Fife Fabrications

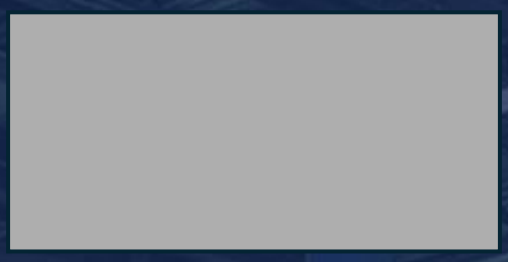
Standard Punch Tooling Library

For Any Special Tooling Requirements Please Contact The FiFab Team

Rounds

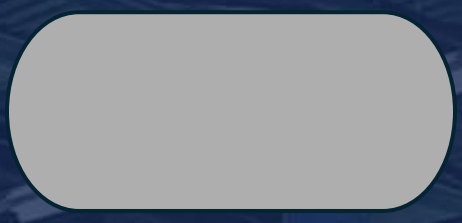
Dia.	Dia.	Dia.	Dia.	Dia.	Dia.	Dia.	Dia.
1.20	3.86	6.20	8.76	12.50	18.70	27.76	45.00
1.50	4.00	6.30	9.00	12.70	19.10	28.10	46.00
1.60	4.11	6.36	9.06	13.00	19.50	28.50	50.00
1.80	4.25	6.40	9.32	13.02	20.00	28.80	50.80
2.00	4.30	6.50	9.50	13.10	20.15	30.00	51.20
2.12	4.40	6.60	9.60	13.50	20.30	30.30	53.00
2.30	4.50	6.75	10.00	13.70	20.62	31.00	53.90
2.50	4.60	6.80	10.10	14.00	21.00	31.75	56.00
2.50	4.70	6.95	10.33	14.30	22.05	32.00	57.15
2.65	4.80	7.00	10.42	14.50	22.22	32.20	58.00
2.80	4.90	7.11	10.50	15.00	22.50	32.70	59.00
2.90	5.00	7.20	10.70	15.20	23.00	33.00	62.00
3.00	5.15	7.40	10.90	15.50	23.50	33.30	63.00
3.06	5.25	7.50	11.00	15.70	24.00	33.90	65.00
3.10	5.30	7.70	11.10	15.90	24.20	35.00	68.50
3.20	5.40	7.90	11.20	16.10	25.00	36.00	70.00
3.30	5.41	7.95	11.50	16.30	25.40	37.00	76.20
3.40	5.50	8.00	11.80	16.50	25.60	38.20	
3.50	5.60	8.10	12.00	17.00	25.75	40.00	
3.50	5.80	8.20	12.03	17.50	26.00	40.50	
3.60	5.90	8.33	12.06	18.00	26.20	41.80	
3.70	6.00	8.50	12.10	18.25	27.00	43.00	
3.75	6.02	8.50	12.30	18.50	27.50	44.00	

Rectangles



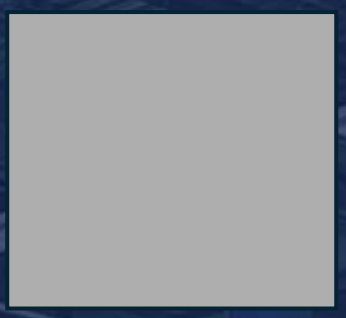
Length	Width	Rad	Length	Width	Rad	Length	Width	Rad	Length	Width	Rad
25.30	1.00		11.05	2.54		13.50	5.50		13.00	11.00	
5.00	1.00		8.40	2.80		20.00	5.50		40.00	11.00	
8.00	1.00		5.50	3.00		8.20	5.60		15.00	11.00	
2.10	1.10		7.00	3.00	1.00	25.00	5.90		50.0	11.05	1.0
6.00	1.20		10.00	3.00	0.50	20.00	6.00		30.00	11.30	
3.00	1.25		15.00	3.00	0.5	25.00	6.00		15.00	11.50	
26.50	1.25		18.00	3.00		8.00	6.00		20.0	11.60	4.0
12.00	1.27		30.00	3.00		50.00	6.00	1.00	13.0	12.00	
19.10	1.27		27.0	3.00	1.0	13.20	6.10		28.00	12.00	
9.00	1.35		5.00	3.00		14.10	6.32	1.10	25.00	12.10	
4.90	1.40		6.00	3.00		8.20	6.35	1.00	19.10	12.20	1.60
10.20	1.40		20.00	3.00		19.05	6.35		14.00	12.70	
2.1	1.40		3.50	3.10		21.30	6.35		25.40	12.70	3.20
6.40	1.40		6.36	3.17		10.00	6.40		49.00	12.70	
7.00	1.50		57.20	3.19		30.00	6.50		15.49	12.95	
27.00	1.50		18.75	3.20		12.60	6.70		15.00	13.00	5.00
10.00	1.50		37.65	3.20		13.74	7.00		45.00	13.00	
4.20	1.60		10.20	3.20		20.00	7.00		19.00	13.10	3.17
5.10	1.60		19.10	3.30		13.00	7.15		24.73	13.30	
6.00	1.60		7.00	3.50		15.00	7.50	2.00	40.00	13.30	
10.00	1.60		20.50	3.70		16.00	7.63		33.80	13.60	
11.40	1.60		12.00	3.80		10.00	8.00		14.70	13.80	
20.10	1.60		8.00	4.00		25.00	8.00		17.26	13.87	
6.00	1.80		15.00	4.00		10.40	8.00		16.00	14.00	4.00
8.00	1.80		25.00	4.00		27.60	8.10		16.00	14.00	
8.40	1.80		30.00	4.00		13.50	8.20	0.50	30.00	14.00	
18.00	1.80		10.00	4.00		15.58	8.20	1.00	16.50	14.10	
8.00	2.00		20.00	4.00		8.70	8.25	1.00	41.91	14.18	
12.00	2.00		8.60	4.20		25.00	8.40		17.10	14.25	
20.00	2.00		15.00	4.33		25.00	8.60		17.30	14.30	
26.00	2.00		7.70	4.50		26.20	8.82		26.20	14.40	0.5
30.00	2.00		14.00	4.50		13.60	9.00	1.0	17.10	14.50	
5.60	2.00		7.00	4.75		15.10	9.10	2.50	52.00	14.70	
7.00	2.00		8.40	4.75		50.00	9.10		18.70	14.93	
3.00	2.00		7.93	4.75		13.20	9.50		18.00	15.00	
6.30	2.00		17.60	4.82		12.70	9.53		19.75	15.00	
10.00	2.00		8.00	5.00	1	11.40	9.60		17.00	15.20	
10.20	2.10		8.00	5.00		26.30	9.60		21.00	15.20	
33.00	2.10		12.00	5.00		29.00	9.80	3.00	22.70	17.00	
5.60	2.25		50.00	5.00		13.30	9.90		30.00	18.00	
14.20	2.28		70.00	5.00		26.40	9.90		25.00	18.30	
13.00	2.30		75.00	5.00		14.00	10.00		22.70	19.10	
30.00	2.30		10.00	5.00		27.00	10.00	2.00	30.00	20.00	
4.00	2.30		13.00	5.00		33.00	10.00		67.00	20.00	
25.00	2.40		30.00	5.00		40.00	10.00		60.00	21.40	
4.30	2.40		40.00	5.00		25.00	10.00		43.80	39.34	
5.50	2.50		56.00	5.00		50.00	10.00		6.30	2.40	
8.50	2.50		76.20	5.00		20.43	10.25	3.20	6.00	4.00	
10.00	2.50		17.26	5.20		12.50	10.50				

Obrounds



Length	Width	Length	Width	Length	Width	Length	Width
8.00	1.50	22.50	3.50	50.00	5.00	20.00	7.00
20.00	1.50	35.00	3.50	56.20	5.00	25.00	7.00
12.00	1.60	43.50	3.50	70.00	5.00	32.00	7.00
4.00	2.00	5.08	3.56	9.10	5.20	50.00	7.00
7.00	2.00	5.50	3.60	10.00	5.20	9.00	7.50
8.00	2.00	6.35	3.70	8.30	5.30	10.40	7.50
10.00	2.00	12.70	3.70	10.65	5.30	11.50	7.50
13.00	2.00	6.35	3.96	11.16	5.30	50.00	7.50
20.00	2.00	4.70	4.00	9.40	5.40	9.00	7.65
25.00	2.00	5.70	4.00	7.62	5.41	19.05	7.92
3.70	2.20	6.52	4.00	10.00	5.50	10.00	8.00
5.20	2.20	9.50	4.00	12.70	5.50	11.20	8.00
6.00	2.30	9.50	4.00	9.34	5.53	20.00	8.00
6.30	2.30	10.00	4.00	6.35	5.54	28.00	8.00
6.40	2.40	14.73	4.00	18.10	5.60	40.00	8.00
25.00	2.50	25.40	4.00	25.00	5.70	13.20	8.20
27.50	2.50	30.00	4.00	10.75	5.75	11.40	8.40
53.50	2.50	40.00	4.00	10.80	5.80	13.50	8.50
60.00	2.50	71.50	4.00	18.40	5.80	13.75	8.50
3.81	2.54	5.06	4.06	8.50	6.00	12.00	9.00
5.50	3.00	5.50	4.20	11.00	6.00	14.50	9.00
6.00	3.00	7.20	4.20	12.00	6.00	76.20	9.00
9.50	3.00	12.70	4.20	15.00	6.00	22.22	9.52
15.00	3.00	6.35	4.37	22.50	6.00	11.00	10.00
20.00	3.00	54.40	4.40	25.00	6.00	20.00	10.00
25.00	3.00	8.26	4.45	30.00	6.00	21.00	10.00
29.50	3.00	5.86	4.46	34.30	6.00	40.00	10.00
3.60	3.10	6.35	4.50	36.00	6.00	58.00	10.00
3.96	3.17	6.50	4.50	55.50	6.00	11.30	10.50
5.60	3.18	7.50	4.50	10.15	6.35	12.70	10.50
12.70	3.18	8.50	4.50	15.00	6.35	21.00	10.50
31.75	3.18	8.50	4.50	9.50	6.40	14.00	11.00
4.00	3.20	10.50	4.50	15.90	6.40	16.50	11.00
5.20	3.20	36.50	4.50	46.50	6.40	23.70	11.00
6.40	3.20	6.70	4.70	8.10	6.50	45.10	11.00
9.20	3.20	7.92	4.75	8.50	6.50	33.00	12.00
25.00	3.20	5.97	4.78	9.50	6.50	13.50	12.50
35.00	3.20	9.86	4.86	10.00	6.50	16.50	12.50
4.30	3.30	7.13	4.95	10.50	6.50	19.05	12.70
16.00	3.30	7.00	5.00	7.60	6.60	30.00	15.00
3.95	3.35	10.30	5.00	19.70	6.60	45.00	15.00
6.35	3.45	12.50	5.00	10.30	6.80	50.00	15.00
4.50	3.50	15.00	5.00	8.00	7.00	65.00	15.00
5.00	3.50	20.00	5.00	10.00	7.00	46.00	16.00
6.50	3.50	25.00	5.00	10.30	7.00	40.00	20.00
10.00	3.50	30.00	5.00	11.50	7.00	37.40	22.40

Squares

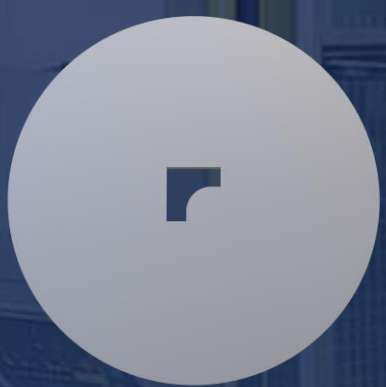


Size	Size	Size	Size	Size	Size
1.30	4.50	8.00	10.30	15.88	30.00
2.50	5.10	9.20	11.00	20.00	30.00
3.20	5.60	9.50	12.00	24.00	35.00
3.50	6.35	9.60	12.70	24.70	50.00
4.00	6.00	10.00	14.00	25.00	
4.20	7.00	10.00	15.00	25.40	

Corner Radius

4-Way

S/Rad

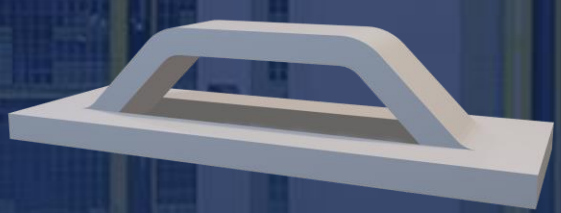


Tool No.	Description
966000	2MM S/RAD SINGLE STN
760000	10MM 4-WAY RAD
718000	6MM 4-WAY RAD
509	2MM S/RAD 5 STN
505	5MM S/RAD 5 STN
104	1MM S/RAD 5 STN
104	3MM S/RAD 5 STN
509	3MM 4-WAY RAD 5 STN
509	4MM 4-WAY RAD 5 STN
509	2MM 4-WAY RAD 5 STN
509	5MM 4-WAY RAD 5 STN

Louvre

Tool No.	Description	Length	Width	Gap	Minimum Distance	Form Direction
758000	PROGRESSIVE LOUVRE	PROGRESSIVE	12.00	3.20	20.00	UP FORM
921000	60 X 5 LOUVRE	60.00	5.00	5.00	17.00	UP FORM
10046	45 X 4 PROGRESSIVE LOUVRE	45.00	4.00	4.00	13.00	UP FORM
10051	46 X 2 LOUVRE	46.00	2.00	2.00	8.00	UP FORM

Lance & Form



Tool No.	Description	Length	Height	Form Direction
773000	5.5X4.2 U/F LANCE	5.50	4.20	UP FORM
776000	9.79 X 5.4 U/F LANCE	9.79	5.40	UP FORM
786000	5.5X3.7 U/F LANCE	5.50	3.7	UP FORM
787000	2.96X3.8 U/F LANCE	2.96	3.8	UP FORM
850000	13.76X3.8 U/F LANCE	13.76	3.8	UP FORM
1019	16.28 X 3.78 LANCE	16.28	3.78	UP FORM
51019000	12.2X2.0 U/F LANCE	12.20	2.0	UP FORM
20351	9.8 X 4.0 U/F LANCE	9.80	4	UP FORM

Double & Single Dee's

Double

Single

Diameter	Across Flats	Shape	Diameter	Across Flats	Shape
5.90	3.30	DOUBLE	16.10	13.50	DOUBLE
4.10	3.30	DOUBLE	15.15	13.65	DOUBLE
4.25	3.30	DOUBLE	14.53	13.72	SINGLE
6.50	5.20	DOUBLE	16.00	13.80	DOUBLE
6.50	5.20	DOUBLE	16.50	14.00	DOUBLE
6.50	5.85	SINGLE	16.65	14.15	DOUBLE
6.60	6.00	SINGLE	15.90	14.60	DOUBLE
6.35	6.00	SINGLE	15.50	14.70	SINGLE
6.50	6.00	SINGLE	15.90	15.00	SINGLE
7.20	6.80	SINGLE	16.20	15.00	SINGLE
8.20	7.40	SINGLE	19.50	16.00	DOUBLE
10.00	8.00	DOUBLE	20.00	16.00	DOUBLE
8.80	8.00	SINGLE	19.00	16.00	DOUBLE
9.00	8.40	DOUBLE	20.00	16.50	DOUBLE
9.20	8.40	DOUBLE	19.50	16.50	DOUBLE
9.00	8.70	SINGLE	17.30	16.70	SINGLE
10.50	8.85	DOUBLE	17.70	16.90	SINGLE
9.70	8.90	SINGLE	18.10	17.40	SINGLE
10.00	9.00	SINGLE	19.05	17.50	DOUBLE
11.30	9.70	DOUBLE	18.70	17.80	SINGLE
15.60	10.95	DOUBLE	19.20	18.40	SINGLE
12.90	11.05	SINGLE	20.70	18.50	DOUBLE
12.10	11.25	SINGLE	19.70	18.90	SINGLE
12.90	11.50	DOUBLE	20.80	19.40	SINGLE
12.00	11.70	SINGLE	22.50	21.75	SINGLE
12.70	11.70	DOUBLE	25.60	23.60	SINGLE
12.80	11.90	SINGLE	25.60	24.30	SINGLE
12.90	12.00	SINGLE	25.60	24.80	SINGLE
12.70	12.00	SINGLE	29.40	27.50	SINGLE
13.60	12.50	SINGLE	37.00	31.00	DOUBLE
13.70	12.85	SINGLE			

Countersinks

Tool No.	Major	Minor	Angle	Form Direction	Shape	Tool No.	Major	Minor	Angle	Form Direction	Shape
833000	7.5	3.2	90	DOWN	ROUND	7017000	7.0	4.8	90	UP	ROUND
859000	6.0	4.0	90	DOWN	ROUND	7018000	11.4	8.2	90	DOWN	ROUND
868000	6.4	4.8	90	DOWN	ROUND	7019001	6.0	3.8	90	DOWN	ROUND
901000	6.9	3.5	90	DOWN	ROUND	5702000	6.8	3.3	120	UP	ROUND
914000	4.0	2.0	90	DOWN	ROUND	70210001	6.5	3.4	120	DOWN	ROUND
920000	7.4	6.0	90	DOWN	OBROUND	7022	5.9	4.4	90	DOWN	ROUND
929000	6.0	3.3	100	DOWN	ROUND	7023000	7.2	4.4	90	DOWN	ROUND
864000	5.8	3.4	90	DOWN	ROUND	7023001	7.2	4.4	90	DOWN	ROUND
865000	5.8	3.4	90	DOWN	ROUND	7024000	6.3	3.5	120	DOWN	ROUND
7037001	8.4	5.6	90	DOWN	ROUND	7024001	6.3	3.5	120	DOWN	ROUND
7041000	7.0	3.3	120	UP	ROUND	70250001	4.5	3.1	90	DOWN	ROUND
7042000	6.5	3.2	100	DOWN	ROUND	7026000	6.4	3.8	90	UP	ROUND
7042001	6.5	3.2	100	DOWN	ROUND	7027000	8.0	4.8	90	DOWN	ROUND
7045000	5.0	2.6	90	DOWN	ROUND	7029000	11.0	6.2	90	DOWN	ROUND
57045	5.0	2.6	90	DOWN	ROUND	7030000	5.1	3.3	90	DOWN	ROUND
7046001	6.5	3.0	90	DOWN	ROUND	703100	9.0	4.8	90	DOWN	ROUND
70470001	6.5	3.7	90	DOWN	ROUND	70310001	9.0	4.8	90	DOWN	ROUND
7054000	6.2	4.3	90	DOWN	ROUND	7032000	7.0	4.5	90	DOWN	ROUND
70540001	6.2	4.3	90	DOWN	ROUND	70330001	8.5	4.5	90	DOWN	ROUND
7058000	7.0	3.7	90	DOWN	ROUND	7039000	5.2	3.6	90	DOWN	ROUND
7059000	7.0	3.2	90	DOWN	ROUND	7040001	7.0	3.3	120	DOWN	ROUND
7060000	5.3	3.3	90	DOWN	ROUND	7043000	5.3	3.2	90	UP	ROUND
7062000	11.0	5.5	90	DOWN	ROUND	7044001	6.3	3.2	90	DOWN	ROUND
70620001	11.0	5.5	90	DOWN	ROUND	7048000	7.1	4.2	82	DOWN	ROUND
7063000	5.6	4.0	90	DOWN	ROUND	7049000	6.6	3.6	82	DOWN	ROUND
tn7066	6.3	3.4	90	DOWN	ROUND	7050	6.1	3.6	82	DOWN	ROUND
70660001	6.3	3.4	90	DOWN	ROUND	7051000	5.8	3.7	82	DOWN	ROUND
7067000	6.0	3.3	120	DOWN	ROUND	7052000	7.4	4.2	82	DOWN	ROUND
7072000	5.6	3.3	120	DOWN	ROUND	7052001	7.4	4.2	82	DOWN	ROUND
7073000	5.6	3.5	90	UP	ROUND	7053000	6.3	3.5	120	UP	ROUND
7075000	9.2	6.2	90	DOWN	ROUND	7055000	6.3	4.7	90	DOWN	ROUND
7079000	8.1	4.2	120	DOWN	ROUND	7055001	6.3	4.7	90	DOWN	ROUND
7080000	7.0	4.0	90	DOWN	ROUND	7056000	8.0	6.4	90	DOWN	ROUND
7081000	5.5	2.9	90	DOWN	ROUND	7057000	6.1	3.3	120	DOWN	ROUND
7081001	5.5	2.9	90	DOWN	ROUND	7057001	6.1	3.3	120	DOWN	ROUND
7082000	7.2	5.0	90	DOWN	ROUND	7068000	5.5	2.5	90	DOWN	ROUND
7083000	12.0	5.0	120	DOWN	ROUND	7069000	12.5	6.5	90	DOWN	ROUND
7084000	5.5	2.8	90	UP	ROUND	7070000	10.3	5.8	120	DOWN	ROUND
7085000	6.3	4.7	90	UP	ROUND	7074000	4.5	2.5	90	DOWN	ROUND
7086000	8.0	6.4	90	UP	ROUND	70740001	4.5	2.5	90	DOWN	ROUND
7087000	6.1	3.3	120	UP	ROUND	7076001	7.6	4.1	120	DOWN	ROUND
7088000	6.3	3.9	90	DOWN	ROUND	7077000	9.2	7.0	90	DOWN	ROUND
7088001	6.3	3.9	90	DOWN	ROUND	7078000	13.6	10.6	90	DOWN	ROUND
7089000	11.0	7.0	90	DOWN	ROUND	10264	7.8	6.3	90	DOWN	OBROUND
10021	6.0	4.0	90	UP	ROUND	510269	10.4	8.6	90	DOWN	ROUND
10033	5.5	3.2	90	DOWN	ROUND	510276	10.4	8.4	90	UP	ROUND
10035001	5.5	3.7	90	DOWN	ROUND	510285	6.5	3.7	82	DOWN	ROUND
10036	4.5	3.1	90	DOWN	ROUND	510293	10.5	5.2	120	DOWN	ROUND
10099	8.96	4.3	90	DOWN	ROUND	510302	4.8	3.0	90	DOWN	ROUND
10124001	11.5	5.5	90	DOWN	ROUND	510310	8.6	5.0	90	DOWN	ROUND
10129	11.5	5.8	90	UP	ROUND	510314	8.4	6.0	90	DOWN	ROUND
10131	8.6	7.0	90	DOWN	ROUND	510317	6.5	4.1	82	DOWN	ROUND
10131001	8.6	7.0	90	DOWN	ROUND	510321	7.5	4.5	90	DOWN	ROUND
10141	5.4	4.0	90	DOWN	ROUND	510322	9.0	6.0	90	DOWN	ROUND
10161	7.6	4.1	120	UP	ROUND	510323	4.4	2.4	90	DOWN	ROUND
10171	13.0	12.0	90	DOWN	ROUND	13000007	6.6	4.4	90	UP	ROUND
10181	9.4	4.5	90	DOWN	ROUND	13047047	4.7	3.4	90	UP	ROUND
10208	11.5	5.1	120	DOWN	ROUND	13000012	5.4	2.0	90	UP	ROUND
10213	10.5	6.6	100	DOWN	ROUND	13000013	5.4	2.0	90	DOWN	ROUND
10214	9.0	4.8	120	DOWN	ROUND	510329	5.0	3.0	90	DOWN	ROUND
10221000	9.7	4.5	90	UP	ROUND	510337	6.3	3.6	90	DOWN	ROUND
10230	6.6	3.3	120	UP	ROUND	510338	5.7	3.0	90	DOWN	ROUND
10234	10.5	5.5	90	DOWN	ROUND	10184	8.0	3.5	90	DOWN	ROUND
10251	10.4	7.0	90	DOWN	OBROUND	10063	6.5	4.3	90	UP	ROUND
7001001	6.4	3.7	90	DOWN	ROUND	1195000	12.0	7.0	105	DOWN	OBROUND
7003001	4.5	2.7	90	DOWN	ROUND	510357001	7.0	4.2	120	DOWN	ROUND
7004001	8.0	5.2	90	DOWN	ROUND	510358001	7.6	3.3	120	DOWN	ROUND
7007	10.0	5.5	90	DOWN	ROUND	510366001	5.4	3.3	100	DOWN	ROUND
7008000	9.4	5.4	90	DOWN	ROUND	51036700	5.4	3.3	100	UP	ROUND
7008001	9.4	5.4	90	DOWN	ROUND	51036800	5.9	3.7	100	DOWN	ROUND
7010000	5.3	3.3	90	DOWN	ROUND	51036900	5.7	4.0	90	UP	ROUND
7011000	6.4	4.8	90	DOWN	ROUND	510372	6.3	4.1	120	DOWN	ROUND
7012000	8.2	5.2	90	DOWN	ROUND	510389	10.4	6.6	90	DOWN	ROUND
7013001	6.0	3.2	90	DOWN	ROUND	510391	10.0	5.2	120	DOWN	ROUND
7014001	6.0	3.8	90	DOWN	ROUND	510392	10.0	5.2	120	UP	ROUND
7016000	6.0	3.3	120	DOWN	ROUND						

Round Emboss

Tool No.	Dia	Height	Form Direction	Tool No.	Dia	Height	Form Direction
708000	7.7	1.0	UP	1188000	17.00	2.00	UP
765000	22.82	3.70	UP	1190000	18.80	1.60	UP
877000	15.80	1.4	DOWN	1194000	12.17	1.00	UP
879000	12.00	1.0	DOWN	1196000	10.00	4.00	UP
957000	12.00	2.3	UP	13300301	6.00	1.50	UP
958000	41.00	6.0	UP	13400400	12.00	3.00	UP
989000	15.00	1.0	UP	10250	13.00	3.50	UP
10001	10.60	1.5	UP	510253	5.50	4.20	UP
1000500	15.00	3.00	UP	510268	23.00	3.00	UP
1000600	6.00	2.10	UP	51028200	16.13	3.30	UP
10029	44.47	1.00	UP	51029100	19.80	5.40	UP
10030	64.15	1.00	UP	510294	16.00	8.00	UP
10042	28.70	1.30	UP	510304	8.59	1.00	UP
10045	17.00	1.30	UP	510305	8.09	1.00	UP
10047	3.00	0.60	UP	1031000	10.00	1.60	DOWN
10057	21.80	4.00	UP	510311	7.94	2.00	UP
10058	3.20	0.60	UP	1032000	21.00	3.00	UP
10102	34.00	4.00	DOWN	510335	25.00	2.20	UP
10106000	15.00	4.00	DOWN	51034200	12.26	0.50	DOWN
10165	19.90	2.50	DOWN	51034300	12.00	0.65	UP
10172	15.00	1.50	DOWN	51034400	12.80	0.25	UP
10177	19.10	4.50	UP	51034500	12.34	0.75	DOWN
10178	22.80	3.20	UP	51034800	17.00	3.00	UP
10193	2.00	0.30	DOWN	51034900	10.00	5.00	UP
10196000	9.45	1.20	UP	800000	11.00	3.20	UP
10198	21.65	1.50	UP	801000	7.77	1.52	UP
10206	16.00	13.50	UP	871000	20.00	0.80	DOWN
10207	30.00	4.00	UP	790000	12.19	7.62	UP
510253	5.50	4.20	UP	888000	5.00	1.00	UP
1045000	44.00	5.00	UP	961000	20.00	4.00	UP
1046000	12.00	12.00	UP	99333	15.00	2.00	DOWN
1047000	19.00	6.50	UP	99334	15.00	2.00	DOWN
1052000	26.30	7.25	UP	510386	22.85	3.00	UP
1089	25.00	5.00	UP	510387	28.97	7.20	UP
1095000	19.00	2.50	UP	510396	27.60	1.50	UP
1163000	12.00	2.10	UP				

Please contact the FiFab team for emboss drawings as some are dimensioned externally and internally