

GUHRING

Guhring holders
for every application



Overview and selection guide
for chucks

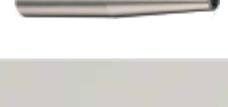
Hydraulic chucks

Art. Nr.	Clamping chucks	Description	Clamping diameter range
4299		HSK-A hydraulic chuck with increased clamping force	6 - 32 mm
4296		4296 HSK-A hydraulic chuck with radial length setting	6 - 32 mm
4267		HSK-C hydraulic chuck with increased clamping force	6 - 32 mm
4295		HSK-C hydraulic chuck	6 - 32 mm
4213		ISO taper hydraulic chuck DIN 69871 AD/B with increased clamping force	6 - 32 mm
4221		MAS/BT hydraulic chuck with increased clamping force	6 - 32 mm
4368		Reduction bushes for hydraulic chucks without peripheral cooling	3 - 25 mm
4369		Reduction bushes for hydraulic chucks with peripheral cooling	3 - 25 mm

HPC chucks

4300		HSK precision clamping chuck	3 - 20 mm
4301		SK-A clamping chuck DIN 69871 AD	3 - 20 mm
4302		Clamping sleeves for precision clamping chucks without peripheral cooling	3 - 20 mm
4235		Clamping sleeves for precision clamping chucks with peripheral cooling	3 - 20 mm

Shrink fit chucks

Art. Nr.	Clamping chucks	Description	Clamping diameter range
4726		HSK-A shrink fit chuck TSG 3000	6 - 32 mm
4727		ISO taper shrink fit chuck DIN 69871 AD/B TSG 3000	6 - 32 mm
4728		MAS-BT shrink fit chuck TSG 3000	6 - 32 mm
4755		GUHROJet HSK-A shrink fit chuck with peripheral cooling	6 - 20 mm
4729		GUHROJet ISO taper shrink fit chuck DIN 69871 AD/B	6 - 20 mm
4736		HSK-A shrink fit chuck	6 - 32 mm
4758		HSK-C shrink fit chuck	6 - 32 mm
4737		HSK-E shrink fit chuck	3 - 32 mm
4738		ISO taper shrink fit chuck DIN 69871 AD	3 - 32 mm
4739		MAS-BT shrink fit chuck	3 - 32 mm
4719		Shrink fit extension	3 - 20 mm

Clamping chucks / tool holders for straight tool shanks		Characteristics	Main application	Main feature	Concentricity	with 5xD	Clamping force	Rigidity	Dampening	Interference contour	Handling	Actuation
TSG 3000 / shrink fit chucks / shrink fit extensions		maximum concentricity; very slender non-interference; good rigidity; high clamping force; modular lengthening; patented dampening screw ensures concentricity	drilling, countersinking, milling, reaming, universal and HSC application	accurate and universal; slender; high clamping force	< 3µm	< 5µm	very high	very high	low	small / minimal	good	shrink fit device
Hydraulic chucks / HMC 3000 / reduction bushes		high dampening with maximum concentricity; simple handling; flexible application thanks to reduction bushes also with GÜHROJET	reaming, drilling, countersinking, HSC application, light milling	simple handling	< 3µm	< 5µm	very high	high	very high	medium	very good / very flexible	hexagon key
HPC precision power chucks / clamping sleeves		maximum clamping force and rigidity thanks to mechanical clamping transmission; high accuracy and balancing quality; flexible application thanks to clamping sleeves also with GÜHROJET	heavy HPC and fast accurate HSC milling, drilling, universal application	highest clamping force and rigidity	< 3µm	< 8µm	extremely high	extremely high	high	medium	very good / flexible	hexagon key / torque wrench
Straight shank holders "Weldon" / "Whistle-Notch"		robust, cost-efficient clamping chuck for heavy machining in the lower speed and accuracy range	roughing, milling, drilling	simple operation; secure clamping	< 10µm	< 25µm	very safe	very high	low	large	good	hexagon key
Collet chucks ER		very flexible clamping chuck for various shank dimensions and tolerances; for lower level machining tasks	light machining, centering, chamfering, drilling, threading; intermediate shank dimensions	highly flexible	< 10µm	< 20µm	medium	low	high	large (mini = small)	good	hook spanner