



All about K-Lock, ST-247 and hydroblade®

ST-247 coupling system at a glance

The new high-pressure hose and lance coupling system ST-247 can be added to existing high-pressure cleaning systems and provides for quick and reliable changing of accessories without any annoying screwing and jamming. Thanks to its intuitive operation and very sturdy design, it offers all advantages of a quick coupling system. Being made of a high-

quality combination of brass and stainless steel, it is perfectly suitable for use in professional or industrial environments such as agriculture and cleaning of large surfaces ranging from transporters to public places and outside surfaces. Thanks to the plastic coating of the handwheels, the coupling system is ideally suited for hot-water applications.

HP-gun with integrated ST-247 couplings: for high flow rates and with LTF technology for the professional user

Professional gun with patented LTF technology.
Coupling ST-247 stainless steel. Max. 310 bar / 45 l/min / 150 °C

R+M Nr. 202 600 747 **new**

LTF - Low Trigger Force
90 % reduced holding force and
40 % reduced trigger force against usual market guns.



| Inlet | Outlet | connects to | connects to |
|--------|--------|---------------|---------------|
| ST-247 | ST-247 | ST-247 lances | ST-247 lances |



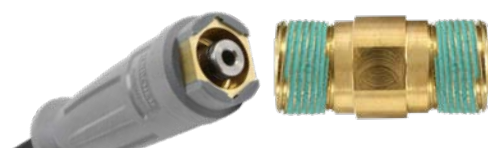
The clever alternative to K-Lock hand screw coupling

Quick changing: The quick coupling ST-247 is available with or without plastic caps for the inlet and outlet of the gun to ensure heat protection.

If being removed often, the thread locking fluid applied to the quick coupling ST-247 by the manufacturer is to be replaced by the thread locking fluid depicted on page 124 of the catalogue.



R+M Nr. 100 000 235 **new**



Hose connector.
TR22 M. Brass.
Max. 400 bar

R+M Nr. 569 22 **new**

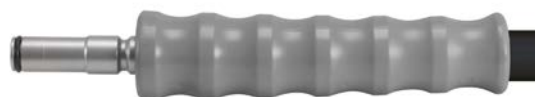


| Inlet * | Outlet * | connects to | connects to |
|---------|----------|---------------|---------------|
| TR22 M | TR22 M | Original hose | Original hose |



ST-247 Hose connector.
Brass.
Max. 310 bar /
45 l/min / 150 °C

R+M Nr.
200 247 255 **new**



| Inlet | Outlet | connects to | connects to |
|--------|--------|--------------|--------------|
| ST-247 | ST-247 | ST-247 hoses | ST-247 hoses |

ST-247 Hoses

In addition to the new ST-247 hoses, we complement our product range of quick connectors by the ST-247 plug.
For pipe cleaning purposes, we also offer suitable hoses with and

without nozzle for the new ST-247 quick connectors with special plug made of hardened stainless steel.

Hoses with double wire braid and *wrapped* cover



plug : plug
ST-247 : ST-247
stainless steel

| TYP | DN | P | °C | ↔ | R+M Nr. |
|-----|----|---------|--------|------|---------------|
| 2SC | 8 | 400 bar | 150 °C | 10 m | 345 114 851 0 |
| | | | | 15 m | 345 114 851 5 |
| | | | | 20 m | 345 114 852 0 |



plug : plug
ST-247 : ST-247
stainless steel

| TYP | DN | P | °C | ↔ | R+M Nr. |
|-----|----|---------|--------|------|---------------|
| 2SC | 8 | 400 bar | 150 °C | 10 m | 346 114 851 0 |
| | | | | 15 m | 346 114 851 5 |
| | | | | 20 m | 346 114 852 0 |



plug : plug
ST-247 : ST-247
stainless steel

| TYP | DN | P | °C | ↔ | R+M Nr. |
|-----|----|---------|--------|------|---------------|
| 2SC | 8 | 400 bar | 150 °C | 10 m | 347 114 851 0 |
| | | | | 15 m | 347 114 851 5 |
| | | | | 20 m | 347 114 852 0 |



plug : plug swivel
ST-247 : 11swivel

| TYP | DN | P | °C | ↔ | R+M Nr. |
|-----|----|---------|--------|------|---------------|
| 2SC | 8 | 400 bar | 150 °C | 10 m | 345 115 551 0 |
| | | | | 15 m | 345 115 551 5 |
| | | | | 20 m | 345 115 552 0 |

Hoses with single wire braid and *smooth* cover



plug
ST-247 : 1/8"
without nozzle

| TYP | DN | P | °C | ↔ | R+M Nr. |
|-------|----|---------|--------|------|-------------|
| Flexy | 6 | 300 bar | 100 °C | 10 m | 420 361 010 |
| | | | | 15 m | 420 361 015 |
| | | | | 20 m | 420 361 020 |
| | | | | 25 m | 420 361 025 |
| | | | | 30 m | 420 361 030 |

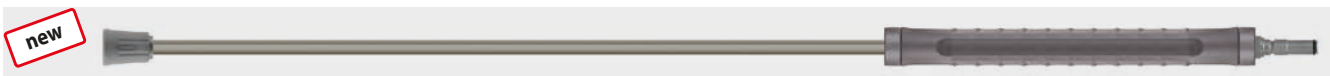


plug
ST-247 : 1/8"
with nozzle

| TYP | DN | P | °C | ↔ | R+M Nr. |
|-------|----|---------|--------|------|-------------|
| Flexy | 6 | 300 bar | 100 °C | 10 m | 420 363 010 |
| | | | | 15 m | 420 363 015 |
| | | | | 20 m | 420 363 020 |
| | | | | 25 m | 420 363 025 |
| | | | | 30 m | 420 363 030 |

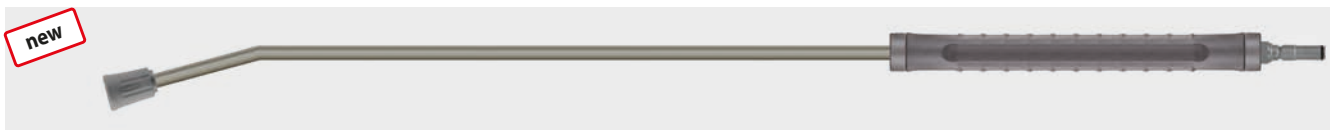
ST-247 hydroblade® lances

ST-247 with insulation ST-9.9



Plug ST-247. Lance with insulation ST-9.9 and **hydroblade®** nozzle protector without **hydroblade®** nozzles.
Max. 400 bar / 150 °C

| R+M Nr. | | ISO | | M |
|-------------|-------------|--------|----------|-----------------|
| 514 524 700 | hydroblade® | 330 mm | 1.000 mm | stainless steel |



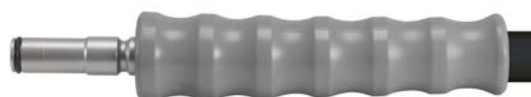
Plug ST-247. Lance with insulation ST-9.9 and **hydroblade®** nozzle protector without **hydroblade®** nozzles.
Max. 400 bar / 150 °C

| R+M Nr. | | ISO | | M |
|-------------|-------------|--------|----------|-----------------|
| 514 524 701 | hydroblade® | 330 mm | 1.000 mm | stainless steel |



ST-247 Quick coupling.
Brass. TR22 F.
Max. 400 bar / 150 °C.

| R+M Nr. | |
|-------------|--|
| 200 247 310 | |

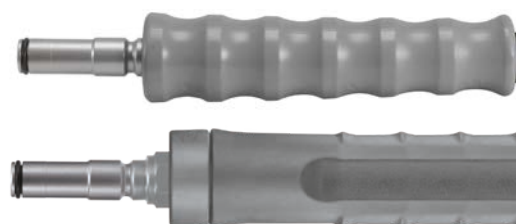


| Inlet | Outlet * | Connects to | Fits to easylock |
|---------------|-----------------------|-------------------|------------------|
| TR22 F K-Lock | Quick coupling ST-247 | Hoses with ST-247 | Outlet HP-device |



ST-247 Quick coupling.
TR22 F. Brass.
Incl. 2 heat resistant caps.
Max. 400 bar / 150 °C.

| R+M Nr. | |
|-------------|--|
| 200 247 410 | |

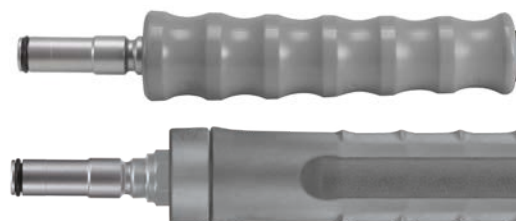


| Inlet * | Outlet | Connects to | Fits to easylock |
|----------------|-----------------------|------------------------------|----------------------------|
| TR 22 F K-Lock | Quick coupling ST-247 | Hoses and lances with ST-247 | Inlet and outlet spray gun |



ST-247 Quick coupling.
M22 F. Brass.
Incl. 2 heat resistant caps.
Max. 400 bar / 150 °C.

| R+M Nr. | |
|-------------|--|
| 200 247 420 | |



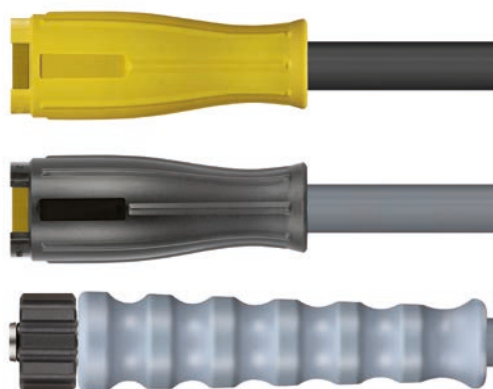
| Inlet | Outlet | Connects to | Fits to System 2000 |
|-------|-----------------------|------------------------------|----------------------------|
| M22 F | Quick coupling ST-247 | Hoses and lances with ST-247 | Inlet and outlet spray gun |

All about K-Lock, ST-247 and hydroblade® by Suttner



K-Lock adapter swivel.
TR22 F : M22 M.
Brass.
Incl. 1 heat resistant cap.
Max. 400 bar / 150° C

R+M Nr.
200 301 100 **new**



| Inlet * | Outlet | Connects to | Fits to easylock |
|-----------------------|--------|-------------|------------------|
| TR 22 F swivel K-Lock | M22 M | Hoses M22 F | Inlet spray gun |



K-Lock adapter swivel.
TR22 F : 3/8" F
Brass.
Incl. 1 heat resistant cap.
Max. 400 bar / 150° C

R+M Nr.
200 247 410 **new**



| Inlet * | Outlet | Connects to | Fits to easylock |
|-----------------------|--------|--------------|------------------|
| TR 22 F swivel K-Lock | 3/8" F | Hoses 3/8" M | Inlet spray gun |



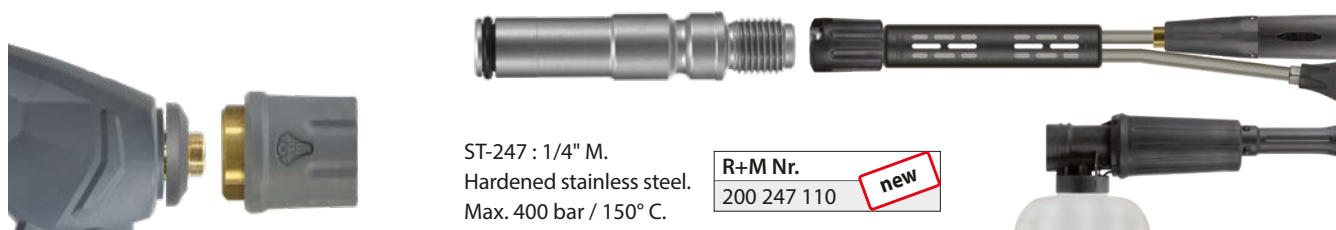
M22 M : ST-247.
Hardened stainless steel.
Max. 400 bar / 150° C

R+M Nr.
200 247 125 **new**



| Inlet | Outlet | Connects to | Fits to easylock |
|-------|-----------------------|----------------------------|-----------------------|
| M22 M | Quick coupling ST-247 | Quick screw coupling M22 F | Quick coupling ST-247 |

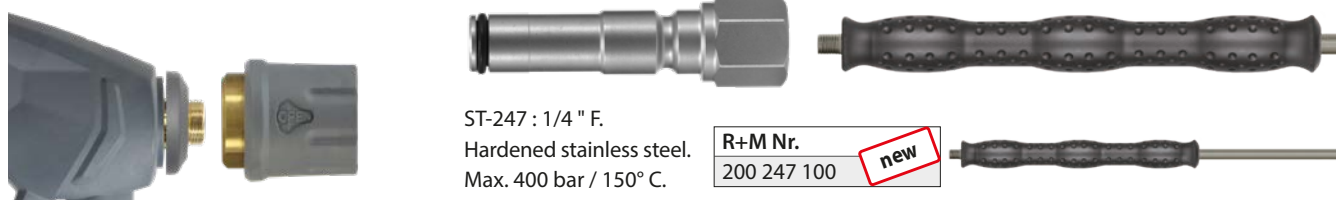
All about K-Lock, ST-247 and hydroblade® by Suttner



ST-247 : 1/4" M.
Hardened stainless steel.
Max. 400 bar / 150° C.

R+M Nr.
200 247 110 **new**

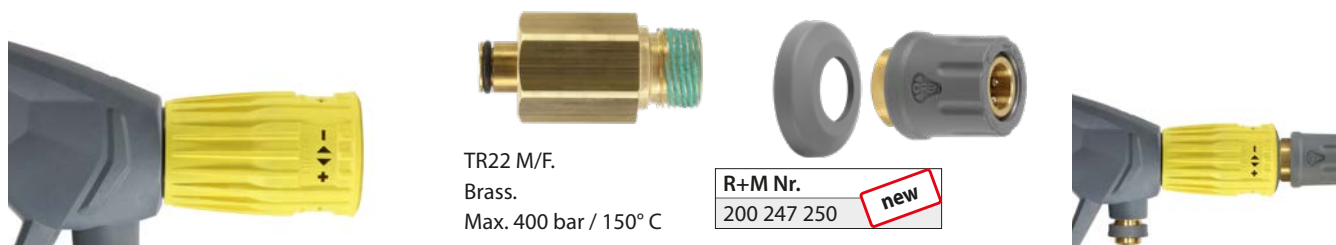
| Inlet | Outlet | Connects to | Fits to easylock |
|-----------------------|--------|--------------------|------------------|
| Quick coupling ST-247 | 1/4" M | Lances with 1/4" F | Outlet spray gun |



ST-247 : 1/4" F.
Hardened stainless steel.
Max. 400 bar / 150° C.

R+M Nr.
200 247 100 **new**

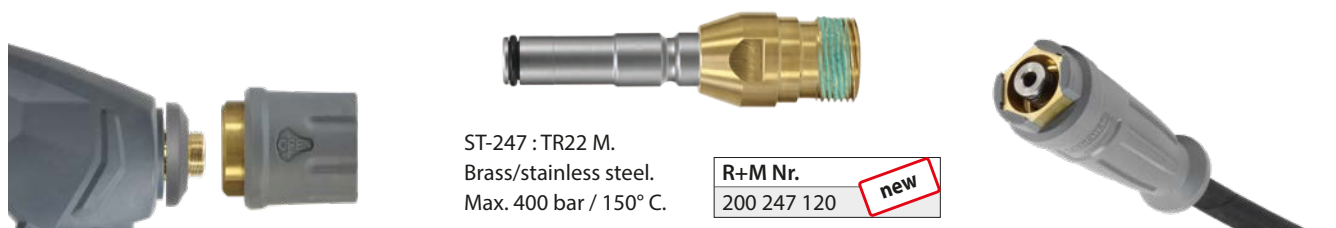
| Inlet | Outlet | Connects to | Fits to easylock |
|-----------------------|--------|--------------------|------------------|
| Quick coupling ST-247 | 1/4" F | Lances with 1/4" M | Outlet spray gun |



TR22 M/F.
Brass.
Max. 400 bar / 150° C

R+M Nr.
200 247 250 **new**

| Inlet | Outlet | Connects to | Fits to easylock |
|---------------|---------------|-----------------------|------------------|
| TR22 F K-Lock | TR22 M K-Lock | Quick coupling ST-247 | Outlet spray gun |



ST-247 : TR22 M.
Brass/stainless steel.
Max. 400 bar / 150° C.

R+M Nr.
200 247 120 **new**

| Inlet * | Outlet | Connects to | Fits to easylock |
|---------------|-------------|-----------------------|------------------|
| TR22 M K-Lock | Plug ST-247 | Quick coupling ST-247 | Original hose |

* thread coated with microencapsulated thread locking fluid

All about K-Lock, ST-247 and hydroblade® by Suttner



hydroblade® nozzle system

We offer a set comprising of a nozzle holder, 6 plug-in nozzles of the same type, and O-rings matching the K-Lock nozzle system.

The ST-247 lances can be equipped quickly with these nozzles, which can be fastened to the lance by means of the nozzle holder. The nozzle protector made of brass with corresponding nozzle holder made of stainless

steel is very sturdy and provides for a strong and uniform flat jet with extraordinarily narrow jet depth.

The new hydroblade products are suitable for existing systems and can be used for high-pressure and steam jet cleaning.

new

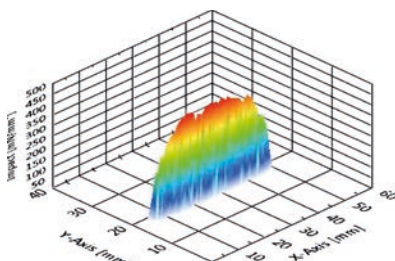
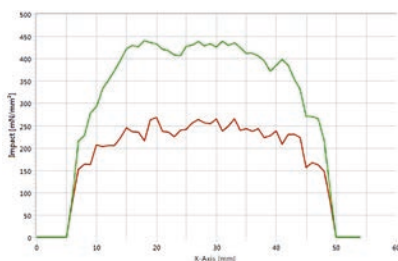


40 %
more efficient!

The hydroblade® set consists of nozzle holder, 6 equal nozzles, and corresponding O-rings.
Max. 400 bar / 150 °C



hydroblade® Benchmark



hydroblade® flat jet nozzles feature a homogenous liquid and pressure distribution. Highly efficient jets are achieved with spray angles of up to 40°. Thanks to the flow geometry of the nozzles, a compact and controlled jet is generated.



Robust nozzles: Bodies made of stainless steel and inserts are made of **hardened stainless steel**.

new



1/4" F : M20 M. Nozzle holder. Stainless steel

R+M Nr.
200 088 125

new



M20x1 F. Nozzle protector. Brass

R+M Nr.
020 000 085

new



Nozzle: Body made of stainless steel and insert made of hardened stainless steel.



hydroblade® nozzleset and accessories

| angle ° | size | R+M Nr. new | nozzleset |
|---------|------|--------------------|-----------|
| 0 | 40 | 126 100 040 | 0° 040 |
| 0 | 45 | 126 100 045 | 0° 045 |
| 0 | 50 | 126 100 050 | 0° 050 |
| 0 | 55 | 126 100 055 | 0° 055 |
| 0 | 60 | 126 100 060 | 0° 060 |
| 0 | 75 | 126 100 075 | 0° 075 |
| 15 | 34 | 126 015 034 | 15° 034 |
| 15 | 40 | 126 015 040 | 15° 040 |
| 15 | 45 | 126 015 045 | 15° 045 |
| 15 | 55 | 126 015 055 | 15° 055 |
| 15 | 60 | 126 015 060 | 15° 060 |
| 15 | 70 | 126 015 070 | 15° 070 |
| 15 | 75 | 126 015 075 | 15° 075 |
| 15 | 80 | 126 015 080 | 15° 080 |

| angle ° | size | R+M Nr. new | nozzleset |
|---------|------|--------------------|-----------|
| 25 | 34 | 126 025 034 | 25° 034 |
| 25 | 40 | 126 025 040 | 25° 040 |
| 25 | 45 | 126 025 045 | 25° 045 |
| 25 | 50 | 126 025 050 | 25° 050 |
| 25 | 55 | 126 025 055 | 25° 055 |
| 25 | 60 | 126 025 060 | 25° 060 |
| 25 | 65 | 126 025 065 | 25° 065 |
| 25 | 70 | 126 025 070 | 25° 070 |
| 25 | 75 | 126 025 075 | 25° 075 |
| 25 | 80 | 126 025 080 | 25° 080 |
| 25 | 90 | 126 025 090 | 25° 090 |
| 25 | 100 | 126 025 100 | 25° 100 |
| 40 | 40 | 126 040 040 | 40° 040 |
| 40 | 45 | 126 040 045 | 40° 045 |
| 40 | 50 | 126 040 050 | 40° 050 |
| 40 | 55 | 126 040 055 | 40° 055 |
| 40 | 60 | 126 040 060 | 40° 060 |
| 40 | 70 | 126 040 070 | 40° 070 |

All about K-Lock, ST-247 and hydroblade® by Suttner



K-Lock connectors at a glance

Select your connector for high-pressure device, gun, lances, accessories and hoses. All screw couplings and couplings are made of brass and usually delivered with an O-ring. Benefit from perfect alternatives and

versatile applications. 10 different adapters ensure that you can continue to select your articles from our vast product range.

The perfect turn for
easylock-connections



M22 M : TR22 F.
K-Lock 6. Brass.
Max. 400 bar / 150° C

R+M Nr.
565 681

new

Alternative to adapter 6



| Inlet | Outlet | Connects to | Fits to easylock |
|--------------|---------------|-------------------|--|
| M 22 x 1.5 M | TR22 F K-Lock | M22 x 1.5 F hoses | Outlet HP device Inlet and outlet spray gun |



3/8" F : TR22 F.
K-Lock 6. Brass.
Max. 400 bar / 150° C

R+M Nr.
565 684

new



| Inlet | Outlet * | Connects to | Fits to easylock |
|------------|---------------|------------------|--|
| BSP 3/8" F | TR22 F K-Lock | AGR 3/8" M hoses | Outlet HP device Inlet and outlet spray gun |



3/8" M : TR22 F.
K-Lock 5. Brass.
Max. 400 bar / 150° C

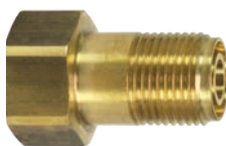
R+M Nr.
565 683

new



| Inlet | Outlet * | Connects to | Fits to easylock |
|------------|---------------|------------------|--|
| BSP 3/8" M | TR22 F K-Lock | DKR 3/8" F hoses | Outlet HP device Inlet and outlet spray gun |

All about K-Lock, ST-247 and hydroblade® by Suttner



M18 M : TR20 F.
K-Lock 8. Brass.
Max. 400 bar / 150° C

R+M Nr. 565 686 **new**

Alternative to adapter 8



| Inlet * | Outlet | Connects to | Fits to easylock |
|---------------|-------------|------------------------------|------------------|
| TR20 K-Lock F | M18 x 1.5 M | Accessories with M18 x 1.5 F | Lance outlet |



M22 F : TR20 M.
K-Lock 7. Brass.
Max. 400 bar / 150° C

R+M Nr. 565 685 **new**

Alternative to adapter 7



| Inlet | Outlet * | Connects to | Fits to easylock |
|------------------|---------------|--------------------|-----------------------|
| BSP 1/4" x 1.5 F | TR20 K-Lock M | Lances with 1/4" M | Accessories with TR20 |



M 18 x 1,5 IG : TR20 AG.
K-Lock 7. Brass.
Max. 400 bar / 150° C

R+M Nr. 565 687 **new**

Alternative to adapter 7



| Inlet | Connects to | Connects to | Fits to easylock |
|-------------|---------------|-------------------------|-----------------------|
| M18 x 1,5 F | TR20 K-Lock M | Lances with M18 x 1.5 M | Accessories with TR20 |



3/8" M : TR22 M.
Brass.
Max. 400 bar / 150° C.

R+M Nr. 010 003 041 **new**




| Inlet | Outlet * | Connects to | Fits to easylock |
|------------|---------------|-----------------------------|------------------|
| BSP 3/8" M | TR22 K-Lock M | Inlet spray gun with 3/8" F | Original hose |

* thread coated with microencapsulated thread locking fluid

All about K-Lock, ST-247 and hydroblade® by Suttner






M 22 F : TR22 M.
Brass.
Max. 400 bar / 150° C.

| | |
|-------------|------------|
| R+M Nr. | new |
| 561 022 220 | |


Alternative to adapter 2



M 22 F QSV: TR22 M.
Brass. Swivel.
Max. 400 bar / 150° C.


| | |
|-------------|------------|
| R+M Nr. | new |
| 568 022 220 | |



Alternative to adapter 9 swivel



M 22 F QSV : TR22 M.
Brass. Swivel.
Max. 400 bar / 150° C.

| | |
|-------------|------------|
| R+M Nr. | new |
| 568 022 221 | |



|  Inlet |  Outlet * | Connects to | Fits to easylock |
|---|--|----------------------------------|------------------|
| M 22 F | TR22 M K-Lock | Spray gun and devices with M22 M | Original hose |



The choice of perfection