



T | E | N | D | O® E compact

**Compact. Powerful.
Allrounder.**

Hand in hand for tomorrow

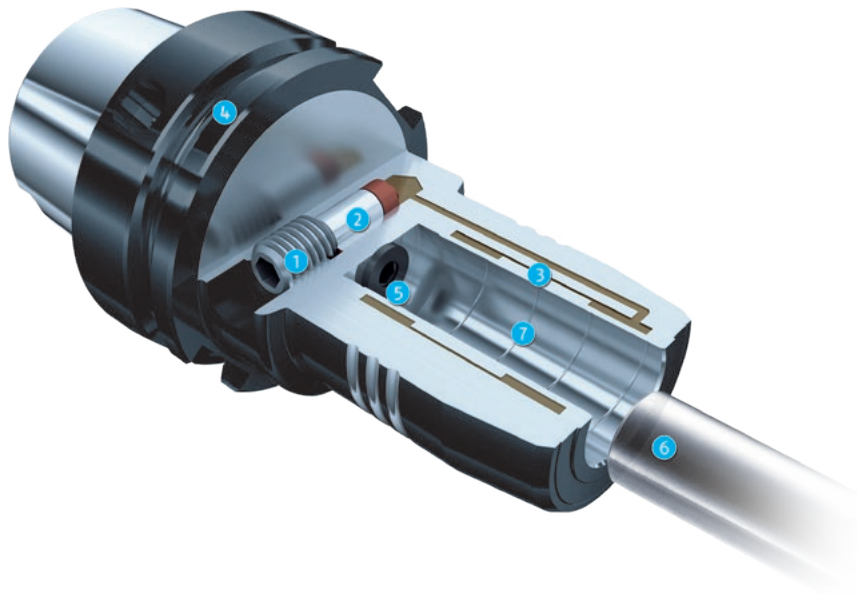
The TENDO E compact hydraulic expansion toolholder impresses when milling, drilling, reaming, thread machining, and in HPC applications. And all that with an up to 300% longer tool service life. The Dual Contact variant with simultaneous taper and flat work surface closes the interface-related gap between tool flange and the front of the machine spindle with the interface of the flat work surface.

For volume cutting, milling, drilling, reaming, thread cutting and HPC applications



Advantages – Your benefits

- + High torque for maximum volume machining**
Its compact design ensures high holding forces and thus a high torque transmission
- + High radial rigidity**
No lateral deflection during the metal cutting process and high shape accuracy of the workpiece combined with optimal removal rates
- + High level of flexibility**
Clamping of different diameters due to the use of slotted or coolant-proof intermediate sleeves
- + Fine-balanced by default**
Suitable for high speeds and HPC/HSC machining centers with a balancing grade of G2.5 at 25,000 RPM
- + Excellent vibration damping**
Micro-blowouts are prevented, optimal workpiece surfaces, machine spindle protection, increased tool service life resulting in a reduction of costs
- + Permanent run-out and repeat accuracy ≤ 0.003 mm**
Even cutting action, increased tool service life, and reduced costs for regrinding or buying new tools
- + Micron-precise tool change within seconds without peripheral equipment**
Time saving through reduction of set-up time and no investment and energy costs due to additional clamping devices
- + Dirt grooves for reliable torque transmission**
Dry clamping surfaces, by displacement of oil, grease or lubricant residues into the dirt groove
- + Comprehensive compatibility**
Can be ideally combined with TRIBOS SVL tool extensions
- + All commercially available tool shank types can be clamped**
Form A: with smooth cylindrical shank, shank form A in accordance with DIN 1835 and DIN 6535 HA Form AB: with flat face and cylindrical shank with pulling face, shank form B in accordance with DIN 1835 and DIN 6535 HB Form B: with lateral pulling faces, shank form B in accordance with DIN 1835 Form E: with inclined clamping face, shank form E in accordance with DIN 1835 and DIN 6535 HE



1 Clamping screw

The clamping screw is used to actuate the clamping piston. Clamp the clamping screw to dead stop using an Allen key. A torque wrench is not needed.

2 Clamping piston

The clamping piston compresses the hydraulic fluid into the oil chamber system.

3 Expansion sleeve and oil chamber

The expansion sleeve evenly expands against the tool shank. The tool shank is centered first and then clamped powerfully and uniformly over the entire surface during this clamping process. When the chamber system is filled with hydraulic fluid, it has a damping effect on the clamped tool. Wear on the cutting edge is minimized and service life increases by up to 40%.

4 Base body

The machine-side interface is located on the base body.

5 Length-setting screw

For fast and easy tool presetting.

6 Tool

The tool is centrally clamped to the center axis – highest run-out and repeat accuracy of < 0.003 mm.

7 Dirt groove

The enormous clamping pressure of the TENDO E compact hydraulic expansion toolholder creates a displacement of oil, grease, or lubricant residues into the groove, as a result of which the clamping surfaces remain dry.

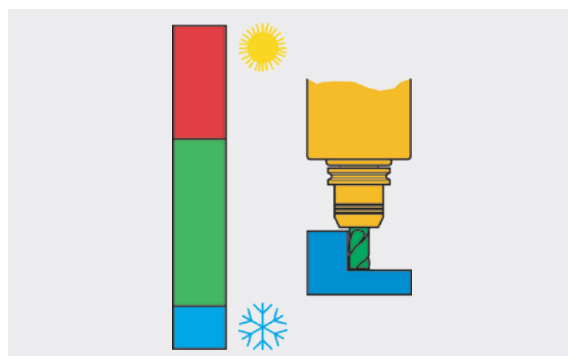
Clamping force test

The clamping force in the clamping system can be tested at any time in a matter of seconds by using a test shaft.



Optimum temperature range

All technical data in the catalog applies to a normal temperature range between 20 – 25°C. The optimum operating temperature range is between 20 and 50 °C. Higher temperature ranges are possible upon request.



Excellent vibration damping

Micro-blowouts on the cutting edge of the tool are prevented, thus achieving optimum workpiece surfaces. The spindle performance will be enhanced, the tool service life is considerably increased and costs reduced.



High flexibility due to the use of intermediate sleeves

The application of slotted or coolant-proof intermediate sleeves enables clamping of different tool diameters using the same toolholder. This is why a toolholder can be used flexibly within the clamping range.

The run-out accuracy of the intermediate sleeve is ≤ 0.003 mm.



Dirt grooves for reliable torque transmission

The enormous clamping pressure of the TENDO hydraulic expansion toolholder creates a displacement of oil, grease, or lubricant residues into the dirt groove. This results in the clamping face remaining dry and reliable torque transmission is guaranteed.



Dirt resistance for a long-lasting functional reliability

The completely enclosed TENDO system prevents the penetration of dirt, chips, coolants, and grease. The clamping range is not damaged, functionality and perfect tool clamping system remain fully preserved. TENDO hydraulic expansion toolholders are low-maintenance and enjoy a long service life.



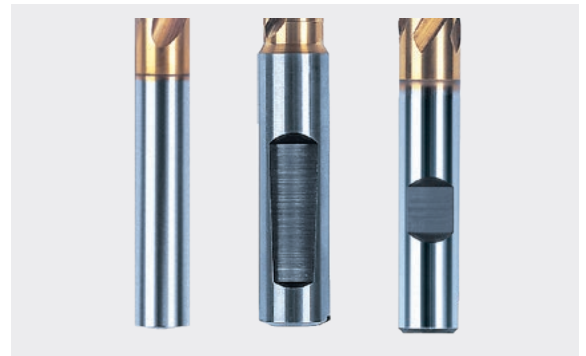
All commercially available tool shank types can be clamped

Form A: with smooth cylindrical shank, shank form A in accordance with DIN 1835 and DIN 6535 HA

Form AB: with flat face and cylindrical shank with pulling face, shank form B in accordance with DIN 1835 and DIN 6535 HB

Form B: with lateral pulling faces, shank form B in accordance with DIN 1835

Form E: with inclined clamping face, shank form E in accordance with DIN 1835 and DIN 6535 HE



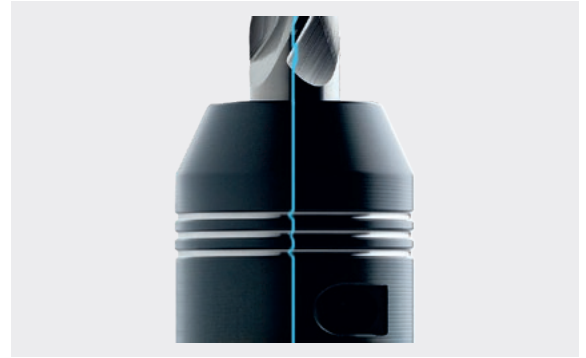
The set-up time killer! Precise tool change without peripheral equipment

With a few simple actions, the tool can be changed quickly and process reliably. Time savings due to reduced set-up times and no investment costs for additional clamping devices.



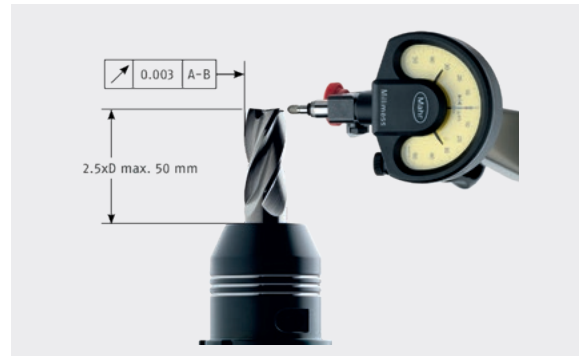
Fine-balanced by default

With a balancing grade of G 2.5 at 25,000 RPM, the TENDO E compact variants are suitable for high speeds, making them ideal for HPC/high-speed cutting machining centers.



Run-out and repeat accuracy

Highest, permanent run-out and repeat accuracy of < 0.003 mm ensure an even cutting action. This minimizes wear to the cutting edges of the tool, increases tool service life considerably, and reduces the costs incurred for regrinding or buying new tools.



High torque for maximum volume machining

Its compact design ensures strong holding forces and thus a high torque transmission. Now up to 2,000 Nm (with Ø 32 mm) and 900 Nm (with Ø 20 mm) under dry clamping conditions, 900 Nm (with Ø 32 mm) and 520 Nm (with Ø 20 mm) with oily tool shanks.

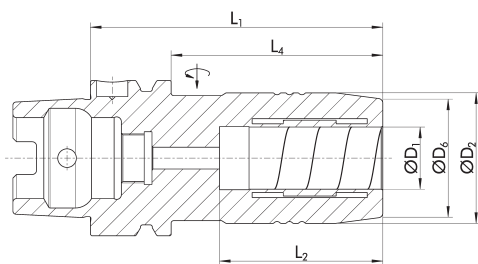


High radial rigidity

A robust base body ensures optimal radial stiffness, and prevents lateral deflection during the metal cutting process. This ensures highest dimensional accuracy on the workpiece, and maximum removal rates (e.g. 400 cm³/min for 42CrMo4*).



TENDO EC HSK-A 50



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Short set-up time



Extra radial rigidity



HPC



Data carrier hole
available

Technical data

ID	D1 [mm]	D2 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L4 [mm]	Mmin [Nm]	Weight [kg]	
20055171	20	42	38	94	52.5	68	520	1.32	9205650

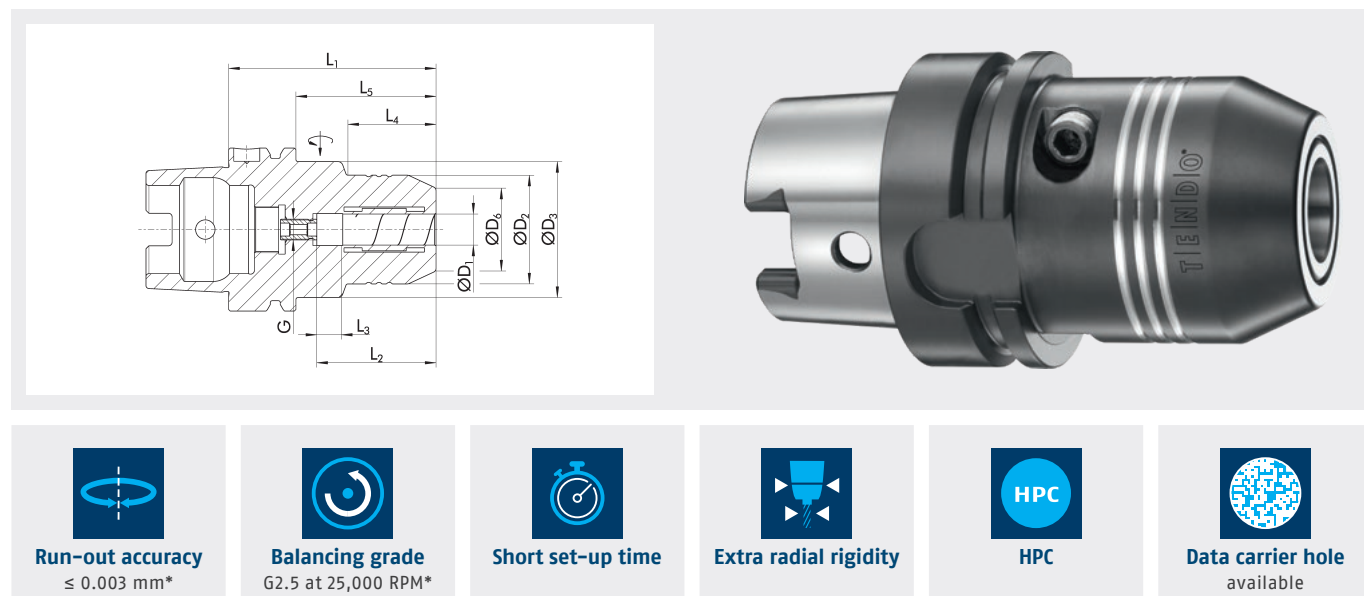
*Run-out accuracy: at 2.5 x D

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC HSK-A 63



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Short set-up time



Extra radial rigidity



HPC



Data carrier hole
available

Technical data

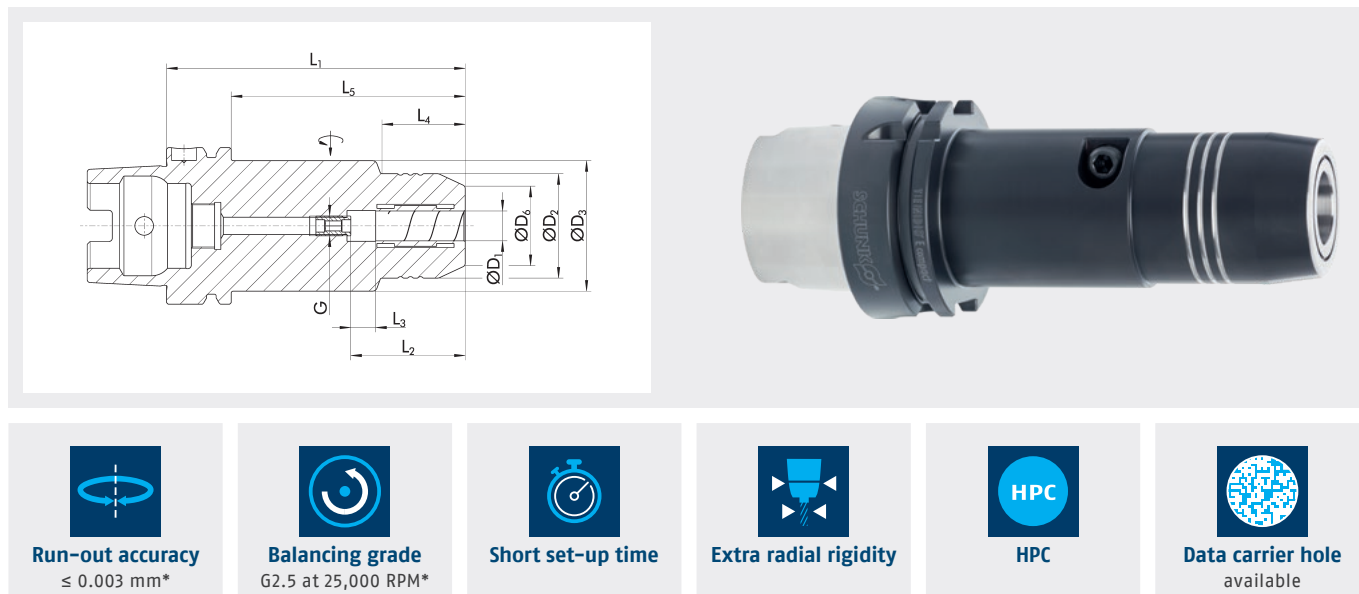
ID	D1 [mm/Inch]	D2 [mm]	D3 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	G	Mmin [Nm]	Weight [kg]	
0206404	12	42	52.5	32	80	46	10	34	54	M8x1	110	1.25	9205650
0206405	16	52.5		38	80	51	10	54		M8x1	350	1.3	9205650
0206406	20	52.5		38	80	51	10	54		M8x1	520	1.32	9205650
0206456	3/4"	52.5		38	80	51	10	54		M8x1	520	1.3	9205650

*Run-out accuracy: at 2.5 x D; run-out at L1 = 130 mm: ≤ 0.005 mm at 2.5 x D

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC HSK-A 63 L₁ = 120


Technical data

ID	D1 [mm]	D2 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	G	Mmin [Nm]	Weight [kg]	
1323447	32	62.5	58.5	120	61	10	94	M8x1	800	2	9205650

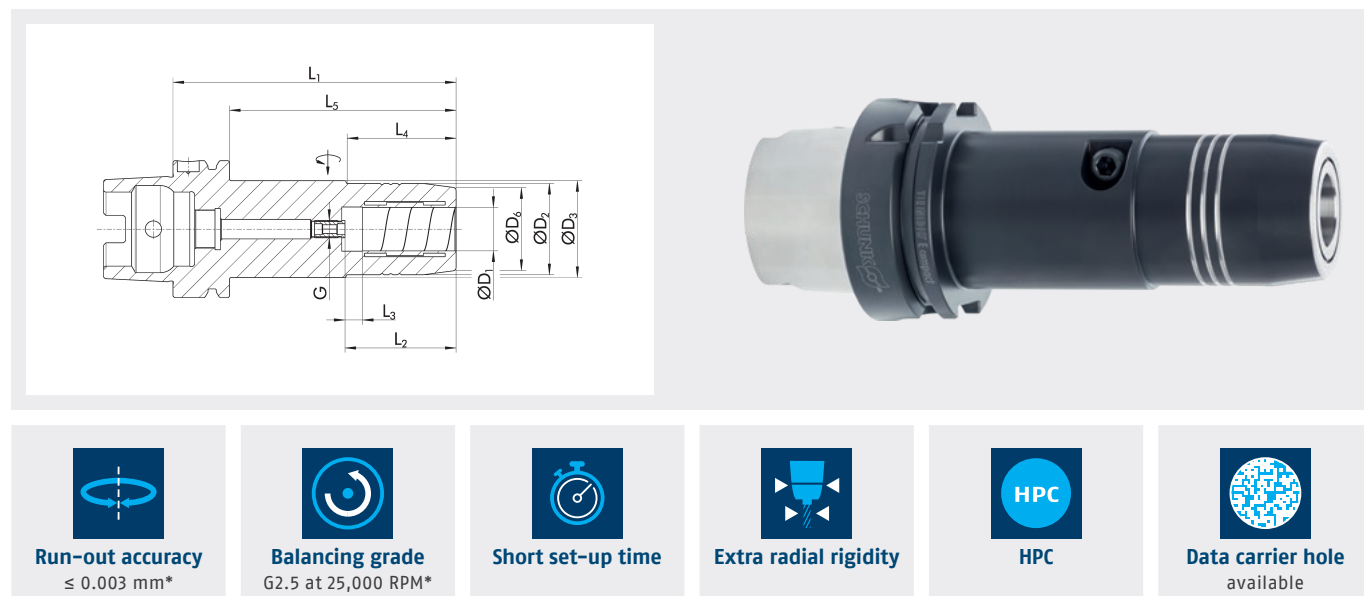
*Run-out accuracy: at 2.5 x D; run-out at L₁ = 130 mm: ≤ 0.005 mm at 2.5 x D

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

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC HSK-A 63 L₁ =130



Technical data

ID	D1 [mm/Inch]	D2 [mm]	D3 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	G	Mmin [Nm]	Weight [kg]	
20064356	12	42	44.5	32	130	46	10	32	104	M8x1	110	1.73	9205650
1431660	16	42	44.5	38	130	51	10	50	104	M8x1	350	1.8	9205650
20064357	20	42	44.5	38	130	51	10	50	104	M8x1	400	1.68	9205650
1000071	3/4"	42	44.5	38	130	51	10	50	104	M8x1	400	1.9	9205650

*Run-out accuracy: at 2.5 x D; run-out at L1 = 130 mm: ≤ 0.005 mm at 2.5 x D

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC HSK-A 100



Technical data

ID	D1 [mm/Inch]	D2 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	G	Mmin [Nm]	Weight [kg]	
1368215	16	52.5	38	90	51	10	61	M8x1	350	2.8	9205650
0206566	20	52.5	38	90	51	10	61	M8x1	520	2.8	9205650
0206568	32	72	58.5	100	61	10	71	M8x1	900	3.8	9205660
1319625	1 1/4"	72	58.5	100	61	10	71	M8x1	900	3.8	9205660

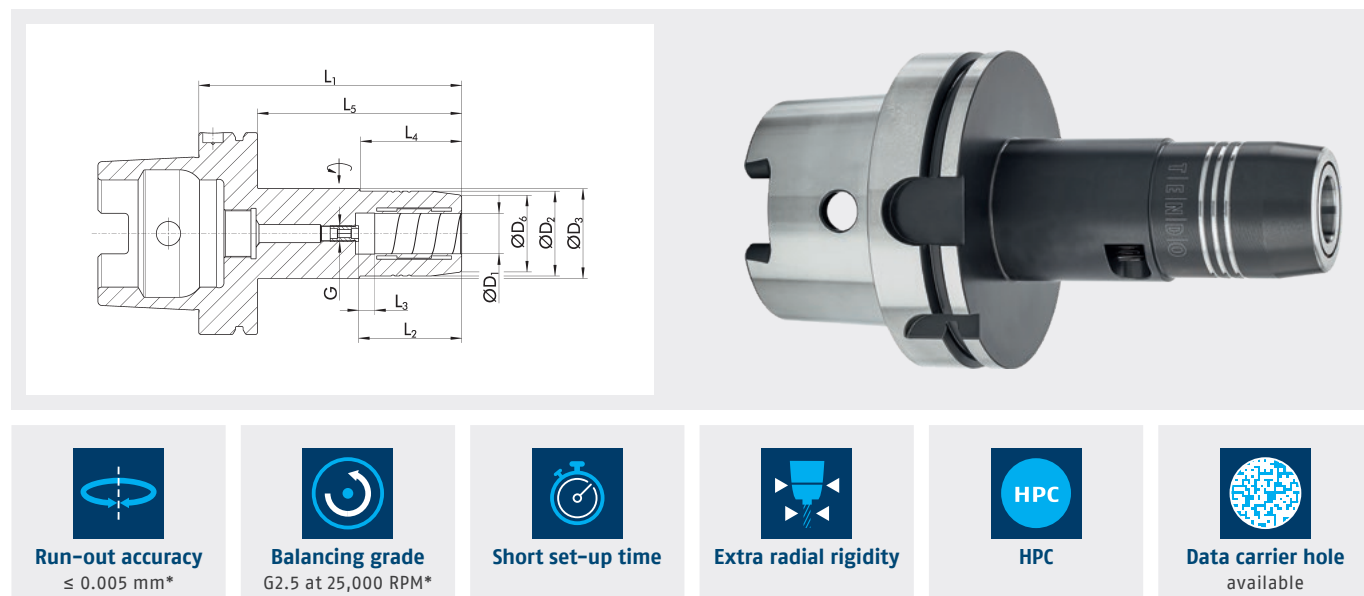
*Run-out accuracy: at 2.5 x D; run-out at L1 = 130 mm: ≤ 0.005 mm at 2.5 x D

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC HSK-A 100 L₁ =130



Run-out accuracy
≤ 0.005 mm*



Balancing grade
G2.5 at 25,000 RPM*



Short set-up time



Extra radial rigidity



HPC



Data carrier hole
available

Technical data

ID	D1 [mm]	D2 [mm]	D3 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	G	Mmin [Nm]	Weight [kg]	
1420672	20	42	44.5	38	130	51	10	50	101	M8x1	400	3.1	9205650
1420673	32	62.5		58.5	130	61	10	101		M8x1	900	3.3	9205660

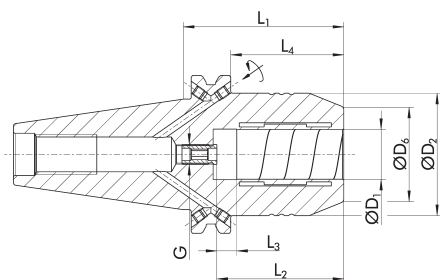
*Run-out accuracy: at 2.5 x D; run-out at L₁ = 130 mm: ≤ 0.005 mm at 2.5 x D

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

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC SK 40



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Short set-up time



Extra radial rigidity



HPC



Data carrier hole
available

Technical data

ID	D1 [mm]	D2 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	G	Mmin [Nm]	Weight [kg]	
0206414	12	42	32	50	46	10	30.9	M8x1	110	1.1	9205650
0206415	16	49.25	38	64.5	51	10	45.4	M8x1	350	1.2	9205650
0206416	20	49.25	38	64.5	51	10	45.4	M8x1	520	1.3	9205650
1340921	32	62.5	58.5	115	61	10	95.95	M8x1	800	2.6	9205660

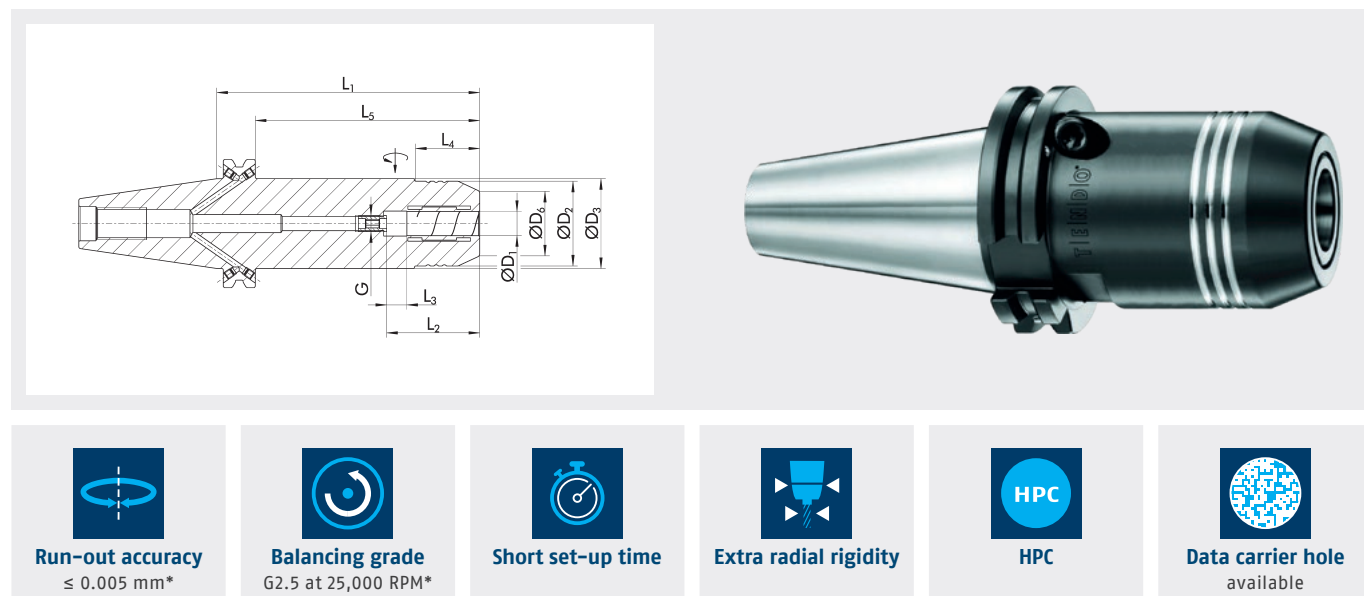
*Run-out accuracy: at 2.5 x D; run-out at L1 = 130 mm: ≤ 0.005 mm at 2.5 x D

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC SK 40 L₁ =130



Run-out accuracy
≤ 0.005 mm*



Balancing grade
G2.5 at 25,000 RPM*



Short set-up time



Extra radial rigidity



HPC



Data carrier hole
available

Technical data

ID	D1 [mm]	D2 [mm]	D3 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	G	Mmin [Nm]	Weight [kg]	
20064358	12	42	44.5	32	130	46	10	32	110.9	M8x1	110	1.7	9205650
1439112	16	42	44.5	38	130	51	10	50	110.9	M8x1	400	1.7	9205650
20064359	20	42	44.5	38	130	51	10	50	110.9	M8x1	400	1.7	9205650

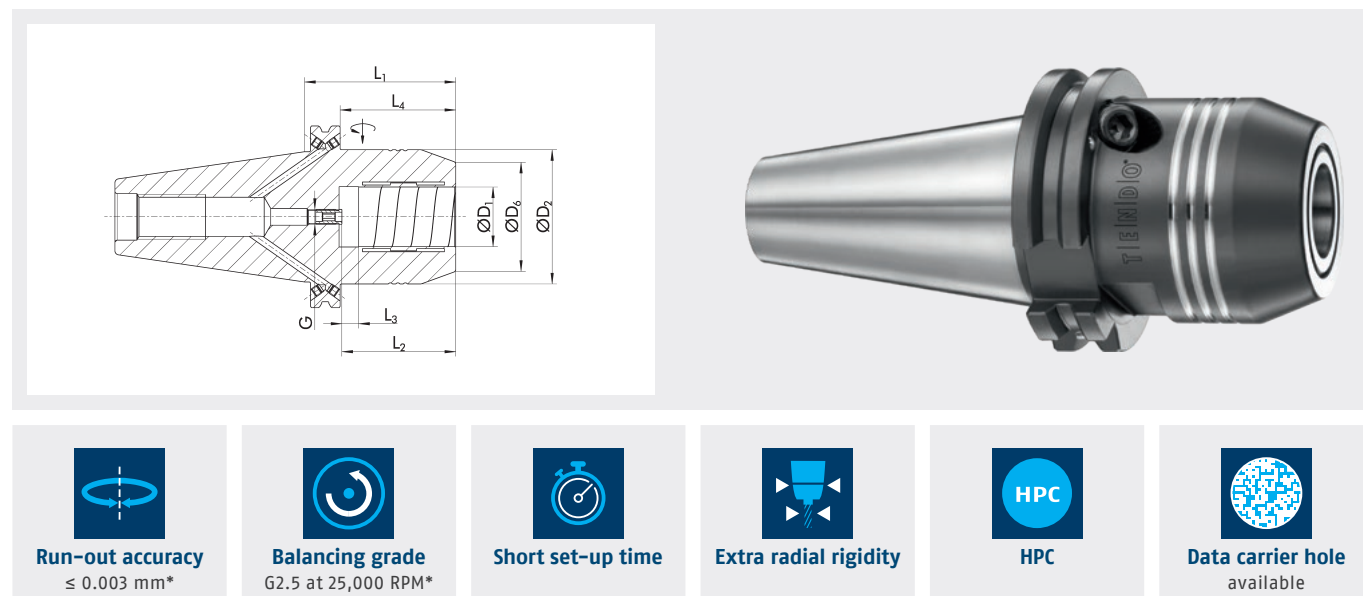
*Run-out accuracy: at 2.5 x D; run-out at L₁ = 130 mm: ≤ 0.005 mm at 2.5 x D

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

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC SK 50



Technical data

ID	D1 [mm]	D2 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	G	Mmin [Nm]	Weight [kg]	
0206424	12	42	32	50	46	10	30.9	M8x1	110	2.8	9205650
0206426	20	49.25	38	64.5	51	10	45.4	M8x1	520	3.1	9205650
0206428	32	72	58.5	81	61	10	61.9	M8x1	900	4.1	9205660

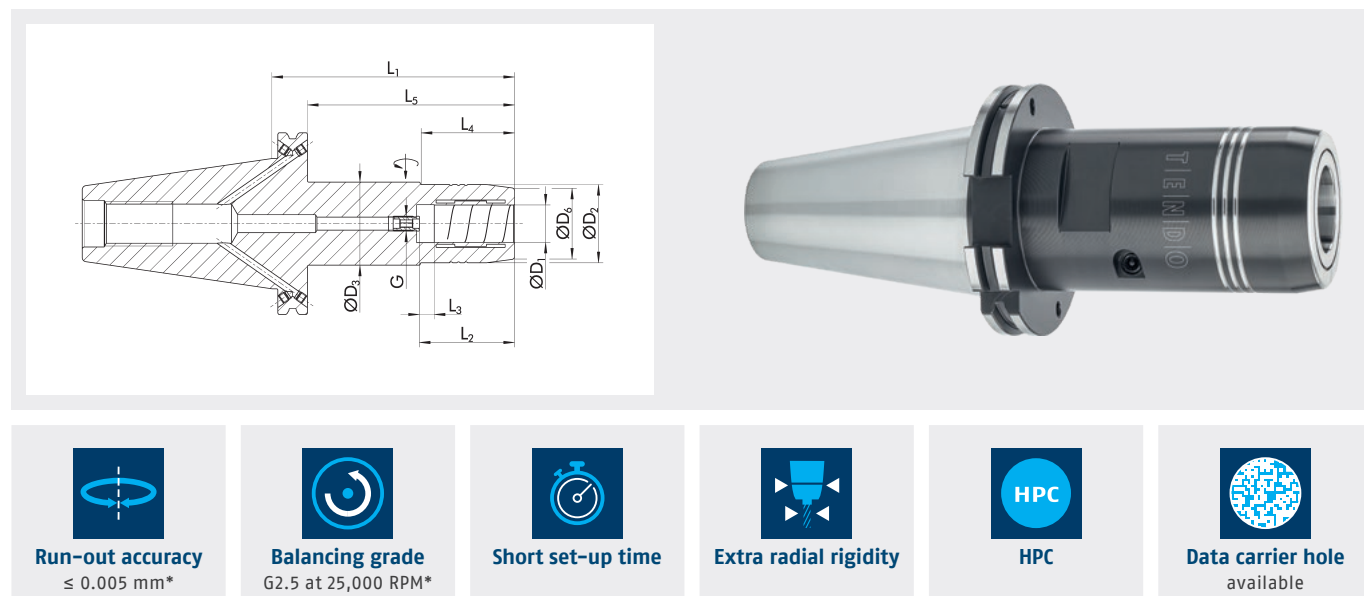
*Run-out accuracy: at 2.5 x D; run-out at L1 = 130 mm: ≤ 0.005 mm at 2.5 x D

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC SK 50 L₁ =130



Technical data

ID	D1 [mm]	D2 [mm]	D3 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	G	Mmin [Nm]	Weight [kg]	
1420630	20	42	44.5	38	130	51	10	50	111	M8x1	400	3.6	9205650
1420631	32	62.5		58.5	130	61	10	111		M8x1	900	4.9	9205660

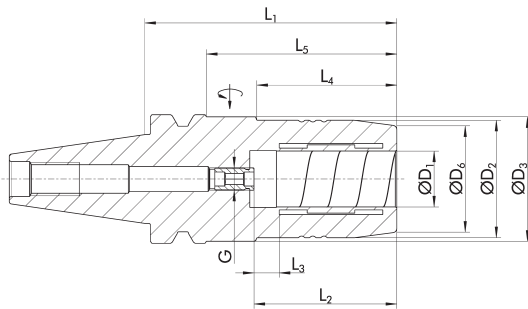
*Run-out accuracy: at 2.5 x D; run-out at L₁ = 130 mm: ≤ 0.005 mm at 2.5 x D

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

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC JIS-BT 30



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Short set-up time



Extra radial rigidity



HPC



Data carrier hole
available

Technical data

ID	D1 [mm]	D2 [mm]	D3 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	G	Mmin [Nm]	Weight [kg]	
0206554	12	42	44.5	32	69	46	10	32	47	M8x1	110	0.6	9205650
20066124	16	42	44.5	38	90	51	10	50	68	M8x1	350	0.6	9205650
0206556	20	42	44.5	38	90	51	10	50	68	M8x1	400	0.9	9205650

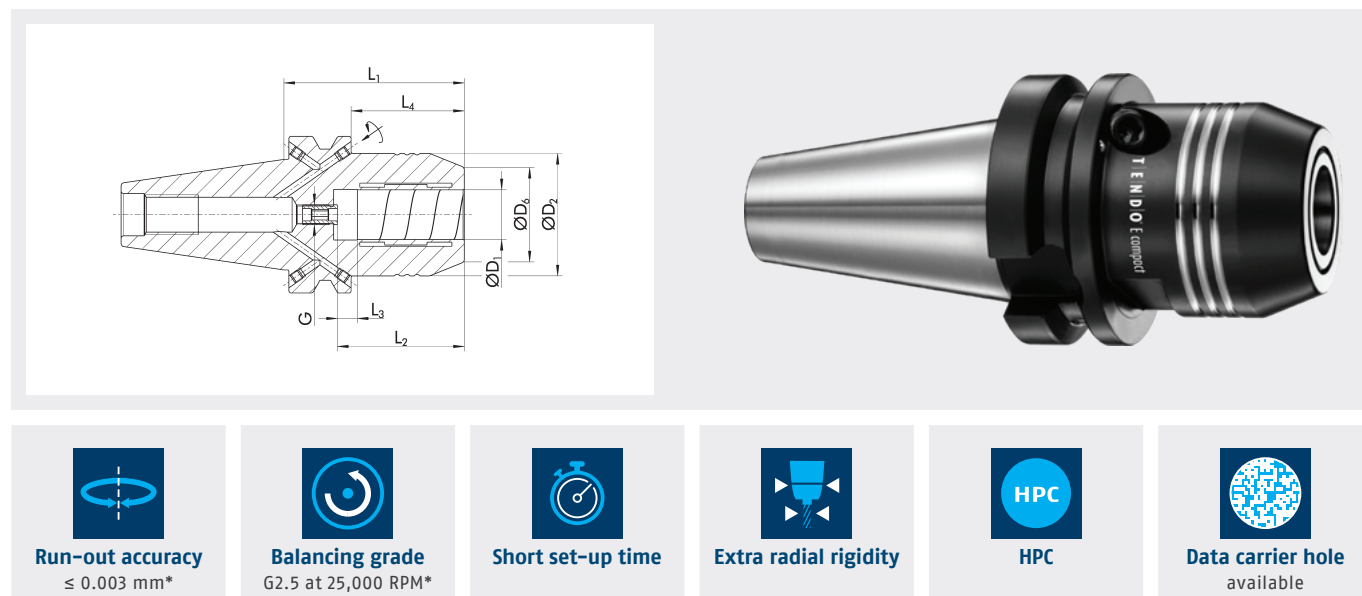
*Run-out accuracy: at 2.5 x D

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC JIS-BT 40



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Short set-up time



Extra radial rigidity



HPC



Data carrier hole
available

Technical data

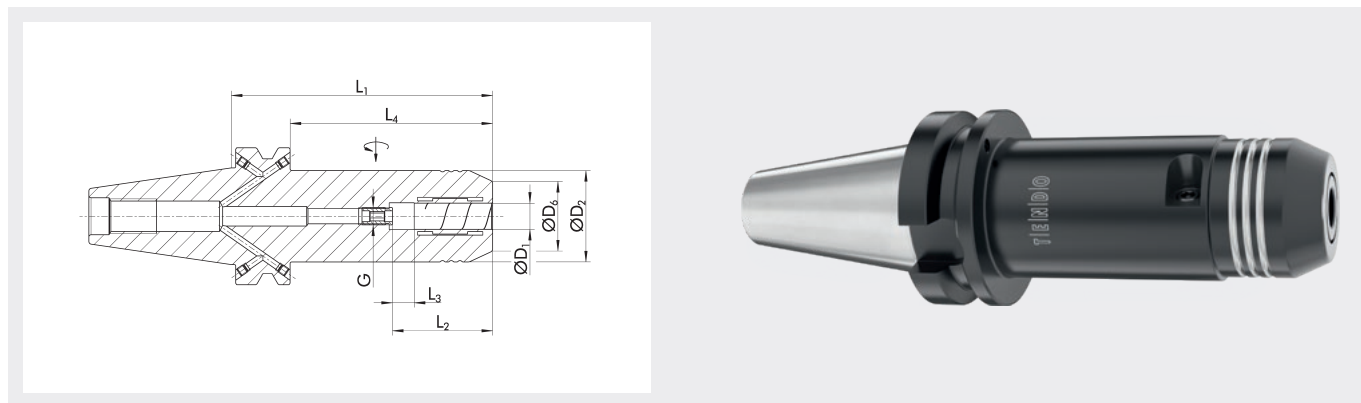
ID	D1 [mm]	D2 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	G	Mmin [Nm]	Weight [kg]	
0206434	12	42	32	58	46	10	31	M8x1	110	1.2	9205650
0206435	16	49.25	38	72.5	51	10	45.5	M8x1	350	1.3	9205650
0206436	20	49.25	38	72.5	51	10	45.5	M8x1	520	1.4	9205650

*Run-out accuracy: at 2.5 x D; run-out at L1 = 130 mm: ≤ 0.005 mm at 2.5 x D

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC JIS-BT 40 L₁ = 120


Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Short set-up time



Extra radial rigidity



HPC



Data carrier hole
available

Technical data

ID	D1 [mm]	D2 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	G	Mmin [Nm]	Weight [kg]	
1340112	32	62.5	58.5	120	61	10	93	M8x1	900	1.5	9205660

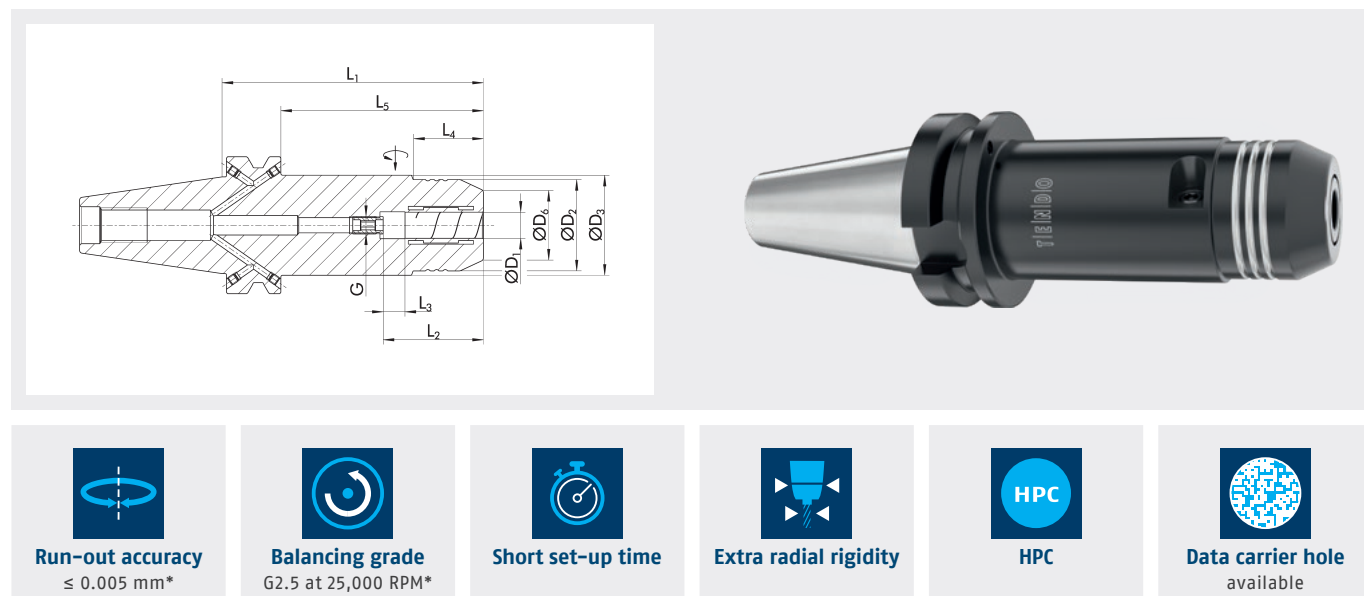
*Run-out accuracy: at 2.5 x D; run-out at L₁ = 130 mm: ≤ 0.005 mm at 2.5 x D

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

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC JIS-BT 40 L₁ =130



Technical data

ID	D1 [mm]	D2 [mm]	D3 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	G	Mmin [Nm]	Weight [kg]	
1420629	12	42	44.5	32	130	46	10	32	103	M8x1	110	2.1	9205650
1431659	16	42	44.5	38	130	51	10	50	103	M8x1	350	2.2	9205650
20064499	20	42	44.5	38	130	51	10	50	103	M8x1	400	1.8	9205650

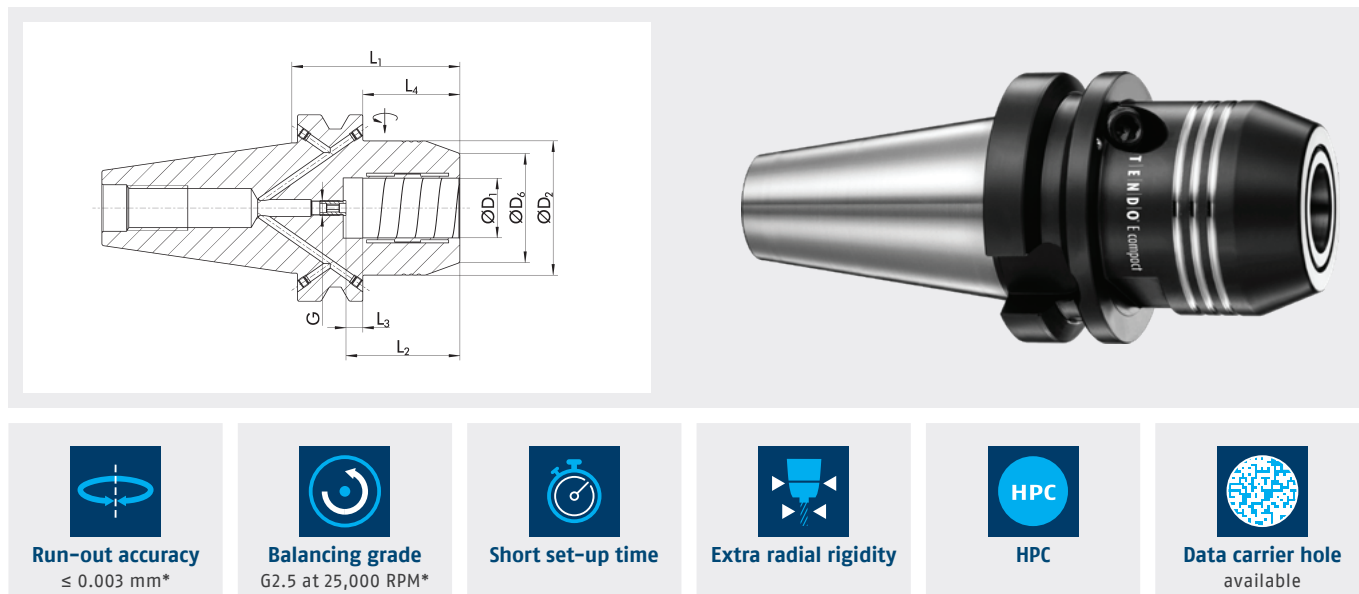
*Run-out accuracy: at 2.5 x D; run-out at L₁ = 130 mm: ≤ 0.005 mm at 2.5 x D

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

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC JIS-BT 50



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Short set-up time



Extra radial rigidity



HPC



Data carrier hole
available

Technical data

ID	D1 [mm]	D2 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	G	Mmin [Nm]	Weight [kg]	
0206444	12	42	32	69	46	10	31	M8x1	110	3.9	9205650
0206446	20	49.25	38	83.5	51	10	45.5	M8x1	520	4.1	9205650
0206448	32	72	58.5	90	61	10	52	M8x1	900	4.6	9205660

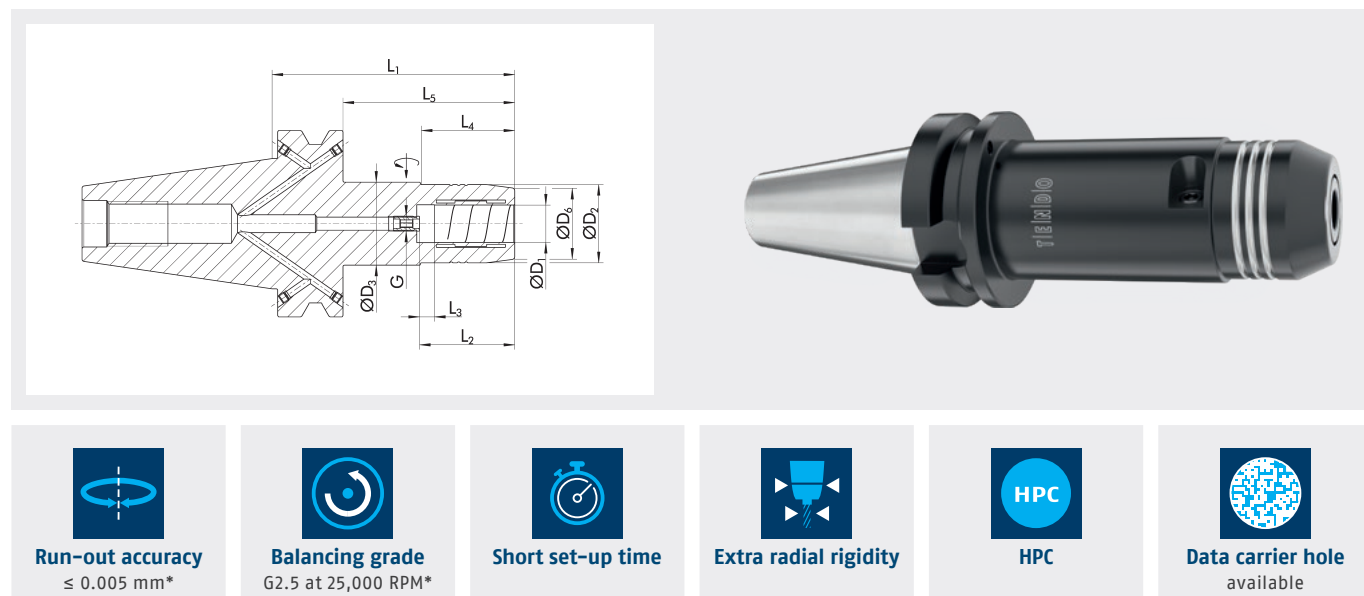
*Run-out accuracy: at 2.5 x D; run-out at L1 = 130 mm: ≤ 0.005 mm at 2.5 x D

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC JIS-BT 50 L₁ =130



Technical data

ID	D1 [mm]	D2 [mm]	D3 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	G	Mmin [Nm]	Weight [kg]	
1420632	20	42	44.5	38	130	51	10	50	92	M8x1	400	4.4	9205650
1420633	32	62.5		58.5	130	61	10	92		M8x1	900	5.5	9205660

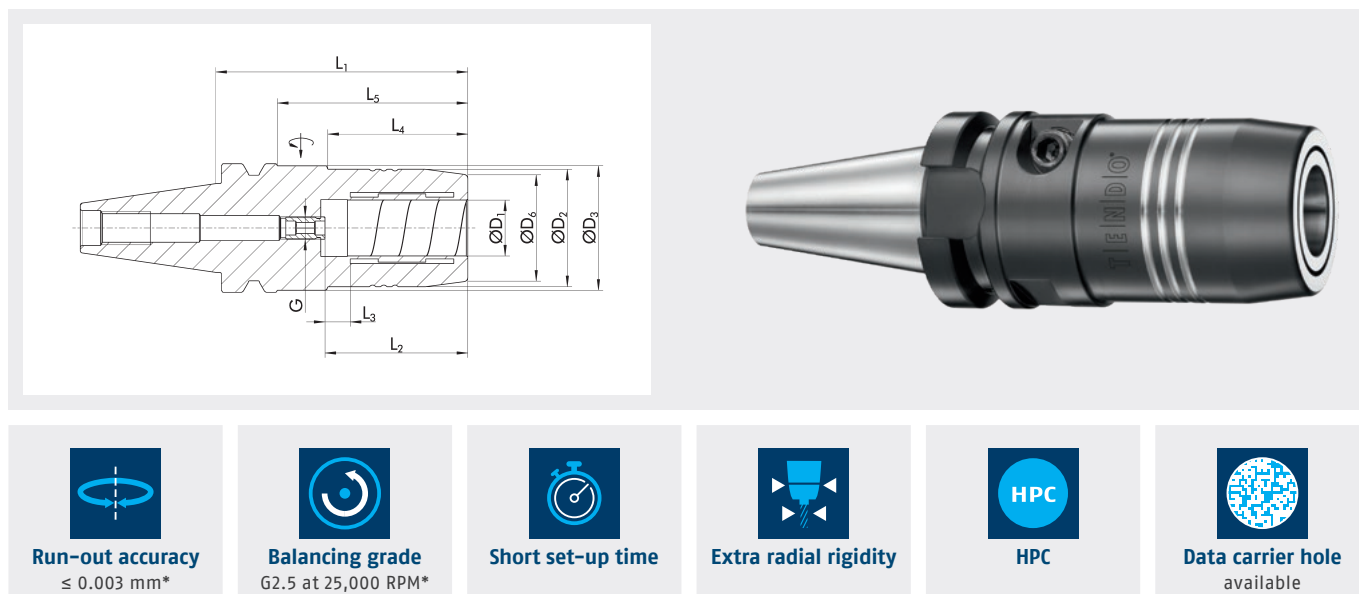
*Run-out accuracy: at 2.5 x D; run-out at L₁ = 130 mm: ≤ 0.005 mm at 2.5 x D

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

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC BT-DC 30



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Short set-up time



Extra radial rigidity



HPC



Data carrier hole
available

Technical data

ID	D1 [mm/Inch]	D2 [mm]	D3 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	G	Mmin [Nm]	Weight [kg]	
0206584	12	42	44.5	32	69	46	10	32	47	M8x1	110	0.6	9205650
0206586	20	42	44.5	38	90	51	10	50	68	M8x1	400	0.9	9205650
1324754	1/2"	42	44.5	32	69	46	10	32	47	M8x1	120	0.6	9205650
1324755	3/4"	42	44.5	38	90	51	10	50	68	M8x1	400	0.9	9205650

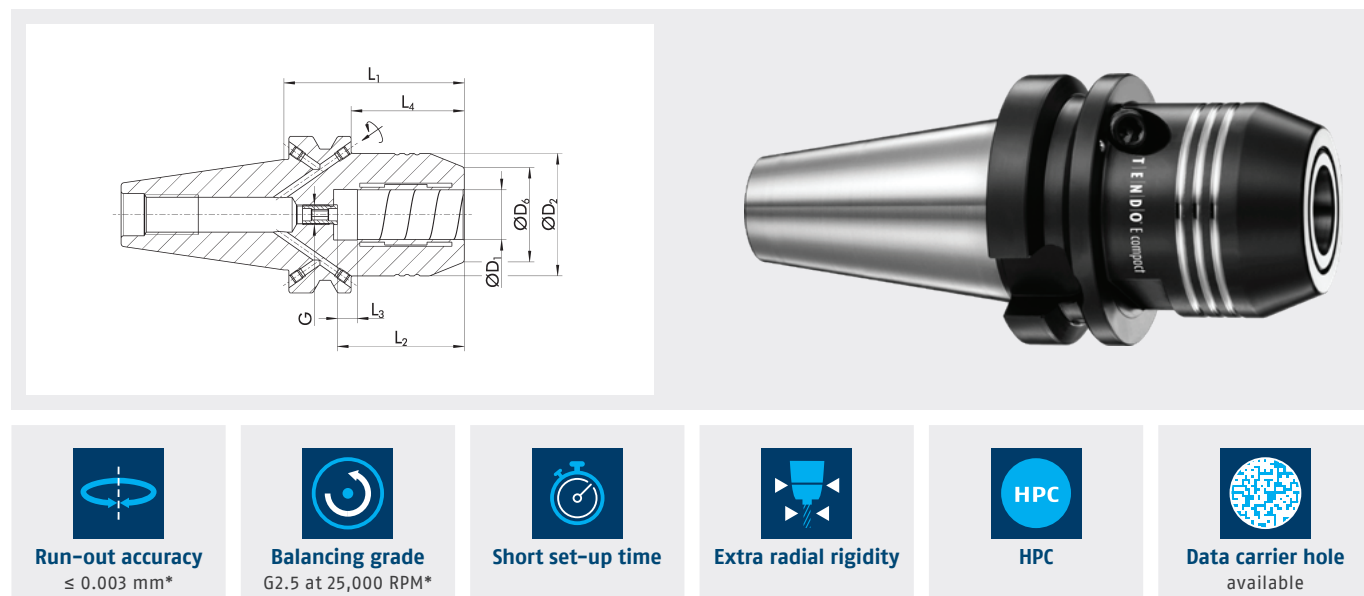
*Run-out accuracy: at 2.5 x D

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC BT-DC 40



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Short set-up time



Extra radial rigidity



HPC



Data carrier hole
available

Technical data

ID	D1 [mm/Inch]	D2 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	G	Mmin [Nm]	Weight [kg]	
0206594	12	42	32	58	46	10	31	M8x1	110	1.2	9205650
0206596	20	49.25	38	72.5	51	10	45.5	M8x1	520	1.4	9205650
1324761	1/2"	42	32	58	46	10	31	M8x1	120	1.2	9205650
1324762	3/4"	49.25	38	72.5	51	10	45.5	M8x1	440	1.4	9205650

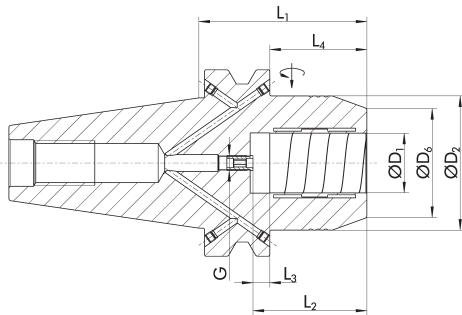
*Run-out accuracy: at 2.5 x D

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC BT-DC 50



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Short set-up time



Extra radial rigidity



HPC



Data carrier hole
available

Technical data

ID	D1 [mm]	D2 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	G	Mmin [Nm]	Weight [kg]	
1349428	20	49.25	38	83.5	51	10	45.5	M8x1	520	4.1	9205650
1349429	32	72	58.5	90	61	10	52	M8x1	900	4.6	9205660

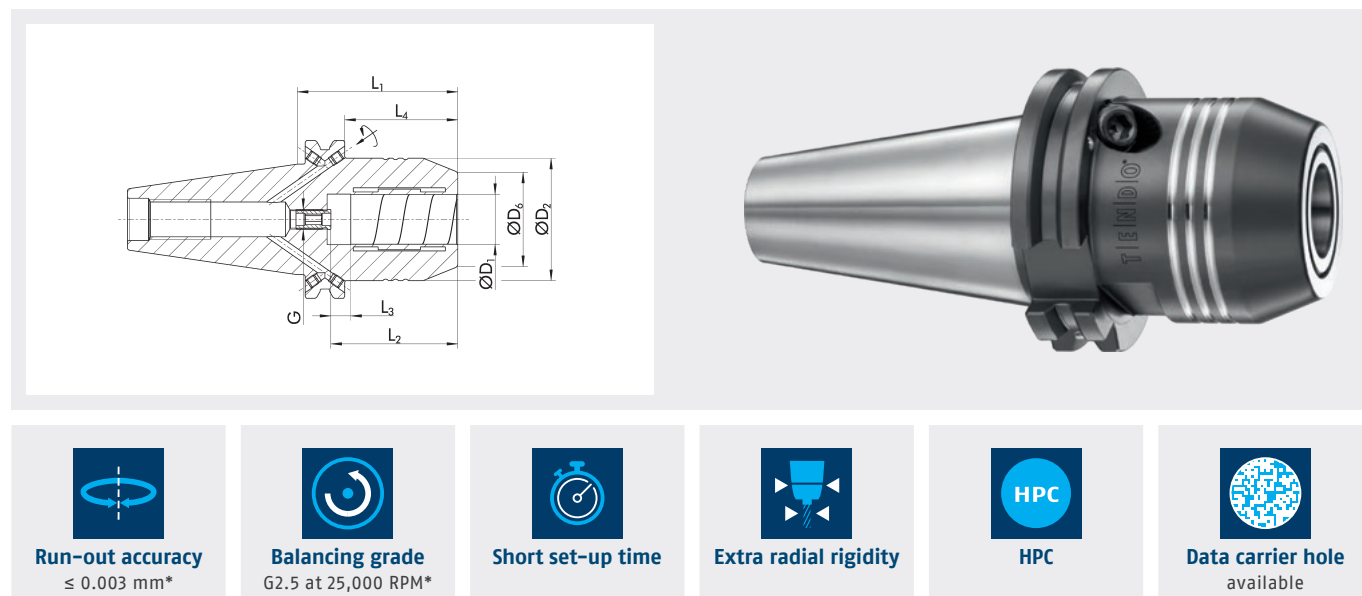
*Run-out accuracy: at 2.5 x D

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC CAT-DC 40



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Short set-up time



Extra radial rigidity



HPC



Data carrier hole
available

Technical data

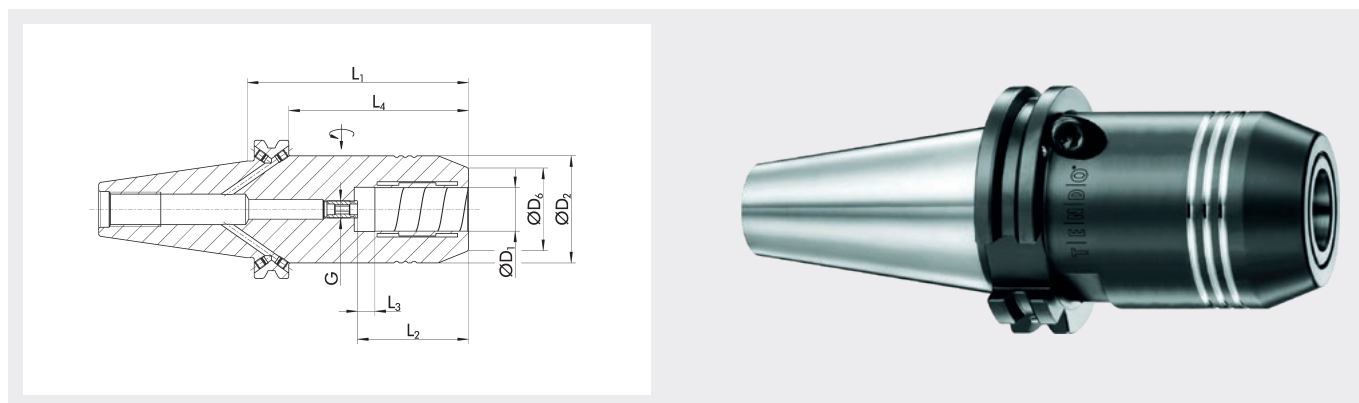
ID	D1 [mm/Inch]	D2 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	G	Mmin [Nm]	Weight [kg]	
1324767	20	49	38	64.5	51	10	45.45	M8x1	520	1.3	9205650
1324768	3/4"	49	38	64.5	51	10	45.45	M8x1	520	1.3	9205650

*Run-out accuracy: at 2.5 x D

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC CAT-DC 40 L₁ = 4"

Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Short set-up time



Extra radial rigidity



HPC



Data carrier hole
available

Technical data

ID	D1 [Inch]	D2 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	G	Mmin [Nm]	Weight [kg]	
1324776	3/4"	49	38	101.6	51	10	82.55	M8x1	520	1.8	9205650

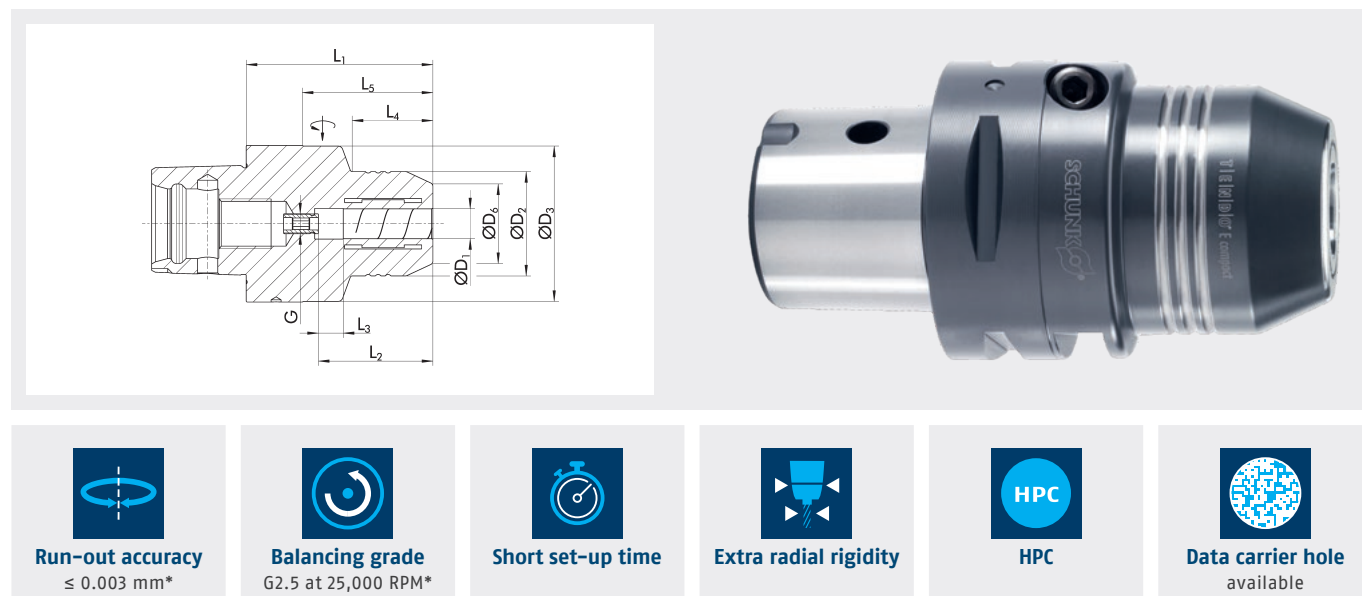
*Run-out accuracy: at 2.5 x D

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

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC SCHUNK CAPTO C4



Technical data

ID	D1 [mm]	D2 [mm]	D3 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	G	Mmin [Nm]	Weight [kg]	
0206804	12	39.5		32	65	46	10	44		M8x1	110	0.65	9205650
0206806	20	45.5	46	38	83	51	10	42.4	62	M8x1	440	0.85	9205650

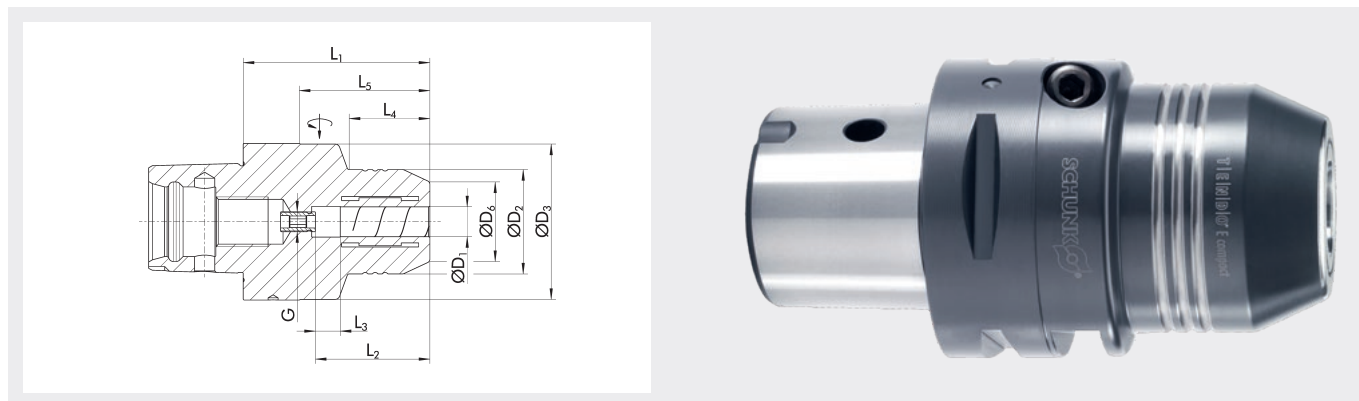
*Run-out accuracy: at 2.5 x D

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC SCHUNK CAPTO C5



Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Short set-up time



Extra radial rigidity



HPC



Data carrier hole
available

Technical data

ID	D1 [mm]	D2 [mm]	D3 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	G	Mmin [Nm]	Weight [kg]	
0206814	12	42	49.5	32	70	46	10	33	49	M8x1	110	0.9	9205650
0206816	20	49.5		38	75	51	10	54		M8x1	440	1	9205650

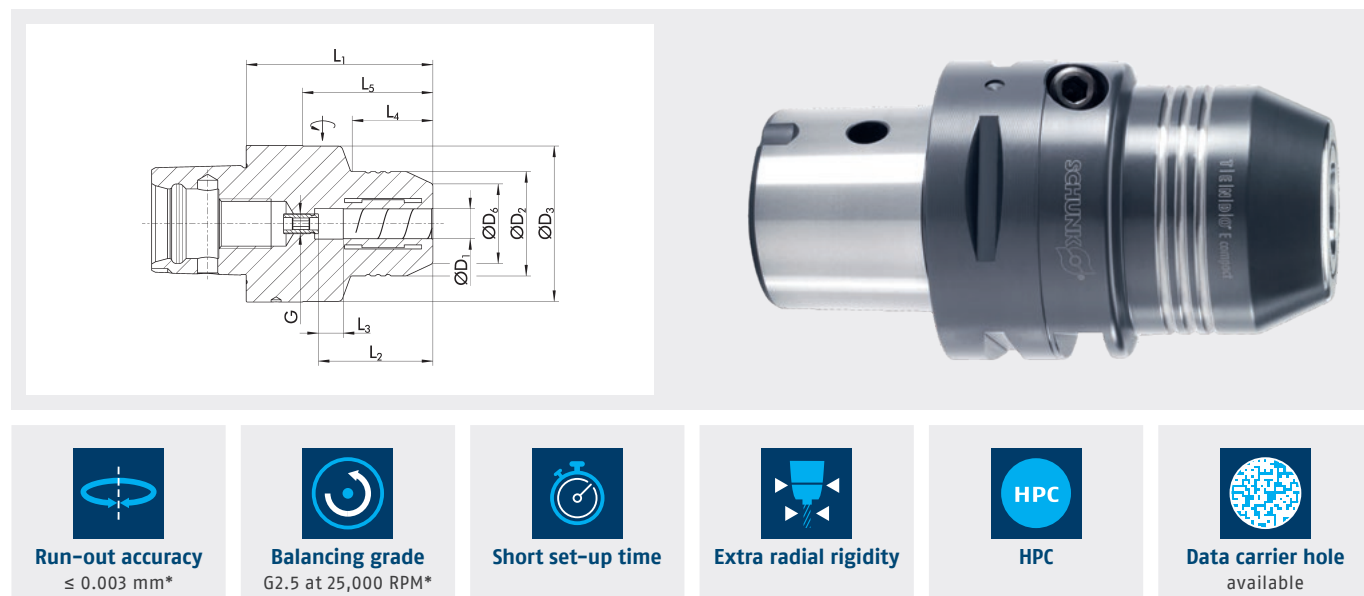
*Run-out accuracy: at 2.5 x D

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

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC SCHUNK CAPTO C6



Technical data

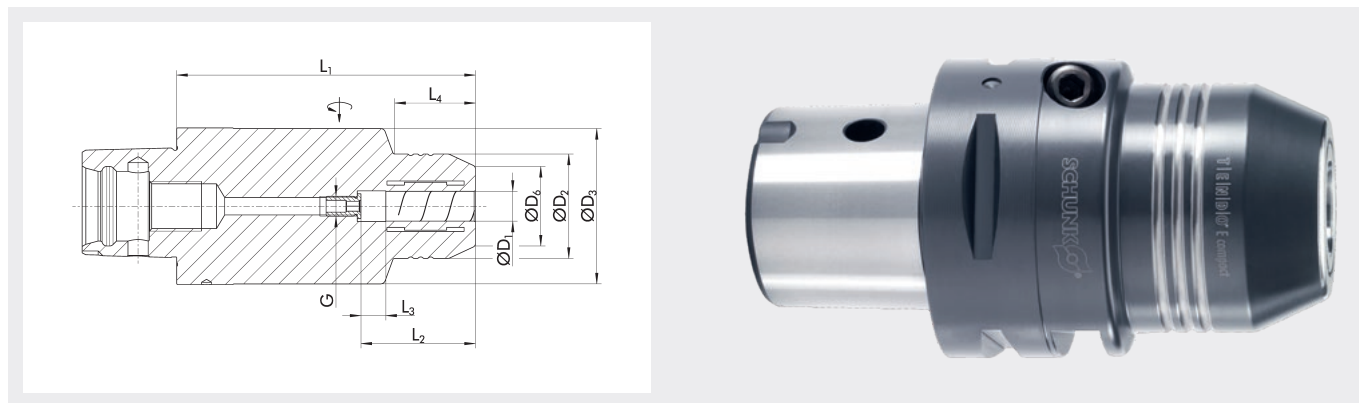
ID	D1 [mm/Inch]	D2 [mm]	D3 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	G	Mmin [Nm]	Weight [kg]	
0206824	12	42	62.5	32	75	46	10	33	52	M8x1	110	1.5	9205650
0206826	20	52.5	62.5	38	80	51	10	41	57	M8x1	440	1.6	9205650
0206828	32	62.5		58.5	90	61	10	67		M8x1	800	1.95	9205660
0206856	3/4"	52.5	62.5	38	80	51	10	41	57	M8x1	440	1.6	9205650
0206858	1 1/4"	62.5		58.5	90	61	10	67		M8x1	800	1.95	9205660

*Run-out accuracy: at 2.5 x D

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves

TENDO EC SCHUNK CAPTO C6 L₁ = 120

Run-out accuracy
≤ 0.003 mm*



Balancing grade
G2.5 at 25,000 RPM*



Short set-up time



Extra radial rigidity



HPC



Data carrier hole
available

Technical data

ID	D1 [mm]	D2 [mm]	D3 [mm]	D6 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	G	Mmin [Nm]	Weight [kg]	
1320356	12	42	62.5	32	120	46	10	33	97	M8x1	110	2.5	9205650
1320357	20	52.5	62.5	38	120	51	10	41	97	M8x1	440	2.6	9205650

*Run-out accuracy: at 2.5 x D

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

Additional sizes and customized designs are available upon request

Additional shank diameters can be clamped using intermediate sleeves



SCHUNK SE & Co. KG

Spanntechnik

Greiftechnik

Automatisierungstechnik

Bahnhofstr. 106 - 134

D-74348 Lauffen/Neckar

Tel. +49-7133-103-0

Fax +49-7133-103-2399

CMS@de.schunk.com

schunk.com