

Tools



Description

The tools shown in the following chapter considerably improve and professionalize assembly, maintenance and testing work on lubrication systems.

- Hand-operated bending tools are available for bending steel pipes in the outer diameters of 4, 6, 8, 10 mm; machine-operated bending devices should be used for larger diameters or quantities
- Claw groove tool can be used to cut the metal pipe to length in one step and to produce the exact geometric shape of the claw groove; a claw groove is necessary for the three O-ring connection fittings
- The hand lever grease gun can be optimally used for functional testing and pressure testing of small central lubrication systems (preferably progressive systems) and progressive metering devices; it is equipped with:
 - High-pressure hose 1 m long
 - Glycerin damped manometer 0–400 bar, 63 mm diameter
 - Union nut and cutting ring for connection to cutting ring fittings for pipe Ø 6 mm

Features and benefits

- Simple and proven design for use with all lubrication systems
- Manual tools, no additional energy source required
- Professional tools to achieve the right quality result

Applications

- Lubrication system installation
- Lubrication system startup
- Lubrication system maintenance

Tools

Pipe cutter



Description

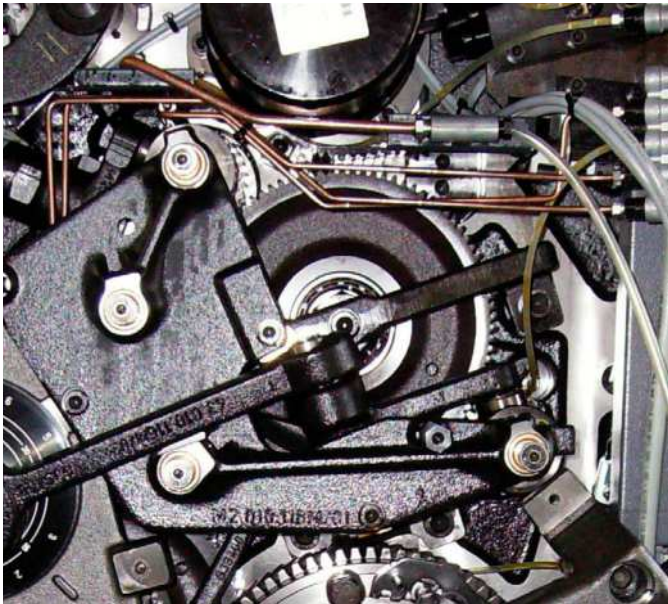
This manual pipe cutter is particularly suitable for pipes made of copper, brass, light metal and hard plastic, as well as for steel and stainless steel pipes with outside diameters from 3 to 35 mm and a maximum cutting depth of 2.5 mm.

Features and benefits

- Optimal hold of the tube when cutting with two guide rollers
- Combines accuracy with ease of use
- Optimal size, light weight

Applications

- Metal and plastic forming machinery
- Construction machinery
- Agriculture, automation
- Printing



Technical data	
Function	manual tube cutter
Material	steel, metal, plastic
Dimensions	145 x 58 x 45 mm 5.70 x 2.28 x 1.77 in

Order information				
Order number	Designation	Tube	Weight	
		Ø mm	g	lb
223-10540-1	STEEL PIPE CUTTER	3 - 35	356	0.78
223-10540-2	CUTTING COG SR153	3 - 35	6	0.01

Tools

Claw groove tool



Description

The manual claw groove tool is suitable for hardened copper, brass, steel and stainless steel tubes with diameters of 4, 6, 8 and 10 mm. It allows the creation of claw grooves on metal pipes that are needed for use with SKF quick connectors.

Features and benefits

- One compact tool for both cutting and grooving
- Combines accuracy with ease of use
- Optimal size, light weight

Applications

- Metal and plastic forming machinery
- Construction machinery
- Agriculture, automation
- Printing



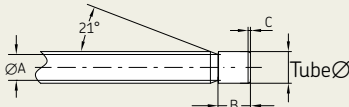
Technical data

Function	manual claw groove tool
Material	steel, metal, plastic
Dimensions	154 x 50 x 50 mm 6.06 x 1.96 x 1.96 in

Order information

Order number	Designation	Tube	Weight	
			Ø mm	g lb
169-000-336	Pipe cutter 4 mm	4	345	0.76
169-000-337	Pipe cutter 6 mm	6	344	0.76
169-000-338	Pipe cutter 8 mm	8	349	0.77
844-330-006	Cutting ring 4 mm	4	20	0.044
844-330-007	Cutting ring 6 mm	6	21	0.046
844-330-007	Cutting ring 8 mm	8	21	0.046

Claw grooves



For the use of SKF quick connector fittings, a claw groove is required at the end of the pipe.

Claw groove information

Tube	A	B	C
Ø mm	mm	mm	mm
4	3,1	5	0,3 ... 0,7
6	4,9	6,2	0,4 ... 0,9
8	6,9	6,2	0,5 ... 0,9

Tools

Tube bender



Description

The easy-to-use manual tube bender is designed for pipe diameters of 6, 8 and 10 mm and has a bending radius range from 1-180° with a visible, marked scale featuring 15° steps. The bender is suitable for use with hardened copper, steel and stainless steel tubes.

Features and benefits

- Designed for bending hardened copper, steel and stainless steel
- Provides measurements in inches and millimeters
- Combines accuracy with ease of use
- Optimal size, light weight
- Includes oil-absorbing shoe

Applications

- Metal and plastic forming machinery
- Construction machinery
- Textile machinery
- Agriculture
- Automation
- Printing

Technical data

Function	manual tube bender
Material	steel, metal, plastic
Bending radius	1-180°
Scale	15° steps
Length	260-370 mm 10.23-14.56 in

Order information

Order number	Designation	Tube	Weight	
		Ø mm	kg	lb
223-13700-8	HAND-BENDING MACHINE	6	0,7	1.54
223-13700-9	HAND-BENDING MACHINE	8	1,3	2.86
223-13700-7	HAND-BENDING MACHINE	10	1,18	2.60

Tools

Tube bending fix



Description

Designed for installation on a workbench, the manual tube bending fix is suitable for hardened copper, steel and stainless steel tubes with diameters of 4, 6, 8 and 10 mm. Its bending radius range is 1-180°.

Features and benefits

- One compact tool for workbench assembly with exchangeable bending disks
- Combines accuracy with ease of use
- Optimal size, light weight

Applications

- Metal and plastic forming machinery
- Construction machinery
- Textile machinery
- Agriculture
- Automation
- Printing

Technical data

Function	manual tube bending fix
Material	steel, metal, plastic
Bending radius	1-270°

Order information

Order number	Designation	Tube Ø mm	Weight	
			kg	lb
248-803.20	Tube bending fix	4, 6, 8, 10	1,53	3.37
248-803.17	Bending disk	12 (special grooved disk) ¹⁾	0,378	0.83
248-803.16	Bending disk	4 (retro fitting set) ²⁾	0,093	0.21

¹⁾ To bend pipes with 12 mm diameter, the special grooved disk 248-803.17 must be ordered in addition to pipe bending device 248-803.20.
²⁾ Retro fitting set with grooved disk for older pipe bending devices 248-803.20.

Tools

Tube cutter



Description

This manual tube cutter is particularly suitable for tubes and hoses made of plastic and rubber, including tubes with thin metal layers. It cuts tubes with outside diameters up to 12,5 mm.

Features and benefits

- Combines accuracy with ease of use
- Highly resistant against stress and flexural vibrations
- Small size, light weight

Applications

- Metal and plastic forming machinery
- Construction machinery
- General industry
- Agriculture
- Printing

Technical data

Function	manual hose cutter
Material	steel, metal
Dimensions	175 × 115 × 10 mm 6.88 × 4.52 × 0.39 in

Order information

Order number	Designation	Tube
		Ø mm
226-12508-5	TUBE CUTTER	1-12,5
226-13095-7	TUBE CUTTER REPLACEMENT BLADES	1-12,5

Tools

Grease pump set for pressure and function check



Description

This manual grease pump set for pressure and function check is a perfect tool for lubrication system installation, maintenance or troubleshooting existing systems. Its integrated pressure gauge, hose and fitting enable accurate system function check and help to identify system leaks as well as system blockages. The set includes two different connection options: a hydraulic coupler for grease nipple, and a fitting for connection of tube Ø6 mm.

Features and benefits

- Combines accuracy with ease of use
- Set contains a wide range of fittings
- Robust and reliable tool
- Small size, light weight

Applications

- Metal and plastic forming machinery
- Construction machinery
- General industry
- Agriculture
- Printing

Technical data

Function	grease pump set for pressure and function check
Connections	hydraulic coupler for grease nipple, or fitting for connection of tube Ø6 mm
Material	steel, metal

Order information

Order number	Designation
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604-36879-1 PRESSURE AND FUNCTION TESTING SET

Tools

Drum plug wrench



Description

The drum plug wrench was developed to simplify the opening and closing of caps and plugs on fluid drums. The model 5841 wrench eliminates the need for cumbersome makeshift tools, such as screwdrivers and hammers. Constructed of safe, non-sparking cast aluminum, the drum plug wrench features a comfortable, textured grip. This cost-effective wrench is suitable for agriculture, construction, industrial, fleet maintenance and vehicle service applications – anywhere that fluid drums are used. It is compatible with standard metal and plastic caps or plugs on 60 l (16 gal) and 200 l (55 gal) drums.

Features and benefits

- Suitable for common cap types – both plastic and metal
- Non-sparking, non-corrosive aluminum construction
- Saves time and effort when loosening and tightening plugs and caps
- Fits large and small caps
- Cost-effective solution
- Simple to use

Applications

- Caps or plugs on 60 l (16 gal) and 200 l (55 gal) drums

Technical data

Function	drum plug wrench
Application	60 l (16 gal) and 200 l (55 gal) drums
Material	aluminum
Wrench	3/4

Order information

Order number Designation

005841 DRUM PLUG WRENCH

Tools

Socket wrench insert for elbows



Description

This socket wrench insert for elbow fitting mounting allows quick and clean system installation work, especially in machines or in facilities where lubrication lines have to run around many corners and barriers.

Features and benefits

- Combines accuracy with ease of use
- Highly resistant against stress and flexural vibrations
- Small size, light weight

Applications

- Metal and plastic forming machinery
- Construction machinery
- General industry
- Agriculture
- Printing



Technical data

Function	socket wrench insert
Application	elbows with max. width of 11 mm
Material	tool steel
Wrench	1/4
Dimensions	Ø24 mm, height 20 mm

Order information

Order number Designation

917-877 SOCKET WRENCH INSERT FOR ELBOWS

Tools

Mounting stud for hose couplings



Tools

Description

The mounting stud is an important tool for the self-assembly of threaded joints of high-pressure hoses. With the aid of the stud, it is possible to mount the threaded sleeve in the correct position in the high-pressure hose. This is important because incorrectly mounted sleeves can cause the hose to burst or couplings not to seal.

Features and benefits

- Simple mounting without complex measuring with caliper
- Avoids malfunctions in the central lubrication system due to blocked or burst hose lines
- Avoids errors during hose assembly

Applications

- Hose mounting for nominal diameter 6 mm

Technical data

Function	mounting stud
Hose type	ND 6 mm
Immersion depth	11 mm
Material	galvanized steel
Weight	20 g; 0.05 lbs
Dimensions	Ø10 mm, Ø6 mm, 40 mm

Order information

Order number Designation

432-23077-1 MOUNTING STUD