

The  $\mu$ Grind booster HPS20 automatic chuck offers a 2-plane adjustment to eliminate axial and radial runout in just a few minutes.



\* The color of the ring depends on the machine manufacturer.

GDS developed the  $\mu$ Grind series specifically for use on tool grinding machines, which made this series an innovation in the field of high-precision clamping devices for tool grinding.

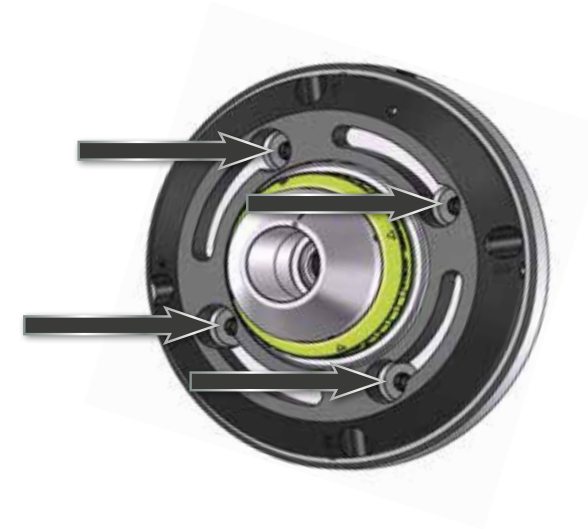
This series offers accurate concentricity and repeatability, with runout holding under two microns at  $2.5 \times D$ .

Excellent damping properties for uniform material removal while optimizing feed rates. The workpiece surface finish is perfectly consistent and grinding wheel wear is significantly reduced. This makes your grinding process highly productive and predictable.

Best dimensional stability at the cutting edge. Tapered profile for excellent wheel clearance. Setup with micron-level accuracy in just a few minutes by using two gauges, with absolute repeatability when changing blanks or collets (to change diameters).



Setup - Concentric with the machine



Setup - Parallel with the machine



Quick and easy alignment of axial runout and wobble adjustment – the  $\mu$ Grind yields a new dimension in grinding precision.



Tapered profile for optimal wheel clearance.

Accurate concentricity and repeatability. Runout under 0.002 mm at  $2.5 \times D$ .

Wobble adjustment.

Concentricity alignment.

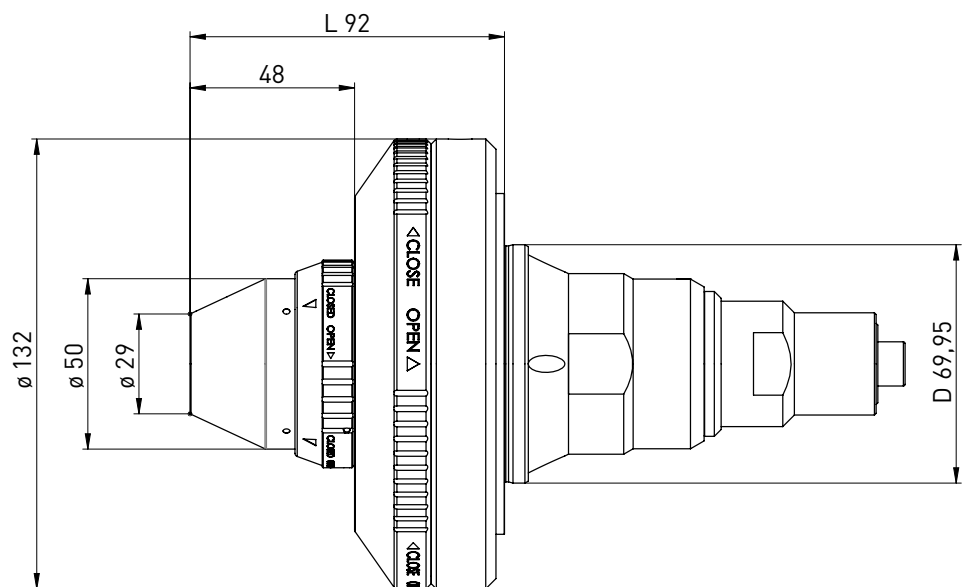
Wide clamping range due to special collets.

Requires a relatively short clamping length on the blank to achieve constant holding force and concentricity at  $2.5 \times D$ .












Excellent dampening properties with very low wearout.

Sustainable investment due to excellent durability and repair options.

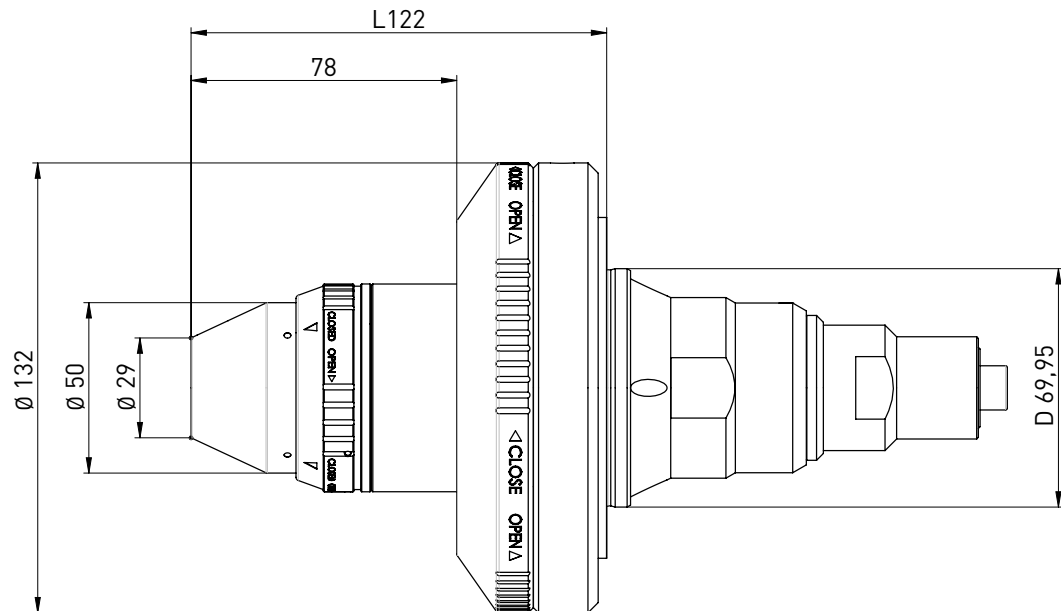
μGrind booster HPS 20 for ISO/SK 50














Delivery includes: push rod, alignment hammer, assembly tool, test certificate, operating instructions

Item no.	Name	Ring color	D	L
400001043	μGrind booster HPS 20 Haas	 Black	69,95	92
400001025	μGrind booster HPS 20 Joerg S-tech <sup>+</sup>	 Gold	69,95	92
400001027	μGrind booster HPS 20 Reinecker	 Gold	69,95	92
400001029	μGrind booster HPS 20 Saacke	 Black	69,95	92
400001041	μGrind booster HPS 20 Schneeberger	 Green	69,95	92
400001031	μGrind booster HPS 20 Schütte	 Hellblau	69,95	92
400001033	μGrind booster HPS 20 SMP	 Lila	69,95	92
400001035	μGrind booster HPS 20 Star	 Black	69,95	92
400001037	μGrind booster HPS 20 Strausak	 Blue	69,95	92
400001039	μGrind booster HPS 20 TGT	 Blue	69,95	92
400001000	μGrind booster HPS 20 Walter	 Blue	69,95	92

μGrind booster HPS 20 L for ISO/SK 50

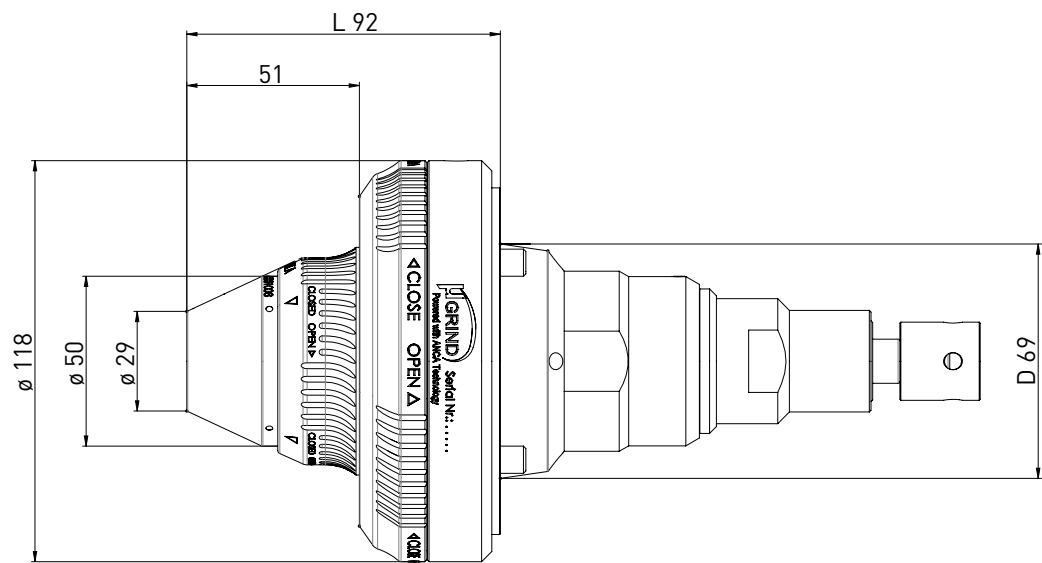


Delivery includes: push rod, alignment hammer, assembly tool, test certificate, operating instructions

Item no.	Name	Ring color	D	L
400001044	μGrind booster HPS 20 L Haas	 Black	69,95	122
400001026	μGrind booster HPS 20 L Joerg S-tech <sup>+</sup>	 Gold	69,95	122
400001028	μGrind booster HPS 20 L Reinecker	 Gold	69,95	122
400001030	μGrind booster HPS 20 L Saacke	 Black	69,95	122
400001042	μGrind booster HPS 20 L Schneeberger	 Green	69,95	122
400001032	μGrind booster HPS 20 L Schütte	 Hellblau	69,95	122
400001034	μGrind booster HPS 20 L SMP	 Lila	69,95	122
400001036	μGrind booster HPS 20 L Star	 Black	69,95	122
400001038	μGrind booster HPS 20 L Strausak	 Blue	69,95	122
400001040	μGrind booster HPS 20 L TGT	 Blue	69,95	122
400001001	μGrind booster HPS 20 L Walter	 Blue	69,95	122



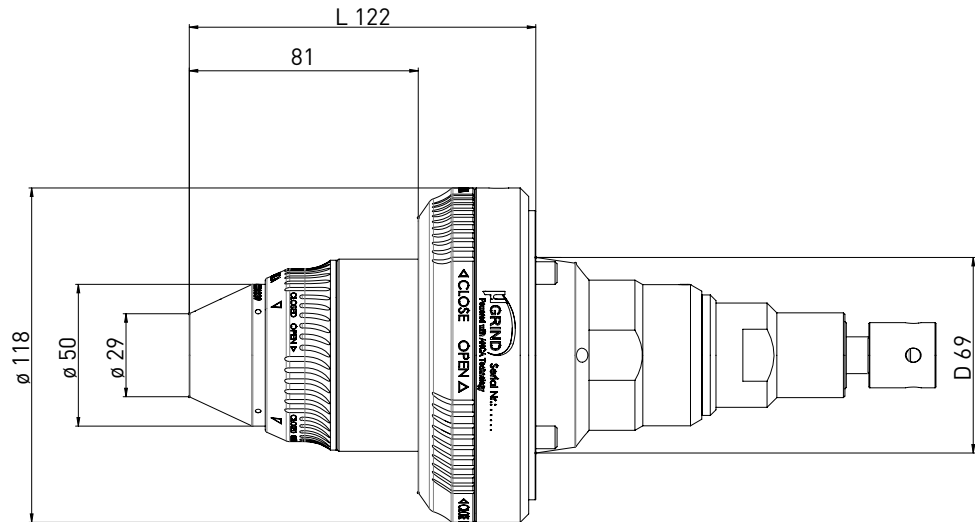
μGrind booster HPS 20 ANCA for ISO/SK 50



**Delivery includes:** Alignment hammer, assembly tool, test certificate, operating instructions  
Pressure bar available separately on page 41 as an accessory.

Item no.	Name	Ring color	D	L
400001008	μGrind booster HPS 20 ANCA	Red	69	92

μGrind booster HPS 20 L ANCA for ISO/SK 50

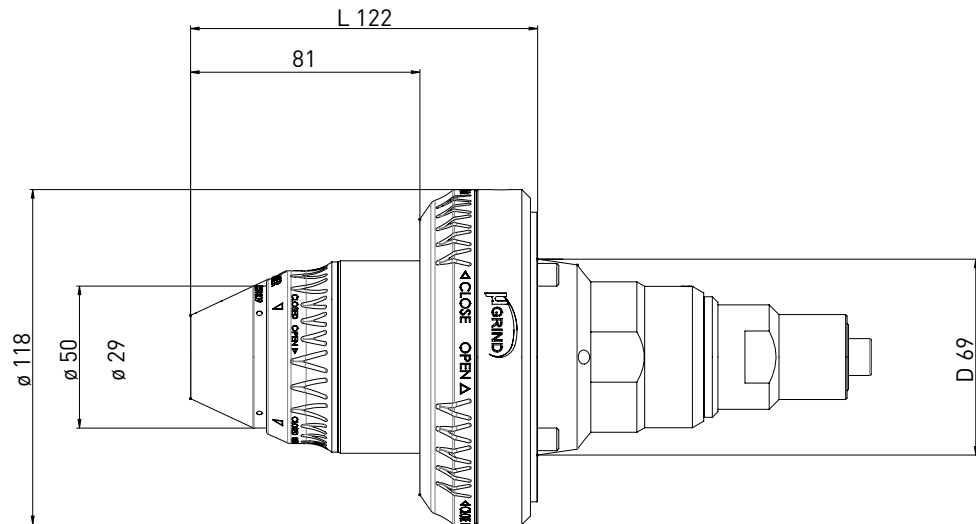


**Delivery includes:** Alignment hammer, assembly tool, test certificate, operating instructions  
Pressure bar available separately on page 41 as an accessory.

Item no.	Name	Ring color	D	L
400001009	μGrind booster HPS 20 L ANCA	Red	69	122



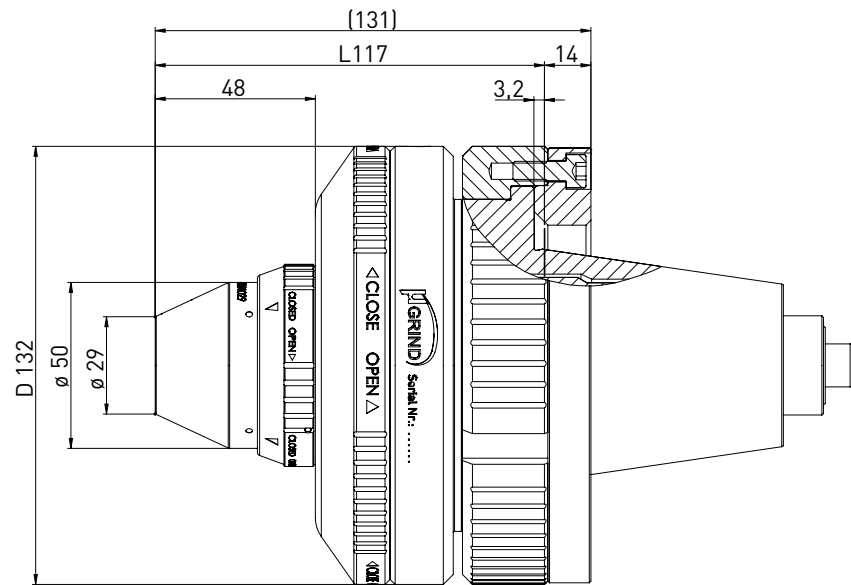
μGrind booster HPS 20 L Vollmer for ISO/SK 50




**Delivery includes:** Push rod, alignment hammer, assembly tool, test certificate, operating instructions

Item no.	Name	Ring color	D	L
400001022	μGrind booster HPS 20 L Vollmer SK50	Orange	69	122
400001024	μGrind booster HPS 20 L Vollmer Standard	Orange	69	122

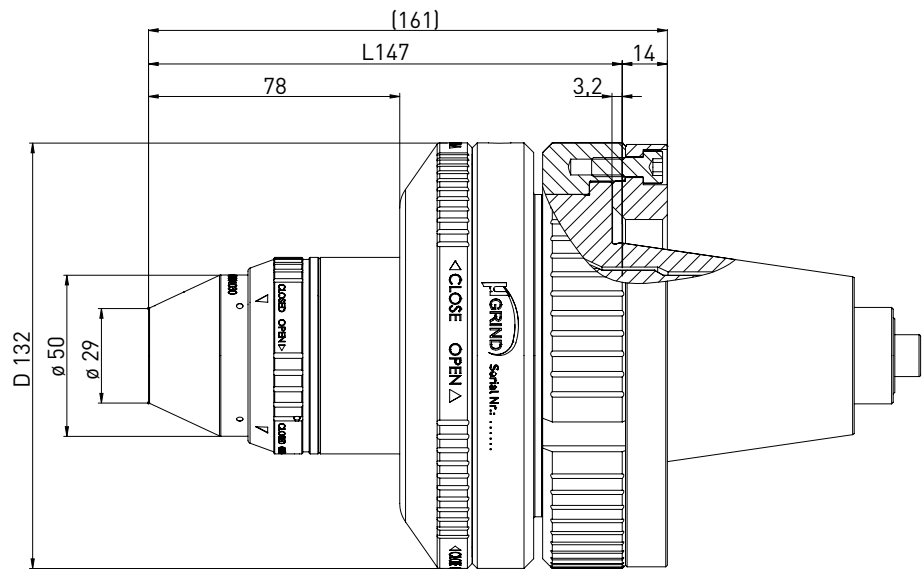
μGrind booster HPS 20 with union nut Deckel/ISOG for ISO/SK 50




Delivery includes: Push rod, alignment hammer, assembly tool, test certificate, operating instructions

Item no.	Name	Ring color	D	L
400001047	μGrind booster HPS 20 with union nut Deckel/ISOG	 Black	132	117

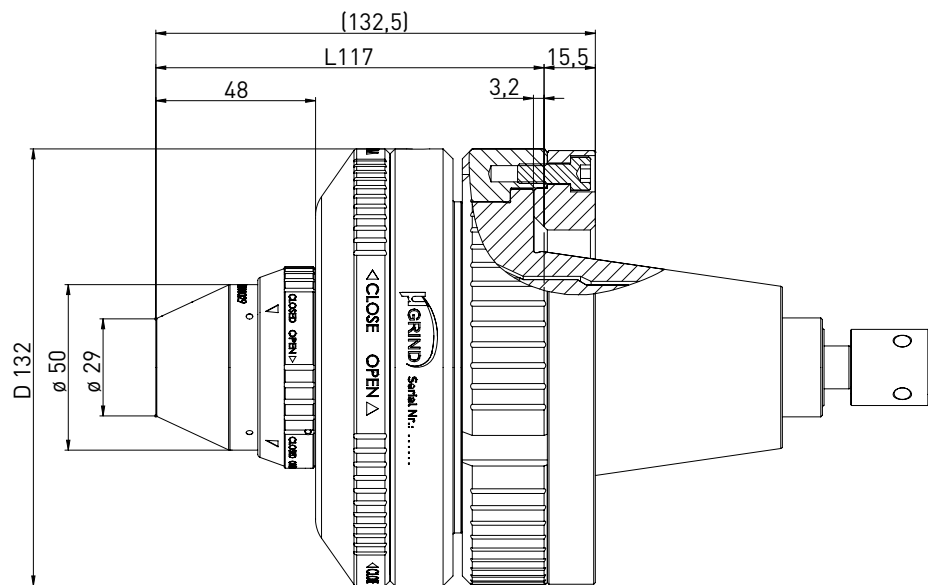
μGrind booster HPS 20 L with union nut Deckel/ISOG for ISO/SK 50




Delivery includes: Push rod, alignment hammer, assembly tool, test certificate, operating instructions

Item no.	Name	Ring color	D	L
400001048	μGrind booster HPS 20 L with union nut Deckel/ISOG	 Black	132	147

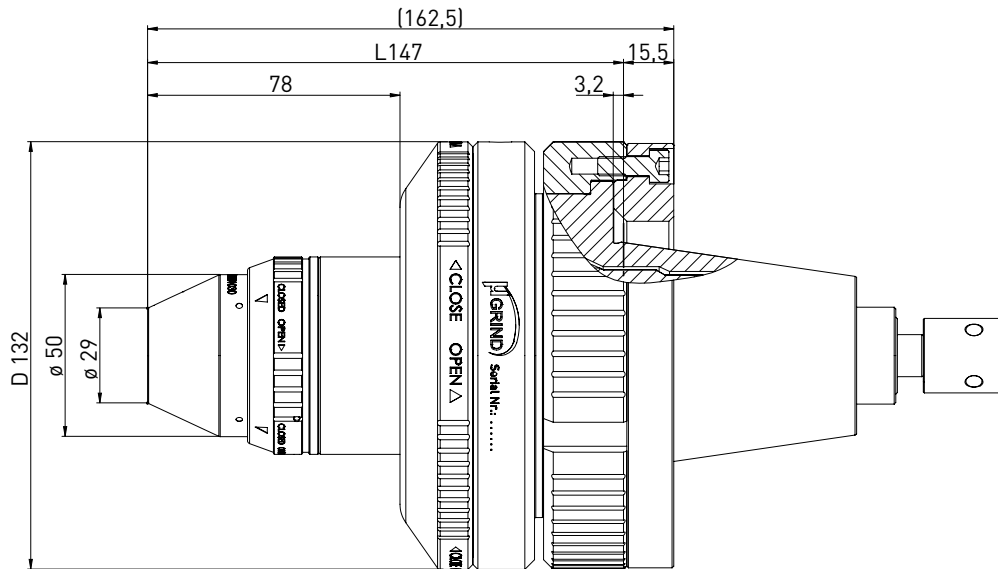
μGrind booster HPS 20 with union nut Saacke for ISO/SK 50




Delivery includes: Push rod, alignment hammer, assembly tool, test certificate, operating instructions

Item no.	Name	Ring color	D	L
400001045	μGrind booster HPS 20 with union nut Saacke	 Black	132	117

μGrind booster HPS 20 L with union nut Saacke for ISO/SK 50

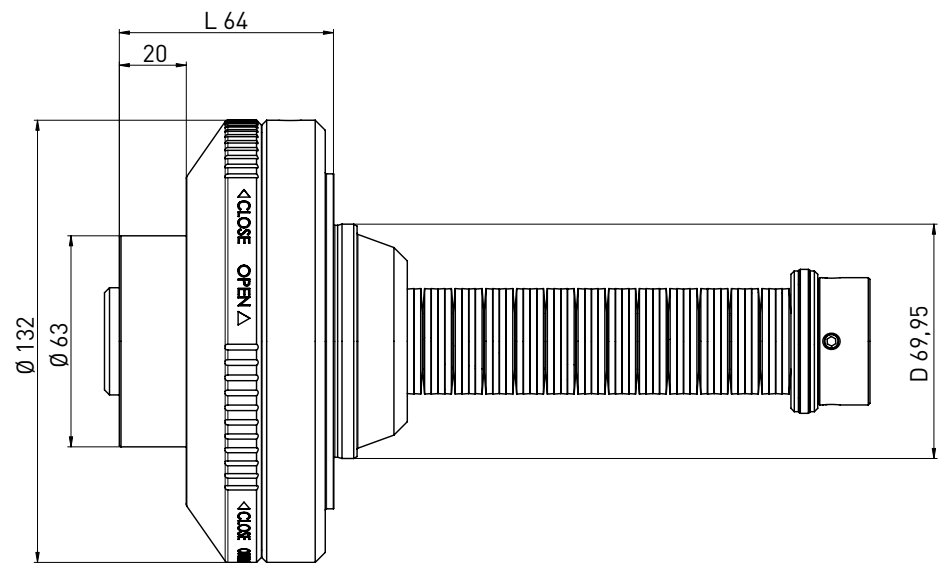


Delivery includes: Push rod, alignment hammer, assembly tool, test certificate, operating instructions

Item no.	Name	Ring color	D	L
400001046	μGrind booster HPS 20 L with union nut Saacke	 Black	132	147



μGrind booster HSK 63 for ISO/SK 50



**Delivery includes:** Push rod, alignment hammer, assembly tool, test certificate, operating instructions

Item no.	Name	Ring color	D	L
400003001	μGrind HSK 63 ANCA	Black	69,95	64
400003000	μGrind HSK 63 Haas	Black	69,95	64
400003003	μGrind HSK 63 Joerg S-tech <sup>+</sup>	Black	69,95	64
400003002	μGrind HSK 63 Reinecker	Black	69,95	64
400003009	μGrind HSK 63 Saacke	Black	69,95	64
400003004	μGrind HSK 63 Schneeberger	Black	69,95	64
400003005	μGrind HSK 63 Schütte	Black	69,95	64
400003010	μGrind HSK 63 SMP	Black	69,95	64
400003006	μGrind HSK 63 Star	Black	69,95	64
400003007	μGrind HSK 63 Strausak	Black	69,95	64
400003008	μGrind HSK 63 TGT	Black	69,95	64
400003000	μGrind HSK 63 Walter	Black	69,95	64

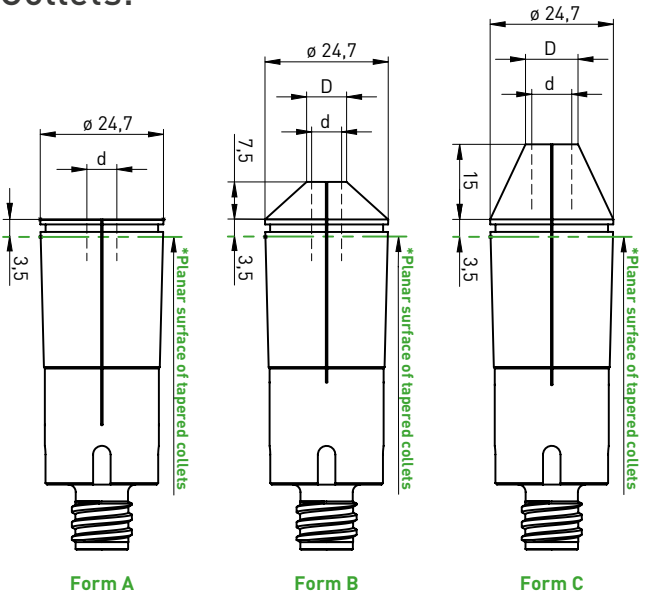
Accessories for all μGrind booster chucks:

Item no.	Name
350270002	Alignment set HPS (excl. dial gauges) incl. collet ø8 and ø10 Adjusting pin ø8 and ø10
350270003	Dial gauges (2 pcs.)

Accessories for μGrind booster ANCA:

Item no.	Name
350290010	Push rod ANCA FX EM 134.6
350290011	Push rod ANCA MX7 EM 134.6
350290012	Push rod ANCA TX EM 134.6

Collets:



Item no.	Name - ø d	Form
350260003	HPS Collets 20 - ø3 mm	A
350260004	HPS Collets 20 - ø4 mm	A
350260005	HPS Collets 20 - ø5 mm	A
350260006	HPS Collets 20 - ø6 mm	A
350260007	HPS Collets 20 - ø7 mm	A
350260008	HPS Collets 20 - ø8 mm	A
350260009	HPS Collets 20 - ø9 mm	A
350260010	HPS Collets 20 - ø10 mm	A
350260011	HPS Collets 20 - ø11 mm	A
350260012	HPS Collets 20 - ø12 mm	A

Item no.	Name - ø d	Form
350260013	HPS Collets 20 - ø13 mm	A
350260014	HPS Collets 20 - ø14 mm	A
350260015	HPS Collets 20 - ø15 mm	A
350260016	HPS Collets 20 - ø16 mm	A
350260017	HPS Collets 20 - ø17 mm	A
350260018	HPS Collets 20 - ø18 mm	A
350260019	HPS Collets 20 - ø19 mm	A
350260020	HPS Collets 20 - ø20 mm	A
350260201	HPS Collets 20 - ø1/8"	A
350260202	HPS Collets 20 - ø3/16"	A
350260203	HPS Collets 20 - ø1/4"	A
350260204	HPS Collets 20 - ø5/16"	A
350260205	HPS Collets 20 - ø3/8"	A
350260206	HPS Collets 20 - ø7/16"	A
350260207	HPS Collets 20 - ø1/2"	A
350260208	HPS Collets 20 - ø9/16"	A
350260209	HPS Collets 20 - ø5/8"	A
350260210	HPS Collets 20 - ø11/16"	A
350260211	HPS Collets 20 - ø3/4"	A
350260130	HPS Collets 20K - ø2,35 mm	B
350260103	HPS Collets 20K - ø3 mm	B
350260104	HPS Collets 20K - ø4 mm	B
350260105	HPS Collets 20K - ø5 mm	B
350260106	HPS Collets 20K - ø6 mm	B
350260301	HPS Collets 20K - ø1/8"	B
350260302	HPS Collets 20K - ø3/16"	B
350260303	HPS Collets 20K - ø1/4"	B
350260107	HPS Collets 20K - ø7 mm	C
350260108	HPS Collets 20K - ø8 mm	C
350260109	HPS Collets 20K - ø9 mm	C
350260110	HPS Collets 20K - ø10 mm	C
350260111	HPS Collets 20K - ø11 mm	C
350260112	HPS Collets 20K - ø12 mm	C
350260304	HPS Collets 20K - ø5/16"	C
350260305	HPS Collets 20K - ø3/8"	C
350260306	HPS Collets 20K - ø7/16"	C
350260307	HPS Collets 20K - ø1/2"	C