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Wire Drawing Components

Techna provides an extensive range of replacement machinery components and ancillary products for wire and rope drawing.

Replacement ceramic, ceramic - composite and hardened-steel drawing rings, cones and capstans are available for a wide range of drawing machines, providing flexible options for machinery maintenance and improvement.

In addition we have an extensive range of pulleys, rollers and wire guides in both ceramic and ceramic composites, enabling efficient and smooth routing of wires and ropes through your processes.

For full details please consult our website or contact us directly with your requirements.



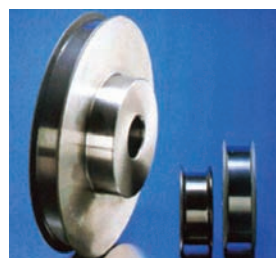
NWZ-A - High wear resistance



- 100% ceramic or composite ceramic-steel
- ring diameters up to 500mm
- regrindable
- draw surfaces diamond polished

- roughness < 0.10 µm Ra
- easy to maintain
- rings of composite constructions are individually replaceable

NWM-74 - Non ferrous metals



- ceramic coating alloyed to base materials
- variable layer thickness up to 1.5mm for coarse grinding
- repeatedly regrindable
- extremely abrasion resistant

- diamond polished draw surfaces
- roughness < 0.10 µm Ra, < 0.05 µm Ra available
- resistant to impact, thermal shock and breakage



CAPSTANS, CONES AND RINGS IN VARIOUS MATERIALS FOR A VARIETY OF MACHINES INCLUDING NIEHOFF, HENRICH, HERBORN, SAMP AND SYNCRO

Ra = Roughness average

NWM-81/3 - For steel cord wires



- thermally coated ceramic-metal composite
- ceramic thickness approximately 0.8mm; regrindable
- diamond polished; roughness <math>< 0.10 \mu\text{m Ra}</math>
- robust and hard wearing
- easy to service and maintain

NWK-78 - For copper, copper plated and fine wires



- ceramic oxide coated
- ceramic layer approximately 0.25mm
- diamond ground; roughness $\leq 0.15 \mu\text{m Ra}$
- re-coatable
- non-conductive coating

NWS-12/90 - For steel wire and cord, soft aluminium wires and jewellery wire



- hardened steel to 65HRC
- repeatedly regrindable
- diamond polished; roughness down to $\leq 0.05 \mu\text{m Ra}$
- impact and fracture resistant
- easy to service and maintain

Pulleys, Rollers and Guides

We are able to offer an extensive range of ceramic, ceramic-groove and ceramic-coated pulleys and rollers, both with and without bearings. Optional diamond-polished or ultra-low friction finishes are available on request.

Additionally, we have a wide variety of ceramic wire guides including eyelets, rings, bars, tubes, bushings, guides, rods, rolls and jets in high purity Alumina and Zirconia ceramics.

For full details please see our website, or contact us directly with your requirements.

