



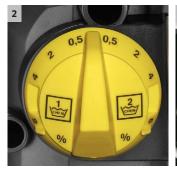
# HD 7/11-4 M Plus

Cold-water pressure washer with tough 4-pole single-phase motor and high water flow.









# 1 Save energy and time: EASY!Force high-pressure guns and EASY!Lock quick-release locks.

- At last work without getting tired: the EASY!Force high-pressure gun.
- EASY!Lock quick-release locks: durable and robust. And five times faster than screws.
- 2 Switch-CHEM
- For accurate and variable cleaning agent dosing.
- 2-way dosing valve for cleaning agent changeover.



#### 3 Powerful and durable

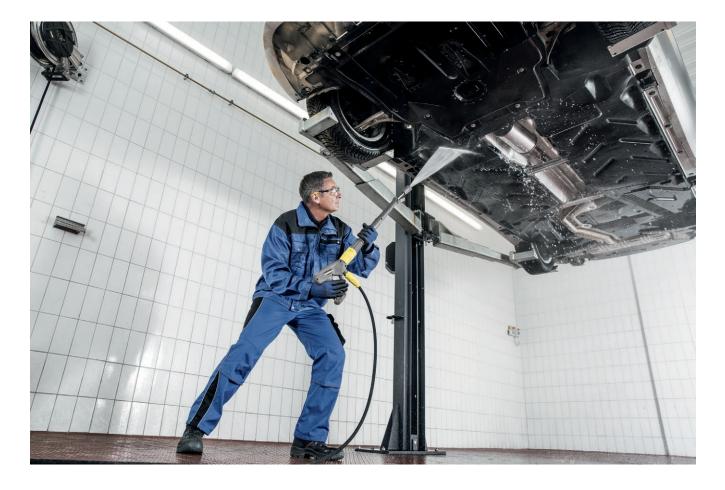
- Air-water-cooled electric motors for intensive use.
- 4-pole low-speed electric motor.

#### 4 Outstanding mobility

- Large wheels for uneven surfaces.
- Upright design for easy, ergonomic transport.

# **TECHNICAL DATA AND EQUIPMENT.**

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#### HD 7/11-4 M Plus

■ 4-pole AC motor

Save energy and time: EASY!Force high-pressure guns and EASY!Lock

quick-release locks.
Switch-CHEM dosing

524-908.0 054278163659 / 240 / 50 00 - 700
054278163659 / 240 / 50 00 - 700
/ 240 / 50 00 - 700
00 - 700
0 - 110 / 3 - 11
30 / 13
o to 60
4,3
54 × 509 × 1000
3

Equipment		
Trigger gun		EASY!Force
High-pressure hose	m	10
Spray lance	mm	1050
Triple nozzle (0°/25°/40°)		Manual
ANTI!Twist		I Contraction of the second seco
Pressure switch control		I contraction of the second seco
Servo Control		-
Included in delivery		

Included in delivery.

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		Order Number	ID	Max. working pressure	Length	Price	Description	
Standard with unions on both sides	;	1			<u> </u>			
High-pressure hose, 10 m DN 8, AVS trigger gun connector	1	6.110-031.0	ID 8	315 bar	10 m		10 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 8/155°C/315 bar.	
High-pressure hose, 15 m DN 8, AVS trigger gun connector	2	6.110-030.0	ID 8	315 bar	15 m		15 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manu al coupling. Further data: DN 8/155°C/315 bar.	
High-pressure hose, 20 m DN 8, AVS trigger gun connector	3	6.110-032.0	ID 8	315 bar	20 m		20 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 8/155°C/315 bar.	
High-pressure hose, 30 m DN 8, including rotary coupling	4	6.110-014.0	ID 8	315 bar	30 m		With rotary coupling, 2 x M 22 x 1.5	
High-pressure hose, 15 m DN 10, 220 bar, extension	5	6.110-042.0	ID 10	220 bar	15 m		15 m high-pressure hose M 22 x 1.5) with kink protection and threaded couplings at both ends. Further data: DN 10/155°C/220 bar.	
High-pressure hose, 20 m DN 10, 220 bar, extension	6	6.110-043.0	ID 10	220 bar	20 m		with union on both sides, M 22 x 1.5 with anti-kink protection. NW 10/155°C/220 bar	
High-pressure hose, 25 m DN 10, extension, not rotatable	7	6.110-044.0	ID 10	220 bar	25 m		_	
Hose assembly premium DN10 22MPa 40m	8	6.110-045.0	ID 10	220 bar	40 m			
Hose assembly premium DN12 21MPa 15m	9	6.110-059.0	ID 12	210 bar	15 m		High-pressure hose for water volumes greater than 1,800 l h. With union on both sides. $2 \times M 22 \times 1.5$ with anti-kink	/
Hose assembly premium DN12 21MPa 40m	10	6.110-060.0	ID 12	210 bar	40 m		protection.	
Hose assembly TR DN10 22MPa 10m	11	6.110-041.0	ID 10	220 bar	10 m			
High-pressure hose, 10 m DN 6, AVS trigger gun connector	12 13	6.110-035.0 6.110-034.0	ID 6 ID 6	250 bar 250 bar	10 m 10 m		10 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 6/155°C/250 bar.	- H
High-pressure hose, 10 m, DN 6, 300 bar, AVS trigger gun connec- tion	14	6.110-056.0	ID 6	300 bar	10 m		With patented AVS connection in the trigger gun (pivot- mounted) and hand screw union. M 22 x 1.5 with anti-kink protection. NW 6/155°C/300 bar	
Longlife 400 with unions on both si	ides							
High-pressure hose Longlife 400, 30 m DN 8, including rotary coup- ling	15	6.110-023.0	ID 8	400 bar	30 m		With rotary coupling, 2 x M 22 x 1.5	
High-pressure hose Longlife 400, 20 m, DN 8, extension	16	6.110-027.0	ID 8	400 bar	20 m		with rotary coupling, 2 x M 22 x 1.5	
High-pressure hose Longlife 400, 15 m, DN 8, including rotary coup- ling	17	6.110-029.0	ID 8	400 bar	15 m		With rotary coupling, 2 x M 22 x 1.5	
High-pressure hose 1.5 m, DN 8, including connectors	18	6.110-024.0	ID 8	400 bar	1,5 m		1.5 m high-pressure hose (DN 8, M 22 x 1.5) with kink pro- tection and connectors at both ends. For connecting to hose reels with appropriate connector (M 22 x 1.5).	
Longlife 400 high-pressure hose, 1 x EASY!Lock, 1 x M22 x 1.5, DN 8, 400 bar, 1.5 m	19	6.110-069.0	ID 8	400 bar	1,5 m		High-pressure hose (ID 8) with double steel reinforcement, 1.5 m long, suitable for up to 400 bar pressure. Connectors: M 22 × 1.5, quick and convenient EASY!Lock hand screw connection.	
High-pressure hose packaged	20	6.110-038.0	ID 8	400 bar	10 m		Durable, 10 m long high-pressure hose (ID 8) with double steel reinforcement and EASY!Lock hand screw connection at both ends and ANTI!Twist. Approved for 400 bar pressu- re.	

 $\blacksquare$  Included in delivery.  $\hfill\square$  Available accessories.  $\hfill\blacksquare$  Extension hose.



		Order Number	ID	Max. working pressure	Length	Price	Description
Food industry version with unions	on bot	h sides					
High-pressure hose, 10 m ID 8, suitable for food industry, extensi- on piece	21	6.110-051.0	ID 8	250 bar	10 m		10 m high-pressure hose (DN 8) with patented (rotating) AVS trigger gun connector. Non-discolouring outer layer for use in the food industry. M 22 x 1.5 with anti-kink sleeve.
High-pressure hose, 20 m ID 8, suitable for food industry, extensi- on piece	22	6.110-052.0	ID 8	250 bar	20 m		20 m high-pressure hose (DN 8) with swivel coupling. Non- discolouring outer layer for use in the food industry. Con- nectors at both ends, M 22 x 1.5, with kink protection. NW 8/155°C/250 bar.
High-pressure hose 15 m ID 6, AVS trigger gun connector 11 mm, suitable for food industry, grey	23	6.110-063.0	ID 6	250 bar	15 m		15 m high-pressure hose (DN 6) with patented (rotating) AVS trigger gun connector. Non-discolouring outer layer for use in the food industry. DN 6/155°C/250 bar.
Longlife food industry version with	unior	ns on both sides					
High pressure hose food DN 8 / 10 m	24	6.110-053.0	ID 8	400 bar	10 m		Longlife HP hose for use in the food industry. Außende- cke## animal-grease-resistant, non-colour-bleeding materi- al. With rotary coupling, 2 x M 22 x 1,5
HIgh-pressure hose Longlife 400, 15 m, ID 6, AVS trigger gun con- nection	25	6.110-054.0	ID 8	400 bar	20 m		Longlife HP hose for use in the food industry. Außende- cke## animal-grease-resistant, non-colour-bleeding materi- al. With patented AVS connection in the pistol (pivot moun- ted)

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		Order Number	Flow Rate			Price	Description	
Trigger guns		1	1	I	 			
EASY!Force Advanced	1	4.118-005.0					Effortless, not energy-sapping: the EASY!Force high-pressure gun uses the recoil force of the high-pressure jet to reduce the holding force for the operator to zero.	
Conversion kit 1 from high pressu- re hose	2	4.111-050.0					A conversion kit which enables secure connection from an M22 hose onto our innovative EASY!Force trigger gun. The kit includes the EASY!Force Trigger gun, adaptors and lance.	
Conversion kit 2 from device	3	4.111-051.0					Provides all the parts required to utilise our EASY!Force technology even on our non-Easy!Force machines. Including adaptors, lance, Easy!Force trigger gun and hose.	
Conversion kit 3 only EASY!Force	4	4.111-052.0					A conversion kit for the EASY!Force gun, which includes the correct adaptors to conncect to the M22 style lance and hose.	
Servo Control							·	
Servo control	5	4.118-007.0	0 - 750 l/h				Servo control for water flow and pressure control (< 750 I/h) on trigger gun.	
Quick connect								
Quick-fitting pipe union coupler trapezo	6	2.115-000.0					For fast changes between different spray lances/accessories. Perfect for Kärcher spray unit, suitable for trigger gun/spray lance interface. With M 22 x 1.5 internal thread.	
Quick-fitting pipe union plug nipp- le tra	7	2.115-001.0					Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22 x 1.5 external thread.	

	Z	3			5	
8 9		10	1	11	 12	13 14
		Order Number	Max. working pressure	Length	Price	Description
Rotating spray lances 1050 mm lance, rotatable, ergono- mic	1	4.112-000.0	300 bar	1050 mm		1050 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360° under pressure.
Nozzle Light	2	2.680-002.0		125 mm		LED work light for assembly on EASY!Force spray lances, providing a clear view in poor lighting conditions ensuring controlled cleaning results.
Lance 250 mm, non-rotatable	3	4.112-027.0	300 bar	250 mm		600 mm stainless steel lance (manual coupling) with ergono- mic handle for ease of use and protection. Rotatable 360°
400 mm rotatable lance	4	4.112-024.0	300 bar	400 mm		400 mm stainless steel lance (manual coupling) with ergono- mic handle for ease of use and protection. Rotatable 360°

					providing a clear view in poor lighting conditions ensuring controlled cleaning results.
Lance 250 mm, non-rotatable	3	4.112-027.0	300 bar	250 mm	600 mm stainless steel lance (manual coupling) with ergono- mic handle for ease of use and protection. Rotatable 360° under pressure.
400 mm rotatable lance	4	4.112-024.0	300 bar	400 mm	400 mm stainless steel lance (manual coupling) with ergono- mic handle for ease of use and protection. Rotatable 360° □ under pressure.
Rotatable lance, 600 mm, ergono- mic	5	4.112-007.0	300 bar	600 mm	600 mm stainless steel lance (manual coupling) with ergono- mic handle for ease of use and protection. Rotatable 360° under pressure.
Lance 850 mm, rotatable, ergono- mic	6	4.112-006.0	300 bar	840 mm	850 mm stainless steel lance (manual coupling) with ergono- mic handle for ease of use and protection. Rotatable 360° under pressure.
Lance 1550 mm, rotatable, ergo- nomic	7	4.112-018.0	300 bar	1550 mm	1550 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360° under pressure.
Lance 2050 mm, rotatable, ergo- nomic	8	4.112-021.0	300 bar	2050 mm	2050 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360° under pressure.
Jet pipe extension TR 1000 mm	9	4.112-048.0	300 bar	1000 mm	Spray lance extension with EASY!Lock connection. Length 1000 mm.
Double lance					
Double lance 960 mm	10	2.112-016.0	310 bar	960 mm	960 mm double lance for variable pressure adjustment on handle at full water flow rate. Suitable for agricultural use ( e.g. stable cleaning).
Angular spray lance					
WC and gutter lance	11	4.112-029.0			Stainless steel lance WC and gutter with nozzle insert. Specially shaped for effective and hygienic cleaning of gutters and toilets.
Flexible spray lance					
Flexible lance 1050 mm	12	4.112-035.0	210 bar	1050 mm	1050 mm flexible lance with variable bend from 20° to 140°, ideal for cleaning difficult to reach areas, e.g. gutters.
Articulated joint TR 20	13	4.112-057.0	300 bar		For hard-to-reach areas: High-pressure articulated joint with infinite angle adjustment up to 120°. Simply attach directly to the spray lance of the pressure washer.
Telescopic spray lance					
Telescopic jet pipe	14	4.112-037.0	225 bar	5400 mm	Can be continuously extended from 1.8 to 5.4 m. For cleaning areas that are difficult to reach, such as ceilings or facades. With integrated HD trigger gun, M 22 x 1.5 connec- tion with rotary coupling. Connection for M 18 x 1.5 nozzles.
Restraint belt for telescopic jet pipe	15	6.373-987.0			Convenient strap for relief when working with the telesco- pic spray lance (6.394-690). The burden is optimally distri- buted on the body and longer periods of use are possible.
Gutter cleaner					
Gutter cleaning lance	16	2.112-015.0		960 mm	The lance is suited for cleaning of gutter systems. Because of the shape of the lance and the special nozzle the gutter can be cleaned without removing the cover plates.



		Order Number	Max. working pressure	Length		Price	Description	
Undercarriage spray lance					 		1	
Underbody lance	17	4.112-032.0		700 mm			Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.	
Additional handle								
Additional handle for EASY!Lock spray lances	18	4.321-380.0					Comfortable in every situation – the additional handle is easy to attach to the spray lance of our new EASY!Lock generation and makes work easier by allowing you to adjust your posture to suit the particular task.	



		Order Number	Max. working pressure	Nozzle size		Price	Description
Triple nozzles							
Triple nozzle 053	1	4.117-038.0	300 bar	53			Triple nozzle with manual nozzle changeover. Convenient spray adjustment. For high-pressure cleaners with injector; low-pressure fan jet for detergent removal and application. Connector M 18x1.5.



		Order Number	Nozzle size			Price	Description
HP nozzle spray angle 0°			1		 		
High-pressure nozzle spray angle °0	1	2.113-035.0	55				High-pressure nozzle with powerful jet for extremely stub- born dirt.
Power nozzle spray angle 15°							
Power nozzle spray angle 15°	2	2.113-047.0	55				Fan jet nozzle with 15° spray angle suitable for stubborn dirt.
Power nozzle spray angle 25°							
Power nozzle, spray angle 25°	3	2.113-025.0	55				Flat jet nozzle for large area performance and stubborn dirt.
Power nozzle spray angle 40°							
Power nozzle spray angle $40^{\circ}$	4	2.113-055.0	55				Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.
Power nozzle spray angle 40°		2.113-055.0 e accessories.	55	ose.			Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.

Included in delivery.  $\Box$  Available accessories.  $\blacktriangle$  Extension hose

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Perform         Provide service of the high and good the pressure divergent injector for high pressure 3         4 637-032.0         Perform pressure divergent injector for independent high and good pressure divergent injector for high pressure 3         4 637-032.0         Perform pressure divergent injector for high pressure 3 - 5 %           Machine-specific nozzle kit with order no. 3 637-100         Read in a service divergent injector for high pressure 3 - 5 %         Per HD 500. 700 I/h. Consists of nozzle insert + HP gow mozzle insert with order no. 3 637-001           Nozzle insert with order no. 3 637-001         Nozzle insert with order no. 3 637-001         Nozzle insert with order no. 3 637-001 for high-pressure data with a watch free with watch with a watch with a watch free with a watch free with a wat				5- 13		$ \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array} $	
Nozzie screws     1     4.112-011.0     Nozzie screws with protectors for high-pressure and pow nozzies       Petergent injector pur pressure Mithodi nozzies]     2     4.637-032.0     Detergent injector for independent high and low pressure dosage. Maintum dosage about 15%.       Detergent injector for high nozzies]     3     4.637-033.0     Cheaning agent dosage at high pressure 3 - 5 %.       Machine-specific nozzies kit with order no. 3.637-100     6     7.000 (/h. Consists of nozzie) insert for detergent injector 3.637-001 for high-pressure detergent injector for nabines       Nozzie insert for dorder no. 3.637     5     4.769-003.0     Nozzie insert for detergent injector 3.637-001 for high-pressure detergent up to 1100 /h.       Nozzie insert for dorder no. 3.637     5     4.769-001.0     For Ho Soo - 700 (/h. Consists of nozzie insert for high-pressure detergent injector 3.637-001 for high- pressure detergent injector 4.637-001 for high- pressure detergent injector 3.637-001 for high- for data screase is to nonecont 2.22 kit might pressure determine injectorgent determi			Order Number		Price	Description	
He detergent injector         Detergent injector for high and its independent high and low pressure injector for high pressure 3 - 5 %.           Detergent injector for high pressure 3         4.637-032.0         Cleaning agent docage about 15%.           Detergent injector for high pressure 3 - 5 %.         Cleaning agent docage about 15%.           Machine-specific nozzie kit with order no. 3637-00         For HD 500 - 700 //h. Consists of nozzie insert + HP pow inozzie insert for detergent injector 3.637-001 for high-pressure for machines in the docage about 15%.           Nozzie insert for dreft no. 3.637-001         Nozzie insert for dreft no. 3.637-001 //h. Consists of nozzie insert + HP pow inozie insert for detergent application. For high-pressure cleane with a water flow rate up to 1300 //h.           Nozzie insert for dreft no. 3.637-001.         Nozzie insert for dreft no. 3.637-001 //h. Consists of nozzie insert induces about 10.0 //h.           Nozzie insert for dreft no. 3.637-001.         Nozzie insert for detergent application. For high-pressure for machines in to 1.100 //h.           Up to 1300 //h.         HI 1001/h.         Nozzie insert for units rated up to 100 //h.           Rotary coupling         7         4.111-021.0         Karcher rotary coupling prevents twisting and kinking of high-pressure for set of use	lozzle union						
PHP detergent hjector       2       4.637-032.0       Detergent hjector for high and low pressur         Detergent injector for high nozzles       3       4.637-032.0       Detergent injector for high and low pressur         Detergent injector for high nozzle site with order no.3       3       4.637-033.0       Ceaning agent dosage about 15%.         Machine-specific nozzle kit with order no.3       3       4.637-033.0       For HD 500 - 700 I/h. Consists of nozzle insert + HP pow.         Nozzle insert for order No.3       5       4.769-003.0       Nozzle insert for detergent injector 3.637-001 for high-pressure detergent application. For high-pressure detergent for advice application. To high-pressure detergent high-pressure detergent application. For high-pressure detergent high-pressure detergent detergent injector 3.637-010         Rotary coupling       7       4.111-021.0       Karcher rotary coupling prevents twisting and kinding of high-pressure detergent pressure tria gent with moder the high-pressure detergent injector for connecting high-pressure detergent pressure tria gend with	lozzle screws	1	4.112-011.0			Nozzle screws with protectors for high-pressure and power	
Inv pressure (withbut notzets)         Image: Control of the pressure 3 in the pressure	P detergent injector					1022105	
Detergent injector for high pressure 3         3         4637-033.0         Cleaning agent dosage at high pressure 3 - 5 %.           Machine-specific nozzle kit with order no. 3537-00         For HD 500 - 700 I/h. Consists of nozzle insert + HP pow nozzle insert for detergent application. For high-pressure detergent application. For high-pressure for machines up to 1100 I/h.         For HD 500 - 700 I/h. Consists of nozzle insert + HP pow nozzle insert for detergent application. For high-pressure for application. For high-pressure houses for ease of use. Connector M 22 x 1.           Coupling         7         4 111-021.0         For HD 500 - 700 (h. Connector for connecting high-pressure detergent application. Connector M 22 x 1.           Coupling         8         4 111-022.0         For attach machine sure high pressure detergent application. Connector for connecting high-pressure the high pressure detergent application. Connector for connecting high-pressure detergent application. Connectors 1 x M 22 x 1		2	4.637-032.0			Detergent injector for independent high and low pressure	
re         Addime-specific nozile kit with order no. 3.637-00           Nazzle insert fragezoidal thread HD-GER         4         4769 005.0         FFH D 500 - 700 J/h. Consists of nozzle insert + HP pow nozzle insert with order no. 3.637-001           Nozzle insert for Order No. 3.637-001.         5         4769 003.0         Nozzle insert for detergent injector 3.637-001 for high- pressure detergent application. FGH high-pressure determed high pressure hoses. With nubber protection. Mozel is connector M 22 X 1. Mozel is connector /screw connector.           Coupler         4         4111-022.0         Nozel is connector /screw connector for connecting high-pressure high-pressure details to methy pressure details to methy high-pressure and is M 18 X 15.           Y distributor         10         4         4111-022.0         Nozel is connector /screw connector for connecting high-pressure details to methy high-pressure and is M 18 X 15.           Y distributor         10         4         <		3	4 637-033 0				_
Nazzle insert trapezoidal thread       4       4.769-005.0       Por HD 500 - 700 (h. Consists of nazzle insert + HP pow nozzle insert for Order No. 3.637-001         Nazzle insert for Order No. 3.637-001       5       4.769-003.0       Nozzle insert for Order No. 3.637-001 for high-pressure cleane up to 1100 (h. Low pressure for machines up to 1100 (h. Low pressure for machines up to 1100 (h. Low pressure for units rated up to 16.6       4.769-001.0       For Iow pressure with machines up to 1100 (h. Low pressure for units rated up to 10.0 (h. Lo			4.037 033.0				
H0-GER         Inozele isset for Order No. 3637-001         Nozele isset for Order No. 3637-001, high-pressure for machines up to 1100 /h         Nozele isset for Order No. 3637-001, for high-pressure detergent application. For high-pressure detergent up to 1100 /h           Low pressure for units rated up to 6         4.769-001.0         For Iow pressure with machines up to 1100 /h           Itol 00 /h         For Iow pressure for most stated up to 16         4.769-001.0         For Iow pressure with machines up to 1100 /h           Rotary coupling         7         4.111-021.0         Kärcher rotary coupling prevents twisting and kinking of high-pressure hoses for ease of use. Connector M 22 A 1.           Coupler - 2xM22x1.5         8         4.111-037.0         Brass double connector for connecting and extending high-pressure hoses. With nubber protection. Connector: 2x M X 1.5 m.           Nozzle connector/screw connector         9         4.111-022.0         Brass double connector for connecting singh-pressure hoses. With nubber protection. Connector: 2x M X 2.1 m.           Y distributor         10         4.111-024.0         Offers the option to connect fors: 1x M 22 A 1 and 1X M 18 X 15.           Adapter 1 M22AG-TR22AG         12         4.111-029.0         Adapter 2 to connect the old hoge with the new hose A the first pressure noze and accessories and accessory parts HP trigger gun (with nozzle screw). Not compatible with the new spray land and for M 24 X 1.5 m.           Adapter 1 M22AG-TR22AG         12         4.111-029.0         Adapter 3			1		1		
Nozzie insert with order no. 3.637-001         S         A 769-003.0         Nozzie insert for ofder no. 3.637-001 for high-pressure detergent application. For high-pressure horse. With rubber protection.           Coupling         7         4.111-037.0         Brass double connector for connecting high-pressure horse. With rubber protection. Connector. 2x M X X 15. m.           Connector         9         4.111-022.0         Nozzle connector/screw connector for connecting high-pressure norse is to the high pressure detergent application. Connection: 2x M X X 15. m.           Visitributor         10         4.111-024.0         Offers the application on the high-pressure norse is to the high-pressure norse is to the high pressure on the high-pressure norse is to the high pressure on the high-pressure norse is to the high pressure norse is to the high pressure nor gent with nozel connector/screw connector for connecting high-pressure norse is to the high pressure norse is to the high pressure norse is to the high pressure norse is dot accessory parts HP trigger non (with nozzle connec		4	4.769-005.0				
001.high-pressure for machines       pressure detergent application. For high-pressure cleaner with a water flow rate up to 1100 l/h.         100 L/h       For low pressure for units rated up to 1100 l/h.         Rotary coupling       7         Rotary coupling       7         Rotary coupling       7         Longler       Kärcher rotary coupling prevents twisting and kinking of high-pressure hoses for ease of use. Connector M 22 x 1. m. With grip protection.         Coupler       2xM22x1.5         8       4.111-037.0         Pressure with machines up to 11.00 l/h.         Nozzle connector/screw connector for connecting and extending high pressure hoses. With rubber protection. Connector: 2x M x 1.5 m.         Coupler       9         Visitributor       10         Visitributor       10         Y distributor       10         Adapter ASYLock       110         Adapter I M22AG-TR22AG       12         Adapter I M22AG-TR22AG       13         Adapter I M22AG-TR22AG       14         Adapter M22-Swivel       15         Adapter J M22AG-TR22AG       14         Adapter I M22AG-TR22AG       14         Adapter I M22AG-TR22AG       14         Adapter I M22AG-TR22AG       14         Adapter I M22AG-TR22AG       14		001					
Low pressure for units rated up to 1100 l/h64.769-001.0For low pressure with machines up to 1.100 l/hRotary coupling Rotary coupling74.11-021.0Karcher rotary coupling prevents twisting and kinking of high-pressure hoses for ease of use. Connector M 22 x 1 m. With grip protection.Coupler -2xM22x1.584.111-037.0Brass double connector for connecting and extending high- pressure hoses. With rubber protection. Connector: 2x M x 1.5 m.Coupler -2xM22x1.584.111-022.0Brass double connector for connecting and extending high- pressure hoses. With rubber protection. Connector: 2x M x 1.5 m.Coupler -2xM22x1.594.111-022.0Brass double connector for connecting high- pressure nozes and accessories to the high-pressure or iger gun (with nozzle connector). Connector: 1x M 22 x 1 and 1x M 18 x 1.5.Y distributor104.111-024.0Offers the option to connect two spray units to the mach installation on the high-pressure nozzles and accessory parts HP trigger gun (with nozzle connect or). Connectors: 1x M 22 x 1 and 1x M 18 x 1.5.Adapter I M22AG-TR22AG124.111-030.0Adapter 1 to connect the old hose with the new hose Adapter 2 to connect the old dowice with the new hose adapter 3 M22IG-TR22AGAdapter 5 TR22IG-M22AG154.111-031.0Adapter 2 to connect the new gun with the new spray land and new servo regulatorAdapter 5 TR22IG-M22AG164.111-031.0Adapter 4.11-031.0Adapter 5 TR22IG-M22AG174.111-032.0M22 x 1.5female and swivel connect for for suseage of telescopic lance with he old spray lance and new servo regulatorAdapter	01, high-pressure for machines	5	4.769-003.0			pressure detergent application. For high-pressure cleaners	
Rotary coupling       7       4.111-021.0       Karcher rotary coupling prevents twisting and kinking of high-pressure hoses for ease of use. Connector M 22 X 1. m. With grip protection.         Coupler       2XM22x1.5       8       4.111-037.0       Brass double connector for connecting and extending high-pressure hoses. With rubber protection. Connector: 2X M X 1.5 m.         Connector       Nozzle connector/screw connector       9       4.111-022.0       Nozzle connector/screw connector for connecting high-pressure nozzles and accessories to the high-pressure in accessory parts and at M 18 x 1.5.         Y distributor       10       4.111-024.0       Offers the option to connect two spray units to the mach accessory parts HP trigger gui (with nozzle screws). Not compatible with triple nozzles.         Adapter 1 M22AG-TR22AG       12       4.111-030.0       Adapter 1 to connect the old hose with the new hose and new servo regulator         Adapter 3 M22IG-TR22AG       14       4.111-031.0       Adapter 3 to connect the old gui with the new hose and new servo regulator or the old gui with the new hose and new servo regulator         Adapter 5 TR22IG-M22AG       16       4.111-033.0       M22 X 156male and swivel connection. For extension on high-pressure hose with AVS connection or for usage of the old spray lance         Adapter 5 TR22IG-M22AG       17       4.111-034	ow pressure for units rated up to	6	4.769-001.0				
Rotary coupling       7       4.11-021.0       Karcher rotary coupling prevents twisting and kinking of high-pressure hoses for ease of use. Connector M 22 x 1. m. With grip protection.         Coupling       Employed State of the state			<u> </u>				1-
Coupler -2xM22x1,5       8       4.111-037.0       Brass double connector for connecting and extending hig pressure hoses. With rubber protection. Connector: 2x M x 1.5 m.         Connector       Nozzle connector/screw connector       9       4.111-022.0       Nozzle connector/screw connector, connecting high-pressure triger gun (with nozzle connector). Connectors: 1x M 22 x 1 and 1x M 18 x 1.5.         Y distributor       10       4.111-024.0       Offers the option to connect two spray units to the mach installation on the high pressure nozzles and accessory parts the rubper pressure hor installation on the high pressure nozzles and accessory parts the rubper nozzles.         Adapter FASYLock       Adapter 1 M22AG-TR22AG       12       4.111-031.0       Adapter 2 to connect the old hose with the new hose a the old gun with the new spray land and new servo regulator         Adapter 5 TR22IG-M22AG       16       4.111-031.0       M22 x 1.5female and swivel connection. For extension o high-pressure hose with AVS connection.         Adapter 5 TR22IG-M22AG       16       4.111-032.0       M22 x 1.5female and swivel connection for syna y and and new servo regulator         Adapter 5 TR22IG-M22AG       16       4.111-033.0       M22 x 1.5female and swivel connection for usage of telescopic lance with the old spray lance and new servo regulator         Adapter 5 TR22IG-M22AG       16       4.111-033.0       M22 x 1.5femal		7	4.111-021.0			Kårcher rotary coupling prevents twisting and kinking of high-pressure hoses for ease of use. Connector M 22 x 1.5 m. With grip protection.	
ConnectorNozzle connector/screw connector94.11-022.0Nozzle connector/screw connector/screw connector for connecting high-pressure nozzles and accessories to the high-pressure triger gun (with nozzle connector). Connectors: 1 x N 2 x 1 and 1 x M 18 x 1.5.Y distributor104.111-024.0Offers the option to connect two spray units to the mach installation on the high pressure nozzles and accessory partsShort spray unit114.111-038.0For attaching high-pressure nozzles and accessory partsAdapter EASYLockAdapter 1 M22AG-TR22AG124.111-030.0Adapter 3 M22IG-TR22AG144.111-031.0Adapter 3 to connect the old gun with the new hose a the old gun with the new spray land and new servo regulator.Adapter 5 TR22IG-M22AG164.111-033.0M22A 1.5 for used with 40% connection. For extension of high-pressure hose with AVS connection or for usage of telescopic lance with a high-pressure hose with AVS connection or for usage of telescopic lance with a high-pressure hose with AVS connection or for usage of telescopic lance with a high-pressure hose with AVS connection or for usage of telescopic lance with a high-pressure hose with AVS connection or for usage of telescopic lance with a high-pressure hose with AVS connection or for usage of telescopic lance with a high-pressure hose with AVS connection or for usage of telescopic lance with the old spray lance with the old hose and how due to connect the end device with the old hose and high-pressure hose with AVS connection or for usage of telescopic lance with a high-pressure hose with AVS connection or for usage of telescopic lance with a high-pressure hose with AVS connection or for usage of telescopic lance with the old spray lance with the old hose and high pressure hose with the old spray lance with the new devic	oupling					1	
Nozzle connector/screw connector94.111-022.0Nozzle connector/screw connector for connecting high-pressure nozzles and accessories to the high-pressure tri ger gun (with nozzle connector). Connectors: 1x M 22 x 1 and 1x M 18 x 15.Y distributor104.111-024.000001011 x M 18 x 15.Short spray unit114.111-038.040For attaching high-pressure nozzles and accessory parts HP trigger gun (with nozzle screws). Not compatible with triple nozzles.Adapter EASYLockAdapter 1 M22AG-TR22AG124.111-030.0Adapter 1 to connect the old hose with the new hose a the old gun with the new hoseAdapter 3 M22IG-TR22AG134.111-031.0Adapter 2 to connect the old gun with the new spray land and new servo regulatorAdapter 4 M22 - Swivel154.111-032.0M22 x 1.5female and swivel connection. For extension of high-pressure hose with AVS connection or for usage of telescopic lance with a high-pressure hose with AVS connection. For extension of high-pressure hose with AVS connection or for usage of telescopic lance with a high-pressure hose with AVS connection.Adapter 5 TR22IG-M22AG164.111-033.0Adapter 5 to connect the new gun with the old spray lance and new servor regulator with he old spray lance and hew servor regulator with he old spray lance and hew servor regulator with he old spray lanceAdapter 6 TR22IG-M22AG164.111-034.0Adapter 7 to connect the new gun with the old spray lance and hew servor regulator with he old spray lance and hew servor regulator with he new device with the new hose a the old hose with he new device with he old spray lanceAdapt		8	4.111-037.0			Brass double connector for connecting and extending high- pressure hoses. With rubber protection. Connector: 2x M 22 x 1.5 m.	
Y distributor104.111-024.0Offers the option to connect two spray units to the mach Installation on the high pressure outlet.Short spray unit114.111-038.0For attaching high-pressure nozzles and accessory parts HP trigger gun (with nozzle screws). Not compatible with triple nozzles.Adapter 1 M22AG-TR22AG124.111-029.0Adapter 1 to connect the old hose with the new hoseAdapter 2 M22IG-TR22AG134.111-030.0Adapter 2 to connect the old device with the new hose a the old gun with the new hoseAdapter 3 M22IG-TR22AG144.111-031.0Adapter 3 to connect the old gun with the new spray land and new servo regulatorAdapter 5 TR22IG-M22AG164.111-032.0M22 x 1,5female and swivel connection. For extension of high-pressure hoses with AVS connect 		9	4.111-022.0			pressure nozzles and accessories to the high-pressure trigger gun (with nozzle connector). Connectors: $1 \times M 22 \times 1.5$	
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Adapter EASYILock         Adapter 1 M22AG-TR22AG       12       4.111-029.0       Adapter 1 to connect the old hose with the new hose         Adapter 2 M22IG-TR22AG       13       4.111-030.0       Adapter 2 to connect the old device with the new hose a the old gun with the new hose         Adapter 3 M22IG-TR22AG       14       4.111-031.0       Adapter 3 to connect the old gun with the new spray land and new servo regulator         Adapter M22 - Swivel       15       4.111-032.0       M22 x 1.5female and swivel connection. For extension of high-pressure hoses with AVS connection or for usage of telescopic lance with a high-pressure hose with AVS connection.         Adapter 5 TR22IG-M22AG       16       4.111-033.0       Adapter 5 TR22IG-M22AG       17         Adapter 6 TR22IG-M22AG       17       4.111-034.0       Adapter 6 to connect the new device with the old hose a the old hose with the new gun         Adapter 7 M18IG-TR20AG       18       4.111-035.0       Adapter 7 to connect the old spray lance with the new for the new gun	hort spray unit	11	4.111-038.0			For attaching high-pressure nozzles and accessory parts to HP trigger gun (with nozzle screws). Not compatible with	
Adapter 1 M22AG-TR22AG124.111-029.0Adapter 1 to connect the old hose with the new hoseAdapter 2 M22IG-TR22AG134.111-030.0Adapter 2 to connect the old device with the new hose a the old gun with the new hoseAdapter 3 M22IG-TR22AG144.111-031.0Adapter 3 to connect the old gun with the new spray land and new servo regulatorAdapter M22 - Swivel154.111-032.0M22 x 1,5female and swivel connection. For extension of high-pressure hoses with AVS connection or for usage of 	dapter EASY!Lock				1	I triple nozzles.	
Adapter 3 M22IG-TR22AG144.111-031.0Adapter 3 to connect the old gun with the new spray land and new servo regulatorAdapter M22 - Swivel154.111-032.0M22 x 1,5female and swivel connection. For extension of high-pressure hoses with AVS connection or for usage of telescopic lance with a high-pressure hose with AVS connection. For extension or high-pressure hoses with AVS connection or for usage of telescopic lance with a high-pressure hose with AVS connection.Adapter 5 TR22IG-M22AG164.111-033.0Adapter 5 to connect the new gun with the old spray lance and new servo regulator with the old spray lanceAdapter 6 TR22IG-M22AG174.111-034.0Adapter 5 to connect the new device with the old hose a the old hose with the new gunAdapter 7 M18IG-TR20AG184.111-035.0Adapter 7 to connect the old spray lance with the new gun	-	12	4.111-029.0			Adapter 1 to connect the old hose with the new hose	
Adapter 3 M22IG-TR22AG144.111-031.0Adapter 3 to connect the old gun with the new spray land and new servo regulatorAdapter M22 - Swivel154.111-032.0M22 x 1,5female and swivel connection. For extension of high-pressure hoses with AVS connection or for usage of telescopic lance with a high-pressure hose with AVS connect the old spray land and new servo regulatorAdapter 5 TR22IG-M22AG164.111-033.0Adapter 5 to connect the new gun with the old spray lance and new servo regulator with the old spray lanceAdapter 6 TR22IG-M22AG174.111-034.0Adapter 5 to connect the new device with the old hose a the old hose with the new gunAdapter 7 M18IG-TR20AG184.111-035.0Adapter 7 to connect the old spray lance with the new	dapter 2 M22IG-TR22AG	13	4.111-030.0			Adapter 2 to connect the old device with the new hose and	
Adapter M22 - Swivel154.111-032.0M22 x 1,5female and swivel connection. For extension of high-pressure hoses with AVS connection or for usage of telescopic lance with a high-pressure hose with AVS connection.Adapter 5 TR22IG-M22AG164.111-033.0Adapter 5 to connect the new gun with the old spray lance and new servo regulator with the old spray lanceAdapter 6 TR22IG-M22AG174.111-034.0Adapter 5 to connect the new device with the old hose a the old hose with the new gunAdapter 7 M18IG-TR20AG184.111-035.0Adapter 7 to connect the old spray lance with the new	dapter 3 M22IG-TR22AG	14	4.111-031.0			Adapter 3 to connect the old gun with the new spray lance	
Adapter 6 TR22IG-M22AG     17     4.111-034.0       Adapter 7 M18IG-TR20AG     18     4.111-035.0	dapter M22 - Swivel	15	4.111-032.0			M22 x 1,5female and swivel connection. For extension of high-pressure hoses with AVS connection or for usage of the telescopic lance with a high-pressure hose with AVS connect	
Adapter 7 M18IG-TR20AG     18     4.111-035.0     the old hose with the new gun		-					
Adapter 7 M18IG-TR20AG     18     4.111-035.0     Adapter 7 to connect the old spray lance with the new	dapter 6 TR22IG-M22AG	17	4.111-034.0			Adapter 6 to connect the new device with the old hose and the old hose with the new gun	
nozzle	dapter 7 M18IG-TR20AG	18	4.111-035.0			Adapter 7 to connect the old spray lance with the new	
Adapter 8 TR20IG-M18AG 19 4.111-036.0 Adapter 8 to connect the new spray lance with the old nozzle	dapter 8 TR20IG-M18AG	19	4.111-036.0			Adapter 8 to connect the new spray lance with the old	



		Order Number			Price	Description	
ADAPTER for replacement TR22IG- M22AG Er	20	4.111-046.0				Rotatable adapter for connecting EASY!Force high-pressure gun and high-pressure hoses with M 22x1.5 connection	

 $\blacksquare$  Included in delivery.  $\hfill\square$  Available accessories.  $\hfill\blacksquare$  Extension hose.

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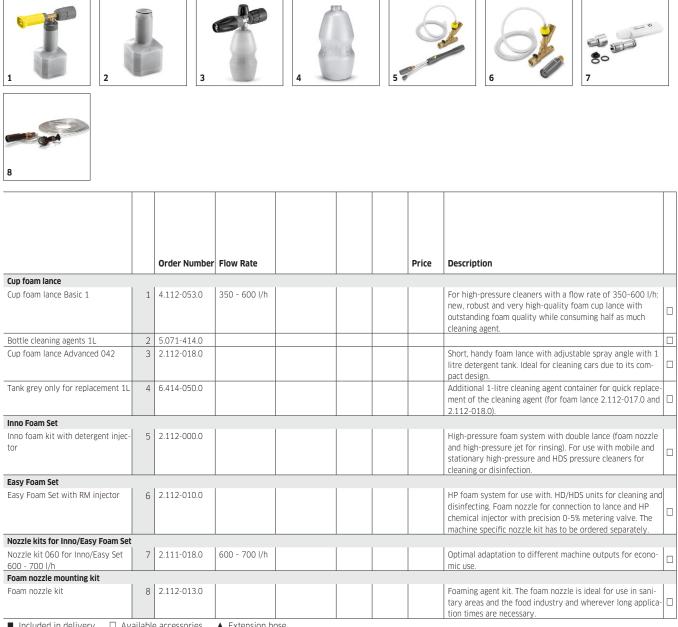


		Order Number	Max. working pressure	Nozzle size	Diame- ter	Price	Description	
Pipe cleaning hose, ID 6				I			1	
Hose assembly TR pipe cleaning DN6 14MPa	1	6.110-048.0	140 bar				10 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	
Pipe cleaning hose	2	6.110-049.0	140 bar				20 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	C
Pipe cleaning hose, DN 6, 30 m	3	6.110-050.0	140 bar				30 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	
Pipe cleaning nozzle								
Dirt blaster pipe cleaning D21/060	4	4.765-002.0		60	21 mm		The forward-tilted rotating pencil jet removes the most	E
Dirt blaster pipe cleaning D30/060	5	4.765-005.0		60	30 mm		stubborn dirt. The three backwards-tilted jets ensure the necessary forward movement, as well as convenient hand- ling.	
Pipe cleaning nozzle	6	5.763-015.0		55	16 mm		16 mm pipe cleaning nozzle with internal thread. Various je	t 🗆
	7	5.763-020.0		65	16 mm		directions for environmentally-friendly cleaning of blocked drains and pipes.	
	8	5.763-017.0		50	30 mm		30 mm pipe cleaning nozzle with internal thread. Various je directions for environmentally-friendly cleaning of blocked drains and pipes.	
Rotating pipe cleaning nozzle	9	6.415-428.0		50	16 mm		Rotating pipe cleaning nozzle with internal thread and four rotating jets for environmentally-friendly cleaning of blo- cked drains and pipes.	
Barrel and tank cleaning			-				· · · ·	
Barrel cleaner BC 14/12	10	2.112-020.0					The barrel cleaner BC 14/12 is a spray unit for the internal cleaning of containers and drums - in particular oak barrels with a capacity between 225 and 600 liters.	

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■ Included in delivery. □ Available accessories.

▲ Extension hose.



		Order Number	Nozzle size		Price	Description
Wet blasting attachment (without n	nozzle)					·
Wet blasting attachment with flow control (without nozzles)	1	4.115-000.0				Paint, rust and scale removal made easy: Kärcher wet blas- ting attachment with flow control for adding blasting abrasi- ve to the high-pressure jet.
Wet blasting attachment without flow control (nozzles not included)	2	4.115-006.0				Paint, rust and scale removal made easy: Kärcher wet blas- ting attachment with flow control for adding blasting abrasi- ve to the high-pressure jet. Without flow control.
Nozzle pack for wet blasting attach	ment					
Nozzle pack TR wet jet set 0050	3	2.112-023.0	50			Nozzle kit with wet blasting nozzle and nozzle insert (type specific). For optimal Kärcher wet blasting attachment performance. Only in combination with wet blasting attachment
Boron carbide nozzle		1		1		·
Boron carbide nozzle, for machi- nes as of 1000 l/h	4	6.415-084.0	6 mm			In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.

 $\blacksquare$  Included in delivery.  $\hfill\square$  Available accessories.  $\hfill\blacksquare$  Extension hose.



		Order Number		Price	De- scripti- on	
Geka coupling						
With hose nozzle, R 1/2"	1	6.388-461.0			with hose liner	
With hose nozzle, R 3/4"	2	6.388-455.0			with hose liner	
With hose nozzle, R 1"	3	6.388-465.0			with hose barb	
With female thread, R 3/4"	4	6.388-473.0			with female thread	
Suction filter						
Water filter	5	6.414-956.0			Suitable for ponds, storage tanks or de filter casing, stainless steel strainer, 800 µm mesh, R 3/4" and R 1" connec- tion, without non- return valve	
Suction filter with check valve	6	4.730-012.0			Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	

■ Included in delivery. 
□ Available accessories. ▲ Extension hose.

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		Order Number		Price	De- scripti- on	
Fine-mesh water filter						
Fine-mesh water filter with adapter	7	4.730-102.0			Fine- mesh water filter, 125 µm, max. tempe- rature 50°C. Protects cleaner from dirt particles contai- ned in the water. Water flow rate up to 1200 l/h. Connec- tion 3/4", with adapter, 1".	
Water supply hose			1			
Water supply hose	8	4.440-038.0			NW 13 R1" / R 3/4", up to 30 °C	
	9	4.440-207.0			NW 19 R1" / R 3/4", up to 85 °C, for pick-up	

■ Included in delivery. □ Available accessories. ▲ Extension hose.

HD 7/11-4 M Plus, 1.524-908.0, 2020-07-24

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		Order Number		Price	De- scripti- on	
Backflow check valve			I	I		
Backflow preventer	10	2.641-374.0			To pre- vent deter- gent getting into the drinking water cycle in case of inlet at low- pressu- resistant up to 80 °C - tes- ted accor- ding to IEC 60335- 2-79 - integ- rated leakage protec- tion	



		Order Number	Flow Rate		Price	Description	
Push-on washing brush					 	1	
Push-on washing brush	1	4.762-497.0				With clamp for mounting directly to units' double or triple nozzle. Fits on new double and triple nozzles.	
Push-on wash brush, M 18 x 1.5	2	4.113-001.0				Push-on wash brush for universal use. Simply push on to lance. Connector: M 18 x 1.6.	
Rotating washing brush							
Rotating wash brush for < 800 l/h machines, nylon bristles	3	4.113-004.0	500 - 800 l/h			The rotating wash brush gently removes fine dust and traf- fic film from all surfaces. Temperature resistant up to $60^{\circ}$ C. (M 18 x 1.5, replaceable brush insert).	
Rotating wash brush for < 800 l/h machines, natural bristles	4	4.113-003.0	500 - 800 l/h			Driven by water stream. Gently removes fine dust and traffic film from any surface. Temperature resistant up to 60°C, M 18 x 1.5 (replaceable brush insert).	