.380 x 1.250	Punch Only	2.000	0,90,180,270		
Rectangle		.428 x 1.303	Punch Only	2.000	0,90,180,270		
Rectangle		.706 x 2.875	Punch Only	3.500	0,90,180,270		
Radius Rectangle		.220 x .360 x .060		.500	0,90,180,270	.009	
Radius Rectangle		.312 x .500 x .068		1.250	0,90,180,270	.009	
Radius Rectangle		.354 x .394 x .060		1.250	0,90,180,270	.007	
Radius Rectangle		.354 x .394 x .060		1.250	0,90,180,270	.009	
Radius Rectangle		.354 x .512 x .060		1.250	0,90,180,270	.009	
Radius Rectangle		.354 x .669 x .060		1.250	0,90,180,270	.009	

Tooling Inventory

<u>Shape</u>	<u>Tool #</u>	<u>Dimensions</u>	<u>Description</u>	<u>Station Size</u>	<u>Angles</u>	<u>Die Clearances</u>	<u>Location</u>
Radius Rectangle		.360 x 1.150 x .060		1.250	0,90,180,270	.009	
Radius Rectangle		.365 x .515 x .020		1.250	0,90,180,270	.014	
Radius Rectangle		.373 x 1.000 x .125		1.250	0,90,180,270	.010	
Radius Rectangle		.375 x .500 x .060		1.250	0,90,180,270	.009	
Radius Rectangle		.398 x .398 x .095		1.250	0, 45, 90, 180, 270	.010	
Radius Rectangle		.398 x .596 x .095		1.250	0, 45, 90, 180, 270	.010	
Radius Rectangle		.433 x 2.402 x .039		3.500	0, 45, 90, 180, 270	.009	
Radius Rectangle		.437 x .637 x .093		1.250	0,90,180,270	.009	
Radius Rectangle		.449 x 2.326 x .132		3.500	0,90,180,270	.009	
Radius Rectangle		.457 x .500 x .063		1.250	0,90,180,270	.009	
Radius Rectangle		.460 x .565 x .200		1.250	0, 45, 90, 180, 270	.009	
Radius Rectangle		.460 x 1.115 x .200	Air Blow	1.250	0,90,180,270	.009	
Radius Rectangle		.465 x 1.488 x .125		2.000	0,90,180,270	.009	
Radius Rectangle		.475 x .575 x .200		1.250	0, 45, 90, 180, 270	.015	
Radius Rectangle		.475 x 1.125 x .200		1.250	0, 45, 90, 180, 270	.015	
Radius Rectangle		.500 x .600 x .200		1.250	0, 45, 90, 180, 270	.012	
Radius Rectangle		.500 x .691 x .005	Air Blow	1.250	0,90,180,270	.008	
Radius Rectangle		.500 x 1.150 x .200		1.250	0, 45, 90, 180, 270	.012	
Radius Rectangle		.508 x .780 x .005	Air Blow	1.250	0,90,180,270	.008	
Radius Rectangle		.512 x .512 x .059		1.250	0, 45, 90, 180, 270	.009	
Radius Rectangle		.535 x 2.402 x .039		3.500	0, 45, 90, 180, 270	.009	
Radius Rectangle		.540 x .540 x .030		1.250	0, 45, 90, 180, 270	.009	
Radius Rectangle		.543 x 2.943 x .057		3.500	0,90,180,270	.007	
Radius Rectangle		.555 x .684 x .015	Air Blow	1.250	0,90,180,270	.008	
Radius Rectangle		.590 x 1.090 x .060		1.250	0,90,180,270	.009	
Radius Rectangle		.595 x 2.795 x .100		3.500	0,90,180,270	.005	
Radius Rectangle		.620 x 1.250 x .125		2.000	0,90,180,270	.009	
Radius Rectangle		.621 x .781 x .133		1.250	0, 45, 90, 180, 270	.004	

Tooling Inventory

<u>Shape</u>	<u>Tool #</u>	<u>Dimensions</u>	<u>Description</u>	<u>Station Size</u>	<u>Angles</u>	<u>Die Clearances</u>	<u>Location</u>
Radius Rectangle		.625 x .625 x .125		1.250	0, 45, 90, 180, 270	.009	
Radius Rectangle		.628 x .871 x .133		1.250	0,90,180,270	.004	
Radius Rectangle		.635 x .635 x .060		1.250	0, 45, 90, 180, 270	.009	
Radius Rectangle		.710 x 1.250 x .125		2.000	0,90,180,270	.009	
Radius Rectangle		.745 x 2.140 x .032		3.500	0, 45, 90, 180, 270	.009	
Radius Rectangle		.748 x 2.284 x .020		3.500	0,90,180,270	.009	
Radius Rectangle		.750 x 1.375 x .250		2.000	0,90,180,270	.009	
Radius Rectangle		.750 x 2.500 x .188		3.500	0, 45, 90, 180, 270	.009	
Radius Rectangle		.824 x 1.204 x .062		2.000	0,90,180,270	.009	
Radius Rectangle		.830 x 1.450	Chamfer	2.000	0,90,180,270	.009	
Radius Rectangle		.847 x 1.122 x .118		2.000	0, 45, 90, 180, 270	.009	
Radius Rectangle		.855 x 1.171 x .196		2.000	0,90,180,270	.009	
Radius Rectangle		.874 x .874 x .032		1.250	0, 45, 90, 180, 270	.009	
Radius Rectangle		.900 x 1.200 x .239		2.000	0,90,180,270	.009	
Radius Rectangle		.956 x 2.060 x .060		3.500	0, 45, 90, 180, 270	.009	
Radius Rectangle		.970 x 3.210 x .156		3.500	0,90,180,270	.009	
Radius Rectangle		.975 x 1.270 x .166		2.000	0, 45, 90, 180, 270	.009	
Radius Rectangle		1.000 x 3.000 x .250		3.500	0,90,180,270	.009	
Radius Rectangle		1.000 x 3.500 x .250		4.500	0, 45, 90, 180, 270	.009	
Radius Rectangle		1.110 x 3.000 x .250		3.500	0,90,180,270	.009	
Radius Rectangle		1.185 x 1.445 x .065		2.000	0,90,180,270	.009	
Radius Rectangle		1.200 x 1.440 x .060		2.000	0,90,180,270	.009	
Radius Rectangle		1.260 x 1.315 x .102		2.000	0,90,180,270	.018	
Radius Rectangle		1.319 x 2.346 x .205		3.500	0, 45, 90, 180, 270	.006	
Radius Rectangle		1.450 x 2.000 x .250		4.500	0, 45, 90, 180, 270	.009	
Radius Rectangle		1.500 x 1.500 x .125		3.500	0, 45, 90, 180, 270	.009	
Radius Rectangle		1.625 x 2.500 x .100		3.500	0, 45, 90, 180, 270	.015	

Tooling Inventory

<u>Shape</u>	<u>Tool #</u>	<u>Dimensions</u>	<u>Description</u>	<u>Station Size</u>	<u>Angles</u>	<u>Die Clearances</u>	<u>Location</u>
Obround		.040 x .125		.500	0,90,180,270	.004, .009	
Obround		.062 x .125		.500	0,90,180,270	.009	
Obround		.062 x .160		.500	0,90,180,270	.009	
Obround		.062 x .200		.500	0, 45, 90, 180, 270	.005, .009	
Obround		.062 x .500	Air Blow & Standard	.500	0,90,180,270	.008, .009, .018	
Obround		.062 x .580		1.250	0,90,180,270	.009	
Obround		.062 x .750		1.250	0,90,180,270	.004, .009, .012	
Obround		.062 x .766		1.250	0,90,180,270	.003	
Obround		.062 x 1.000	Air Blow & Standard	1.250	0,90,180,270	.009	
Obround		.070 x .192		.500	0,90,180,270	.009	
Obround		.078 x .130		.500	0,90,180,270	.009	
Obround		.078 x .397		.500	0,90,180,270	.009	
Obround		.078 x 1.060	Air Blow & Standard	1.250	0,90,180,270	.009	
Obround		.079 x .937		1.250	0,90,180,270	.009	
Obround		.080 x .250	Air Blow & Standard	.500	0,90,180,270	.009	
Obround		.080 x 2.000	Die Only	2.000	0,90,180,270	.009	
Obround		.086 x .386		.500	0,90,180,270	.009	
Obround		.087 x .590		1.250	0,90,180,270	.009	
Obround		.093 x .160		.500	0,90,180,270	.006, .009	
Obround		.093 x .250		.500	0,90,180,270	.009	
Obround		.093 x .500		1.250	0,90,180,270	.009	
Obround		.093 x .500	Air Blow & Standard	.500	0,90,180,270	.009, .012	
Obround		.093 x .750		1.250	0,90,180,270	.005, .009	
Obround		.093 x 1.000	Air Blow & Standard	1.250	0,90,180,270	.009	
Obround		.098 x .197		.500	0,90,180,270	.004, .009	
Obround		.098 x .787	Air Blow	1.250	0,90,180,270	.009	
Obround		.099 x .150		.500	0,90,180,270	.009	
Obround		.100 x .206		.500	0,90,180,270	.009	

Tooling Inventory

<u>Shape</u>	<u>Tool #</u>	<u>Dimensions</u>	<u>Description</u>	<u>Station Size</u>	<u>Angles</u>	<u>Die Clearances</u>	<u>Location</u>
Obround		.100 x .406		.500	0,90,180,270	.009	
Obround		.100 x .750		1.250	0,90,180,270	.009	
Obround		.100 x 2.000		2.000	0,90,180,270	.009	
Obround		.102 x .240		.500	0,90,180,270	.009	
Obround		.106 x .220		.500	0,90,180,270	.005, .012	
Obround		.109 x .650		1.250	0,90,180,270	.009	
Obround		.110 x .298		.500	0,90,180,270	.009	
Obround		.113 x .500		.500	0,90,180,270	.009	
Obround		.114 x .126		.500	0,90,180,270	.009	
Obround		.118 x .187		.500	0,90,180,270	.009	
Obround		.118 x .500		.500	0,90,180,270	.009	
Obround		.120 x .218		.500	0,90,180,270	.009	
Obround		.122 x .187		.500	0,90,180,270	.009	
Obround		.122 x .197		.500	0,90,180,270	.009	
Obround		.122 x .500		.500	0,90,180,270	.009	
Obround		.125 x .156		.500	0,90,180,270	.009	
Obround		.125 x .187		.500	0,90,180,270	.009	
Obround		.125 x .250		.500	0,90,180,270	.008, .009	
Obround		.125 x .310		.500	0,90,180,270	.009	
Obround		.125 x .375		.500	0,90,180,270	.009	
Obround		.125 x .500	Air Blow & Standard	.500	0,90,180,270	.008, .009, .012, .018	
Obround		.125 x .750		1.250	0,90,180,270	.009 & .018	
Obround		.125 x 1.000	Air Blow & Standard	1.250	0,90,180,270	.009	
Obround		.125 x 1.125		.500	0,90,180,270	.004, .005, .009	
Obround		.125 x 1.500		2.000	0,90,180,270	.009, .012	
Obround		.125 x 1.900		2.000	0,90,180,270	.012	
Obround		.125 x 2.000	Air Blow & Standard	2.000	0,90,180,270	.009, .015	
Obround		.125 x 2.130		3.500	0,90,180,270	.018	

Tooling Inventory

<u>Shape</u>	<u>Tool #</u>	<u>Dimensions</u>	<u>Description</u>	<u>Station Size</u>	<u>Angles</u>	<u>Die Clearances</u>	<u>Location</u>
Obround		.125 x 2.500		3.500	0,90,180,270	.009	
Obround		.127 x .250		.500	0,90,180,270	.009	
Obround		.128 x .236		.500	0,90,180,270	.009	
Obround		.128 x .256		.500	0,90,180,270	.009	
Obround		.129 x .253		.500	0,90,180,270	.009	
Obround		.130 x .172		.500	0,90,180,270	.009	
Obround		.133 x .218		.500	0,90,180,270	.009	
Obround		.133 x .500		2.000	0,90,180,270	.009	
Obround		.135 x 1.510		2.000	0,90,180,270	.009	
Obround		.136 x .200		.500	0,90,180,270	.009	
Obround		.136 x .250		.500	0,90,180,270	.009	
Obround		.136 x .549		1.250	0,90,180,270	.009	
Obround		.140 x .197		.500	0,90,180,270	.009	
Obround		.140 x .250		.500	0,90,180,270	.009	
Obround		.140 x .254		.500	0,90,180,270	.009	
Obround		.140 x .280	Air Blow	.500	0,90,180,270	.009	
Obround		.140 x .500		.500	0,90,180,270	.009	
Obround		.140 x .750		1.250	0,90,180,270	.006	
Obround		.141 x .189		.500	0,90,180,270	.009	
Obround		.141 x .192		.500	0,90,180,270	.009	
Obround		.141 x .266		.500	0,90,180,270	.009	
Obround		.141 x .293		.500	0,90,180,270	.009	
Obround		.142 x .203		.500	0,90,180,270	.009	
Obround		.143 x .222		.500	0,90,180,270	.009	
Obround		.144 x .250		.500	0,90,180,270	.006	
Obround		.144 x .500		.500	0,90,180,270	.009	
Obround		.144 x .620		1.250	0,90,180,270	.009	
Obround		.148 x .181		.500	0,90,180,270	.004	

Tooling Inventory

<u>Shape</u>	<u>Tool #</u>	<u>Dimensions</u>	<u>Description</u>	<u>Station Size</u>	<u>Angles</u>	<u>Die Clearances</u>	<u>Location</u>
Obround		.149 x .437		.500	0,90,180,270	.009	
Obround		.150 x .200		.500	0,90,180,270	.009	
Obround		.150 x .232		.500	0,90,180,270	.009	
Obround		.150 x .240		.500	0,90,180,270	.006	
Obround		.152 x .231		.500	0,90,180,270	.009	
Obround		.156 x .187		.500	0,90,180,270	.009	
Obround		.156 x .203		.500	0,90,180,270	.009	
Obround		.156 x .250		.500	0,90,180,270	.009	
Obround		.156 x .312	Air Blow & Standard	.500	0,90,180,270	.009, .013	
Obround		.156 x .375	Air Blow & Standard	.500	0,90,180,270	.009	
Obround		.156 x .450		.500	0,90,54,144,234,324	.009	
Obround		.156 x .450		.500	0,90,126,216,306,396	.009	
Obround		.156 x .500		.500	0,90,180,270	.009	
Obround		.156 x .526		1.250	0,90,180,270	.005	
Obround		.156 x .550		.500	0,90,180,270		
Obround		.156 x .582	Air Blow & Standard	1.250	0,90,180,270	.005, .009, .012	
Obround		.156 x .625	Air Blow & Standard	1.250	0,90,180,270	.005, .009, .012	
Obround		.156 x .886		1.250	30, 45 ?	.009	
Obround		.156 x 1.000	Air Blow & Standard	1.250	0,90,180,270	.006, .009	
Obround		.156 x 2.000		2.000	0,90,180,270	.009, .015	
Obround		.156 x 2.700		3.500	0,90,180,270	.009	
Obround		.156 x 3.122		3.500	0,90,180,270	.009	
Obround		.158 x .238		.500	0,90,180,270	.009	
Obround		.158 x 1.158		1.250	0,90,180,270	.009	
Obround		.159 x .270		.500	0,90,180,270	.009	
Obround		.162 x .285		.500	0,90,180,270	.007	
Obround		.162 x .786		1.250	0,90,180,270	.008	
Obround		.166 x .228		.500	0,90,180,270	.009	

Tooling Inventory

<u>Shape</u>	<u>Tool #</u>	<u>Dimensions</u>	<u>Description</u>	<u>Station Size</u>	<u>Angles</u>	<u>Die Clearances</u>	<u>Location</u>
Obround		.168 x 1.000		1.250	0,90,180,270	.009	
Obround		.170 x .270		.500	0,90,180,270	.009	
Obround		.171 x .218		.500	0,90,180,270	.009	
Obround		.171 x .250		.500	0,90,180,270	.009	
Obround		.171 x .312		.500	0,90,180,270	.003, .009	
Obround		.171 x .327		.500	0,90,180,270	.009	
Obround		.172 x .292		.500	0,90,180,270	.012	
Obround		.172 x .362		.500	0,90,180,270	.009	
Obround		.172 x .625		1.250	0,90,180,270	.009	
Obround		.172 x .750		1.250	0,90,180,270	.009	
Obround		.173 x .250		.500	0,90,180,270	.009	
Obround		.174 x .281		.500	0,90,180,270	.009	
Obround		.174 x .312		.500	0,90,180,270	.009, .025	
Obround		.176 x .670		1.250	0,90,180,270	.012	
Obround		.177 x .236		.500	0,90,180,270	.006	
Obround		.177 x .394		.500	0,90,180,270	.009	
Obround		.177 x .550		1.250	0,90,180,270	.009	
Obround		.177 x .630		1.250	0,90,180,270	.009	
Obround		.178 x .383		.500	0,90,180,270	.009	
Obround		.180 x .209		.500	0,90,180,270	.012	
Obround		.180 x .258		.500	0,90,180,270	.009	
Obround		.182 x .250		.500	0,90,180,270	.004, .009	
Obround		.182 x .375		.500	0,90,180,270	.009	
Obround		.187 x .250		.500	0,90,180,270	.009	
Obround		.187 x .312		.500	0,90,180,270	.003, .009	
Obround		.187 x .354	Air Blow	.500	0,90,180,270	.006	
Obround		.187 x .375	Air Blow & Standard	.500	0,90,180,270	.005, .009, .012	
Obround		.187 x .500	Air Blow & Standard	.500	0,90,180,270	.008, .009, .018	

Tooling Inventory

<u>Shape</u>	<u>Tool #</u>	<u>Dimensions</u>	<u>Description</u>	<u>Station Size</u>	<u>Angles</u>	<u>Die Clearances</u>	<u>Location</u>
Obround		.187 x .625	Air Blow	1.250	0,90,180,270	.009	
Obround		.187 x .687		1.250	0,90,180,270	.009	
Obround		.187 x .750		1.250	0,90,180,270	.009	
Obround		.187 x .800	Air Blow & Standard	1.250	0,90,180,270	.006 & .009	
Obround		.187 x 1.000		1.250	0,90,180,270	.004, .008, .009, .018	
Obround		.187 x 1.150		1.250	0,90,180,270	.004, .013	
Obround		.187 x 1.660		2.000	0,90,180,270	.009	
Obround		.187 x 2.500		3.500	0,90,180,270	.009	
Obround		.190 x .325		.500	0,90,180,270	.009	
Obround		.192 x .250	Air Blow & Standard	.500	0,90,180,270	.009	
Obround		.192 x .296		.500	0,90,180,270	.009	
Obround		.192 x .404		.500	0,90,180,270	.009	
Obround		.193 x .381	Air Blow & Standard	.500	0,90,180,270	.009, .012	
Obround		.195 x .285		.500	0,90,180,270	.009	
Obround		.195 x .354		.500	0,90,180,270	.009	
Obround		.196 x .221		.500	0,90,180,270	.009	
Obround		.196 x .275		.500	0,90,180,270	.009	
Obround		.196 x .300		.500	0,90,180,270	.009	
Obround		.196 x 1.250		1.250	0,90,180,270	.009	
Obround		.197 x .460		.500	0,90,180,270	.009	
Obround		.197 x .728		1.250	0,90,180,270	.009	
Obround		.200 x .331		.500	0,90,180,270	.009	
Obround		.200 x .694		1.250	0,90,180,270	.009	
Obround		.202 x .264		.500	0,90,180,270	.012	
Obround		.203 x .250	Air Blow & Standard	.500	0,90,180,270	.009	
Obround		.203 x .320		.500	0,90,180,270	.009, .025	
Obround		.203 x .403		.500	0,90,180,270	.009	
Obround		.203 x .500		.500	0,90,180,270	.009, .015	

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Obround		.203 x .750		1.250	0,90,180,270	.009, .015	
Obround		.203 x 1.250		1.250	0,90,180,270	.009	
Obround		.203 x .375		.500	0,90,180,270	.008	
Obround		.209 x .375		.500	0,90,180,270	.009	
Obround		.210 x .460		.500	0,90,180,270	.009	
Obround		.212 x 2.165		3.500	0,90,180,270	.009	
Obround		.215 x .312	Air Blow & Standard	.500	0,90,180,270	.009	
Obround		.218 x .406		.500	0,90,180,270	.009	
Obround		.218 x .418		.500	0,90,180,270	.009	
Obround		.218 x 1.375		2.000	0,90,180,270	.009	
Obround		.219 x .500		.500	0,90,180,270	.009, .015	
Obround		.220 x .315	Air Blow & Standard	.500	0,90,180,270	.009	
Obround		.220 x .600		1.250	0,90,180,270	.009	
Obround		.221 x .375		.500	0,90,180,270	.006, .009	
Obround		.225 x .355		.500	0,90,180,270	.009	
Obround		.225 x .750		1.250	0,90,180,270	.009	
Obround		.231 x .530	Air Blow	1.250	0,90,180,270	.010	
Obround		.236 x .394	Air Blow & Standard	.500	0,90,180,270	.009	
Obround		.236 x .472		.500	0,90,180,270	.009	
Obround		.240 x .315		.500	0,90,180,270	.009	
Obround		.241 x .286		.500	0,90,180,270	.009	
Obround		.250 x .312	Air Blow & Standard	.500	0,90,180,270	.009, .012	
Obround		.250 x .350		.500	0,90,180,270	.009	
Obround		.250 x .375		.500	0,90,180,270	.003, .008, .009, .018	
Obround		.250 x .406		.500	0,90,180,270	.009	
Obround		.250 x .430		.500	0,90,180,270	.009	
Obround		.250 x .500	Air Blow & Standard	.500	0,90,180,270	.004, .008, .009, .018	
Obround		.250 x .640	Air Blow & Standard	1.250	0,90,180,270	.009, .015	

Tooling Inventory

<u>Shape</u>	<u>Tool #</u>	<u>Dimensions</u>	<u>Description</u>	<u>Station Size</u>	<u>Angles</u>	<u>Die Clearances</u>	<u>Location</u>
Obround		.250 x .750	Air Blow & Standard	1.250	0,90,180,270	.009	
Obround		.250 x .875		1.250	0,90,180,270	.009	
Obround		.250 x 1.000	Air Blow	1.250	0,90,180,270	.009	
Obround		.250 x 1.085		1.250	0,90,180,270	.009	
Obround		.250 x 1.250	Air Blow & Standard	1.250	0,90,180,270	.009	
Obround		.250 x 1.500	Air Blow	2.000	0,90,180,270	.009	
Obround		.250 x 2.880		3.500	0,90,180,270	.009	
Obround		.250 x 4.410		4.500	0,90,180,270	.009	
Obround		.255 x 1.632		2.000	0,90,180,270	.009	
Obround		.260 x .300		.500	0,90,180,270	.009	
Obround		.260 x .320		.500	0,90,180,270	.009	
Obround		.260 x .500	Air Blow & Standard	.500	0,90,180,270	.009	
Obround		.260 x 1.000		1.250	0,90,180,270	.009, .012	
Obround		.265 x .343		.500	0,90,180,270	.012, .016	
Obround		.278 x .406	Air Blow & Standard	.500	0,90,180,270	.009	
Obround		.280 x .406		.500	0,90,180,270	.009	
Obround		.280 x .439		.500	0,90,180,270	.009	
Obround		.280 x .468		.500	0,90,180,270	.009	
Obround		.281 x .350		.500	0,90,180,270	.009	
Obround		.281 x .375		.500	0,90,180,270	.009	
Obround		.281 x .469		.500	0,90,180,270	.012	
Obround		.281 x .500		.500	0,90,180,270	.009, .012	
Obround		.281 x 1.000	Air Blow & Standard	1.250	0,90,180,270	.008, .009, .012, .018	
Obround		.291 x 1.281		2.000	0,90,180,270	.009	
Obround		.296 x .437		.500	0,90,180,270	.009	
Obround		.300 x .591		1.250	0,90,180,270	.009	
Obround		.312 x .380		.500	0,90,180,270	.009	
Obround		.312 x .500		.500	0,90,180,270	.009, .018	

Tooling Inventory

<u>Shape</u>	<u>Tool #</u>	<u>Dimensions</u>	<u>Description</u>	<u>Station Size</u>	<u>Angles</u>	<u>Die Clearances</u>	<u>Location</u>
Obround		.312 x .750		1.250	0,90,180,270	.008, .018	
Obround		.312 x 1.000		1.250	0,90,180,270	.008, .009, .018, .032	
Obround		.312 x 1.250		1.250	0,90,180,270	.009	
Obround		.312 x 3.500		3.500	0,90,180,270	.009	
Obround		.320 x .750		1.250	0,90,180,270	.009, .015	
Obround		.330 x .500		.500	0,90,180,270	.009	
Obround		.330 x 1.000		1.250	0,90,180,270	.009	
Obround		.344 x .750		1.250	0,90,180,270	.009, .015	
Obround		.344 x 2.044		3.500	0,90,180,270	.009	
Obround		.360 x .834		1.250	0,45,90,180,270	.009	
Obround		.365 x .571		1.250	0,90,180,270	.004, .009	
Obround		.375 x .406		.500	0,90,180,270	.009, .015	
Obround		.375 x .500		.500	0,90,180,270	.009	
Obround		.375 x .625		1.250	0,90,180,270	.009	
Obround		.375 x .735		1.250	0,90,180,270	.037	
Obround		.375 x 1.000		1.250	0,90,180,270	.009	
Obround		.375 x 1.500		2.000	0,90,180,270	.012	
Obround		.375 x 1.920		2.000	0,90,180,270	.009	
Obround		.394 x .787		1.250	0,90,180,270	.009	
Obround		.406 x 1.000		1.250	0,90,180,270	.009	
Obround		.437 x .750		1.250	0,90,180,270	.009	
Obround		.440 x .875		1.250	0,90,180,270	.009	
Obround		.450 x 1.000		1.250	0,90,180,270	.004, .009	
Obround		.468 x .906		1.250	0,90,180,270	.009	
Obround		.484 x .984		1.250	0,90,180,270	.009	
Obround		.490 x .960		1.250	0,90,180,270	.009	
Obround		.490 x 3.590		4.500	0,90,180,270	.009	
Obround		.500 x .750		1.250	0,90,180,270	.009	

Tooling Inventory

<u>Shape</u>	<u>Tool #</u>	<u>Dimensions</u>	<u>Description</u>	<u>Station Size</u>	<u>Angles</u>	<u>Die Clearances</u>	<u>Location</u>
Obround		.500 x 1.000		1.250	0,90,180,270	.008, .010, .018, .032	
Obround		.500 x 1.125		1.250	0,90,180,270	.009	
Obround		.500 x 1.250		1.250	0,90,180,270	.009	
Obround		.500 x 1.500		2.000	0,90,180,270	.009, .025	
Obround		.500 x 2.000		2.000	0,90,180,270	.018	
Obround		.504 x .534		1.250	0,90,180,270	.009	
Obround		.520 x 1.170		1.250	0,90,180,270	.009	
Obround		.530 x 1.000		1.250	0,90,180,270	.009	
Obround		.560 x .730		1.250	0,90,180,270	.009	
Obround		.560 x 1.120		1.250	0,90,180,270	.009	
Obround		.560 x 1.500		2.000	0,90,180,270	.009, .025	
Obround		.562 x 1.000		1.250	0,90,180,270		
Obround		.562 x 1.250		1.250	0,90,180,270	.018	
Obround		.565 x 1.840		2.000	0,90,180,270	.009	
Obround		.610 x 2.411		3.500	0,90,180,270	.008	
Obround		.625 x 1.125		1.250	0,90,180,270	.009	
Obround		.625 x 1.620		2.000	0,90,180,270	.009	
Obround		.625 x 1.840		2.000	0,90,180,270	.009	
Obround		.657 x 1.406		2.000	0,90,180,270	.009	
Obround		.670 x 1.952		2.000	0,90,180,270	.006	
Obround		.750 x 1.250		1.250	0,90,180,270	.009	
Obround		.750 x 2.190		3.500	0,90,180,270	.009	
Obround		.812 x 1.562		2.000	0,90,180,270	.009	
Obround		.875 x .930		1.250	0,90,180,270	.009	
Obround		.875 x 1.500		2.000	0,90,180,270	.009	
Obround		.875 x 2.000		2.000	0,90,180,270	.009	
Obround		.879 x 1.000		1.250	0,90,180,270	.009	
Obround		.885 x 1.384		2.000	0,90,180,270	.009	

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Obround	A553611-0846	.940 x 1.640		2.000	0,90,180,270	.009	
Obround		1.000 x 1.900		2.000	0,90,180,270	.006, .012	
Obround		1.000 x 2.000		3.500	0,90,180,270	.018	
Obround		.082 x .134	Die Only (Die Size)	.500	0,90,180,270		
Obround		.137 x .512	Die Only (Die Size)	.500	0,90,180,270		
Obround		.142 x 1.015	Die Only (Die Size)	1.250	0,90,180,270		
Obround		.265 x .390	Die Only (Die Size)	.500	0,90,180,270		
Obround		.156 x .450	Die Only (Die Size)	.500	54,144,234,324	.009	
Obround		.156 x .450	Die Only (Die Size)	.500	126,216,306,396	.009	
Obround		.120 x .500	Punch Only	.500	0,90,180,270		
Square		0.080		.500	0,45,90,180,270	.009	
Square		0.100		.500	0,45,90,180,270	.009	
Square		0.125		.500	0,45,90,180,270	.006, .009, .012	
Square		0.133		.500	0,45,90,180,270	.009	
Square		0.138		.500	0,45,90,180,270	.009	
Square		0.140		.500	0,45,90,180,270	.009	
Square		0.156		.500	0,45,90,180,270	.004, .009	
Square		0.160		.500	0,45,90,180,270	.009	
Square		0.188		.500	0,45,90,180,270	.009 & .012	
Square		0.203		.500	0,45,90,180,270	.003, .004, .009	
Square		0.218		.500	0,45,90,180,270	.009	
Square		0.250		.500	0,45,90,180,270	.009	Standard Turret 357, 358
Square		0.278		.500	0,45,90,180,270	.009	
Square		0.281		.500	0,45,90,180,270	.009	
Square		0.290		.500	0,45,90,180,270	.009	
Square		0.312		.500	0,45,90,180,270	.009	
Square		0.320		.500	0,45,90,180,270	.009	
Square		0.340		.500	0,45,90,180,270	.009, .012	

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Square		0.350		.500	0,45,90,180,270	.009	
Square		0.358	Punch-1.250 Die-.500	1.250	0,45,90,180,270	.009	
Square		0.375		1.250	0,45,90,180,270	.009, .018, .032	Standard Turret 357, 358
Square		0.410		1.250	0,45,90,180,270	.009	
Square		0.437		1.250	0,45,90,180,270	.009	
Square		0.450		1.250	0,45,90,180,270	.009	
Square		0.469		1.250	0,45,90,180,270	.009	
Square		0.500		1.250	0,45,90,180,270	.004, .005, .009	Standard Turret 357, 358
Square		0.515		1.250	0,45,90,180,270	.009	
Square		0.540		1.250	0,45,90,180,270	.009	
Square		0.550		1.250	0,45,90,180,270	.003 & .009	
Square		0.625		1.250	0,45,90,180,270	.009	
Square		0.655		1.250	0,45,90,180,270	.009	
Square		0.680		1.250	0,45,90,180,270	.009	
Square		0.750		1.250	0,45,90,180,270	.008, .009, .018, .032	
Square		0.758		1.250	0,45,90,180,270	.009	
Square		0.812		1.250	0,45,90,180,270	.009	
Square		0.874		1.250	0,45,90,180,270	.009	
Square		0.875		1.250	0,45,90,180,270	.009, .015	
Square		1.000		2.000	0,45,90,180,270	.009, .024	Standard Turret 357, 358
Square		1.500		3.500	0,45,90,180,270	.009	
Square		2.000		3.500	0,45,90,180,270	.009	Standard Turret 357, 358
Square		2.500		4.500	0,45,90,180,270	.009	
Square		3.000		4.500	0,45,90,180,270	.009	
Square		0.108	Die Only	.500	0,45,90,180,270	.009	
Square		0.187	Die Only	.500	0,45,90,180,270	.009	
Square		0.265	Die Only	.500	0,45,90,180,270	.009	
Single D		.180 x .197		.500	0,90,180,270	.009	

Tooling Inventory

<u>Shape</u>	<u>Tool #</u>	<u>Dimensions</u>	<u>Description</u>	<u>Station Size</u>	<u>Angles</u>	<u>Die Clearances</u>	<u>Location</u>
Single D		.234 x .250		.500	0,90,180,270	.009	
Single D		.241 x .258		.500	0,90,180,270	.009	
Single D		.277 x .292		.500	0,90,180,270	.007	
Single D		.295 x .316		.500	0,90,180,270	.009	
Single D		.297 x .330		.500	0,90,180,270	.009	
Single D		.323 x .362		.500	0,90,180,270	.009	
Single D		.340 x .375		1.250	0,90,180,270	.009	
Single D		.348 x .377		.500	0,90,180,270	.009	
Single D		.348 x .384		.500	0,90,180,270	.009	
Single D		.352 x .380		.500	0,90,180,270	.009	
Single D		.355 x .390		.500	0,90,180,270	.009	
Single D		.361 x .389		.500	0,90,180,270	.009	
Single D		.377 x .378		.500	0,90,180,270	.009	
Single D		.415 x .438		.500	0,90,180,270	.009	
Single D		.418 x .442		.500	0,90,180,270	.008	
Single D		.450 x .475		.500	0,90,180,270	.009	
Single D		.458 x .468		.500	0,90,180,270	.009	
Single D		.470 x .512		1.250	0,90,180,270	.009	
Single D		.471 x .505		1.250	0,90,180,270	.009	
Single D		.475 x .520		1.250	0,90,180,270	.009	
Single D		.475 x .630		1.250	0,90,180,270	.009	
Single D		.478 x .508		1.250	0,90,180,270	.009	
Single D		.485 x .500		.500	0,90,180,270	.009	
Single D		.490 x .543		1.250	0,90,180,270	.009	
Single D		.494 x .528		1.250	0,90,180,270	.009	
Single D		.512 x .590		1.250	0,90,180,270	.009	
Single D		.532 x .563		1.250	0,90,180,270	.009	
Single D		.555 x .580		1.250	0,90,180,270	.009	

Tooling Inventory

<u>Shape</u>	<u>Tool #</u>	<u>Dimensions</u>	<u>Description</u>	<u>Station Size</u>	<u>Angles</u>	<u>Die Clearances</u>	<u>Location</u>
Single D		.570 x .625		1.250	0,90,180,270	.005	
Single D		.582 x .610		1.250	0,90,180,270	.009	
Single D		.585 x .625		1.250	0,90,180,270	.009	
Single D		.587 x .615		1.250	0,90,180,270	.009	
Single D		.590 x .635		1.250	0,90,180,270	.009	
Single D		.690 x .780		1.250	0,90,180,270	.009	
Single D		.700 x .750		1.250	0,90,180,270	.009	
Single D		.750 x .790		1.250	0,90,180,270	.009	
Single D		.750 x .820		1.250	0,90,180,270	.009	
Single D		.781 x .843		1.250	0,90,180,270	.009	
Single D		.824 x .895		1.250	0,90,180,270	.009	
Single D		.911 x .980		1.250	0,90,180,270	.005	
Single D		.955 x 1.017		1.250	0,90,180,270	.009	
Single D		1.080 x 1.145		1.250	0,90,180,270	.009	
Single D		1.330 x 1.395		2.000	0,90,180,270	.009	
Single D		1.820 x 1.896		2.000	0,90,180,270	.009	
Single D		.432 x .455	Die Only	.500	0,90,180,270	.009	
Single D		.070 x .094	Punch Only	.500	0,90,180,270	.009	
Double D		.118 x .220		.500	0,90,180,270	.009	
Double D		.122 x .156		.500	0,90,180,270	.009	
Double D		.130 x .161		.500	0,90,180,270	.009	
Double D		.130 x .232		.500	0,90,180,270	.009	
Double D		.169 x .310		.500	0,90,180,270	.009	
Double D		.170 x .270		.500	0,90,180,270	.009	
Double D		.203 x .250		.500	0,90,180,270	.009	
Double D		.210 x .260		.500	0,90,180,270	.009	
Double D		.213 x .250		.500	0,90,180,270	.009	
Double D		.218 x .265		.500	0,90,180,270	.012	

Tooling Inventory

<u>Shape</u>	<u>Tool #</u>	<u>Dimensions</u>	<u>Description</u>	<u>Station Size</u>	<u>Angles</u>	<u>Die Clearances</u>	<u>Location</u>
Double D		.220 x .272		.500	0,90,180,270	.009	
Double D		.236 x .275		.500	0,90,180,270	.009	
Double D		.250 x .312		.500	0,90,180,270	.009	
Double D		.250 x .328		.500	0,90,180,270	.009	
Double D		.281 x .375		.500	0,90,180,270	.009	
Double D		.312 x .437		.500	0,90,180,270	.009	
Double D		.325 x .401		.500	0,90,180,270	.009	
Double D		.340 x .380		.500	0,90,180,270	.009	
Double D		.345 x .395		.500	0,90,180,270	.009	
Double D		.395 x .437		.500	0,90,180,270	.009	
Double D		.421 x .512		1.25	0,90,180,270	.009	
Double D		.425 x .472		.500	0,90,180,270	.009	
Double D		.430 x .500		.500	0,90,180,270	.009	
Double D		.436 x .505		.500	0,90,180,270	.009	
Double D		.453 x .500		.500	0,90,180,270	.009	
Double D		.460 x .520		1.250	0,90,180,270	.009	
Double D		.465 x .500		.500	0,90,180,270	.009	
Double D		.480 x .515		1.250	0, 45	.009	
Double D		.502 x .565		1.250	0,90,180,270	.009	
Double D		.516 x .555		1.250	0,90,180,270	.009	
Double D		.536 x .630		1.250	0,90,180,270	.009	
Double D		.550 x .625		1.250	0,90,180,270	.011	
Double D		.550 x .656		1.250	0,90,180,270	.009	
Double D		.570 x .625		1.250	0,90,180,270	.009	
Double D		.570 x .687		1.250	0,90,180,270	.009	
Double D		.630 x .750		1.250	0,90,180,270	.009	
Double D		.635 x .765		1.250	0,90,180,270	.009	
Double D		.660 x .755		1.250	0,90,180,270	.009	

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Double D		.670 x .765		1.250	0,90,180,270	.009	
Double D		.675 x .800		1.250	0,90,180,270	.005	
Double D		.690 x .765		1.250	0,90,180,270	.009	
Double D		.720 x .850		1.250	0,90,180,270	.009	
Double D		.750 x .875		1.250	0,90,180,270	.009	
Double D		.752 x .830		1.250	0,90,180,270	.012	
Double D		.768 x .800		1.250	0,90,180,270	.009	
Double D		.775 x .875		1.250	0,90,180,270	.009	
Double D		.797 x .875		1.250	0,90,180,270	.009	
Double D		.840 x .875		1.250	0,90,180,270	.009	
Double D		1.110 x 1.315		2.00	0,90,180,270	.009	
Double D		1.130 x 1.340		2.00	0,90,180,270	.009	
Double D		1.140 x 1.250		1.250	0,90,180,270	.009	
Double D		1.170 x 1.375		2.00	0,90,180,270	.009	
Radius Corner	WT07-7072	.125 x .637 x .062	4 Way	1.250	0,90,180,270	.009	
Radius Corner	WT91-1641	.125 x 500 x.062	4 Way	1.250	0,90,180,270	.009	
Radius Corner	P212A401-1554	.125 x 500 x.062	4 Way	1.250	0,90,180,270	.009	
Radius Corner		.126 x .502 x .062	4 Way	1.250	0,90,180,270	.009	
Radius Corner	WT2772476	.150 x .550 x .125	4 Way	1.250	0,90,180,270	.009, .015	
Radius Corner	S0369197-230	.250 x .625 x .093	4 Way	1.250	0,90,180,270	.009, .012, & .015	
Radius Corner	WT86-2401	.216 x .682 x .156	4 Way	1.250	0,90,180,270	.009	
Radius Corner	S0318602-10	.250 x .750 x .188	4 Way	1.250	0,90,180,270	.009, .015	
Radius Corner	S00778	.312 x .875 x.312	4 Way	1.250	0,90,180,270	.009	
Radius Corner	S03011220-10	.313 x .875 x .250	4 Way	1.250	0,90,180,270	.009	
Radius Corner	WT2772478	.438 x 1.125 x .375	4 Way	1.250	0,90,180,270	.009, .015	
Radius Corner	S0394177-310	.500 x 1.250 x .500	4 Way	1.250	0,90,180,270	.009, .015	
Radius Corner		.847 x 1.122 x .118	4 Way	2.000	0,90,180,270	.009	

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Radius Corner	WT20865443	.850 x 1.950 x .750	4 Way	2.000	0,90,180,270	.009, .015	
Radius Corner	SP0651	.875 x 1.937 x .875	4 Way	2.000	0,90,180,270	.012	
Radius Corner	WT04-8750	1.125 x 2.500 x 1.000	4 Way	3.500	0,90,180,270	.009	
Radius "L"	S889773	.062	L Radius	1.250	0,90,180,270	.009	
Radius "L"	WT20227753	.065 x .225 x .080	L Radius	.500	0,90,180,270	.009	
Radius "L"	09-4211	.125	L Radius	1.250	0,90,180,270	.009	
Radius "L"	SS01642	.250 x .080 x .156	L Radius	1.250	0,90,180,270	.009	
Radius "L"	SX05251	.250 x .375	L Radius	1.250	0,90,180,270	.009	
Radius "L"	823650	.250 x .637	L Radius	1.250	0,90,180,270	.009	
Radius "T"	2101725	.110 x 1.110 x .125	T 2 way	1.250	0,90,180,270	.009	
Radius 2-Way	SS04121	.500 Radius	T Shaped	2.000	0,90,180,270	.009	
Radius "Hot Dog"	WT34-6131	.233 x .740		1.250	45, 315	.010	
Radius "Hot Dog"	SX09587	.189 x .457		1.250	0,90,180,270	.009	
Bridge	WT07-7344	.060 x .375 x .08	Form Up	1.250	0,90,180,270		
Bridge	VGV	.060 x .560 x .165	Form Up	1.250	0,90,180,270		
Bridge	WT06-7106	.120 x .540 x .125	Form Up	1.250	0,90,180,270		
Bridge	A1144140-1163	.120 x .540 x .125	Form Down	1.250	0,90,180,270		
Bridge	4403-0234	.120 x .300 x .113	Form Up (Die Only)	1.250	0,90,180,270	use -0149 or -0089 Punch	
Bridge	A114-0149	.122 x .595 x .123	Form Up	1.250	0,90,180,270		
Bridge	S114403-0089	.120 x .680 x .240	Form Up	1.250	0,90,180,270		
Bridge	200-3998	.142 x .338.075	Form Up; use Pre-Punch WT206-0412	1.250	0,90,180,270		
Bridge	S114403-0760	.200 x .960 x .200	Form Up	1.250	0,90,180,270		
Bridge	WT06-1468	.206 x .258 x .039	Form Up	1.250	0,90,180,270	.006	
Bridge	A113401-0147	.250 x .700 x .060	Form Up	1.250	0,90,180,270		
Bridge	WT89-5710	.341 x .455 x .060	Form Up; use Pre-Punch WT89-5709	1.250	0,90,180,270		
Bridge	S114402-0628	.391 x .821 x .236	Form Up	1.250	0,90,180,270		
Bridge	WT89-9132	.394 x .748 x .100	Form Up (Rectangle)	1.250	0,90,180,270		
Bridge	WT90-4597	.147 x .382 x .562 x .093	Form Up (Double Bridge)	1.250	0,90,180,270		

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Bridge	WT85-3952	.230 x .465 x .086	Form Up (Double Bridge)	1.250	0,90,180,270	.006	
Bridge	WT85-3953	.253 x .441 x .079	Form Up (Double Bridge)	1.250	0,90,180,270	.006	
Bridge	A114-0093	.310 x .350 x .150	Form Up (Double Bridge)	1.250	0,90,180,270		
Bridge	WT84-8275	.375 x .562 x .095	Form Up (Double Bridge)	1.250	0,90,180,270	.006	
Bridge	WT02-8549	.375 x .630 x .090	Form Up (Double Bridge)	1.250	0,90,180,270	.009	
Bridge	WT04-3418	.190 x .750 x 1.250 x .250	Form Up (Die Only)	2.000	0,90,180,270		
Card Guide	WT200-4364	.076X.100X2.75X.050	Form Up	3.500	0,90,180,270		
Card Guide	72-0139	.076X.090X1.6X.040	Form Up	2.000	0,90,180,270		
Card Guide	A003608-0590	.075X.100X1.072X.036	Form Up	2.000	0,90,180,270		
Card Guide	A0038010455	.095X.150X2.80X.060	Form Up	3.500	0,90,180,270		
Card Guide	A0038010456	.085X.160X2.80X.060	Form Up	3.500	0,90,180,270		
Card Guide	WT49-8076	.076X .100X 2.374X.063	Form Up	3.500	0,90,180,270		
Card Guide	WT55-4718	.075X.097X 1.00X .060	Form Up	1.250	0,90,180,270		
Card Guide	WT77-2683	.120X .180X 2.50X .048	Form Up	3.500	0,90,180,270		
Dims= inside slot widthXheightXlengthXMat'l							
Center Punch	N/A			.500			
Cluster	WT83-7550	.093 Diameter	6 Plcs.	1.250	0,90,180,270	.009	
Cluster	WT06-9144	.103 Diameter	6 Plcs.	1.250	0,90,180,270	.009, .013	
Cluster	WT06-0378	.152 Diameter	12 Plcs.	2.000	0,90,180,270	.012	
Cluster	A520801-0841	.250 Square @ 45 Degrees	8 Plcs.	3.500	0,90,180,270	.006	
Cluster	WT204-0536	.250 x .500 Obround	6 Plcs.	3.500	0,90,180,270	.006	
Cluster	A520611-0948	.312 Square	4 Plcs.	2.000	0,90,180,270	.005	
Counterbore	WT90-9958	.157 Dia. W/ .237 Counterbore	Form Down	1.25			
Connector	02776	1.300 x 1.000	AC Plus Conn.	2.000	0,90,180,270	.008	

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Connector	SS02033	1.432 x .449		2.000	0,90,180,270	.009	
Connector	WT06-9009	2.789 x .629		3.500	0,90,180,270	.008	
Connector	WT06-9010	2.313 x .675		3.500	0,90,180,270	.008	
Connector	WT88-9963	2.425 x .315		3.500	0,90,180,270	.009	
Countersink		Screw Size #3 .199 @ 82°	Form Down	Kit			
Countersink		Screw Size #4 .225 @ 82°	Form Down	Kit			
Countersink		Screw Size #6 .279 @ 82°	Form Down	Kit			
Countersink		Screw Size #8 .332 @ 82°	Form Down	Kit			
Countersink		Screw Size #10 .385 @ 82°	Form Down	Kit			
Countersink		Screw Size #12 .438 @ 82°	Form Down	Kit			
Countersink		Screw Size #1/4 .507 @ 82°	Form Down	Kit			
Countersink	SP100416-01493	.100 x .261 x 82°	Form Up	1.250			
Countersink	A100418-02135	.187 x .280 x 82°	Form Up	1.250			
Countersink		Screw Size M2 @ 90°	Form Down	Kit			
Countersink		Screw Size M2.5 @ 90°	Form Down	Kit			
Countersink		Screw Size M3 @ 90°	Form Down	Kit			
Countersink		Screw Size M3.5 @ 90°	Form Down	Kit			
Countersink		Screw Size M4 @ 90°	Form Down	Kit			
Countersink		Screw Size M5 @ 90°	Form Down	Kit			
Countersink		Screw Size M6 @ 90°	Form Down	Kit			
Countersink	S100402-01220	.086 x .240 x 90°	Form Up	1.250			
Countersink	S100402-01458	.132 x .224 x 90°	Form Up	1.250			
Countersink	WT91-6052	.150 x .260 x 90°	Form Up	1.250			
Countersink	WT91-6054	.197 x .309 x 90°	Form Up	1.250			
Countersink	2567065	.256 x .370 x 90°	Form Up	1.250			
Countersink		Screw Size #3 .199 @ 100°	Form Down	Kit			

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Countersink		Screw Size #4 .225 @ 100°	Form Down	Kit			
Countersink		Screw Size #6 .279 @ 100°	Form Down	Kit			
Countersink		Screw Size #8 .332 @ 100°	Form Down	Kit			
Countersink		Screw Size #10 .385 @ 100°	Form Down	Kit			
Countersink		Screw Size #12 .438 @ 100°	Form Down	Kit			
Countersink		Screw Size #1/4 .507 @ 100°	Form Down	Kit			
Countersink	SP100416-01886	.187 x .280 x 100°	Form Up	1.25			
Countersink	WT201-0560	.125 x .240 x 120°	Form Down	1.250			
Countersink		.132 x .250 x 120°	Form Down	1.250			
Countersink	S100402-01221	.110 x .270 x 120°	Form Up	1.250			
Countersink	WT203-2786	.128 x .239 x 120°	Form Up	1.250			
Countersink	SO333789-180	.132 x .250 x 120°	Form Up	1.250			
Countersink	S100402-01215	.132 x .250 x 120°	Form Up	1.250			
Countersink	S100402-0577	.140 x .260 x 120°	Form Up	1.250			
Countersink	SP100416-01619	.196 x .355 x 120°	Form Up	1.250			
Countersink	S100430-01383	.300 x .480 x 82°	Form Up (Obround)	1.250	0,90,180,270		
Countersink	S100407-01380	.310 x .480 x 82°	Form Up (Obround)	1.250	0,90,180,270		
Countersink	S100430-0074	.201 x .500 x 100°	Form Down (Obround)	1.250	0,90,180,270		
Countersink	S100430-01012	.281 x .781 x 100°	Form Down (Obround)	1.250	0,90,180,270		
Countersink	S100430-01029	.300 x .480 x 100°	Form Down (Obround)	1.250	0,90,180,270		
Countersink	S100430-0777	.240 x .400 x .100°	Form Down (Obround)	1.250	0,90,180,270		
Countersink	S100430-0780	.277 x .475 x 100°	Form Down (Obround)	1.250	0,90,180,270		
Countersink	WT03-1960	225 x .304 x 82° W/.127 x .206 Pild	Form Down (Obround)	1.250	0,90,180,270	.010	
Countersink	WT56-8434	300 x .506 x 100° W/.166 x .372 Pild	Form Down (Obround)	1.250	140.54	.009	
Countersink	WT56-8435	300 x .480 x 100° W/.166 x .346 Pild	Form Down (Obround)	1.250	26.34	.009	
Countersink	WT56-8436	300 x .458 x 100° W/.166 x .324 Pild	Form Down (Obround)	1.250	55.18	.009	
Dimple	WT61-1812	.036 x .125 x .036	Form Up	1.250			

Tooling Inventory

<u>Shape</u>	<u>Tool #</u>	<u>Dimensions</u>	<u>Description</u>	<u>Station Size</u>	<u>Angles</u>	<u>Die Clearances</u>	<u>Location</u>
Dimple	WT85-3949	.036 x .126 x .040	Form Up	1.250			
Dimple	WT05-7428	.080 Round x .020	Form Up	1.250			
Dimple	WT91-6153	.125 Round x .036	Form Down	.500			
Dimple	WT06-5702	.188 Round x .039	Form Up	1.250			
Dimple	WT05-0234	.228 x .502 x .106	Form Up	1.250			
Dimple	WT84-2905	.242 x .481 x .086	Form Up	1.250			
Dimple	WT07-7343	.264 x .494 x .059	Form Down	.500			
Dimple	A101402-0772	.270 x .538 x .061	Form Up	1.250			
Dimple	S101402-0532	.320 x .497 x .090	Form Up	1.250			
Dimple	A101409-01302	.320 x .618 x .080	Form Down	1.250			
Dimple	WT03-0307	.322 x .637 x .138	Form Up	1.250		.007	
Dimple	WT04-7092	.326 x .525 x .080	Form Up	1.250			
Dimple	WT89-9474	.340 x .712 x .160	Form Up	1.250			
Dimple	S101404-0454	.350 x .515 x .087	Form Up	1.250			
Dimple	PA101403-0299	.350 x .751 x .184	Form Up	1.250			
Dimple	A101404-0461	.358 x .588 x .100	Form Up	1.250			
Dimple	A101403-0432	.360 x .750 x .169	Form Up	1.250			
Dimple	WT75-8883	.368 x .685 x .142	Form Up	1.250			
Dimple	A101-132	.405 x .775 x .160	Form Up	1.250			
Dimple	WT85-3947	.424 x .850 x .197	Form Up	1.250			
Dimple	WT64-4640	.433 x .633 x .137	Form Up	1.250			
Dimple	WT205-4967	.443 x .772 x .127	Form Up	1.250			
Dimple	S101402-0731	.450 x .670 x .085	Form Up	1.250			
Dimple	WT07-0069	.450 x .880 x .190	Form Up	1.250			
Dimple	WT03-2755	.462 x .770 x .079	Form Up	1.250			
Dimple	S101402-0682	.465 x .676 x .058	Form Up	1.250			
Dimple	WT05-7615	.471 x .831 x .155	Form Up	1.250			
Dimple	WT90-4618	.472 x .991 x .230	Form Down	1.250			

Tooling Inventory

<u>Shape</u>	<u>Tool #</u>	<u>Dimensions</u>	<u>Description</u>	<u>Station Size</u>	<u>Angles</u>	<u>Die Clearances</u>	<u>Location</u>
Dimple	S101020-0831	.475 x .975 x .230	Form Up	2.000			
Dimple	WT55-3416	.480 x .613 x .050	Form Up	1.250			
Dimple	S101420-0831	.500 x 1.010 x .230	Form Up	1.250			
Dimple	WT94-9292	.526 x .937 x .175	Form Up (Use With WT94-9293)	1.250			
Dimple	A101413-02031	.534 x .692 x .046	Form Up	1.250			
Dimple	WT61-9900	.550 x .839 x .120	Form Up	1.250			
Dimple	WT02-0323	.560 x .999 x .200	Form Up	1.250			
Dimple	WT02-7938	.560 x 1.021 x .200	Form Up	1.250			
Dimple	A101812-02006	.676 x 1.938 x .310	Form Down	3.500			
Dimple	A10141502024	.681 x .927 x .098	Form Up	1.250			
Dimple	A101601-0801	.690 x 1.250 x .250	Form Up	2.000			
Dimple	WT05-1363	.709 x .917 x .079	Form Up	1.250			
Dimple	WT33-2672	.710 x 1.281 x .200	Form Up	1.250			
Dimple	A101809-01969	.761 x 1.869 x .310	Form Up	3.500			
Dimple	WT89-5496	.816 x .998 x .075	Form Up	1.250			
Dimple	WT90-9959	.924 x 1.155 x .115	Form Up	2.000			
Dimple	WT90-9960	.924 x 1.155 x .115	Form Down	2.000			
Dimple	A101601-0771	.976 x 1.182 x .115	Form Up	2.000			
Dimple	WT04-6686	1.000 x 1.292 x .125	Form Up	2.000			
Dimple	WT45-9586	1.000 x 1.505 x .215	Form Up	2.000			
Dimple	WT01-3082	1.012 x 1.467 x .190	Form Up	2.000			
Dimple	WT04-3633	1.061 x 1.315 x .125	Form Up	1.250			
Dimple	A101803-01819	1.200 x 1.560 x .170		3.500			
Dimple	A101803-01771	1.570 x 1.700 x .050	Form Up	3.500			
Dimple	S101621-0798	1.629 x 1.770 x .110	Form Up	2.000			
Dimple	A101803-01596	2.000 x 2.300 x .125	Form Up	3.500			
Dimple (Obround)	WT89-6528	.120 x .480 x .020	Form Down	1.250	0,90,180,270		

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Dimple (Obround)	WT04-7093	.499 x .999 x .080	Form Up	1.250	0,90,180,270		
Dimple (Obround)	WT02-3322	.566 x .926 x .140	Form Up	2.000	0,90,180,270		
Dimple (Obround)	WT02-3323	.615 x .960 x .150	Form Up	1.250	0,90,180,270		
Dimple (Obround)	WT09-1013	.616 x 1.010 x .137	Form Up	1.250	0,90,180,270		
Dimple (Rectangle)	WT05-8254	.285 x 1.245 x .060	Form Down	2.000	0,90,180,270		
Dimple (Rectangle)	WT07-7354	.287 x .606 x .103	Form Up	1.250	0,90,180,270	.009	
Dimple (Rectangle)	A108414-0132	.392 x 1.156 x .078	Form Down	1.250	0,90,180,270		
Dimple (Rectangle)	WT91-8890	.709 x .769 x .075	Form Up	1.250	0,90,180,270		
Dimple (Rectangle)	WT93-3553	.805 x 1.719 x .039	Form Up (Radius Rectangle)	3.500	0,90,180,270		
Dimple (Rectangle)	WT09-1012	.912 x .1.050 x .137	Form Up	2.000	0,90,180,270		
Dimple (Special)	A300405-0498	.970 x .250 x .062	Form Up (Half Moon)	1.250	0,90,180,270		
Dimple (Special)	WT06-7215	.450 x .500 x .032	Form Up (Half Obround)	1.250	0,90,180,270	.005	
Dimple (Special)	WT04-6689	.472 x .750 x .389 x .080	Form Up (Half Moon)	1.250	0,90,180,270	.009	
Dimple (Special)	A108420-0125	.617 x .626 x .076	Form Up (Half Obround)	1.250	0,90,180,270		
Dimple (Special)	WT91-7461	.860 x .860 x .059	Form Down (Corner)	1.250	0,90,180,270		
Dimple (Special)	A107403-0765	Sharp x .250 x .125	Form Up (Cone)	1.250			
Dimple (Special)	WT215-2222	Sharp x .117 x .043	Form Down (Cone)	.500			
Dimple (Square)	WT88-7948	.540 x .540 x .120	Form Up	1.250	0,90,180,270		
Dimple (Square)	WT55-3417	.550 x .550 x .030	Form Up	1.250	0,90,180,270		
Dimple (Rectangle)	A113401-0147	.250 x .700 x .060	Die Only	1.250	0,90,180,270		
Dimple	A104-045	.410 x ? x .150	Die Only Form Up	1.250			
Dimple	WT92-1067	.440 Square	Die Only Form Up	1.250	0,90,180,270	.006	
Dimple (Rectangle)	WT91-7460	.500 x 3.500	Punch Only Form Down	4.500	0,90,180,270		
Dimple (Rectangle)	WT91-9504	1.470 x 1.500 x .370	Die Only Form Up	4.500	0,90,180,270		
Dimple	WT00-4243		Punch Only	.500			

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Dimple	WT205-4970		Radius Rectangle Die Only Form Up	4.500	0,90,180,270		
Dimple	WT41-0942		Die Only	.500			
Dimple (Rectangle)	WT04-3301	1.175 x 2.950	Form Up (Die Only)	4.500	0,90,180,270		
Ellipse	WT211-4343	.220 x .385		.500	0,90,180,270	.009	
Ellipse	A553303-01097	.262 x .401		.500	0,90,180,270	.009	
Ellipse	WT200-4831	.292 x .567		1.250	0,90,180,270	.009	
Ellipse	SX068554	.307 x .464		.500	0,90,180,270	.009	
Ellipse	WT200-4832	.356 x .548		1.250	0,90,180,270	.009	
Ellipse	WT09-0822	2.430 x .830 x 1.410 Radius	Flat End Ellipse	3.500	0,90,180,270	.009	
Ellipse	WT09-0823	2.430 x 1.070 x 1.750 Radius	Flat End Ellipse	3.500	0,90,180,270	.009	
Extrusion	SS00413-0804	.098 x .066	Form Down	1.250			
Extrusion	SS00413-0805	.120 x .066	Form Down	1.250			
Extrusion	SS00413-0806	.146 x .066	Form Down	1.250			
Extrusion		ø.081	Form Up (pin)	1.250			
Extrusion		ø.089	Form Up (pin)	1.250			
Extrusion		ø.106	Form Up (pin)	1.250			
Extrusion	A000416-0399	ø.107	Form Down	1.250			
Extrusion		ø.116	Form Up (pin)	1.250			
Extrusion		ø.120	Form Up (pin)	1.250			
Extrusion		ø.125	Form Up (pin)	1.250			
Extrusion		ø.147	Form Up (pin)	1.250			
Extrusion		ø.150	Form Up (pin)	1.250			
Extrusion		ø.173	Form Up (pin)	1.250			
Extrusion		ø.180	Form Up (pin)	1.250			
Extrusion	WT207-9369	.550 x .358 x .167	Form Up (Ellipse)	2.000	0,90,180,270		
Extrusion	WT204-0030	.537 x .346 x .167	Form Up (Ellipse)	1.250	0,90,180,270		

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Fan Pattern	A520602-0667			2.000	0,90,180,270	.004	
Fan Pattern	A5209010362			4.500	0,90,180,270	.009	
Flattening	WT50-1364	1.885 Round		1.250			
Flattening	WT81-0405	1.885 Round		1.250			
Form Tool	A401420-0858	.260 x .600	Form Up (Special Tab)	1.250	0,90,180,270		
Form Tool	A400445-0923		Form Down (V Shaped)	1.250	0,90,180,270		
Form Tool	A401802-0129 (T219)		Form Up (V Shaped)	3.500	0,90,180,270		
Form Tool	A401802-0129 (T255)		Form Up (V Shaped)	3.500	0,90,180,270		
Form Tool	WT88-5698		Form Up (Double Tab)	3.500	0,90,180,270	.004	
Ground Symbol	A800407-0940		Form Up	1.250	0,90,180,270		
Ground Symbol	WT203-3488		Form Down	1.250	0,90,180,270		
Ground Symbol	WT81-0405		Form Up (No Ring)	1.250	0,90,180,270		
Half Shear	A2032010245	.070	Form Up	.500			
Half Shear	A2032010233	.093	Form Up	.500			
Half Shear	A203-258	.118	Form Up	.500			
Half Shear	A2032020653	.118	Form Down	.500			
Half Shear	WT68-4960	.125	Form Up	1.250		.006	
Half Shear	WT00-3949	.136	Form Up	1.250		.009	
Half Shear	WT61-4763	.150	Form Up	1.250		.006	
Half Shear	PA203202-0210	.156	Form Up	.500			
Half Shear	WT90-9958	.156	Form Down	1.250			
Half Shear	A203-0201	.156 (3.8 mm)	Form Up	.500			
Half Shear	A2032011094	.170	Form Up	.500			
Half Shear		.187	Form Up	.500			

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Half Shear	WT04-4844	.193	Form Up	1.250		.006	
Half Shear	WT205-0191	.244	Form Down	1.250		.006	
Half Shear	SS03421-0080	1.025	Form Down	1.250			
Half Shear	WT89-2275	.100 x .204	Form Up (Rectangle)	1.250	0,90,180,270	.006	
Half Shear	A203413-0608	.120 x .345	Form Up (Rectangle)	1.250	0,90,180,270		
Half Shear	WT70-6509	.121 x .343	Form Up (Rectangle)	1.25	0,90,180,270		
Half Shear	WT06-6209	.136 x .186	Form Up (Obround)	1.250	0,90,180,270	.006	
Half Shear	A203420-01228	.155 x .650	Form Down (Obround)	1.250	0,90,180,270		
Half Shear	WT215-4980	.155 x .650	Form Up (Obround)	1.250	0,90,180,270	.006	
Half Shear	DWG,WT51-1335	.312 x .625	Form Down (Rectangle)	1.250	0,90,180,270	.006	
Half Shear	WT92-1068	.442	Form Up (Hex)	1.250	0,90,180,270	.006	
Hex		.130		.500	0,90,180,270	.009	
Hex		.150		.500	0,90,180,270	.009	
Hex		.170		.500	0,90,180,270	.009	
Hex		.250		.500	0,90,180,270	.009	
Hex		.286		.500	0,90,180,270	.007	
Hex		.500		1.250	0,90,180,270	.009	
Hex		.844		1.250	0,90,180,270	.012	
Hex		1.015		1.250	0,90,180,270	.009	
Hex	WT92-1068	.450	Die Only	1.250	0,90,180,270	.006	
Key Hole	WT205-2048	.616 x 1.191	Keyhole	1.250	0,90,180,270	.009	
Keyway	WT63-4033	.251 x .023 x .032		.500	0,90,180,270	.006	
Keyway	WT01-0576	.406 Diameter	Double Keyway	.500	0,90,180,270	.012	
Keyway	WT20-4367	.468 x .030 x .062		.500	0,90,180,270	.009	
Keyway	WT63-4034	.484 x .044 x .050		.500	0,90,180,270	.009	
Keyway	WT81-7639	.484 x .041 x .060		1.250	0,90,180,270	.009	

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Keyway	WT89-6560	.506 x .065 x .116		1.250	0,90,180,270	.018	
Keyway	WT01-6885	.640 x .035 x .060		1.250	0,90,180,270	.005	
Knockout	WT38-8118	.218	Form Up	1.250	0,90,180,270	.008	
Knockout	WT06-7581	.281	Form Up	1.250	0,90,180,270	.010	
Knockout	WT50-1363	.312	Form Up	1.250	0,90,180,270	.010	Need to order die
Knockout	WT04-5516	.420 x .760	Form Up (Rectangle)	1.250	0,90,180,270	.006	
Knockout	S200404-0821	.500	Form Up	1.250	0,90,180,270		
Knockout	A201403-0161	.520 x .575	Form Up	1.250	0,90,180,270		
Knockout	P4200401-0115	.625	Form Up	1.250	0,90,180,270		
Knockout	S200403-0427	.875	Form Up	1.250	0,90,180,270		
Knockout	WT215-7282	.875	Form Up	1.250	0,90,180,270	.010	
Knockout	S0207130-10	.875 x 1.125	Form Up (Double Knockout)	1.250	0,90,180,270	.010	
Knockout	WT215-7281	1.125	Form Up	1.250	0,90,180,270	.010	
Knockout	S200606-0706	1.750	Form Up	2.000	0,90,180,270		
Lance	WT66-1251	.060 x .250x .620	Form Up	1.250	0,90,180,270		
Lance	WT07-8888	.130 x .485 x .500	Form Up	1.250	0,90,180,270	.006	
Lance	WT205-4969	.200 x .500 x .240	Form Up (Progressive)	1.250	0,90,180,270		
Lance	WT06-3415	.250 x .156 x .189	Form Up	1.250	0,90,180,270		
Lance	WT201-5535	.250 x .500 x .250	Form Up	1.250	0,90,180,270		
Lance	WT92-3854	.261 x .261 x .085	Form Down	1.250	0,90,180,270	.006	
Lance	A400404-0197	.275 x .310 x .100	Form Up (Double)	1.250	0,90,180,270		
Lance	A400424-0164	.312 x .334 x .063	Form Up	1.250	0,90,180,270		
Lance	A108601-0124	.390 x .960 x .100	Form Up (Rectangle)	2.000	0,90,180,270		
Lance	A4014240975	.562 x .560 x .094	Form Up	1.250	0,90,180,270		
Lance	A400432-0381	.630 x .542 x .330	Form Up (Use Pre-Punch 09491)	1.250	0,90,180,270		
Lance	S114403-0760	.660 x .960 x .200	Form Up	1.250	0,90,180,270		
Lance	A401404-0302	.827 x .310 x .150	Form Up	1.250	0,90,180,270		

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Lance	WT203-7012	.940 x .416 x .315	Form Up	2.000	0,90,180,270	.006	
Lance	A400433-0416	.500 x .166 x .400	Punch Only Form Up	1.250	0,90,180,270		
Lance	2011633	.500 x .300 x .350	Die Only, Form Up	2.000	0,90,180,270	.011	
Letter Tool	WT05-0033	.125 High	24 Letters 2 Lines, Form Down	3.500	0,90,180,270		
Letter Tool	WT05-6414	.125 High	1 Letter, Form Down	.500	0,90,180,270		
Letter Tool	WT06-7809	.125 High	42 Letters 3 Lines, Form Down	3.500	0,90,180,270		
Letter Tool	WT93-0980	.125 High	10 Letters 1 Line, Form Down	1.250	0,90,180,270		
Louver	S300606-0322	.180 x .312 x 1.500	Form Up	2.000	0,90,180,270		
Louver	S300801-0208	.250 x .750 x 3.00	Form Up	3.500	0,90,180,271		
Louver	WT50-1357	.350 x 1.00 x 2.60	Progressive Form Up	4.500	0,90,180,270		
Louver	WT81-8215		Form Up Left	3.500	0,90,180,270	.006	
Louver	WT81-8216		Form Up Right	3.500	0,90,180,270	.006	
Louver	WT82-8484	.190 x .300 x 2.520	Form Up	3.500	0,90,180,270		
Louver	WT88-6764	.240 x .465 x .168	Form Up	1.250	0,90,180,270		
Louver	SP300801-02592	.186 x .555 x 3.175	Form Up	3.500	0,90,180,270	.063 mat'l	
Louver	SP300801-02592	.160 x .500 x 1.250	Form Up	2.000	0,90,180,270		
Dims= Height X Width X Length							
Micro-Joint	011659	.250 x 1.000		1.250	0,90,180,270	.009	
Micro-Joint	2567066	.250 x .750 x .202 Radius		1.250	0,90,180,270	.009	
Rib Tool	WT55-3415	.095 x .300		1.250	0,90,180,270		.095 x .300?
Rib Tool	WT89-5708	.098 x .275	Progressive Rib Form Up?	1.250	0,90,180,270		
Rib Tool	WT89-5707	.110 x .300	Progressive (Rib) Form Up	1.250	0,90,180,270		
Rib Tool	WT71-0716	.125 x .312 x .170	Progressive Form Up	1.250	0,90,180,270		
Rib Tool	A115403-0176	.101 X .800	Progressive Form Up	1.250	0,90,180,270		
Rib Tool	WT25-4631	.163 x .375 x .169	Progressive Form Up	1.250	0,90,180,270		

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Rib Tool	WT203-9515	.197 x .592 x 1.250	Progressive Form Up	2.000	0,90,180,270		
Rib Tool	WT200-3998	.210 x .100 x .340 x .074	Progressive Form Up	1.250	0,90,180,270		
Rib Tool	WT29-1692	.220 x .490 x .170	Progressive Form Up	1.250	0,90,180,270	.012	
Rib Tool	A115403-0054	.227 x .969	Progressive Form Up	1.250	0,90,180,270		.057 x .265?
Rib Tool	WT88-5146	.312 x 1.060 x .090	Progressive Rectangle Form Up	2.000	0,90,180,270		
Rib Tool	WT76-1748	.400 x .520	Progressive Form Up	1.250	0,90,180,270		.120 x .400
Rib Tool	WT205-0192	.595 x .895 x .155	Progressive Form Up	1.250	0,90,180,270		
Rib Tool	(920379)						
Rib Tool	WT91-7460	.830 Wide	Progressive Die Only Form Up	4.500	0,90,180,270		
Rib Tool	WT88-5145	.505 x .210	Progressive Punch Only	2.000	0,90,180,270		
Rib Tool	WT04-3418	.670 x 1.280 x .156	Progressive Punch Only	2.000	0,90,180,270		
Scribe	WT91-4085	.375		.500	0,90,180,270		
Trap	SX09869	.356 x 1.298		2.000	0,90,180,270	.008	
Trap	WT05-2572	.394 x .748		1.250	0,90,180,270	.009	
Trap	X02303	.397 x .787		1.250	0,90,180,270	.009	
Trap	WT68-4770	.405 x .735		1.250	0,90,180,270	.009	
Trap	X02275	.430 x .760		1.250	0,90,180,270	.009	
Trap	WT05-6321	.440 x .791		1.250	0,90,180,270	.009	
Trap	WT60-2638	.440 x 1.000		1.250	0,90,180,270	.009	
Trap	WT04-7170	.450 x .844		1.250	0,90,180,270	.009	
Trap	WT76-4175	.455 x .750		1.250	0,90,180,270	.009	
Trap	WT21-6079	.455 x .812		1.250	0,90,180,270	.009	
Trap	WT08-6172	.458 x .798		1.250	0,90,180,270	.009	
Trap	02143	.461 x .733		1.250	0,90,180,270	.006	
Trap	WT07-0086	.513 x .874		1.250	0,90,180,270	.009	
Trap	WT35-6108	.609 x 1.500		2.000	0,90,180,270	.006	

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Trap	WT67-5941	.630 x 1.606		2.000	0,90,180,270	.012	
Special Shape	05770	2.383 x 1.600 x .656		3.500	0,90,180,270	.006	
Special Shape	08644			3.500	0,90,180,270	.004	
Special Shape	09494	.157 x .553		1.250	0,90,180,270	.006	
Special Shape	3570	1.102 x 2.244 x .463 Chamfer		3.500	0,90,180,270	.006	
Special Shape	SS08190	1.791 x .710		2.000	0,90,180,270	.006	
Special Shape	WT01-2023			3.500	0,90,180,270	.008	
Special Shape	WT04-6687		Double Tab	3.500	0,90,180,270	.009	
Special Shape	WT04-7201	2.899 x .642	Dog Bone	3.500	0,90,180,270	.009	
Special Shape	WT05-3233	.468 x 2.159	Rectangle (Blanking Tool with Relief)	3.500	0,90,180,270	.004	
Special Shape	WT06-9722	.900 x 2.000	Special Rectangle	3.500	0,90,180,270	.009	
Special Shape	WT200-4363	.780 x 2.395	Special Rectangle	3.500	0,90,180,270	.005	
Special Shape	WT204-7198			1.250	0,90,180,270	.006	
Special Shape	WT204-7199			1.250	0,90,180,270	.006	
Special Shape	WT204-7200			1.250	0,90,180,270	.006	
Special Shape	WT204-7201			1.250	0,90,180,270	.006	
Special Shape	WT204-8863	.830 x 1.620	Tapered Rectangle	2.000	0,90,180,270	.012	
Special Shape	WT29-5639	.484 x .732	Left	1.250	0,90,180,270	.006	
Special Shape	WT29-5640	.484 x .732	Right	1.250	0,90,180,270	.006	
Special Shape	WT32-4574	.327 x 1.055	Tapered Rectangle	1.250	0,90,180,270	.010	
Special Shape	WT64-4808	1.110 x 3.000 x.250 Radius	Blanking Tool	3.500	0,90,180,270	.009	
Special Shape	WT88-6800		Special Rectangle	3.500	0,90,180,270	.004	
Special Shape	WT89-5709	.150 x .500	Pre-Punch for Lance (WT89-5710)	1.250	0,90,180,270	.006	
Special Shape	WT90-1293	1.900 x 1.074		2.000	0,90,180,270	.005	
Special Shape	WT90-1991	2.650 x 3.070	Special Rectangle	4.500	0,90,180,270	.007	
Special Shape	WT90-1992	2.642 x 2.684	Special Rectangle	4.500	0,90,180,270	.007	
Special Shape	WT94-9293	.375 Round Raised Die	Pedestal Punch (Use With WT94-9292)	.500	0,90,180,270	.012	

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Special Shape	WT85-1591		Rectangle With Rib	3.500	0,90,180,270	.004	
Special Shape	SS04660	2.442 x .454	Gear	3.500	0,90,180,270	.012	
Special Shape	WT04-5929	1.490 x 2.635	Tear Drop	3.500	0,90,180,270	.010	
Special Shape	WT44-7296	1.400 x 2.620	Tear Drop	3.500	0,90,180,270	.004	
Special Shape	WT85-3944		E Shaped (Right)	.500	0,90,180,270	.004	
Special Shape	WT85-3945		E Shaped (Left)	.500	0,90,180,270	.004	
Special Shape	WT53-1731	.500 x .510	H Shaped	1.250	0,90,180,270	.004	
Special Shape	SS01746	2.130 x .500	H Shaped	3.500	0,90,180,270	.005	
Special Shape	WT00-6542	1.192 x 1.192 x .617	L Shaped	3.500	0,90,180,270	.008	
Special Shape	WT206-0412	.420 x .227	Pre-Punch for Bridge (WT200-3998)	.500	0,90,180,270	.006	
Special Shape	WT61-6590	1.921 x 2.147	W Shape	3.500	0,90,180,270	.014	
Special Shape	WT93-9513	1.558 x 1.179 x .090	Curved Rectangle	2.000	0,90,180,270	.006	
Special Shape	WT91-4651	.125 x .790 x 1.740	Curved Rectangle	2.000	0,90,180,270	.004	
Special Shape	WT88-8330	.989 x .560 x .060	Curved Rectangle	1.250	0,90,180,270	.006	
Special Shape	SX00209	.205 x 1.950 x .200	Curved Rectangle	4.500	0,90,180,270	.009	
Special Shape	09490	.760 x .580	Special U Shaped	1.250	0,90,180,270	.006	
Special Shape	SS01677	.063 x .440 x .510	U Shaped	1.250	0,90,180,270	.009	
Special Shape	SS01678	.062 x .407 x .481	U Shaped	1.250	0,90,180,270	.009	
Special Shape	SS01745	1.380 x .500 x .125	U Shaped	2.000	0,90,180,270	.005	
Special Shape	SS02032	.420 x .312 x .060	U Shaped	1.250	0,90,180,270	.009	
Special Shape	SS09528	.051 x .400 x .442	U Shaped	1.250	0,90,180,270	.006	
Special Shape	SX05064	.047 x .434 x .448	U Shaped	1.250	0,90,180,270	.009	
Special Shape	SX05326	.060 x .295 x .756	U Shaped	1.250	0,90,180,270	.007	
Special Shape	SX07802	.062 x .625 x .712	U Shaped	1.250	0,90,180,270	.009	
Special Shape	WT04-8602	2.161 x 3.831 x .491	U Shaped	4.500	0,90,180,270	.009	
Special Shape	WT05-7429	.113 x .375 x .265	U Shaped	.500	0,90,180,270	.006	
Special Shape	WT203-7013	.250 x .100 x .070	U Shaped	.500	0,90,180,270	.006	
Special Shape	WT204-6751	.063 x .163 x .661	U Shaped	1.250	0,90,180,270	.008	

Tooling Inventory

Shape	Tool #	Dimensions	Description	Station Size	Angles	Die Clearances	Location
Special Shape	WT90-4638	.063 x .283 x .283	U Shaped	.500	0,90,180,270	.006	
Special Shape	WT06-9186	.269 With .032 Rad. Corners	Triangle	1.250	0,90,180,270	.006	
Special Shape	WT93-9512	.355 x .753	Pie Shaped	1.250	0,90,180,270	.006	
Special Shape	WT88-8331	.191 x .367	Pie Shaped	1.250	0,90,180,270	.006	
Special Shape	WT87-3473	4.500 Round	Punch Only Ring 1/2 Shear ?	4.500			
Special Shape	WT84-1611	1.955 x 2.310 x 2.500	Punch Only Ring 1/2 Shear ?	3.500			
Obround	Impact (Vipros Only)	.062 x .500	Cooper Cabinet (Air Blow)	.500	0,90,180,270	.009	
Obround	Impact (Vipros Only)	.125 x 1.000	Cooper Cabinet (Air Blow)	1.250	0,90,180,270	.009	
Obround	Impact (Vipros Only)	.187 x .375	Cooper Cabinet (Air Blow)	.500	0,90,180,270	.009, .012	
Obround	Impact (Vipros Only)	.187 x 1.000	Cooper Cabinet (Air Blow)	1.250	0,90,180,270	.009	
Obround	Impact (Vipros Only)	.250 x .500	Cooper Cabinet (Air Blow)	.500	0,90,180,270	.012	
Obround	Impact (Vipros Only)	.260 x .320	Cooper Cabinet	.500	0,90,180,270	.009	
Rectangle	Impact (Vipros Only)	.060 X .255	Cooper Cabinet (Air Blow)	.500	0,90,180,270	.009	
Rectangle	Impact (Vipros Only)	.063 x .450	Cooper Cabinet (Air Blow)	.500	0,90,180,270	.009	
Rectangle	Impact (Vipros Only)	.125 x .750	Cooper Cabinet (Air Blow)	1.250	0,90,180,270	.009	
Rectangle	Impact (Vipros Only)	.125 X 1.000	Cooper Cabinet (Air Blow)	1.250	0,90,180,270	.009	
Round	Impact (Vipros Only)	.120	Cooper Cabinet (Air Blow)	.500			
Round	Impact (Vipros Only)	.237	Cooper Cabinet (Air Blow)	.500			
Square	Impact (Vipros Only)	.125	Cooper Cabinet (Air Blow)	.500	0,90,180,270	.009	
Square	Impact (Vipros Only)	.188	Cooper Cabinet (Air Blow)	.500	0,90,180,270	.009	
Rectangle	Impact (Vipros Only)	.093 x 1.000	Cooper Cabinet (Die Only)	1.250	0,90,180,270	.009	
Rectangle	Impact (Vipros Only)	.250 x 1.000	Cooper Cabinet (Air Blow Punch Only)	1.250	0,90,180,270		
Rectangle	Impact (Vipros Only)	.281 x 1.000	Cooper Cabinet (Die Only)	1.250	0,90,180,270	.009	
Round	Impact (Vipros Only)	.103	Cooper Cabinet (Air Blow Punch Only)	.500			
Round	Impact (Vipros Only)	.284	Cooper Cabinet (Air Blow Punch Only)	.500			
Square	Impact (Vipros Only)	.250	Cooper Cabinet (Die Only)	.500	45	.009	

Tooling Inventory

<u>Shape</u>	<u>Tool #</u>	<u>Dimensions</u>	<u>Description</u>	<u>Station Size</u>	<u>Angles</u>	<u>Die Clearances</u>	<u>Location</u>
Square	Impact (Vipros Only)	.750	Cooper Cabinet (Die Only)	1.250	0,90,180,270	.009	