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Lances

Flat jet lances



Kr

M22 M. Lance with nozzle protector ST-10 and nozzle. Max. 400 bar / 150 °C

R+M Nr.	D	↔	(M)*
512 903 039	2503	430 mm	stainless steel
512 904 039	2504	430 mm	stainless steel
512 904 539	25045	430 mm	stainless steel
513 103 039	2503	500 mm	stainless steel
513 104 039	2504	500 mm	stainless steel
513 104 539	25045	500 mm	stainless steel
513 107 539	2507	500 mm	stainless steel
513 203 539	25035	600 mm	stainless steel
513 204 039	2504	600 mm	stainless steel
513 204 539	25045	600 mm	stainless steel
513 205 039	2505	600 mm	stainless steel
513 206 039	2506	600 mm	stainless steel
513 207 039	2507	600 mm	stainless steel
513 208 039	2508	600 mm	stainless steel
513 210 039	2510	600 mm	stainless steel
513 211 039	2511	600 mm	stainless steel
513 212 539	25125	600 mm	stainless steel

M22 M. Lance with nozzle protector ST-10 and nozzle. Max. 400 bar / 150 °C

R+M Nr.	D	↔	(M)*
512 903 03	2503	430 mm	zinc-plated steel
512 904 03	2504	430 mm	zinc-plated steel
512 904 53	25045	430 mm	zinc-plated steel
513 103 03	2503	500 mm	zinc-plated steel
513 104 03	2504	500 mm	zinc-plated steel
513 104 53	25045	500 mm	zinc-plated steel
513 107 53	2507	500 mm	zinc-plated steel
513 203 53	25035	600 mm	zinc-plated steel
513 204 03	2504	600 mm	zinc-plated steel
513 204 53	25045	600 mm	zinc-plated steel
513 205 03	2505	600 mm	zinc-plated steel
513 206 03	2506	600 mm	zinc-plated steel
513 207 03	2507	600 mm	zinc-plated steel
513 208 03	2508	600 mm	zinc-plated steel
513 210 03	2510	600 mm	zinc-plated steel
513 211 03	2511	600 mm	zinc-plated steel
513 212 53	25125	600 mm	zinc-plated steel



Kr

Plug KW. Lance with protector ST-10 without nozzle.
Max. 400 bar / 150 °C

R+M Nr.	↔	(M)*
513 100 079	500 mm	stainless steel
513 200 079	600 mm	stainless steel

Plug KW. Lance with protector ST-10 without nozzle.
Max. 400 bar / 150 °C

R+M Nr.	↔	(M)*
513 100 07	500 mm	zinc-plated steel
513 200 07	600 mm	zinc-plated steel

Lances with female thread



1/4" M. Lance with moulded handle Cool & Compact. Comfortable grip and ergonomic shape. Heat-proof insulation. Max. 400 bar / 150 °C

R+M Nr.	⊗	ISO	↔	(M)*
200 129 140	1/4" F BSP	300 mm	500 mm	stainless steel
200 129 145	1/4" F BSP	400 mm	700 mm	stainless steel
200 129 150	1/4" F BSP	400 mm	800 mm	stainless steel

R+M Nr.



1/4" M. Lance. Max. 400 bar / 150 °C

R+M Nr.	⊗	↔	(M)
070 000 097	1/4" F BSP	100 mm	stainless steel
070 000 098	1/4" F BSP	150 mm	stainless steel
070 000 099	1/4" F BSP	200 mm	stainless steel
070 000 095	1/4" F BSP	250 mm	stainless steel
070 000 101	1/4" F BSP	350 mm	stainless steel

R+M Nr.

* lance

Lances

ST-001



1/4" M. Lance with male thread. Max. 400 bar / 150 °C

R+M Nr.	☉	↔	(M)
070 004 338	1/4" M	433 mm	stainless steel
070 005 008	1/4" M	500 mm	stainless steel
070 006 008	1/4" M	600 mm	stainless steel
070 008 008	1/4" M	800 mm	stainless steel
070 010 008	1/4" M	1,000 mm	stainless steel
070 012 008	1/4" M	1,200 mm	stainless steel
070 015 008	1/4" M	1,500 mm	stainless steel
070 020 008	1/4" M	2,000 mm	stainless steel

R+M Nr.	☉	↔	(M)
070 000 026	1/4" M	431 mm	zinc-plated steel
070 000 030	1/4" M	500 mm	zinc-plated steel
070 000 040	1/4" M	600 mm	zinc-plated steel
070 000 050	1/4" M	800 mm	zinc-plated steel
070 000 060	1/4" M	1,000 mm	zinc-plated steel
070 000 070	1/4" M	1,200 mm	zinc-plated steel
070 000 080	1/4" M	1,500 mm	zinc-plated steel
070 000 090	1/4" M	2,000 mm	zinc-plated steel



M22 M. Lance with nozzle protector ST-10 without high pressure nozzle. Max. 400 bar / 150 °C

R+M Nr.	☉	↔	(M)
512 903 9	1/4" F NPT	430 mm	stainless steel
513 103 9	1/4" F NPT	500 mm	stainless steel
513 203 9	1/4" F NPT	600 mm	stainless steel
513 303 9	1/4" F NPT	800 mm	stainless steel
513 403 9	1/4" F NPT	1,000 mm	stainless steel

R+M Nr.	☉	↔	(M)
512 903	1/4" F NPT	430 mm	zinc-plated steel
513 103	1/4" F NPT	500 mm	zinc-plated steel
513 203	1/4" F NPT	600 mm	zinc-plated steel
513 303	1/4" F NPT	800 mm	zinc-plated steel
513 403	1/4" F NPT	1,000 mm	zinc-plated steel



M22 M. Lance with nozzle protector ST-10 without high pressure nozzle. Max. 400 bar / 150 °C

R+M Nr.	☉	↔	(M)
513 203 91	1/4" F NPT	600 mm	stainless steel
513 303 91	1/4" F NPT	800 mm	stainless steel
513 403 91	1/4" F NPT	1,000 mm	stainless steel

R+M Nr.	☉	↔	(M)
513 203 1	1/4" F NPT	600 mm	zinc-plated steel
513 303 1	1/4" F NPT	800 mm	zinc-plated steel
513 403 1	1/4" F NPT	1,000 mm	zinc-plated steel

Symbols ☉ outlet ISO insulation ↔ length (M) material (D) nozzle

Lances

ST-26 Cool & Soft



Lance with insulation ST-26 Cool & Soft. Comfortable grip and ergonomic shape. Heat-proof insulation. Heat-proof insulation. Max. 400 bar / 150 °C

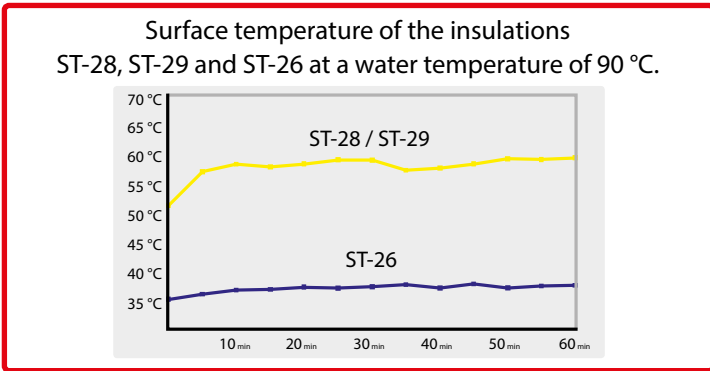
R+M Nr.	⊙	ISO	⇄	M
200 026 405	1/4" M	400 mm	500 mm	stainless steel
200 026 410	1/4" M	400 mm	1,000 mm	stainless steel

R+M Nr.	⊙	ISO	⇄	M

ST-28 Cool & Compact



Lance with insulation ST-28 Cool & Compact. Comfortable grip and ergonomic shape. Heat-proof insulation. Max. 400 bar / 150 °C



R+M Nr.	⊙	ISO	⇄	M
200 028 303	1/4" M	300 mm	330 mm	zinc-plated steel
200 028 305	1/4" M	300 mm	500 mm	zinc-plated steel
200 028 306	1/4" M	300 mm	600 mm	zinc-plated steel
200 028 307	1/4" M	300 mm	700 mm	zinc-plated steel
200 028 408	1/4" M	400 mm	800 mm	zinc-plated steel
200 028 309	1/4" M	300 mm	900 mm	zinc-plated steel
200 028 410	1/4" M	400 mm	1,000 mm	zinc-plated steel
200 028 312	1/4" M	300 mm	1,200 mm	zinc-plated steel
200 028 412	1/4" M	400 mm	1,200 mm	zinc-plated steel

ST-29 Cool & Compact



new

Lance with insulation ST-29 Cool & Compact green. Comfortable grip and ergonomic shape. Heat-proof insulation. Max. 400 bar / 150 °C

R+M Nr.	⊙	ISO	⇄	M
200 029 317	1/4" M	300 mm	900 mm	stainless steel

R+M Nr.	⊙	ISO	⇄	M



new

Lance with insulation ST-29 Cool & Compact blue. Comfortable grip and ergonomic shape. Heat-proof insulation. Max. 400 bar / 150 °C

R+M Nr.	⊙	ISO	⇄	M
200 029 315	1/4" M	300 mm	900 mm	stainless steel

R+M Nr.	⊙	ISO	⇄	M

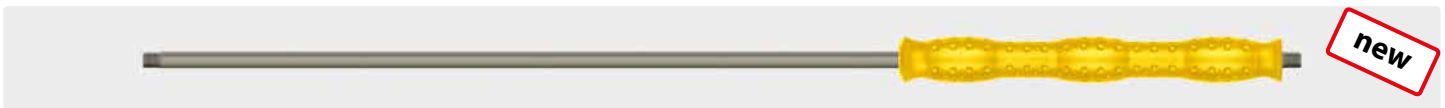


new

Lance with insulation ST-29 Cool & Compact red. Comfortable grip and ergonomic shape. Heat-proof insulation. Max. 400 bar / 150 °C

R+M Nr.	⊙	ISO	⇄	M
200 029 318	1/4" M	300 mm	900 mm	stainless steel

R+M Nr.	⊙	ISO	⇄	M



new

Lance with insulation ST-29 Cool & Compact yellow. Comfortable grip and ergonomic shape. Heat-proof insulation. Max. 400 bar / 150 °C

R+M Nr.	⊙	ISO	⇄	M
200 029 316	1/4" M	300 mm	900 mm	stainless steel

R+M Nr.	⊙	ISO	⇄	M

Lances

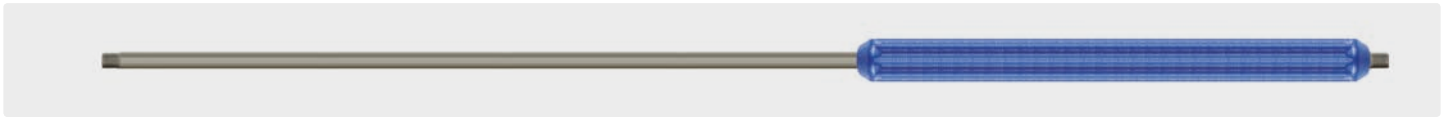
ST-29 Cool & Compact



Lance with insulation ST-29 Cool & Compact. Comfortable grip and ergonomic shape. Heat-proof insulation. Max. 400 bar / 150 °C

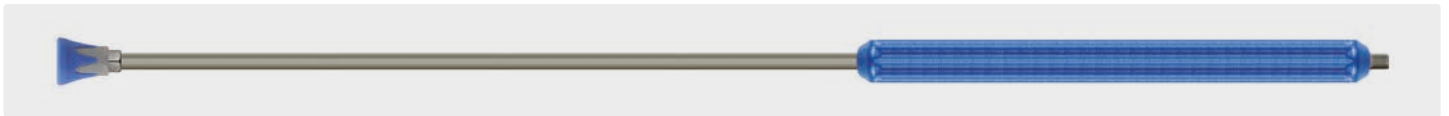
R+M Nr.	⊙	ISO	↔	M	R+M Nr.
200 029 305	1/4" M	300 mm	500 mm	stainless steel	
200 029 306	1/4" M	300 mm	600 mm	stainless steel	
200 029 307	1/4" M	300 mm	700 mm	stainless steel	
200 029 309	1/4" M	300 mm	900 mm	stainless steel	
200 029 410	1/4" M	400 mm	1,000 mm	stainless steel	
200 029 312	1/4" M	300 mm	1,200 mm	stainless steel	
200 029 412	1/4" M	400 mm	1,200 mm	stainless steel	

ST-007



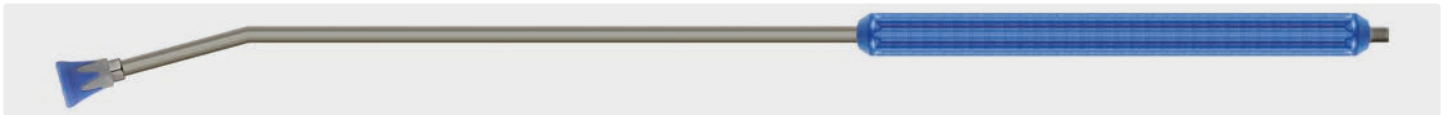
Lance with moulded handle. Max. 400 bar / 150 °C

R+M Nr.	⊙	ISO	↔	M	R+M Nr.
070 005 010	1/4" M	300 mm	500 mm	stainless steel	
070 010 010	1/4" M	400 mm	1,000 mm	stainless steel	



1/4" M. Lance with moulded handle and nozzle protector ST-10 without high pressure nozzle. Max. 400 bar / 150 °C

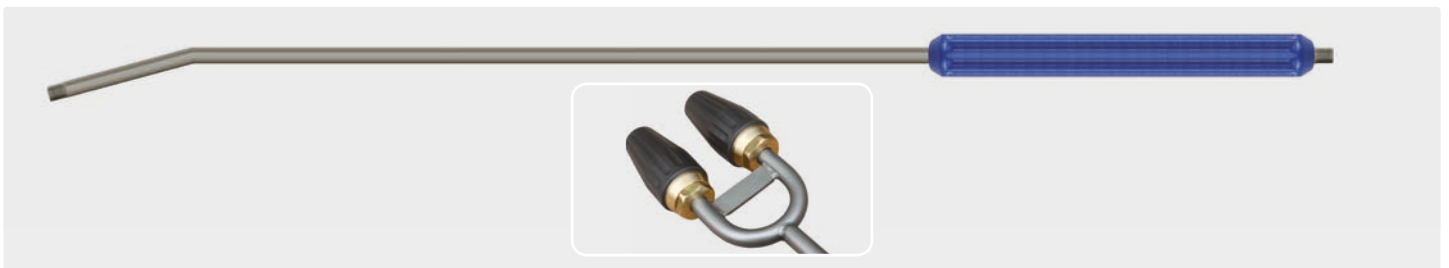
R+M Nr.	⊖	ISO	↔	M	R+M Nr.
512 149 3	1/4" F NPT	300 mm	500 mm	stainless steel	
512 449 3	1/4" F NPT	400 mm	1,000 mm	stainless steel	



1/4" M. Lance with moulded handle and nozzle protector ST-10 without high pressure nozzle. Max. 400 bar / 150 °C

R+M Nr.	⊖	ISO	↔	M	R+M Nr.
512 449 31	1/4" F NPT	400 mm	1,000 mm	stainless steel	

U-lances



1/4" M. Lance with moulded handle. Max. 250 bar / 150 °C

R+M Nr.	⊖	ISO	↔	M	R+M Nr.
070 009 011	2 x 1/4" M	300 mm	900 mm	stainless steel	

Symbols ⊖ outlet ↔ length M material ISO insulation ⊙ thread

Lances

ST-007



Lance with moulded handle. Max. 400 bar / 150 °C

R+M Nr.	⊙	ISO	↔	M
070 009 433	1/4" M	300 mm	433 mm	stainless steel
070 005 009	1/4" M	300 mm	500 mm	stainless steel
070 006 009	1/4" M	300 mm	600 mm	stainless steel
070 007 009	1/4" M	300 mm	700 mm	stainless steel
070 008 009	1/4" M	400 mm	800 mm	stainless steel
070 010 009	1/4" M	400 mm	1,000 mm	stainless steel
070 012 009	1/4" M	500 mm	1,200 mm	stainless steel
070 015 009	1/4" M	500 mm	1,500 mm	stainless steel
070 020 009	1/4" M	500 mm	2,000 mm	stainless steel

R+M Nr.	⊙	ISO	↔	M
070 000 170	1/4" M	300 mm	500 mm	zinc-plated steel
070 000 180	1/4" M	300 mm	600 mm	zinc-plated steel
070 000 190	1/4" M	400 mm	800 mm	zinc-plated steel
070 000 470	1/4" M	300 mm	900 mm	zinc-plated steel
070 000 200	1/4" M	400 mm	1,000 mm	zinc-plated steel
070 000 210	1/4" M	500 mm	1,200 mm	zinc-plated steel
070 000 220	1/4" M	500 mm	1,500 mm	zinc-plated steel
070 000 230	1/4" M	500 mm	2,000 mm	zinc-plated steel



1/4" M. Lance with moulded handle and nozzle protector ST-10 without high pressure nozzle. Max. 400 bar / 150 °C

R+M Nr.	⊙	ISO	↔	M
512 193	1/4" F NPT	300 mm	500 mm	stainless steel
512 293	1/4" F NPT	300 mm	600 mm	stainless steel
512 393	1/4" F NPT	400 mm	800 mm	stainless steel
512 493	1/4" F NPT	400 mm	1,000 mm	stainless steel
512 593	1/4" F NPT	500 mm	1,200 mm	stainless steel
512 693	1/4" F NPT	500 mm	1,500 mm	stainless steel
512 893	1/4" F NPT	500 mm	2,000 mm	stainless steel

R+M Nr.	⊙	ISO	↔	M
512 103	1/4" F NPT	300 mm	500 mm	zinc-plated steel
512 203	1/4" F NPT	300 mm	600 mm	zinc-plated steel
512 303	1/4" F NPT	400 mm	800 mm	zinc-plated steel
512 403	1/4" F NPT	400 mm	1,000 mm	zinc-plated steel
512 503	1/4" F NPT	500 mm	1,200 mm	zinc-plated steel
512 603	1/4" F NPT	500 mm	1,500 mm	zinc-plated steel
512 803	1/4" F NPT	500 mm	2,000 mm	zinc-plated steel



1/4" M. Lance with moulded handle and nozzle protector ST-10 without high pressure nozzle. Max. 400 bar / 150 °C

R+M Nr.	⊙	ISO	↔	M
512 393 1	1/4" F NPT	400 mm	800 mm	stainless steel
512 493 1	1/4" F NPT	400 mm	1,000 mm	stainless steel
512 593 1	1/4" F NPT	500 mm	1,200 mm	stainless steel
512 693 1	1/4" F NPT	500 mm	1,500 mm	stainless steel
512 893 1	1/4" F NPT	500 mm	2,000 mm	stainless steel

R+M Nr.	⊙	ISO	↔	M
512 303 1	1/4" F NPT	400 mm	800 mm	zinc-plated steel
512 403 1	1/4" F NPT	400 mm	1,000 mm	zinc-plated steel
512 503 1	1/4" F NPT	500 mm	1,200 mm	zinc-plated steel
512 603 1	1/4" F NPT	500 mm	1,500 mm	zinc-plated steel
512 803 1	1/4" F NPT	500 mm	2,000 mm	zinc-plated steel

Lances

ST-001 with vented handle ST-9



Lance with insulation ST-9. Max. 400 bar / 150 °C

R+M Nr.	⊙	ISO	↔	(M)
511 29	1/4" M	380 mm	500 mm	stainless steel
511 39	1/4" M	380 mm	600 mm	stainless steel
511 49	1/4" M	380 mm	800 mm	stainless steel
511 59	1/4" M	380 mm	1,000 mm	stainless steel
511 69	1/4" M	380 mm	1,200 mm	stainless steel
511 79	1/4" M	380 mm	1,500 mm	stainless steel
511 719	1/4" M	760 mm	1,500 mm	stainless steel
511 99	1/4" M	760 mm	2,000 mm	stainless steel

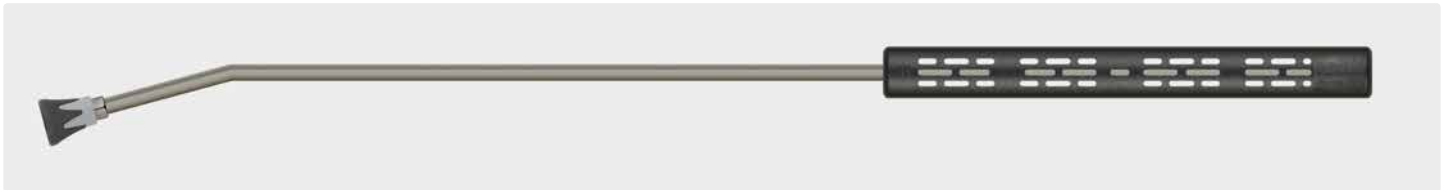
R+M Nr.	⊖	ISO	↔	(M)
511 20	1/4" M	380 mm	500 mm	zinc-plated steel
511 30	1/4" M	380 mm	600 mm	zinc-plated steel
511 40	1/4" M	380 mm	800 mm	zinc-plated steel
511 50	1/4" M	380 mm	1,000 mm	zinc-plated steel
511 60	1/4" M	380 mm	1,200 mm	zinc-plated steel
511 70	1/4" M	380 mm	1,500 mm	zinc-plated steel
511 71	1/4" M	760 mm	1,500 mm	zinc-plated steel
511 90	1/4" M	760 mm	2,000 mm	zinc-plated steel



1/4" M. Lance with vented handle ST-9 and nozzle protector ST-10 without high pressure nozzle. Max. 400 bar / 150 °C

R+M Nr.	⊖	ISO	↔	(M)
511 201 9	1/4" F NPT	380 mm	500 mm	stainless steel
511 301 9	1/4" F NPT	380 mm	600 mm	stainless steel
511 401 9	1/4" F NPT	380 mm	800 mm	stainless steel
511 501 9	1/4" F NPT	380 mm	1,000 mm	stainless steel
511 601 9	1/4" F NPT	380 mm	1,200 mm	stainless steel
511 701 9	1/4" F NPT	760 mm	1,500 mm	stainless steel
511 901 9	1/4" F NPT	760 mm	2,000 mm	stainless steel

R+M Nr.	⊖	ISO	↔	(M)
511 201	1/4" F NPT	380 mm	500 mm	zinc-plated steel
511 301	1/4" F NPT	380 mm	600 mm	zinc-plated steel
511 401	1/4" F NPT	380 mm	800 mm	zinc-plated steel
511 501	1/4" F NPT	380 mm	1,000 mm	zinc-plated steel
511 601	1/4" F NPT	380 mm	1,200 mm	zinc-plated steel
511 701	1/4" F NPT	760 mm	1,500 mm	zinc-plated steel
511 901	1/4" F NPT	760 mm	2,000 mm	zinc-plated steel



1/4" M. Lance with vented handle ST-9 and nozzle protector ST-10 without high pressure nozzle. Max. 400 bar / 150 °C

R+M Nr.	⊖	ISO	↔	(M)
511 401 19	1/4" F NPT	380 mm	800 mm	stainless steel
511 501 19	1/4" F NPT	380 mm	1,000 mm	stainless steel
511 601 19	1/4" F NPT	380 mm	1,200 mm	stainless steel
511 701 19	1/4" F NPT	760 mm	1,500 mm	stainless steel
511 901 19	1/4" F NPT	760 mm	2,000 mm	stainless steel

R+M Nr.	⊖	ISO	↔	(M)
511 401 1	1/4" F NPT	380 mm	800 mm	zinc-plated steel
511 501 1	1/4" F NPT	380 mm	1,000 mm	zinc-plated steel
511 601 1	1/4" F NPT	380 mm	1,200 mm	zinc-plated steel
511 701 1	1/4" F NPT	760 mm	1,500 mm	zinc-plated steel
511 901 1	1/4" F NPT	760 mm	2,000 mm	zinc-plated steel

Symbols ⊖ outlet ↔ length (M) material ISO insulation ⊙ thread

Lances

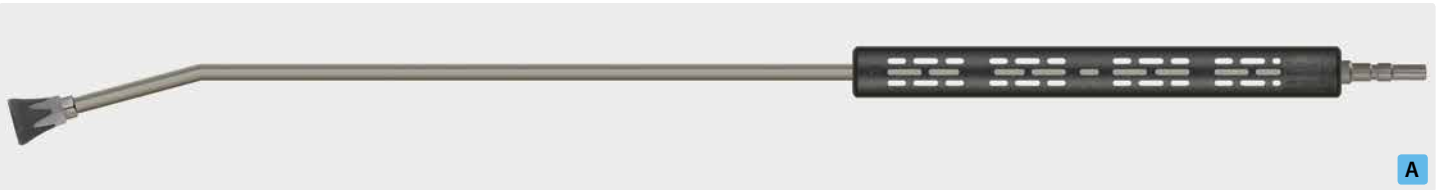
ST-001 with vented handle ST-9



Plug KW. Lance with vented handle ST-9 and nozzle protector ST-10 without high pressure nozzle. Max. 400 bar / 150 °C

R+M Nr.	☉	ISO	↔	M
511 405 9	1/4" F NPT	380 mm	800 mm	stainless steel
511 505 9	1/4" F NPT	380 mm	1,000 mm	stainless steel

R+M Nr.	☉	ISO	↔	M
511 405	1/4" F NPT	380 mm	800 mm	zinc-plated steel
511 505	1/4" F NPT	380 mm	1,000 mm	zinc-plated steel



Plug KW. Lance with vented handle ST-9 and nozzle protector ST-10 without high pressure nozzle. Max. 400 bar / 150 °C

R+M Nr.	☉	ISO	↔	M
511 405 91	1/4" F NPT	380 mm	800 mm	stainless steel
511 505 91	1/4" F NPT	380 mm	1,000 mm	stainless steel

R+M Nr.	☉	ISO	↔	M
511 405 1	1/4" F NPT	380 mm	800 mm	zinc-plated steel
511 505 1	1/4" F NPT	380 mm	1,000 mm	zinc-plated steel



Plug KW. Lance with insulation ST-9, grip and nozzle protector ST-10 without high pressure nozzle. Max. 400 bar / 150 °C

R+M Nr.	☉	ISO	↔	M
511 705 9	1/4" F NPT	760 mm	1,500 mm	stainless steel
511 905 9	1/4" F NPT	760 mm	2,000 mm	stainless steel

R+M Nr.	☉	ISO	↔	M
511 705	1/4" F NPT	760 mm	1,500 mm	zinc-plated steel
511 905	1/4" F NPT	760 mm	2,000 mm	zinc-plated steel



Plug KW. Lance with insulation ST-9, grip and nozzle protector ST-10 without high pressure nozzle. Max. 400 bar / 150 °C

R+M Nr.	☉	ISO	↔	M
511 705 91	1/4" F NPT	760 mm	1,500 mm	stainless steel
511 905 91	1/4" F NPT	760 mm	2,000 mm	stainless steel

R+M Nr.	☉	ISO	↔	M
511 705 1	1/4" F NPT	760 mm	1,500 mm	zinc-plated steel
511 905 1	1/4" F NPT	760 mm	2,000 mm	zinc-plated steel

Symbols ☉ outlet ↔ length M material ISO insulation

Lances

ST-001 with insulation ST-9.9



Kr A

Plug KW. Lance with insulation ST-9.9 and ST-51 adjustable nozzle. Max. 250 bar / 150 °C

R+M Nr.	⊖	ISO	↔	M
511 505 910	1/4" F	330 mm	1,000 mm	stainless steel

R+M Nr.

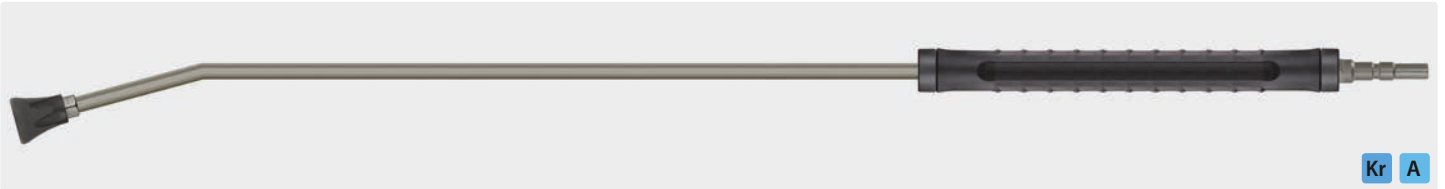


A

Plug KW. Lance with insulation ST-9.9 and nozzle protector ST-10 without high pressure nozzle. Max. 400 bar / 150 °C

R+M Nr.	⊖	ISO	↔	M
511 505 901	1/8" F NPT	330 mm	1,000 mm	stainless steel

R+M Nr.



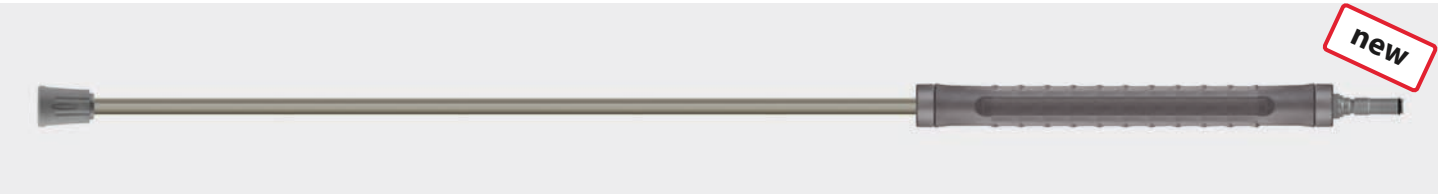
Kr A

Plug KW. Lance with insulation ST-9.9 and nozzle protector ST-10 without high pressure nozzle. Max. 400 bar / 150 °C

R+M Nr.	⊖	ISO	↔	M
511 505 905	1/4" F NPT	330 mm	1,000 mm	stainless steel

R+M Nr.

ST-247 with insulation ST-9.9

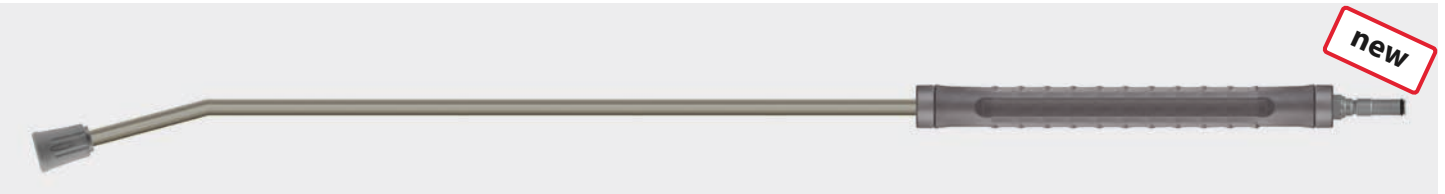


new

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	Edelstahl

R+M Nr.



new

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	Edelstahl

R+M Nr.

Lances

ST-001 with vented handle ST-9



M22 M. Lance with vented handle ST-9 and nozzle protector ST-10 without high pressure nozzle. Max. 400 bar / 150 °C

R+M Nr.	☺	ISO	↔	M
511 203 9	1/4" F NPT	380 mm	500 mm	stainless steel
511 503 9	1/4" F NPT	380 mm	1,000 mm	stainless steel
511 703 9	1/4" F NPT	380 mm	1,500 mm	stainless steel
511 803 9	1/4" F NPT	760 mm	2,000 mm	stainless steel

R+M Nr.	☺	ISO	↔	M
511 203	1/4" F NPT	380 mm	500 mm	zinc-plated steel
511 503	1/4" F NPT	380 mm	1,000 mm	zinc-plated steel
511 703	1/4" F NPT	380 mm	1,500 mm	zinc-plated steel
511 803	1/4" F NPT	760 mm	2,000 mm	zinc-plated steel



M22 M. Lance with vented handle ST-9 and nozzle protector ST-10 without high pressure nozzle. Max. 400 bar / 150 °C

R+M Nr.	☺	ISO	↔	M
511 503 91	1/4" F NPT	380 mm	1,000 mm	stainless steel
511 703 91	1/4" F NPT	380 mm	1,500 mm	stainless steel
511 803 91	1/4" F NPT	760 mm	2,000 mm	stainless steel

R+M Nr.	☺	ISO	↔	M
511 503 1	1/4" F NPT	380 mm	1,000 mm	zinc-plated steel
511 703 1	1/4" F NPT	380 mm	1,500 mm	zinc-plated steel
511 803 1	1/4" F NPT	760 mm	2,000 mm	zinc-plated steel

ST-001 with vented handle ST-9



Plug KW. Lance with vented handle ST-9 and nozzle protector without tip. Max. 400 bar / 150 °C

R+M Nr.	☺	ISO	↔	M
514 594	nozzle protector	380 mm	1,000 mm	stainless steel

R+M Nr.

Nozzle protector



Nozzle protector with M22 F. Without tip. Max. 400 bar / 150 °C

Nozzle protector with plug KW. Without tip. Max. 400 bar / 150 °C

R+M Nr.
561 41

R+M Nr.
559 105

Lances

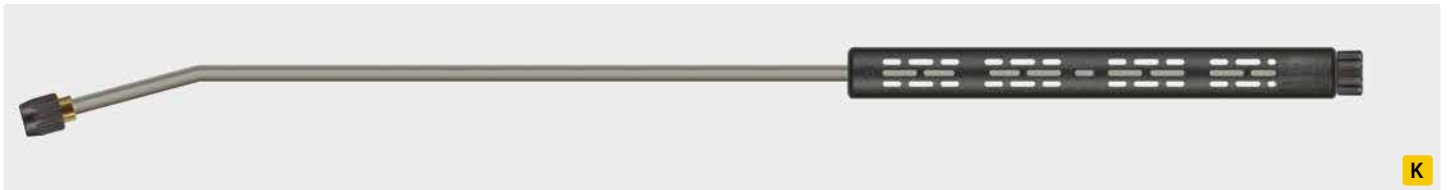


K

M22 F. Lance with vented handle ST-9 and nozzle protector without tip. Max. 400 bar / 150 °C

R+M Nr.	☉	ISO	↔	(M)
514 19	nozzle protector	380 mm	500 mm	stainless steel
514 29	nozzle protector	380 mm	600 mm	stainless steel
514 39	nozzle protector	380 mm	800 mm	stainless steel
514 59	nozzle protector	380 mm	1,000 mm	stainless steel
514 69	nozzle protector	380 mm	1,200 mm	stainless steel
514 79	nozzle protector	380 mm	1,500 mm	stainless steel
514 89	nozzle protector	760 mm	2,000 mm	stainless steel

R+M Nr.	☉	ISO	↔	(M)
514 10	nozzle protector	380 mm	500 mm	zinc-plated steel
514 20	nozzle protector	380 mm	600 mm	zinc-plated steel
514 30	nozzle protector	380 mm	800 mm	zinc-plated steel
514 50	nozzle protector	380 mm	1,000 mm	zinc-plated steel
514 60	nozzle protector	380 mm	1,200 mm	zinc-plated steel
514 70	nozzle protector	380 mm	1,500 mm	zinc-plated steel
514 80	nozzle protector	760 mm	2,000 mm	zinc-plated steel



K

M22 F. Lance with vented handle ST-9 and nozzle protector without tip. Max. 400 bar / 150 °C

R+M Nr.	☉	ISO	↔	(M)
514 391	nozzle protector	380 mm	800 mm	stainless steel
514 591	nozzle protector	380 mm	1,000 mm	stainless steel
514 691	nozzle protector	380 mm	1,200 mm	stainless steel
514 791	nozzle protector	380 mm	1,500 mm	stainless steel
514 891	nozzle protector	760 mm	2,000 mm	stainless steel

R+M Nr.	☉	ISO	↔	(M)
514 301	nozzle protector	380 mm	800 mm	zinc-plated steel
514 501	nozzle protector	380 mm	1,000 mm	zinc-plated steel
514 601	nozzle protector	380 mm	1,200 mm	zinc-plated steel
514 701	nozzle protector	380 mm	1,500 mm	zinc-plated steel
514 801	nozzle protector	760 mm	2,000 mm	zinc-plated steel



K

M22 F swivel. Lance with vented handle ST-9 and nozzle protector without tip. Max. 400 bar / 150 °C

R+M Nr.	☉	ISO	↔	(M)
514 119	nozzle protector	380 mm	500 mm	stainless steel
514 519	nozzle protector	380 mm	1,000 mm	stainless steel
514 719	nozzle protector	380 mm	1,500 mm	stainless steel
514 819	nozzle protector	760 mm	2,000 mm	stainless steel

R+M Nr.	☉	ISO	↔	(M)
514 11	nozzle protector	380 mm	500 mm	zinc-plated steel
514 510	nozzle protector	380 mm	1,000 mm	zinc-plated steel
514 71	nozzle protector	380 mm	1,500 mm	zinc-plated steel
514 81	nozzle protector	760 mm	2,000 mm	zinc-plated steel



K

M22 F swivel. Lance with vented handle ST-9 and nozzle protector without tip. Max. 400 bar / 150 °C

R+M Nr.	☉	ISO	↔	(M)
514 519 1	nozzle protector	380 mm	1,000 mm	stainless steel
514 719 1	nozzle protector	380 mm	1,500 mm	stainless steel
514 819 1	nozzle protector	760 mm	2,000 mm	stainless steel

R+M Nr.	☉	ISO	↔	(M)
514 511	nozzle protector	380 mm	1,000 mm	zinc-plated steel
514 711	nozzle protector	380 mm	1,500 mm	zinc-plated steel
514 811	nozzle protector	760 mm	2,000 mm	zinc-plated steel

Symbols ☉ outlet ↔ length (M) material ISO insulation

Lances with ergonomic swivel screw coupling

- » Lances suitable for Kärcher spray guns.
- » The lance has an ergonomic and conical swivel screw coupling operating as a connection piece between the lance and the spray gun. The new design offers a smooth transition from the spray gun to the lance.
- » Rotating by 360° under pressure.
- » All materials are rust-free and of premium quality.
- » The hand screw coupling is made out of shock-resistant plastics and equipped with a brazen thread. The internal nipple of the hand screw coupling is made out of stainless steel.
- » Nozzle protector without tip.



Lances with vented handle ST-9



M22 F swivel. Lance with vented handle ST-9 and nozzle protector without tip. Max. 400 bar / 150 °C

R+M Nr.	spray gun	ISO	↔	(M)
514 149	standard	380 mm	500 mm	stainless steel
514 249	standard	380 mm	600 mm	stainless steel
514 549	standard	380 mm	1,000 mm	stainless steel
514 749	standard	380 mm	1,500 mm	stainless steel

R+M Nr.	spray gun	ISO	↔	(M)
514 159	servopress	380 mm	500 mm	stainless steel
514 559	servopress	380 mm	1,000 mm	stainless steel



M22 F swivel. Lance with vented handle ST-9 and nozzle protector without tip. Max. 400 bar / 150 °C

R+M Nr.	spray gun	ISO	↔	(M)
514 549 1	standard	380 mm	1,000 mm	stainless steel
514 749 1	standard	380 mm	1,500 mm	stainless steel

R+M Nr.	spray gun	ISO	↔	(M)
514 559 1	servopress	380 mm	1,000 mm	stainless steel

Lances with insulation ST-22



M22 F swivel. Lance with insulation ST-22 and nozzle protector without tip. Max. 400 bar / 150 °C

R+M Nr.	spray gun	ISO	↔	(M)
514 129	standard	310 mm	500 mm	stainless steel
514 529	standard	410 mm	1,000 mm	stainless steel

R+M Nr.	spray gun	ISO	↔	(M)
514 139	servopress	310 mm	500 mm	stainless steel
514 539	servopress	410 mm	1,000 mm	stainless steel

Symbols inlet outlet length material insulation

Lances with ergonomic swivel screw coupling

Lances with insulation ST-22



M22 F swivel. Lance with insulation ST-22 and nozzle protector without tip. Max. 400 bar / 150 °C

R+M Nr.	spray gun	ISO	↔	M	R+M Nr.	spray gun	ISO	↔	M
514 529 1	standard	410 mm	1,000 mm	stainless steel	514 539 1	servopress	410 mm	1,000 mm	stainless steel

Twin lances with moulded handle



M22 F swivel. Lance with moulded handle, valve ST-54 aside and nozzle protector without tip. Max. 310 bar / 150 °C

R+M Nr.	↺	ISO	↔	M	R+M Nr.	↺	ISO	↔	M
		300 mm	980 mm	zinc-plated steel	517 608 5	nozzle protector	300 mm	980 mm	zinc-plated steel



suitable for standard spray guns

M22 F swivel. ST-85 Push & Pull lance with ergonomic swivel screw coupling suitable for standard spray guns. Max. 210 bar / 150 °C

R+M Nr.	↺	↔	↻	M	R+M Nr.	↺	↔	↻	M
200 085 645	nozzle protector	850 mm	M22 F swivel	stainless steel	200 085 745	nozzle protector	850 mm	M22 F swivel	zinc-plated steel
200 085 935	nozzle protector	1,000 mm	M22 F swivel	stainless steel	200 085 925	nozzle protector	1,000 mm	M22 F swivel	zinc-plated steel
200 085 685	nozzle protector	1,500 mm	M22 F swivel	stainless steel	200 085 785	nozzle protector	1,500 mm	M22 F swivel	zinc-plated steel
200 085 687	nozzle protector	2,000 mm	M22 F swivel	stainless steel					



suitable for servopress spray guns

M22 F swivel. ST-85 Push & Pull lance with ergonomic swivel screw coupling suitable for servopress spray guns. Max. 210 bar / 150 °C

R+M Nr.	↺	↔	↻	M	R+M Nr.	↺	↔	↻	M
200 085 646	nozzle protector	850 mm	M22 F swivel	stainless steel	200 085 746	nozzle protector	850 mm	M22 F swivel	zinc-plated steel
200 085 936	nozzle protector	1,000 mm	M22 F swivel	stainless steel	200 085 926	nozzle protector	1,000 mm	M22 F swivel	zinc-plated steel
200 085 686	nozzle protector	1,500 mm	M22 F swivel	stainless steel	200 085 786	nozzle protector	1,500 mm	M22 F swivel	zinc-plated steel
200 085 688	nozzle protector	2,000 mm	M22 F swivel	stainless steel					

Lances with vented handle ST-9

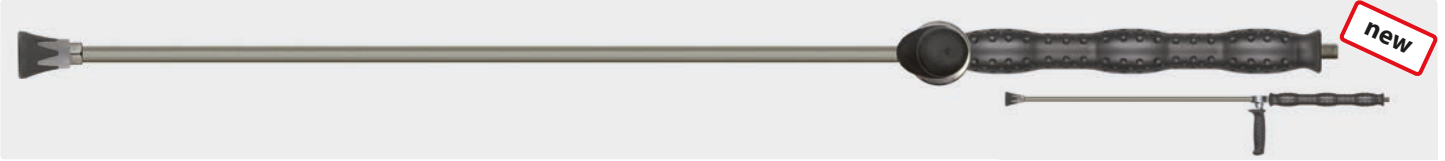


M22 F swivel. Lance with ergonomic swivel screw coupling, vented handle ST-9 & grip and nozzle protector (M20x1) without tip. Max. 650 bar / 150 °C

R+M Nr.	↺	↔	↻	M	R+M Nr.	↺	↔	↻	M
200 146 550	nozzle protector	700 mm	M22 F swivel	stainless steel					

Lances with ST-54.3 Variopress

Lance with valve ST-54.3 aside suitable for devices with more than 1,800 l/h



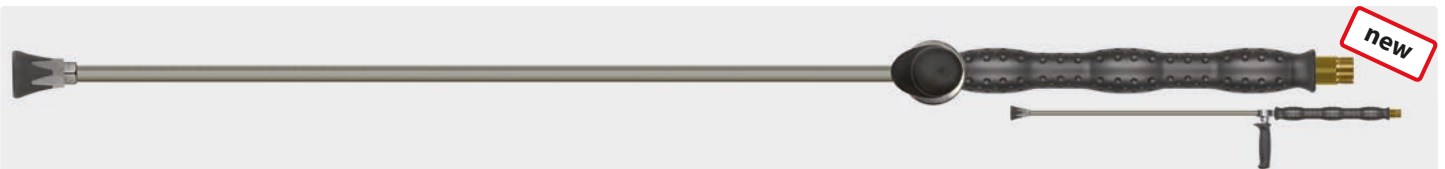
R+M Nr.	☉	ISO	↔	M
517 054 700	1/4" IG NPT	300 mm	800 mm	Edelstahl

1/4" M. Lance with moulded handle ST-29 Cool & Compact, valve ST-54.3 aside and nozzle protector ST-10 without nozzle. Max. 400 bar / 150 °C



R+M Nr.	☉	ISO	↔	M
517 054 730	1/4" IG NPT	300 mm	800 mm	stainless steel

Plug KW. Lance with moulded handle ST-29 Cool & Compact, valve ST-54.3 aside and nozzle protector ST-10 without nozzle. Max. 400 bar / 150 °C



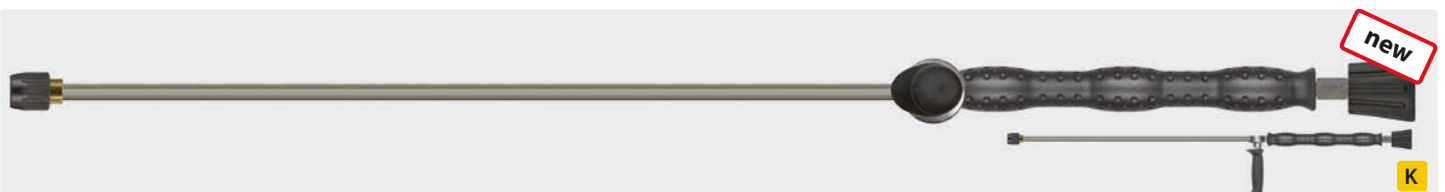
R+M Nr.	☉	ISO	↔	M
517 054 710	1/4" IG NPT	300 mm	800 mm	stainless steel

M22 M. Lance with moulded handle ST-29 Cool & Compact, valve ST-54.3 aside and nozzle protector ST-10 without nozzle. Max. 400 bar / 150 °C



R+M Nr.	☉	ISO	↔	M
517 054 720	1/4" IG NPT	300 mm	800 mm	stainless steel

M22 F. Lance with moulded handle ST-29 Cool & Compact, valve ST-54.3 aside and nozzle protector ST-10 without nozzle. Max. 400 bar / 150 °C



R+M Nr.	☉	ISO	↔	M
517 054 740	tip nozzle holder	300 mm	800 mm	stainl. steel

M22 F swivel. Lance with moulded handle ST-29 Cool & Compact, valve ST-54.3 aside and nozzle protector without tip. Max. 400 bar / 150 °C



R+M Nr.	hydroblade® ☉	ISO	↔	M
517 054 750	nozzle protector	300 mm	800 mm	stainl. steel

Plug ST-247. Lance with moulded handle ST-29 Cool & Compact, valve ST-54.3 aside and and **hydroblade®** nozzle protector without **hydroblade®** nozzles. Max. 400 bar / 150 °C

Rep. Kit ST-53.3



Pressure regulation valve 1/4" F

R+M Nr.
710 054 454

Symbols ☉ outlet ↔ length M material ISO insulation

Twin lances

Lances with valve ST-54



1/4" F. Lance with valve ST-54 and nozzle protector ST-10 with low pressure nozzle & thread 1/4" F. Max. 310 bar / 150 °C

R+M Nr.	⊖	ISO	↔	M
200 054 950	1/4" F NPT	-	650 mm	stainless steel

R+M Nr.	⊖	ISO	↔	M
200 054 850	1/4" F NPT	-	650 mm	zinc-plated steel



1/4" M. Lance with moulded handle, valve ST-54 and nozzle protector ST-10 with low pressure nozzle & thread 1/4" F. Max. 310 bar / 150 °C

R+M Nr.	⊖	ISO	↔	M
200 054 900	1/4" F NPT	300 mm	980 mm	stainless steel

R+M Nr.	⊖	ISO	↔	M
200 054 800	1/4" F NPT	300 mm	980 mm	zinc-plated steel

Lance with valve ST-54 aside



1/4" F. Lance with valve ST-54 aside and nozzle protector ST-10 with low pressure nozzle & thread 1/4" F. Max. 310 bar / 150 °C

R+M Nr.	⊖	ISO	↔	M

R+M Nr.	⊖	ISO	↔	M
200 054 580	1/4" F NPT	-	385 mm	zinc-plated steel



1/4" F. Lance with valve ST-54 aside and nozzle protector ST-10 with low pressure nozzle & thread 1/4" F. Max. 310 bar / 150 °C

R+M Nr.	⊖	ISO	↔	M
200 054 605	1/4" F NPT	-	650 mm	stainless steel

R+M Nr.	⊖	ISO	↔	M
517 50	1/4" F NPT	-	650 mm	zinc-plated steel



M22 M. Lance with valve ST-54 aside and nozzle protector ST-10 with low pressure nozzle & thread 1/4" F. Max. 310 bar / 150 °C

R+M Nr.	⊖	ISO	↔	M
517 501 9	1/4" F NPT	-	650 mm	stainless steel

R+M Nr.	⊖	ISO	↔	M
517 501	1/4" F NPT	-	650 mm	zinc-plated steel

Twin lances

Lance with stainless steel valve ST-54.2 aside



1/4" F. Lance with valve ST-54.2 aside and nozzle protector ST-10 with low pressure nozzle. Max. 400 bar / 150 °C

R+M Nr.	☺	ISO	↔	M
517 054 605	1/4" F NPT	-	650 mm	stainless steel

R+M Nr.	☺	ISO	↔	M



M22 M. Lance with valve ST-54.2 aside and nozzle protector ST-10 with low pressure nozzle. Max.400 bar / 150 °C

R+M Nr.	☺	ISO	↔	M
517 054 610	1/4" F NPT	-	650 mm	stainless steel

R+M Nr.	☺	ISO	↔	M



1/4" M. Lance with moulded handle ST-29 Cool & Compact, valve ST-54.2 aside and nozzle protector ST-10 with low pressure nozzle & thread 1/4" F. Max. 400 bar / 150 °C

R+M Nr.	☺	ISO	↔	M
517 054 600	1/4" F NPT	300 mm	980 mm	stainless steel

R+M Nr.	☺	ISO	↔	M



Plug KW. Lance with moulded handle ST-29 Cool & Compact, valve ST-54.2 aside and nozzle protector ST-10 with low pressure nozzle & thread 1/4" F. Max. 400 bar / 150 °C

R+M Nr.	☺	ISO	↔	M
517 054 630	1/4" F NPT	300 mm	980 mm	stainless steel

R+M Nr.	☺	ISO	↔	M

Rep. Kit ST-54.2



Stainless steel

R+M Nr.
517 054 450

Symbols ☺ outlet ↔ length M material ISO insulation

Twin lances

Lance with valve ST-54 aside



1/4" M. Lance with moulded handle, valve ST-54 aside and nozzle protector ST-10 with low pressure nozzle & thread 1/4" F. Max. 310 bar / 150 °C

R+M Nr.	☺	ISO	↔	M
200 054 600	1/4" F NPT	300 mm	980 mm	stainless steel

R+M Nr.	☺	ISO	↔	M
517 60	1/4" F NPT	300 mm	980 mm	zinc-plated steel



M22 F. Lance with moulded handle, valve ST-54 aside and nozzle protector ST-10 with low pressure nozzle & thread 1/4" F. Max. 310 bar / 150 °C

R+M Nr.	☺	ISO	↔	M
517 601 9	1/4" F NPT	300 mm	980 mm	stainless steel

R+M Nr.	☺	ISO	↔	M
517 601	1/4" F NPT	300 mm	980 mm	zinc-plated steel



Plug KW. Lance with moulded handle, valve ST-54 aside and nozzle protector ST-10 with low pressure nozzle & thread 1/4" F. Max. 310 bar / 150 °C

R+M Nr.	☺	ISO	↔	M
200 054 630	1/4" F NPT	300 mm	980 mm	stainless steel

R+M Nr.	☺	ISO	↔	M
516 605	1/4" F NPT	300 mm	980 mm	zinc-plated steel

Spare parts are on pages 258 and 259.

Symbols ☺ outlet ↔ length M material ISO insulation

Twin lances

Lance with valve ST-54 aside



M22 F swivel. Lance with moulded handle, valve ST-54 aside and nozzle protector without tip. Max. 310 bar / 150 °C

R+M Nr.				
517 608 5	nozzle protector	300 mm	980 mm	zinc-plated steel

Lance with valve ST-53 on top



1/4" F. Lance with valve ST-53 on top and nozzle protector ST-10 with low pressure nozzle & thread 1/4" F. Max. 250 bar / 150 °C

R+M Nr.				
200 053 610	1/4" F NPT	-	650 mm	stainless steel

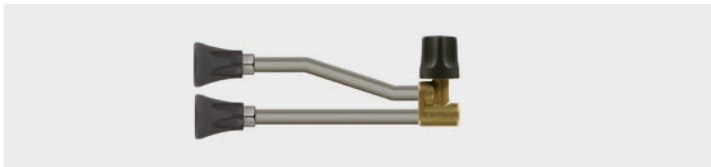
R+M Nr.				
516 10	1/4" F NPT	-	650 mm	zinc-plated steel



1/4" F. Lance with valve ST-53 on top and nozzle protector ST-10 with low pressure nozzle & thread 1/4" M for rotating nozzles. Lance without rotating nozzle. Max. 250 bar / 150 °C

R+M Nr.				
200 053 635	1/4" M	-	650 mm	stainless steel

R+M Nr.				
200 053 535	1/4" M	-	650 mm	zinc-plated steel



1/4" F. Lance with valve ST-53 on top and nozzle protector ST-10 with low pressure nozzle & thread 1/4" F. Max. 250 bar / 150 °C

R+M Nr.				
200 053 710	1/4" M	-	210 mm	zinc-plated steel



Brass. Incl. low pressure nozzle. Max. 250 bar / 150 °C

R+M Nr.		
516 05	plug KW	1/4" F



Brass. Incl. low pressure nozzle. Max. 250 bar / 150 °C

R+M Nr.		
516 03	M22 M	1/4" F



Brass. Incl. low pressure nozzle. Max. 250 bar / 150 °C

R+M Nr.		
516 061	M22 F swivel	1/4" F



Brass. Incl. low pressure nozzle. Max. 250 bar / 150 °C

R+M Nr.		
516 06	M22 F	1/4" F

Twin lances

Lance with valve ST-53 on top



1/4" M. Lance with moulded handle, valve ST-53 on top and nozzle protector ST-10 with low pressure nozzle & thread 1/4" F. Max. 250 bar / 150 °C

R+M Nr.	☉	ISO	↔	M
200 053 600	1/4" F NPT	300 mm	980 mm	stainless steel

R+M Nr.	☉	ISO	↔	M
516 60	1/4" F NPT	300 mm	980 mm	zinc-plated steel



1/4" M. Lance with insulation ST-9 & grip, valve ST-53 on top and nozzle protector ST-10 with low pressure nozzle & thread 1/4" F. Max. 250 bar / 150 °C

R+M Nr.	☉	ISO	↔	M
517 109	1/4" F NPT	380 mm	1,000 mm	stainless steel
517 209	1/4" F NPT	380 mm	1,500 mm	stainless steel
517 309	1/4" F NPT	380 mm	2,000 mm	stainless steel

R+M Nr.	☉	ISO	↔	M
517 10	1/4" F NPT	380 mm	1,000 mm	zinc-plated steel
517 20	1/4" F NPT	380 mm	1,500 mm	zinc-plated steel



Plug KW. Lance with insulation ST-9 & grip, valve ST-53 on top and nozzle protector ST-10 with low pressure nozzle & thread 1/4" F. Max. 250 bar / 150 °C

R+M Nr.	☉	ISO	↔	M
516 105 9	1/4" F NPT	380 mm	1,000 mm	stainless steel
516 155 9	1/4" F NPT	380 mm	1,500 mm	stainless steel

R+M Nr.	☉	ISO	↔	M
516 105	1/4" F NPT	380 mm	1,000 mm	zinc-plated steel



Plug KW. Lance with insulation ST-9 & grip, valve ST-53 on top and low pressure nozzle. Max. 250 bar / 150 °C

R+M Nr.	☉	ISO	↔	M
516 055		380 mm	410 mm	zinc-plated steel

ST-175 Foam & Clean

The change-over lance ST-175 Foam & Clean is the ideal accessory for Suttner's foam injector line. The innovative change-over technology allows to direct the full flow into either one or the other outlet pipe just by turning the hand wheel at the inlet.

In one position of the hand wheel the flow is directed thru an ST-75 foam head for foaming. After changing over the full flow is directed thru the other pipe and a regular spray nozzle for rinsing.

Appropriate nozzle sizing at chemical injector and ST-175 allows changing from foaming to rinsing right at the lance. ST-175 Foam & Clean is compatible to ST-160 / ST-164 / ST-166 / ST-167.

Due to ST-175's changeable air injector nozzles the lance can be driven with all pressure washers with flow rates from 5 to 25 l / min.

Nozzles with integrated jet former are required (page 316).



Twin foam lance with vented handle ST-9 380 mm, change-over valve ST-58, nozzle protector ST-10 without nozzle and foam head ST-75 without nozzle. A foam injector is required.

Max. 350 bar / 45 l/min / 100 °C

R+M Nr.			
200 175 400	1/4" F	-	650 mm



Twin foam lance with vented handle ST-9 205 mm, change-over valve ST-58, ergonomic swivel screw coupling, nozzle protector without tip and foam head ST-75.1 without nozzle. A foam injector is required.

Max. 350 bar / 45 l/min / 100 °C

R+M Nr.			
200 175 411	M22 F	-	420 mm



Twin foam lance with vented handle ST-9 380 mm, change-over valve with 1/4" M and nozzle protector ST-10 without nozzle.

Max. 350 bar / 45 l/min / 100 °C

R+M Nr.			
200 175 510	1/4" F	-	650 mm



Twin foam lance with vented handle ST-9 205 mm, change-over valve ST-58, nozzle protector without tip and foam head ST-75.1 without nozzle. A foam injector is required.

Max. 350 bar / 45 l/min / 100 °C

R+M Nr.			
200 175 412	1/4" F	-	420 mm



Twin foam lance with vented handle ST-9 380 mm, change-over valve ST-58, nozzle protector ST-10 without nozzle and foam head ST-75 with nozzle. A foam injector is required.

Max. 350 bar / 45 l/min / 100 °C

R+M Nr.			
200 175 430	M22 F	1.9	650 mm
200 175 431	M22 F	2.1	650 mm



Twin foam lance with vented handle ST-9 205 mm, change-over valve ST-58, nozzle protector ST-10 without nozzle and foam head ST-75.1 without nozzle. A foam injector is required.

Max. 350 bar / 45 l/min / 100 °C

R+M Nr.			
200 175 414	1/4" F	-	420 mm

ST-85 Push & Pull lances



- » Variable adjustment of spraying angle from 20 to 140°. Especially designed for cleaning of places which are difficult to access such as container, under vehicles, gutters and roofs.
- » 600 mm version suitable for spray guns with integrated extension
- » Max. 210 bar / 150 °C

Grip for vented handle ST-9



Handle for adjustment and locking. Attachable on both sides

R+M Nr.
200 009 680



Kr IP

M22 M. ST-85 lance with nozzle protector ST-10 without high pressure nozzle. Suitable for guns with integrated extension. Max. 210 bar / 150 °C

R+M Nr.	⊖	↔	⊕	M	R+M Nr.	⊖	↔	⊕	M
200 085 270	1/4" F NPT	600 mm	M22 M	stainless steel	200 085 220	1/4" F NPT	600 mm	M22 M	zinc-plated steel



1/4" F. ST-85 Push & Pull lance with nozzle protector ST-10 without high pressure nozzle. Max. 210 bar / 150 °C

R+M Nr.	⊖	↔	⊕	M	R+M Nr.	⊖	↔	⊕	M
200 085 810	1/4" F NPT	850 mm	1/4" F	stainless steel	200 085 710	1/4" F NPT	850 mm	1/4" F	zinc-plated steel
200 085 800	1/4" F NPT	1,000 mm	1/4" F	stainless steel	200 085 700	1/4" F NPT	1,000 mm	1/4" F	zinc-plated steel
200 085 850	1/4" F NPT	1,500 mm	1/4" F	stainless steel	200 085 750	1/4" F NPT	1,500 mm	1/4" F	zinc-plated steel



Kr A

Plug KW. ST-85 Push & Pull lance with nozzle protector ST-10 without high pressure nozzle. Max. 210 bar / 150 °C

R+M Nr.	⊖	↔	⊕	M	R+M Nr.	⊖	↔	⊕	M
200 085 260	1/4" F NPT	600 mm	plug KW	stainless steel	200 085 210	1/4" F NPT	600 mm	plug KW	zinc-plated steel
200 085 610	1/4" F NPT	850 mm	plug KW	stainless steel	200 085 510	1/4" F NPT	850 mm	plug KW	zinc-plated steel
200 085 600	1/4" F NPT	1,000 mm	plug KW	stainless steel	200 085 500	1/4" F NPT	1,000 mm	plug KW	zinc-plated steel
200 085 650	1/4" F NPT	1,500 mm	plug KW	stainless steel	200 085 550	1/4" F NPT	1,500 mm	plug KW	zinc-plated steel

Symbols ⊕ inlet ⊖ outlet ↔ length M material

ST-85 Push & Pull lances



M22 F swivel. ST-85 Push & Pull lance with nozzle protector ST-10 without high pressure nozzle. Max. 210 bar / 150 °C

R+M Nr.	⊖	↔	⊕	M
200 085 713	1/4" F NPT	850 mm	M22 F swivel	zinc-plated steel
200 085 703	1/4" F NPT	1,000 mm	M22 F swivel	zinc-plated steel
200 085 753	1/4" F NPT	1,500 mm	M22 F swivel	zinc-plated steel



M22 F. ST-85 Push & Pull lance with nozzle protector without tip. Max. 210 bar / 150 °C

R+M Nr.	⊖	↔	⊕	M
200 085 620 nozzle protector	850 mm	M22 F	stainless steel	
200 085 660 nozzle protector	1,500 mm	M22 F	stainless steel	

R+M Nr.	⊖	↔	⊕	M
200 085 720 nozzle protector	850 mm	M22 F	zinc-plated steel	
200 085 760 nozzle protector	1,500 mm	M22 F	zinc-plated steel	



M22 F swivel. ST-85 Push & Pull lance with nozzle protector without tip. Max. 210 bar / 150 °C

R+M Nr.	⊖	↔	⊕	M
200 085 640 nozzle protector	850 mm	M22 F swivel	stainless steel	
200 085 930 nozzle protector	1,000 mm	M22 F swivel	stainless steel	
200 085 680 nozzle protector	1,500 mm	M22 F swivel	stainless steel	

R+M Nr.	⊖	↔	⊕	M
200 085 740 nozzle protector	850 mm	M22 F swivel	zinc-plated steel	
200 085 920 nozzle protector	1,000 mm	M22 F swivel	zinc-plated steel	
200 085 780 nozzle protector	1,500 mm	M22 F swivel	zinc-plated steel	



suitable for standard spray guns

M22 F swivel. ST-85 Push & Pull lance with ergonomic swivel screw coupling suitable for standard spray guns. Max. 210 bar / 150 °C

R+M Nr.	⊖	↔	⊕	M
200 085 645 nozzle protector	850 mm	M22 F swivel	stainless steel	
200 085 935 nozzle protector	1,000 mm	M22 F swivel	stainless steel	
200 085 685 nozzle protector	1,500 mm	M22 F swivel	stainless steel	
200 085 687 nozzle protector	2,000 mm	M22 F swivel	stainless steel	

R+M Nr.	⊖	↔	⊕	M
200 085 745 nozzle protector	850 mm	M22 F swivel	zinc-plated steel	
200 085 925 nozzle protector	1,000 mm	M22 F swivel	zinc-plated steel	
200 085 785 nozzle protector	1,500 mm	M22 F swivel	zinc-plated steel	



suitable for servopress spray guns

M22 F swivel. ST-85 Push & Pull lance with ergonomic swivel screw coupling suitable for standard spray guns. Max. 210 bar / 150 °C

R+M Nr.	⊖	↔	⊕	M
200 085 646 nozzle protector	850 mm	M22 F swivel	stainless steel	
200 085 936 nozzle protector	1,000 mm	M22 F swivel	stainless steel	
200 085 686 nozzle protector	1,500 mm	M22 F swivel	stainless steel	
200 085 688 nozzle protector	2,000 mm	M22 F swivel	stainless steel	

R+M Nr.	⊖	↔	⊕	M
200 085 746 nozzle protector	850 mm	M22 F swivel	zinc-plated steel	
200 085 926 nozzle protector	1,000 mm	M22 F swivel	zinc-plated steel	
200 085 786 nozzle protector	1,500 mm	M22 F swivel	zinc-plated steel	

Kit ST-85 Push & Pull

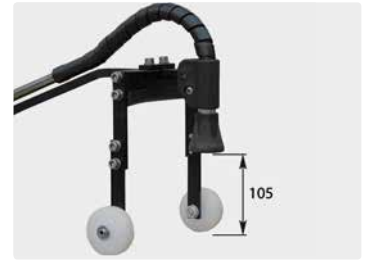


- » The kit is suitable for undercar wash of vehicles as well as for roof cleaning.
- » The kit is supplied as version for undercar wash.
- » The add-on kit for roof cleaning can be easily assembled.

R+M Nr.
200 085 400



undercar wash



roof cleaning

Suttner ultra high pressure lances

Lances with ergonomic swivel screw coupling



M22 M swivel Lance with ergonomic swivel screw coupling, vented handle ST-9 & grip and nozzle protector (M20x1) without tip.
Max. 650 bar / 150 °C

R+M Nr.	☺	↔	Ⓒ	Ⓜ	R+M Nr.
200 146 550 nozzle protector	700 mm	M22 F _{swivel}	stainless steel		

Ultra high pressure twin lances



M22 M. Lance with moulded handle, valve ST-154 aside and nozzle protector ST-10 with low pressure nozzle & thread 1/4" F. Max. 500 bar / 150 °C

R+M Nr.	☺	ISO	↔	M	R+M Nr.
200 154 520	1/4" F NPT	300 mm	980 mm	stainless steel	

Suttner ultra high pressure lances

Ultra high pressure lances ST-3600 - 600 bar



1/2" M. Lance with grip. Max. 600 bar / 150 °C

R+M Nr.	☺	↔	☺	M	R+M Nr.
203 600 416	1/2" M	1,500 mm	1/2" M	stainless steel	
203 600 415	1/2" M	2,000 mm	1/2" M	stainless steel	



1/2" M. Lance with grip and sleeve 1/4" F NPT stainless steel without high pressure nozzle. Max. 600 bar / 150 °C

R+M Nr.	☺	↔	☺	M	R+M Nr.
203 600 400	1/4" F NPT	500 mm	1/2" M	stainless steel	
203 600 401	1/4" F NPT	800 mm	1/2" M	stainless steel	
203 600 402	1/4" F NPT	1,000 mm	1/2" M	stainless steel	



1/2" M. Lance with grip for rotating nozzles with 1/4" F without rotating nozzle. Max. 600 bar / 150 °C

R+M Nr.	☺	↔	☺	M	R+M Nr.
203 600 411	1/4" M	500 mm	1/2" M	stainless steel	
203 600 410	1/4" M	800 mm	1/2" M	stainless steel	
203 600 412	1/4" M	1,000 mm	1/2" M	stainless steel	



Plug ST-45. Lance with grip and sleeve 1/4" F NPT stainless steel without high pressure nozzle. Max. 600 bar / 150 °C

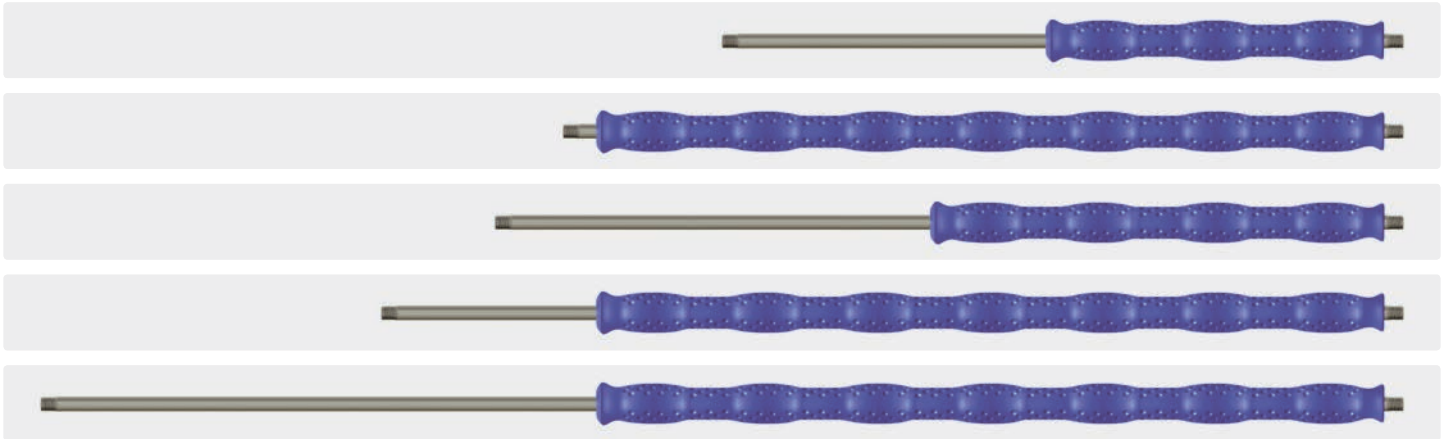
R+M Nr.	☺	↔	☺	M	R+M Nr.
203 600 444	1/4" F NPT	500 mm	plug ST-45	stainless steel	



Plug ST-45. Lance with grip for rotating nozzles with 1/4" F without rotating nozzle. Max. 600 bar / 150 °C

R+M Nr.	☺	↔	☺	M	R+M Nr.
203 600 441	1/4" M	800 mm	plug ST-45	stainless steel	

easywash365+ lances by Suttner



Stainless steel. Lance with moulded handle Cool & Compact. Max. 400 bar / 150 °C

R+M Nr.	ISO	☉	☿	☺
200 129 306	300 mm	1/4" M	600 mm	1/4" M
200 129 707	700 mm	1/4" M	740 mm	1/4" M
200 129 408	400 mm	1/4" M	800 mm	1/4" M
200 129 709	700 mm	1/4" M	900 mm	1/4" M
200 129 712	700 mm	1/4" M	1,200 mm	1/4" M



Stainless steel. Lance with moulded handle. Max. 400 bar / 150 °C

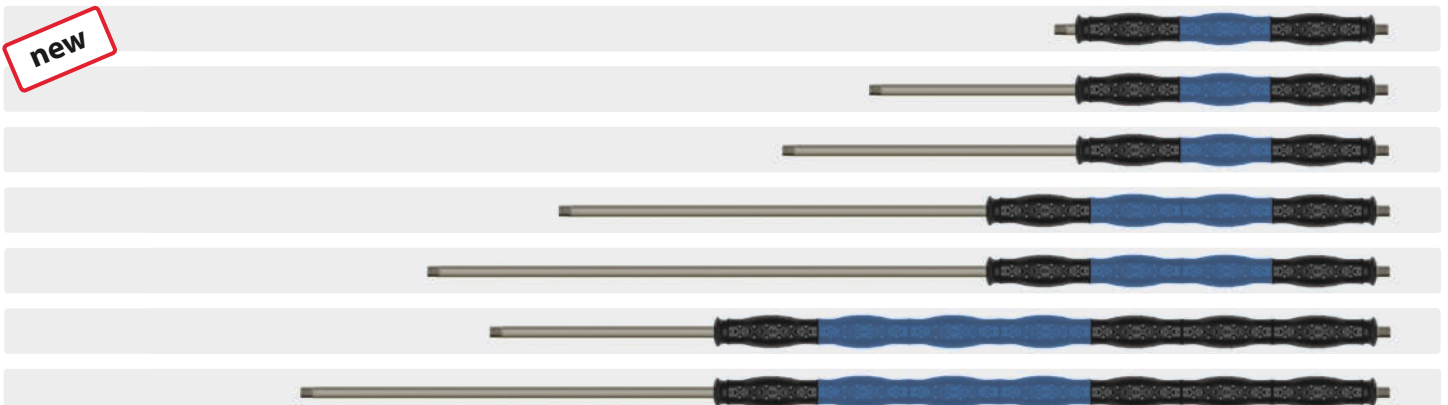
R+M Nr.	ISO	☉	☿	☺
200 029 709	700 mm	1/4" M	900 mm	1/4" M



Stainless steel. Lance with moulded handle. Max. 400 bar / 150 °C

R+M Nr.	ISO	☉	☿	☺
200 029 712	700 mm	1/4" M	1,200 mm	1/4" M

easyturn ST-9.7 – colored lances by Suttner

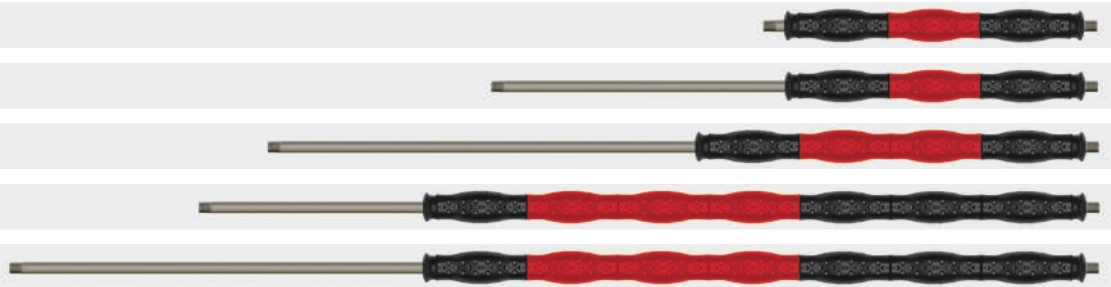


R+M Nr.	blue	ISO	☉	☿	☺
510 033 100 100	■ ■ ■	330 mm	1/4" M	370 mm	1/4" M
510 053 100 100	■ ■ ■	330 mm	1/4" M	500 mm	1/4" M
510 063 100 100	■ ■ ■	330 mm	1/4" M	600 mm	1/4" M
510 074 100 200	■ ■ ■ ■	430 mm	1/4" M	700 mm	1/4" M
510 104 100 200	■ ■ ■ ■	430 mm	1/4" M	1,000 mm	1/4" M
510 097 100 500	■ ■ ■ ■ ■ ■ ■ ■	730 mm	1/4" M	900 mm	1/4" M
510 127 100 500	■ ■ ■ ■ ■ ■ ■ ■	730 mm	1/4" M	1,200 mm	1/4" M

Symbols ☺ inlet ☉ outlet ☿ length M material ISO insulation

easyturn ST-9.7 – colored lances by Suttner

new



R+m Nr.	red	ISO	⊗	↔	⊕
510 033 102 000	■ ■ ■	330 mm	1/4" M	370 mm	1/4" M
510 053 102 000	■ ■ ■	330 mm	1/4" M	500 mm	1/4" M
510 063 102 000	■ ■ ■	330 mm	1/4" M	600 mm	1/4" M
510 074 102 100	■ ■ ■ ■	430 mm	1/4" M	700 mm	1/4" M
510 104 102 100	■ ■ ■ ■	430 mm	1/4" M	1,000 mm	1/4" M
510 097 102 400	■ ■ ■ ■ ■ ■ ■ ■	730 mm	1/4" M	900 mm	1/4" M
510 127 102 400	■ ■ ■ ■ ■ ■ ■ ■	730 mm	1/4" M	1,200 mm	1/4" M



easyturn ST-9.4 – rotatable lances by Suttner

new



R+m Nr.	blue rotatable	ISO	⊗	↔	⊕
510 033 000 100 *	■ ■ ■	330 mm	1/4" M	370 mm	1/4" M
510 053 000 100 *	■ ■ ■	330 mm	1/4" M	500 mm	1/4" M
510 063 000 100 *	■ ■ ■	330 mm	1/4" M	600 mm	1/4" M
510 074 000 200 *	■ ■ ■ ■	430 mm	1/4" M	700 mm	1/4" M
510 104 000 200 *	■ ■ ■ ■	430 mm	1/4" M	1,000 mm	1/4" M
510 097 000 500 *	■ ■ ■ ■ ■ ■ ■ ■	730 mm	1/4" M	900 mm	1/4" M
510 127 000 500 *	■ ■ ■ ■ ■ ■ ■ ■	730 mm	1/4" M	1,200 mm	1/4" M

new



R+m Nr.	red rotatable	ISO	⊗	↔	⊕
510 033 002 000 *	■ ■ ■	330 mm	1/4" M	370 mm	1/4" M
510 053 002 000 *	■ ■ ■	330 mm	1/4" M	500 mm	1/4" M
510 063 002 000 *	■ ■ ■	330 mm	1/4" M	600 mm	1/4" M
510 074 002 100 *	■ ■ ■ ■	430 mm	1/4" M	700 mm	1/4" M
510 104 002 100 *	■ ■ ■ ■	430 mm	1/4" M	1,000 mm	1/4" M
510 097 002 400 *	■ ■ ■ ■ ■ ■ ■ ■	730 mm	1/4" M	900 mm	1/4" M
510 127 002 400 *	■ ■ ■ ■ ■ ■ ■ ■	730 mm	1/4" M	1,200 mm	1/4" M

* Utility model protection! easyturn ST-9.4 – lances are not available for the German market

easywash365+ lances by Suttner



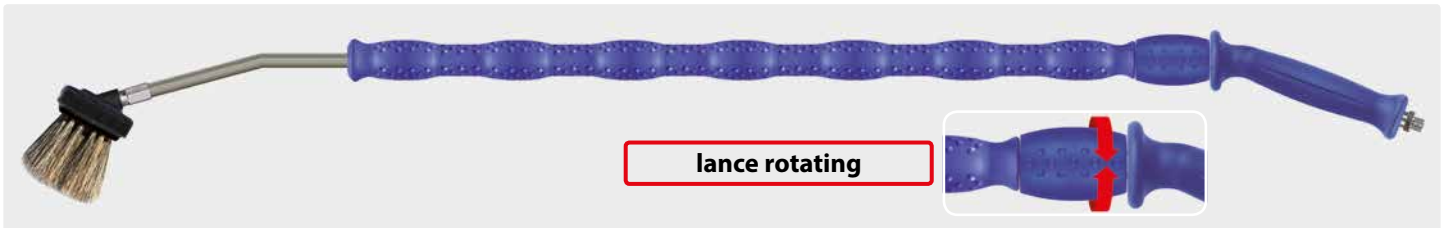
Stainless steel. Lance with **easywash365+** handle and nozzle protector ST-10 without nozzle. Max. 350 bar / 45 l/min / 150 °C

R+M Nr.	☺	☹	↔	Ⓒ
515 65	1/4" F NPT		500 mm	1/4" M



Lance with moulded handle Cool & Compact, **easywash365+** handle, air injector and wash brush (bristles 60 mm). Max. 50 °C

R+M Nr.	ISO	☺	↔	Ⓒ
200 009 670	700 mm	wash brush	900 mm	1/4" M
200 009 675	700 mm	wash brush	1,200 mm	1/4" M



lance rotating



Lance with moulded handle Cool & Compact, **easywash365+** handle, **easywash365+** lance swivel, air injector and wash brush (bristles 60 mm). Max. 50 °C

R+M Nr.	ISO	☺	↔	Ⓒ
200 009 673	700 mm	wash brush	900 mm	1/4" M
200 009 678	700 mm	wash brush	1,200 mm	1/4" M

Self-service lances



Self-service lances with brush longitudinal. Brush with nozzle protector for nozzle 1/8" M. Without high pressure nozzle

R+M Nr.	Ⓒ
523 960	1/8" M
523 961	1/4" M
523 962	M22 F long nipple
523 963	M22 M



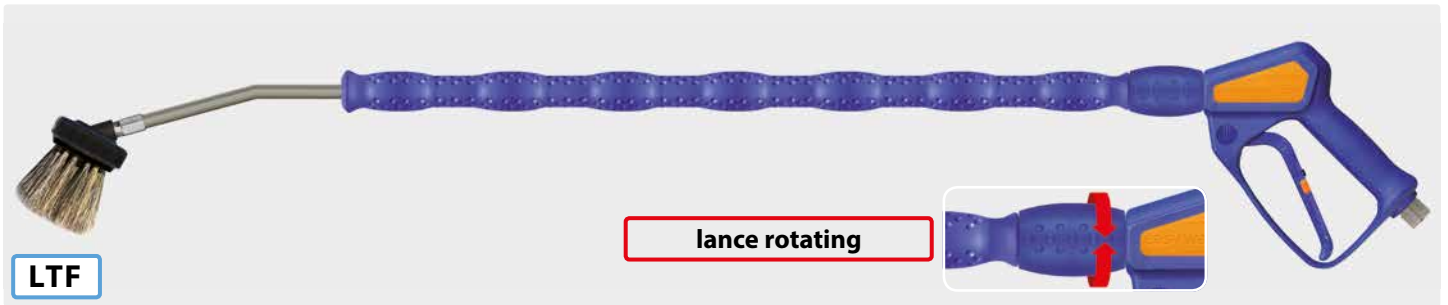
Original Vorwerk. Brush hog hair. A= 260. B= 230 x 80 mm.

R+M Nr.	C
523 72	60 mm

A = appr. width B = frame for brush C = appr. length of bristles

Symbols Ⓒ inlet ☺ outlet ↔ length ISO insulation

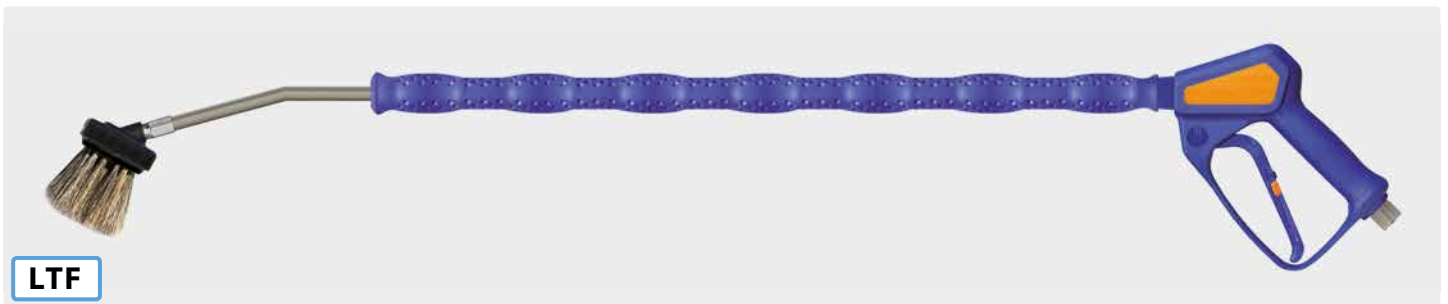
easywash365+ lances by Suttner



LTF

Lance with moulded handle Cool & Compact, easywash365+ spray gun, easywash365+ lance swivel, air injector and wash brush (bristles 60 mm). Max. 50 °C

R+M Nr.	spray gun	ISO	☺	↔	Ⓒ
202 600 957	standard	700 mm	wash brush	900 mm	3/8" F swivel
202 600 972	weep	700 mm	wash brush	900 mm	3/8" F swivel
202 600 987	freeze stop	700 mm	wash brush	900 mm	3/8" F swivel
202 600 962	standard	700 mm	wash brush	1,200 mm	3/8" F swivel
202 600 977	weep	700 mm	wash brush	1,200 mm	3/8" F swivel
202 600 993	freeze stop	700 mm	wash brush	1,200 mm	3/8" F swivel



LTF

Lance with moulded handle Cool & Compact, easywash365+ spray gun, air injector and wash brush (bristles 60 mm). Max. 50 °C

R+M Nr.	spray gun	ISO	☺	↔	Ⓒ
202 600 955	standard	700 mm	wash brush	900 mm	3/8" F swivel
202 600 970	weep	700 mm	wash brush	900 mm	3/8" F swivel
202 600 985	freeze stop	700 mm	wash brush	900 mm	3/8" F swivel
202 600 960	standard	700 mm	wash brush	1,200 mm	3/8" F swivel
202 600 975	weep	700 mm	wash brush	1,200 mm	3/8" F swivel
202 600 990	freeze stop	700 mm	wash brush	1,200 mm	3/8" F swivel

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



LTF

Lance with moulded handle Cool & Compact, easywash365+ spray gun and nozzle protector ST-10 without nozzle. Max. 310 bar / 150 °C

R+M Nr.	spray gun	ISO	☺	↔	Ⓒ
202 600 950	standard	300 mm	1/4" F NPT	600 mm	3/8" F swivel
202 600 966	weep	700 mm	1/4" F NPT	900 mm	3/8" F swivel
202 600 965	weep	300 mm	1/4" F NPT	600 mm	3/8" F swivel
202 600 980	freeze stop	300 mm	1/4" F NPT	600 mm	3/8" F swivel

Longcast lances



3/8" F. Stainless steel. Longcast lance 350 mm with vented handle ST-29 Cool & Compact 330 mm, gun ST-2300, grip aside and nozzle protector made out of plastic without nozzle. Max. 280 bar / 45 l/min / 100 °C

R+M Nr.		
200 078 510	nozzle protector without nozzle	3/8" F



1/2" F. Stainless steel. Longcast lance 350 mm with vented handle ST-29 Cool & Compact 330 mm, gun ST-2320, grip aside and nozzle protector made out of plastic without nozzle. Max. 150 bar / 80 l/min / 100 °C

R+M Nr.		
200 078 520	nozzle protector without nozzle	1/2" F



LTF

1/2" F. Stainless steel. Longcast lance 350 mm with vented handle ST-29 Cool & Compact 330 mm, gun easyfarm365+, grip aside and nozzle protector made out of plastic without nozzle. Max. 250 bar / 60 l/min / 100 °C

R+M Nr.		
200 078 530	nozzle protector without nozzle	1/2" F swivel



1/4" M. Stainless steel. Longcast lance 350 mm with vented handle ST-29 Cool & Compact 330 mm, grip aside and nozzle protector made out of plastic without nozzle. Max. 280 bar / 130 l/min / 100 °C

R+M Nr.		
200 078 500	nozzle protector without nozzle	1/4" M

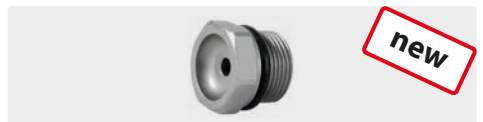
The longcast lance can be connected to a low pressure pump, to a high pressure pump, to the public water system or to the extinguishing water network.

The lance works in the medium pressure range. By means of its very good solidity, good handling and compactness the lance is especially suitable for the intensive use.

The lateral hand grip makes a stepless adjustment of the water jet during the operation possible. A long casting point jet or a progressive, conical spray jet can be set.

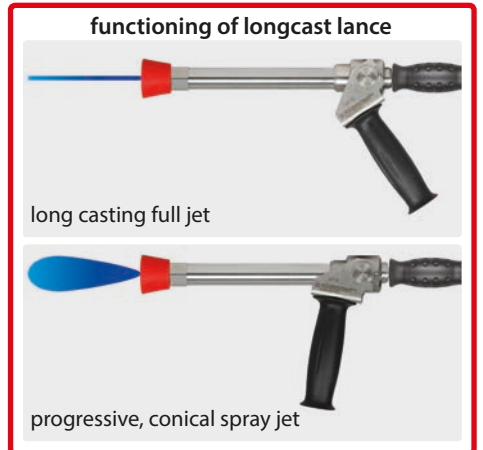
In order to realize ideal cleaning results the nozzle size needs to be adapted to the pump performance (pressure and water quantity).

Nozzles for longcast lances



M15x1 M. Stainless steel

R+M Nr.	D
200 078 412	1.2 mm
200 078 415	1.5 mm
200 078 420	2.0 mm
200 078 423	2.3 mm
200 078 425	2.5 mm
200 078 430	3.0 mm
200 078 435	3.5 mm



Twin and adjustable nozzle holder

ST-56 twin nozzle holder



R+M Nr.				
200 056 500	2 x 1/4" F	1/4" F		brass

ST-56 twin nozzle holder



R+M Nr.				
656 51	2 x 1/4" F	M18 F		

ST-52 Variopress



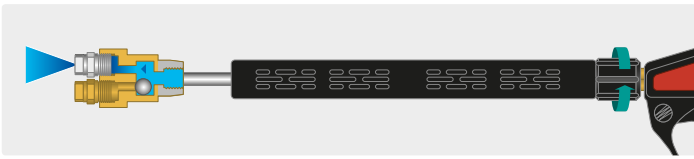
R+M Nr.				
200 052 500	1/4" F	1/4" F		

ST-58 change-over valves

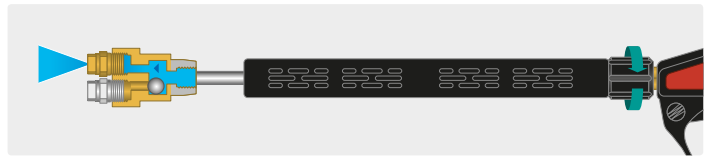


R+M Nr.				
200 058 600	1/4" F	1/4" F		

Functional principle of a twin nozzle holder

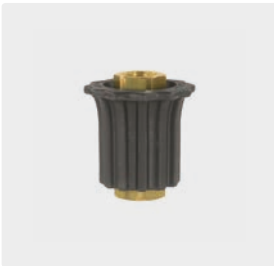


high pressure phase



low pressure phase

Mini adjustable nozzles



R+M Nr.				
657 20	1/4" F	1/4" F		

R+M adjustable nozzles



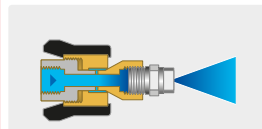
R+M Nr.				
657 30	1/4" F	1/4" F		

ST-51 adjustable nozzles

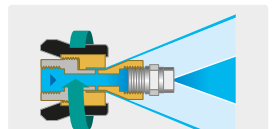


R+M Nr.				
200 051 530	1/4" F	1/4" F		

Functional principle of a adjustable nozzle



high pressure phase



low pressure phase

Complete lances

90° bended lances



Lance with nozzle protector ST-10 without hp nozzle. Height 190 mm

R+M Nr.				
515 01	1/4" F NPT	900 mm	M22 F	zinc-plated steel

WC / gutter lances



Lance with adjustable nozzle without high pressure nozzle

R+M Nr.				
513 112	1/4" F	500 mm	M22 F	zinc-plated steel

Symbols inlet outlet length ISO insulation nozzle

ST-330 swivel nozzle holder



Stainless steel.
Max. 310 bar / 45 l/min / 150 °C

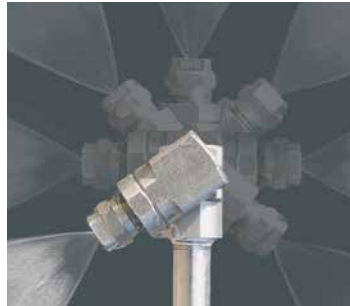
R+M Nr.	⊖	⊕
200 330 500	1/4" F NPT	1/4" F
200 330 510	1/4" F	1/4" M



Stainless steel.
Max. 310 bar / 45 l/min / 150 °C

R+M Nr.	⊖	⊕
200 330 600	tip nozzle	18 x 1.5 F

- » Swivel it easily!
- » Used for cleaning of places which are difficult to access such as container e.g. feeding troughs and gutters.
- » Effortless and variable shifting of the swivel direction.
- » Completely made out of stainless steel.
- » Capable of swivelling by up to 240°.



Pivotable nozzle holder



Düsenhalter schwenkbar. Stainless steel. Max. 250 bar / 40 l/min / 90 °C

R+M Nr.	⊖	⊕
519 814 140	1/4" F NPT	1/4" M NPT

Wall cleaner

turbodevil

with rubberlip

with brush strips

new

- » Rotating wall cleaner suitable for telescopic lances
- » Splash guard stainless steel with rubberlip or brush strips
- » Splash guard ⌀ 300 mm
- » Without nozzles. 2 nozzles 1/4" M with 15° spray angle are required
- » Max. 250 bar / 90 °C

R+M Nr.	⊕	TYP	⊞
521 032 251	M22 M	rubberlip	1,9 kg
521 032 254	M22 M	brush strips	1,9 kg
521 032 256	M18 F	K rubberlip	1,9 kg
521 032 255	M18 F	K brush strips	1,9 kg
521 032 258	1/4" F	rubberlip	1,9 kg
521 032 257	1/4" F	brush strips	1,9 kg

Belt support kit for telescopic lances

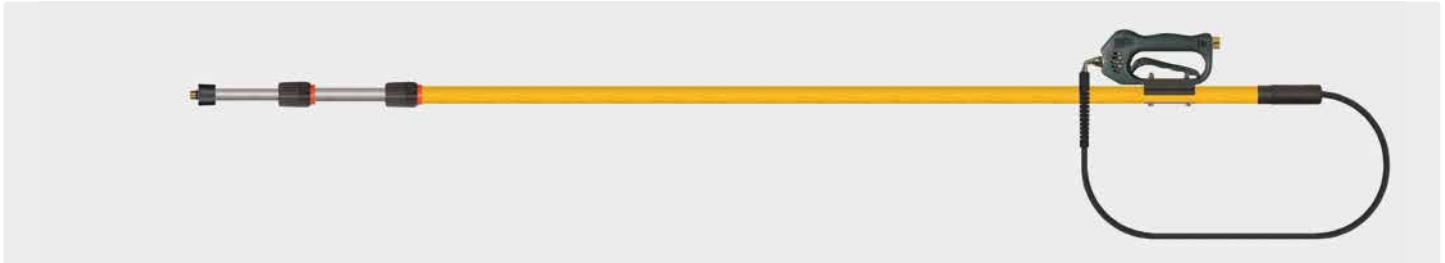


R+M Nr.
525 920

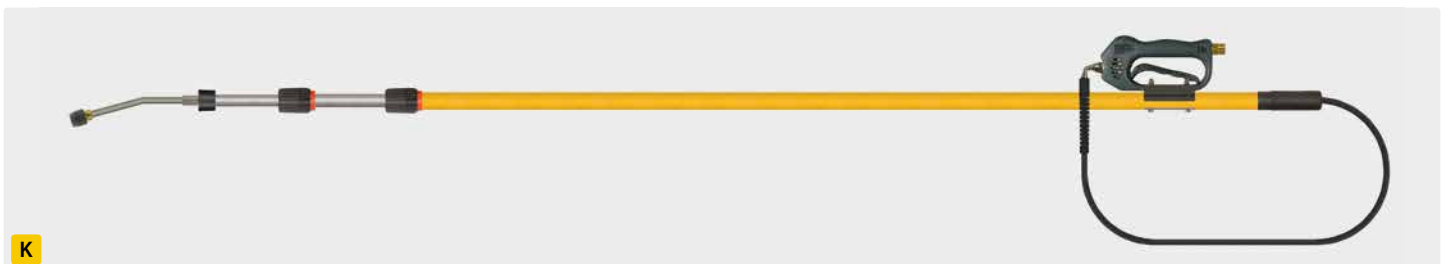
High pressure telescopic lances

- » Light and handy. Length easily adjustable. Adjustable from 2.3 m to 7.4 m.
- » Lance with embedded high pressure hose and mounted Suttner gun ST-601. Lance without high pressure nozzle.
- » Max. 275 bar / 100 °C

Our telescopic high pressure lances are up to 30 % lighter than comparable lances.

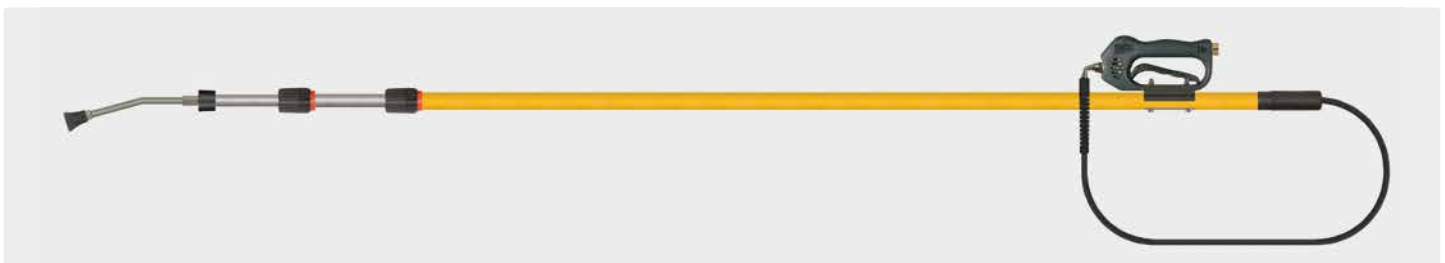


R+M Nr.	⊞	⊚	↔	⊕
525 070 8	2.4 kg	1/4" M	2.3 - 3.8 m	3/8" F
525 085 8	4.3 kg	1/4" M	2.3 - 5.6 m	3/8" F
525 100 8	5.4 kg	1/4" M	2.9 - 7.4 m	3/8" F



K

R+M Nr.	⊞	⊚	↔	⊕
525 070 1	2.6 kg	nozzle protector without tip	2.3 - 3.8 m	M22 M
525 085 1	4.5 kg	nozzle protector without tip	2.3 - 5.6 m	M22 M
525 100 1	5.6 kg	nozzle protector without tip	2.9 - 7.4 m	M22 M



R+M Nr.	⊞	⊚	↔	⊕
525 070 2	2.6 kg	nozzle protector ST-10 - 1/4" F NPT	2.3 - 3.8 m	3/8" F
525 085 2	4.5 kg	nozzle protector ST-10 - 1/4" F NPT	2.3 - 5.6 m	3/8" F
525 100 2	5.6 kg	nozzle protector ST-10 - 1/4" F NPT	2.9 - 7.4 m	3/8" F



Screw connections



R+M Nr.	525 901
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Telescopic lances are on page 33.

Symbols ⊚ outlet ⊕ inlet ↔ length ⊞ weight TYP type

Accessories and spare parts for lances and twin lances

Grips for lances



ST-022 / ST-027

R+M Nr.
200 009 950



ST-007

R+M Nr.
200 009 700



Lance 1/4"

R+M Nr.
200 009 600



Vented handle
ST-9

R+M Nr.
200 009 680

ST-53



Valve on top.
Max. 250 bar /
150 °C

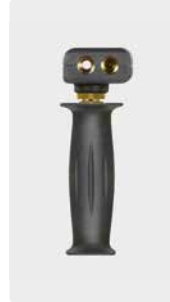
R+M Nr.
120 000 010



Repair kit ST-53

R+M Nr.
120 000 005

ST-54



Valve aside.
Max. 310 bar /
150 °C

R+M Nr.
200 054 492



Repair kit ST-54

R+M Nr.
200 054 450

ST-54



Valve.
Max. 310 bar /
150 °C

R+M Nr.
200 054 480

ST-154



Valve aside.
Max. 500 bar /
150 °C

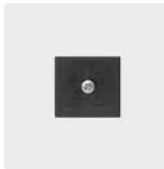
R+M Nr.
200 154 490



Repair kit ST-154

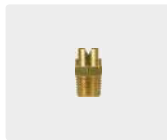
R+M Nr.
200 154 400

Space holder



R+M Nr.
517 00

Low pressure nozzle



1/4" M. Nozzle
40° 30. Brass

R+M Nr.
623 10

Lance holder

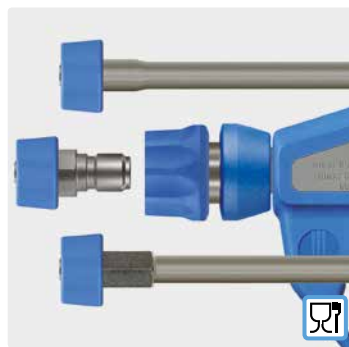


Wall mount for 3 lances 1/4"

R+M Nr.
020 000 970

Nozzle protector

Nozzle protector ST-11

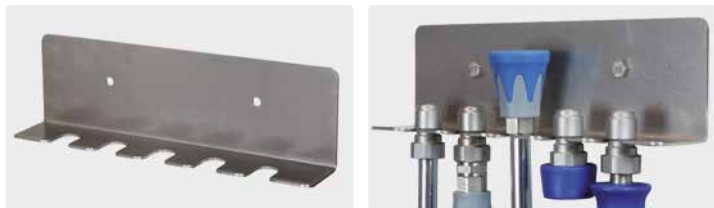


- » The nozzle protector ST-11 is suitable for nozzles 1/4" M.
- » Made out of plastics intended to come into contact with foodstuffs according to Regulation (EC) No. 1935/2004.
- » Especially designed for applications in the food industry.
- » It is clamped undetachably between the nozzle and the nozzle sleeve.

R+M Nr.	Ⓢ
020 001 124	white
020 001 149	blue
020 001 121	red
020 001 122	green

R+M Nr.	Ⓢ
020 001 123	yellow
020 001 157	grey
020 001 158	black

Lance holder



Stainless steel. Wall mount for 5 lances

R+M Nr.
040 003 830

Lance bender



Stainless steel. Lance bender for 1/4" M lances without nozzle protector

R+M Nr.
040 003 600

Nozzle protector and nozzle holder

2-component nozzle protector ST-10

The ST-10 is the ideal combination made out of hard and soft plastics. The nozzle protector is suitable for cold and hot water applications in the car wash, agriculture and food industry. The ST-10 is unimpeachable, protects your nozzles and preserves the surfaces to be cleaned at the same time. Suitable for nozzles 1/4" M NPT. Zinc-plated steel max. 400 bar. Stainless steel max. 500 bar

Plastic. Zinc-plated steel	Plastic. Zinc-plated steel	Plastic. Zinc-plated steel	Plastic. Zinc-plated steel	Plastic. Stainless steel	Plastic. Stainless steel		
R+M Nr. 200 010 500	R+M Nr. 200 010 510	R+M Nr. 200 010 520	R+M Nr. 200 010 530	R+M Nr. 200 010 770	R+M Nr. 200 010 760	For nozzles with filter. Plastic. Stainless steel.	For nozzles with filter. Plastic. Stainless steel.
Plastic. Stainless steel	Plastic. Stainless steel	Plastic. Stainless steel	Plastic. Stainless steel	Plastic. Stainless steel	Plastic. Stainless steel		
R+M Nr. 200 010 700	R+M Nr. 200 010 710	R+M Nr. 200 010 720	R+M Nr. 200 010 730	R+M Nr. 200 010 755	R+M Nr. 200 010 740	R+M Nr. 200 010 745	R+M Nr. 200 010 725

For nozzles 1/4" M NPT

ST-005. Plastic. Zinc-plated steel	ST-005. Plastic. Stainless steel	Rubber. Zinc-plated steel	Socket. Brass. Quadrangle	ST-12. Plastic. Zinc-plated steel	1/4" F NPT : 3/8" F. Stainless steel. Socket	Socket. Round. Stainless steel
R+M Nr. 200 000 003	R+M Nr. 200 000 008	R+M Nr. 519 05	R+M Nr. 518 00	R+M Nr. 200 012 500	R+M Nr. 710 101 350	R+M Nr. 040 004 100

For nozzles 1/8" M

ST-005. Plastic. Zinc-plated steel	Socket. Hexagon. Stainless steel	Socket. Plastic. For nozzle with hexagon 13 + 14	2-component nozzle protector ST-10. Plastic. Stainless steel
R+M Nr. 200 000 004	R+M Nr. 518 70	R+M Nr. 519 32	R+M Nr. 200 010 830

For tip nozzles

1/4" F : M18 M. Nozzle holder EG. Brass	O-ring. Nozzle holder EG	M18 F. Nozzle holder EG. Stainless steel	M18 F. Nozzle protector
R+M Nr. 010 000 043	R+M Nr. 790 25	R+M Nr. 040 000 041	R+M Nr. 519 60
1/4" F. Nozzle protector complete without nozzle tip.	1/4" F : M18 F. Adaptor. Brass	1/4" M : M18 F. Adaptor 2 pieces	3/8" M : M18 F. Adaptor. Stainless steel
R+M Nr. 519 601	R+M Nr. 519 40	R+M Nr. 519 70	R+M Nr. 040 001 125

Adaptor 500 bar lances

	1/4" M : M20 F. Stainless steel
R+M Nr. 519 714 209	

Nozzle protector

	Rubber
R+M Nr. 519 35	

Symbols colour

Nozzle protector and nozzle holder

For hydroblade®



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

M20x1 F.
Nozzle protector.
Brass

R+M Nr.
200 088 125

R+M Nr.
020 000 085

Gun extensions



1/4" M. Lance with insulation ST-28 Cool & Compact.
Max. 400 bar / 150 °C

R+M Nr.	☺	ISO	↔	M
200 028 303	1/4" M	300 mm	330 mm	zinc-plated steel



1/4" M. Lance with insulation ST-9.9 and M22 F.
Max. 400 bar / 150 °C

R+M Nr.	☺	↔	M
200 009 945	M22 F	370 mm	zinc-plated steel



1/4" M. Lance with insulation ST-29 Cool & Compact.
Max. 400 bar / 150 °C

R+M Nr.	☺	ISO	↔	M
200 029 303	1/4" M	300 mm	330 mm	stainless steel



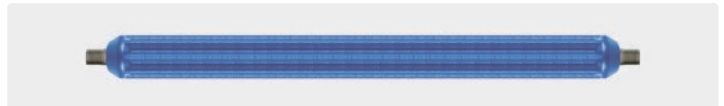
1/4" M. Lance with insulation ST-9.9 and M22 F.
Max. 400 bar / 150 °C

R+M Nr.	☺	↔	M
200 009 940	M22 F	370 mm	zinc-plated steel



1/4" M. Lance with insulation ST-9.1 and M22 F.
Max. 400 bar / 150 °C

R+M Nr.	☺	↔	M
200 009 730	M22 F	350 mm	stainless steel
200 009 731	M22 F	350 mm	zinc-plated steel



1/4" M. Lance with moulded handle.
Max. 400 bar / 150 °C

R+M Nr.	☺	ISO	↔	M
070 004 340	1/4" M	400 mm	440 mm	stainless steel



1/4" M. Lance with insulation ST-9.1 and coupling KW.
Max. 400 bar / 150 °C

R+M Nr.	☺	↔	M
200 009 750	coupling KW	260 mm	stainless steel



1/4" M. Lance with moulded handle.
Max. 400 bar / 150 °C

R+M Nr.	☺	ISO	↔	M
070 000 330	1/4" M	300 mm	330 mm	zinc-plated steel
070 000 240	1/4" M	400 mm	440 mm	zinc-plated steel



1/4" M. Lance with insulation and M22 F.
Max. 400 bar / 150 °C

R+M Nr.	☺	↔	M
202 300 400	M22 F	340 mm	zinc-plated steel



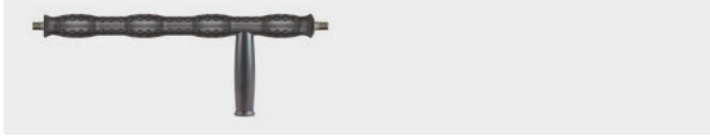
1/4" M. Lance with moulded handle.
Max. 400 bar / 150 °C

R+M Nr.	☺	ISO	↔	M
070 003 229	1/4" M	300 mm	330 mm	stainless steel

Gun extensions with handle

new

1/4" M. Lance with handle and insulation ST-28.2/ST-29.2 Cool & Compact. Max. 400 bar / 150 °C



R+M Nr.		ISO		M
200 028 204	1/4" M	400 mm	430 mm	zinc-plated
200 029 204	1/4" M	400 mm	430 mm	stainless steel

R+M Nr.		ISO		M
200 028 210	1/4" M	400 mm	1,000 mm	zinc-plated
200 029 210	1/4" M	400 mm	1,000 mm	stainless steel

Insulations for lances

Insulations ST-9.9



Insulation 330 mm. Suitable for 1/4" lances. Max. 150 °C

R+M Nr.
200 009 935



Insulation 330 mm. Suitable for 1/4" lances. Max. 150 °C

R+M Nr.
200 009 936

Vented handles ST-9



Vented handle 380 mm. Suitable for 1/4" lances. Max. 150 °C

R+M Nr.
200 009 510

Adapter for lances



new

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

R+M Nr.
565 686

Symbols outlet insulation length material

Twin lances

Lance with stainless steel valve ST-53.2 on top



1/4" F. Lance with valve ST-53.2 on top and nozzle protector ST-10 with low pressure nozzle.
Max. 400 bar / 150 °C

R+M Nr.	☺	ISO	↔	M
517 053 605	1/4" F NPT	-	650 mm	stainless steel

R+M Nr.	☺	ISO	↔	M



M22 M. Lance with valve ST-53.2 on top and nozzle protector ST-10 with low pressure nozzle.
Max.400 bar / 150 °C

R+M Nr.	☺	ISO	↔	M
517 053 610	1/4" F NPT	-	650 mm	stainless steel

R+M Nr.	☺	ISO	↔	M



1/4" M. Lance with moulded handle ST-29 Cool & Compact, valve ST-53.2 on top and nozzle protector ST-10 with low pressure nozzle & thread 1/4" F.
Max. 400 bar / 150 °C

R+M Nr.	☺	ISO	↔	M
517 053 600	1/4" F NPT	300 mm	980 mm	stainless steel

R+M Nr.	☺	ISO	↔	M



Plug KW. Lance with moulded handle ST-29 Cool & Compact, valve ST-53.2 on top and nozzle protector ST-10 with low pressure nozzle & thread 1/4" F.
Max. 400 bar / 150 °C

R+M Nr.	☺	ISO	↔	M
517 053 630	1/4" F NPT	300 mm	980 mm	stainless steel

R+M Nr.	☺	ISO	↔	M

Rep. Kit ST-53.2



Stainless steel

R+M Nr.
517 053 450

Symbols ☺ outlet ↔ length M material ISO insulation