

BLANKING



FILMS

high tech for hard metal

OMCD GROUP

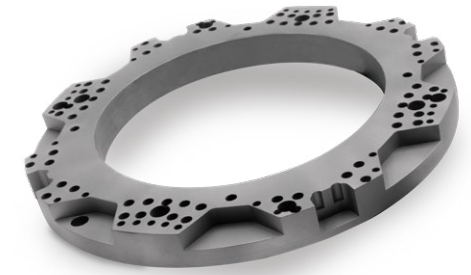
FILMS is the OMCD group company specialising in the design and production of **special wear-resistant hard metal tools.**

With almost **70 years of experience** in the sector, FILMS has specific **technical-commercial skills** that are constantly evolving, enabling it to export wholly Made in Italy products all over the world in full compliance with the highest quality standards.



Customer-centred business model

FILMS is structured so as to have an **active and direct approach** to the customer. Thanks to a collaborative relationship based on co-design and co-engineering, FILMS stands out for its **proposal of targeted innovative solutions**, the result of which is the creation of products with high-quality standards in full compliance with the economies of the sector.



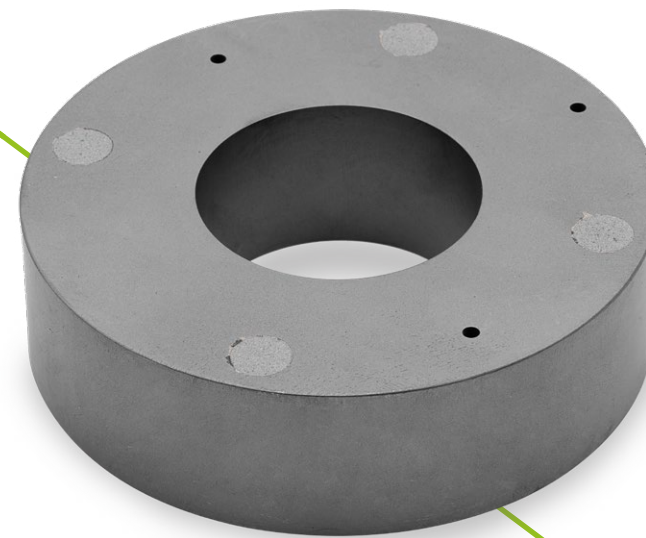
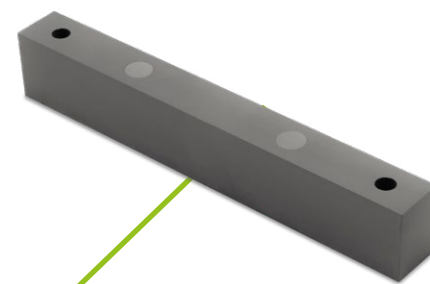
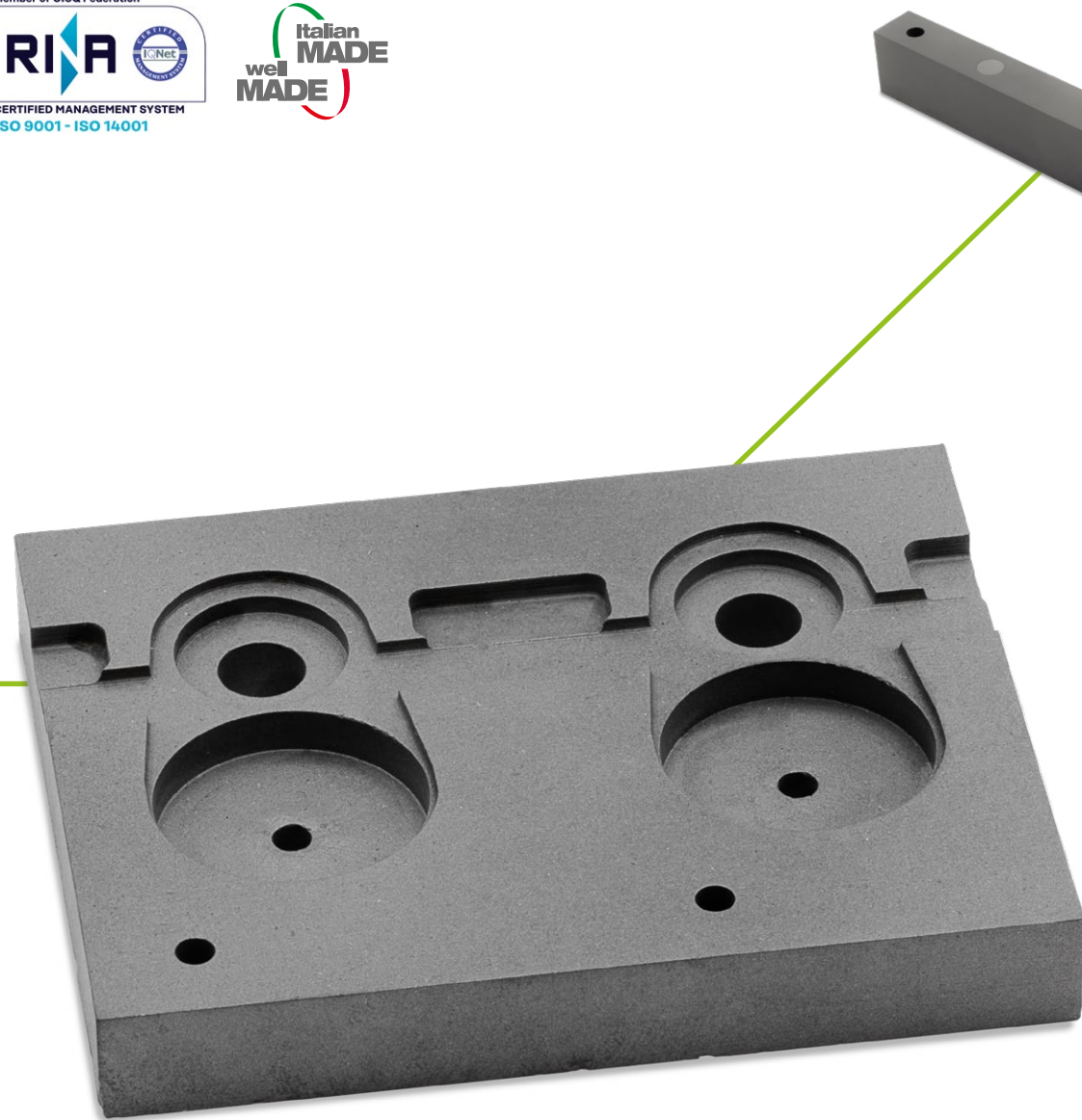
Research and Development

In a constantly evolving world, FILMS is continuously engaged in the research and development of grades of Hard Metal that can provide **ever more efficient operating performance**. This is the mission on which the daily work of the staff of HI. Lab is based, the Physical-Metallurgical workshop of the OMCD Group, which is located inside FILMS



Staff dedicated to the Oil&Gas sector

To cope with the severe conditions imposed by the blanking market, FILMS wanted to create a dedicated team of experts within its organization, in whose sector expertise is made available to the customer to guide him/her in every phase of the order, **from design to after-sales assistance.**



FILMS Blanking Team

Shaping your success.

For almost 20 years, FILMS has been operating in the blanking sector supplying **blocks and semi-finished products for the creation of progressive moulds made of Hard Metal.**

The thorough knowledge of the needs of the sector has led FILMS to create innovative and high-quality products, which **have increased the efficiency of the moulds.**

Our Grades are based on the search for the best compromise between **resistance to mechanical/chemical wear and toughness**, thanks to a targeted combination of the granulometry of the carbides and the composition of the alloys that make up the metal binders. FILMS provides a personalized support and consultancy service to help customers select the type of grade best suited to their specific needs.

Grade	% Metallic Binder	Grain Size	Anticorrosion	Vickers Hardness	Rockwell Hardness	TRS
				(HV10)	(HRA)	(TRS)
K05C	15,5	m-c	NO	1050	87,1	> 3000
K18F	17	m-c	NO	1180	88,7	> 3000
K28F	12,5	m	NO	1280	89,7	> 3000
K28C	13	m	NO	1280	89,7	> 3000
L97C	19,5	m-c	NO	970	86,00	> 2800
S28E	12	m	YES	1280	89,7	> 3000
S38E	11	f-m	YES	1380	90,5	> 3000

The constant quality control work allows FILMS to present itself on the market with products of absolute **reliability both from a geometric as well as a metallurgical point of view.**

To guarantee better service and **quick delivery times**, FILMS always keeps a wide range of standard blocks available in its warehouse ready for prompt delivery.

The OMCD Group, headed by the Tedeschi family for two generations, is a multinational company made up of 10 brands active in the field of Hard Metal, sintered copper/ tungsten and precious metals.

Its centralized structure and synergy between each brand guarantees control of the entire production process, from the refining of minerals to the micro-finishing operations.

Technical competence, continuous innovation and focus on customer satisfaction are just some of the reasons why every day more and more companies rely on OMCD Group as their commercial business partner



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