

DEPRAG

HANDHELD TAPPER

Tapping up to M14 [9/16-inch]

The DEPRAG Tappers, having a tap capacity of up to M14 [9/16-inch] into steel and up to M16 [5/8-inch] for thread-chasing, are available in two design series:

- with pistolgrip housing, start and reverse by toggle-switch or dual-trigger for horizontal applications.
- with straight, inline housing, start by lever, reverse automatically by push-pull at double the speed, for vertical applications.

Instead of the standard tap-chuck, we also offer optional quick-change chucks with quick-change inserts.

The safety slip-clutch of the quick-change inserts protects the tapper from overload. Quick-change chucks are therefore well suited for small thread diameters, blind holes or where a frequent changing of tap-inserts is required.

As useful accessories, we offer affordable maintenance units, special lubrication oil for air-operated machines, as well as balancers and oil-resistant pressure-hoses (catalog D 3340E).



Technical Data

Pistolgrip	Model # Part #	191-427U 323513C	193-427U 302359C	-- --	193-337U 302373A	191-567U 301980A	
Straight	Model # Part #			194-431 302770A			194-561 *) 302850B
Tap Capacity in steel	mm/in	M5 / 3/16	M5 / 3/16	M6 / ¼	M8 / 5/16	M14 / ½	M14 / ½
Drill Capacity in aluminum	mm/in	M6 / ¼	M6 / ¼	M8 / 5/16	M10 / 3/8	M14 / ½	M16 / 13/32
Tap-Chuck							
Square chuck capacity	mm	3 – 9	3 – 9	3 – 9	3 – 9	3 – 9	3 – 9
Taper		B10	B10	B12	B12	B16	B16
Speed [right rotation]	rpm	620	650	650	650	300	320
Speed [left rotation]	rpm	660	680	1,120	550	250	550
Air Consumption	cfm	12	12	14	14	18	32
Power Output	kW / HP	0.15/0.2	0.15/0.2	0.25/0.34	0.3/0.4	0.4/0.53	0.7/0.94
Distance from center of spindle to outer housing	mm/in	15/0.59	18/0.70	20/0.78	22/0.87	25/0.98	25/0.98
Total Length	mm/in	193/7.6	235/9.3	295/11.6	260/10.2	275/10.8	390/15.4
Weight	mm/in	0.8 / 1.8	1.1 / 2.4	1.5 / 3.3	1.5 / 3.3	2.4 / 5.3	2.9 / 6.4
Hose ID	mm/in	6 / ¼	6 / ¼	6 / ¼	6 / ¼	10 / ⅜	10 / ⅜
Connection Thread	mm/in	¼ male	¼ male	¼ male	¼ male	⅜male	⅜male

Specifications are based on an air pressure of 6.3 bar (90 PSI)

*) Recommendation: use a Torque Reaction Arm with this size Tapper

STANDARD EQUIPMENT:

Quick Connect Coupler with Nipple, Standard Tap-Chuck, Side Handle (191-567U)

OPTIONAL EQUIPMENT:

Speed Regulator	Part No.	322671A					
Side Handle	Part No.				333834A	Standard	
2m Pressure and 0.75m Exhaust Hose	Part No.			314544A			
Silencer [for Exhaust Hose]	Part No.			313773			
Drill Chuck clamping range	mm	804655 0.5 – 6.0	804655 0.5 – 6.0	804650 0.5 – 8.0	804650 0.5 – 8.0	804652 1 – 13	804652 1 – 13
Quick Change Chuck	Part No.	805095	805095	805094	805094	805093	805093
and							
Quick Change Inserts with Safety Clutch for Taps with Shaft Dimension							
∅ mm x □ mm							
3.5 x 2.7 (M 3)	Part No.	805100	805100				
4.5 x 3.4 (M 4)	Part No.	805101	805101				
6.0 x 4.9 (M 5)	Part No.	805102	805102				
6.0 x 4.9 (M 6)	Part No.	805103	805103	805103	805103		
6.0 x 4.9 (M 7)	Part No.			805154	805154	805156	805156
7.0 x 5.5 (M 10)	Part No.			805155	805155	805157	805157
9.0 x 7.0 (M 12)	Part No.					805158	805158
11.0 x 9.0 (M 14)	Part No.					805159	805159