



108G Station Road, Otahuhu, Auckland 1062
 PO Box 13744, Onehunga, Auckland 1643, New Zealand

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ROUND PUNCH				
SIZE	#2	#4	#831 #5	#840 #6
30.0				
30.5				
31.0				
31.5				
32.0				
32.5				
33.0				
33.5				
34.0				
34.5				
35.0				
35.5				
36.0				
36.5				
37.0				
37.5				
38.0				
38.5				
39.0				
39.5				
40.0				
41.0				
42.0				

ROUND DIE reference to material thickness							
1-4mm MS THICK				5-9mm MS THICK			
#2	#3 #5	#8	#10	#2	#3 #5	#8	#10
	30.2	30.2	30.2		30.7	30.7	30.7
	30.7				31.2		
	31.2	31.2	31.2		31.7	31.7	31.7
	31.7				32.2		
	32.2	32.2	32.2		32.7	32.7	32.7
	32.7				33.2		
	33.2	33.2	33.2		33.7	33.7	33.7
	33.7				34.2		
	34.2	34.2	34.2			34.7	34.7
		35.2	35.2			35.7	35.7
		36.2	36.2			36.7	36.7
		37.2	37.2			37.7	37.7
		38.2	38.2			38.7	38.7
		39.2	39.2			39.7	39.7
		40.2	40.2			40.7	40.7
		41.2	41.2				41.7
		42.2	42.2				

OBLONG PUNCH (SLOTTED)				
SIZE	#2	#4	#831 #5	#840 #6
5X10				
5X15				
6X12				
6X20				
6X27				
7x10				
7X12				
7X14				
7X20				
7x21				
7X27				
7x28				
8X10				
8X15				
8X20				
8x21				
8X22				
8X24				
8X27				
8x28				
8x36				
9X11				
9X13				
9X20				

OBLONG DIE reference to material thickness							
1-4mm MS THICK				5-9mm MS THICK			
#2	#3 #5	#8	#10	#2	#3 #5	#8	#10
	5.2x10.2						
	5.2x15.2				5.7x10.7		
	6.2x12.2						
					6.7x27.7		
	7.2x10.2				7.7x10.7		
	7.2x12.2						
					7.7x14.7		
	7.2x20.2			7.7x20.7	7.7x20.7		
	7.2x21.2				7.7x21.7		
					7.7x27.7		
	7.2x28.2				7.7x28.7		
	8.2x15.2				8.7x10.7		
					8.7x15.7		
				8.7x20.7	8.7x20.7		
	8.2x21.2				8.7x21.7		
					8.7x22.7		
					8.7x24.7		
	8.2x27.2				8.7x27.7		
	8.2x28.2				8.7x28.7		
						8.7x36.7	
				9.7x11.7	9.7x11.7		
					9.7x20.7		



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OBLONG PUNCH (SLOTTED)					OBLONG DIE reference to material thickness								
SIZE	#2	#4	#831 #5	#840 #6	1-4mm MS THICK				5-9mm MS THICK				
					#2	#3 #5	#8	#10	#2	#3 #5	#8	#10	
9x21						9.2x21.2					9.7x21.7		
9x22											9.7x22.7		
9x27						9.2x27.2				9.7x27.7	9.7x27.7		
9x28											9.7x28.7		
9x32												9.7x32.7	
9x37							9.2x37.2					9.7x37.7	
10x14						10.2x14.2							
10x15											10.7x15.7		
10x20										10.7x20.7	10.7x20.7		
10x21											10.7x21.7		
10x22						10.2x22.2					10.7x22.7		
10x25											10.7x25.7		
10x27						10.2x27.2				10.7x27.7	10.7x27.7		
10x28											10.7x28.7		
10x30											10.7x30.7		
11x14										11.7x14.7	11.7x14.7		
11x15										11.7x15.7	11.7x15.7		
11x16											11.7x16.7		
11x20						11.2x20.2					11.7x20.7		
11x21						11.2x21.2					11.7x21.7		
11x23											11.7x23.7		
11x25											11.7x25.7		
11x27						11.2x27.2					11.7x27.7		
11x28						11.2x28.2					11.7x28.7		
11x31											11.7x31.7		
12x14											12.7x14.7		
12x15											12.7x15.7		
12x20						12.2x20.2					12.7x20.7		
12x21						12.2x21.2					12.7x21.7		
12x22											12.7x22.7		
12x24											12.7x24.7		
12x25											12.7x25.7		
12x27						12.2x27.2					12.7x27.7		
12x28						12.2x28.2					12.7x28.7		
12x30											12.7x30.7		
12x32						12.2x32.2					12.7x32.7	12.7x32.7	
13x20						13.2x20.2				13.7x20.7	13.7x20.7		
13x21						13.2x21.2					13.7x21.7		
13x23						13.2x23.2							
13x25													
13x26						13.2x26.2							
13x27						13.2x27.2	13.2x27.2			13.7x27.7	13.7x27.7		
13x28						13.2x28.2					13.7x28.7		
13x31						13.2x31.2					13.7x31.7		
13x33						13.2x33.2							
14x18						14.2x18.2							
14x20						14.2x20.2				14.7x20.7	14.7x20.7		
14x21						14.2x21.2	14.2x21.2				14.7x21.7		
14x22						14.2x22.2							
14x23						14.2x23.2							
14x25						14.2x25.2							
14x27										14.7x27.7	14.7x27.7		
14x28						14.2x28.2	14.2x28.2				14.7x28.7		
14x30						14.2x30.2					14.7x30.7		



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OBLONG PUNCH (SLOTTED)					OBLONG DIE reference to material thickness									
SIZE	#2	#4	#831 #5	#840 #6	1-4mm MS THICK				5-9mm MS THICK					
					#2	#3 #5	#8	#10	#2	#3 #5	#8	#10		
14x31														
14X32							14.2x32.2					14.7x31.7		
14X34												14.7x32.7	14.7x32.7	
14X38													14.7x34.7	
14X40													14.7x40.7	
15x20							15.2x20.2					15.7x20.7		
15x21							15.2x21.2							
15X22												15.7x22.7		
15x26							15.2x26.2							
15X27												15.7x27.7		
15X28							15.2x28.2	15.2x28.2				15.7x28.7		
15x29												15.7x29.7		
15X31							15.2x31.2					15.7x31.7		
15x32							15.2x32.2	15.2x32.2						
15x33							15.2x33.2	15.2x33.2						
16X20							16.2x20.2					16.7x20.7		
16x21							16.2x21.2					16.7x21.7		
16x25							16.2x25.2							
16X27												16.7x27.7		
16x28							16.2x28.2					16.7x28.7		
16X40														
17x20							17.2x20.2					17.7x20.7		
17x21							17.2x21.2					17.7x21.7		
17X22												17.7x22.7		
17x27												17.7x27.7		
17X28							17.2x28.2	17.2x28.2				17.7x28.7		
17X31												17.7x31.7		
17x41								17.2x41.2						
18X20							18.2x20.2				18.7x20.7			
18X21							18.2x21.2					18.2x21.7		
18X22							18.2x22.2					18.7x22.7		
18X23							18.2x23.2					18.7x23.7		
18X25												18.7x25.7		
18x26							18.2x26.2							
18X27							18.2x27.2				18.7x27.7	18.7x27.7		
18x28												18.7x28.7		
18x29												18.7x29.7		
18X30											18.7x30.7	18.7x30.7		
18X31												18.7x31.7		
18X32							18.2x32.2					18.7x32.7	18.7x32.7	
18X38													18.7x38.7	
19x21							19.2x21.2					19.7x21.7		
19x22								19.2x22.2						
19x23							19.2x23.2							
19x24							19.2x24.2							
19X28							19.2x28.2					19.7x28.7		
19X31							19.2x31.2					19.7x31.7		
19x32							19.2x32.2							
19x33								19.2x33.2						
19X40													19.7x40.7	
20X25							20.2x25.2							
20x26							20.2x26.2							
20x27														
20x28												20.7x28.7		



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SQUARE PUNCH					SQUARE DIE reference to material thickness									
SIZE	#2	#4	#831 #5	#840 #6	1-4mm MS THICK				5-9mm MS THICK					
					#2	#3 #5	#8	#10	#2	#3 #5	#8	#10		
8.0														
8.5											8.7			
9.0							9.2				9.7			
9.5														
10.0											10.7			
10.5														
11.0											11.7			
11.5														
12.0						12.2					12.7			
12.5														
13.0							13.2				13.7			
13.5														
14.0														
14.5														
15.0							15.2							
15.5														
16.0							16.2				16.7			
16.5														
17.0														
17.5														
18.0											18.7			
18.5														
19.0							19.2							
19.5														
20.0									20.2		20.7			
20.5														
21.0														
21.5														
22.0								22.2						
22.5														
23.0									23.2					
23.5														
24.0									24.2					
24.5														
25.0														

current product / on stock

made to order product

DIE CLEARANCE AVAILABLE = 0.2 , 0.7 or 1.2 mm
 RECOMMENDED CLEARANCES

MATERIAL THICKNESS	CLEARANCE
1 - 4 mm	0.2
5 - 9 mm	0.7
10 - 14 mm	1.2
15 - 19 mm	1.7
20 - 25 mm	2.2

example:
 Ø 16mm punch for 10mm thick MS requires a 1.2mm clearance
 die to be $\text{Ø}16.0 + 1.2 = \text{Ø}17.2 \text{ mm}$

DIE SIZE

OD	#2	#3 / #5	#8	#10
46				
50				
60				
73				

DIE ADAPTOR

SIZE	OD (mm)	ID (mm)
#5 - #8	60	50
#5 - #10	73	50
#8 - #10	73	60