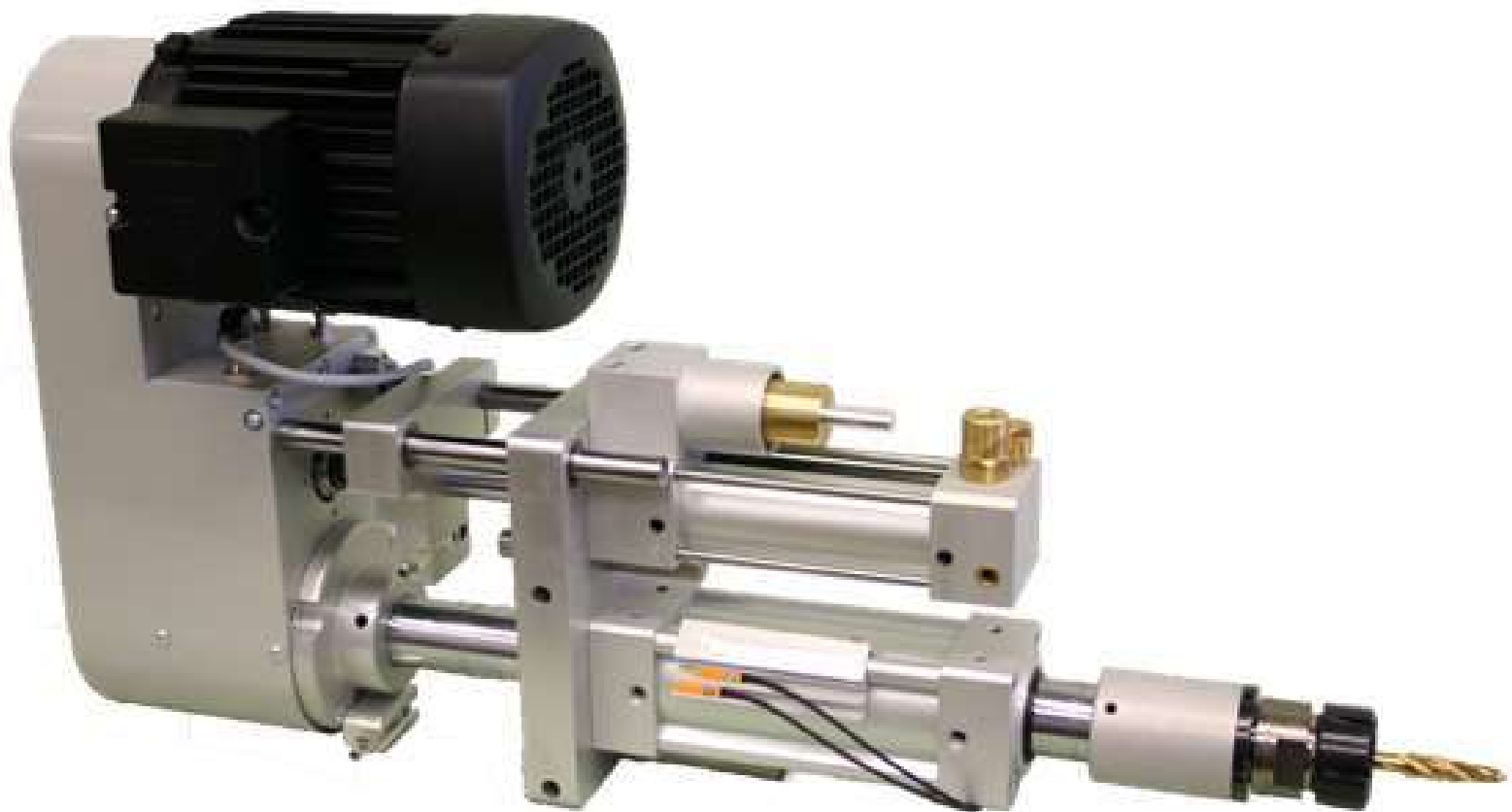


Combination drilling & tapping unit B63/80 **with oil brake cylinder** Patented



Application:

The B63 combination drilling and tapping unit offers versatile application options for drilling and thread-tapping in metal and plastic.

Special featureen:

The combination of a hydro-pneumatic feed for drilling and a replaceable leading cartridge for thread-tapping makes our unit into a general-purpose processing component.

Due to the possible applications of combination drill bits, the core hole and threads can be manufactured in one single operation. Fast feed, drilling, thread tapping process and rapid return are all run into one operation. This results in much shorter processing times than with conventional processing units.

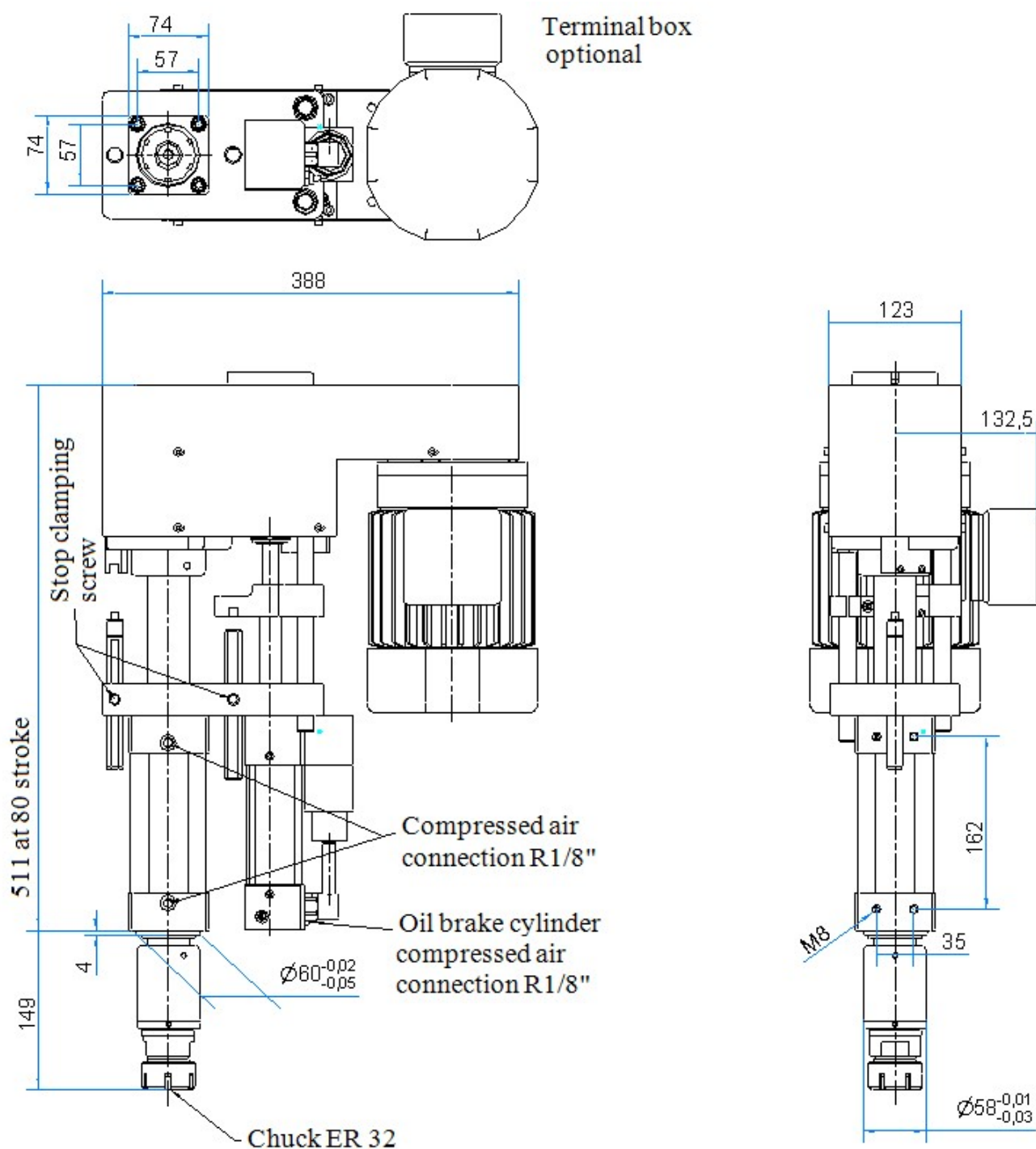
Through the clear arrangement of the two stops for the drilling and thread depth, as well as the easily replaceable leading cartridge, the conversion of thread taper from one thread size to another takes only a few minutes.

Design:

The thread taper unit is mostly made of anodized aluminium and corrosion-free / corrosion-resistant material. Seals and guides are maintenance-free, so the unit can be operated without oiler, but with clean and dry air.

Equipment:

The thread taper unit is equipped with depth stops for drill stroke and total stroke, signalling and oil brake cylinder, as standard.



Technical data:

Drive power:	optionally 0.70/0.85 kW or 1.10/1.40 kW
Spindle speeds:	at 0.70/0.85 KW 450/2500 to 900/5000 U/min at 1.10/1.40 KW 450/2500 to 900/5000 U/min other speeds on request
Drive:	pole switchable three-phase motor with V-ribbed belt
Total stroke:	the standard stroke is 80 mm, up to 100 mm is possible
Thread-tapping stroke:	0 - 32 mm via control system
Drill feed:	pneumatic, with oil brake cylinder
Drill feed force:	at 6 bar 1120 N at 8 bar 1490 N
Gewindeschneidleistung:	M12 in St 50 M16 in aluminium
Tool holder:	Chuck ER 32, clamping range Ø 3-20 mm
Weight:	approx. 32 kg
Assembly:	on the head 4 x M8 with centering spigot Ø 60 mm, pitch circle Ø 80 mm, or head and cover 4 x M8 (see drawing)