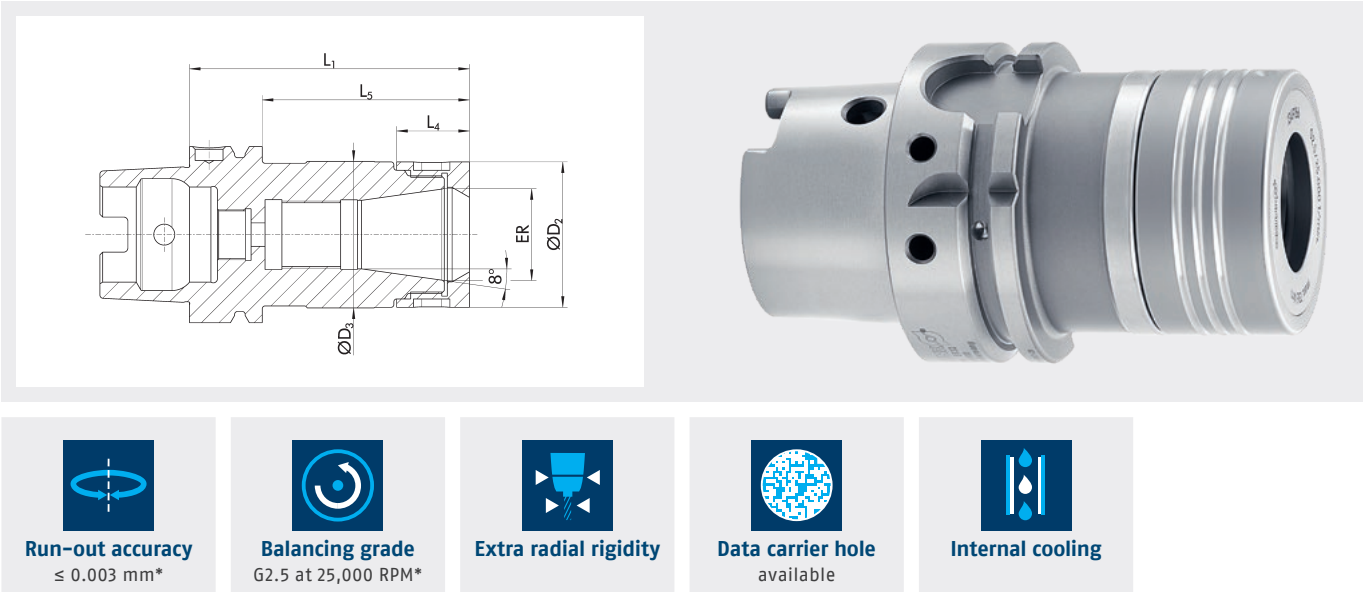




ER Precision collet chuck
Precise. Compact. Simple.

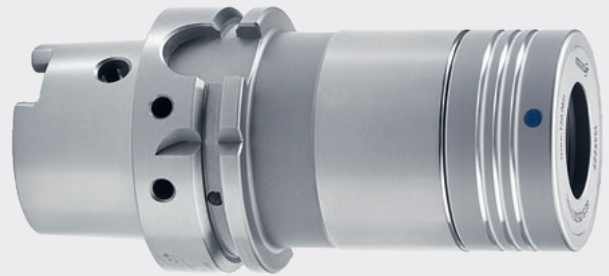
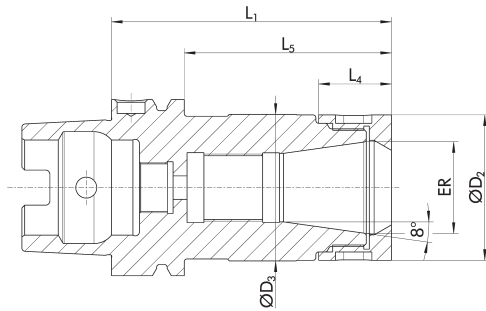
ER P HSK-A 63
 ER Precision collet chuck



Technical data

ID	Clamping range D1	ER	D2	D3	L1	L4	L5	Weight
	[mm]		[mm]	[mm]	[mm]	[mm]	[mm]	[kg]
1349164	1 - 10	ER 16	34	28	75	20.6	49	0.875
1349165	1 - 16	ER 25	44	42	75	24	49	0.975
1349166	2 - 20	ER 32	52	50	75	26	49	1.04
1349167	4 - 26	ER 40	62	51	85	29	49	1.23

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque
 *Balancing grade: or Umax < 1 gmm



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
available



Internal cooling

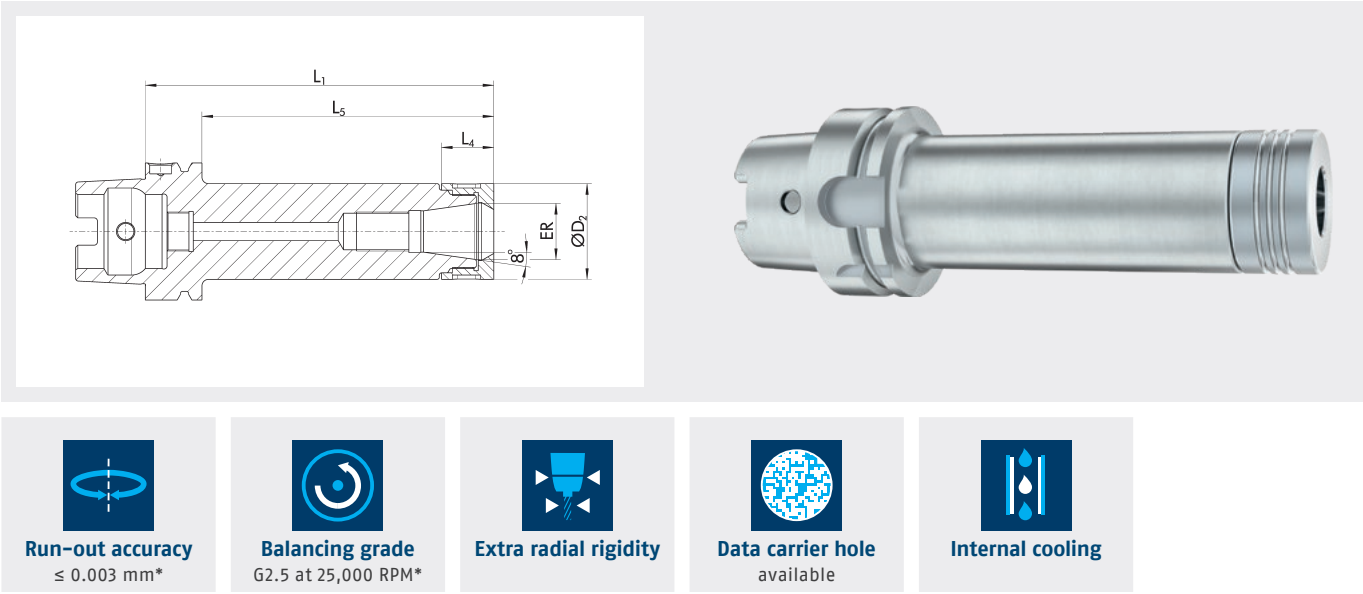
Technical data

ID	Clamping range D1 [mm]	ER	D2 [mm]	D3 [mm]	L1 [mm]	L4 [mm]	L5 [mm]	G	Weight [kg]
1349225	1 - 10	ER 16	34	28	100	20.6	74	M11x1	1.06
1349226	1 - 16	ER 25	44	42	100	24	74	M18x1.5	1.235
1349227	2 - 20	ER 32	52	50	100	26	74	M24x1.5	1.39
1349228	4 - 26	ER 40	62	51	120	29	94	M28x1.5	2.025

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or U_{max} < 1 gmm

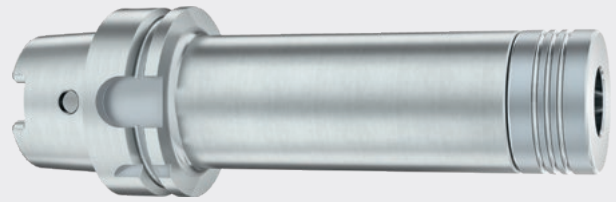
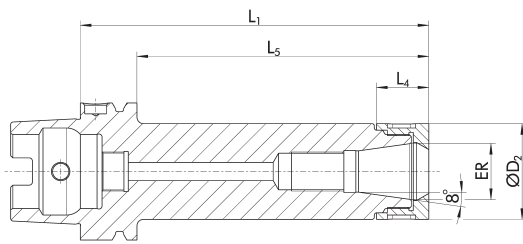
ER P HSK-A 63 L1=130
 ER Precision collet chuck



Technical data

ID	Clamping range D1	ER	D2	L1	L4	L5	G	Weight
	[mm]		[mm]	[mm]	[mm]	[mm]		[kg]
1471580	1 - 10	ER 16	34	130	20.6	104	M11x1	1.26
1471581	1 - 16	ER 25	44	130	24	104	M18x1.5	1.59
1471589	2 - 20	ER 32	52	130	26	104	M24x1.5	1.86

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque
 *Balancing grade: or Umax < 1 gmm



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
available



Internal cooling

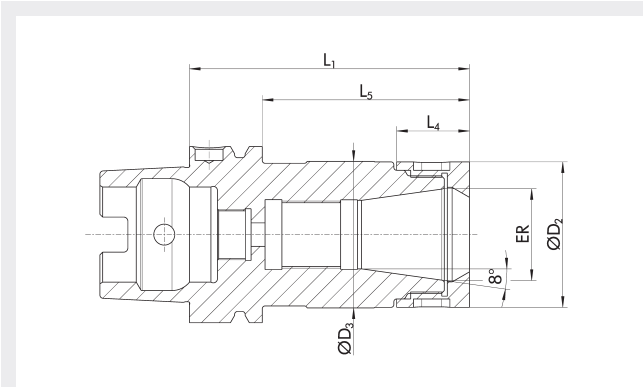
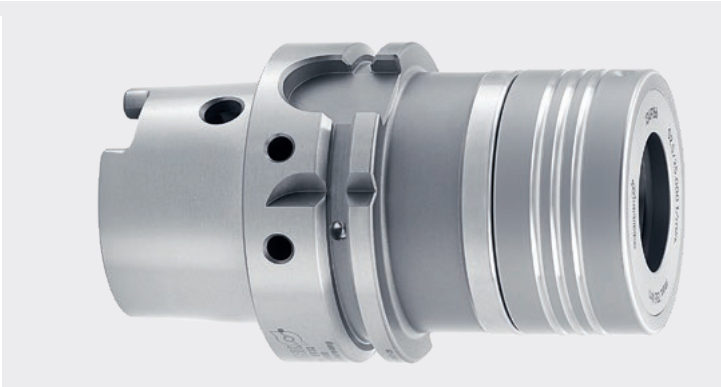
Technical data

ID	Clamping range D1	ER	D2	L1	L4	L5	G	Weight
	[mm]		[mm]	[mm]	[mm]	[mm]		[kg]
1472589	1 - 10	ER 16	34	160	20.6	134	M11x1	1.46
1472590	1 - 16	ER 25	44	160	24	134	M18x1.5	1.94
1472591	2 - 20	ER 32	52	160	26	134	M24x1.5	2.35

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or U_{max} < 1 gmm

ER P Mini HSK-A 63 L1=100
 ER Precision collet chuck



Run-out accuracy
 ≤ 0.003 mm*



Balancing grade
 G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
 available

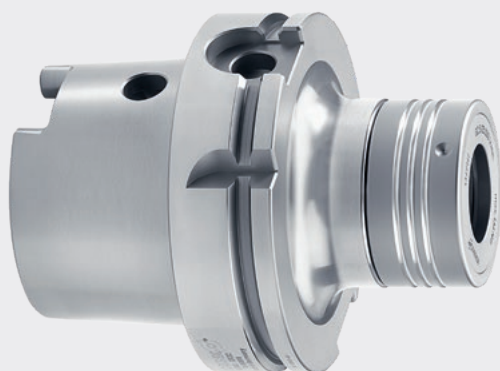
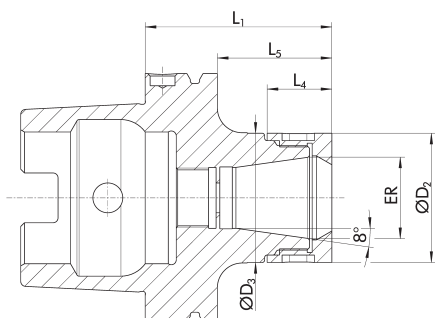


Internal cooling

Technical data

ID	Variant	Clamping range D1 [mm]	ER	D2 [mm]	L1 [mm]	L4 [mm]	L5 [mm]	G	Weight [kg]
1472601	ER Mini	1 – 10	ER 16	24	100	20.6	74	M11x1	0.85

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque
 *Balancing grade: or Umax < 1 gmm



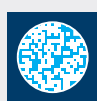
Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
available



Internal cooling

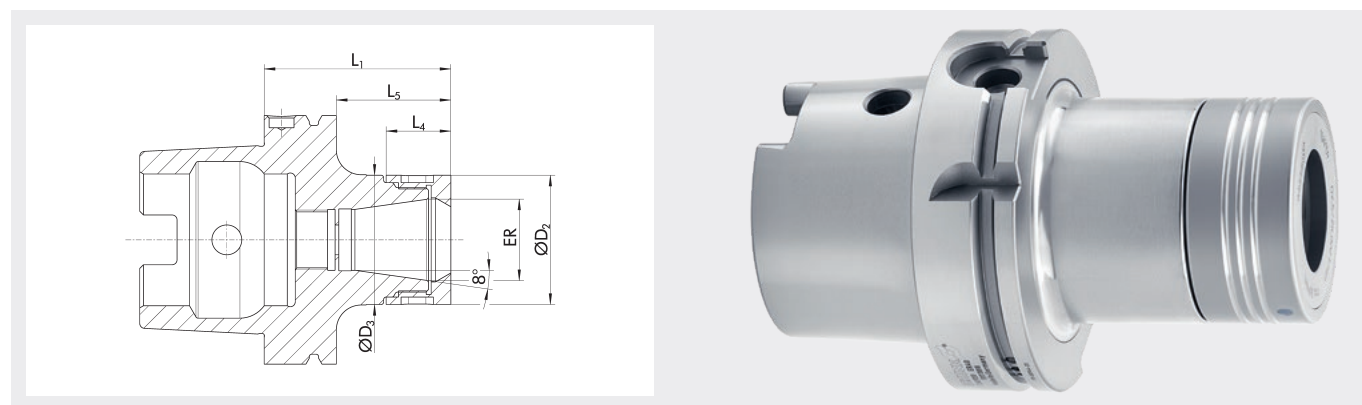
Technical data

ID	Clamping range D1	ER	D2	D3	L1	L4	L5	Weight
	[mm]		[mm]	[mm]	[mm]	[mm]	[mm]	[kg]
1454815	1 - 10	ER 16	34	28	75	20.6	46	2.3
1349140	1 - 16	ER 25	44	42	75	24	44	2.39
1349141	2 - 20	ER 32	52	50	75	26	44	2.5
1349142	4 - 26	ER 40	62	63	85	29	54	2.72

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or Umax < 1 gmm

ER P HSK-A 100
ER Precision collet chuck



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
available



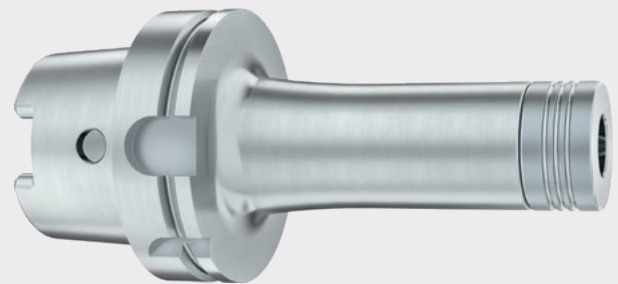
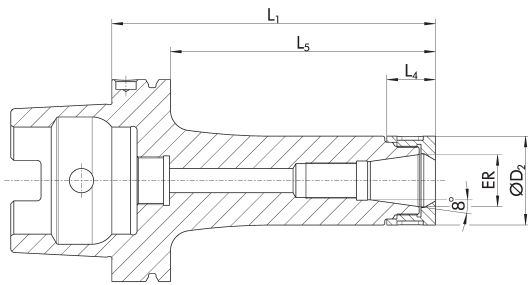
Internal cooling

Technical data

ID	Clamping range D1 [mm]	ER	D2 [mm]	D3 [mm]	L1 [mm]	L4 [mm]	L5 [mm]	G	Weight [kg]
1454816	1 - 10	ER 16	34	28	100	20.6	71	M11x1	2.35
1349157	1 - 16	ER 25	44	42	100	24	71	M18x1.5	2.67
1349158	2 - 20	ER 32	52	50	100	26	71	M24x1.5	2.9
1349159	4 - 26	ER 40	62	63	100	29	71	M28x1.5	2.99

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or U_{max} < 1 gmm



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
available



Internal cooling

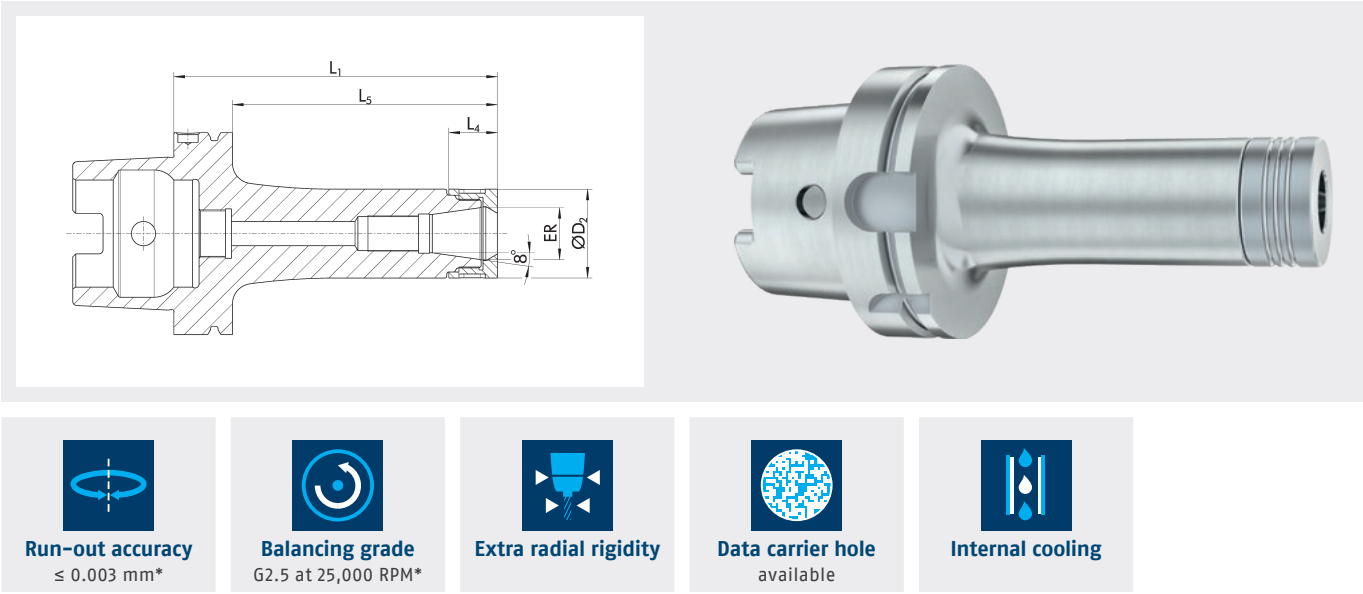
Technical data

ID	Clamping range D1	ER	D2	L1	L4	L5	G	Weight
	[mm]		[mm]	[mm]	[mm]	[mm]		[kg]
1472616	1 - 10	ER 16	34	130	20.6	101	M11x1	2.8
1472617	1 - 16	ER 25	44	130	24	101	M18x1.5	2.9
1472618	2 - 20	ER 32	52	130	26	101	M24x1.5	3.1
1472619	4 - 26	ER 40	62	130	29	101	M28x1.5	3.3

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or Umax < 1 gmm

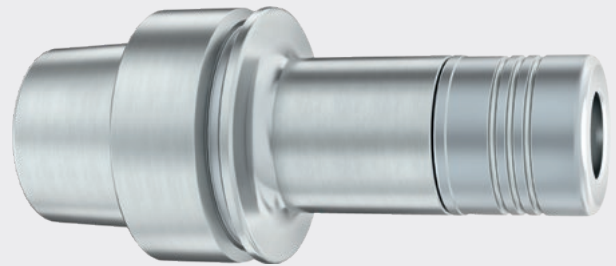
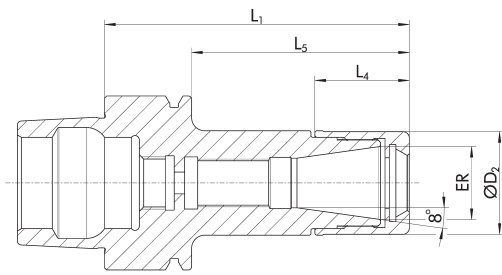
ER P HSK-A 100 L1=160
 ER Precision collet chuck



Technical data

ID	Clamping range D1	ER	D2	L1	L4	L5	G	Weight
	[mm]		[mm]	[mm]	[mm]	[mm]		[kg]
1473970	1 - 10	ER 16	34	160	20.6	131	M11x1	3.07
1473971	1 - 16	ER 25	44	160	24	131	M18x1.5	3.39
1473972	2 - 20	ER 32	32	160	26	131	M24x1.5	3.71
1473973	4 - 26	ER 40	62	160	29	131	M28x1.5	4.53

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque
 *Balancing grade: or Umax < 1 gmm



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
optionally possible



Internal cooling

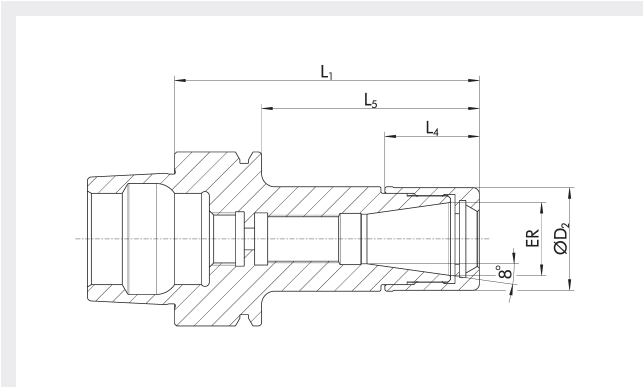
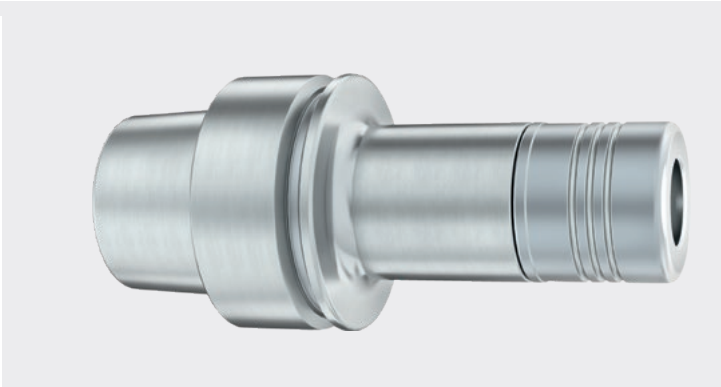
Technical data

ID	Clamping range D1 [mm]	ER	D2 [mm]	L1 [mm]	L4 [mm]	L5 [mm]	Weight [kg]
1472497	1 - 10	ER 16	34	60	20.6	40	0.6
1472498	1 - 16	ER 25	44	65	24	40	0.7

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or U_{max} < 1 gmm

ER P HSK-E 40 L1=70
 ER Precision collet chuck



Run-out accuracy
 ≤ 0.003 mm*



Balancing grade
 G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
 optionally possible

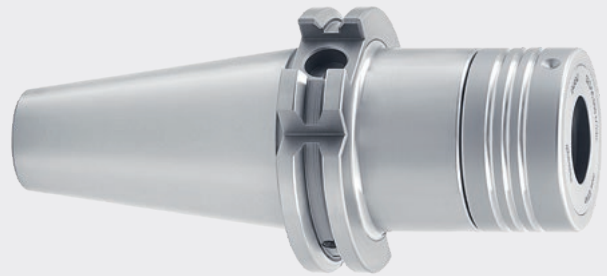
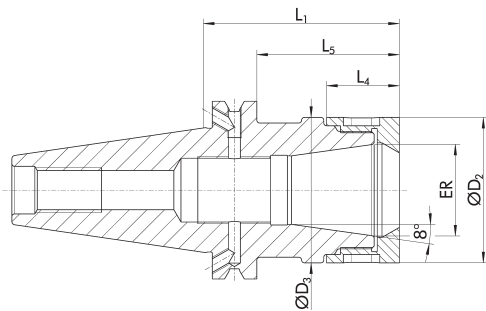


Internal cooling

Technical data

ID	Variant	Clamping range D1	ER	D2 [mm]	L1 [mm]	L4 [mm]	L5 [mm]	Weight [kg]
1472343	ER Mini	1 - 10	ER 16	24	70	20.6	50	0.7

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque
 *Balancing grade: or Umax < 1 gmm



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
available



Internal cooling

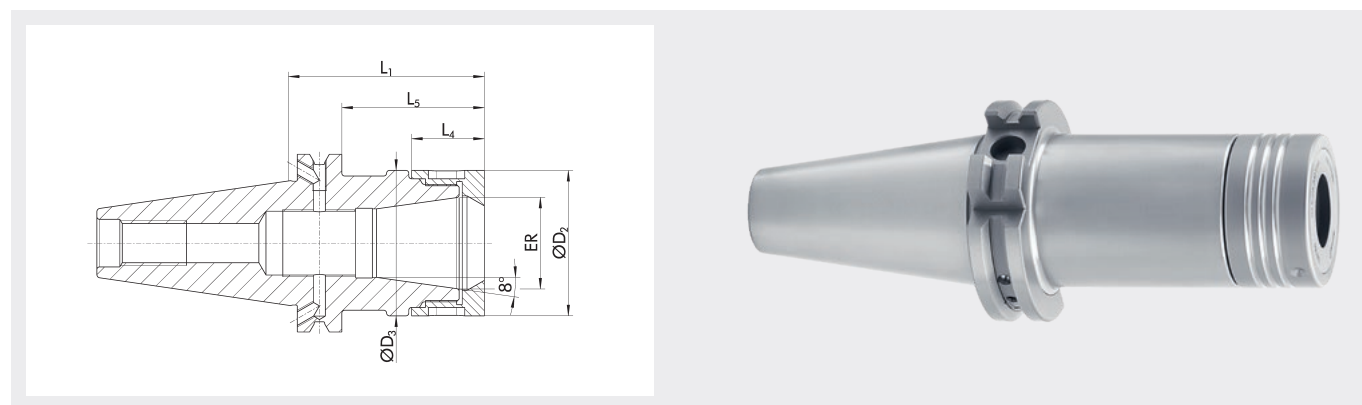
Technical data

ID	Clamping range D1 [mm]	ER	D2 [mm]	D3 [mm]	L1 [mm]	L4 [mm]	L5 [mm]	G	Weight [kg]
1349340	1 - 10	ER 16	34	34	70	20.6	50.9	M11x1	1.065
1349341	1 - 16	ER 25	44	44.4	70	24	50.9	M18x1.5	1.135
1349342	2 - 20	ER 32	52	52	70	26	50.9	M24x1.5	1.08
1349343	4 - 26	ER 40	62	62	70	29	50.9	M28x1.5	1.045

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or U_{max} < 1 gmm

ER P SK 40 L1=100
ER Precision collet chuck



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
available



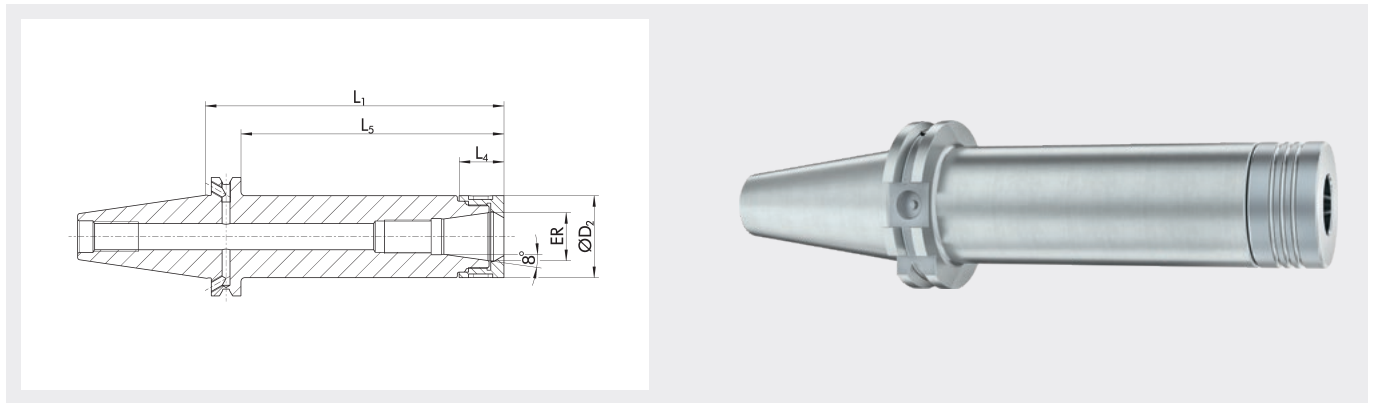
Internal cooling

Technical data

ID	Clamping range D1 [mm]	ER	D2 [mm]	D3 [mm]	L1 [mm]	L4 [mm]	L5 [mm]	G	Weight [kg]
1349383	1 - 10	ER 16	34	34	100	20.6	80.9	M11x1	1.22
1349384	1 - 16	ER 25	44	44.4	100	24	80.9	M18x1.5	1.5
1349385	2 - 20	ER 32	52	52	100	26	80.9	M24x1.5	1.68
1349386	4 - 26	ER 40	62	62	100	29	80.9	M28x1.5	1.8

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or U_{max} < 1 gmm



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
available



Internal cooling

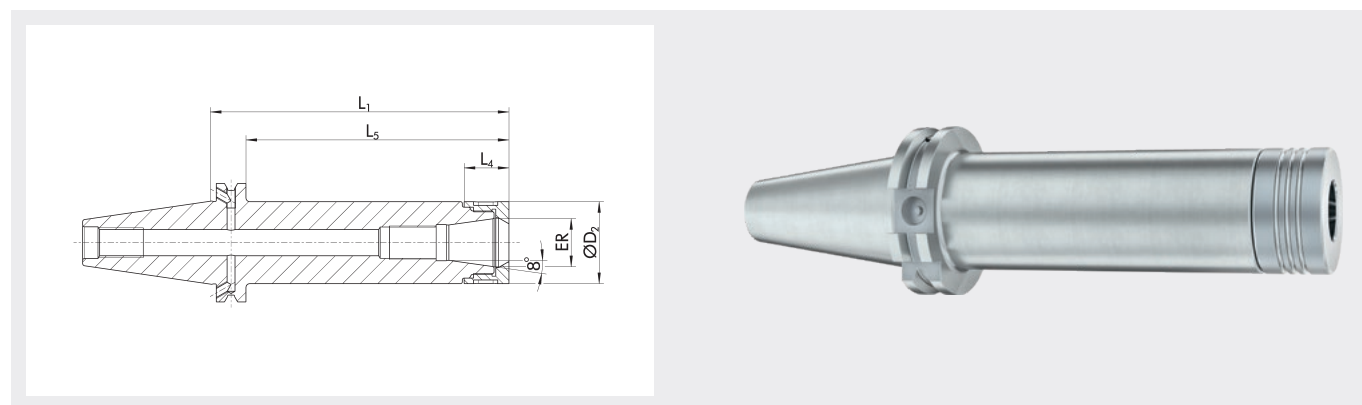
Technical data

ID	Clamping range D1	ER	D2	L1	L4	L5	G	Weight
	[mm]		[mm]	[mm]	[mm]	[mm]		[kg]
1474017	1 - 10	ER 16	34	130	20.6	110.9	M11x1	1.4
1474018	1 - 16	ER 25	44	130	24	110.9	M18x1.5	1.6
1474019	2 - 20	ER 32	52	130	26	110.9	M24x1.5	1.8

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or U_{max} < 1 gmm

ER P SK 40 L1=160
ER Precision collet chuck



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
available



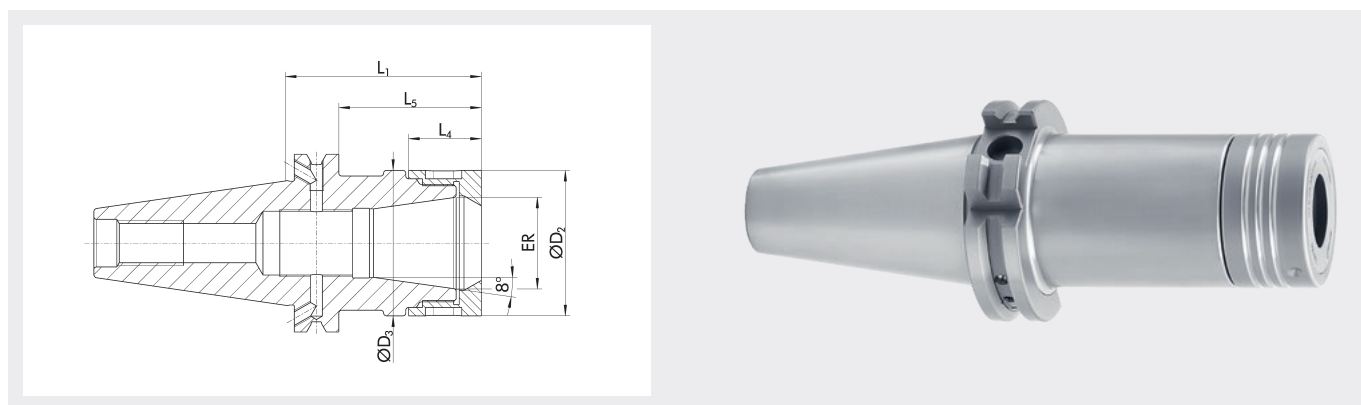
Internal cooling

Technical data

ID	Clamping range D1	ER	D2	L1	L4	L5	G	Weight
	[mm]		[mm]	[mm]	[mm]	[mm]		[kg]
1474024	1 - 10	ER 16	34	160	20.6	140.9	M11x1	2
1474025	1 - 16	ER 25	44	160	24	140.9	M18x1.5	2.3
1474026	2 - 20	ER 32	52	160	26	140.9	M24x1.5	2.6

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or U_{max} < 1 gmm



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
available



Internal cooling

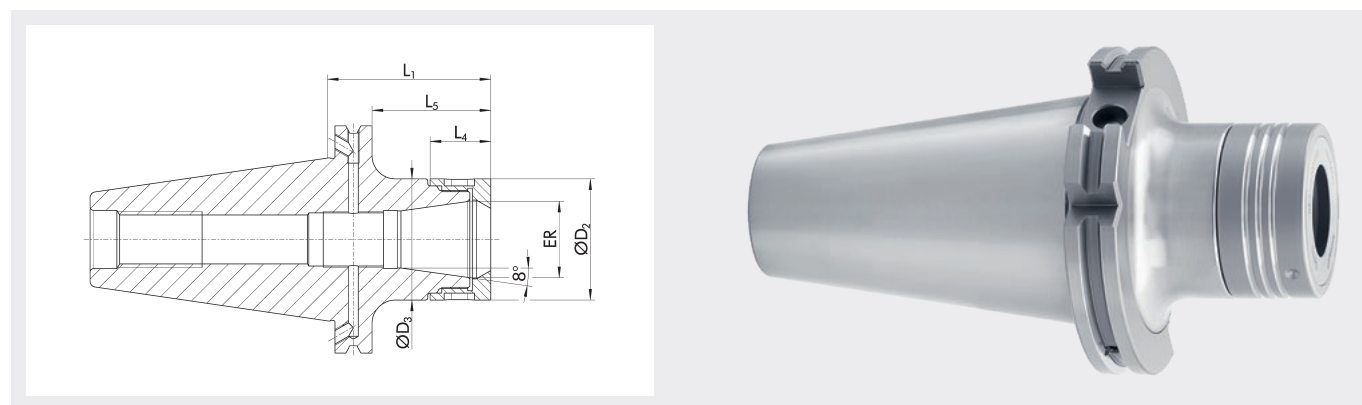
Technical data

ID	Variant	Clamping range D1 [mm]	ER	D2 [mm]	L1 [mm]	L4 [mm]	L5 [mm]	G	Weight [kg]
1474028	ER Mini	0.5 - 10	ER 16	24	100	20.6	80.9	M11x1	1

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or Umax < 1 gmm

ER P SK 50
ER Precision collet chuck



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
available



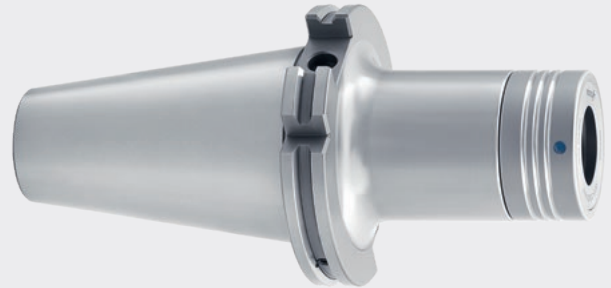
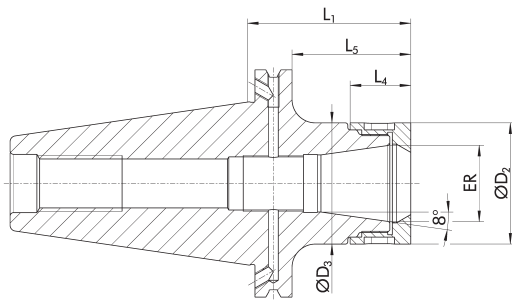
Internal cooling

Technical data

ID	Clamping range D1 [mm]	ER	D2 [mm]	D3 [mm]	L1 [mm]	L4 [mm]	L5 [mm]	G	Weight [kg]
1349312	1 - 16	ER 25	44	44	70	24	50.9	M18x1.5	3.01
1349313	2 - 20	ER 32	52	52	70	26	50.9	M24x1.5	3.065
1349314	4 - 26	ER 40	62	62	70	29	50.9	M28x1.5	3.08

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or Umax < 1 gmm



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
available



Internal cooling

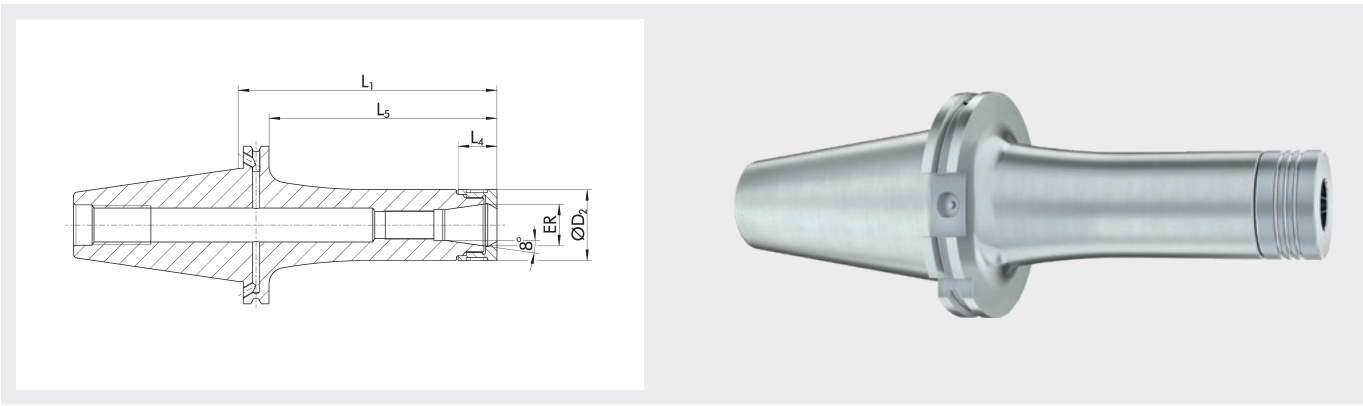
Technical data

ID	Clamping range D1 [mm]	ER	D2 [mm]	D3 [mm]	L1 [mm]	L4 [mm]	L5 [mm]	G	Weight [kg]
1349328	1 - 16	ER 25	44	44	100	24	80.9	M18x1.5	3.365
1349329	2 - 20	ER 32	52	52	100	26	80.9	M24x1.5	3.585
1349330	4 - 26	ER 40	62	62	100	29	80.9	M28x1.5	3.8

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or Umax < 1 gmm

ER P SK 50 L1=130
ER Precision collet chuck



Run-out accuracy
≤ 0.003 mm*

Balancing grade
G2.5 at 25,000 RPM*

Extra radial rigidity

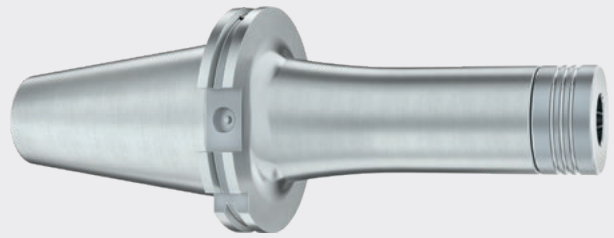
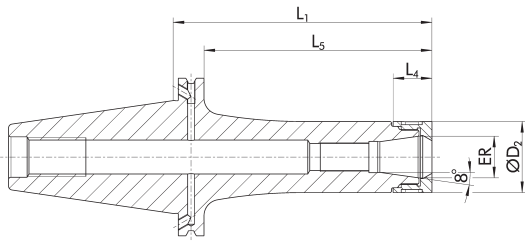
Data carrier hole
available

Internal cooling

Technical data

ID	Clamping range D1	ER	D2	L1	L4	L5	G	Weight
	[mm]		[mm]	[mm]	[mm]	[mm]		[kg]
1474217	1 - 16	ER 25	44	130	24	110.9	M18x1.5	3.6
1474218	2 - 20	ER 32	52	130	26	110.9	M24x1.5	3.9
1474219	4 - 26	ER 40	62	130	29	110.9	M28x1.5	4.2

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque
*Balancing grade: or Umax < 1 gmm



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
available



Internal cooling

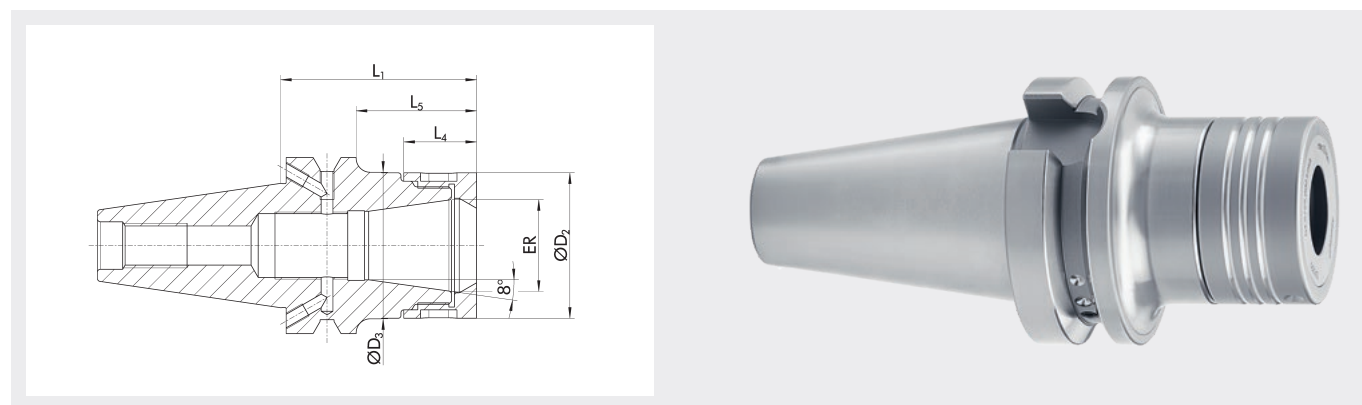
Technical data

ID	Clamping range D1	ER	D2	L1	L4	L5	G	Weight
	[mm]		[mm]	[mm]	[mm]	[mm]		[kg]
1474226	1 - 16	ER 25	44	160	24	140.9	M18x1.5	3.9
1474227	2 - 20	ER 32	52	160	26	140.9	M24x1.5	4.2
1474228	4 - 26	ER 40	62	160	29	140.9	M28x1.5	4.5

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or U_{max} < 1 gmm

ER P JIS-BT 30
ER Precision collet chuck



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
optionally possible



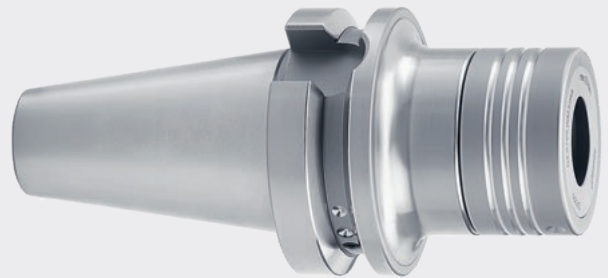
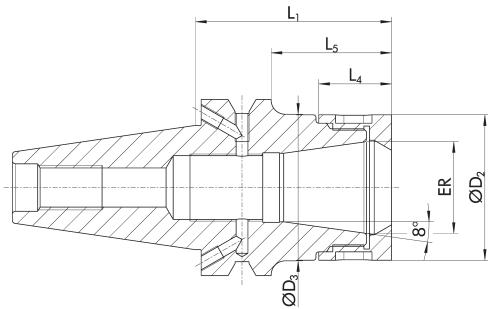
Internal cooling

Technical data

ID	Clamping range D1 [mm]	ER	D2 [mm]	D3 [mm]	L1 [mm]	L4 [mm]	L5 [mm]	G	Weight [kg]
1455267	1 - 10	ER 16	34	34	60	20.6	38	M11x1	0.52
1455268	1 - 16	ER 25	44	44	60	24	38	M18x1.5	0.54

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or U_{max} < 1 gmm



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
optionally possible



Internal cooling

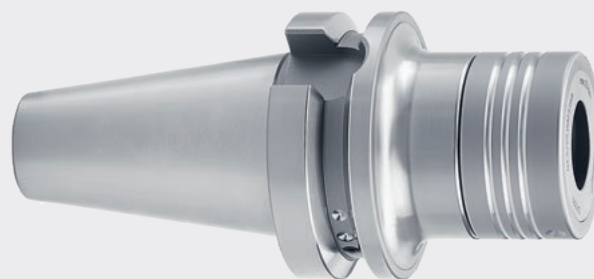
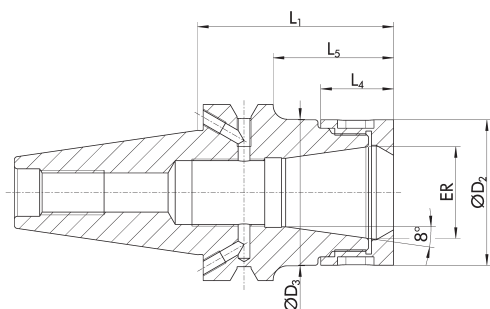
Technical data

ID	Variant	Clamping range D1 [mm]	ER	D2 [mm]	L1 [mm]	L4 [mm]	L5 [mm]	G	Weight [kg]
1474232	ER Mini	0.5 – 10	ER 16	44	70	20.6	48	M11x1	0.75

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or Umax < 1 gmm

ER P JIS-BT 40
ER Precision collet chuck



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
optionally possible



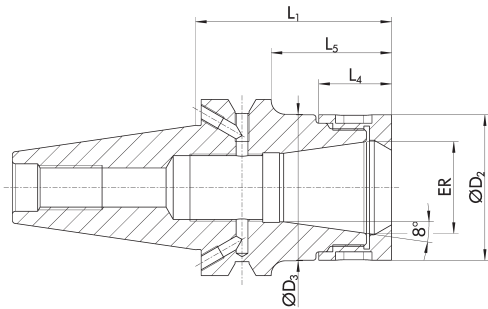
Internal cooling

Technical data

ID	Clamping range D1 [mm]	ER	D2 [mm]	D3 [mm]	L1 [mm]	L4 [mm]	L5 [mm]	G	Weight [kg]
1349298	1 - 10	ER 16	34	34	70	20.6	43	M11x1	1.185
1349299	1 - 16	ER 25	44	44	70	24	43	M18x1.5	1.215
1349300	2 - 20	ER 32	52	52	70	26	43	M24x1.5	1.21
1349301	4 - 26	ER 40	62	62	70	29	43	M28x1.5	1.31

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or U_{max} < 1 gmm



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
optionally possible



Internal cooling

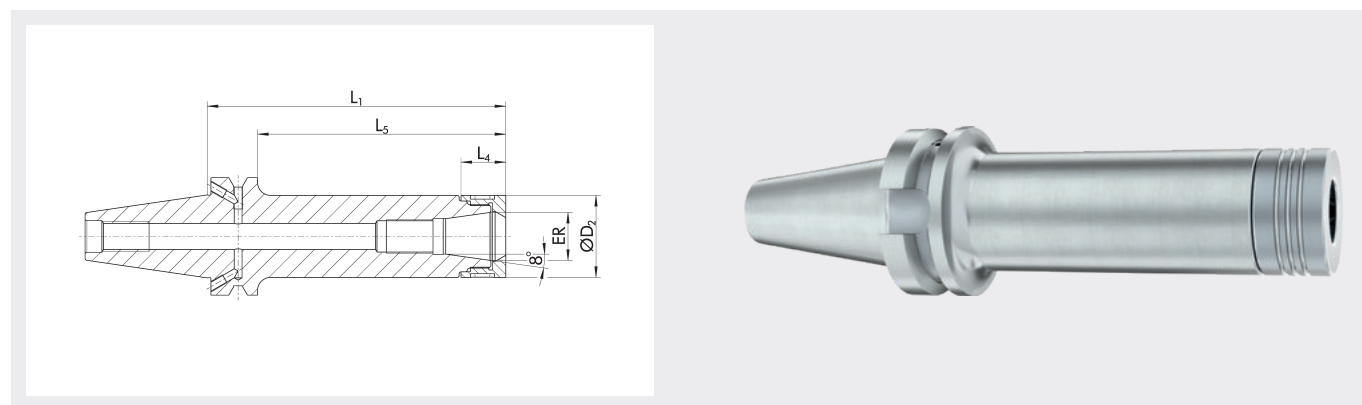
Technical data

ID	Clamping range D1 [mm]	ER	D2 [mm]	D3 [mm]	L1 [mm]	L4 [mm]	L5 [mm]	G	Weight [kg]
1349306	1 - 10	ER 16	34	34	100	20.6	73	M11x1	1.4
1349307	1 - 16	ER 25	44	44	100	24	73	M18x1.5	1.62
1349308	2 - 20	ER 32	52	52	100	26	73	M24x1.5	1.7
1349309	4 - 26	ER 40	62	62	100	29	73	M28x1.5	2.01

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or U_{max} < 1 gmm

ER P JIS-BT 40 L1=130
ER Precision collet chuck



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
optionally possible



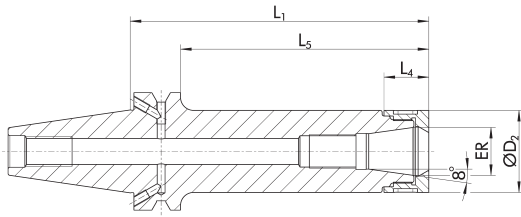
Internal cooling

Technical data

ID	Clamping range D1	ER	D2	L1	L4	L5	G	Weight
	[mm]		[mm]	[mm]	[mm]	[mm]		[kg]
1474374	1 - 10	ER 16	34	130	20.6	103	M11x1	1.6
1474375	1 - 16	ER 25	44	130	24	103	M18x1.5	1.85
1474376	2 - 20	ER 32	52	130	26	103	M24x1.5	1.95

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or Umax < 1 gmm



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
optionally possible



Internal cooling

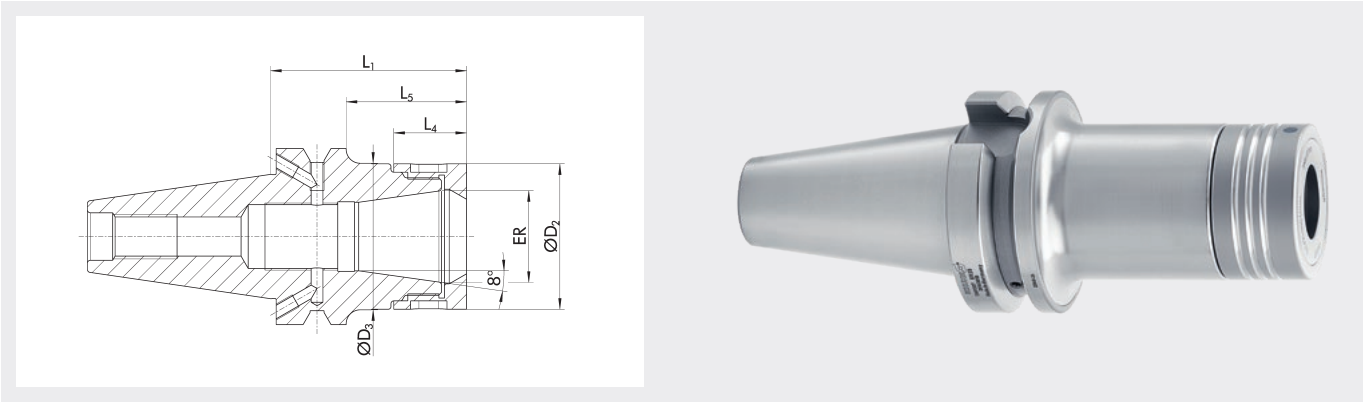
Technical data

ID	Clamping range D1	ER	D2	L1	L4	L5	G	Weight
	[mm]		[mm]	[mm]	[mm]	[mm]		[kg]
1474379	1 - 10	ER 16	34	160	20.6	133	M11x1	1.8
1474380	1 - 16	ER 25	44	160	24	133	M18x1.5	2.05
1474381	2 - 20	ER 32	52	160	26	133	M24x1.5	2.2

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or U_{max} < 1 gmm

ER P Mini JIS-BT 40 L1=100
 ER Precision collet chuck



Run-out accuracy
 ≤ 0.003 mm*

Balancing grade
 G2.5 at 25,000 RPM*

Extra radial rigidity

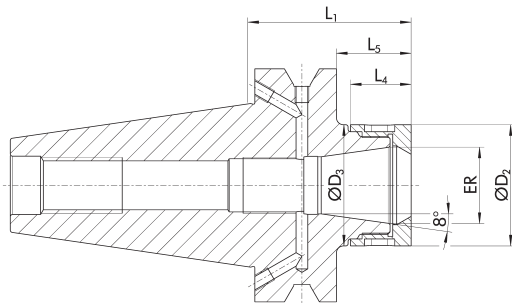
Data carrier hole
 optionally possible

Internal cooling

Technical data

ID	Variant	Clamping range D1 [mm]	ER	D2 [mm]	L1 [mm]	L4 [mm]	L5 [mm]	G	Weight [kg]
1474389	ER Mini	0.5 – 10	ER 16	24	100	20.6	73	M11x1	1

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque
 *Balancing grade: or Umax < 1 gmm



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
optionally possible



Internal cooling

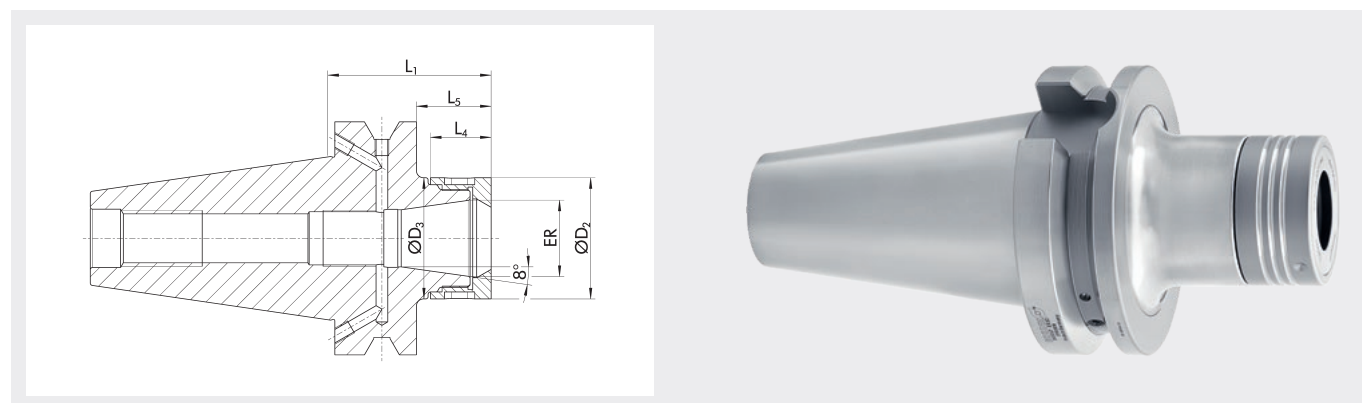
Technical data

ID	Clamping range D1 [mm]	ER	D2 [mm]	D3 [mm]	L1 [mm]	L4 [mm]	L5 [mm]	G	Weight [kg]
1349240	1 - 16	ER 25	44	44	70	24	32	M18x1.5	3.795
1349243	2 - 20	ER 32	52	52	70	26	32	M24x1.5	3.97
1349244	4 - 26	ER 40	62	62	70	29	32	M28x1.5	3.96

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or Umax < 1 gmm

ER P JIS-BT 50 L1=100
ER Precision collet chuck



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
optionally possible



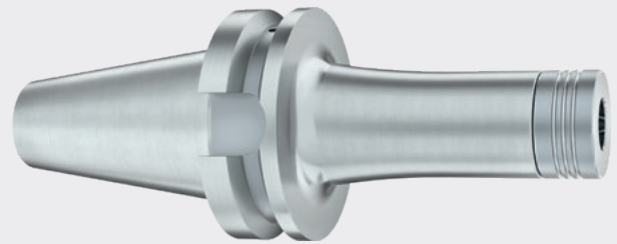
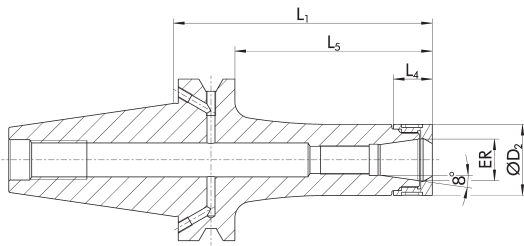
Internal cooling

Technical data

ID	Clamping range D1 [mm]	ER	D2 [mm]	D3 [mm]	L1 [mm]	L4 [mm]	L5 [mm]	G	Weight [kg]
1349246	1 - 16	ER 25	44	44	100	24	62	M18x1.5	4.105
1349247	2 - 20	ER 32	52	52	100	26	62	M24x1.5	4.3
1349248	4 - 26	ER 40	62	62	100	29	62	M28x1.5	4.43

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or Umax < 1 gmm



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
optionally possible



Internal cooling

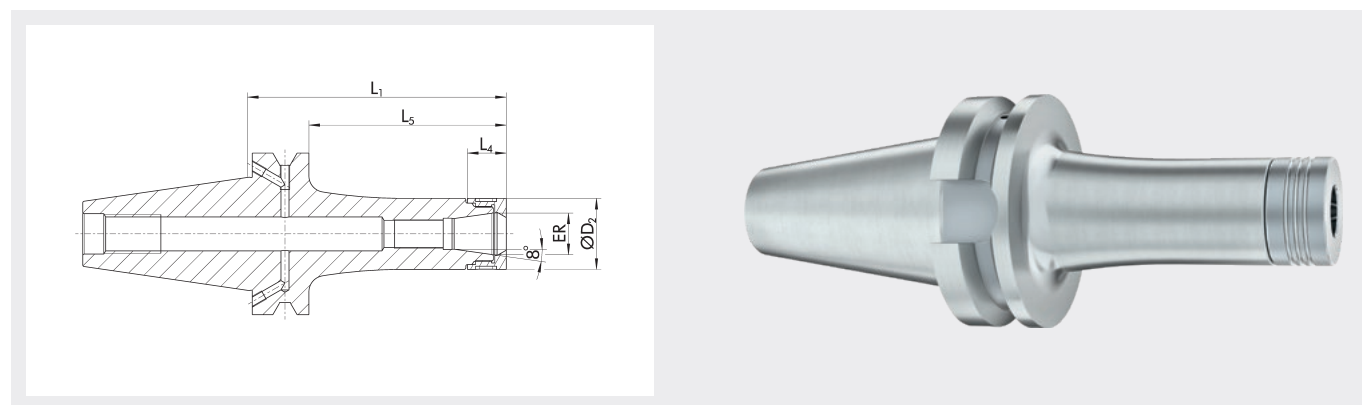
Technical data

ID	Clamping range D1	ER	D2	L1	L4	L5	G	Weight
	[mm]		[mm]	[mm]	[mm]	[mm]		[kg]
1474410	1 - 16	ER 25	44	130	24	92	M18x1.5	4.4
1474411	2 - 20	ER 32	52	130	26	92	M24x1.5	4.7
1474412	4 - 26	ER 40	62	130	29	92	M28x1.5	4.9

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or Umax < 1 gmm

ER P JIS-BT 50 L1=160
ER Precision collet chuck



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
optionally possible



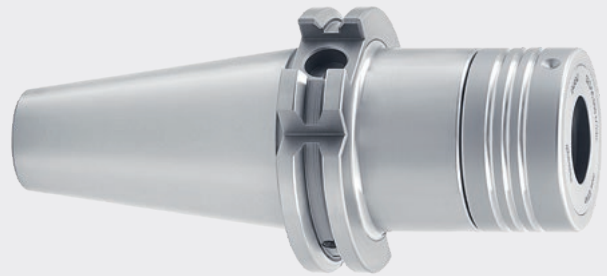
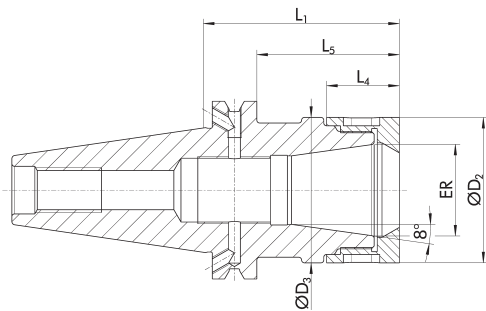
Internal cooling

Technical data

ID	Clamping range D1	ER	D2	L1	L4	L5	G	Weight
	[mm]		[mm]	[mm]	[mm]	[mm]		[kg]
1474413	1 - 16	ER 25	44	160	24	122	M18x1.5	4.94
1474414	2 - 20	ER 32	52	160	26	122	M24x1.5	5.24
1474415	4 - 26	ER 40	62	160	29	122	M28x1.5	6.14

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or Umax < 1 gmm



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
optionally possible



Internal cooling

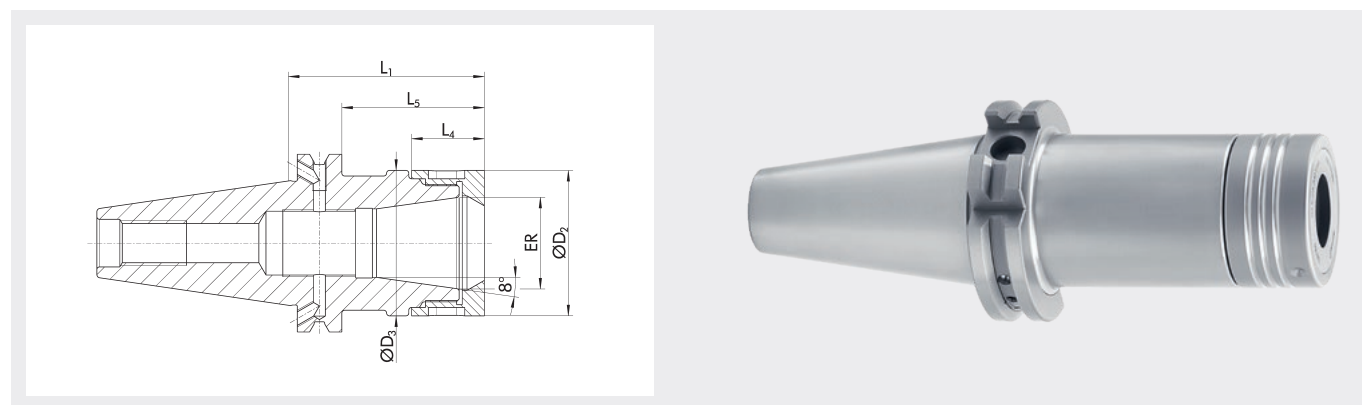
Technical data

ID	Clamping range D1	ER	D2 [mm]	D3 [mm]	L1 [mm]	L4 [mm]	L5 [mm]	Weight [kg]
1342361	1 - 16	ER 25	44	44	50.8	24	31.7	1.03
1342369	2 - 20	ER 32	52	52	63.5	26	44.4	1.14

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or Umax < 1 gmm

ER P CAT 40 L1=4"
ER Precision collet chuck



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Extra radial rigidity



Data carrier hole
optionally possible



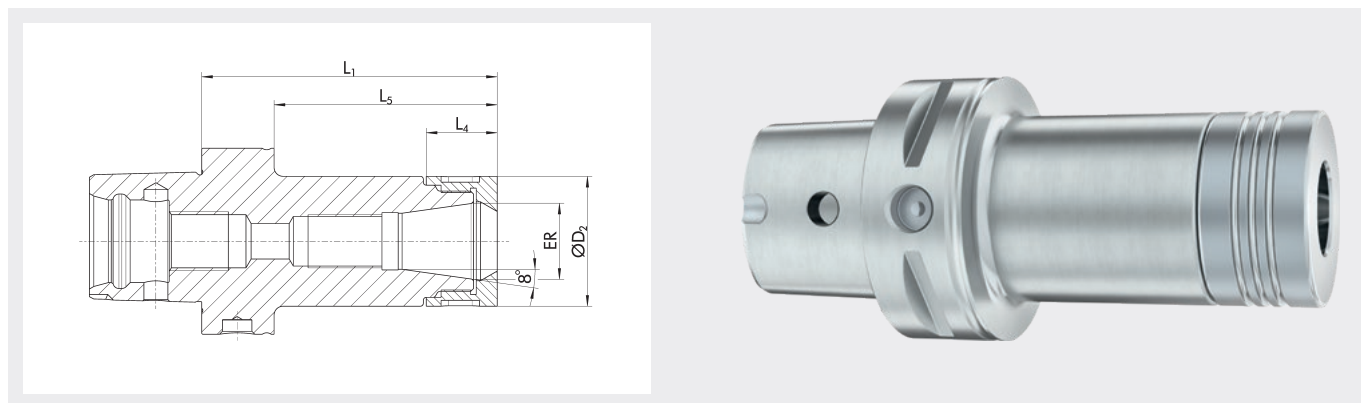
Internal cooling

Technical data

ID	Clamping range D1	ER	D2	D3	L1	L4	L5	Weight
	[mm]		[mm]	[mm]	[mm]	[mm]	[mm]	[kg]
1349018	1 - 16	ER 25	44	44	101.6	24	82.5	1.59
1349019	2 - 20	ER 32	52	52	101.6	26	82.5	1.68

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or U_{max} < 1 gmm



Technical data

ID	Clamping range D1	ER	D2	L1	L4	L5	G	Weight
	[mm]		[mm]	[mm]	[mm]	[mm]		[kg]
1474529	1 - 10	ER 16	34	100	20.6	75.5	M11x1	1.18
1474530	1 - 16	ER 25	44	100	24	75.5	M18x1.5	1.38
1474531	2 - 20	ER 32	52	100	26	75.5	M24x1.5	1.5

*Run-out accuracy: at 2.5 x D using the ER precision collets and a defined tightening torque

*Balancing grade: or Umax < 1 gmm



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