



Version 07.19

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.

LTF

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.



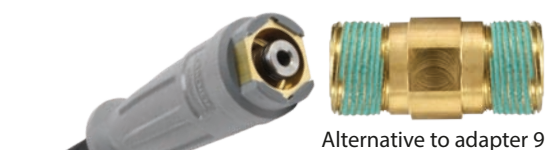
R+M Nr.

100 000 235

HEX

27

new



Alternative to adapter 9

Hose connector.

TR22 M. Brass.

Max. 400 bar

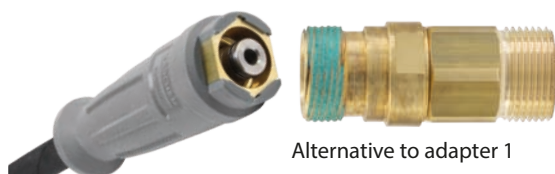
R+M Nr.

569 22

new



Inlet	Outlet	connects to	connects to
TR22 M	TR22 M	Original hose	Original hose



Alternative to adapter 1

Hose connector.

TR 22 M : M22 x 1,5 M.

Brass.

Max. 400 bar

R+M Nr.

569 23

new



Inlet	Outlet	connects to	connects to
ST-247	M22 x 1,5 M	ST-247 hoses	Hoses M22 F



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

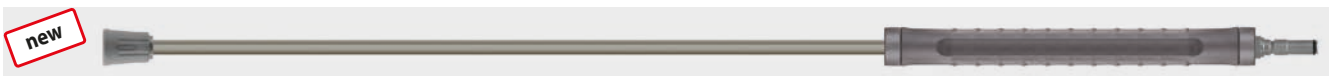


plug
ST-247 : 1/8"
with nozzle

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

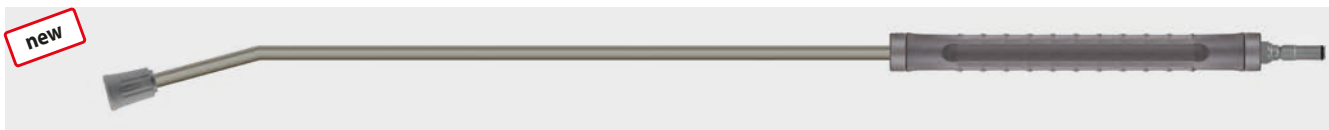
ST-247 hydroblade® lances

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	

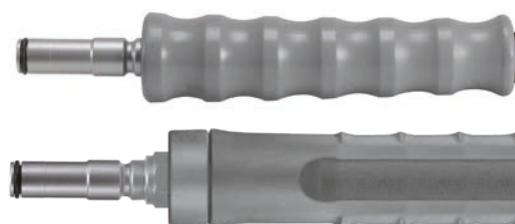


Inlet	Outlet *	Connects to	Fits to easylock
TR22 F K-Lock	Quick coupling ST-247	Hoses with ST-247	Outlet HP-device



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

R+M Nr.	
200 247 410	

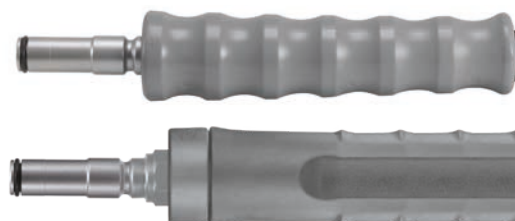


Inlet *	Outlet	Connects to	Fits to easylock
TR 22 F K-Lock	Quick coupling ST-247	Hoses and lances with ST-247	Inlet and outlet spray gun



ST-247 Quick coupling.
M22 F. Brass.
Incl. 1 heat resistant cap.
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

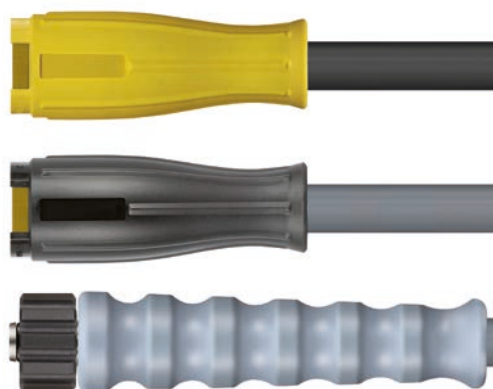
All about K-Lock, ST-247 and hydroblade® by Suttner



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**

Alternative to adapter 12



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.
200 301 110 **new**

Alternative to adapter 12



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



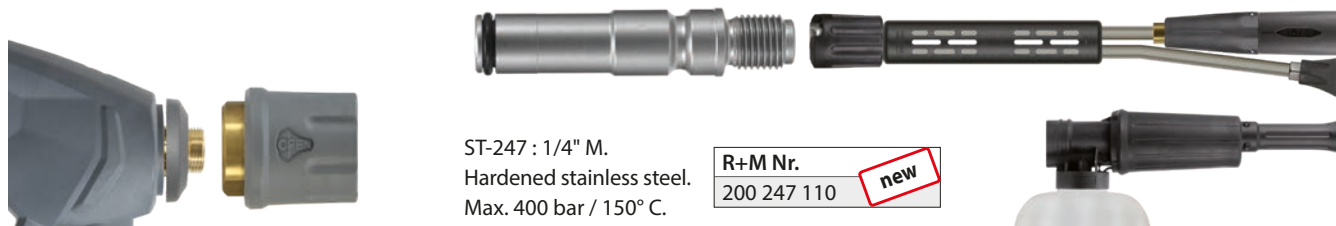
M22 M : ST-247.
Hardened stainless steel.
Max. 400 bar / 150° C

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

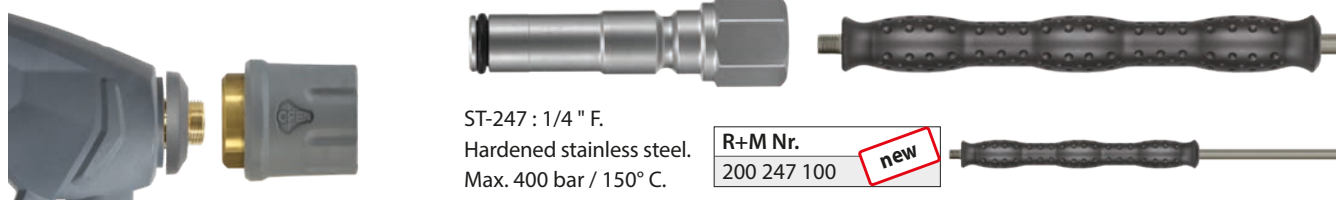
All about K-Lock, ST-247 and hydroblade® by Suttner



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

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

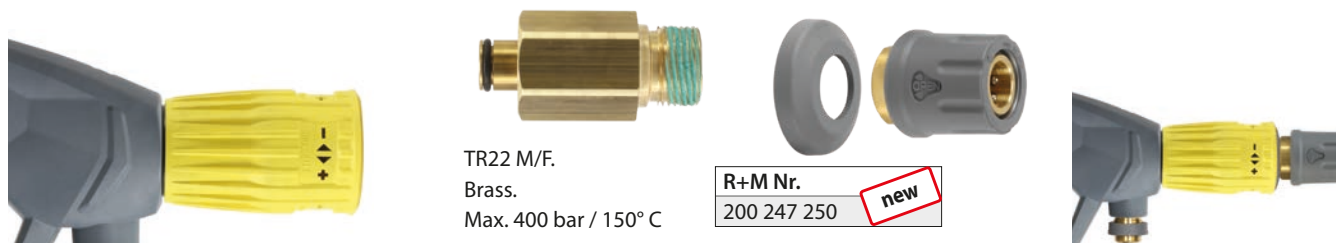
Inlet	Outlet	Connects to	Fits to easylock
Quick coupling ST-247	1/4 " M	Lances with 1/4" F	Outlet spray gun



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

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

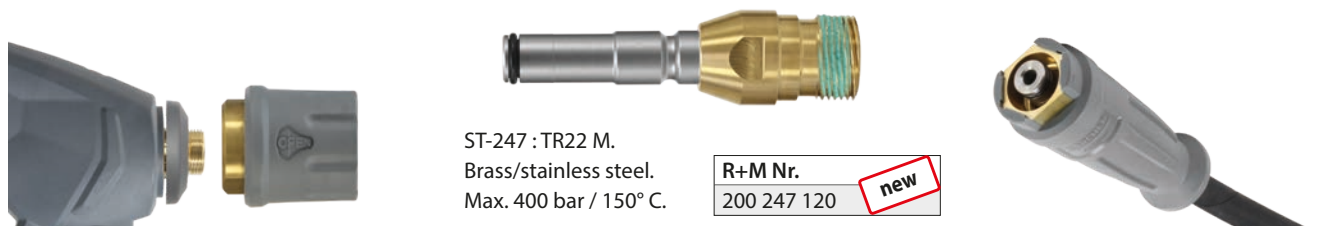
Inlet	Outlet	Connects to	Fits to easylock
Quick coupling ST-247	1/4 " F	Lances with 1/4" M	Outlet spray gun



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

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

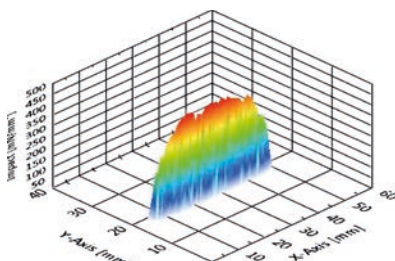
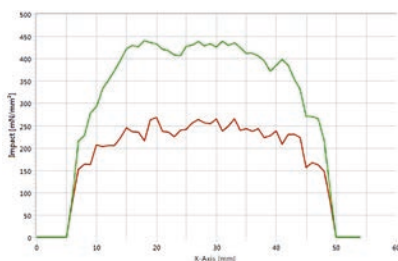


**40 %
more efficient!**

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

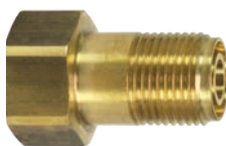
R+M Nr.
565 683

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.

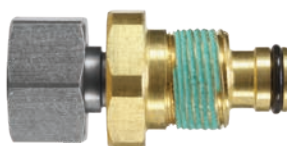
565 685

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



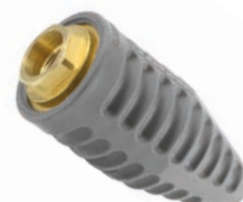
M 18 x 1,5 IG : TR20 AG.
K-Lock 7. Brass.
Max. 400 bar / 150° C

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





Alternatives to adapter 2+3

 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