

**HEAVY
DUTY
VERSION**



Benefits and features

- For heavy machining
- Extreme high clamping force
- Easy handling
- Rigid design

ETP HYDRO-GRIP® HD

Hydraulic high precision toolholder – Heavy Duty version Up to 1 670 Nm holding torque!

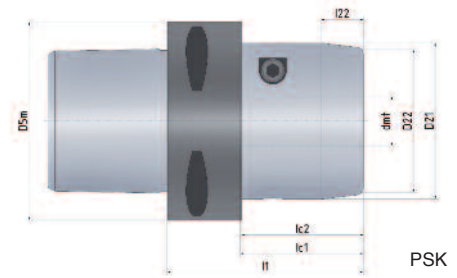
ETP HYDRO-GRIP® HD, Heavy Duty, is the first hydraulic Power chuck available on the market. Here ETP combine all the positive benefits of hydraulic

clamping, such as easy handling and precision, with an extreme high tool clamping force capability and rigid design. A high bending stiffness and the dampening

properties of the hydraulic pressure media makes ETP HYDRO-GRIP® HD the ideal holder for any machining, from heavy rough milling to finishing.

ETP HYDRO-GRIP® HD

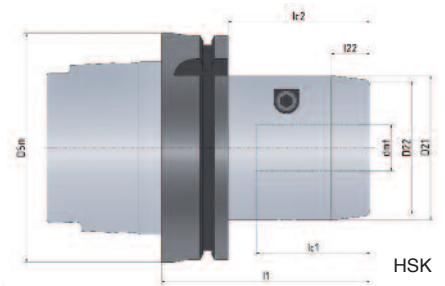
Hydraulic high precision toolholder
– Heavy Duty version



PSK

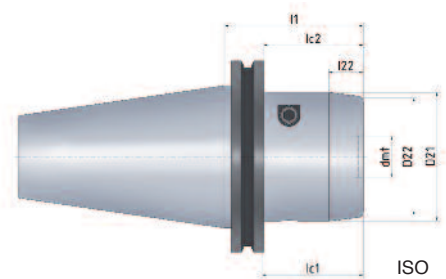
Technical Specification

Coupling size	Ordering code	Dimensions, mm							
		D_{5m}	dm_t	D_{21}	D_{22}	l_1	l_{22}	l_{c1}	l_{c2}
C5	HG HD-20/C5	50	20	63	59	79	17	52	
C6	HG HD-20/C6	63	20	63	59	73	17	52	
	HG HD-25/C6	63	25	74	70	80	17	56	
	HG HD-32/C6	63	32	80	76	86	17	60	
C8	HG HD-20/C8	80	20	63	59	79	17	52	49
	HG HD-25/C8	80	25	74	70	83	17	56	53
	HG HD-32/C8	80	32	80	76	87	17	60	



HSK

HSK size	Ordering code	Dimensions, mm							
		D_{5m}	dm_t	D_{21}	D_{22}	l_1	l_{22}	l_{c1}	l_{c2}
63	HG HD-20/HSK63	63	20	63	59	96	17	52	70
100	HG HD-20/HSK100	100	20	63	59	91	17	52	62
	HG HD-25/HSK100	100	25	74	70	95	17	56	66
	HG HD-32/HSK100	100	32	80	76	99	17	60	70



ISO

Machine design	Taper	Ordering code	Dimensions, mm						
			dm_t	D_{21}	D_{22}	l_1	l_{22}	l_{c1}	l_{c2}
Cat V	40	HG HD-20/CAT40	20	63	59	90	17	90	70,95
	50	HG HD-20/CAT50	20	63	59	68	17	68	48,95
		HG HD-25/CAT50	25	74	70	92	17	92	72,95
		HG HD-32/CAT50	32	80	76	97	17	97	77,95
ISO 7388.1	40	HG HD-20/ISO40	20	63	59	90	17	90	70,9
	50	HG HD-20/ISO50	20	63	59	68	17	68	49
		HG HD-25/ISO50	25	74	70	79	17	79	60
		HG HD-32/ISO50	32	80	76	83	17	83	64
MAS BT403	40	HG HD-20/BT40	20	63	59	79	17	79	
	50	HG HD-20/BT50	20	63	59	87	17	87	49
		HG HD-25/BT50	25	74	70	91	17	91	53
		HG HD-32/BT50	32	80	76	95	17	95	57

l_1 = programming length