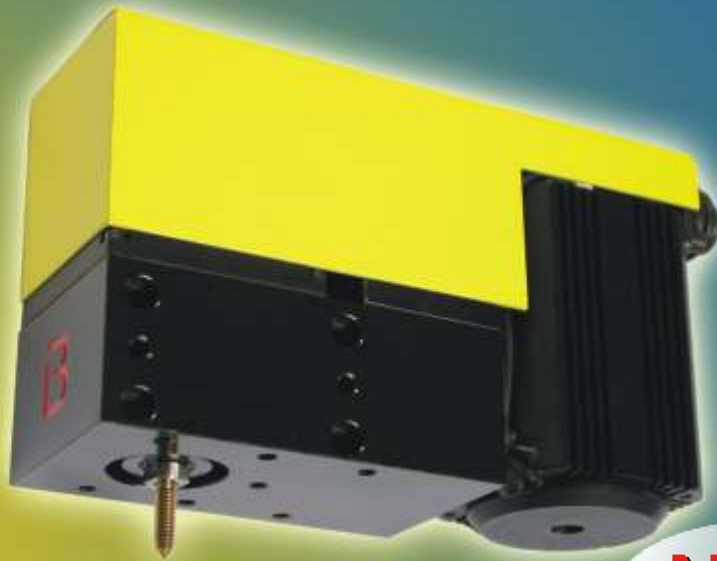
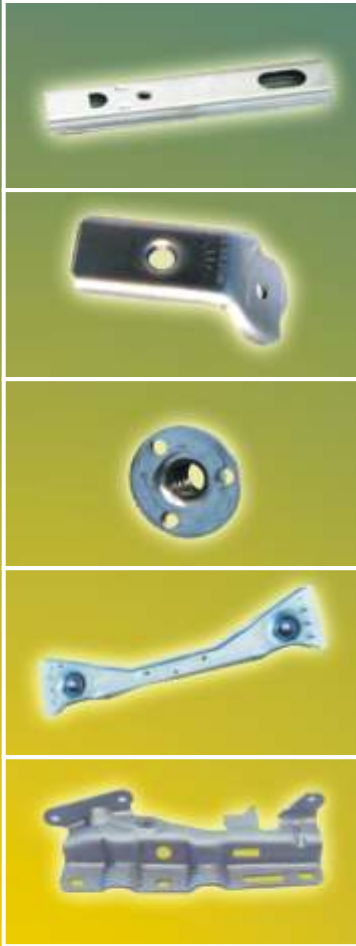


JOLLYTAP 48Volt

threading technology



NEW

- reduced size
- constant and variable tapping speed
- tap wear control; tapping torque control
- control of carried out threading
- lubrication of the tap at every single stroke



cutting
threadings



cold formed
threadings

www.bordignonsa.com



BORDIGNON

Jollytap is a digital tapping unit able of executing tapping in dies and in special equipments simply and easily, automatically, independently on the die's stroke. Jollytap is driven by a 48V brushless motor, low voltage and variable speed and by an authomatism controlling all phases of the tapping action. All you need is an electrical impulse (start) to execute the tapping automatically, always with the possibility of controlling the speed, the tapping depth, the torque and completion of threading action.

Unlike more traditional mechanical systems by rack, pinion or screw, Jollytap offers numerous advantages:

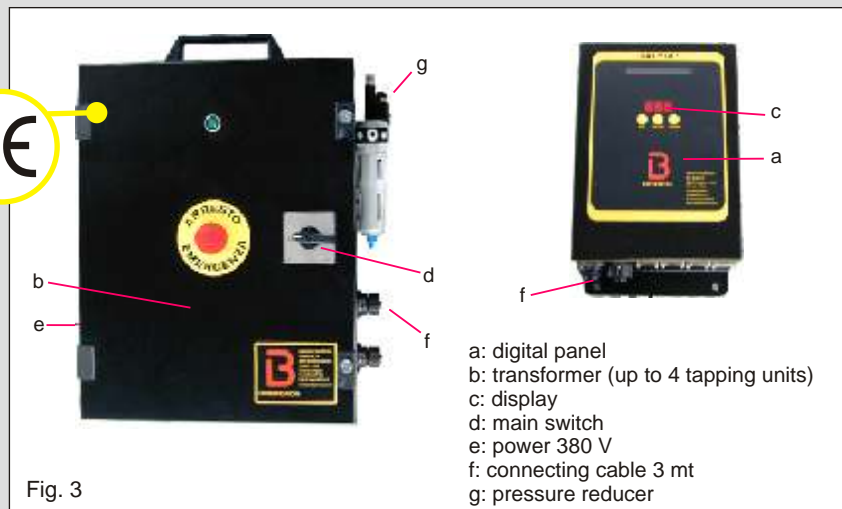
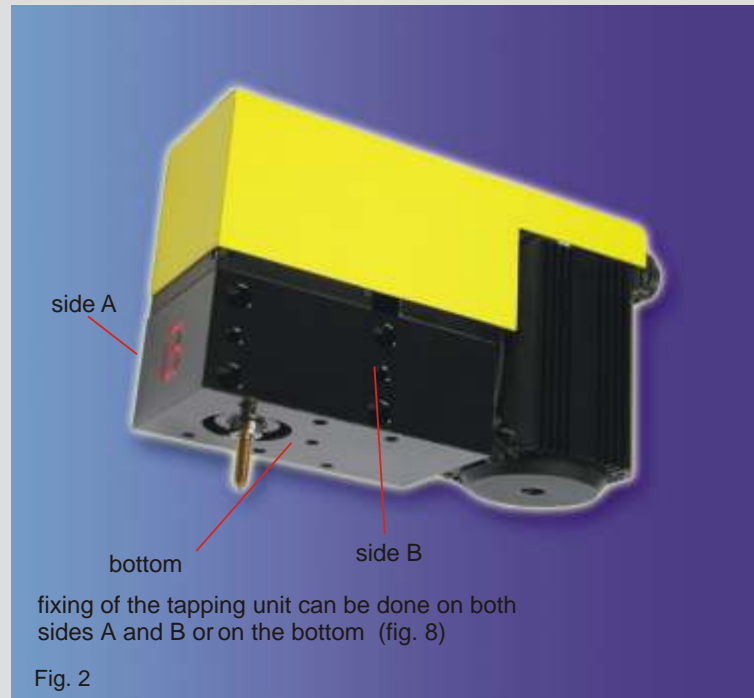
- easy installation and maintenance
- long life
- tapping independent from die's stroke in any position: horizontal, vertical, at any angle
- reduced size
- threading control
- tap is brought automatically in line with the hole
- automatic lubrication of tap at every stroke
- threading of blind holes
- left hand tapping (on request)

The digital panel (fig. 3) permits the easy control of:

- thread depth;
- tapping torque;
- tap wear;
- tap not lubricated;
- end of tapping;
- output alarm to stop the press.



Fig. 1: 4 tapping units with 4 digital panels and the transformer



Standard lubrication

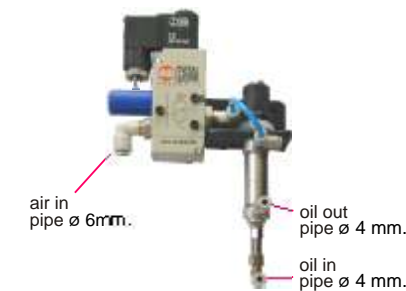


Fig. 4

Minimal lubrication (optional)

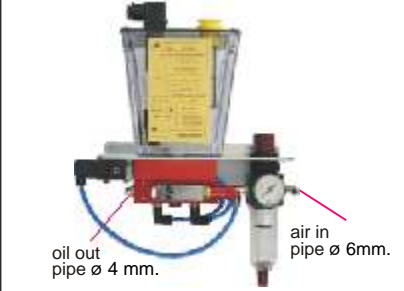


Fig. 5

On one side of the transformer lies the lubricating pump (fig. 4), with the function of lubricating the tap at every single stroke. The amount of lubricant used is easily regulated. The pressure reducer "g" governs the entry power of the tap in the hole for about 2-3 threadings.

recommended distance between tap and metal sheet

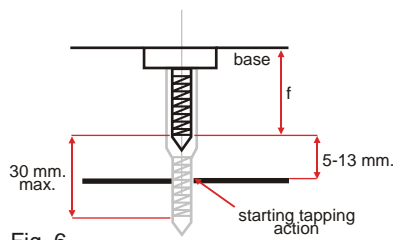
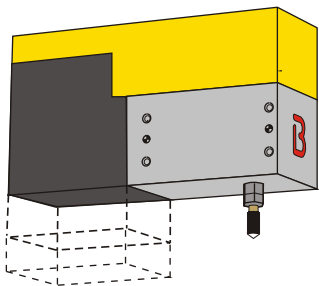


Fig. 6

Option servo-ventilating fan and/or bigger motor for high strokes per minute



Servo-ventilating fan dimension:
model TEM-1: 65X65 h 30
model TEM-2: 92X92 h 30

Bigger motor dimension:
model TEM-1: 65X65 h 20
model TEM-2: 92X92 h 30

Fig. 7

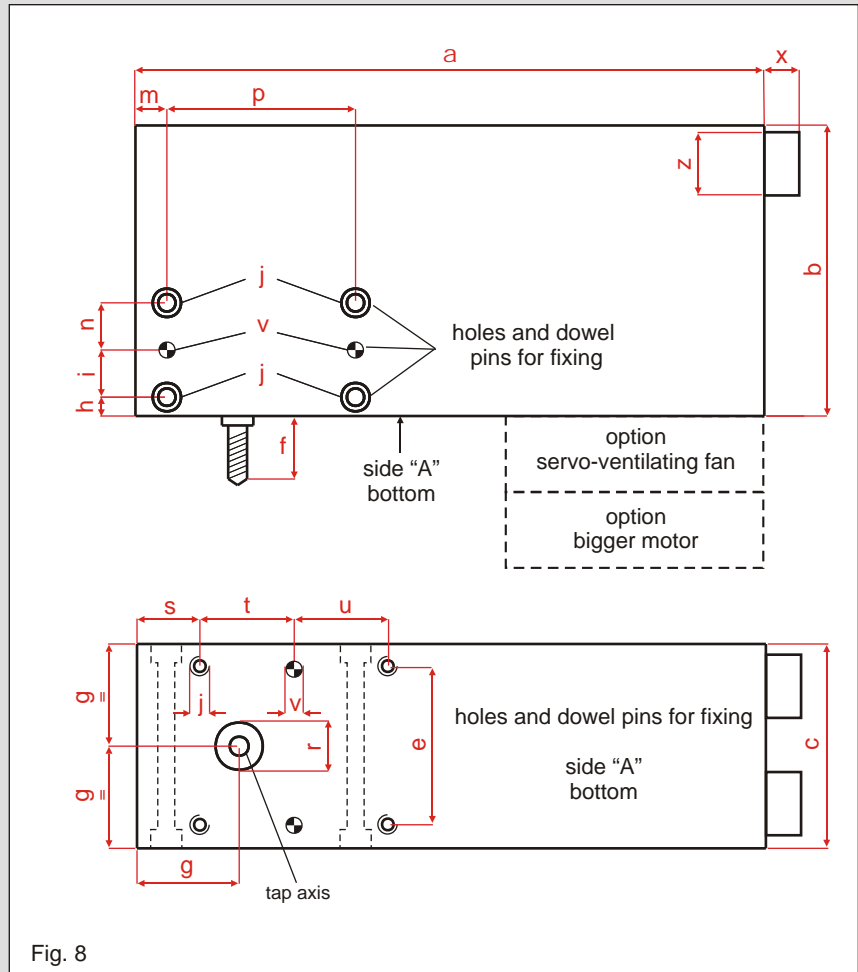


Fig. 8

Max. number of strokes depends on the diameter of the tapping and on the lubricant.
For further information, contact our technical office.

Model TEM-1 for threads from M2 to M6

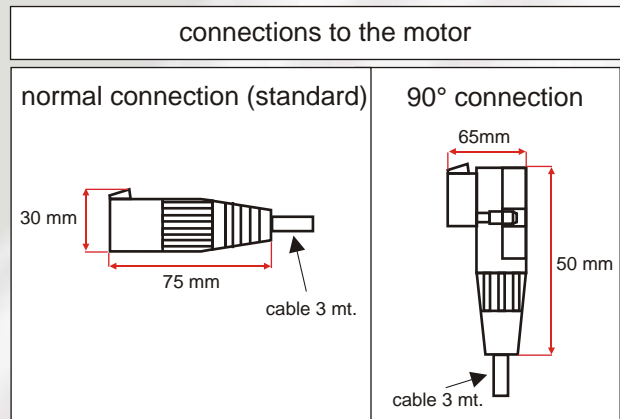
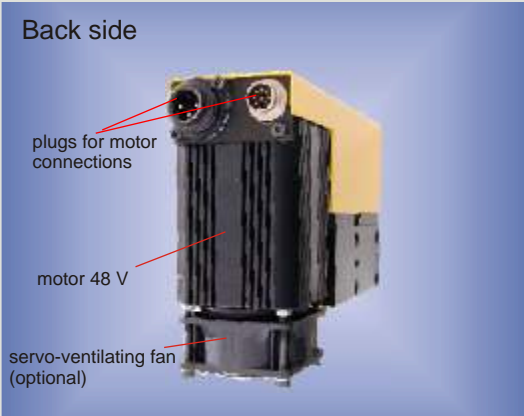
Model TEM-2 for threads from M8 to M12





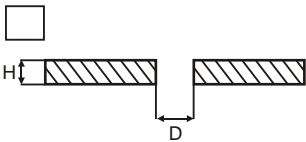
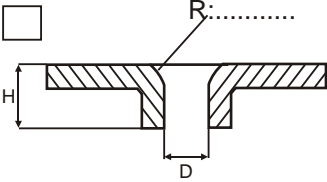
Ref. n°	a	b	c	e	g	h	i	j	n	m	p	r●	s	t	u	v	x	z ∅
TEM-1	200	120	65	50	32,5	6	15	M5	15	10	60	13	20	30	30	5	15	35
TEM-2	250	135	90	60	45	7,5	20	M6	20	15	80	18	25	50	50	5	16	30

f	M 2	M 2.5	M 3	M 3.5	M 4	M 5	M 6	M 8	M 10	M 12
TEM-1	12	12	14	16	17	18	20	-	-	-
TEM-2	-	-	-	-	-	-	-	25	30	40

BORDIGNON SIMONE reserves the right to make modifications to the products of this catalogue , without prior notice



TECHNICAL FORM:

 <input type="checkbox"/> <p>cold forming tap</p>	 <input type="checkbox"/> <p>cutting tap</p>
Tapping: M.....	
Material to tap: Tensile strength (N/mm ²):	
D:mm.	H:.....mm.
<input type="checkbox"/> 	<input type="checkbox"/> 
Strokes per minute: n.....	
Usable threading time:.....	