

**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