

Installation Tools

AV™ Series Tools

The AV™ hydro-electric power tool line is capable of setting all Avdelok® and Avdelok® XT lockbolts from as small as 3/8" (9.6mm) to as large as 1 1/8" (28.6mm). It also has the flexibility needed to set Avbolt® sizes 5/16" (8.0mm) through 5/8" (16.0mm) and other brands of large diameter lockbolts.

Features and Benefits

- Robust and highly durable installation tools designed for a long working life in extreme conditions
- Choice of placing heads and nose equipment to suit the entire range of large diameter Avdelok® XT lockbolts as well as other lockbolt brands
- Ergonomic and compact design for optimised operator comfort
- Easy-to-change nose equipment and range of hydraulic hoses in different lengths enable the tool to be adapted to suit local assembly requirements
- Low maintenance

Specifications

| | | AV10 73430-02000 | AV15 73432-02000 | AV30 73434-02000 | AV50 73435-02000 |
|-------------------------------|--|---------------------|---------------------|---------------------|----------------------|
| Operating pressure | Pull Return | 510 bar 200 bar | | | |
| Force | Pull at stated pull pressure Push Off at stated return pressure | 55 kN 26 kN | 80 kN 37.5 kN | 175 kN 81 kN | 350 kN 168 kN |
| Piston stroke | | 25 mm | 32 mm | 41 mm | 55 mm |
| Weight without nose equipment | | 3.5 kg | 4.5 kg | 6.8 kg | 13.5 kg |
| Power / Weight ratio | | 15.7 | 17.7 | 25.7 | 17.9 |
| Swept volume | Pull Return | 114 cm³ 139 cm³ | 214 cm³ 261 cm³ | 589 cm³ 705 cm³ | 1564 cm³ 1869 cm³ |

Nose Equipment / Optional Accessories

| Product | Diameter | AV™ Tool | Nose Equipment |
|-------------|-----------------|----------|-----------------------------|
| Avdelok® | 3/8" (9.6mm) | AV10 | 73430-03100 |
| | 1/2" (12.7mm) | AV15 | 73432-03200 73433-03200* |
| | 5/8" (15.9mm) | AV30 | 73412-03200 |
| Avdelok® XT | 3/4" (19.1mm) | AV30 | 73412-03300 |
| | 7/8" (22.2mm) | AV50 | 73410-03200 |
| | 1" (25.4mm) | AV50 | 73410-03100 |
| | 1-1/8" (28.6mm) | AV50 | 73410-03300 |
| Avbolt® | 5/16" (8.0mm) | AV10 | 73430-03300 |
| | 3/8" (10.0mm) | AV10 | 73430-03200 |
| | 1/2" (12.7mm) | AV15 | 73432-03100 |
| | 1/2" (12.7mm) | AV30 | 73412-03600 |
| | 5/8" (16.0mm) | AV30 | 73432-03100 |

* Nose assembly with jaw release



AV10



AV15



AV30



AV50