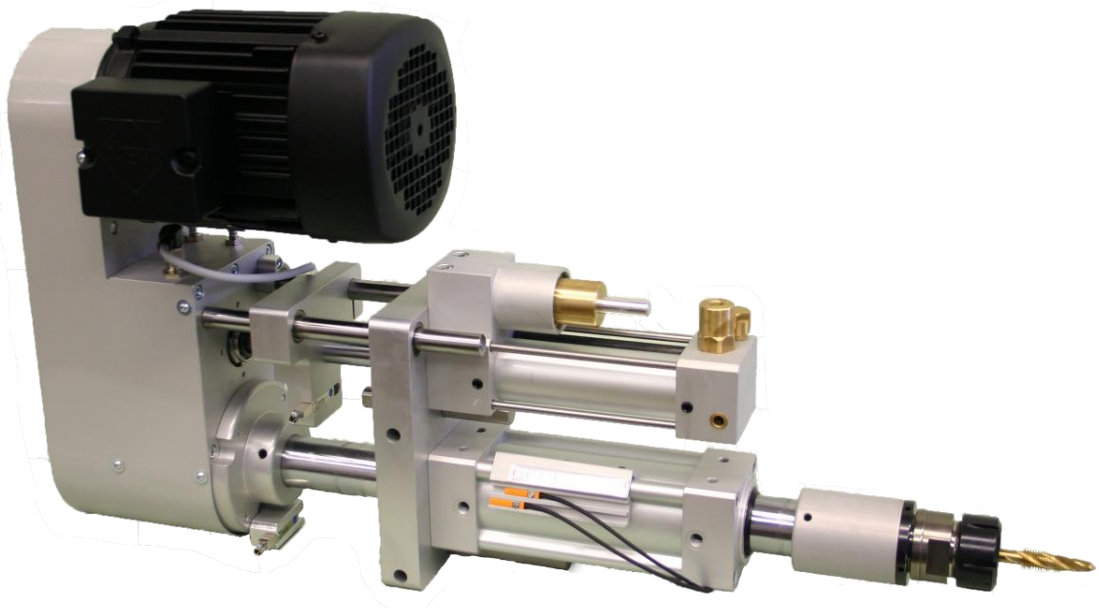


## Combination drill & tapping unit B63/80 with oil brake cylinder Patented



### **Application:**

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

### **Special features:**

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 tapper from one thread size to another takes only a few minutes.

### **Design:**

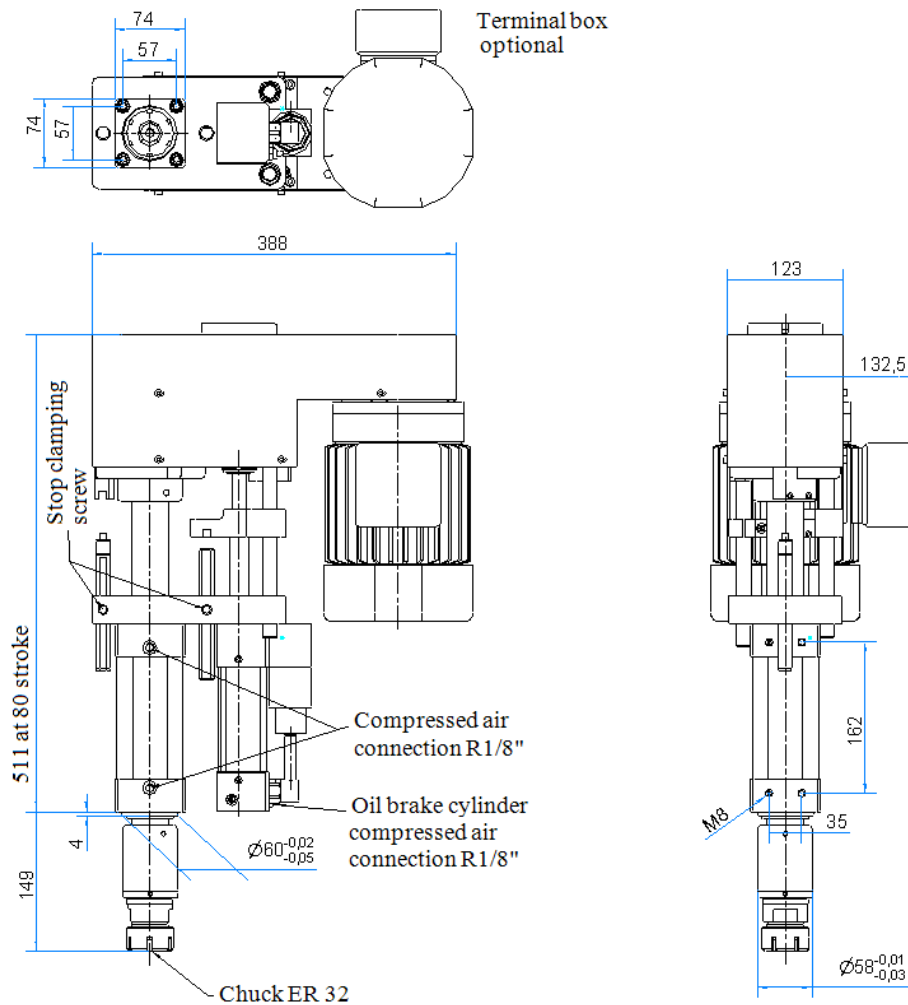
The thread tapper unit is mostly made of anodized aluminium and corrosion-free / corrosion-resistant material.

Seals and guides are maintenance-free, so the unit can be operated without oiler, but with clean and dry air.

### **Equipment:**

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

# Combination drill & tapping unit B63/80



## Technical data:

<b>Drive power:</b>	optionally 0.70/0.85 kW or 1.10/1.40 kW
<b>Spindle speeds:</b>	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
<b>Drive:</b>	pole switchable three-phase motor with V-ribbed belt
<b>Total stroke:</b>	the standard stroke is 80 mm, up to 100 mm is possible
<b>Thread-tapping stroke:</b>	0 - 32 mm via control system
<b>Drill feed:</b>	pneumatic, with oil brake cylinder
<b>Drill feed force:</b>	at 6 bar 1120 N at 8 bar 1490 N
<b>Thread-tapping power:</b>	M10 in St 50 at 0.70 kW M16 in St 50 at 1.10 kW
<b>Tool holder:</b>	chuck ER 32, clamping range $\varnothing$ 3-20 mm
<b>Weight:</b>	approx. 32 kg
<b>Assembly:</b>	on the head 4 x M8 with centering spigot $\varnothing$ 60 mm, pitch circle $\varnothing$ 80 mm or head and cover 4 x M8 (see drawing)