Coatings

Carbide: is applied to grip surface of collet (ID or OD gripping); creates a sandpaper type of finish. Significantly reduces slippage of parts.
Can also be applied to workstop surface.
Is approx .003 build-up per side, hardness is R/C 70 scale, wear resistant, and can be reapplied.

Diamond: similar results as carbide but is extremely wear resistant.

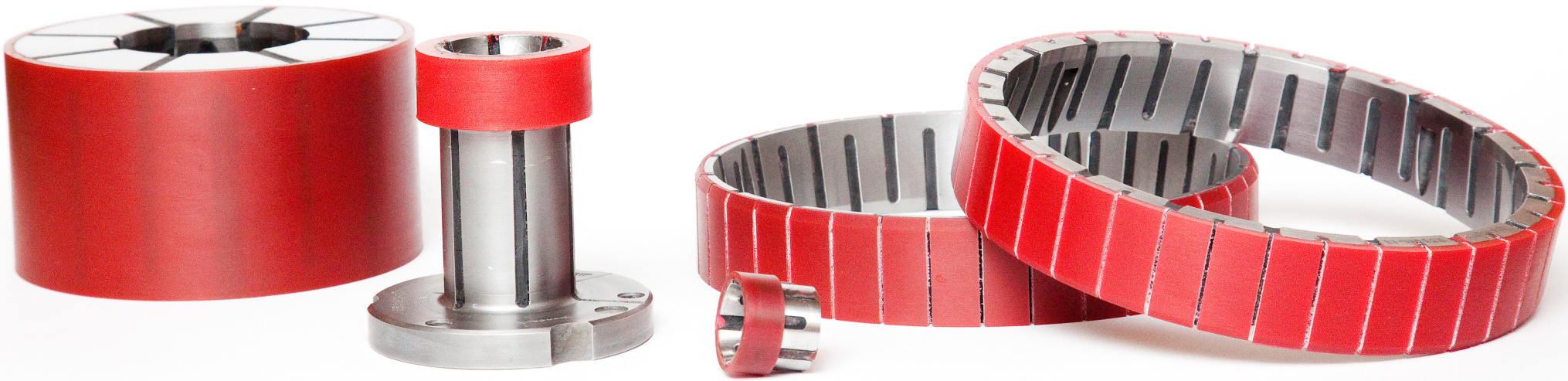
Urethane: is molded directly to grip surface (ID or OD gripping) and greatly reduces marking of highly finished part surfaces.
Various durometers are available (90 "red") Clear / natural a harder and reduces imbedding of chips and grit.

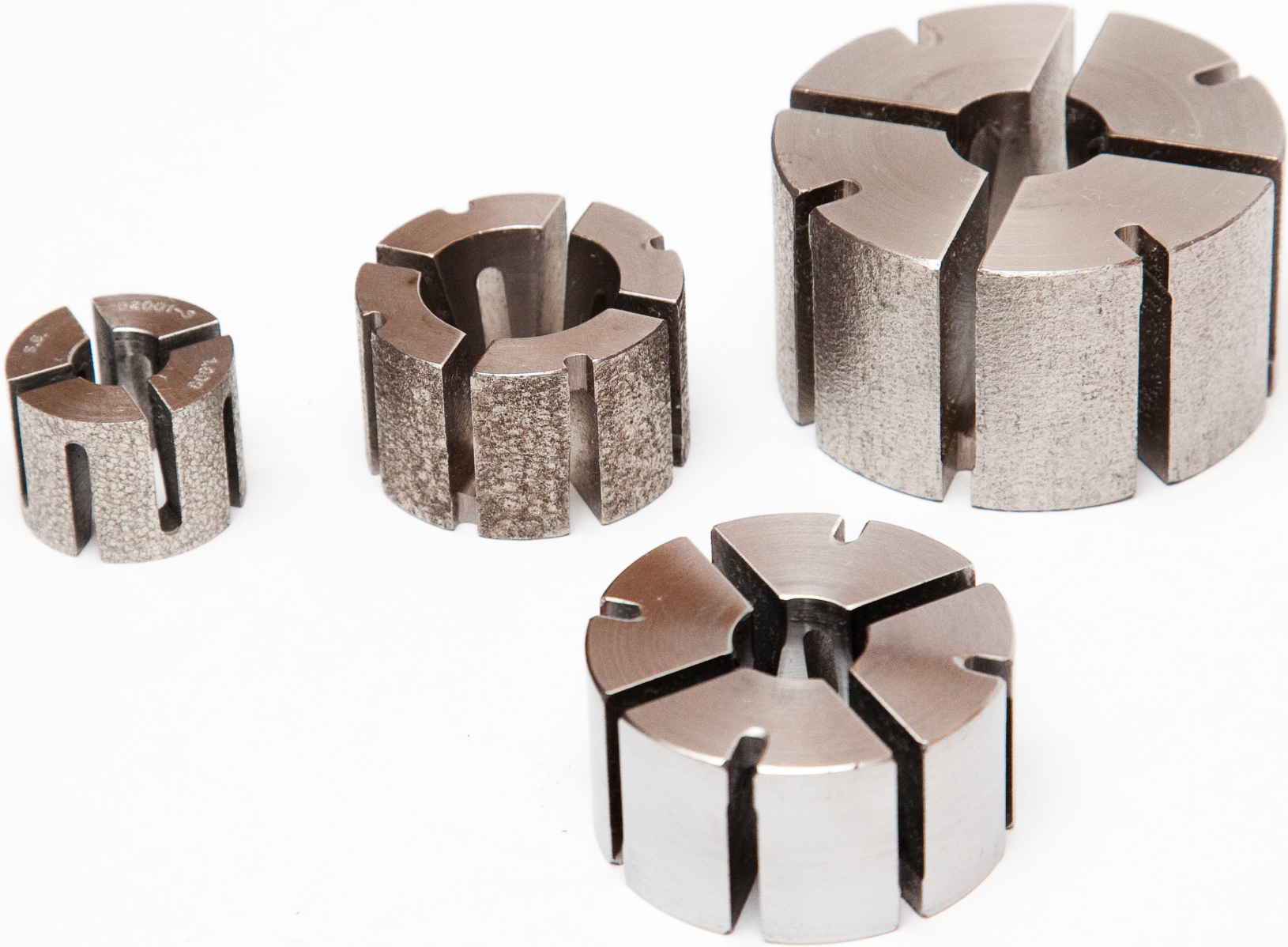
*can also absorb so irregularities in bores for improved machining results.

Copper: is deposited to grip surface of collet to reduce marking of part similar to urethane coating properties.
*can be used to reduce sticking of splatter in welding applications.

TiN Titanium Nitride: gold finish that resists wear and has corrosive resistant properties.

Black Oxide: general black finish with corrosive resistant properties





Speedgrip