

Tungsten Carbide Product Catalogue

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38 catalogue products in 13 families. All items are made to drawing; the sizes shown on the website are examples, not a fixed size list.

Solid Carbide End Mills

Solid carbide end mills produced from raw carbide rods, designed for high-speed milling with high precision, good symmetry, dynamic balance, and sharp cutting edges.

Product	Web page
Solid Carbide Hrc 55 2f End Mill	https://www.yrhardmetal.com/products/endmill-2.html
Solid Carbide Hrc 45 4f Endmill	https://www.yrhardmetal.com/products/endmill-3.html
Solid Carbide Hrc 45 2f End Mill	https://www.yrhardmetal.com/products/end-mills.html
Hrc 60 Round Nose End Mill Bit	https://www.yrhardmetal.com/products/helical-end-mills.html
Aluminum HRC45 3f End Mill	https://www.yrhardmetal.com/products/end-mills-2.html
Aluminum HRC55 3f End Mill	https://www.yrhardmetal.com/products/mill-ends.html
HRC45 2F Ball End Mill	https://www.yrhardmetal.com/products/hrc45-2f-ball-end-mill.html
Solid Carbide End Mills for Metal Working/Ball Nose Endmill	https://www.yrhardmetal.com/products/carbide-end-mill-2.html
Carbide End Mill	https://www.yrhardmetal.com/products/carbide-end-mill.html
Tungsten Carbide Solid End Mill	https://www.yrhardmetal.com/products/carbide-end-mills.html

Tungsten Carbide Bushes and Sleeves

Pressed and sintered carbide bushes, shaft sleeves, valve cores and valve seats made to your drawing for pumps and valves that handle abrasive or corrosive fluid.

Product	Web page
Customized Tungsten Carbide Wear Parts with Drawing	https://www.yrhardmetal.com/products/customized-tungsten-carbide-wear-parts-with-drawing.html
Customized Tungsten Carbide Shaft Sleeve/Oil Nozzle	https://www.yrhardmetal.com/products/customized-tungsten-carbide-shaft-sleeve-oil-nozzle.html
OEM ODM Petroleum Tungsten Carbide Valve Core	https://www.yrhardmetal.com/products/oem-odm-petroleum-tungsten-carbide-valve-core.html
OEM ODM Petroleum Valve Core and Valve Seat	https://www.yrhardmetal.com/products/oem-odm-petroleum-valve-core-and-valve-seat.html
Customized Tungsten Carbide Wear Parts	https://www.yrhardmetal.com/products/petroleum-valve-core-and-valve-seat.html
Tungsten Carbide Bush/Tungsten Carbide Shaft Sleeve	https://www.yrhardmetal.com/products/tungsten-carbide-sleeve.html

Tungsten Carbide Bush /Carbide Wear Parts	https://www.yrhardmetal.com/products/carbide-bushings.html
Tungsten Carbide Bush/Carbide Sleeve	https://www.yrhardmetal.com/products/carbide-sleeve.html

Tungsten Carbide Rods

Pressed and sintered tungsten carbide rods made to your drawing or standard size for use in drill bits, end mills, reamers and other cutting tools requiring high wear resistance and impact strength.

Product	Web page
YL10.2 Tungsten Carbide Rods/H6 Short Rods	https://www.yrhardmetal.com/products/carbide-rod-2.html
Tungsten Carbide Extension Shank	https://www.yrhardmetal.com/products/tungsten-carbide-extension-shank.html
Two 30° Twisted Coolant Ducts Rod	https://www.yrhardmetal.com/products/carbide-rod-with-helical-coolant-hole.html
Coolant Single-hole Tungsten Carbide Rod	https://www.yrhardmetal.com/products/carbide-rod.html
Tungsten Carbide Rods with Chamfer	https://www.yrhardmetal.com/products/carbide-rod-3.html

Tungsten Carbide Nozzles

Pressed and sintered tungsten carbide nozzles made to drawing for high-wear, high-temperature, and high-precision applications in 3D printing, drilling, spraying, and industrial fluid handling.

Product	Web page
Tungsten Carbide Nozzle for 3D Printer	https://www.yrhardmetal.com/products/3d-printer-nozzle-2.html
Tungsten Carbide Nozzle/Carbide Blast Nozzle	https://www.yrhardmetal.com/products/carbide-nozzle.html
Tungsten Carbide 3d Printer Nozzle	https://www.yrhardmetal.com/products/3d-printer-nozzle.html

Ball Mill Grinding Media and Jars

Pressed and sintered tungsten carbide grinding media and jars for ball mills, made to YG8 grade for high hardness, wear resistance and chemical stability in abrasive or corrosive environments.

Product	Web page
Tungsten Carbide Grinding Jar	https://www.yrhardmetal.com/products/ball-mill.html
Tungsten Carbide Ball	https://www.yrhardmetal.com/products/tungsten-carbide-ball.html
Tungsten Carbide Unground Ball	https://www.yrhardmetal.com/products/planetary-ball-mill.html

Tungsten Carbide Rings

Pressed and sintered tungsten carbide rings for mechanical seals, available in flat (PH) and step type (TH) configurations, made to customer drawings for use in petroleum, chemical, and industrial machinery applications.

Product	Web page
Tungsten Carbide Ring	https://www.yrhardmetal.com/products/tungsten-carbide-seal-ring.html
Tungsten Carbide Ring/Tungsten Seal Ring	https://www.yrhardmetal.com/products/tungsten-carbide-ring.html

Carbide Pegs for Bead Mills

Solid carbide and steel-welded carbide pegs made to your drawing for bead mills handling low to highly viscous materials with consistent dispersion and milling performance.

Product	Web page
Tungsten Carbide Pins/Tungsten Carbide Pegs for Bead Mill	https://www.yrhardmetal.com/products/tungsten-carbide-pins.html

Tungsten Carbide Rollers

Pressed and sintered tungsten carbide rollers and composite roll rings made to drawing for cold and hot rolling of wire, bar, rod and foil with high precision and long service life.

Product	Web page
Tungsten Carbide Rolls	https://www.yrhardmetal.com/products/tungsten-carbide-rolls.html

Carbide Saw Blades

Circular saw blades and sawzall blades made from tungsten carbide and high-speed steel for cutting steel, stainless steel, aluminum, plastic, titanium, and other hard materials, produced to customer drawings or samples.

Product	Web page
Carbide Saw Blade	https://www.yrhardmetal.com/products/saw-blade.html

Tungsten Carbide Dies

Pressed and sintered tungsten carbide dies for cold heading and cold forming, made to customer drawings in YG20C, YG22C, YG25C grades for wear and impact resistance.

Product	Web page
Tungsten Carbide Die	https://www.yrhardmetal.com/products/tungsten-carbide-die.html

Tungsten Carbide Plates

Pressed and sintered tungsten carbide plates in square, rectangular, and strip forms made to customer drawings for use in moulds, cutting tools, and wear parts.

Product	Web page
Tungsten Carbide Plate	https://www.yrhardmetal.com/products/tungsten-carbide-plate.html

Carbide Rotary Burrs

Pressed and sintered tungsten carbide rotary burrs made to drawing for precision machining of metal and non-metal surfaces using hand-held electric or pneumatic tools.

Product	Web page
Tungsten Carbide Rotary Burr	https://www.yrhardmetal.com/products/carbide-burrs.html

Carbide Woodworking Inserts

Carbide inserts for woodworking machines, made to drawing for bamboo, wood, and composite materials. Designed for sharp cutting, high wear resistance, and long service life in continuous operation.

Product	Web page
Carbide Inserts	https://www.yrhardmetal.com/products/carbide-insert.html