









WorkCenter F3, PR022 and E0-KARRYFORM for E02-FORM





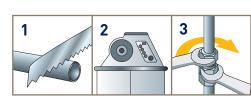
The systematic forming process

EO2-FORM – the positive-locking high-pressure tube fittings

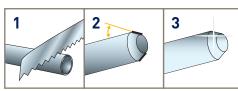
Nowadays many hydraulics users are benefitting from the freedom of leakage and enormously high pressure resistance of the EO-2 connector. EO2-FORM is an attractive solution for highpressure tube fittings, bringing together as it does all the advantages of brazing, welding and well-proven EO-2 technology. Load capacity and low tightening torques are achieved by means of this special cold-forming process. Like EO-2, EO2-FORM with their permanent soft-sealing, also contributes to eliminating leak problems in fluid systems. Thanks to EO2-FORM technology, the soft-sealing EO-2 programme is even usable where cutting ring fittings are not usually employed - above all, where there are more demanding requirements for tear-out safety in water hydraulic steelworks, cranes, lifts and the offshore

industry. The EO2-FORM process is quicker and more convenient compared with welding or brazing. Neither specialised tube treatment, heating nor chemicals are needed. Furthermore, the EO-2 sealing ring is available in FKM material, enabling the connector to also be used for high temperatures or aggressive media.

- Positive-locking fitting with high operational safety.
- Approved for safety-important areas such as: hydraulic presses, cranes, lifts and hydraulic steelworks.
- Ideal alternative to the welding connectors used in shipbuilding, offshore and heavy machinery construction.
- Product family: same EO retaining nut and seal for EO-2 and EO2-FORM.



The operations in the FORM process compared with conventional welding.





The forming process

Forming instead of welding.



1. The tube end is prepared and fitted with an EO retaining nut.



2. The tube is inserted into the tools and the process started.



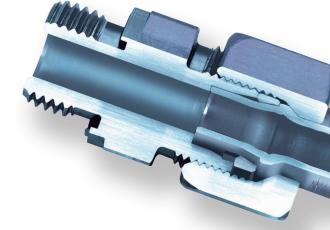
3. The contour of the termination is determined by the geometry of the tools.

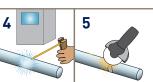
The forming process is completed.



4. The tube end is unclamped and can be removed from the machine.















The E02-FORM WorkCenter F3

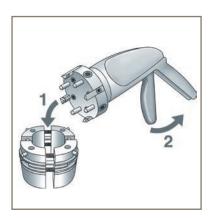
All aboard.

The EO2-FORM WorkCenter F3 is completely automatic in operation and has been designed for practical workshop application. Opening the doors turns the machine into a totally equipped WorkCenter. The tool storage area is located in the front – the tools are neatly laid out and easily viewed. No other workbenches or tool racks are required. Special convenient-to-handle tools make the machine setups and tool changes easier. Thanks to automatic tool recognition,

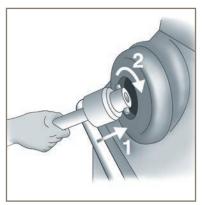
the operator has only to press the start button, whereupon the tube is formed into the correct shape in one pass. This means that EO2-FORM connections are extremely simple to manufacture. The EO2-FORM F3 is so reliable because of its powerful hydraulic drive and robust forming tools.



Convenient "one button operation".



Practical pistol holder for simple change of forming die sets.



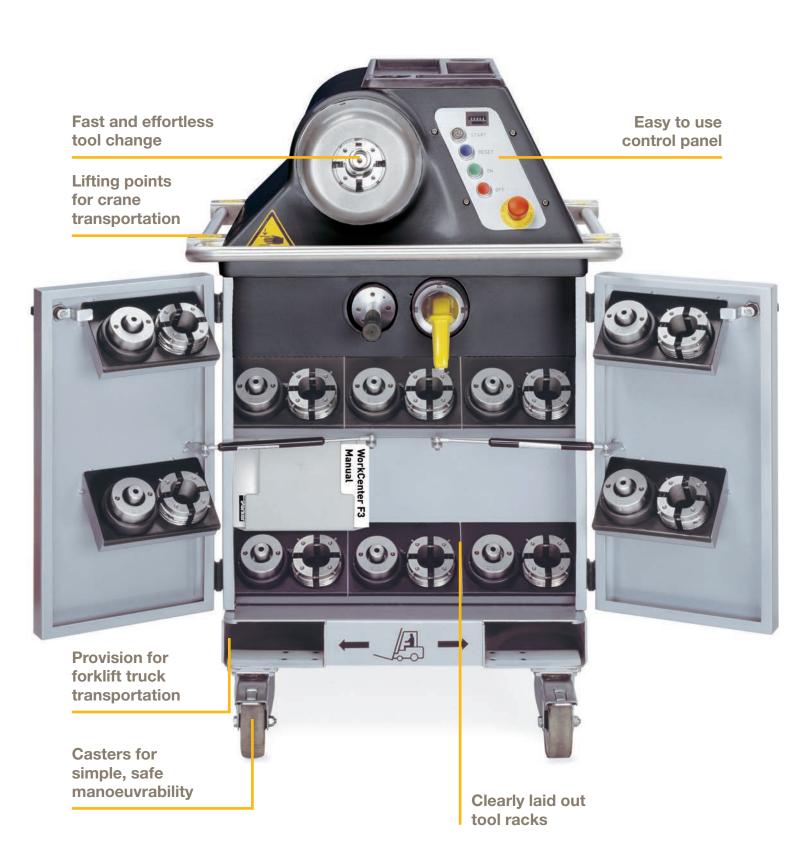
Bayonet fitting for secure insertion of the forming pin.



The machine can be easily integrated into any existing workshop set-up.

- Workshop machine for universal use.
- 6 to 38/42 mm tube OD.
- Cycle time approx. 20 seconds.
- Especially advantageous for:
 hydraulic presses, cranes and lifts,
 heavy machinery, shipbuilding,
 offshore and hydraulic steelworks.





The E02-FORM WorkCenter PR022

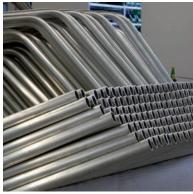
Mass production without tears.

The EO2-FORM WorkCenter PRO22 is based on proven EO2-FORM technology and was specially designed for the economic production of EO2-FORM tube fittings. Compared with the EO2-FORM F3 WorkCenter, the PRO22 production machine works considerably more efficiently and can machine tighter tube bends.

Because of its powerful drive and efficient cooling, continuous mass production on a shift-work basis is provided for. In addition, the machine is especially quiet and vibration-free in operation.



Oil sponge enables tube end to be moistened.



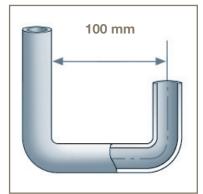
The WorkCenter is designed for professional series production.

Freedom from leaks without high extra costs.

In mass production nowadays, cutting ring connectors, as well as EO-2, are still usually employed. Because of the increasing stress on securing freedom from leaks, such users are now also interested in positive-locking, soft-sealing solutions. EO2-FORM provides greater value-for-money than EO-2.

Compact assembly head for tight tube bends.

Small to medium tubes from 6 to 22 mm can be accommodated on the new machine. The compact assembly head enables even tight tube bends to be machined.



Also suitable for particularly tight tube bends.



Excess oil and debris are collected in a drawer.

- Production machine for economical and fail-safe manufacturing.
- 6 to 22 mm tube OD.
- Cycle time approx. 6 seconds.
- Advantageous for applications such as: manufacturers of agricultural machinery, construction machines, trucks, fork lift trucks and other mass-produced hydraulic equipment.





EO-KARRYFORM forming machine

Lightweight. Portable. Cost saving.

With the portable EO-KARRY-FORM forming machine tear-out resistant tube connectors in steel and stainless steel can be done directly at the point of installation.

The EO-KARRYFORM can produce tubes with outside diameters ranging from six to 42 mm. The EO-KARRYFORM consists of a hydraulic drive unit in a mobile trolley and a forming cylinder, which can be safely connected by means of Parker hydraulic hoses and quick release couplings. The tools, consisting of clamping dies and forming pins plus insertion tools, are transportable separately in a dedicated tool box. This lightweight machine, weighs approximately 135 kg, allowing it to be quickly and safely transported in, for example, a suitable van to the assembly point.

The EO-KARRYFORM concept is cost-saving because F3 and PRO22 Workcenter tools can also be used for forming processes. Cycle time is approximately 20 seconds and the smallest 180° elbow is 115 mm. This new machine can be easily deployed for both mobile service on-site directly at the assembly point, and also for conventional workshop operation.



Mobile hydraulic trolley



Usage of transportation bar



Wired remote control



Tool box

- Portable machine for the production of tear-out tube connections
- 6 to 42 mm tube O.D.
- Cycle time approx. 20 seconds
- Beneficial for: Workshops, directly at the assembly point



Technical data

	EO2-FORM F3 and PRO22		
Machine	LOZ-I ONWI I O AND PROZZ		
Designated use	Cold forming of tube ands for tube connections		
Method	Cold forming of tube ends for tube connections		
Suitable for	Axial swaging		
Suitable for	EO tube fittings to DIN EN ISO 8434-1 Hose connections to DIN 71550		
	Tiose connections to Diff / 1330		
Tube specification			
Steel tubing	see Technical Handbook 4100, p. B15		
Stainless steel tubing	see Technical Handbook 4100, p. B15		
Other materials	CuNiFe, duplex and others on request		
Boiler tube	Tubes for turbine construction on request		
Bollet tabe	rabes for tarbine construction of request		
Tools	Interchangeable		
Clamping die sets	"MF3" single part clamping die sets, one type for each tube OD		
Forming pin	"BF3" forming pin with inner mandrel, one type each per tube OD, wall thickness and material		
Function			
Tool change	Manual		
Setting	Automatic tool recognition and pressure setting		
Tube clamping	Hydraulic		
Forming	Hydraulic		
Controls	Automatic sequence: after pressing START button:		
3011.30	clamp – form – withdraw – unclamp		
Environmental conditions	40 5000		
Working temperature			
Relative humidity	max. 90%, non-condensing		





	T T		
Туре	EO2-FORM F3	EO2-FORM PRO22	
Specifications			
Туре	Universal workshop machine	Powerful production machine	
Design	WorkCenter	WorkCenter	
Application	Alternative to welding	Efficient mass production	
Weight	approx. 330 kg	approx. 375 kg	
Dimensions (B x L x H)	800 (open: 1,300) x 660 x 1,150	800 (open: 1,300) x 1,130 x 1,200	
Electrical supply	400 V, 50 Hz, 3 phase 230 V, 50 Hz, 3 phase 440 V, 60 Hz, 3 phase	400 V, 50 Hz, 3 phase	
Electric motor drive rating	4 kW	4 kW	
Oil cooler	Optional	Standard	
Performance data			
Steel tube	6 x 1 38 x 7 / 42 x 4	6 x 1 20 x 2 / 22 x 2	
Stainless steel tube	6 x 1 38 x 5 / 42 x 3	6 x 1 20 x 2 / 22 x 2	
Minimum width U-bend	approx. 135 mm	approx. 100 mm	
Cycle time	15 – 20 sec.	ca. 6 sec.	
Economic production batch size	max. 100 formings/hour max. 200 formings/hour (with oil cooler)	max. 600 formings/hour	
Applications	Ideal for project and workshop tasks, small batches and on-site installations. Tubes of all sizes.	Economic mass production of small to medium tube dimensions.	



Technical data

	EO-KARRYFORM		
Machine			
Designated use	Cold forming of tube ends for tube connections		
Method	Axial swaging		
Suitable for	EO2-FORM form fittings to DIN EN ISO 8434-1		
	Hose connections to DIN 71550		
Tube specification			
Steel tubing	see Technical Handbook 4100, p. B15		
Stainless steel tubing	see Technical Handbook 4100, p. B15		
Other materials	CuNiFe, duplex and others on request		
Boiler tube	Tubes for turbine construction on request		
Tools	Interchangeable		
Clamping die sets	"MF3" single part clamping die sets, one type for each tube OD		
Forming pin	"BF3" forming pin with inner mandrel, one type each per tube OD, wall thickness		
3 1	and material		
Function			
Tool change	manual		
Setting	Pressure setting acc. to pressure table		
Tube clamping	Hydraulic		
Forming	Hydraulic		
ŭ	Automatic sequence by holding START button pressed:		
Controls	clamp - form - withdraw - unclamp		
Environmental conditions			
Working temperature	+10 +40°C		
Relative humidity	max. 90%, non-condensing		



Туре	EO-KARRYFORM	
Specifications		
Туре	Portable forming machine	
Design	Portable machine for repair and workshop tasks	
Application	Alternative to welding	
Weight	Hydraulic drive unit: 69 kg Forming cylinder: 67,5 kg Tool box: approx. 10 kg	
Dimensions (B x L x H)	EO-KARRYFORM Hydraulic drive unit: 500 x 600 x 1200 EO-KARRYFORM Forming Cylinder: 330 x 420 x 325 Tool Box: 335 x 550 x 310 Length of hydraulic hoses: 3150	
Electrical supply	230 V, 50 Hz, 1 phase	
Electric motor drive rating	1.1 kW	
Performance data		
Steel tube	ST37.4 6 x 1 38 x 5 / 42 x 4	
Stainless steel tube	1.4571 6 x 1 38 x 4 / 42 x 3	
Minimum width U-bend	approx. 115 mm	
Cycle time	15 - 20 sec.	
Economic production batch size	max. 100 formings/hour	
Applications	Ideal for repair, installation projects and workshop tasks for small batches. Tubes of all sizes.	

Ordering machines and accessories

WorkCenter F3 basic unit for forming tube ends, ready to operate with magnetic gripper, holder and operator's handbook, but without tools, packed in a special transport box Universal F3 WorkCenter Tube OD 6-58/4/2mm 400 V.50 Hz, 3 phase 202FORMF3340V 2014 V, 60 Hz, 3 phase 202FORMF3340V 2014 V, 60 Hz, 3 phase 202FORMF3340V 2014 V, 60 Hz, 3 phase 202FORMF3340V 202FORMF3A40V 202	Machine		
WorkCenter F3 basic unit for forming tube ends, ready to operate with magnetic gripper, holder and operator's handbook, but without tools, packed in a special transport box Universal F3 WorkCenter Tubes OD 6-38/42mm 40 V. 50 Hz. 3 phase 230 V. 50 Hz. 3 phase 230 V. 50 Hz. 3 phase 240 V. 50 Hz. 3 phase 250 F3 Hz. 3		Order code F3	Order code PRO22
ate with magnetic gripper, holder and operator's handbook, but without tools, packed in a special transport box Universal FS WorkCenter Tube OD 6-38/4/2mm 400 V, 50 Hz, 3 phase 230 V, 50 Hz, 3 phase 220 V, 50 Hz, 3 phase Rental (monthly usage) EczPORMF3/30V EczPORMF3/40V ECZPORMF3	1360	Order dode 10	01de1 00de 111022
without tools, packed in a special transport box Universal F3 WorkCenter Tube OD 6-38/4/2mm 400 V, 60 Hz, 3 phase 202 F0RMF3230V E02F0RMF3230V E02F0RMF324EFE E02F0RMF3CHSEFE E02F0RMF3CHSEFE E02F0RMF3CHSEFE E02F0RMF3CHSESX E0NIROMONTFILESSX E0NIROMONTAPPLICATOR LUBSS E0NIROMONTAPPLICATOR E0NIROM			
Universal F3 WorkCenter Tube OD 6-38/4/2mm 400 V, 50 Hz, 3 phase 230 V, 50 Hz, 3 phase 230 V, 50 Hz, 3 phase 802FORMF3400V 80 E02FORMF340V 804 V, 60 Hz, 3 phase 802FORMF340V 804 V, 60 Hz, 3 phase 802FORMF340V 802FORMF340V 802FORMF340V 802FORMF340V 802FORMF340V 802FORMF340V 802FORMF340V 802FORMF340V 802FORMF340V 802FORMPR0RENTFEE 802FORMPR0ENTFEE 802FORMPR0ENTFEE 802FORMPR0LEASEFEE 802FORMPR			
Tube OD 6-38/42mm 400 V, 50 Hz, 2 phase 230 V, 50 Hz, 3 phase 440 V, 60 Hz, 3 phase 802FORMF3440V 80 Hz, 3 phase 802FORMF3460V 8	without tools, packed in a special transport box		
Tube OD 6-38/42mm 400 V, 50 Hz, 2 phase 230 V, 50 Hz, 3 phase 440 V, 60 Hz, 3 phase 802FORMF340V 804 V, 50 Hz, 3 phase 802FORMF340V 804 V, 50 Hz, 3 phase 802FORMF340V 802FORM	Hairman I FO Ward Oantar		
400 V, 50 Hz, 3 phase 230 V, 50 Hz, 3 phase 440 V, 60 Hz, 3 phase EOZFORM/8320V EOZFOR			
230 V, 50 Hz, 2 phase 40 V, 60 Hz, 2 phase Rental (monthly usage) Leasing (24 leasing rate) EOZFORM/R34E0X EOZF		EO2EORME3400V	EO2EORM/00\/PRO
440 V, 60 Hz, 3 phase Rental (monthly usage) Leasing (24 leasing rate) Leasing (24 leasing rate) Lubrication for forming pin: EO-NIROMONT liquid (250 cm) EO-NIROMONT liquid (250 cm) EO-NIROMONT forming tool lubricant refill (1 L) Oil cooler kit Foot switch Magnetic gripper for forming pin Holder for forming die set F3/FOOTSWITCH F3/FOOT			EOZI OTIVI-OUVI TIO
Leasing (24 leasing rate) Librication for forming pin: EO-NIROMONT liquid (250 cm) EO-NIROMONT forming tool lubricant refill (1 L) Oil cooler kit F3/COOLERKIT included F3/FOOTSWITCH F3			
Lubrication for forming pin: EO-NIROMONT fluguid (250 cm) EO-NIROMONT fluguid (250 cm) EO-NIROMONT fluguid (250 cm) EO-NIROMONT fluguid (250 cm) EO-NIROMONT forming tool lubricant in a brush-in-cap can (250 cm) EO-NIROMONT forming tool lubricant refill (1 L) Ill Cooler kit Foot switch Magnetic gripper for forming pin Holder for forming gine set F3/DOTSWITCH F3/FOOTSWITCH F3/FO	Rental (monthly usage)	EO2FORMF3RENTFEE	EO2FORMPRORENTFEE
EO-NIROMONT liquid lubicant in a brush-in-cap can (250 cm) EO-NIROMONT liquid lubicant in a brush-in-cap can (250 cm) EO-NIROMONT liquid lubicant in a brush-in-cap can (250 cm) EO-NIROMONT liquid lubicant refill (1 L) Oil cooler kit F3/COOLERKIT Included F3/FOOTSWITCH F3/FOOTSWITCH F3/FOOTSWITCH F3/FOOTSWITCH F3/FOOTSWITCH F3/FOOTSWITCH F3/PINHOLDER F3/FRONTWHEEL F3/FRONTCOUNTER F3/FRONTCOUNTE	Leasing (24 leasing rate)	EO2FORMF3LEASEFEE	EO2FORMPROLEASEFEE
EO-NIROMONT liquid lubricant in a brush-in-cap can (250 cm) EO-NIROMONT forming tool lubricant refill (1 L) Oil cooler kit Foot switch Ragnetic gripper for forming pin Holder for forming gie set F3/FOOTSWITCH Holder for forming gie set F3/PINHOLDER F3/PINHOLDER F3/PINHOLDER F3/PINHOLDER F3/PINHOLDER F3/PINHOLDER F3/PINHOLDER F3/DIECLAMP F3/DIECLAMP F3/DIECLAMP F3/DIECLAMP F3/DIECLAMP F3/DIECLAMPSPRING8 F3/DIECLAMPSPRING8 F3/DIECLAMPSPRING8 F3/DIECLAMPSPRING8 F3/DIECLAMPSPRING8 F3/DIECLAMPSPRING8 F3/DIECLAMPSPRING12 F3/TIECLAMPSPRING12 F3/TIECLAMPSPRING12 F3/TIECLAMPSPRING12 F3/TIECLAMPSPRING12 F3/DIECLAMPSPRING12 F3/DIECLAMPSRING12 F3/DIECLAMPSRRING12 F3/DIECLAMPSRRING12 F3/DIECLAMPSRRING12 F3/DIECLAMPSRRING12 F3/DIECLAMPSRRING12 F3/DIECLAMPSRRING12 F3/DIECLAMPSRRING12 F3/DIECLAMPSRRING12 F3/DIECLAMPSRRING12 F3/DI	Lubrication for forming pin:		
EO-NIROMONT forming tool lubricant refill (1 L) ILUBSS ILUBSS Oil cooler kit F3/FOOLSWITCH F3/FOOTSWITCH F3/FOOTSWITCH Magnetic gripper for forming pin F3/PINHOLDER F3/FINHOLDER F3/FIN		EONIROMONTFLUESSX	EONIROMONTFLUESSX
Oil cooler kit Foll switch Foll switch Foll switch Follost switch Follost switch Follost switch Follost switch Follost switch Magnetic gripper for forming pin Follost			
Foot switch Magnetic gripper for forming pin Holder for forming die set F3/PINHOLDER F3/FONKGUIDE F3/FONTWHEEL F3/FONTWHEE	EO-NIROMONT forming tool lubricant refill (1 L)	LUBSS	LUBSS
Magnetic gripper for forming pin Holder for forming die set F3/DIEHOLDER F3/FRONTWHEEL F3/FRONTCOUNTER F3/	Oil cooler kit	F3/COOLERKIT	included
Holder for forming die set Clamping segments for die set Clamping segment spring, 0 8 mm F3/DIECLAMPSPRING8 F3/DIECLAMPSPRING8 F3/DIECLAMPSPRING8 F3/DIECLAMPSPRING8 F3/DIECLAMPSPRING8 F3/DIECLAMPSPRING8 F3/DIECLAMPSPRING8 F3/DIECLAMPSPRING8 F3/DIECLAMPSPRING8 F3/DIECLAMPSPRING12 F3/DORMFING12 F3/DORMFING12 F3/DORMFING12 F3/DORMFING12 F3/DORMFING12 F3/DORMFING12 F3/DORMFING12 F3/DIECLAMPSPRING12 F3/DIECLAMPSPRING12 F3/DIECLAMPSPRING12 F3/DORMFING12 F3/DORMFING12 F3/DORMFING12 F3/DORMFING12 F3/DORMFING12 F3/DORMFING12 F3/DIECLAMPSPRING12 F3/D		F3/FOOTSWITCH	
Clamping segments for die set Clamping segment spring, Ø 8 mm F3/DIECLAMP F3/DIECLAMPSPRING8 F3/DIECLAMPSPRING8 F3/DIECLAMPSPRING12 F3/DOCAMPSPRING12 F3/DIECLAMPSPRING12 F3/DIECLAMPSPRING12 F3/DIECLAMPSPRING12 F3/DIECLAMPSPRING12 F3/DIECLAMPSPRING12 F3/DIECLAMPSPRING12 F3/DIECLAMPSPRING12 F3/DIECLAMPSPRING12 F3/DOCAMPSPR			
Clamping segment spring, Ø 8 mm Clamping segment spring, Ø 12 mm F3/DIECLAMPSPRING12 F3/DIECLAMPSPRING12 F3/DIECLAMPSPRING12 F3/DIECLAMPSPRING12 F3/DIECLAMPSPRING12 F3/DIECLAMPSPRING12 F3/DIECLAMPSPRING12 F3/DECLAMPSPRING12 F3/PECLAMPSPRING12 F3/PECLAMPSPRING12 F3/PECLAMPSPRING12 F3/DECLAMPSPRING12 F3/FORTATION F3/DECLAMPSPRING12 F3/DECLAMPSPRING12 F	ŭ		
Clamping segment spring, Ø 12 mm Operation manual: UK, De, FR, IT, SWE A033 Standard preventive maintenance EO2FORMF3/INSPECTION Machine housing Top machine cover Top tray F3/TOPTRAY F3/TOPTRAY F3/TOPTRAY F3/TOPTRAY F3/TOPTRAY F3/TOORLOCK F3/DOORLOCK F3/DOORLOCK F3/DOORSPRING F3/DOORSPRING F3/DOORSPRING F3/TOOLTRAYIN F3/TOOLTRAYDOOR F3/TOOLTRAYDOOR F3/TOOLTRAYPIN F3/FORKGUIDE F3/FOR			
Operation manual: UK, DE, FR, IT, SWE Standard preventive maintenance SC2FORMPRO/MANUAL Standard preventive maintenance BC2FORMF3/INSPECTION Machine housing Top machine cover F3/HEADCOVER F3/POORS836014 F3/TOPTRAY F3/TOPTRAY F3/TOPTRAY F3/TOPTRAY F3/TOPTRAY F3/TOPTRAY F3/DORSPRING F3/DOORSPRING F3/DOORSPRING F3/DOORSPRING F3/DOORSPRING F3/DOORSPRING F3/DOORSPRING F3/TOOLTRAYIN F3/FONTWHEEL F3			
Standard preventive maintenance Source Sour			
Machine housing F3/HEADCOVER F3PRO/08836014 Top tray F3/TOPTRAY F3/TOPT	1		
Top machine cover F3/HEADCOVER F3/TOPTRAY F		EO2FORMF3/INSPECTION	EO2FORMF3/INSPECTION
Top tray Door lock for tool compartment F3/DOORLOCK F3/DOORLOCK F3/DOORLOCK DOOR hinge F3/DOORHINGE F3/TOOLTRAYIN F3/TOOLTRAYOOR F3/TOOLTRAYOOR F3/TOOLTRAYOOR F3/TOOLTRAYOOR F3/TOOLTRAYOOR F3/TOOLTRAYOOR F3/TOOLTRAYOOR F3/TOOLTRAYOOR F3/DOOLTRAYOOR F3/DOO	-		
Door lock for tool compartment Door lock for tool compartment F3/DOORLOCK F3/DOORHINGE F3/DOORHINGE F3/DOORHINGE F3/DOORHINGE F3/DOORSPRING F3/DOORSPRING F3/DOORSPRING F3/DOORSPRING F3/TOOLTRAYIN F3/TOOLTRAYIN F3/TOOLTRAYIN F3/TOOLTRAYIN F3/TOOLTRAYIN F3/TOOLTRAYIN F3/TOOLTRAYIN F3/TOOLTRAYIN F3/TOOLTRAYDOOR F3/TOOLTRAYDOOR F3/TOOLTRAYDOOR F3/TOOLTRAYPIN F3/FORKGUIDE F3/STICKERPARKER F3/STICKERPARKER F3/STICKERINSTRUC F3/STICKERINSTRUC F3/STICKERINSTRUC F3/STICKERCRANE			
Door hinge Shock absorber for doors Shock absorber for doors F3/DOORSPRING F3/DOORSPRI	• •		
Shock absorber for doors F3/DOORSPRING F3/TOOLTRAYIN F3/TOOLTRAYDOOR F3/TOOLTRAYDOOR F3/TOOLTRAYDOOR F3/TOOLTRAYDOOR F3/TOOLTRAYDOOR F3/TOOLTRAYDOOR F3/TOOLTRAYDOOR F3/TOOLTRAYPIN F3/TOOLTRAYPIN F3/FOOLTRAYPIN			
Tool tray for inner tool compartment (top), 6x F3/TOOLTRAYIN F3/TOOLTRAYIN F3/OOLTRAYIN F3/OOLTRAYIN F3/OOLTRAYIN F3/OOLTRAYIN F3/OOLTRAYIN F3/OOLTRAYIN F3/OOLTRAYOOR Die insert for tool compartment in doors, 2x F3/TOOLTRAYDOOR F3/TOOLTRAYDOOR Die insert for tool tray (use screw M6) F3/TOOLTRAYPIN F3/FOOLTRAYPIN F3/FOOLTRAYPIN F3/FINHOLDERTRAY F3/PINHOLDERTRAY F3/PINHOLDERTRAY F3/PINHOLDERTRAY F3/PINHOLDERTRAY F3/PINHOLDERTRAY F3/FINHOLDERTRAY F3/FINHOLDERTRAY F3/FOOLTRAYPIN F3/FOOLTRAYPIN F3/FOOLTRAYPIN F3/FOOLTRAYPIN F3/FOOLTRAYPIN F3/FOOLTRAYPIN F3/FINHOLDERTRAY F3/PINHOLDERTRAY F3/PINHOLDERTRAY F3/PINHOLDERTRAY F3/PINHOLDERTRAY F3/PINHOLDERTRAY F3/PINHOLDERTRAY F3/PINHOLDERTRAY F3/PINHOLDERTRAY F3/PINHOLDERTRAY F3/FOOLTRAYPIN F3/FOOLTRAYPIN F3/FOOLTRAYPIN F3/FOOLTRAYPIN F3/FOOLTRAYPIN F3/FOOLTRAYPIN F3/FOOLTRAYPIN F3/FOOLTRAYPIN F3/FINHOLDERTRAY F3/PINHOLDERTRAY F3/FINHOLDERTRAY F3/FOOLTRAYPIN F3/FOOL	ů		
Tool tray for inner tool compartment (bottom), 6x Die insert for tool compartment in doors, 2x Die insert for tool tray (use screw M6) Die Ja/PinholDertray Die Ja/DolDertray			
Die insert for tool compartment in doors, 2x Die insert for tool tray (use screw M6) Die insert for tool tray (use screw M6) F3/TOOLTRAYPIN F3/FOOLTRAYPIN F3/TOOLTRAYPIN F3/TOOLTRAYPIN	, , , , ,		
Die insert for tool tray (use screw M6) Holder for magnetic gripper F3/FINHOLDERTRAY F5/PINHOLDERTRAY F5/PINHOLT F5/PIN			
Holder for magnetic gripper Holder for holder F3/PINHOLDERTRAY F3/DIEHOLDERTRAY F3/FRONTWHELL F3/FRONTWHEEL F3/BACKWHEEL F3/BACKWHEEL F3/BACKWHEEL F3/BACKWHEEL F3/BACKWHEEL F3/STICKERPARKER F3/STICKERPARKER F3/STICKERPARKER F3/STICKERINSTRUC F3/STICKERLUB C7/STICKERCRANE F3/STICKERCRANE F	•		
Holder for holder F3/DIEHOLDERTRAY F3/DIEHOLDERTRAY Plastic guide for forklift (use screw M6) F3/FORKGUIDE Front wheel with lock F3/FRONTWHEEL F3/FRONTWHEEL F3/FRONTWHEEL F3/BACKWHEEL F3/BACKWHEEL Sticker Door label F3/STICKERPARKER Short instruction on side F3/STICKERINSTRUC Lubrication on front F3/STICKERLUB F3/STICKERLUB F3/STICKERCRANE F3/STICKERLUB F3/STICKERLU	, , , , , , , , , , , , , , , , , , ,		
Plastic guide for forklift (use screw M6) F3/FORKGUIDE Front wheel with lock F3/FRONTWHEEL F3/FRONTWHEEL F3/FRONTWHEEL F3/FRONTWHEEL F3/BACKWHEEL F3/BACKWHEEL Sticker Door label F3/STICKERPARKER F3/STICKERPARKER F3/STICKERINSTRUC Lubrication on side F3/STICKERINSTRUC F3/STICKERINSTRUC F3/STICKERLUB F3/STICKERLUB F3/STICKERCRANE F3/STICKERFORK Operation panel Front panel counter "START" switch (black with symbol) F3/STARTSWITCH "RESET" switch (blue) F3/RESETSWITCH "6)N' switch (green) F3/ONSWITCH F3/ONSWITCH F3/ONSWITCH F3/OFFSWITCH F3/OFFSWITCH F3/STOPSWITCH T00l components Bayonet bolt for forming pin F2/PINBOLT Screw for clamping die segments F3/DIESCREW Spare part kit for clamping die set	0 011		
Front wheel with lock Rear wheel Rear wheel F3/FRONTWHEEL F3/BACKWHEEL F3/STICKERPARKER F3/STICKERPARKER F3/STICKERINSTRUC Lubrication on front F3/STICKERINSTRUC F3/STICKERCRANE F3/STICKERCRANE F3/STICKERCRANE F3/STICKERCRANE F3/STICKERCRANE F3/STICKERFORK Operation panel Front panel counter "START" switch (black with symbol) F3/FRONTCOUNTER "START" switch (blue) "SJARTSWITCH "F3/RESETSWITCH "SJARESETSWITCH "ON" switch (green) F3/ONSWITCH "F3/ONSWITCH F3/OFFSWITCH F3/OFFSWITCH F3/STOPSWITCH F3/DIESCREW Spare part kit for clamping die set			
Rear wheel F3/BACKWHEEL F3/BACKWHEEL Sticker Door label F3/STICKERPARKER F3/STICKERPARKER Short instruction on side F3/STICKERINSTRUC F3/STICKERINSTRUC Lubrication on front F3/STICKERLUB F3/STICKERLUB Crane attachment (1 piece) F3/STICKERCRANE F3/STICKERCRANE Forklift on front F3/STICKERFORK F3/STICKERFORK Operation panel Front panel counter F3/FRONTCOUNTER F3/FRONTCOUNTER "START" switch (black with symbol) F3/STARTSWITCH F3/STARTSWITCH "RESET" switch (blue) F3/RESETSWITCH F3/ONSWITCH "ON" switch (green) F3/ONSWITCH F3/ONSWITCH "OFF" switch (red) F3/OFFSWITCH F3/STOPSWITCH Emergency stop switch (red) F3/STOPSWITCH F3/STOPSWITCH Tool components Bayonet bolt for forming pin F2/PINBOLT F2/PINBOLT Screw for clamping die segments F3/DIESCREW Spare part kit for clamping die set			
Sticker Door label F3/STICKERPARKER F3/STICKERPARKER Short instruction on side F3/STICKERINSTRUC F3/STICKERINSTRUC Lubrication on front F3/STICKERLUB F3/STICKERLUB Crane attachment (1 piece) F3/STICKERCRANE F3/STICKERCRANE Forklift on front F3/STICKERCRANE F3/STICKERCRANE Forklift on front F3/STICKERFORK F3/STICKERFORK Operation panel Front panel counter F3/FRONTCOUNTER F3/FRONTCOUNTER "START" switch (black with symbol) F3/STARTSWITCH F3/STARTSWITCH "RESET" switch (blue) F3/RESETSWITCH F3/RESETSWITCH "ON" switch (green) F3/ONSWITCH F3/ONSWITCH "OFF" switch (red) F3/OFFSWITCH F3/OFFSWITCH Tool components Bayonet bolt for forming pin F2/PINBOLT F2/PINBOLT Screw for clamping die segments F3/DIESCREW Spare part kit for clamping die set			
Door label Short instruction on side Lubrication on front Crane attachment (1 piece) F3/STICKERLUB F3/STICKERCRANE F3/STICKERFORK Operation panel Front panel counter F3/FRONTCOUNTER F3/FRONTCOUNTER F3/STARTSWITCH F3/STARTSWITCH F3/STARTSWITCH F3/RESETSWITCH F3/RESETSWITCH F3/ONSWITCH F3/ONSWITCH F3/OFFSWITCH F3/OFFSWITCH F3/OFFSWITCH F3/STOPSWITCH		1 3/BAORWITEEL	1 3/BAORWITEEL
Short instruction on side Lubrication on front Crane attachment (1 piece) F3/STICKERLUB F3/STICKERCRANE F3/STICKERCRANE F3/STICKERCRANE F3/STICKERCRANE F3/STICKERCRANE F3/STICKERCRANE F3/STICKERCRANE F3/STICKERCRANE F3/STICKERFORK Operation panel Front panel counter "START" switch (black with symbol) "RESET" switch (blue) "S3/STARTSWITCH "F3/RESETSWITCH "F3/RESETSWITCH "F3/ONSWITCH "F3/ONSWITCH "F3/OFFSWITCH F3/OFFSWITCH F3/OFFSWITCH F3/STOPSWITCH F3/STOPS		E3/STICKERPARKER	F3/STICKERPARKER
Lubrication on front Crane attachment (1 piece) F3/STICKERLUB F3/STICKERCRANE F3/STICKERCRANE F3/STICKERCRANE F3/STICKERCRANE F3/STICKERCRANE F3/STICKERFORK Operation panel Front panel counter "START" switch (black with symbol) "RESET" switch (blue) "F3/STARTSWITCH "F3/RESETSWITCH "F3/RESETSWITCH "ON" switch (green) "OFF" switch (red) Emergency stop switch (red) F3/STOPSWITCH			
Crane attachment (1 piece) F3/STICKERCRANE F3/STICKERCRANE F3/STICKERCRANE F3/STICKERFORK Coperation panel Front panel counter F3/FRONTCOUNTER F3/FRONTCOUNTER F3/STARTSWITCH F3/STARTSWITCH F3/STARTSWITCH F3/RESETSWITCH F3/RESETSWITCH F3/ONSWITCH F3/ONSWITCH F3/ONSWITCH F3/OFFSWITCH F3/OFFSWITCH F3/OFFSWITCH F3/STOPSWITCH			
Forklift on front Operation panel Front panel counter "START" switch (black with symbol) "RESET" switch (blue) "ON" switch (green) "OFF" switch (red) Emergency stop switch (red) Tool components Bayonet bolt for forming pin Screw for clamping die segments Spare part kit for clamping die set F3/FRONTCOUNTER F3/FRONTCOUNTER F3/FRONTCOUNTER F3/FRONTCOUNTER F3/FRONTCOUNTER F3/FRONTCOUNTER F3/FRONTCOUNTER F3/STARTSWITCH F3/STARTSWITCH F3/RESETSWITCH F3/RESETSWITCH F3/ONSWITCH F3/OFFSWITCH F3/OFFSWITCH F3/OFFSWITCH F3/STOPSWITCH F3/STOPSWITCH F3/STOPSWITCH F3/DIESCREW F3/DIESCREW F3/DIEKIT F3/DIEKIT F3/DIEKIT		,	
Operation panel Front panel counter F3/FRONTCOUNTER F3/FRONTCOUNTER "START" switch (black with symbol) F3/STARTSWITCH F3/STARTSWITCH "RESET" switch (blue) F3/RESETSWITCH F3/RESETSWITCH "ON" switch (green) F3/ONSWITCH F3/ONSWITCH "OFF" switch (red) F3/OFFSWITCH F3/OFFSWITCH Emergency stop switch (red) F3/STOPSWITCH F3/STOPSWITCH Tool components Bayonet bolt for forming pin F2/PINBOLT F2/PINBOLT Screw for clamping die segments F3/DIESCREW F3/DIESCREW Spare part kit for clamping die set F3/DIEKIT F3/DIEKIT	,		
Front panel counter F3/FRONTCOUNTER F3/FRONTCOUNTER F3/FRONTCOUNTER F3/STARTSWITCH F3/STARTSWITCH F3/STARTSWITCH F3/RESETSWITCH F3/RESETSWITCH F3/RESETSWITCH F3/ONSWITCH F3/ONSWITCH F3/OFFSWITCH F3/OFFSWITCH F3/OFFSWITCH F3/OFFSWITCH F3/STOPSWITCH F3/ST			
"START" switch (black with symbol) "RESET" switch (blue) "ON" switch (green) "OFF" switch (red) Emergency stop switch (red) Tool components Bayonet bolt for forming pin Screw for clamping die segments Spare part kit for clamping die set F3/STARTSWITCH F3/STARTSWITCH F3/RESETSWITCH F3/ONSWITCH F3/ONSWITCH F3/OFFSWITCH F3/OFFSWITCH F3/STOPSWITCH F3/STOPSWITCH F2/PINBOLT F2/PINBOLT F3/DIESCREW F3/DIESCREW		F3/FRONTCOUNTER	F3/FRONTCOUNTER
"RESET" switch (blue) F3/RESETSWITCH F3/ONSWITCH F3/ONSWITCH F3/ONSWITCH F3/OFFSWITCH F3/OFFSWITCH F3/OFFSWITCH F3/OFFSWITCH F3/STOPSWITCH F3/STOPSWITCH F3/STOPSWITCH F3/STOPSWITCH F3/STOPSWITCH F3/STOPSWITCH F3/STOPSWITCH F3/STOPSWITCH F3/OFFSWITCH F3/STOPSWITCH F3/OFFSWITCH		F3/STARTSWITCH	F3/STARTSWITCH
"ON" switch (green) "OF" switch (red) Emergency stop switch (red) Tool components Bayonet bolt for forming pin Screw for clamping die segments Spare part kit for clamping die set F3/ONSWITCH F3/ONSWITCH F3/OFSWITCH F3/STOPSWITCH F3/DIESCREW F3/DIESCREW		F3/RESETSWITCH	
"OFF" switch (red) F3/OFFSWITCH F3/OFFSWITCH Emergency stop switch (red) F3/STOPSWITCH F3/STOPSWITCH Tool components Bayonet bolt for forming pin F2/PINBOLT F2/PINBOLT Screw for clamping die segments F3/DIESCREW F3/DIESCREW Spare part kit for clamping die set F3/DIEKIT F3/DIEKIT	"ON" switch (green)	F3/ONSWITCH	F3/ONSWITCH
Emergency stop switch (red) Tool components Bayonet bolt for forming pin Screw for clamping die segments Spare part kit for clamping die set F3/STOPSWITCH F3/STOPSWITCH F2/PINBOLT F2/PINBOLT F3/DIESCREW F3/DIESCREW F3/DIEKIT F3/DIEKIT		F3/OFFSWITCH	F3/OFFSWITCH
Tool components Bayonet bolt for forming pin F2/PINBOLT F2/PINBOLT Screw for clamping die segments F3/DIESCREW F3/DIESCREW Spare part kit for clamping die set F3/DIEKIT F3/DIEKIT	· ,	F3/STOPSWITCH	F3/STOPSWITCH
Screw for clamping die segments F3/DIESCREW F3/DIESCREW F3/DIEKIT F3/DIEKIT F3/DIEKIT	Tool components		
Spare part kit for clamping die set	Bayonet bolt for forming pin	F2/PINBOLT	F2/PINBOLT
	Screw for clamping die segments	F3/DIESCREW	F3/DIESCREW
(4x Pin Ø4, 4x Spring Ø8, 4x Spring Ø12, 4x Screws)		E3/DIEKIT	E3/DIEKIT
· · · · · · · · · · · · · · · · · · ·	(4x Pin Ø4, 4x Spring Ø8, 4x Spring Ø12, 4x Screws)	I O/DILINI	I O/DILITI



Ordering machines and accessories

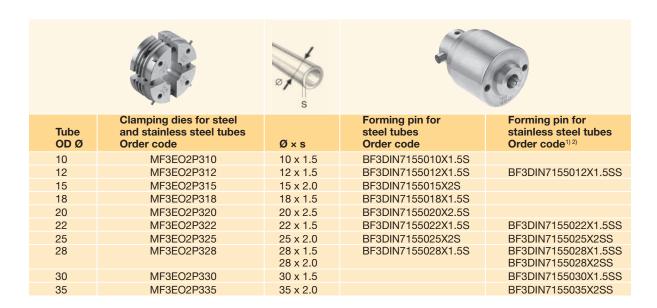
Machine	
Туре	Order code EO-KARRYFORM
WorkCenter basic unit for forming tube ends, ready to operate with magnetic gripper, holder and operator's handbook, but without tools, packed in a special transport box	
Mobile transportable device Tube OD 6-38/42mm 230 V, 50 Hz, 1 phase Rental (monthly usage) Leasing (24 leasing rate)	EOKARRYFORM230V EOKARRYFORMRENTFEE EOKARRYFORMLEASEFEE
Lubrication for forming pin: EO-NIROMONT liquid (250 ccm) EO-NIROMONT liquid lubricant in a brush-in-cap can (250 ccm) EO-NIROMONT forming tool lubricant refill (1 L)	EONIROMONTFLUESSX EONIROMONTAPPLICATOR LUBSS
Foot switch	F3/FOOTSWITCH
Magnetic gripper for forming pin	F3/PINHOLDER
Holder for forming die set	F3/DIEHOLDER
Clamping segments for die set	F3/DIECLAMP
Clamping segment spring, Ø 8 mm	F3/DIECLAMPSPRING8
Clamping segment spring, Ø 12 mm	F3/DIECLAMPSPRING12
Operation manual: UK, DE, FR, IT, SWE	4034
Standard preventive maintenance	EOKARRYFORM/INSPECTION
Tool components	
Bayonet bolt for forming pin	F2/PINBOLT
Screw for clamping die segments	F3/DIESCREW
Spare part kit for clamping die set (4x Pin Ø4, 4x Spring Ø8, 4x Spring Ø12, 4x Screws)	F3/DIEKIT

Tools for E02-FORM F3, PR022 and **EO-KARRYFORM**

			s s		
Tube OD Ø	Clamping dies for steel tubes Order code	Clamping dies for stainless steel tubes Order code	Ø×s	Forming pin for steel tubes Order code	Forming pin for stainless steel tubes Order code ^{1) 2)}
06-L/S	MF3EO2P306	MF3EO2P306	06 × 1.0 06 × 1.5 06 × 2.0	BF3EO206X1S BF3EO206X1.5S BF3EO206X2S	BF3EO206X1SS BF3EO206X1.5SS
08-L/S	MF3EO2P308	MF3EO2P308	08 × 1.0 08 × 1.5 08 × 2.0 08 × 2.5	BF3EO208X1S BF3EO208X1.5S BF3EO208X2S BF3EO208X2.5S	BF3EO208X1SS BF3EO208X1.5SS
10-L	MF3EO2P310	MF3EO2P310	10 × 1.0 10 × 1.5 10 × 2.0	BF3EO210LX1S BF3EO210LX1.5S BF3EO210LX2S	BF3EO210LX1SS BF3EO210LX1.5SS BF3EO210LX2SS
10-S	MF3EO2P310	MF3EO2P310	10×1.5 10×2.0 10×3.0	BF3EO210SX1.5S BF3EO210SX2S BF3EO210SX3S	BF3EO210SX1.5SS BF3EO210SX2SS
12-L	MF3EO2P312	MF3EO2P312	12 × 1.5 12 × 2.0	BF3EO212LX1.5S BF3EO212LX2S	BF3EO212LX1.5SS BF3EO212LX2SS
12-S	MF3EO2P312	MF3EO2P312	12×1.5 12×2.0 12×3.0	BF3EO212SX1.5S BF3EO212SX2S BF3EO212SX3S	BF3EO212SX1.5SS BF3EO212SX2SS
15-L	MF3EO2P315	MF3EO2P315	15 × 1.0 15 × 1.5 15 × 2.0	BF3EO215X1S BF3EO215X1.5S BF3EO215X2S	BF3EO215X1.5SS BF3EO215X2SS
16-S	MF3EO2P316	MF3EO2P316SS	16×2.0 16×2.5 16×3.0	BF3EO216X2S BF3EO216X2.5S BF3EO216X3S	BF3EO216X2SS BF3EO216X2.5SS BF3EO216X3SS
18-L	MF3EO2P318	MF3EO2P318SS	18 × 1.5 18 × 2.0	BF3EO218X1.5S BF3EO218X2S	BF3EO218X1.5SS BF3EO218X2SS
20-S	MF3EO2P320	MF3EO2P320SS	20×2.0 20×2.5 20×3.0 20×3.5	BF3EO220X2S BF3EO220X2.5S BF3EO220X3S BF3EO220X3.5S	BF3EO220X2SS BF3EO220X2.5SS BF3EO220X3SS
22-L	MF3EO2P322	MF3EO2P322SS	22 × 1.5 22 × 2.0	BF3EO222X1.5S BF3EO222X2S	BF3EO222X1.5SS BF3EO222X2SS
25-S	MF3EO2P325	MF3EO2P325SS	25×2.0 25×2.5 25×3.0	BF3EO225X2S BF3EO225X2.5S BF3EO225X3S BF3EO225X4S	BF3EO225X2SS BF3EO225X2.5SS BF3EO225X3SS
28-L	MF3EO2P328	MF3EO2P328SS	28 x 2.0 28 x 2.5 28 x 3.0	BF3EO228X2S BF3EO228X2.5S BF3EO228X3S	BF3EO228X2SS BF3EO228X2.5SS
30-S	MF3EO2P330	MF3EO2P330SS	30 x 2.5 30 x 3.0 30 x 4.0 30 x 5.0	BF3EO230X3S BF3EO230X4S BF3EO230X5S	BF3EO230X3SS BF3EO230X4SS
35-L	MF3EO2P335	MF3EO2P335SS	35×2.0 35×2.5 35×3.0	BF3EO235X2S BF3EO235X3S	BF3EO235X2SS BF3P335X2.5SS BF3EO235X3SS
38-S	MF3EO2P338	MF3EO2P338SS	38 × 3.0 38 × 4.0 38 × 5.0 38 × 6/7	BF3EO238X3S BF3EO238X4S BF3EO238X5S BF3EO238X6+7S	BF3EO238X3SS BF3EO238X4SS BF3EO238X5SS
42-L	MF3EO2P342	MF3EO2P342SS	42 × 2.0	BF3EO242X2S BF3EO242X3S	BF3EO242X2SS BF3EO242X3SS



Tools for hose connection DIN 71550



Please select clamping dies and forming pin according to tube dimensions and material.

- 1) All forming pins for stainless steel tubing are marked with a blue dot on front surface.
- 2) Stainless steel tools are TiN coated.

Clamping die sets which are used only for forming stainless steel tubes should be marked with the blue dot sticker to avoid being used for steel tubes.

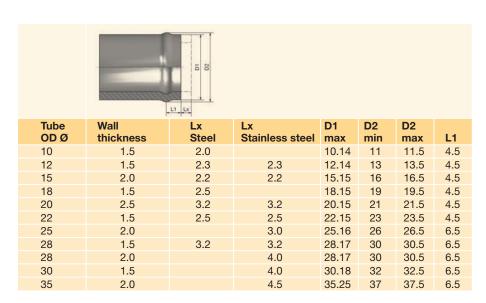
Tool lifetime

Assembly tools are subject to wear and must be cleaned and checked regularly (after max. 50 assembly operations). Worn tools can cause dangerous mis-assemblies and must be replaced in good time.

Long service life will be achieved by the following::

- Regular cleaning and lubricating
- Store protected from dirt and corrosion
- Careful deburring and cleaning of tube ends
- · Correct tool allocation and operation
- Using recommended lubricant

Hose connection diameters



Parker Worldwide

Europe, Middle East, Africa

AE – United Arab Emirates,

Dubai

Tel: +971 4 8127100 parker.me@parker.com

AT - Austria, St. Florian Tel: +43 (0)7224 66201 parker.austria@parker.com

AZ - Azerbaijan, Baku Tel: +994 50 2233 458 parker.azerbaijan@parker.com

BE/NL/LU - Benelux, Hendrik Ido Ambacht Tel: +31 (0)541 585 000 parker.nl@parker.com

BG - Bulgaria, Sofia Tel: +359 2 980 1344 parker.bulgaria@parker.com

BY - Belarus, Minsk Tel: +48 (0)22 573 24 00 parker.poland@parker.com

CH - Switzerland, Etoy Tel: +41 (0)21 821 87 00 parker.switzerland@parker.com

CZ - Czech Republic, Klecany Tel: +420 284 083 111 parker.czechrepublic@parker.com

DE – Germany, Kaarst Tel: +49 (0)2131 4016 0 parker.germany@parker.com

DK - Denmark, Ballerup Tel: +45 43 56 04 00 parker.denmark@parker.com

ES - Spain, Madrid Tel: +34 902 330 001 parker.spain@parker.com

FI - Finland, Vantaa Tel: +358 (0)20 753 2500 parker.finland@parker.com

FR - France, Contamine s/Arve Tel: +33 (0)4 50 25 80 25 parker.france@parker.com

GR - Greece, Piraeus Tel: +30 210 933 6450 parker.greece@parker.com

HU - Hungary, Budaörs Tel: +36 23 885 470 parker.hungary@parker.com IE - Ireland, Dublin Tel: +353 (0)1 466 6370 parker.ireland@parker.com

IL - Israel

Tel: +39 02 45 19 21 parker.israel@parker.com

IT – Italy, Corsico (MI) Tel: +39 02 45 19 21 parker.italy@parker.com

KZ - Kazakhstan, Almaty Tel: +7 7273 561 000 parker.easteurope@parker.com

NO - Norway, Asker Tel: +47 66 75 34 00 parker.norway@parker.com

PL - Poland, Warsaw Tel: +48 (0)22 573 24 00 parker.poland@parker.com

PT - Portugal

Tel: +351 22 999 7360 parker.portugal@parker.com

RO – Romania, Bucharest Tel: +40 21 252 1382 parker.romania@parker.com

RU - Russia, Moscow Tel: +7 495 645-2156 parker.russia@parker.com

SE - Sweden, Spånga Tel: +46 (0)8 59 79 50 00 parker.sweden@parker.com

SK - Slovakia, Banská Bystrica Tel: +421 484 162 252 parker.slovakia@parker.com

SL – Slovenia, Novo Mesto Tel: +386 7 337 6650 parker.slovenia@parker.com

TR - Turkey, Istanbul Tel: +90 216 4997081 parker.turkey@parker.com

UA – Ukraine, Kiev Tel: +48 (0)22 573 24 00 parker.poland@parker.com

UK - United Kingdom, Warwick Tel: +44 (0)1926 317 878 parker.uk@parker.com

ZA – South Africa, Kempton Park Tel: +27 (0)11 961 0700 parker.southafrica@parker.com

North America

CA – Canada, Milton, Ontario

Tel: +1 905 693 3000

US – USA, Cleveland Tel: +1 216 896 3000

Asia Pacific

AU – Australia, Castle Hill Tel: +61 (0)2-9634 7777

CN - China, Shanghai Tel: +86 21 2899 5000

HK – Hong Kong Tel: +852 2428 8008

IN - India, Mumbai Tel: +91 22 6513 7081-85

JP – Japan, Tokyo Tel: +81 (0)3 6408 3901

KR – South Korea, Seoul Tel: +82 2 559 0400

MY - Malaysia, Shah Alam Tel: +60 3 7849 0800

NZ - New Zealand, Mt Wellington

Tel: +64 9 574 1744

SG - Singapore Tel: +65 6887 6300

TH - Thailand, Bangkok Tel: +662 186 7000

TW - Taiwan, Taipei Tel: +886 2 2298 8987

South America

AR - Argentina, Buenos Aires

Tel: +54 3327 44 4129

BR - Brazil, Sao Jose dos Campos Tel: +55 800 727 5374

CL - Chile, Santiago Tel: +56 2 623 1216 MX - Mexico, Toluca

Tel: +52 72 2275 4200

© 2020 Parker Hannifin Corporation. All rights reserved.

BUL/4032-4/UK 11/2020 (11/2020-Zalsman)



EMEA Product Information Centre Free phone: 00 800 27 27 5374

(from AT, BE, CH, CZ, DE, DK, EE, ES, FI, FR, IE, IL, IS, IT, LU, MT, NL, NO, PL, PT, RU, SE, SK, UK, ZA)

US Product Information Centre Toll-free number: 1-800-27 27 537

www.parker.com

Your local authorized Parker distributor