



SPHEROTENE®

Technogénia's unique and innovative Tungsten Carbide "Spérotène®" consists of spherical particles of extreme hardness: $3000\text{VH} \pm 500$ (VH = Vickers Hardness). These carbides feature in all Technogenia alloys and can be applied by lasercladding or autogene welding. Parts can also be casted in this alloy through Technocasting®.

TECHNODUR® / TECHNOSPHERE®

The need to protect your wear parts differs depending upon the way they are used, their fields of application and level of wear.

The Technodur® and Technosphère® ranges offer the complete answer, being specially adapted to your abrasion problems. These alloys have been proven highly effective in the oil and gas industry.



RIJDAM HARDFACING

Oil and gas

About us:

Rijdam is located in the Netherlands, near the world's second largest harbour area, Rotterdam. This location has allowed us to provide many years of quality craftsmanship and customer service in the provision of hard facing services and hard facing materials to the oil and gas industry. Rijdam is exclusive distributor of Technogenia in the Netherlands and Belgium, and distributor of different other brands and wear material manufacturers, and offers a full service workshop in the Netherlands. We rarely find an instance where we can not provide cost savings and provide quality materials for our clients.

On this flyer you will find some examples of our work we have completed for multiple oil and gas companies in the Netherlands and Belgium.

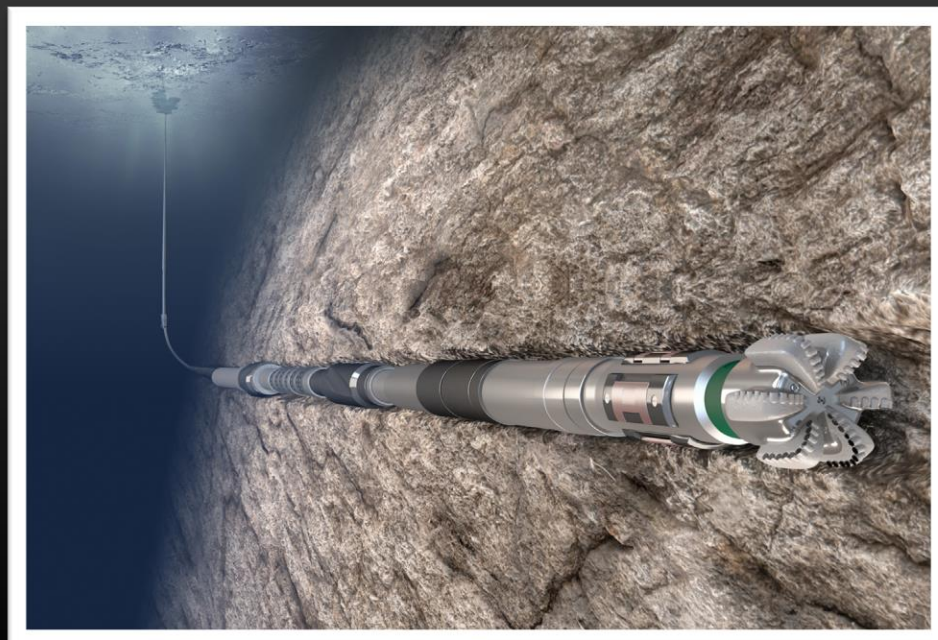
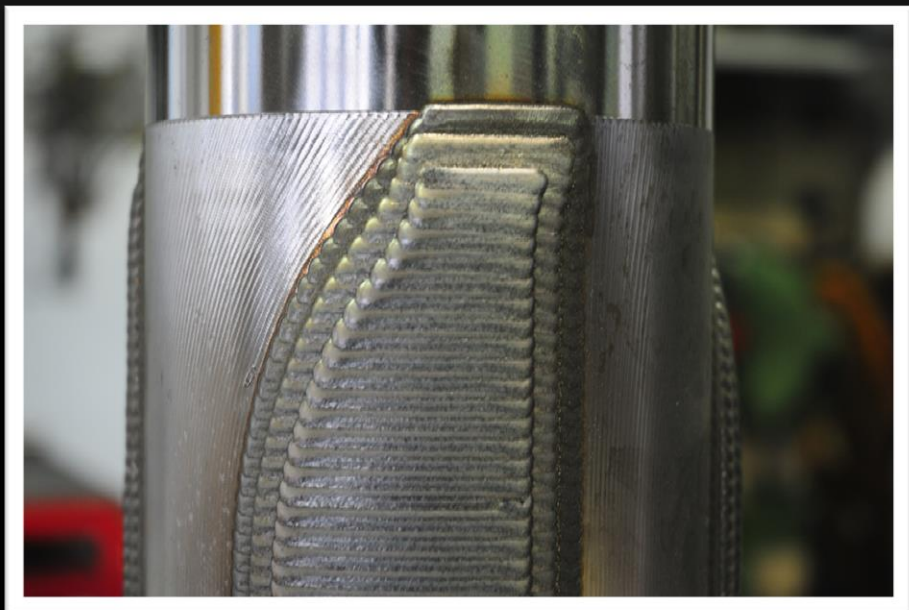
Sincerely,
Rijdam

For all your enquiries, please feel free to contact us!
T:+31 85 210 01 10 @: info@rijdam.nl



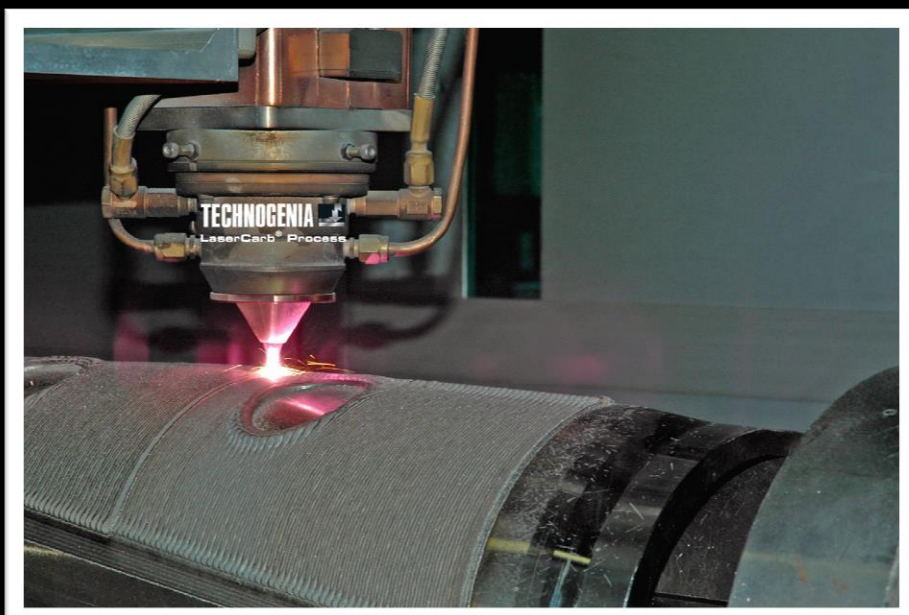
Rijdam Handelmaatschappij BV, Hoogeveeneweg 211
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Users and manufacturers of drilling equipment seek to protect their tools with ultra-high-performance hardfacing materials that are easy to use and ensure outstanding abrasion resistance under extreme conditions.



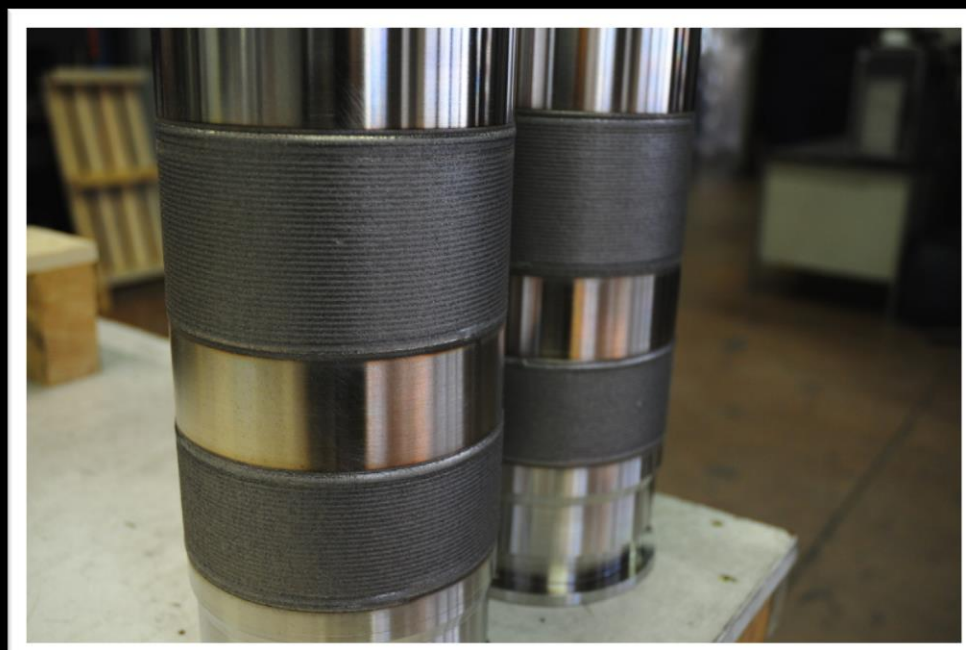
Technodur, Technosphere and Lasercarb are ground to achieve exact size. This operation is simplified with the Lasercarb process, which yields an extremely close deposit and any grinding required to finish is minimal.

RIJDAM HARDFACING *Oil and gas*

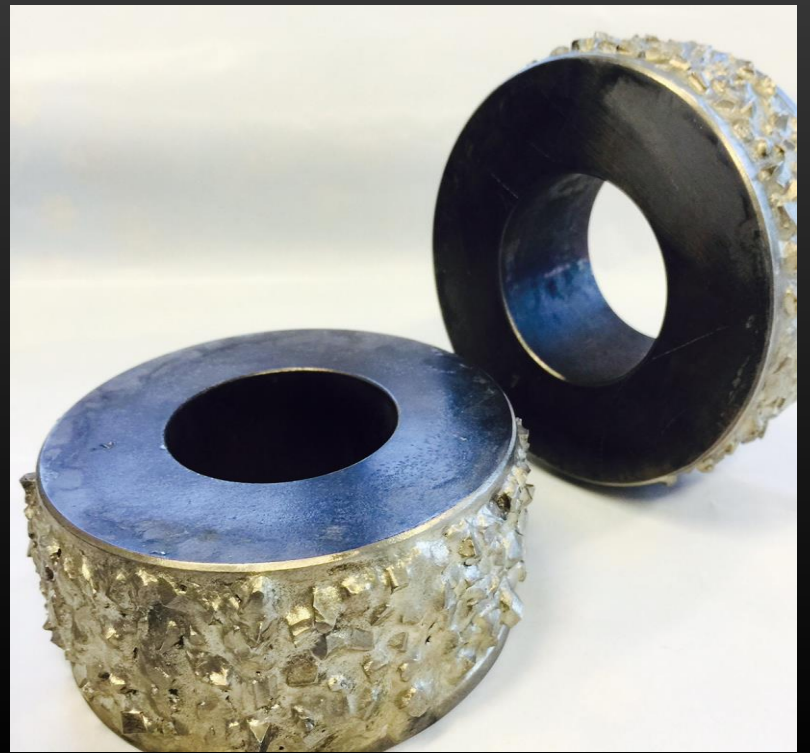


Technocasting :
The Technocasting process is recommended for internal protective coatings.

Lasercarb :
Non-magnetic steel parts: the Lasercarb process is particularly recommended for protecting stabilizers and other drilling tools made of non-magnetic steel. Coating thicknesses: 0,5 to 3 mm.



Rijdam specializes in improving durability of machine parts and tools. Sometimes it is a challenge to create the right fit between alloy and tool purpose.



We excel in providing the right solution, even when the application is very specific. For example; these tungsten carbides are processed to produce high quality angled fragments.

RIJDAM HARDFACING *Cutting*



A range of sizes are blended to optimize packing density when laid and laying characteristics when combined with high strength nickel bronze brazing alloy (100,000 PSI). The rough tungsten carbides in the special tough matrix form an extremely hard and sharp surface. Which is well suited for *drilling, sawing of hard materials like steel and fishing.*



How can we help you?

