



# Knight Group

# Edge Finishing

## Edge-Dressing: Cutting Risks and Cutting Costs

During the production process of strip and coil, the material develops a sharp edge, commonly referred to as a burr. This sharp edge has both safety and manufacturing implications, as it poses a health and safety hazard and the material can be more difficult to work with, increasing manufacturing time and ultimately costs.

The Knight Group offers manufacturers the flexibility to choose the processing that meets your needs and we can supply material edge-dressed to your specifications, whether it is the commonly requested rounded or square edge shapes or you need a contoured edge shape tailored specifically to you. We design and use Bespoke Tungsten Carbide Tooling to meet the most exacting custom edge requirements on precision strip.

With the heavy investment in our bespoke machinery and a wealth of experience in our team, our machines can offer precision processing in high volumes, with fast turnaround times.



Edge Dressing				
Edge Type	Width Range		Thickness Range	
	mm	inches	mm	inches
De-burred Safe	4.5 - 110	0.18 - 4.33	0.15 - 3.0	0.006 - 0.118
Fully Rounded	4.5 - 110	0.18 - 4.33	0.15 - 2.0	0.006 - 0.080
Dressed Square	7.0 - 80	0.28 - 3.15	0.15 - 2.0	0.006 - 0.080
Chamfered	10.0 - 80	0.39 - 3.15	0.30 - 2.0	0.012 - 0.080
Rolled Round	8.0 - 75	0.32 - 2.95	0.80 - 3.50	0.032 - 0.138

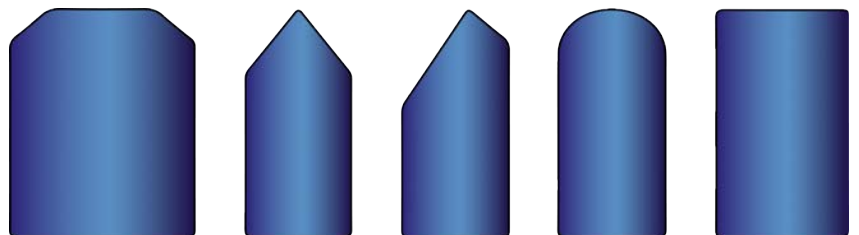
## 5 Edge Finishing Lines

**Bespoke Tungsten Carbide Tooling**

**Simple de-burring  
Rounded Edges  
Chamfered Edges  
Square Edges**

**Available in:  
Pancake Coils or Spools**

Edge Profiling Size Range						
Size Range	Profiling (Metal Removal)		Edge Rolling		Roll Deburring	
	mm	inches	mm	inches	mm	inches
<b>Thickness</b>	0.1 - 3.0	0.004 - 0.12	1.2 - 4.0	0.05 - 0.16	0.2 - 2.0	0.008 - 0.08
<b>Width</b>	3.0 - 80.0	0.12 - 3.15	8.0 - 80.0	0.32 - 3.15	3.0 - 600	0.12 - 23.62
<b>Coil Types</b>	Pancake, Open Traverse, Spool Wound		Pancake		Pancake	



**Typical Edge Profiles**

