

Diamond Standard

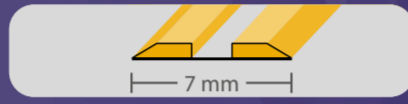
Channel Height (mm)		0.3	0.4	0.5	0.6	0.7	0.8	1	1.2
Channel Width	0.6	0.6	0.7	1.0	1.5	1.7	2.3	4.0	
	0.7	0.7	0.8	1.1	1.6	1.9	2.5	4.5	
	0.8	0.8	1.0	1.2	1.7	2.1	2.7	5.0	
	1.0	1.0	1.1	1.2	1.9	2.3	3.0		
	1.1	1.1	1.2	1.4	2.1	2.5	3.2		
	1.2	1.2	1.3	1.5	2.3	2.7	3.5		
	1.3	1.3	1.4	1.6	2.5	3.0	4.0		
	1.4	1.4	1.5	1.7	2.7	3.2	4.5		
	1.5	1.5	1.6	1.9	3.0	3.5	5.0		
	1.6	1.6	1.7	2.1	3.2	4.0	6.0		
	1.7	1.7	1.9	2.3	3.5	4.5			
			1.9	2.1	2.5	4.0	5.0		
				2.3	2.7		6.0		
				2.5	3.0				
				2.7	3.2				
					3.5				
					4.0				



Standard polymer-based creasing matrix. Creasing matrices are available in 750 mm lengths.

Diamond Mini

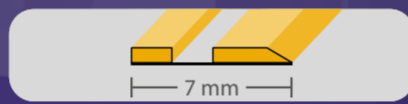
Channel Height (mm)		0.3	0.4	0.5	0.6	0.7	0.8
Channel Width	0.8	0.8	0.8	1.0	1.9	2.7	
	1.0	1.0	1.0	1.3	2.1		
	1.2	1.1	1.1	1.5	2.3		
	1.3	1.2	1.2	1.7			
	1.5	1.2	1.2	1.9			
		1.4	1.4	2.1			
		1.5	1.5				
		1.7	1.7				
		1.9	1.9				



When small distances between cutting and creasing rule are required. This is the ideal creasing system to use, suitable for small folding cartons.

Diamond Off Centre

Channel Height (mm)		0.3	0.4	0.5	0.6	0.7	0.8	1
Channel Width	0.8	1.0	1.0	1.5	2.3	2.3	3.0	
	1.0	1.1	1.2	1.7	2.5	2.5		
	1.2	1.2	1.3	1.9	2.7	2.7		
	1.3	1.3	1.5	2.1		3.0		
	1.5	1.5	1.7	2.3				
		1.7	1.9	2.5				
			2.1	2.7				
			2.7					



The special creasing system for double creasing with small distances between the creasing rules.

Diamond Contoured

Channel Height (mm)		0.5	0.6	0.7	0.8	1
Channel Width	3.0	2.1	2.3	2.5	2.7	
		2.3	2.5	2.7	3.0	
		2.5	2.7	3.0	3.2	
		2.7		3.2	3.5	
		3.0		3.5	4.0	
				4.0	4.5	
					5.0	
					6.0	



Creasing system for products made from corrugated board. Inside chamfering reduces tensile stress and helps avoid cracking of the surface of the material.

Diamond Corrugate

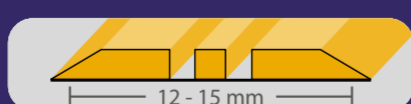
Channel Height (mm)		0.6	0.7	0.8	1
Channel Width	2.3	2.3	2.3	2.7	
	2.5	2.5	2.5	3.0	
	3.0		2.7	3.5	
	3.5		3.0	4.0	
	4.0		3.2	5.0	
	5.0		3.5	6.0	
	6.0		4.0		
			5.0		



Special product for corrugated board requiring the highest quality. Enhanced bevelling avoids degradation on the surface.

Doubles

Channel Height (mm)		0.40	0.45	0.50
Channel Width	1.0	1.0	1.0	
	1.2	1.2	1.2	
	1.3	1.3	1.3	
	1.5	1.5	1.5	
Space Between Crease Centres	3.0	3.0	3.0	
	3.5	3.5	3.5	
	4.0	4.0	4.0	
	4.5	4.5	4.5	
	5.0	5.0	5.0	



Unique to ManMat Long life double matrix.

Size Chart

Using this chart

1. Channel width should be $(1.5 \times \text{board thickness}) + \text{creasing rule thickness}$
2. Creasing rule height should be $\text{cutting rule height} - \text{board thickness} - \text{constant base allowance of } 0.15\text{mm}$
3. While every effort has been made to ensure the accuracy of this chart, always double check calculations before ordering. Real-world application can vary because of other factors including relative humidity, temperature and board condition.

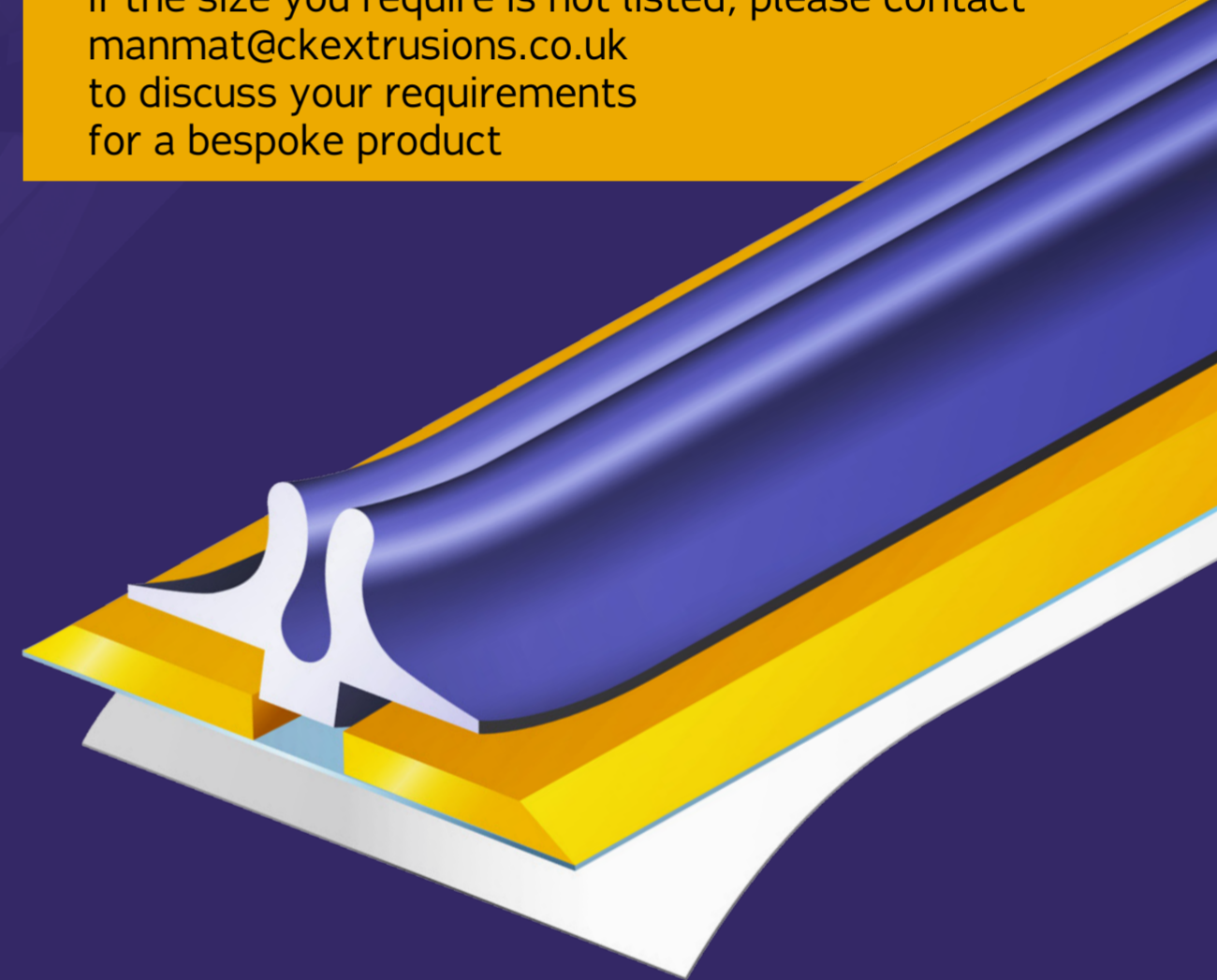
Choosing the correct size use our mobile-friendly website manmat.com/calculator/



Diamond Custom only at ManMat

Custom: Height / Width

If the size you require is not listed, please contact manmat@ckextrusions.co.uk to discuss your requirements for a bespoke product



DIAMOND

Durable and customisable Polymer Matrix

Product Information

MAN MAT
C&K Extrusions Ltd.
12 Drayton Road
Tonbridge
TN9 2BE
United Kingdom

t: +44 1732 369698
f: +44 1732 771009
e: manmat@ckextrusions.co.uk

manmat.com

