

Handheld Screwdriver pneumatic for special applications



RECYCLING Drivers

For the easy disassembly prior to recycling and repair

- perfectly balanced and ergonomic handle
- economical
- durable

The RECYCLING screwdriver is a specially designed tool for repair and recycling operations.

Especially when recycling electronic scrap material, a mechanical disassembly is required prior to the handling of chemical and thermal material. In most cases that requires the loosening of different screws.

The big challenge for a screwdriver is:

- to engage the screw drive with a bit
- to apply the required down-pressure right from the start, to avoid cam-out or ratcheting
- to reach a higher loosening torque and therefore breakaway if screws are rusted, etc., which has a direct impact on the operators hand

The ergonomic housing grip is designed in accordance with the newest OSHA-requirements and helps to absorb the torque reaction force. Furthermore, the lower housing flares out [bell bottom] to simplify the required push to start.



According to the required drive direction and the most positive support-grip, a technical clean solution is:

**RECYCLING screwdriver
for horizontal disassembly:**

For the horizontal disassembly we recommend the use of a screwdriver without clutch in pistolgrip design. The screwdriver is started by an ergonomic trigger. The bit change is done by an integrated quick change chuck. The RECYCLING screwdriver operates as follows: Set driver, engage bit, push trigger and tool will start and screw-connection is loosened. Backout torque reaction can easily be absorbed by the pistolgrip form.

**RECYCLING screwdriver
for the vertical disassembly:**

For the vertical disassembly we recommend the use of a reversible screwdriver with straight design. The start occurs in 2-steps. Possible backout torque reaction is limited by the adjustable, left-rotation safety-clutch. The bit change is done by an integrated quick change chuck. The RECYCLING screwdriver operates as follows: Set driver, apply small down-pressure to engage bit with screw drive at reduced speed, apply full down-pressure and disassemble fastener.

Technical data					
Screwdriver Style		Straight Motor Size 2.5		Pistol grip Motor Size 2.5	
Screwdriver, left rotation reversible to right rotation	Type Part no.	325-3258UL 362714A	325-4258UL 362714B	305-3257UL 352587E	305-4257UL 352587F
Torque max. (loosening torque)	Nm / in.lbs	10 / 88.5	10 / 88.5	15 / 133	18 / 159
Speed, idling	rpm	640	310	525	270
Air consumption	m ³ /min / cfm	0.35 / 12	0.35 / 12	0.35 / 12	0.35 / 12
Distance from spindle centre to side	mm / in.	20 / ²⁵ / ₃₂	20 / ²⁵ / ₃₂	20 / ²⁵ / ₃₂	20 / ²⁵ / ₃₂
Length	mm / in.	242 / ⁹ ¹⁷ / ₃₂	242 / ⁹ ¹⁷ / ₃₂	205 / ⁸ ¹ / ₁₆	205 / ⁸ ¹ / ₁₆
Weight	kg / lbs	0.8 / 1.8	0.8 / 1.8	1 / 2.2	1 / 2.2
Noise level	dB (A)	76	76	76	76
Air hose dia.	mm / in.	6 / ¹ / ₄	6 / ¹ / ₄	6 / ¹ / ₄	6 / ¹ / ₄
Air inlet pipe thread size		¹ / ₄ " m	¹ / ₄ " m	¹ / ₄ " m	¹ / ₄ " m
Internal hex. drive DIN ISO 1173		F6.3 (¹ / ₄ ")	F6.3 (¹ / ₄ ")	F6.3 (¹ / ₄ ")	F6.3 (¹ / ₄ ")
Quick change chuck, mounted		yes	yes	yes	yes
Included in delivery:		Hose coupling with nozzle and nipple Set of torque adjustment tools Set of clutch springs		Hose coupling with nozzle and nipple	

Performance data relate to an air pressure of 6.3 bar (90 PSI)

Suitable tool inserts and connecting components with a drive as per DIN ISO 1173 – E6.3 (1/4 ") → catalog D3320E.

i It is necessary to use a torque support (e.g. stand, handgrip) for maximum torque: over 4 Nm for straight design, over 10 Nm for pistol grip. Suitable torque supports can be found in our catalog D3345E.



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