

Special drilling heads fixed *multi-spindle, customer-specific*

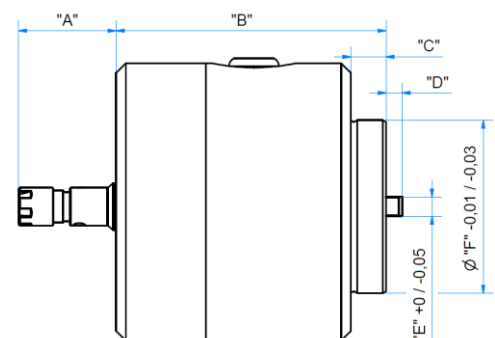
We design and manufacture special drilling heads to customer-specific requirements. Drilling pattern, ratio and spindle speed are prepared in accordance with the requirements of each customer, or after viability.

Technical data:

Tool clamping:	Collet from ER 8 to ER 25
Maximum drilling capacity in St50:	from 5 mm to 16 mm
Minimum possible spindle distance:	12 mm (with maximum drilling capacity Ø 5 mm)
Spindle speed:	max. 5000 rpm
Type of lubrication:	Oil bath lubrication
Gear oil used:	Mobil Teresstic T32
Ratio:	Customized
Application:	Drill and thread
Dimension:	Defined by spindle distance
Drive / spindle dimension:	see drawing
Accessories:	Flange and driver on drilling unit / upright drilling machine frameless spectacles

NEW: Optional, up to feasibility depending suited for tools with internal coolant supply with 6 bar or minimum quantity cooling lubrication (MMKS)

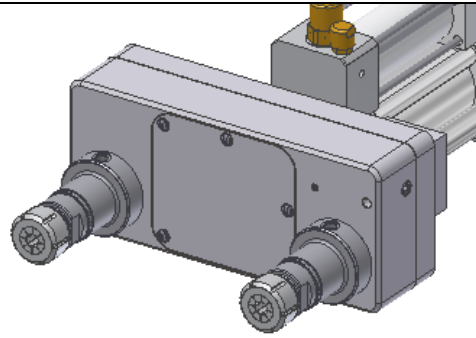
	A	B	C	D	E	F
ER 8	30,5	116,5	11,0	5,0	6,0	54,0
ER 11	30,5	116,5	11,0	5,0	6,0	54,0
ER 16	46,0	150,0	13,5	6,0	8,0	62,5
ER 20	47,0	165,5	13,5	6,0	8,0	62,5
ER 25	50,8	170,2	18,0	8,0	12,0 -0,05 / -0,1	96,0



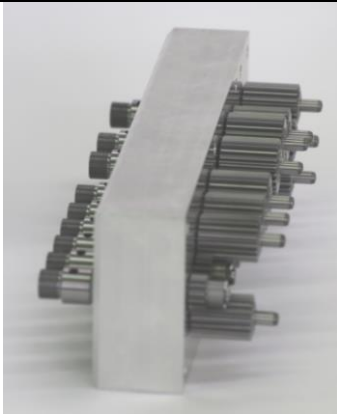
For special applications, we are happy to respond to the requirements of our customers. Customer examples for special solutions:



Drilling head MSK16-02 with internal cooling
suitable for tools with internal coolant supply



Belt driven drill head MSK25-02
Due to the large drilling distance, the spindles are driven by a PU belt. In addition, the spindles are equipped with a cooling fin flange..



Drilling head MSK-609
For drilling several holes in one operation



Processing unit MSK13-02
flanged to motor for drilling and tapping