



Tough and compact design

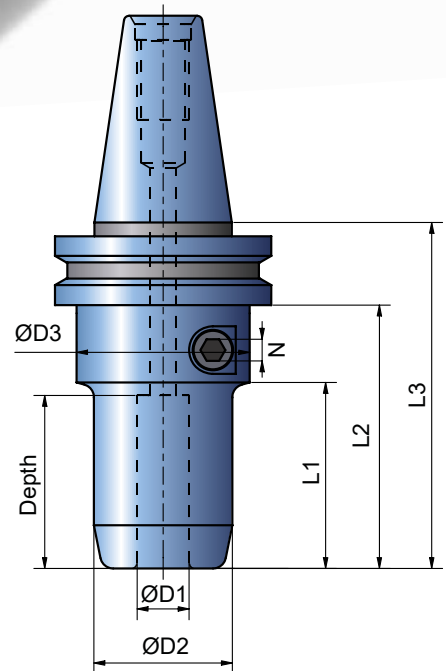
Benefits and features

- Quick and easy tool change
- High performance
- Slender design
- Excellent runout



ETP HYDRO-GRIP® SLENDER SK30

HYDRO-GRIP type SLENDER is extremely user friendly which means quick and easy tool changes. It has a tough and compact design and it is the most slender chuck in our range. A safety feature prevents the tool from falling out when the chuck is not pressurized. The tool shank must be equipped with a thread corresponding to the safety screw size.



Technical specification ETP HYDRO-GRIP® SLENDER SK30

Part.no	Item description	Dimensions, mm								
		D1	D2	D3	L1	L2	L3	Depth*	N	Max rpm
701833	SLENDER-12/SK30	12	32	40	43	60,9	80	40	5	25000
702726	SLENDER-16/SK30	16	38	40	43	60,9	80	40	5	25000
702750	SLENDER-20/SK30	20	40	50	55	95,9	115	52	5	25000
701857	SLENDER-25/SK30	25	45	50	59	99,9	119	56	5	25000
702070	SLENDER-3/8"/SK30	3/8"	32	40	43	60,9	80	40	5	25000
702071	SLENDER-1/2"/SK30	1/2"	32	40	43	60,9	80	40	5	25000
702159	SLENDER-3/4"/SK30	3/4"	40	50	55	95,9	115	52	5	25000
703626	SLENDER-1"/SK30	1"	45	50	59	99,9	119	56	5	25000

*)= clamping length
 • The runout is measured at 3xD and the max runout is ≤ 0,006 mm (0.00024 inch).
 • The type SLENDER chuck is balanced to G2,5 at 25000 rpm.
 • A normally balanced chuck and tool can be used up to a max. speed of 25000 rpm.
 • Can be used with reduction sleeves, see page 15-16 for assortment.

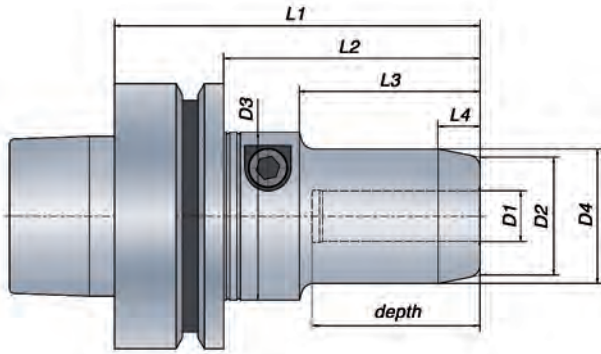
● From stock

TOLERANCES

The SLENDER chuck is designed and manufactured for a router bit shank with the tolerance g6 (h7). Transmittable torque for tools with tolerances:

Type	h6	h7	g6	Safety screw
D	Nm	Nm	Nm	ISO 4762
12	60	30	30	M6x40
16	100	75	75	M6x40
20	260	175	175	M8x45
25	480	350	350	M8x45
3/8"	30	15	15	M6x40
1/2"	60	30	30	M6x40
3/4"	260	175	175	M8x45
1"	480	350	350	M8x45

ETP HYDRO-GRIP® SLENDER HSK Form F - DIN 69893



Metric range

Technical Specification HSK form F

HSK size	Part no.	Item description	Dimensions, mm											T* Nm	Weight kg	G 2.5 at rpm
			D1	D2	D3	D4	L1	L2	L3	L4	depth					
● 63	642680	HG SLENDER-12/HSK63F	12	28	40	32	87	61	43	10	40	60-125	1	25 000		
●	642690	HG SLENDER-16/HSK63F	16	34	40	38	87	61	43	10	40	165-270	1.1	25 000		
●	642700	HG SLENDER-20/HSK63F	20	36	50	40	99	73	55	10	52	260-425	1.3	25 000		
●	639130	HG SLENDER-25/HSK63F	25	41	50	45	103	77	59	10	56	480-710	1.4	25 000		

Inch range

Technical Specification HSK form F

HSK size	Part no.	Item description	Dimensions, inch											T* ft-lb	Weight kg	G 2.5 at rpm
			D1	D2	D3	D4	L1	L2	L3	L4	depth					
● 63	659400	HG SLENDER-3/8"/HSK63F	0.375	1.102	1.575	1.260	3.425	2.402	1.693	0.394	1.575	22-52	1	25 000		
●	642710	HG SLENDER-1/2"/HSK63F	0.500	1.339	1.575	1.260	3.425	2.402	1.693	0.394	1.575	55-105	1	25 000		
●	642720	HG SLENDER-5/8"/HSK63F	0.625	1.339	1.575	1.496	3.425	2.402	1.693	0.394	1.575	122-199	1.1	25 000		
●	642730	HG SLENDER-3/4"/HSK63F	0.750	1.417	1.969	1.575	3.898	2.874	2.165	0.394	2.047	192-314	1.3	25 000		
●	639140	HG SLENDER-1"/HSK63F	1.000	1.614	1.969	1.772	4.055	3.031	2.323	0.394	2.205	354-524	1.4	25 000		

*) T = Min. and Max. transmittable torque using a h6 cylindrical tool, full depth insert. For additional information see section Technical Information.

- From stock
- On request

Information:

- Runout accuracy ≤ 0.004 mm at $2.5 \times D1$ (max. 50 mm), ≤ 0.00016 inch at $2.5 \times D1$ (max. 1.969 inch)
 - Tool shank h6 or h7 can be used
 - Center thread, for axial length adjustment screw (screw not included)
- Size 12, 1/2", 16, 5/8": M8x1.25
 Size 20, 3/4, 25, 1": M10x1.5
 Size 3/8" - no center thread

Accessories:

Use preset Torque Wrench, 6 Nm, to ensure correct mounting of tools. Part no. 19050.

ETP HYDRO-GRIP SLENDER can be used with reducing sleeves.
 For additional information see section Accessories.

