



Where **high performance**
is the **standard**



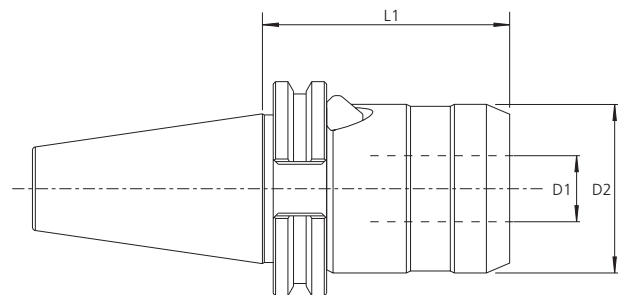
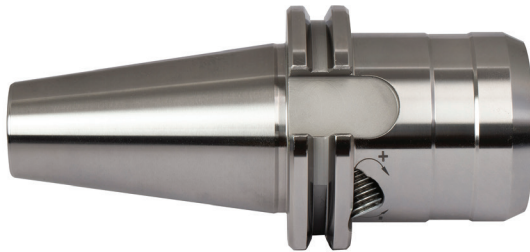
M.A. FORD GRIP
HYDRAULIC MILLING CHUCK

www.mafordeurope.com

Technical Features

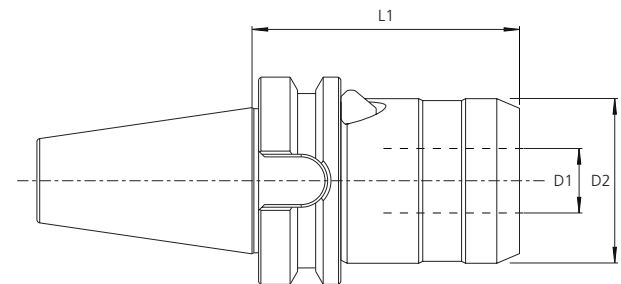
- High gripping force ensures tool security
- Accurate tool runout (0.005mm at 3xØ) increases tool-life and improves surface finish
- Suitable for plain, Weldon and whistle notch shank end-mills and drills (Weldon and whistle must be used with reduction sleeves)
- Simple mechanism allows easy opening and closing with no maintenance
- Reduced length and external dimensions for improved balancing (G2.5 to 25,000rpm)
- Suitable for through coolant tools

HC20S & HC32S Hydraulic Milling Chuck SK (DIN 69871 AD+B)



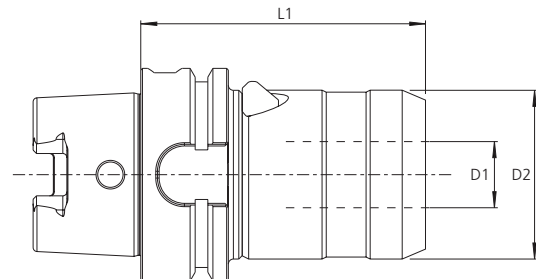
EDP	Tool No.	SK	Type	D1	D2	L1	Price
FA4439	FSTH-030221-001	40	HC20S	20	50	64.5	£130.00
FA4465	FSTH-030321-002	50	HC32S	32	72	81	£180.00

HC20S & HC32S Hydraulic Milling Chuck BT (MAS 403)



EDP	Tool No.	BT	Type	D1	D2	L1	Price
FA1781	FSTH-010222-002	40	HC20S	20	50	72.5	£130.00
FA4344	FSTH-010321-002	50	HC32S	32	72	90	£180.00

HC20S Hydraulic Milling Chuck HSK (DIN 69893 A)

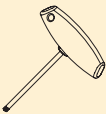


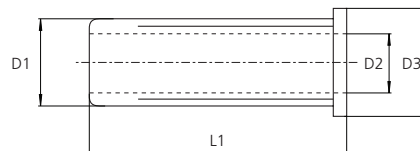
EDP	Tool No.	HSK	Type	D1	D2	L1	Price
FA4513	FSTH-040521-001	63	HC20S	20	50	80	£160.00
FA4558	FSTH-040621-002	100	HC20S	20	50	90	£210.00

Technical Details

Type	Tool Runout at 3xØ	Gripping Torque (Nm)
HC20S	0.005	520
HC32S	0.005	900

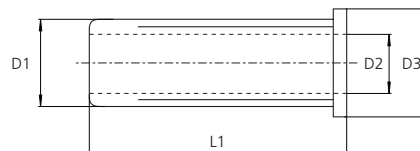
Spare Parts

T-Handle Hex Driver				Sleeve Extraction Tool		
						
Type	EDP	Tool Number	Price	EDP	Tool Number	Price
HC20S	FS1144	TH120-5.0	£4.08	FS1145	FSTA-013-021	£6.49
HC32S	FS1144	TH120-5.0	£4.45			



HC20 Cylindrical Reduction Sleeves

EDP	Tool No.	Type	D1	D2	D3	L1	Price
FA0418	FSTA-006-029	HC20	20	3	29	52.5	£42.00
FA0425	FSTA-006-036	HC20	20	4	29	52.5	£42.00
FA0426	FSTA-006-037	HC20	20	5	29	52.5	£42.00
FA0443	FSTA-006-054	HC20	20	6	29	52.5	£42.00
FA0424	FSTA-006-035	HC20	20	7	29	52.5	£42.00
FA0427	FSTA-006-038	HC20	20	8	29	52.5	£42.00
FA0419	FSTA-006-030	HC20	20	9	29	52.5	£42.00
FA0420	FSTA-006-031	HC20	20	10	29	52.5	£42.00
FA0428	FSTA-006-039	HC20	20	12	29	52.5	£42.00
FA0421	FSTA-006-032	HC20	20	13	29	52.5	£42.00
FA0422	FSTA-006-033	HC20	20	14	29	52.5	£42.00
FA0423	FSTA-006-034	HC20	20	15	29	52.5	£42.00
FA0444	FSTA-006-055	HC20	20	16	29	52.5	£42.00



HC32 Cylindrical Reduction Sleeves

EDP	Tool No.	Type	D1	D2	D3	L1	Price
FA0430	FSTA-006-041	HC32	32	6	39	63.5	£45.00
FA0431	FSTA-006-042	HC32	32	8	39	63.5	£45.00
FA0429	FSTA-006-040	HC32	32	10	39	63.5	£45.00
FA0433	FSTA-006-044	HC32	32	12	39	63.5	£45.00
FA0432	FSTA-006-043	HC32	32	14	39	63.5	£45.00
FA0434	FSTA-006-045	HC32	32	16	39	63.5	£45.00
FA0436	FSTA-006-047	HC32	32	18	39	63.5	£45.00
FA0437	FSTA-006-048	HC32	32	20	39	63.5	£45.00
FA0435	FSTA-006-046	HC32	32	25	39	63.5	£45.00

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