

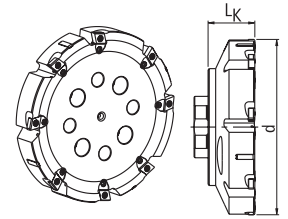


MAPAL tangential fine boring tools TFB

TFB 200 Diameter d 	TFB 210 Diameter d 	Length of cutting head L _k	Insert		Accessoires*		
			Size	Qty.	Clamping Torx screw Order No. (Size)	Adjusting wedge Order No.	Threaded spindle Order No.
75 - 89,99	60 - 89,99	40	FTXW 0905...B030 Page 19	6**	TX-M3,5x11 10048466 (TORX-T9)	K14884-153	10072872
90 - 119,99	90 - 119,99	40	FTXW 0905...B030 Page 19	8	TX-M3,5x11 10048466 (TORX-T9)	K14884-153	10072872
120 - 179,99	120 - 179,99	40	FTXW 0905...B060 Page 20	8	TX-M3,5x11 10048466 (TORX-T9)	K14884-153	10072872
180 - 280	180 - 280	40	FTXW 0905...B090 Page 21	8	TX-M3,5x11 10048466 (TORX-T9)	K14884-153	10072872



TFB 200

for blind holes

TFB 210

for through holes

Fine boring heads
**ø 60-
 280 mm**
 Monoblock design

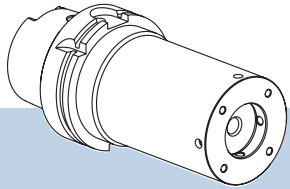


ø 60 - 119.99 mm with radial adjustment
 ø 120 - 280.0 mm with radial and angular adjustment

* Supply of the tools includes the clamping screws and adjusting devices.

** ø60 - 69,99 mm max. 5 inserts.

MAPAL tangential fine boring tools TFB



TH-TFB

Holders for fine boring heads

Length configurable

Diameter 	Diameter 	Module Size	Tool length $L_H + L_K$	Machine connection				Machine connection					
				HSK-A		HSK-C		ISO-AD		ISO-B			
				Size	L ₂	Code	L ₂	Code	Size	L ₂	Code	L ₂	Code
60 - 89,99	75 - 89,99	M060											
				60	47	A63	20	C63	40	40	AD40	40	B40
				80	47	A80	25	C80	50	45	AD50	45	B50
				100	55	A100	30	C100	-	-	-	-	-
90 - 119,99	90-119,99	M080											
				63	-	A63	-	C63	40	-	AD40	-	B40
				80	47	A80	25	C80	50	45	AD50	45	B50
				100	55	A100	30	C100	-	-	-	-	-
120 - 179,99	120 - 179,99	M100											
				80	47	A80	25	C80	40	-	AD40	-	B40
				100	55	A100	30	C100	50	-	AD50	-	B50
180 - 280	180 - 280	M140		100	-	A100	-	C100	50	-	AD50	-	B50

Please note: The max. tool length must comply with size of machine connection! (see diagram page 24)

TH-TFB

Holders for fine boring heads

Standard ex stock

Diameter d	Module Size	Holder length L_H	Machine connection		Standard holder Order No.	Reference code	
			HSK-A Size	L ₂			
60 - 89,9	M060	160					
			63	47	30167670	TH-TFB-M060-160-A63	
90 - 119,9	M080	160	63	-	30167671	TH-TFB-M080-160-A63	
		210	100	55	30167672	TH-TFB-M080-210-A100	
120 - 179,9	M100	260	100	55	30160269	TH-TFB-M100-260-A100	
180 - 280	M140	260	100	-	30160270	TH-TFB-M140-260-A100	

Order examples see page 23

Sizes in mm.