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<p><b>KIT HDL 150 FE 1/2"</b></p> <p>Powder coated steel hose driver KIT, available on the series: HR 3500 FE</p>	<p><b>KIT HDL 200 FE 1/2"</b></p> <p>Powder coated steel hose driver KIT, available on the series: HR 3550 FE</p>	<p><b>KIT HDL 300 FE 1/2"</b></p> <p>Powder coated steel hose driver KIT, available on the series: HR 6200 FE</p>	<p><b>KIT HDL 400 FE 1/2"</b></p> <p>Powder coated steel hose driver KIT, available on the series: HR 6000 FE - HR 6300 FE</p>
<p><b>KIT HDL 150 1"</b></p> <p>Stainless steel hose driver KIT, available on the series: HR 3501</p>	<p><b>KIT HDL 200 1"</b></p> <p>Stainless steel hose driver KIT, available on the series: HR 3502</p>	<p><b>KIT HDL 300 1"</b></p> <p>Stainless steel hose driver KIT, available on the series: HR 3503</p>	<p><b>KIT HDL 400 1"</b></p> <p>Stainless steel hose driver KIT, available on the series: HR 6001 - HR 6301 - HR 6030</p>
<p><b>KIT HDL 150 FE 1"</b></p> <p>Powder coated steel hose driver KIT, available on the series: HR 3501 FE</p>	<p><b>KIT HDL 200 FE 1"</b></p> <p>Powder coated steel hose driver KIT, available on the series: HR 3502 FE</p>	<p><b>KIT HDL 300 FE 1"</b></p> <p>Powder coated steel hose driver KIT, available on the series: HR 3503 FE</p>	<p><b>KIT HDL 400 FE 1"</b></p> <p>Powder coated steel hose driver KIT, available on the series: HR 6001 FE - HR 6301 FE - HR 6030 FE</p>
<p><b>KIT HDS 150 1/2"</b></p> <p>Stainless steel hose driver KIT, available on the series: HR 1100</p>	<p><b>KIT HDS 150 FE 1/2"</b></p> <p>Powder coated steel hose driver KIT, available on the series: HR 1100 FE</p>	<p><b>KIT HDS 150 1"</b></p> <p>Stainless steel hose driver KIT, available on the series: HR 1200</p>	<p><b>KIT HDS 150 FE 1"</b></p> <p>Powder coated steel hose driver KIT, available on the series: HR 1200 FE</p>
<p><b>KIT HDS 300 1"</b></p> <p>Stainless steel hose driver KIT, available on the series: HR 1300</p>	<p><b>KIT HDS 300 FE 1"</b></p> <p>Powder coated steel hose driver KIT, available on the series: HR 1300 FE</p>	<p><b>KIT HD 1/4"</b></p> <p>Gear KIT for 1/4" hoses and shaft adaptor</p>	<p><b>KIT HD 3/8"</b></p> <p>Gear KIT for 3/8" hoses and shaft adaptor</p>

<p><b>KIT HD 1/2"</b></p> <p>Gear KIT for 1/2" hoses and shaft adaptor</p>	<p><b>KIT HD 3/4"</b></p> <p>Gear KIT for 3/4" hoses and shaft adaptor</p>	<p><b>KIT HD 1"</b></p> <p>Gear KIT for 1" hoses and shaft adaptor</p>	<p><b>KIT BK</b></p> <p>Slow retraction system - complete Set</p>
<p><b>KIT FA</b></p> <p>Replacement anodized Aluminum flange for KIT BK (STANDARD PART - INCLUDED IN KIT BK set)</p>	<p><b>KIT FS</b></p> <p>Replacement stainless steel flange for KIT BK (SPECIAL/ON REQUEST - NOT INCLUDED IN KIT BK set)</p>	<p><b>KIT SP 20</b></p> <p>KIT SP 20 SUPER TORQUE KIT additional spring kit for HR 11XX series with speed limiter predisposition</p>	<p><b>KIT SP 35</b></p> <p>SUPER TORQUE KIT additional spring kit for HR 35XX series with speed limiter predisposition</p>
<p><b>KIT CR 2</b></p> <p>System to add onto the standard rack, to prevent the accidental ratchet disengagement due hammering</p>	<p><b>CO</b></p> <p>ST/ST side cover protection. For HR1000 / 1100 / 3000 / 4500 / 1200 / 1300 / 2300 / 5000</p>	<p><b>COB</b></p> <p>ST/ST side cover protection. For HR3500 / 3550 / 6200 / 6300 / 3501 / 3502 / 3503 / 6001</p>	
<p><b>ST 10</b></p> <p><b>ST 10 / ST 10 316</b> ST/ST swivel bracket. AVC 1060 - AVC 1070 <b>ST 10 FE</b> Powder coated steel swivel bracket. AVC 1060 FE - AVC 1070 FE <b>ST 10 CA</b> Cataphoric treatment steel swivel bracket. AVC 1060 FE - AVC 1070 FE</p>	<p><b>ST 15</b></p> <p><b>ST 15 / ST 15 316</b> ST/ST swivel bracket. AV 1500 <b>ST 15 FE</b> Powder coated steel swivel bracket. AV 1500 FE <b>ST 15 CA</b> Cataphoric treatment steel swivel bracket. AV 1500 CA</p>	<p><b>ST HR 15</b></p> <p><b>ST HR 15 / ST HR 316</b> ST/ST swivel bracket. HR 1000 - HR 815 - HR 820 - HR 830 <b>ST HR 15 FE</b> Powder coated steel swivel bracket. HR 1000 FE - HR 815 FE - HR 820 FE - HR 830 FE <b>ST HR 15 CA</b> Cataphoric treatment steel swivel bracket. HR 1000 CA - HR 815 CA - HR 820 CA - HR 830 CA</p>	<p><b>ST 20 / ST 20 316</b> ST/ST swivel bracket. HR 1100 - AV 2000 - AV 2200 - HR 825 - HR 830 <b>ST 20 FE</b> Powder coated steel swivel bracket. HR 1100 FE - AV 2000 FE - AV 2200 FE - HR 825 FE - HR 830 FE <b>ST 20 CA</b> Cataphoric treatment steel swivel bracket. HR 1100 CA - AV 2000 CA - AV 2200 CA - HR 825 CA - HR 830 CA</p>
<p><b>ST 22</b></p> <p><b>ST 22 / ST 22 316</b> ST/ST swivel bracket. HR 1300 - AV 2300 <b>ST 22 FE</b> Powder coated steel swivel bracket. HR 1300 FE - AV 2300 FE <b>ST 22 CA</b> Cataphoric treatment steel swivel bracket. HR 1300 CA - AV 2300 CA</p>	<p><b>ST 25</b></p> <p><b>ST 25 / ST 25 316</b> ST/ST swivel bracket. AVC 3020 <b>ST 25 FE</b> Powder coated steel swivel bracket. AVC 3020 FE <b>ST 25 CA</b> Cataphoric treatment steel swivel bracket. AVC 3020 CA</p>	<p><b>ST 26</b></p> <p><b>ST 26 / ST 26 316</b> ST/ST swivel bracket. AVC 3015 <b>ST 26 FE</b> Powder coated steel swivel bracket. AVC 3015 FE <b>ST 26 CA</b> Cataphoric treatment steel swivel bracket. AVC 3015 CA</p>	<p><b>ST 27</b></p> <p><b>ST 27 / ST 27 316</b> ST/ST swivel bracket. AVC 3016 <b>ST 27 FE</b> Powder coated steel swivel bracket. AVC 3016 FE <b>ST 27 CA</b> Cataphoric treatment steel swivel bracket. AVC 3016 CA</p>

ST 28	ST 29	ST 30	ST 33
 <p><b>ST 28 / ST 28 316</b> ST/ST swivel bracket. AVC 3022 <b>ST 28 FE</b> Powder coated steel swivel bracket. AVC 3022 FE <b>ST 28 CA</b> Cataphoric treatment steel swivel bracket. AVC 3022 CA</p>	 <p><b>ST 29 / ST 29 316</b> ST/ST swivel bracket. AVC 3035 - AVC 3031 <b>ST 29 FE</b> Powder coated steel swivel bracket. AVC 3035 FE - AVC 3031 FE <b>ST 29 CA</b> Cataphoric treatment steel swivel bracket. AVC 3035 CA - AVC 3031 CA</p>	 <p><b>ST 30 / ST 30 316</b> ST/ST swivel bracket. AV 3000 - HR 3500 - HR 3501 - HR 3502 <b>ST 30 FE</b> Powder coated steel swivel bracket. AV 3000 FE - HR 3500 FE - HR 3501 FE - HR 3502 FE <b>ST 30 CA</b> Cataphoric treatment steel swivel bracket. AV 3000 CA - HR 3500 CA - HR 3501 CA - HR 3502 CA</p>	 <p><b>ST 33 / ST 33 316</b> ST/ST swivel bracket. HR 3503 <b>ST 33 FE</b> Powder coated steel swivel bracket. HR 3503 FE <b>ST 33 CA</b> Cataphoric treatment steel swivel bracket. HR 3503 CA</p>
ST 34	ST 35	ST 50	ST 60
 <p><b>ST 34 / ST 34 316</b> ST/ST swivel bracket. HR 3400 <b>ST 34 FE</b> Powder coated steel swivel bracket. HR 3400 FE <b>ST 34 CA</b> Cataphoric treatment steel swivel bracket. HR 3400 CA</p>	 <p><b>ST 35 / ST 35 316</b> ST/ST swivel bracket. HR 3550 <b>ST 35 FE</b> Powder coated steel swivel bracket. HR 3550 FE <b>ST 35 CA</b> Cataphoric treatment steel swivel bracket. HR 3550 CA</p>	 <p><b>ST 50 / ST 50 316</b> ST/ST swivel bracket. AV 5000 <b>ST 50 FE</b> Powder coated steel swivel bracket. AV 5000 FE <b>ST 50 CA</b> Cataphoric treatment steel swivel bracket. AV 5000 CA</p>	 <p><b>ST 60 / ST 60 316</b> ST/ST swivel bracket. HR 6000 - HR 6001 - HR 6030 <b>ST 60 FE</b> Powder coated steel swivel bracket. HR 6000 FE - HR 6001 FE - HR 6030 FE <b>ST 60 CA</b> Cataphoric treatment steel swivel bracket. HR 6000 CA - HR 6001 CA - HR 6030 CA</p>
ST 69	ST 70	ST 71	ST 72
 <p><b>ST 69 / ST 69 316</b> ST/ST swivel bracket. AVM 9000 - AVM 9310 - AVM 9320 - AVM 9510 - AVM 9520 <b>ST 69 FE</b> Powder coated steel swivel bracket. AVM 9000 FE <b>ST 69 CA</b> Cataphoric treatment steel swivel bracket. AVM 9000 CA</p>	 <p><b>ST 70 / ST 70 316</b> ST/ST swivel bracket. AVM 9610 - AVM 9620 <b>ST 70 FE</b> Powder coated steel swivel bracket. AVM 9610 FE - AVM 9620 FE <b>ST 70 CA</b> Cataphoric treatment steel swivel bracket. AVM 9610 CA - AVM 9620 CA</p>	 <p><b>ST 71 / ST 71 316</b> ST/ST swivel bracket. AVM 9710 - AVM 9720 <b>ST 71 FE</b> Powder coated steel swivel bracket. AVM 9710 FE - AVM 9720 FE <b>ST 71 CA</b> Cataphoric treatment steel swivel bracket. AVM 9710 CA - AVM 9720 CA</p>	 <p><b>ST 72 / ST 72 316</b> ST/ST swivel bracket. AVM 9002 <b>ST 72 FE</b> Powder coated steel swivel bracket. AVM 9002 FE <b>ST 72 CA</b> Cataphoric treatment steel swivel bracket. AVM 9002 CA</p>
ST 73	ST 74	ST 75	ST 76
 <p><b>ST 73 / ST 73 316</b> ST/ST swivel bracket. AVM 9810 - AVM 9814 <b>ST 73 FE</b> Powder coated steel swivel bracket. AVM 9810 FE - AVM 9814 FE <b>ST 73 CA</b> Cataphoric treatment steel swivel bracket. AVM 9810 CA - AVM 9814 CA</p>	 <p><b>ST 74 / ST 74 316</b> ST/ST swivel bracket. AVM 9811 - AVM 9815 <b>ST 74 FE</b> Powder coated steel swivel bracket. AVM 9811 FE - AVM 9815 FE <b>ST 74 CA</b> Cataphoric treatment steel swivel bracket. AVM 9811 CA - AVM 9815 CA</p>	 <p><b>ST 75 / ST 75 316</b> ST/ST swivel bracket. AVM 9812 - AVM 9816 <b>ST 75 FE</b> Powder coated steel swivel bracket. AVM 9812 FE - AVM 9816 FE <b>ST 75 CA</b> Cataphoric treatment steel swivel bracket. AVM 9812 CA - AVM 9816 CA</p>	 <p><b>ST 76 / ST 76 316</b> ST/ST swivel bracket. AVM 9813 - AVM 9817 <b>ST 76 FE</b> Powder coated steel swivel bracket. AVM 9813 FE - AVM 9817 FE <b>ST 76 CA</b> Cataphoric treatment steel swivel bracket. AVM 9813 CA - AVM 9817 CA</p>

ST 77	ST 78	ST 79	ST 80
 <p><b>ST 77 / ST 77 316</b> ST/ST swivel bracket. AVM 9918 - AVM 9922 <b>ST 77 FE</b> Powder coated steel swivel bracket. AVM 9918 FE - AVM 9922 FE <b>ST 77 CA</b> Cataphoric treatment steel swivel bracket. AVM 9918 CA - AVM 9922 CA</p>	 <p><b>ST 78 / ST 78 316</b> ST/ST swivel bracket. AVM 9919 - AVM 9923 <b>ST 78 FE</b> Powder coated steel swivel bracket. AVM 9919 FE - AVM 9923 FE <b>ST 78 CA</b> Cataphoric treatment steel swivel bracket. AVM 9919 CA - AVM 9923 CA</p>	 <p><b>ST 79 / ST 79 316</b> ST/ST swivel bracket. AVM 9920 - AVM 9924 <b>ST 79 FE</b> Powder coated steel swivel bracket. AVM 9920 FE - AVM 9924 FE <b>ST 79 CA</b> Cataphoric treatment steel swivel bracket. AVM 9920 CA - AVM 9924 CA</p>	 <p><b>ST 80 / ST 80 316</b> ST/ST swivel bracket. AVM 9921 - AVM 9925 <b>ST 80 FE</b> Powder coated steel swivel bracket. AVM 9921 FE - AVM 9925 FE <b>ST 80 CA</b> Cataphoric treatment steel swivel bracket. AVM 9921 CA - AVM 9925 CA</p>
ST RP - ST CP	ST CP 20	ST CP 35	ST 7801
 <p><b>ST RP - ST CP / ST RP 316 - ST CP 316</b> Base enlarger for ST 15 and ST 20 dim. 330x245, ST CP Center plate for ST RP. <b>ST RP FE - ST CP FE</b> Base enlarger for ST 15 and ST 20 dim. 330x245, ST CP Center plate for ST RP. <b>ST RP CA - ST CP CA</b> Base enlarger for ST 15 and ST 20 dim. 330x245, ST CP Center plate for ST RP.</p>	 <p><b>ST CP 20 / ST CP 20 316</b> ST/ST coner plate for base. HR1100 HAI <b>ST CP 20 FE</b> Powder coated steel swivel bracket. HR1100 FE HAI <b>ST CP 20 CA</b> Cataphoric treatment steel swivel bracket. HR1100 CA HAI</p>	 <p><b>ST CP 35 / ST CP 35 316</b> ST/ST coner plate for base. HR3500 HAI <b>ST CP 35 FE</b> Powder coated steel swivel bracket. HR3500 FE HAI <b>ST CP 35 CA</b> Cataphoric treatment steel swivel bracket. HR3500 CA HAI</p>	 <p><b>ST 7801</b> ST/ST wall support for 7801.</p>
ST 7802	ST HP 16	ST HP 31	
 <p><b>ST 7802</b> ST/ST wall support for 7802.</p>	 <p><b>ST HP 16</b> ST/ST swivel bracket. AV HP 16 <b>ST HP 16 FE</b> Powder coated steel swivel bracket. AV HP 16</p>	 <p><b>ST HP 31</b> ST/ST swivel bracket. AV HP 31 <b>ST HP 31 FE</b> Powder coated steel swivel bracket. AV HP 31</p>	

























<b>18</b>	<b>43</b>	<b>45</b>	<b>61</b>
			
Max 400 bar (5800 psi) 95° C (203°F) 3/8" - 1/2" water	Max 10 bar (145 psi) 95°C (203°F) water	Max 20 bar (290 psi) 100°C (212°F) water Max 6 bar (87 psi) 165°C (329°F) steam	Max 40 bar (580 psi) 40°C (104° F) water
TUBO 18 3/8" 10x18 mm (0.39x0.70 inch) TUBO 18 1/2" 12x20 mm (0.47x0.78 inch)	TUBO 43 1/2" 12,5x20,5 mm (0.49x0.80 inch) TUBO 43 3/4" 19x28 mm (0.74x1.10 inch) TUBO 43 1" 25x36 mm (0.98x1.41 inch)	TUBO 45 1/2" 13x23 mm (0.51x0.90 inch) TUBO 45 3/4" 19x31 mm (0.74x1.22 inch) TUBO 45 1" 25x37 mm (0.98x1.45 inch)	TUBO 61 3/8" 10x17 mm (0.39x0.66 inch) TUBO 61 1/2" 13x20 mm (0.51x0.78 inch) TUBO 61 3/4" 19x28 mm (0.74x1.10 inch) TUBO 61 1" 25x36 mm (0.98x1.41 inch)
<b>62</b>	<b>65</b>	<b>66</b>	<b>67</b>
			
Max 10 bar (145 psi) 80°C (176°F) oil-diesel oil	TUBO 65 1/4" 8x12 mm (0.31x0.47 inch) TUBO 65 3/8" 10x15 mm (0.39x0.59 inch) air	TUBO 66 5/16" 20 bar (290 psi) 80°C (176°F) 8+8 oxy+acetylene	Max 100 bar (1450 psi) 90°C (194°F) water
TUBO 62 3/4" 19x27 mm (0.74x1.06 inch) TUBO 62 1" 25x35 mm (0.98x1.37 inch)			
<b>68 1/2"</b>	<b>68 3/4"</b>	<b>69</b>	<b>71</b>
			
1/2" Steam hose, max + 200°C (392°F) Tubo vapore 1/2", max + 200°C (392°F)	3/4" Steam hose, max + 200°C (392°F) Tubo vapore 3/4", max + 200°C (392°F)	TUBO 69 1/4" - 1000 bar (14500 psi) water	TUBO 71 1/2" - 80 bar (1160 psi) PVC
<b>80</b>	<b>81</b>		
			
Multipurpose antistatic hose, conductivity R < 5x10 <sup>4</sup> Ω/m. Max 20 bar (290 psi) 80°C (176°F) water Max 20 bar (290 psi) 120°C (248°F) water with glycols	Hose for synthetic fluids, petroleum derivatives, water based,...		
TUBO 80 3/8" 10x19 mm (0.39x0.74 inch) TUBO 80 1/2" 13x21 mm (0.51x0.82 inch) TUBO 80 3/4" 19x29 mm (0.74x1.14 inch) TUBO 80 1" 25x36 mm (0.98x1.41 inch)	TUBO 81 1/4" 6x12 mm (0.23x0.47 inch) max 225 bar (3263 psi) TUBO 81 3/8" 10x16 mm (0.39x0.62 inch) max 210 bar (3045 psi) TUBO 81 1/2" 13x20 mm (0.51x0.78 inch) max 160 bar (2320 psi)  TUBO 81 3/4" 19x27 mm (0.74x1.06 inch) max 105 bar (1522 psi) TUBO 81 1" 25x35 mm (0.98x1.37 inch) max 88 bar (1276 psi)		

























<b>4960 1/2"</b>	<b>4960 1/2" - 400</b>	<b>4960 1/2" - 600</b>	<b>4960 1"</b>
			
Stainless steel AISI 316 swivel joint 1/2" bore 10 mm (0.39 inch) max 200 bar (2900.7 psi) 284°F (discontinuous use) FKM+PTFE sealing.	Stainless steel AISI 316 swivel joint 1/2" bore 10 mm (0.39 inch) max 400 bar (5801.5 psi) 284°F (discontinuous use) FKM+PTFE sealing.	Stainless steel AISI 316 swivel joint 1/2" bore 10 mm (0.39 inch) max 600 bar (8702.2 psi) 284°F (discontinuous use) FKM+PTFE sealing.	Stainless steel AISI 316 swivel joint 1" bore 19 mm (0.74 inch) max 100 bar (1450 psi) 100°C (212°F) FFKM+FMK sealing.
<b>4961</b>	<b>4961 12</b>	<b>4962</b>	<b>4962-400</b>
Galvanized steel swivel joint 1/2", bore 10 mm (0.39 inch) max 200 bar (3000 psi) 90°C (194°F) EPDM sealing.	Galvanized steel swivel joint 1/2", bore 12 mm (0.47 inch) max 200 bar (0.65 psi) 90°C (194°F) EPDM sealing.	Stainless steel swivel joint 1/2", bore 10 mm (0.39 inch) max 200 bar (3000 psi) 284°F (discontinuous use) EPDM+FKM sealing.	Stainless steel swivel joint 1/2", bore 10 mm (0.39 inch) max 400 bar (5801.5 psi) 284°F (discontinuous use) FKM+PTFE sealing.
<b>4962-600</b>	<b>4962-F</b>	<b>4962 ST 500</b>	<b>4963</b>
Stainless steel swivel joint 1/2", bore 10 mm (0.39 inch) max 600 bar (8702.2 psi) 284°F (discontinuous use) FKM+PTFE sealing.	Stainless steel swivel joint 1/2", bore 10 mm (0.39 inch), max 200 bar (3000 psi) 284°F (discontinuous use). Inlet F 1/2". EPDM+FKM sealing.	Stainless steel swivel joint 1/2" for 500 bar and 150°C EPDM+PTFE sealing.	Stainless steel swivel joint 1/2", bore 12 mm (0.47 inch) max 200 bar (3000 psi) 284°F (discontinuous use) EPDM+FKM sealing.
<b>4963-F</b>	<b>4964</b>	<b>4967</b>	<b>4969</b>
Stainless steel swivel joint 1/2", bore 12 mm (0.47 inch), max 200 bar (3000 psi) 284°F (discontinuous use). Inlet F 1/2". EPDM+FKM sealing.	Galvanized steel swivel joint 1/2", max 600 bar (8702.2 psi) (mineral oil/grease applications) polyurethane gasket.	Stainless steel swivel joint M22x1,5, bore 10 mm (0.39 inch) max 200 bar (3000 psi) 284°F (discontinuous use) EPDM+FKM sealing.	Galvanized steel swivel joint 1", bore 19 mm (0.74 inch) max 20 bar (290 psi) 90°C (194°F) FKM sealing.
<b>4971</b>	<b>4909 N</b>	<b>4912 FE</b>	<b>4918</b>
ST/ST swivel joint 1", bore 19 mm (0.74 inch) max 100 bar (1450 psi) 100°C (212°F) FKM sealing.	Stainless steel adapter 1"GAS -1".	Galvanized steel adapter F1/2" -F1/2"	Stainless steel adapter 1/2"-1/4".
<b>4918 FE</b>	<b>4918 316</b>	<b>4926 1"</b>	<b>4932 1/2 F</b>
			
Galvanized steel adapter 1/2"-1/4".	Stainless steel AISI 316 adapter 1/2"- 1/4".	Stainless steel AISI 316 swivel joint max 30 bar FKM FDA seal M (flat) +F 1" bore 18 mm.	Galvanized fitting 1/2" female complete.

<b>4932 3/8 F</b>	<b>4933 1/2 F</b>	<b>4933 3/8 F</b>	<b>4950</b>
Galvanized fitting 3/8" female complete.	Stainless steel fitting 1/2" female complete.	Stainless steel fitting 3/8" female complete.	Stainless steel bearing swivel joint 3/8" M-1/2" F 200 bar 90°C.
<b>4950 - 400</b>	<b>4950 - 600</b>	<b>4953</b>	<b>4953 400</b>
Stainless steel bearing swivel joint 3/8" M-1/2" F 400 bar 90°C.	Stainless steel bearing swivel joint 3/8" M-1/2" F 600 bar 90°C	Stainless steel check-valve 1/2" AISI 316 PTFE seal 16 bar.	Valvola di non ritorno inox 1/2" 400 bar / Stainless steel check-valve 1/2" 400 bar.
<b>4965 - Ø24</b>	<b>4880</b>	<b>4881</b>	<b>4882</b>
Stainless steel AISI 316 swivel joint 1" with sealing for drinkable water, bore 24 mm (0.94 inch).	Galvanized steel swivel joint 1/2" M+F FKM Sealing 90° C (194°F) 300 bar (4351.1 psi).	Galvanized steel swivel joint 3/4" M+F FKM Sealing 90° C (194°F) 300 bar (4351.1 psi).	Galvanized steel swivel joint 1" M+F FKM Sealing 90° C (194°F) 300 bar (4351.1 psi).
<b>4883</b>	<b>4884</b>	<b>4885</b>	<b>4980</b>
Galvanized steel swivel joint 1" 1/4 M+F FKM Sealing 90° C (194°F) 300 bar (4351.1 psi).	Galvanized steel swivel joint 1" 1/2 M+F FKM Sealing 90° C (194°F) 300 bar (4351.1 psi).	Galvanized steel swivel joint 2" M+F FKM Sealing 90° C (194°F) 250 bar (3625.9 psi).	ST/ST AISI 316 swivel joint 1/2" M+F FKM Sealing 90° C (194°F) 250 bar (3625.9 psi).
<b>4981</b>	<b>4982</b>	<b>4983</b>	<b>4984</b>
ST/ST AISI 316 swivel joint 3/4" M+F FKM Sealing 90° C (194°F) 250 bar (3625.9 psi).	ST/ST AISI 316 swivel joint 1" M+F FKM Sealing 90° C (194°F) 250 bar (3625.9 psi)	ST/ST AISI 316 swivel joint 1" 1/4 M+F FKM Sealing 90° C (194°F) 180 bar (2610.6 psi).	ST/ST AISI 316 swivel joint 1" 1/2 M+F FKM Sealing 90° C (194°F) 150 bar (2175.5 psi).
<b>4985</b>	<b>4925</b>	<b>4950</b>	<b>4926 3/8"</b>
ST/ST AISI 316 swivel joint 2" M+F FKM Sealing 90° C (194°F) 150 bar (2175.5 psi).	Brass swivel joint 1/2" (bore 8 mm - 0.31 inch) max 20 bar (290 psi).	ST/ST swivel joint 3/8" M - 1/2" F in line, max 200 bar (3000 psi) 90°C (194°F) (on request up to 400 bar - 5801.5 psi or 600 bar - 8702.2 psi).	ST/ST swivel joint 3/8" F+M max 350 bar (5076.3 psi) 90°C (194°F).

<b>4926 1/2"</b>	<b>4812</b>	<b>4812 FOOD</b>	<b>4813</b>
ST/ST swivel joint 1/2" F+M max 200 bar (3000 psi) 120°C (248°F).	ST/ST AISI 316 swivel joint 1/2" F+M max 30 bar (435.1 psi) 90°C (194°F) FKM sealing.	ST/ST AISI 316 swivel joint 1/2" F+M max 30 bar (435.1 psi) 90°C (194°F) Silicon sealing, FDA approved.	ST/ST AISI 316 swivel joint 1/2" M - 3/4" F (bore 14 mm) max 30 bar (435.1 psi) 90°C (194°F) FKM sealing.
<b>4991</b>	<b>4992</b>	<b>4993</b>	<b>4994</b>
Right brass swivel joint for oxygen 3/8".	Left brass swivel joint for gas 3/8".	Stainless steel toggle joint F+F 1/4" max 200 bar (3000 psi) max 90°C (194°F) - water.	Stainless steel swivel joint 1" 1/4 max 50 bar (725.1 psi) 90°C (194°F) with FKM TM and Teflon TM sealing, bore 26 mm (1.02 inch).
<b>4995</b>	<b>4901</b>	<b>4912</b>	<b>4906</b>
Stainless steel swivel joint 1 1/2" max 50 bar (725.1 psi) 90°C (194°F) with FKM TM and Teflon TM sealing, bore 33 mm (1.29 inch).	ST/ST adaptor 1/2" F GAS BSP 1/2" F NPT.	ST/ST adaptor 1/2".	ST/ST nipple 3/8" - 1/2".
<b>4906 FE</b>	<b>4907</b>	<b>4908</b>	<b>4908 316</b>
Galvanized nipple 3/8" - 1/2".	ST/ST nipple m 22x1.5 - 1/2".	ST/ST nipple 1/2".	ST/ST AISI 316 nipple 1/2".
<b>4908 FE</b>	<b>4908 N</b>	<b>4909</b>	<b>4910</b>
Galvanized nipple 1/2".	ST/ST nipple 1/2" BSP CIL - 1/2" NPT.	ST/ST nipple 1".	Galvanized nipple 1".
<b>4911</b>	<b>4911 INOX</b>	<b>4914</b>	<b>4914 316</b>
Cromated brass reduction 3/4" M + 1/2" M.	ST/ST reduction 3/4" M + 1/2" M.	ST/ST nipple 3/4".	ST/ST AISI 316 nipple 3/4".

<b>4914 N</b>  ST/ST nipple 3/4" BSP CIL - 3/4" NPT.	<b>4915</b>  Galvanized nipple 3/4".	<b>4916</b>  ST/ST nipple 3/4" - 1".	<b>4916 316</b>  ST/ST AISI 316 nipple 3/4" - 1".
<b>4916 N</b>  ST/ST nipple 3/4" BSP CIL - 1" NPT.	<b>4917</b>  Galvanized nipple 3/4" - 1".	<b>4905</b>  Chromated brass m 22x1.5 female fitting.	<b>4905 INOX</b>  ST/ST m 22x1.5 female fitting.
<b>4923</b>  Brass fitting 3/4".	<b>4923 1"</b>  Brass fitting 1".	<b>4924</b>  Galvanized fitting 3/4".	<b>4924 1"</b>  Galvanized fitting 1".
<b>4927</b>  ST/ST fitting 3/4".	<b>4928</b>  ST/ST fitting 1".	<b>4932 1/2"</b>  Galvanized fitting 1/2".	<b>4932 3/8"</b>  Galvanized fitting 3/8".
<b>4933 3/8"</b>  ST/ST fitting 3/8".	<b>4933 1/2"</b>  ST/ST fitting 1/2".	<b>4934</b>  Chromated brass fitting 1/2".	<b>4939</b>  1/2" hose bumper hole 20 mm (0.78 inch).
<b>4940</b>  1" hose bumper hole 34 mm (1.33 inch) (32-37 mm / 1.25-1.45 inch).	<b>4941</b>  3/4" hose bumper hole 26 mm (1.02 inch) (24-30 mm / 0.94-1.18 inch).	<b>4947</b>  Hose bumper 1" 1/4 (38-48 mm / 1.49-1.88 inch).	<b>4948</b>  Hose bumper 1" 1/2 (48-53 mm / 1.88 - 2.08 inch).

<b>4942</b>  1/4" hose bumper hole 14 mm (0.55 inch) (14-15 mm / 0.55-0.59 inch).	<b>4943</b>  3/8" hose bumper hole 17 mm (0.66 inch) (16-18 mm / 0.62-0.70 inch).	<b>4944</b>  1/2" hose bumper hole 20 mm (0.78 inch) (19-21 mm / 0.74-0.82 inch).	<b>4945</b>  1/8" hose bumper hole 12 mm (0.47 inch) (11-12 mm / 0.43-0.47 inch).
<b>4946</b>  Hose bumper with 5 adapters: 11-13 mm (0.43-0.51 inch), 14-16 mm (0.55-0.62 inch), 17-19 mm (0.66-0.74 inch), 19-21 mm (0.74-0.82 inch), 22-24 mm (0.86-0.94 inch).	<b>7200</b>  Wall mounting AISI 304 ST/ST hose support (max L=40 mt / 131.2 ft 1/2" e L=20 mt / 65.6 ft 3/4").	<b>4935</b>  Stainless steel bend M+F for HR 1100.	<b>4938</b>  Stainless steel bend M+F for HR 3500.
<b>7012</b>  ST/ST single hose lance, 115 cm (45.2 inch) long, max 250 bar (3626 psi) 160°C (320°F) c/w nozzle inlet F 3/8".	<b>7015</b>  ST/ST double hoses lance, 115 cm (45.2 inch) long, inox 250 bar (3626 psi) 160°C (320°F) c/w nozzle inlet F 3/8".	<b>7030</b>  High pressure lance with adjustable jet, inlet 3/8", working pressure 200 bar (3000 psi), 100°C (212°F), 30 l/min, L=600 mm (23.6 inch).	<b>7024</b>  PE Foam lance with brass tap 1/2", without nozzle, max 20 bar (290 psi) 50°C (122°F), L=50 mm (1.96 inch).
<b>7040</b>  Spraying lance PVC pipe L=60 cm (23.6 inch). Inlet F 1/2".	<b>7050</b>  Spraying lance, ST/ST and FKM gun internal components, ST/ST lance and plastic nozzle F 1/2" inlet.	<b>7070</b>  Foaming lance, ST/ST and FKM gun internal components, ST/ST lance and plastic nozzle F 1/2" inlet.	<b>7080</b>  ST/ST telescopic pipe from 1 mt (3.28 ft) to 2 mt (6.56 ft). ST/ST and FKM internal. F 1/2" inlet.
<b>7000</b>  Polypropylene gun F+F 1/2" max 25 bar (362.5 psi) 60°C (140°F).	<b>5908</b>  Douche-head plastic gun in PA6.6 conformity 90/128CEE 2002/72/CE and FDA 177.1500, max pressure 8 bar (116 psi), max temperature 60°C (140°F), hose tail inlet 20 mm (0.78 inch).	<b>4808</b>  Alluminium air gun.	<b>4809</b>  Alluminium air+water gun, max 5 bar (72.5 psi) 50°C (122°F).
<b>7401</b>  Heavy duty brass water gun, with djustable jet max 24 bar (348 psi) 95°C (203°F), inlet 1/2" F.	<b>7401 INOX</b>  Heavy duty ST/ST AISI 316 water gun, with adjustable jet max 24 bar (348 psi) 95°C, (203°F) inlet 1/2" F.	<b>7401 STERIL</b>  Heavy duty ST/ST AISI 316 water gun, max 24 bar (348 psi) 95°C (203°F), inlet 1/2" F, steril 160°C (320°F).	<b>7401 EX</b>  Heavy duty ST/ST AISI 316 water gun, with adjustable jet max 24 bar (348 psi) 60°C (140°F), inlet 1/2" F.

<p><b>7401 FOOD</b></p>  <p>Light weight wash down guns, with adjustable jet max 12 bar (174 psi) 50°C (122°F), inlet 1/2" F.</p>	<p><b>7401 T</b></p>  <p>Heavy duty chrome plated brass water gun, with 1/2" male outlet max 24 bar (348 psi) 95°C (203°F), inlet 1/2" F.</p>	<p><b>7402 LIGHT</b></p>  <p>Light weight wash down guns, with adjustable jet max 10 bar (145 psi) 50°C (122°F), inlet 1/2" F.</p>	<p><b>7402 P</b></p>  <p>Light weight wash down guns, with adjustable jet max 10 bar (145 psi) 50°C (122°F), inlet 1/2" F.</p>
<p><b>7401 P</b></p>  <p>Heavy duty brass water gun, with adjustable jet max 24 bar (348 psi) 90°C (194°F), inlet 1/2" F.</p>	<p><b>7013</b></p>  <p>ST/ST gun, inlet swivel, max 65 bar (942.7 psi) 60 l/min 100°C. Inlet-outlet F+F 1/2".</p>	<p><b>7014</b></p>  <p>ST/ST water gun with inlet swivel 1/2", max 200 bar (3000 psi) 80 l/min 160°C (320°F). Inlet outlet 1/2" F.</p>	<p><b>7016</b></p>  <p>Brass water gun with inlet swivel 1/2", max 200 bar (3000 psi) 80 l/min 160°C (320°F). Inlet outlet 1/2" F.</p>
<p><b>7010</b></p>  <p>Steam gun, inlet outlet 1/4" F. Max 10 bar (145 psi) 180°C (356°F).</p>	<p><b>7300</b></p>  <p>ST/ST low pressure water gun support.</p>	<p><b>7301</b></p>  <p>ST/ST high pressure lance (or nozzle) wall support.</p>	<p><b>7302</b></p>  <p>ST/ST high pressure lances (or nozzles) wall support.</p>
<p><b>7303</b></p>  <p>ST/ST high pressure lances (or nozzles) wall support.</p>	<p><b>7305 AVM</b></p>  <p>ST/ST low pressure water gun support (for manual hose reel). Available for AVM series 98XX and 99XX.</p>	<p><b>7305</b></p>  <p>ST/ST low pressure water gun support (for automatic hose reel).</p>	<p><b>7433</b></p>  <p>ST/ST lance with blu handle complete with outlet 1/4" F and inlet 4904 M. Without nozzle. 200 bar (3000 psi) 40 l/min L=1 mt (3.28 ft).</p>
<p><b>7431</b></p>  <p>Stainless steel lance with foam NOZZLE (4805) and inlet 4904M L=50 cm (19.6 inch).</p>	<p><b>7432</b></p>  <p>Stainless steel lance with foam NOZZLE (4805) and inlet 4904M L=20 cm (7.87 inch).</p>	<p><b>7411</b></p>  <p>ST/ST extension hose, inlet/outlet 1/4". Without nozzle.</p>	<p><b>7009</b></p>  <p>Brass steam nozzle 1/4" F.</p>
<p><b>4904 M</b></p>  <p>ST/ST AISI 316 quick release coupler max 200 bar (3000 psi) 100°C (212°F) M 1/2".</p>	<p><b>4904 F</b></p>  <p>Stainless steel AISI 316 quick release coupler max 200 bar (3000 psi) 100°C (212°F) F 1/2".</p>	<p><b>4902 M</b></p>  <p>Chromated brass quick release coupler male part max 10 bar (145 psi) 80°C (176°F) M1/2".</p>	<p><b>4902 F</b></p>  <p>Chromated brass quick release coupler female part max 10 bar (145 psi) 80°C (176°F) M1/2".</p>

<p><b>4800</b></p>  <p>Rubber coupling protection, fit on female coupler 4904 F and 4902 F.</p>	<p><b>4801</b></p>  <p>Stainless steel rubber protected ball valve max 60 bar (870 psi) 95°C (203°F) F+F 1/2".</p>	<p><b>4802</b></p>  <p>Complete Stainless steel foam nozzle with white protection, nozzle 50° 200 l/min at 20 bar (290 psi).</p>	<p><b>4803</b></p>  <p>Complete ST/ST rinsing/spraying nozzle with blue protection, nozzle 25°, 30 l/min at 20 bar (290 psi). Also available in green, red and black.</p>
<p><b>4804</b></p>  <p>Complete ST/ST rinsing/spraying nozzle with yellow protection, nozzle 25°, 60 l/min at 20 bar (290 psi). Also available in green, red and black.</p>	<p><b>4805</b></p>  <p>ST/ST NOZZLE 1/2" 50° 200 l/min at 20 bar (290 psi).</p>	<p><b>4806</b></p>  <p>ST/ST NOZZLE 1/4" 25° 30 l/min at 20 bar (290 psi).</p>	<p><b>4807</b></p>  <p>ST/ST NOZZLE 1/4" 25° 60 l/min at 20 bar (290 psi).</p>
<p><b>7003</b></p>  <p>Spraying nozzle (for 7050).</p>	<p><b>7004</b></p>  <p>Foaming nozzle (for 7070).</p>	<p><b>7005</b></p>  <p>High pressure nozzle 1/4".</p>	<p><b>7006</b></p>  <p>Sanificating high pressure nozzle 1/4".</p>
<p><b>7007</b></p>  <p>Foaming nozzle (for 7025 - 7012 sp). (6x12 mm 60° / 0.23x0.47 inch).</p>	<p><b>7003 F</b></p>  <p>ST/ST filter (for 7050).</p>	<p><b>4810</b></p>  <p>ST/ST ball valve with oval shaped lever 20 bar (290 psi) F+F 1/2".</p>	<p><b>4811</b></p>  <p>ST/ST ball valve with oval shaped lever 20 bar (290 psi) F+F 3/4".</p>
<p><b>4851</b></p>  <p>Stainless steel non-return (check) valve 1/4" F+F 400 bar (5800 psi) 90°C (194°F).</p>	<p><b>7008</b></p>  <p>Nozzles for hose unblocking (max 250 bar / 3626 psi).</p>	<p><b>STR 1</b></p>  <p>Galvanized wringing machine with wall support.</p>	<p><b>STR 2</b></p>  <p>Galvanized wringing machine with wall support and painted steel basin.</p>
<p><b>STR 3</b></p>  <p>Galvanized wringing machine with powder coated steel support and basin.</p>	<p><b>STR 4</b></p>  <p>Galvanized wringing machine with stainless steel support and basin.</p>	<p><b>7018</b></p>  <p>Chemical injector in brass with ST/ST nozzle, low pressure 20 bar (290 psi) 50°C (122°F) with by-pass and metering screw. Inlet outlet 3/8" F.</p>	<p><b>7019</b></p>  <p>Chemical injector in ST/ST nozzle, pressure up to 200 bar (3000 psi) 50°C (122°F) with by-pass and metering screw. Inlet outlet 3/8" F.</p>

<p><b>7017</b></p> <p>Chemical injector in ST/ST, max pressure up to 350 bar (5076 psi) 90°C (194°F) with metering tips. Inlet outlet 3/8" M.</p>	<p><b>7900</b></p> <p>Wall rollers (bore 70x40 mm / 2.75x1.57 inch).</p>	<p><b>4930</b></p> <p>Hand grip 3/8" hole 17 mm (0.66 inch)</p>	<p><b>4931</b></p> <p>Hand grip 1/2" hole 20 mm (0.78 inch).</p>
<p><b>7320</b></p> <p>ST/ST 5 lt tank holder.</p>	<p><b>KIT 10</b></p> <p>EPDM sealing kit for swivel joint 9,5 mm / 0.37 inch hole for swivel joint 4961.</p>	<p><b>KIT 10 PU</b></p> <p>PU poliurethane sealing kit for swivel joint 9,5 mm / 0.37 inch hole for swivel joint 4964.</p>	<p><b>KIT 10 NEW</b></p> <p>Seal bushing for swivel joint 9,5 mm / 0.37 inch hole for swivel joint 4962.</p>
<p><b>KIT 10 NEW 316</b></p> <p>Seal bushing for swivel joint 9,5 mm / 0.37 inch hole for swivel joint 4960 1/2".</p>	<p><b>KIT 11 NEW</b></p> <p>Seal bushing for swivel joint 11,5 mm hole for swivel joints 4963 - 4961-12.</p>	<p><b>KIT 12</b></p> <p>Stainless steel spring for ratchet, standard for all the spring driven hose reels.</p>	<p><b>KIT 20 NEW FE</b></p> <p>Seal Bushing for swivel joint 1" (FKM seals) code 4969.</p>
<p><b>KIT 20 NEW</b></p> <p>Seal bushing for swivel joint 1" code 4971.</p>	<p><b>KIT 400</b></p> <p>Seal bushing for swivel joint 9,5 mm / 0.37 inch hole 400 bar (5800 psi) code 4962 400.</p>	<p><b>KIT 600</b></p> <p>Seal bushing for swivel joint 9,5 mm / 0.37 inch hole 600 bar (8702 psi) code 4962 600.</p>	<p><b>KIT 20 NEW 316</b></p> <p>Seal Bushing AISI 316 for swivel joint 1" (FKM seals) code: 4960 1".</p>
<p><b>KIT 88</b></p> <p>AV 813-815-817 SERIES main spring + spring case - Complete Set .</p>	<p><b>KIT 89</b></p> <p>AV 820 SERIES main spring + spring case - Complete Set.</p>	<p><b>KIT 90</b></p> <p>AV 816-825-830 SERIES main spring + spring case - Complete Set.</p>	<p><b>KIT 91</b></p> <p>AV/HR 1000 - AV/HR 1500 - AV/HR 1200 - AV 7120 SERIES main spring +spring case - complete set.</p>
<p><b>KIT 92</b></p> <p>AV/HR 1100 - AV 2000 - AV 2200 - AV/HR 1300 - AV 7110 SERIES main spring +spring case - COMPLETE SET.</p>	<p><b>KIT 93</b></p> <p>Ratchet + small st/st spring + st/st screw STANDARD on all the automatic spring driven reels.</p>	<p><b>KIT 94</b></p> <p>AV/HR 3500 - AV/HR 3502 - AV/HR 3503 - AV 7350 - AV 7352 - AV 7353 SERIES main spring +spring case.</p>	<p><b>KIT 101</b></p> <p>AV/HR 3400 - AV/HR 3501 - AV 7351 SERIES main spring + spring case.</p>

<p><b>KIT AVC 1</b></p> <p>Swivle joint for AVC 1/4".</p>	<p><b>KIT AVC 2</b></p> <p>Swivle joint for AVC 3/8".</p>	<p><b>KIT CR 1</b></p> <p>Plastic rack standard for all the spring driven hose reels.</p>	<p><b>KIT RC 10</b></p> <p>Plastic Ratchet standard for all the spring driven hose reels.</p>
<p><b>KIT RC 20</b></p> <p>Screw for ratchet standard for all the spring driven hose reels.</p>	<p><b>KIT 81</b></p> <p>Black handle + screw + stainless steel crank arm standard for all the manual driven hose reels.</p>	<p><b>KIT BS</b></p> <p>Foam block standard on 1625 - 1645 - 1655 - 1665 - 1685 series.</p>	<p><b>KIT IM 1</b></p> <p>Blue filling funnel standard on 1624-1625-1644-1645-1685-1684.</p>
<p><b>KIT MRO</b></p> <p>Manometer.</p>	<p><b>KIT PU</b></p> <p>Polyurethan hose for foaming tanks L=10 mt (32.8 ft) + nickel plated fittings F+M 1/4".</p>	<p><b>KIT RI</b></p> <p>Spiral RilsanTM hose for spraying tanks L=7 mt (23 ft) + nickel plated fittings M+M 1/4".</p>	<p><b>KIT TS</b></p> <p>Tank cap.</p>
<p><b>KIT MT</b></p> <p>Metering tips box.</p>	<p><b>KIT REG</b></p> <p>Pressure reducer 1/4" for foaming devices codes: 7801 - 7802.</p>		