

# Installation Tools for Lockbolts

## 734 Series

### Features

- Robust and rugged installation tools
- Mounted on castors
- Available in voltages from 110V to 525V, diesel option customised to specification
- Easy to change nose equipment
- Switches to 'sleep' to conserve energy

### Benefits

- Long working life in extreme conditions
- Secure, long lasting assembly at high speed
- Ease of operation
- Economic



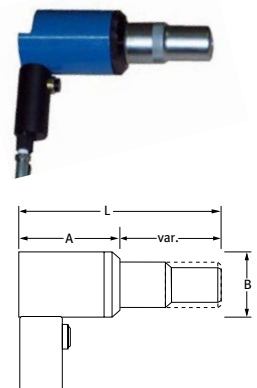
### Specifications / Dimensions (mm/inch)

Power Unit Model Part No.	Single Tool							Twin Tool <sup>1)</sup>	
	HP11	HP21	HP22	HP23	HP41	HP42	HP51	HP24	HP43
	73405-02000	73401-02000	73407-02000	73406-02000	73400-02000	73408-02000	73403-02000	73401-22000	73400-22000
Power supply	110 V 1 Phase 60 Hz 30.6 A	220/230 V 1 Phase 50 Hz 15.0 A	220/230 V 1 Phase 60 Hz ±12.0 A	220/230 V 3 Phase 60 Hz ±10.0 A	380/415 V 3 Phase 50 Hz 5.3 A	380/415 V 3 Phase 60 Hz 4.8 A	525 V 3 Phase 50 Hz 3.8 A	220/230 V 1 Phase 50 Hz 15.0 A	380/415 V 3 Phase 50 Hz 5.3 A
Max. performance	2.2 kW								
Hydraulic pressure	Pull max. 55.2 MPa (552 bar, 8,000 psi) / Return max. 20.7 MPa (207 bar, 3,000 psi)								
Flow rate per tool	2.6 l/min.	2.6 l/min	2.6 l/min	3.1 l/min	3.3 l/min	3.2 l/min	3.3 l/min	1.3 l/min	1.6 l/min
Length x Height x Width	815 x 530 x 360 mm (32 x 21 x 14")								
Weight incl. hydraul. oil <sup>2)</sup>	98 kg (216 lbs)							103 kg (227 lbs)	

<sup>1)</sup> We offer power units that are designed for use with two tools simultaneously.

<sup>2)</sup> Please note that power units are supplied without oil and must be primed before use (please see tool manual).

Installation Tool	Model T30 Part-No. 73412-02000	Model T51 Part-No. 73410-02000	Model T10 Part-No. 73411-02000
Fastener diameter	∅ 12.7 - 19.1 mm ( <sup>1</sup> / <sub>2</sub> " - <sup>3</sup> / <sub>4</sub> "	∅ 22.2 - 28.6 mm ( <sup>7</sup> / <sub>8</sub> " - 1 <sup>1</sup> / <sub>8</sub> "	∅ 9.6/10.0 ( <sup>3</sup> / <sub>8</sub> " and Avseal® II 15 & 16 mm
Stroke	41 mm (1.61")	65 mm (2.56")	25 mm (1")
Pull force	175 kN (39,340 lbf)	350 kN (78,680 lbf)	58 kN (13,040 lbf)
Body diameter B	89 mm (3.50")	122 mm (4.80")	60 mm (2.36")
Body length A	143 mm (5.63")	205 mm (8.07")	158 mm (6.22")
Overall length L	253 - 274 mm (9.96 - 10.79")	353 - 363 mm (13.90 - 14.29")	244 - 247 mm (9.61 - 9.72")
Weight with nose equipment	8.0 kg (17.6 lbs)	18.0 kg (39.7 lbs)	3.5 kg (7.7lbs)
without nose equipment	6.3 kg (13.9 lbs)	13.7 kg (30.2 lbs)	3.25 kg (7.2 lbs)



### Placing capability

Hose	Part No.	
6 metre	07005-10014	All Avdelok® LD lockbolts from ∅ 12.7 mm ( <sup>1</sup> / <sub>2</sub> " to 28.6 mm (1 <sup>1</sup> / <sub>8</sub> "), Avdelok® lockbolts ∅ 9.6 mm ( <sup>3</sup> / <sub>8</sub> "), Avbolt® fasteners 10.0 & 16.0 mm ( <sup>3</sup> / <sub>8</sub> & <sup>5</sup> / <sub>8</sub> " as well as Avseal® II sealing plugs 15.0 & 16.0 mm. For detailed information on placing capability and nose equipment please refer to the tool manual on our website <a href="http://www.avdel-global.com">www.avdel-global.com</a> or contact your local Avdel representative.
10 metre	07005-10034	
15 metre	07005-10035	