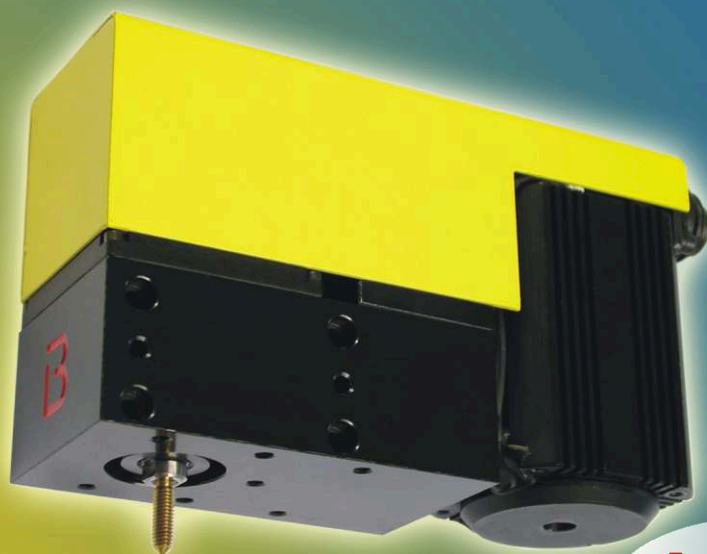
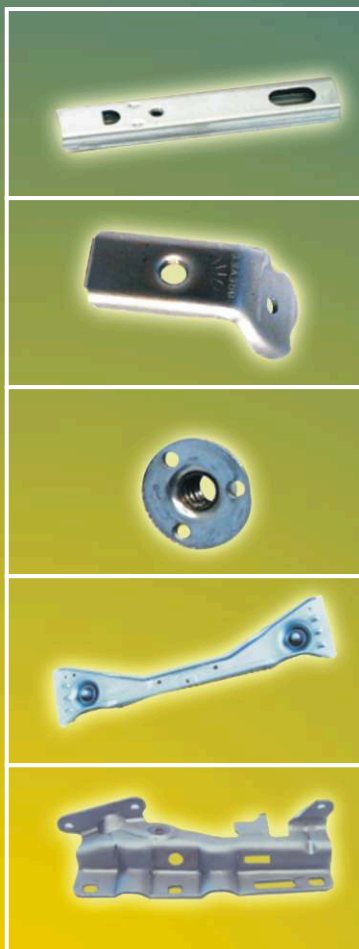


JOLLYTAP 48Volt

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 automatism 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:

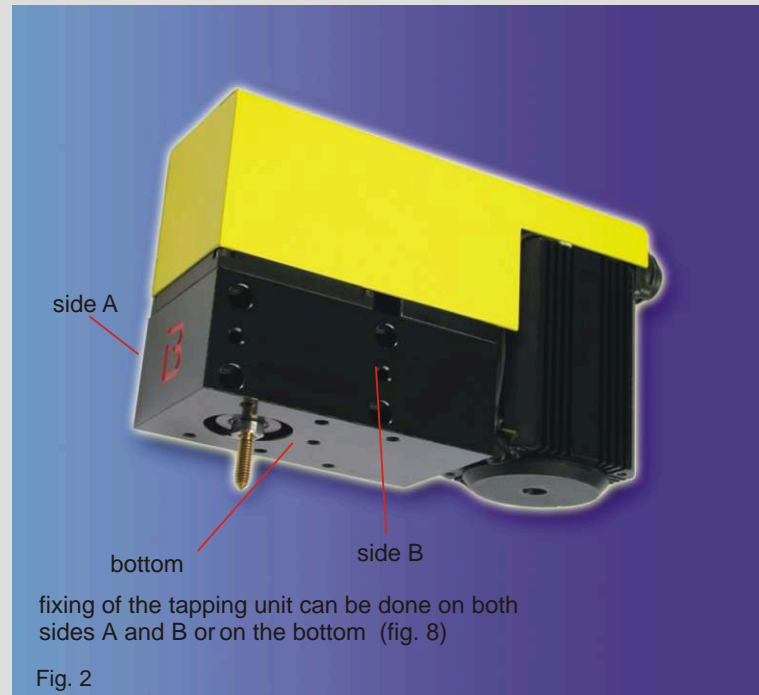
- easy installation and maintenance
- long life
- tapping independent from die's stroke in any position: horizontal, vertical, at any angle
- reduced size
- threading control
- tap is brought automatically in line with the hole
- automatic lubrication of tap at every stroke
- threading of blind holes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



fixing of the tapping unit can be done on both sides A and B or on the bottom (fig. 8)

Fig. 2

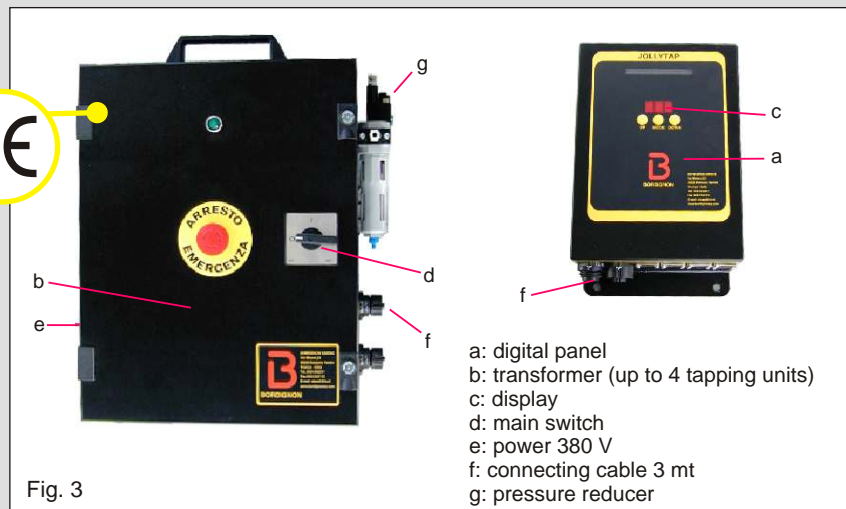


Fig. 3

- a: digital panel
- b: transformer (up to 4 tapping units)
- c: display
- d: main switch
- e: power 380 V
- f: connecting cable 3 mt
- g: pressure reducer

Standard lubrication

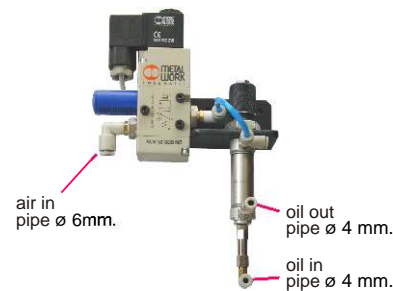


Fig. 4

Minimal lubrication (optional)

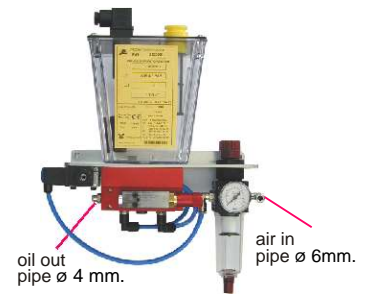
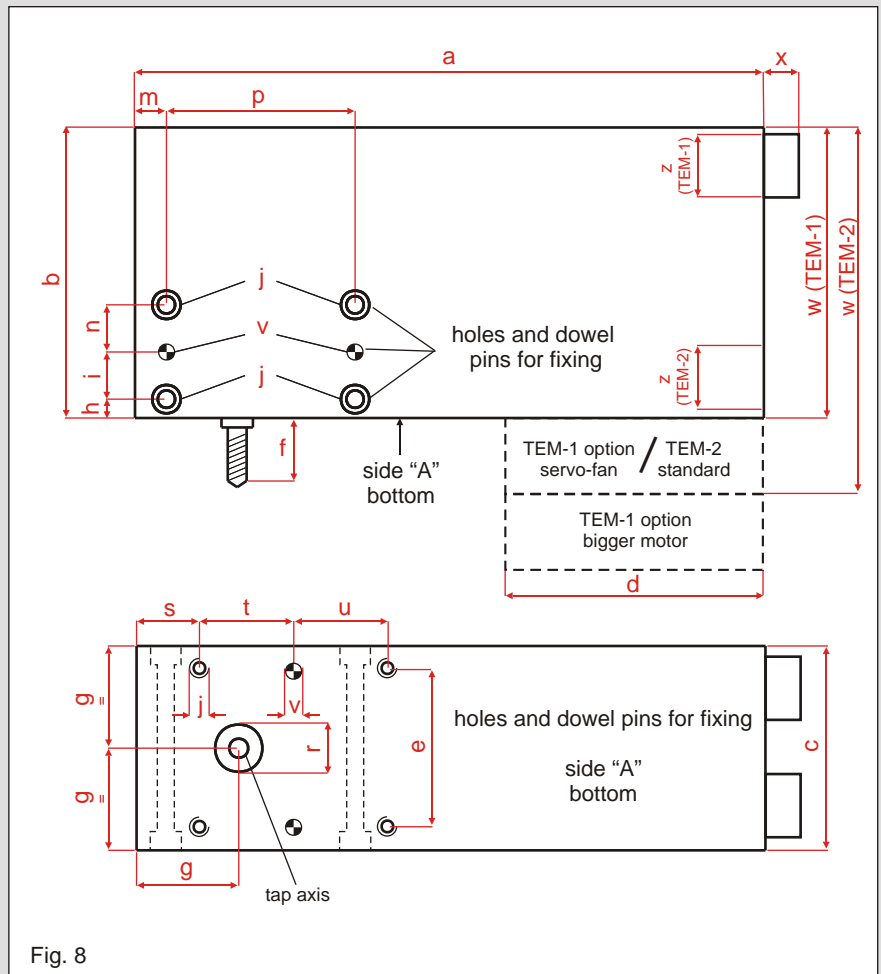
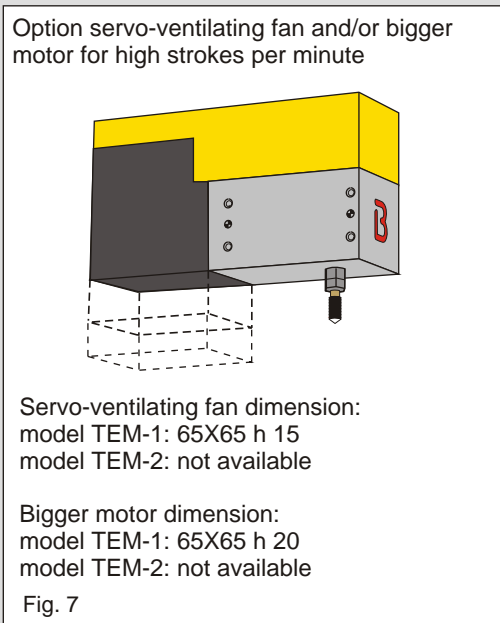
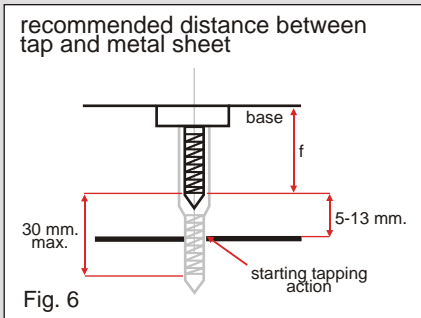


Fig. 5

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.



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

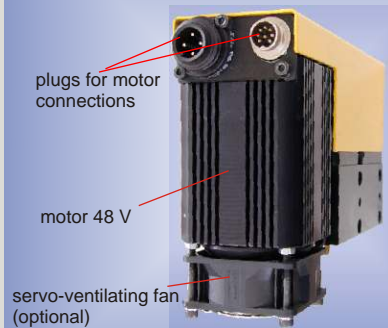
Model TEM-2 for threads from M8 to M12



Ref. n°	a	b	c	d	e	g	h	i	j	n	m	p	r●	s	t	u	v	w	x	zØ
TEM-1	200	120	65	65	50	32,5	6	15	M5	15	10	60	13	20	30	30	5	120	16	30
TEM-2	250	135	90	90	60	45	7,5	20	M6	20	15	80	18	25	50	50	5	160	16	30

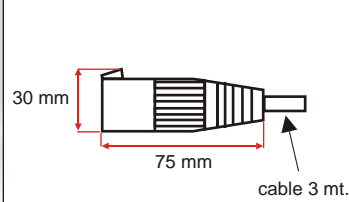
f	M 2	M 2.5	M 3	M 3.5	M 4	M 5	M 6	M 8	M 10	M 12
TEM-1	12	12	14	16	17	18	20	-	-	-
TEM-2	-	-	-	-	-	-	-	25	30	40

Back side

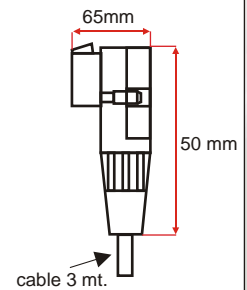


connections to the motor

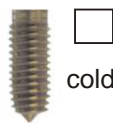
normal connection (standard)



90° connection



TECHNICAL FORM:



cold forming tap



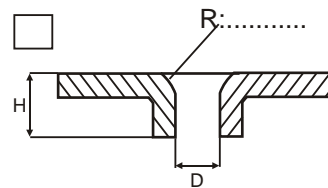
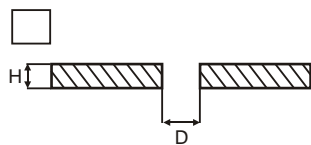
cutting tap

Tapping: M.....

Material to tap: Tensile strength (N/mm²):

D:mm.

H:mm.



Strokes per minute: n.....

Usable threading time:.....



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