



## GROUP PROFILE

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# Tuned Synergy FOR



# THE BEST

KNOWLEDGE



TECHNOLOGY

## “WE KNOW-HOW TO SHAPE YOUR NEEDS”

Our mission is to exceed the expectations of our customers, turning complexity into simplicity, working side by side to convert problems into opportunities.

In a world of increasing challenges, we strive to give our customers a strong sense of security.



CO-DESIGN  
CO-ENGINEERING



# 1

## SINTERED HARDMETAL PRODUCTION



www.filmshm.it

FILMS produces special anti-wear parts in hardmetal, with the entire manufacturing process: powder mixing and granulation, forming, sintering and grinding, all conducted within the factory.



OMCD's R&D laboratory is also located inside the FILMS plant, with a team of skilled technicians researching to improve grades performance as well as ensuring production quality. Co-design is key for tailoring technical solutions based on customer's needs and optimizing product performance.

- FOOD AND CANNING INDUSTRY
- CUTTING AND BROACHING
- HEAVY CLAY EXTRUSION
- SANDBLASTING AND PAINTING
- TOOLS
- CERAMICS INDUSTRY
- COLD FORMING
- WOOD WORKING
- WIRE INDUSTRY
- OIL AND GAS
- STONE WORKING AND EXCAVATION, DRILLING AND BUILDING
- MECHANICAL SEALS



www.scleros.it

SCLEROS manufactures precision hardmetal components. Thanks to the use of high technology machinery, we are capable of producing polished complex shapes with precise dimensional tolerances.



With more than 60 years of experience, Scleros provides outstanding technical solutions with short delivery times.

- PIPE AND BAR DRAWING
- COLD FORMING
- "SPECIAL" PRECISION MECHANICAL EQUIPMENT
- BOLTS AND SCREWS
- FOOD AND STORAGE



# Tuned Synergy FOR THE BEST

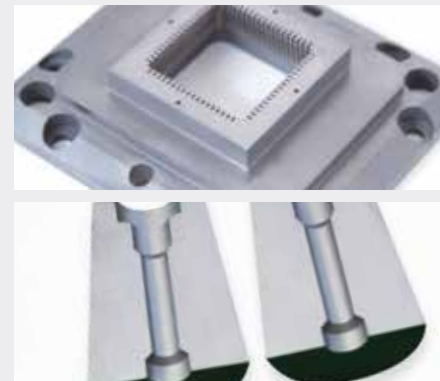


www.harditalia.com

HARDITALIA produces sintered hardmetal inserts and anti-wear blanks running the whole sintering process internally.

Thanks to our know-how and the internal toolshop, we are able to press complex parts with tight tolerances. Harditalia also owns a CVD Reactor for coating.

We strive to have the shortest development time possible to turn ideas into reality, focusing on the "Just in Time" methodology.



- STONE WORKING
- NOZZLES
- TOOLS AND KNIVES FOR WOOD MACHINING
- PUNCHES AND MOULDS FOR SHEARING AND BENDING
- BUSHES AND DIE NIBS
- DISCS
- DIE BLANKS FOR WIRE DRAWING
- BLANKS FOR ISO INSERTS
- RODS
- BARS



www.harditalia.com

DIAMIL produces inserts for the iron and steel industry as a trademark of Harditalia.

Technical expertise, customer support and flexibility is what makes us a unique brand in the market.



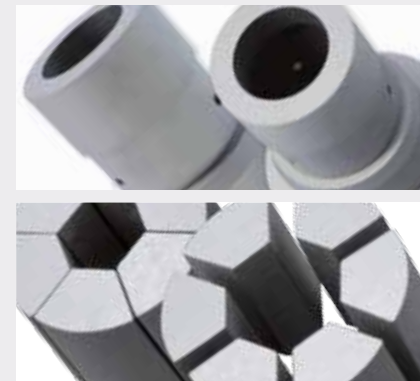
- HEAVY TURNING INSERTS
- BAR PEELING
- TUBE SCARFING



www.hardymetalurgica.com.br

HARDY METALÚRGICA manufactures hardmetal components for the South American market, from powder mixing to sintering.

Technical and production expertise as well as location provide us with an extra advantage.



- HARDMETAL BUSHES AND SEGMENTS
- DIE CORES
- JET NOZZLES
- STEP DRILLS (WITH OR WITHOUT REFRIGERATION) AND PREFORMS
- RECTANGULAR AND SQUARE BARS



www.celsia.it

CELSIA produces sintered tungsten copper components and brazing alloys using sintering and infiltration, mechanical finishings and electron beam welding.

Co-design and high quality are the key factors leading towards the brand's success.



- ELECTRICAL CONTACTS
- SINTERED PARTS
- BRAZING ALLOYS

# 2

## TUNGSTEN AND SILVER BASED PRODUCTION

## THE OMCD GROUP

We first entered the sintered based tungsten market in 1948, since then we have been working hard to develop and broaden our skills and expertise.

Our advanced technology enables us to control the entire production process, from refining minerals to the micro-finishing operation.

Thanks to the knowledge and the stable ownership of the Tedeschi family, we are proud to be an independent player in the global market.

We are highly motivated to meet any challenge the market presents, with a mission of fulfilling all customer expectations.

Our confidence with being able to transform ideas, needs and requests into successful products lets us look towards the future as a source of opportunity.



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**GRUPPO  
OMCD**  
sintered hardmetal industries