

# PLANAR CUTTING PADS

## Long Life, Clean Cuts

Introducing Hudson Cutting Solutions PLANAR engineered cutting pads. Manufactured in Germany using a process specifically designed to relieve the stresses which cause bowing in extruded cutting pads. Hudson pads are manufactured to increase the life of your cutting dies by maintaining planar surfaces throughout the life of the pad\*. Hardness is more than skin deep - as a matter of fact it goes all the way through - meaning they can be re-surfaced, greatly extending the life of the pad. PLANAR cutting pads - an engineered solution for more efficient and cost effective die cutting

### ULTIMATE QUALITY

- ▶ Highest quality available
- ▶ High impact strength
- ▶ Constant & consistent hardness
- ▶ Stress relieved to resist bowing
- ▶ Long service life
- ▶ No chipping or crumbling
- ▶ Increases die life
- ▶ Guaranteed to perform

### HUDSON DEPENDABILITY

- ▶ Dedicated staff serving your needs
- ▶ Quick response to orders
- ▶ Large inventory for immediate shipping
- ▶ Technical support
- ▶ Different Shore D hardness options to meet your cutting needs

### RELIABILITY, SERVICE, & FEATURES

- ▶ Pads can be cut to custom sizes
- ▶ Pad planing service
- ▶ Quality mounting of pads to Finnish Birch
- ▶ Different thicknesses
- ▶ Composition rubber & conductive pads
- ▶ Double sided tape

# CUTTING PAD TIPS

\*KEEP YOUR CUTTING PADS WORKING LONGER

## 1. Distribute cutting impressions over the entire pad surface

- ▶ If all cutting wear is concentrated in one central area, the life of the pad is greatly reduced. Unused material will be removed when resurfacing the pad.

## 2. If possible rotate the pad regularly

- ▶ Rotating the pad will encourage a greater distribution of wear.

## 3. Store cutting pads flat and supported

- ▶ Leaning pads up against a wall can lead to bowing.
- ▶ Warm weather can lead to distorted pads if stored upright or on uneven surfaces
- ▶ Storing on uneven surfaces may lead to uneven cutting pads

## 4. Pads should be uniformly thick across their entire surface

- ▶ Pads that aren't uniform will lead to over penetration at their thickest part
- ▶ Tapered pads can lead to more waste and premature resurfacing

## 5. Use the correct pad for the job

- ▶ Use the correct pad for the material that is being cut. Most materials can cut well on the various polypropylene cutting pads, such as leather, paper, plastic, and fabrics. Nylon and some man made materials however will require nylon cutting surfaces.

## 6. Don't use too hard of a material for your cutting pad

- ▶ Overly hard surfaces will demand a higher pressure to make the cut – leading to higher required tonnages, and premature wear of the cutting die.

***Still not sure what you need? Give us a call, we're happy to provide tips and advice to help you find the best solution for your projects.***

This company reserves the right to supply products that may differ slightly from those described in this publication.



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