

Manufacturing Process – Pressing Technology

Schunk Sintermetalltechnik GmbH

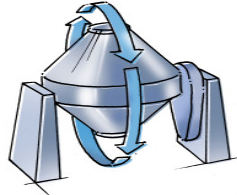


Metal powder



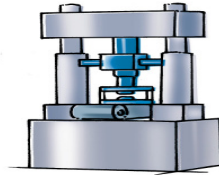
Pure metals and alloys

Mixing



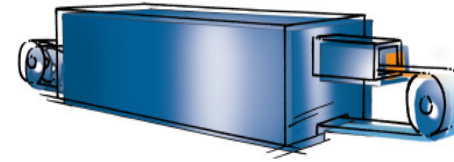
Pre-mixed and customized compounds

Pressing



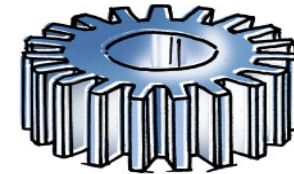
Using mechanical and hydraulic presses. Press forces of 30 to 15,000 kN

Sintering ES-technique



Creates highest degree of strength, resistance and dimensional accuracy, achieved by „hardening in the sintering heat“ (Schunk ES-technique)

Finishing



Finishing of the parts and components

