

MK Adapters

ENT Tilting Bench

DN 8-2000 mm (3/8"-80")

The MK adapters enable the proven EFCO grinding and lapping tools to be used for fixed-position machining of sealing surfaces in and on fittings.

To align a fitting or slider cone more easily, quickly and safely we recommend the use of an appropriate ENT tilting bench. These benches can be supplied in four sizes, are made in steel and are therefore extremely robust and resistant to impact; they are also designed in such a way that every component can be replaced.



THE SYSTEM

- Fixed drill
- + MK adapter
- + ENT tilting bench
- + EFCO tools

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Fittings workshop machine



This configuration enables sealing surfaces in sliders, valves, sliding cones, conical nipples, flanges etc. to be repaired perfectly from a technical point of view in any workshop by means of grinding and lapping.

Technical Data

EFCO MK adapter TYPE	MK-2		MK-3			MK-5
	with pointed tip Ø12 (0.47")	with ball Ø18 (0.7")	with pointed tip Ø15 (0.6")	with ball Ø20 (0.8")	with ball Ø30 (1.2")	with ball Ø60 (2.4")
for the tools from	Valva-1 Valva-S1	SL-1/ SL-15 Valva-15	SL-15 Valva-S15	SL-15 Valva-S15	SL-15 / SL-2 Valva-S15 Valva-2	SL-3 Valva-3
Overall length (mm)	306 (12")	288 (11.3")	383 (15")	351 (13.8")	356 (14")	610 (24")
Immersion depth TT (mm)	219 (8.6")	201 (7.9")	284 (11.2")	252 (10")	257 (10.1")	455 (17.9")
Weight (kg)	0.68	0.7	1.74	1.68	1.8	12
Max. contact force (N)	~186		~560			~640
Spring travel (mm)	14 (0.6")		20 (0.8")			25 (0.9")



The adapter body is provided with a Morse cone. The driver shaft / driver tip is built into the adapter body and spring-loaded.

Because of the fact that grinding requires a considerably greater contact pressure than lapping, a two-stage spring system has been developed specifically for this adapter. Thus, when pressure is first applied, a weak spring comes into play (range L = lapping). As soon as the travel of the first spring is exhausted, the second spring comes into play (range G = grinding).

EFCO tilting bench TYPE	ENT 1	ENT 2	ENT 3	ENT 4
Size	300x300 (11.8"x11.8")	500x500 (19.7"x19.7")	1000x1000 (39.4"x39.4")	1500x1500 (59"x59")
Max. tilting angle	13°	13°	13°	13°
Max. load (in kg)	120	300	800	2000
For EFCO adapter	MK-2	MK-3	MK-5	Mk-5
Weight (kg)	18.5	71	460	1270

Subject to technical change.

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