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DONGGUAN SPP INDUSTRYA CO., LIMITED
DIXIN TECHNOLOGY (GUANGDONG) CO.,LTD

www.sppcncmachining.com

PRODUCTS

1. Blanks

Products:

Tungsten carbide profiles, cores, rings, plates, strips, blades, corrosion blocks, rods, nozzles, joints

Typical applications:

Plant construction and mechanical engineering, construction equipment, tool and die manufacturing, steel production and cold rolling, wire and tube forming, etc.



2. Structural Elements

Products:

Rings, barrel sleeves, teeth, carbide wear parts, cutting tools, stamping punches, guide rollers, bushings, molds, guides, seats, nozzles

Typical applications:

Most industries requiring wear-resistant, corrosion-resistant, and vulnerable parts in working environments



3. Mechanical Parts

Products:

Shafts, bearing bushings, guide rollers, feed rollers, drive wheels, forming rollers, rollers

Typical applications:

High-load components in mechanical engineering.



4. Cutting Tools

Products:

CNC turning knives, milling knives, forming knives, slitting knives, disc knives, shears, rotary knives, granulating knives, chopping knives, cutting knives, perforating knives, special purpose knives

Typical applications:

Paper and printing industry, machine tool manufacturing, sheet metal production, plastics manufacturing, food industry, hygiene industry, glass industry, woodworking industry, tobacco industry, textile industry, medical and hygiene sector



5. Oil, Gas, and Petrochemicals

Products:

Valve parts, teeth, radial bearing bushings, rotors and stators, fluid control components, pistons, complex structural components for extreme operating conditions, WMD (Wireline Measurement While Drilling) and LWD (Logging While Drilling) components

Typical applications:

Drilling drives, throttle valves, control valves, shut-off valves, processing systems, onshore and offshore operations, mining operations



6. Pumps, Valves, and Compressors

Products:

Valve seats, valve cones, valve balls, sealing rings, dosing needles, pistons, sleeves, sliding bearings, stationary and rotating rings, thrust bearing rings, shafts

Typical applications:

Flow regulators and shut-off valves, pumps, sealing elements



7. Crushing, Grinding, Granulating, Processing

Products:

Grinding bowls, grinding rings, milling discs, impact bars, pestles, crusher rolls, crusher jaws and plates, sieve rings, pins, knife strips, strippers, perforated plates

Typical applications:

Pin mills, laboratory mills, conical mills, hammer mills, pulverizers, granulators, jaw crushers, impact mills, roller crushers



8. Transportation, Mixing, and Extrusion Fields

Products:

Extruder screws, augers, mixer blades, liners, bushings, perforated and multi-perforated plates, screw segments, forming rollers, guides, molds

Typical applications:

Technical ceramics, paints and coatings, tiles, concrete industry, food industry, composites, etc.



9. Powder Pressing, Tableting, and Pharmaceutical Industry

Products:

Press tools, dies, punches, inserts, stamping dies, powder metallurgy dies, mandrels, mold bushings

Typical applications:

Pharmaceutical industry, powder metallurgy, chemical industry, sintered metal production, magnet manufacturing, dental technology, industrial and technical pressing, fire protection industry



10. Tools for Sheet Metal Processing, Packaging, and Canning

Products:

Cutting rings, cutting punches, compression rings, central block tension rings, beading rollers, button inserts, calibration punches, slitting knives, necking rings, seam areas, deep drawing dies and punches, beading punches, edge rings, and wall iron molds

Typical applications:

Packaging production, cans and lids manufacturing, stamping and forming technology



11. Bending and Forming Technology, Cold and Hot Forging

Products:

Cutting plates and bushings, reduction dies, first and second punches, extrusion dies, tungsten carbide punches, trimming dies, thread forming dies, hexagonal and segmental tools, clamping and cutting jaws, straightening rollers, wire feed rollers, coiling mandrels, wedges, wire guides, wire rollers



Typical applications:

Screw, bolt, and rivet manufacturing, bearing industry, chain and spring manufacturing, automotive and aerospace industry, fastener production

12. Wire and Tube Forming, Die Drawing



Products:

Drawing rings, mandrels, plugs, rollers, rotating mandrels, drawing jaws, straightening tools, feeding tools, seam removal inserts, forming tools, sizing rollers, flat rollers, shaping rollers, guides, expansion pins

Typical applications:

Tube and rod drawing, cold rolling technology and process, steel and metal production

13. PVD and CVD Coatings, Carbide and Ceramic Coatings

Products:

We offer various coating and titanizing services that can significantly improve the hardness and wear resistance of carbide or hardened steel tools.

Examples of Coatings:

TIN, TICN, TIALN, DLC, Carbide Coating, Ceramic Coating

CERAMIC COMPONENTS

Ceramic Structural Parts

Let us turn your ideas into reality

Together, let's build the future

Let's make the impossible possible

Since our founding in 1994, we have been a learning organization. We constantly acquire new knowledge and use it wisely. After so many years, ceramics hold almost no secrets for us. Combined with our drive to move forward, this almost automatically leads to innovation, especially when it comes to mechanical processes. We believe that knowledge and innovation always find solutions, even if they initially seem impossible.

