

## Custom Perforating Capabilities

Webforge Locker has extensive experience in perforating; not only manufacturing stock sheets, but also in providing a customised service. Perforated sheets manufactured to customer specific requirement have endless possibilities. Not only can sheets be made to include borders and fixing holes, punches can be removed within a pattern to create a distinctive look.

Following is a list of the Gang Tool punches Webforge Locker has available to manufacture customised perforated sheets. In addition to this list, a full range of single punch tools are available that can be customised further to your requirements. Speak to your Webforge Locker sales consultant for further details.

Round hole		
Hole Size	Pitch	%Open Area
0.81	1.400	30.36
0.81	1.500	26.45
0.81	2.450	9.91
1.02	1.930	25.33
1.02	3.350	8.41
1.60	2.500	37.00
1.60	2.540	35.99
1.60	3.200	22.67
1.60	4.330	12.40
1.60	4.450	11.72
1.60	4.760	10.25
1.60	5.600	7.40
1.78	2.670	40.31
1.85	2.740	41.34
1.93	2.870	41.01
2.00	3.000	40.00
2.06	3.000	42.76
2.06	3.100	40.00
		40.05
2.06	5.200	14.23
2.06	5.380	13.30
2.38	3.570	40.00
2.38	4.760	20.00
2.41	3.660	39.32
2.41	3.960	33.59
2.41	6.350	13.06
2.41	6.860	11.19
2.41	0.950	4.39
2.44	3.660	40.31
2.51	5.000	22.85

Round hole (cont'd)		
Hole Size	Pitch	%Open Area
2.51	8.650	7.64
3.17	4.760	40.00
		13.40
		jumpover

3.17	5.560	30.00	
3.17	6.350	23.00	
3.17	8.240	13.40	jumpover
		13.00	
3.17	9.630	10.00	
3.17	1.110	8.00	
3.25	4.520	46.89	
3.25	4.780	40.00	
		41.92	
3.25	5.590	30.66	
		30.00	
3.25	6.100	25.74	
		25.70	
3.25	6.350	23.76	
3.25	7.800	15.70	
3.25	8.250	13.40	jumpover
		14.07	
3.25	9.670	10.24	jumpover
		10.00	
3.25	0.580	8.50	jumpover
		8.55	
		8.56	
3.97	4.780	62.56	
3.97	5.590	45.74	
3.97	6.100	38.41	
3.97	6.350	35.45	
3.97	8.280	20.85	

Round hole (cont'd)		
Hole Size	Pitch	%Open Area
3.97	9.700	15.19
3.97	0.550	12.84
3.97	1.000	11.81
4.00	7.000	30.00
4.00	7.620	25.00
4.76	6.350	50.96
4.76	7.140	40.31
4.76	7.920	32.76

4.76	7.940	33.00		9.50	4.760	13.40	
4.76	9.530	23.00		9.53	2.700	51.01	
4.76	0.950	17.00	jumpover	9.53	4.300	40.24	
		17.14		9.53	5.900	32.55	
4.76	0.970	17.07		9.53	9.050	22.67	
4.76	2.400	13.36		9.53	2.000	17.00	
4.76	3.720	10.92	jumpover	9.53	4.800	13.38	
		10.90		9.53	7.500	10.88	
4.80	6.350	51.00		9.53	3.000	7.56	
4.80	6.770	40.00		9.53	2.700	51.07	
4.80	1.000	17.00		9.53	4.270	40.45	
5.00	8.000	30.68				40.00	
5.56	2.700	17.00		9.53	2.000	17.02	
5.60	9.500	32.00		9.53	4.700	13.50	
6.35	7.940	58.00		9.53	4.720	13.50	
6.35	8.500	46.27		10.0	8.000	5.00	
		50.60		11.11	5.240	48.20	60
6.35	8.640	48.99				48.00	
6.35	8.890	46.27				41.00	ON SQR
6.35	9.500	40.00		11.11	6.670	40.00	
6.35	9.530	40.00		11.11	9.050	31.00	
		40.10		11.11	6.400	16.06	
6.35	9.550	40.10		12.0	0.000	33.00	
6.35	1.200	29.15		12.7	7.270	48.04	
6.35	2.700	22.67		12.7	7.300	48.90	
6.35	3.720	19.50		12.7	7.450	48.04	
6.35	4.720	17.00		12.7	7.460	48.00	
6.35	5.000	16.25		12.7	9.050	40.31	
6.35	5.400	15.40				40.00	
6.35	6.500	13.00	jumpover	12.7	2.230	30.00	
		13.43		12.7	5.400	22.67	
6.35	9.400	9.72		12.7	9.900	16.20	jumpover
6.35	2.000	7.56				16.25	
6.35	7.000	2.31		12.7	9.950	16.30	
7.14	9.530	51.00		12.7	0.000	16.20	
7.94	9.530	62.69		12.7	3.000	13.43	
7.94	9.550	62.69		12.7	3.340	13.00	
7.94	2.700	35.45		12.7	2.000	7.18	
7.94	3.000	29.30		12.7	3.990	7.56	
7.94	6.500	21.00		14.27	9.050	50.89	
7.94	2.000	11.81		14.27	3.020	16.94	
8.00	1.110	47.00		14.29	9.000	51.00	
8.00	2.000	40.00		15.87	0.520	54.24	
8.00	2.700	36.00		15.8	5.550	18.07	
8.00	4.000	26.00		15.88	3.800	40.37	
8.00	6.000	23.00					
<b>Round hole (cont'd)</b>							
<b>Hole Size</b>	<b>Pitch</b>	<b>%Open Area</b>					
8.00	9.050	16.00					
8.00	9.240	16.00					
8.73	7.460	23.00					
9.50	2.700	51.00					
		51.07					
9.50	4.300	40.00					
9.50	6.000	32.00					
9.50	9.000	23.00					
9.50	2.000	17.00					

<b>Round hole (cont'd)</b>		
<b>Hole Size</b>	<b>Pitch</b>	<b>%Open Area</b>
15.88	3.810	40.00
17.46	5.400	43.00
19.0	3.800	58.00
19.0	8.600	40.00
19.0	3.000	30.00
19.05	5.400	51.01
		51.00
19.05	6.990	45.00
19.05	2.000	16.15
19.05	4.000	17.00
20.64	1.750	38.00
20.64	2.540	36.00
22.00	7.000	60.00
22.23	8.580	54.87
		55.00
22.23	1.750	45.00
23.81	1.750	51.00
25.4	5.000	48.00
		41.00
25.4	8.100	40.31
25.4	4.450	25.66
		26.00
		25.65
25.4	6.000	13.43
27.0	5.000	46.74
28.58	1.280	44.00
30.0	8.000	49.00
30.0	0.000	44.18
31.75	1.270	54.00
31.75	2.900	50.00
33.32	7.150	26.70
33.34	9.210	42.00
34.93	7.630	49.00
38.1	7.150	40.00
38.1	8.900	17.00
46.04	7.150	59.00
46.05	7.150	50.99
50.0	5.000	46.47
50.0	0.000	40.07

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<b>Acoustic</b>		
<b>Hole Size</b>	<b>Pitch</b>	<b>%Open Area</b>
2.38	6.740	11.00
2.41	6.735	10.06

<b>Square Hole on Diagonal</b>		
<b>Hole Size</b>	<b>Pitch</b>	<b>%Open Area</b>
5.56	2.700	19.00
		19.17

onsqr

<b>Square Hole</b>		
<b>Hole Size</b>	<b>Pitch</b>	<b>%Open Area</b>
2.00	6.000	11.10
3.17	5.950	29.00
3.18	4.780	44.26
3.18	6.350	25.08
4.76	6.350	56.00
4.76	7.000	46.24
4.76	7.940	36.00
4.76	0.000	22.00
5.00	2.600	15.75
5.00	6.000	9.77
5.56	6.750	67.85
6.35	7.620	69.44
6.35	6.700	14.46
7.94	1.110	51.08
		51.00
8.00	1.000	53.00
8.00	2.000	45.00
8.00	4.000	11.00
8.73	7.460	25.00
9.50	6.000	35.00
9.50	4.760	15.00
11.11	5.880	48.95
11.1	6.670	44.00
12.7	6.000	63.00
12.7	7.460	53.00
12.7	9.050	44.00
12.7	5.400	25.00
13.89	9.050	53.00
14.29	0.640	48.00
15.5	9.000	66.55
15.5	5.900	35.82
15.88	3.810	45.00
		44.00
19.0	5.000	58.00
19.05	6.990	50.00
19.05	1.750	36.00
20.0	0.000	44.44
20.0	5.000	33.00
20.64	8.580	52.00
22.23	8.580	61.00
		60.00
22.4	8.900	60.00
25.0	0.000	25.00
28.58	4.850	67.00
30.0	5.000	44.44
30.16	1.280	24.00
32.0	2.000	58.00
35.0	0.000	25.00
38.0	6.000	25.00
50.0	0.000	69.00
50.0	9.000	53.00

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<b>Hexagonal Hole</b>		
<b>Hole Size</b>	<b>Pitch</b>	<b>%Open Area</b>
9.53	1.890	64.24
12.7	5.880	64.00
12.7	9.000	45.00
15.08	7.150	77.32
15.88	0.620	59.00
23.81	2.000	55.00
25.4	1.750	64.00

<b>Round End Slots</b>		
<b>Hole Size</b>	<b>Pitch</b>	<b>%Open Area</b>
12.7	x2.38	23.00
12.7	x3.17	21.00
13.0	x3.00	28.00
17.5	x6.35	33.83
19.0	x3.00	41.72
		42.00
19.05	x4.76	30.00
19.05	x6.35	28.00
20.0	x1.80	28.24
20.0	x3.00	39.00
20.0	x5.00	37.85
		38.00
20.32	x7.62	37.00
20.32	x7.92	38.27
25.0	x2.00	16.22
25.0	x5.00	47.00
25.4	x2.00	30.00
25.4	x2.36	35.07
25.4	x2.38	36.00
25.4	x3.97	33.69
25.4	x4.76	40.00
25.4	x5.97	30.18
25.4	x6.35	42.99
		38.00
25.4	11.90	51.00
25.91	x1.78	30.00
31.75	x3.00	39.00
31.75	x4.76	35.00
31.75	x6.35	24.00
31.75	19.05	14.00
38.1	x2.50	40.78
38.1	x9.52	49.00
38.1	12.70	47.60
40.0	16.00	34.00
50.8	x9.53	52.67
75.0	x8.00	25.00

<b>Square End Slots</b>		
<b>Hole Size</b>	<b>Pitch</b>	<b>%Open Area</b>
10.0	x1.00	28.00
12.7	x2.00	22.04
22.2	x9.50	44.63
25.4	x2.00	30.48
25.4	x2.11	32.21
25.91	x1.50	12.58
25.91	x1.78	12.73
		30.00
25.91	x2.11	15.24
25.91	x2.36	17.17
30.00	x5.00	43.00
31.75	x6.35	43.24
		45.00
31.75	12.70	30.00
50.80	x7.94	23.01

slot a  
slot e

slot a  
slot e

<b>Fancy Type 1</b>		
<b>Hole Size</b>	<b>Pitch</b>	<b>%Open Area</b>
9.60	15.240	36.00

<b>Fancy Type 20</b>		
<b>Hole Size</b>	<b>Pitch</b>	<b>%Open Area</b>
40.84	55.580	19.00

<b>Safe T Perf 14</b>		
<b>Hole Size</b>	<b>Pitch</b>	<b>%Open Area</b>
23.0	38.100	13.00