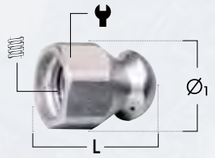
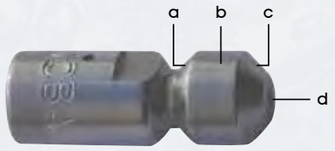
falch®
world of water jetting

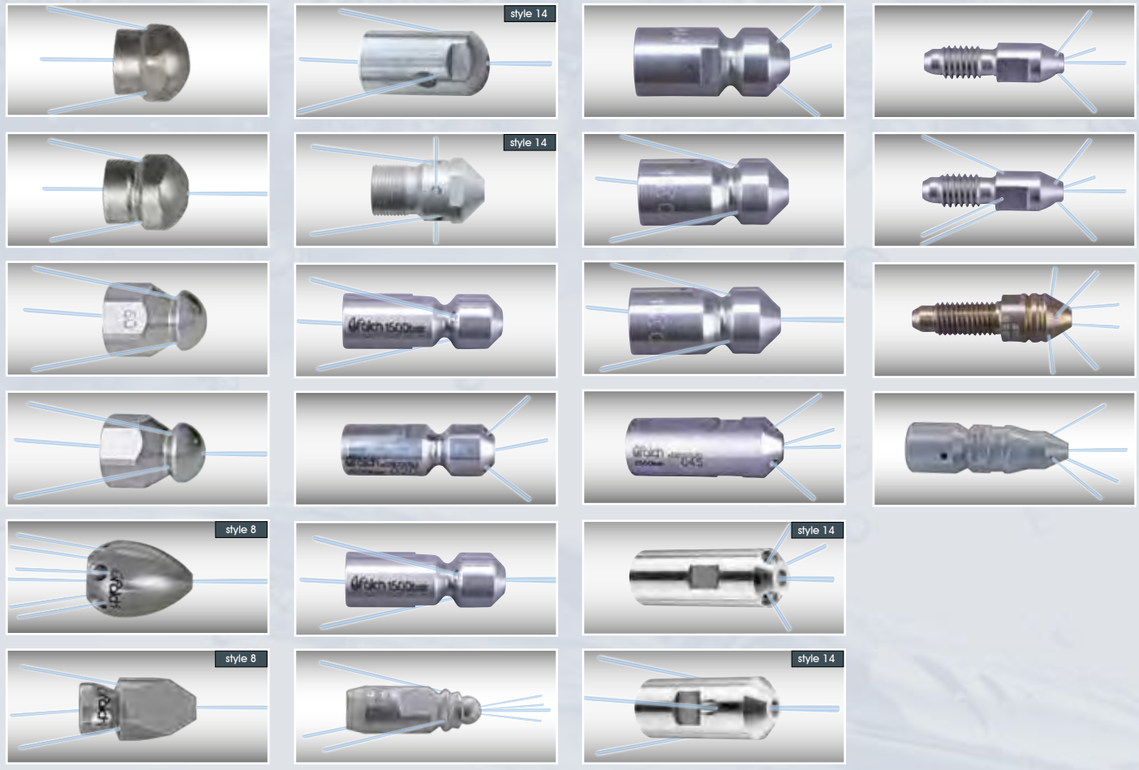
# pipe/sewer/tank cleaning

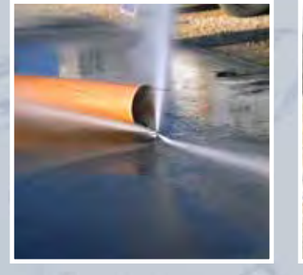
... ➡ www.falch.com

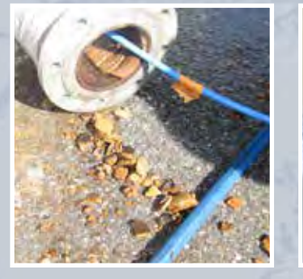
# drainclean nozzles (no rotation)



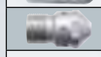
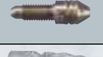







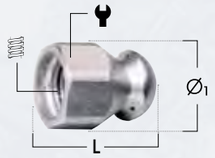


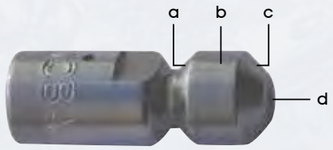
## drainclean nozzles

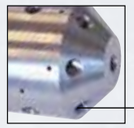
| | bar | power max. kW | flow-rate max. l/min | falch n° | | nozzle style | | Ø1 mm | L mm | | a | b | c | d | drill-holes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 200 | 7 | 19 | dk345 | 060 | – | 1/8" inner thread | 15 | 20 | 14 | 3× 135° | 0 | 0 | 0 | 3 |
| | 200 | 7 | 18 | dk355 | 055 | – | 1/8" inner thread | 15 | 20 | 14 | 3× 135° | 0 | 0 | 1× 0° | 4 |
| | 500 | 14, 17, 21, 29, 47, 61, 66 | 15 – 71 | e0800382, e0800466, e0800372, e0800008, e0800405, e0800408, e0800403 | 030, 035, 045, 060, 100, 130, 140 | – | 1/4" inner thread | 19 | 24 | 17 | 3× 135° | 0 | 0 | 0 | 3 |
| | 500 | 14, 17, 21, 26, 29, 47, 61, 66 | 15 – 71 | e0800383, e0800467, e0800374, e0800139, e0800409, e0800404, e0800407, e0800402 | 030, 035, 045, 055, 060, 100, 130, 140 | – | 1/4" inner thread | 19 | 24 | 17 | 3× 135° | 0 | 0 | 1× 0° | 4 |
| | 500 | 26 46 | 28 – 50 | e0800576 e0800579 | 055 098 | style 8 M4 | 1/4" inner thread | 20 | 30 | 18 | 3× 155° | 0 | 0 | 1× 0° | 4 |
| | 500 | 26 46 | 28 – 50 | e0800577 e0800580 | 055 098 | style 8 M4 | 1/4" inner thread | 30 | 40 | – | 6× 162° | 0 | 0 | 1× 0° | 7 |
| | 1200 | 120 | 54 | e0800166 | – | 14 | 1/4" inner thread | 17 | 32 | 14 | 3× 135° | 0 | 0 | 1× 0° | 4 |
|  | 1200 | 82 | 37 | e0800176 | 047 | 14 | M24 dko outer thread | 30 | 50 | 27 | 2× 135° | 2× 90° | 2× 150° | 0 | 6 |
| | 1500 | 39 78 125 | 14 – 45 | e0800527 e0800367 e0800094 | 016 032 051 | – | M7 inner thread | 10 | 28 | 8 | 3× 135° | 0 | 0 | 0 | 3 |
| | 1500 | 42 | 15 | e0800093 | 017 | – | M7 inner thread | 10 | 28 | 8 | 0 | 0 | 3× 45° | 0 | 3 |
| | 1500 | 44, 78, 122 | 16 28 44 | e0800364 e0800468 e0800103 | 018 032 050 | – | M7 inner thread | 10 | 28 | 8 | 3× 135° | 0 | 0 | 1× 0° | 4 |
| | 1500 | 158 | 57 | e0800569 | 065 | – | M7 inner thread | 10 | 28 | 8 | 3× 135° | 0 | 3× 15° | 1× 0° | 7 |
| | 1500 | 125 | 45 | e0800100 | 051 | – | 1/4" inner thread | 16 | 38 | 14 | 0 | 0 | 3× 45° | 0 | 3 |
| | 1500 | 39, 69, 97, 125 | 14, 25, 35, 45 | e0800523, e0800525, e0800059, e0800058 | 016, 028, 040, 051 | – | 1/4" inner thread | 16 | 38 | 14 | 3× 135° | 0 | 0 | 0 | 3 |
| | 1500 | 39, 69, 97, 125 | 14, 25, 35, 45 | e0800524, e0800526, e0800060, e0800057 | 016, 028, 040, 051 | – | 1/4" inner thread | 16 | 38 | 14 | 3× 135° | 0 | 0 | 1× 0° | 4 |
| | 2500 | 93, 157, 236, 292 | 20, 34, 51, 63 | e0800522, e0800521, e0800520, e0800061 | 018, 030, 045, 055 | – | M10 inner thread | 14 | 36 | 12 | 0 | 0 | 3× 45° | 1× 0° | 4 |
| | 2500 | 361 | 78 | e0800114 | 069 | 14 | M10 inner thread | 14 | 40 | 13 | 0 | 0 | 3× 45° | 1× 0° | 4 |
| | 2500 | 361 | 78 | e0800117 | 069 | 14 | 9/16" unf-lh inner thread | 19 | 45 | 17 | 3× 135° | 0 | 0 | 1× 0° | 4 |
| | 2500 | 361 | 78 | e0800118 | 069 | 14 | 3/8" unf-lh inner thread | 15 | 40 | 13 | 3× 135° | 0 | 0 | 1× 0° | 4 |
| | 3000 | 117 | 21 | e0800502 | 017 | – | 12-28 unf-rh outer thread | 6,3 | 22 | 5 | 0 | 0 | 3× 45° | 1× 0° | 4 |
| | 3000 | 117 | 21 | e0800548 | 017 | – | 12-28 unf-rh outer thread | 6,3 | 22 | 5 | 3× 135° | 0 | 3× 45° | 1× 0° | 7 |
|  | 3000 | 117, 206, 367 | 21, 37, 66 | e0800498 e0800499 e0800500 | 017 030 053 | – | M7-rh outer thread | 10 | 32 | 8 | 0 | 0 | 2× 70° 2× 45° | 2× 10° | 6 |
| | 3000 | 117 | 21 | e0800506 | 017 | – | 9/16"unf-lh inner thread | 17,5 | 55 | 13 | 0 | 0 | 3× 45° | 1× 0° | 4 |
| | 3000 | 206 | 37 | e0800529 | 030 | – | 9/16"unf-lh inner thread | 17,5 | 55 | 13 | 0 | 0 | 3× 45° | 1× 0° | 4 |
| | 3000 | 372 | 67 | e0800530 | 054 | – | 9/16"unf-lh inner thread | 17,5 | 55 | 13 | 0 | 0 | 3× 45° | 1× 0° | 4 |

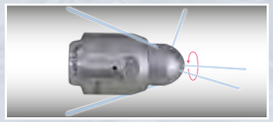
*pictured devices are subject to change. nonliability for picture true delivery.

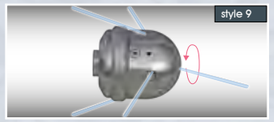
# drainspeed nozzles (rotation)

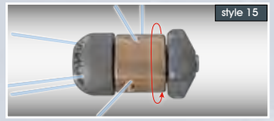


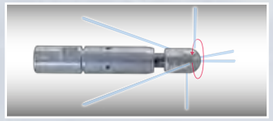



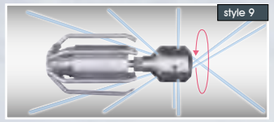



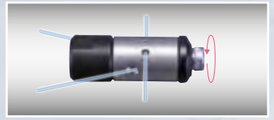


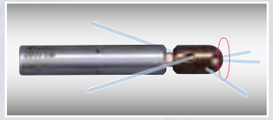


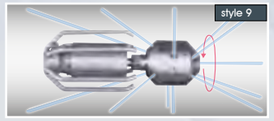



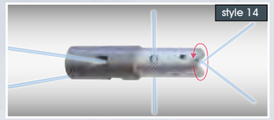



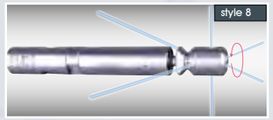


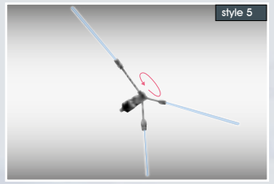



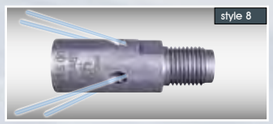


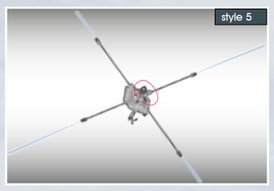


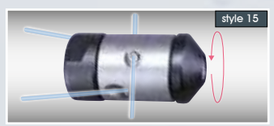



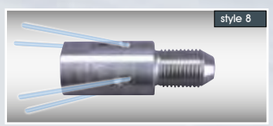



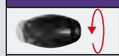
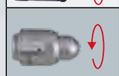
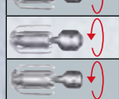


## drainspeed nozzles

| | bar | power max. kW | flow-rate max. l/min | speed max. rpm | falch n° | | nozzle style | | Ø1 mm | L mm | | a | b | c | d | drill-holes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 300 | 17 | 30 | 5000 | e0800107 | 075 | 15 | 1/4" inner thread | 39 | 77 | 27 | 3× 135° | 0 | 0 | 1× 20° | 4 |
| | 500 | 26<br>44 | 28 | 5000 | e0800578<br>e0800581 |  055<br>127 | 8 | 1/4" inner thread | 30 | 55 | – | 3× 160°<br>1× 120°<br>1× 105° | 1× 90° | 0 | 0 | 6 |
|  | 1000 | 93 | 50 | 10000 | e0800069 |  075 | – | M7 inner thread | 11 | 31 | 10 | 2× 135° | 2× 90° | 0 | 0 | 4 |
|  | 1000 | 74 | 40 | 7500 | e0800175 |  055 | 15 | M24× 1,5 outer thread | 31 | | | 2× 135° | 2× 90° | 0 | 0 | |
|  | 1000 | 41 | 22 | 7500 | e0800090 | 030 | - | M7 inner thread | 10 | 50 | 16 | 2× 150° | 2× 95° | 0 | 2× 45° x-jet | 6 |
|  | 1000 | 41<br>74<br>100<br>113 | 22<br>40<br>54<br>61 | 7500 | e0800503<br>e0800414<br>e0800511<br>e0800552 | 030<br>055<br>075<br>085 | 14 | 1/4" inner thread | 18 | 72 | 16 | 2× 150° | 2× 95° | 0 | 2× 45° x-jet | 6 |
|  | 1000 | 74 | 40 | 10000 | e0800042 | 055 | 15 | 1/4" inner thread | 28 | 56 | 24 | 4× 105° | 0 | 0 | 0 | 4 |
|  | 1000 | 93 | 50 | 10000 | e0800040<br>e0800041<br>e0800533 | 035<br>055<br>065 | 15 | 1/4" inner thread | 28 | 56 | 24 | 4× 135° | 0 | 0 | 0 | 4 |
|  | 1000 | 93 | 50 | 10000 | e0800329<br>e0800045 | 035<br>055 | 15 | 1/4" inner thread | 28 | 56 | 24 | 2× 15° | 2× 90° | 0 | 0 | 4 |
|  | 1400 | 187 | 30 | 12000 | e0800571 | 090 | – | 1/4" inner thread | 26 | 48 | 24 | 2× 135°<br>1× 160° | 0 | 1× 30°<br>1× 20° | 0 | 5 |
|  | 1500 | 83 | 30 | 12000 | z0000768<br>z0000898 | 035 | – | M7 inner thread | 9,5 | 68 | 8 | 2× 145° | 2× 90° | 1× 60° | 1× 30° 1×20° | 7 |
|  | 2800 | 156 | 30 | 12000 | z0000773 | 020 | – | 3/8" unf-lh inner thread | 13 | 90 | 11 | 2× 140° | 0 | 1× 45° | 1× 30° 1× 15° | 6 |
|  | 3000 | 278 | 50 | 1500 | z0000639<br>z0000766 | 017<br>035 | 8 | 9/16" unf-lh inner thread | 20 | 160 | 17 | 2× 135° | 2× 90° | 0 | 2× 35° x-jet | 6 |
|  | 1500 | – | – | – | e1230715 | – | 8 | 1/4" inner thread × 1/4" outer thread | 18 | 52 | 14 | 4× 135° | 0 | 0 | 0 | – |
|  | 3000 | – | – | – | e1230579 | – | 8 | 9/16" unf-lh inner thread × 9/16 unf-lh outer thread | 20 | 55 | 17 | 135° | 0 | 0 | 0 | – |
|  | 1500 | 306 | 110 | 300 | e0800570 | 125 | 9 | M24 × 1,5 outer thread | 70 | 80 | 24 | 2× 135° | 2× 100° | 0 | 1× 15° | 5 |
|  | 1500 | 241 | 130 | 2500 | z0000845 | 181 | 9 | M24 × 1,5 outer thread | 76 | 252 | 24 | 4× 135° | 3× 90° | 4× 45° | 1× 0° | 10 |
|  | 1500 | 241 | 130 | 2500 | z0000846 | 181 | 9 | M24 × 1,5 outer thread | 62 | 269 | 24 | 4× 135° | 3× 90° | 0 | 3× 45° x-jet | 12 |
|  | 3000 | 278 | 50 | 2500 | z0000574 | 017 | 9 | 9/16" unf-lh inner thread | 76 | 234 | 24 | 4× 135° | 3× 90° | 4× 45° | 1× 0° | 12 |
|  | 3000 | 278 | 50 | 2500 | z0000614 | 018 | 9 | 9/16" unf-lh inner thread | 62 | 251 | 24 | 4× 135° | 3× 90° | 0 | 3× 45° x-jet | 10 |
|  | 3000 | 278 | 50 | 1500 | z0000556 | 016 | 5 | 9/16" unf-lh inner thread | 880 | 210 | 24 | 0 | 3× 90° | 0 | 0 | 3 |

*pictured devices are subject to change. nonliability for picture true delivery.

# drainstop hoses/lances

## drainstop hoses: pressure range up to 500 bar

| falch n° | max. bar | flow-rate max. l/min. | DN | Ø inside mm | Ø outside mm | L m | | Ø sleeve mm | °C | r mm | material |
|---|---|---|---|---|---|---|---|---|---|---|---|
| s108, s115 | 200 | 29 | 5 | 5,0 | 10,4 | 10, 15 | M22 outer thread × 1/8" outer thread | 15,00 | 60 | 50 | pe, pvc |
| s104, s105<br>z0000172 | 500 | 48 | 6 | 6,4 | 13,4 | 10, 20, 30 | M22 outer thread × 1/4" outer thread | 15,1 | 100 | 75 | nbr, steel , nbr |

## drainstop hoses: pressure range 1000 – 1800 bar

| falch n° | max. bar | flow-rate max. l/min. | DN | Ø inside mm | Ø outside mm | L m | | Ø sleeve mm | °C | r mm | material |
|---|---|---|---|---|---|---|---|---|---|---|---|
| z0000878<br>z0000879<br>z0000880 | 1000 | 27 | 5 | 4,8 | 9,5 | 10, 15, 20 | M24 inner thread × M7 outer thread | 12,0 | 60 | 95 | pom, steel, pa |
| z0000131<br>s126<br>z0000211 | 1000 | 47, 48 | 6 | 6,3 | 11,5 | 10, 20, 30 | M24 inner thread dkos × 1/4" outer thread | 13,9 | 60 | 110 | pom, steel, pa |
| z0000259 | 1000 | 47 | 6 | 6,3 | 11,5 | 25 | M24 inner thread × 1/4" outer thread | 13,9 | 60 | 110 | pom, steel, pa |
| z0000847<br>z0000848 | 1000 | 77 | 8 | 8,1 | 13,4 | 10, 20 | M24 inner thread dkos × 1/4" outer thread | 16,1 | 60 | 120 | pom, steel, pa |
| z0000769<br>z0000770<br>z0000771 | 1500 | 19 | 4 | 4,0 | 7,9 | 7, 15, 25 | M24 inner thread × M7 outer thread | 9,8 | 60 | 75 | pom, steel, pa |
| z0000884<br>z0000885<br>z0000886 | 1500 | 47 | 6 | 6,3 | 12,6 | 10, 15, 20 | M24 inner thread dkos × 1/4" outer thread | 16,4 | 60 | 180 | pom, steel, pa |
| z0000881<br>z0000882<br>z0000883 | 1800 | 29 | 5 | 5,0 | 11,2 | 10, 15, 20 | M24 inner thread dkos × 1/4" outer thread | 15,0 | 60 | 150 | pom, steel, pa |

## drainstop hoses: pressure range 2500 – 3000 bar

| falch n° | max. bar | flow-rate max. l/min. | DN | Ø inside mm | Ø outside mm | L m | | Ø sleeve mm | °C | r mm | material |
|---|---|---|---|---|---|---|---|---|---|---|---|
| z0000774<br>z0000887<br>z0000775 | 3000 | 19 | 4 | 4,0 | 9,9 | 10, 15, 20 | 3/8"unf-lh outer thread × 3/8"unf-lh outer thread | 12,8 | 60 | 120 | pom, steel, pa |
| z0000888<br>z0000889<br>z0000862 | 3000 | 27 | 5 | 4,8 | 13,3 | 10, 15, 20 | 3/8"unf-lh outer thread × 3/8"unf-lh outer thread | 17,8 | 60 | 210 | pom, steel, pa |
| z0000890<br>z0000891<br>z0000892 | 3000 | 40 | 6 | 5,8 | 18,6 | 10, 15, 20 | 3/8"unf-lh outer thread × 3/8"unf-lh outer thread | 23,7 | 60 | 280 | pom, steel, pa |

## drainlances: pressure range 500 – 3000 bar

| falch n° | max. bar | flow-rate max. l/min. | DN | Ø inside mm | Ø outside mm | L m | | °C | material |
|---|---|---|---|---|---|---|---|---|---|
| e1250000 | 500 | 75 | 8 | 8,0 | 9,52 | optional | 1/4" outer thread × 1/4" outer thread | 70 | 14.541 |
| e0810256 | 1500 | 12 | 3 | 3,2 | 9,52 | 0,2 | M7 outer thread × M7 inner thread | 70 | 14.301 |
| e0810255 | 1500 | 58 | 7 | 7,0 | 16,00 | 0,2 | 1/4" outer thread × 1/4" inner thread | 70 | 14.057 |
| e0810041<br>e0810124 | 2500 | 27 | 5 | 4,8 | 14,30 | 2, 3 | 9/16"unf-lh outer thread × M10 outer thread | 70 | HP 160 |
| e0810266 | 3000 | 7 | 2 | 2,4 | 6,35 | 1,5 | 1/4"unf-lh outer thread × 12-28unf-rh inner thread | 70 | 14.301 |
| e0810265 | 3000 | 12 | 3 | 3,2 | 9,52 | 1,5 | 3/8"unf-lh hp outer thread × M7×1,0 inner thread | 70 | 14.301 |
| e0810254 | 3000 | 12 | 3 | 3,2 | 9,53 | 6,5 | 3/8"unf-lh hp outer thread × M7×1,0-rh inner thread | 70 | no data |

*pictured devices are subject to change. nonliability for picture true delivery.

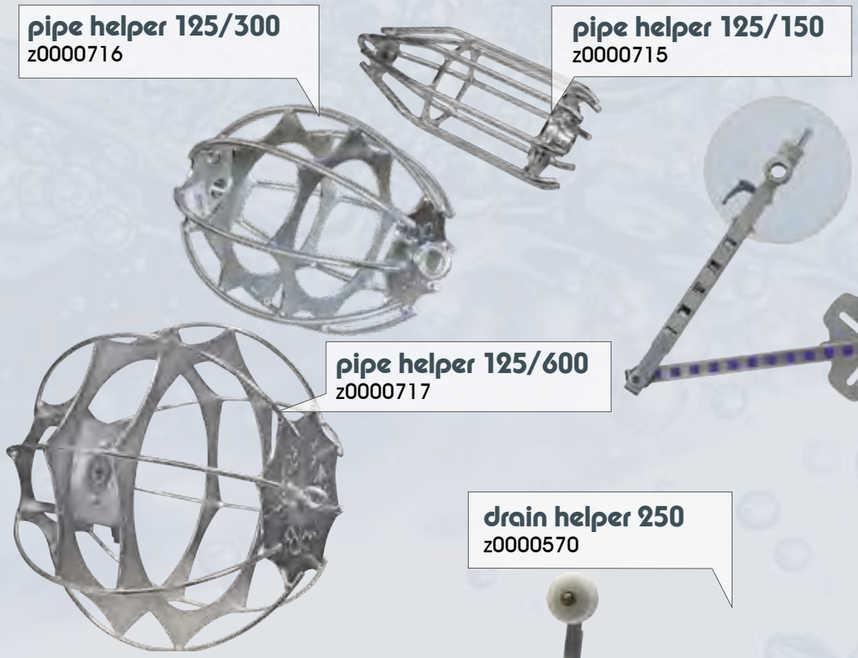
# pipe/drain helper

# drain worker

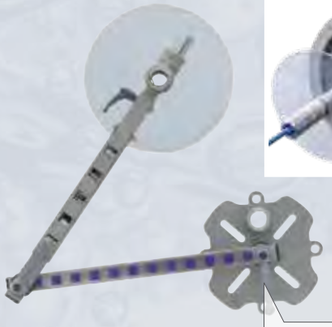
falch®
world of water jetting

**pipe helper 125/300**
z0000716

**pipe helper 125/150**
z0000715

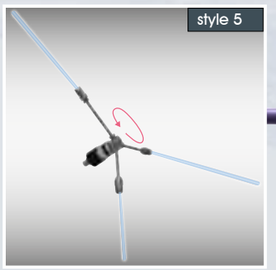


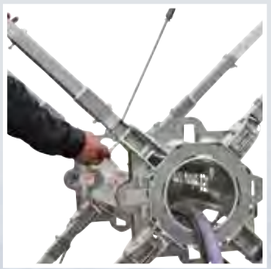
**pipe helper 125/600**
z0000717



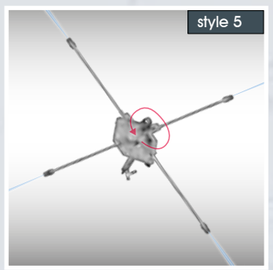
**drain safe**
z0000141

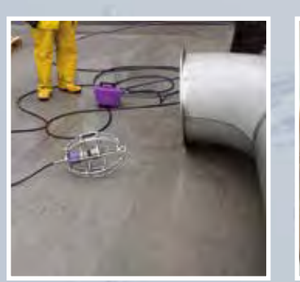
**drain helper 250**
z0000570

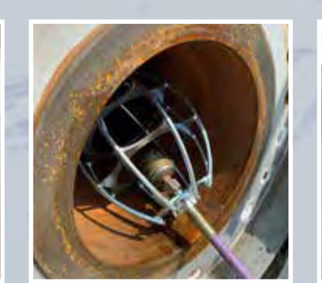


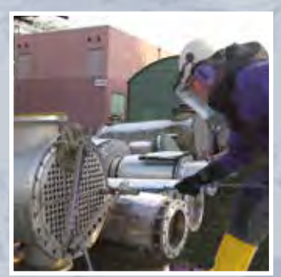


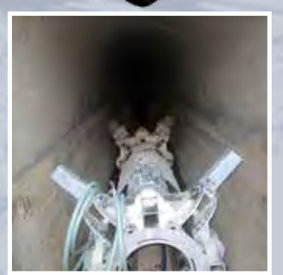
**drain worker 250**
z0000682

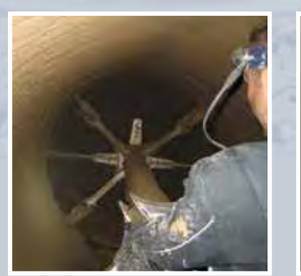


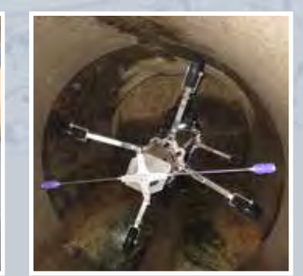



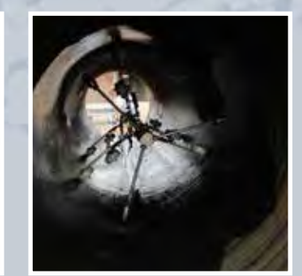








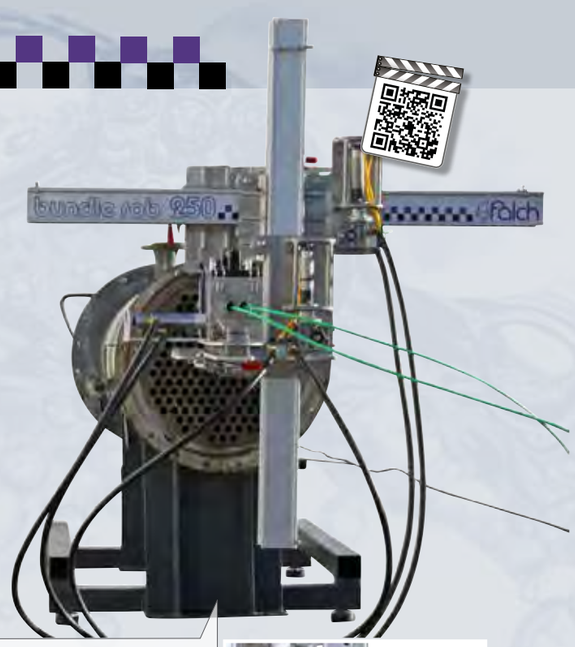




*pictured devices are subject to change. nonliability for picture true delivery.

# pipe worker/bundle rob

pipe worker 250 inside
z0000860



bundle rob 250
z0000707

pipe worker 250 outside
z0000859

# tank cleaning

**z0000304** tank cleaning head, 400 bar, 90 °C

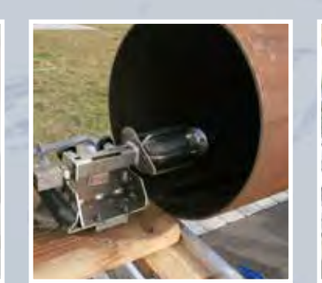
**e0800559** nozzle holder for z0000557, H100, 20 – 50 l/min.

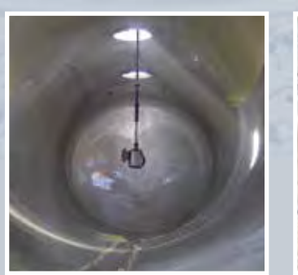
**g9800105** tank cover for tank cleaning device

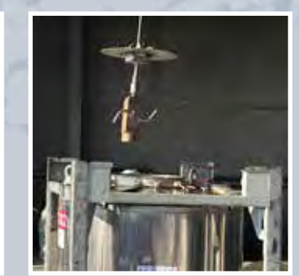
**e0800547** nozzle holder for z0000557, H65, 30 – 90 l/min.

**z0000557** tank cleaning device,1600 bar, 90 °C, 20 – 150 l/min.

**e0800550** nozzle holder for z0000557, H25, 90 – 150 l/min.







*pictured devices are subject to change. nonliability for picture true delivery.

falch®
world of water jetting

## optional accessories

| | |
|---|---|
| | z0000750<br>cage<br>inside Ø<br>62 mm,<br>outside Ø 95<br>– 135 mm,<br>length:<br>100 mm |
| | e1210367<br>cage<br>drainspeed<br>30,<br>Ø 100 mm,<br>length:<br>150 mm |
| | z0000749<br>cage,<br>inside Ø<br>20 mm,<br>outside Ø<br>50 – 100 mm,<br>length:<br>100 mm |

| | |
|---|---|
| | e1190045<br>**foot operated valve 500 bar,**<br>100 °C,<br>M22 outer thread × M22 inner thread |
| | e1190044<br>**foot operated valve 3000 bar,**<br>70 °C, M26 inner thread × M26 inner thread<br>7-pins |
| | e1190069<br>**foot operated valve 3000 bar,**<br>70 °C, M26 inner thread × M26 inner thread,<br>dump gun |

## services

falch top rent

falch projectXpress

super falch service

falch gmbh
headquarter
street of water jetting 1
89143 blaubeuren-seissen (germany)

+49 7344 9244-0
+49 7344 9244-4090
info@falch.com
www.falch.com