

Datum Laser PhD - Developing Innovation



Datum Alloys is pleased to introduce an expansion to its current range of Stencil Grade Stainless Steel. The new material has been designed to enhance the cutting properties of their PhD and increase the longevity of the stencil's lifespan. Its increased hardness coupled with its ability to cut finer cleaner apertures means that this new material delivers major benefits to the laser industry.

When looking to increase its offering to the stencil manufacturing industry Datum Alloys wanted to offer an improved steel to its already popular PhD giving its clients the opportunity to utilise the best material for their process.

Datum Alloys continues to bring benefits to the market and, with this latest development customers can ask for the product suited to their process knowing Datum Alloys have applied their 15 years of experience making sure you get the right product.

Features of Laser PhD

- Flatter • Harder Surface • Reduced edge wave • Uniform grain structure • Lower impurity levels

Advantages of Laser PhD

- Flatter stencils allows for more accurate printing • Even harder surface gives a more durable stencil • Uniform grain allows for higher stress relaxation properties • Grain structure also contributes to smoother aperture walls • Reduced edge wave gives flatter central flatness for increased accuracy when printing.

Benefits of Laser PhD

- More uniform grain structure will improve registration and print accuracy • Increase in surface hardness will increase Mean.Time.Between.Change • Finer grain structure will give better results from Electropolishing.

Available Thickness: 0.08 through to 0.30

Material Width: 610 mm

Tolerances: Thickness, +/- 5% Width, +/- 0.5mm Length, +/- 0.5mm

Delivery Format: Cut-to-length sheet or coil

Identification: Every sheet / coil inkjet printed with dimensions + unique tracking number and any other information you may require

Inspection: 100% inspection of material during processing guaranteed

Delivery: Same day dispatch

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www.datumalloys.com