

Standard range – High Performance Holder

HPH 3° MULTI

HPH – hydraulic chucking technology for special requirements!

ADVANTAGE NO. 1

Slim 3° contour as on shrink adapters up to now



High torque transmission

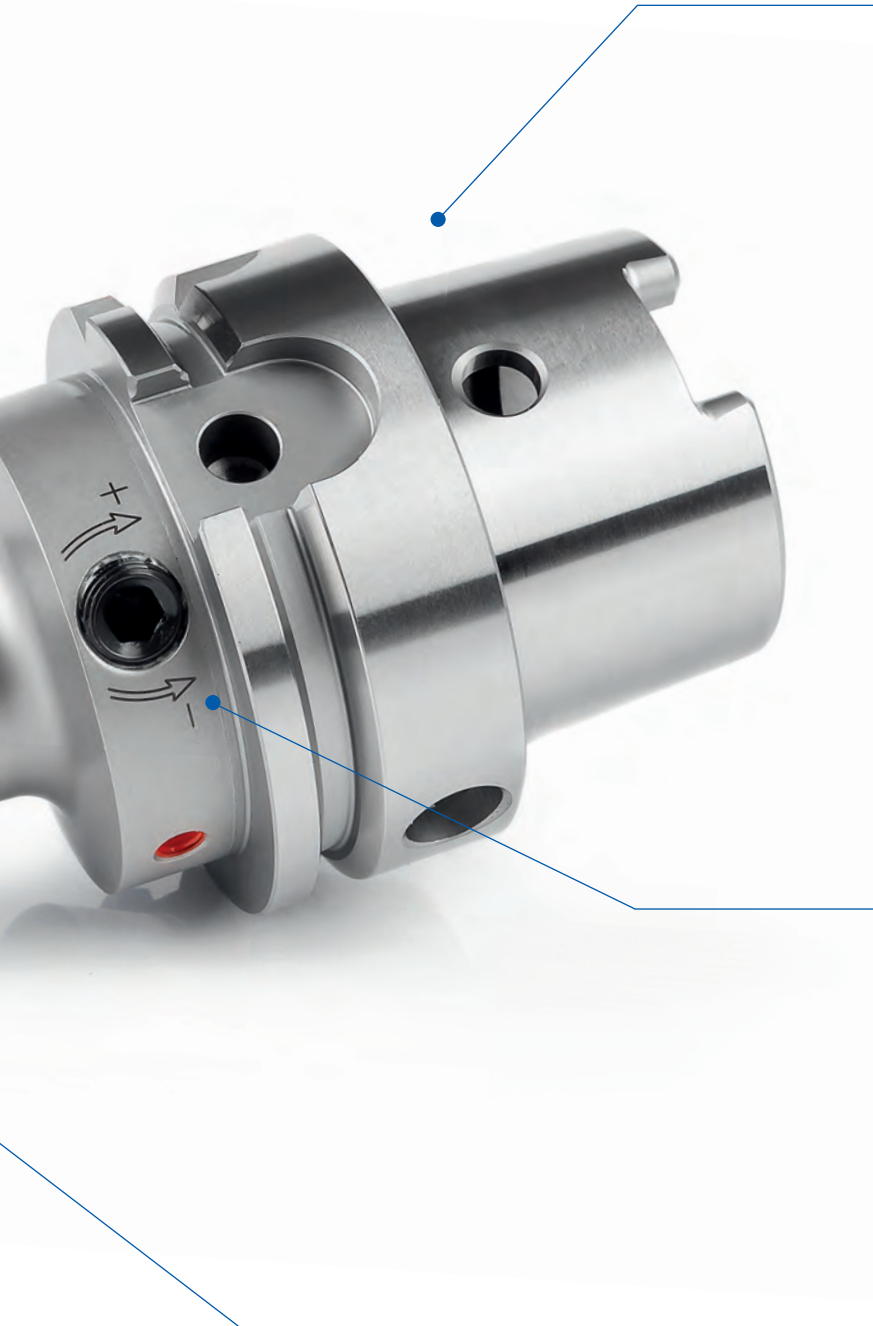
ADVANTAGE NO. 2

Thermal stability up to 120°C



Our arguments make the difference!
Minimal tool restriction, high precision,
excellent surfaces, for mould and tool making

Technology



ADVANTAGE NO. 3

Long tool lives

Optimal radial run-out <math>< 3 \mu\text{m}</math>



ADVANTAGE NO. 4

Very good vibration damping

Quick and easy chucking



ADVANTAGE NO. 5

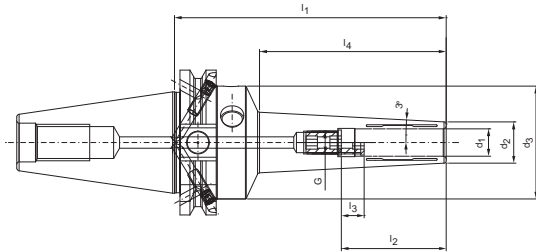
Maximum flexibility due to usage of reducing sleeves





HPH 3° MULTI SK 40

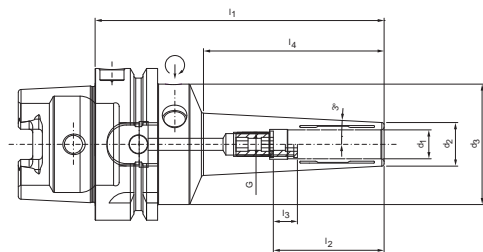
Ultra slim design, coolant supply as per ISO 7388-1,
Form AD/AF



Nominal size SK	Dimensions							G	Wrench size	Weight kg	Order designation	Order No.	Stock
	d ₁	d ₂	d ₃	l ₁	l ₂	l ₃	l ₄						
40	6	12	49.5	120	37	10	79.9	M5	2.5	1.2	15.404.40.06.Z/120	30655468	●
40	8	14	49.5	120	37	10	79.9	M6	3	1.2	15.404.40.08.Z/120	30655469	●
40	10	16	49.5	120	41	10	80.9	M8x1	3	1.2	15.404.40.10.Z/120	30655470	●
40	12	18	49.5	120	46	10	81.9	M10x1	5	1.2	15.404.40.12.Z/120	30655471	●

HPH 3° MULTI HSK 63

Ultra slim design, coolant supply as per DIN 69893,
Form A



Nominal size HSK-A	Dimensions							G	Wrench size	Weight kg	Order designation	Order No.	Stock
	d ₁	d ₂	d ₃	l ₁	l ₂	l ₃	l ₄						
63	6	12	50	120	37	10	73	M5	2.5	0.9	16.404.63.06.Z/120	30655463	●
63	8	14	50	120	37	10	74	M6	3	0.9	16.404.63.08.Z/120	30655465	●
63	10	16	50	120	41	10	74	M8x1	3	1	16.404.63.10.Z/120	30655466	●
63	12	18	50	120	46	10	75	M10x1	5	1	16.404.63.12.Z/120	30655467	●

