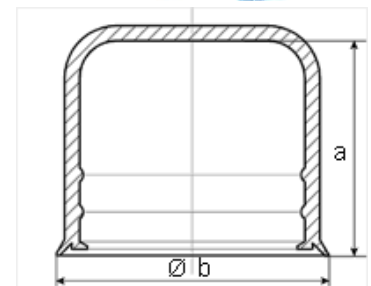


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- Exellent protection against capillary moisture penetration
- Materiaal: High Quality Polyethyleen (LD-PE) with additive for UV & OZON resistance > 20 years
- Standard colour black—All RAL colours possible

| Partno. | Internal heighth (mm) | M | UNC | a (mm) | b (mm) |
|---|-----------------------|-----|-------|--------|--------|
| Design with included protection of DIN/ISO washer possible for all sizes! | | | | | |
| SW8-5 | 5 | M5 | | 5 | 12.0 |
| SW8-10 | 10 | M5 | | 10 | 12.0 |
| SW10-6 | 6 | M6 | | 6 | 15.0 |
| SW10-11 | 11 | M6 | | 11 | 15.0 |
| SW10-16 | 16 | M6 | | 16 | 15.0 |
| SW10-34 | 34 | M6 | | 34 | 15.0 |
| SW12-7 | 7 | | | 7 | 17.7 |
| SW13-8 | 8 | M8 | 1/4" | 8 | 18.5 |
| SW13-13 | 13 | M8 | 1/4" | 13 | 18.5 |
| SW13-18 | 18 | M8 | 1/4" | 18 | 18.5 |
| SW13-27 | 27 | M8 | 1/4" | 27 | 18.5 |
| SW17-10 | 10 | M10 | 3/8" | 10 | 23.5 |
| SW17-15 | 15 | M10 | 3/8" | 15 | 23.5 |
| SW17-20 | 20 | M10 | 3/8" | 20 | 23.5 |
| SW17-24 | 24 | M10 | 3/8" | 24 | 23.5 |
| SW17-29 | 29 | M10 | 3/8" | 29 | 23.5 |
| SW17-45 | 45 | M10 | 3/8" | 45 | 23.5 |
| SW19-12 | 12 | M12 | 7/16" | 12 | 26.1 |
| SW19-17 | 17 | M12 | 7/16" | 17 | 26.1 |
| SW19-22 | 22 | M12 | 7/16" | 22 | 26.1 |
| SW19-27 | 27 | M12 | 7/16" | 27 | 26.1 |
| SW19-37 | 37 | M12 | 7/16" | 37 | 26.1 |
| SW19-50 | 50 | M12 | 7/16" | 50 | 26.1 |



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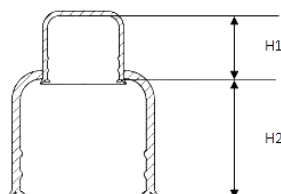
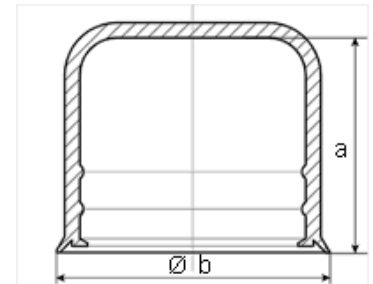
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| Partno. | Internal heighth (mm) | M | UNC | a (mm) | b (mm) |
|---|-----------------------|-----|-------|--------|--------|
| Design with included protection of DIN/ISO washer possible for all sizes! | | | | | |
| SW22-11 | 11 | M14 | 1/2" | 11 | 29.0 |
| SW22-14 | 14 | M14 | 1/2" | 14 | 30.3 |
| SW22-35 | 35 | M14 | 1/2" | 35 | 30.3 |
| SW22-40T | 40 telescopic | M14 | 1/2" | 40 | 30.3 |
| SW22-44 | 44 | M14 | 1/2" | 44 | 30.3 |
| SW22-51T | 51 telescopic | M14 | 1/2" | 51 | 30.3 |
| SW22-60T | 60 telescopic | M14 | 1/2" | 60 | 30.3 |
| SW22-64 | 64 | M14 | 1/2" | 64 | 30.3 |
| SW22-77T | 77 telescopic | M14 | 1/2" | 77 | 30.3 |
| SW22-87T | 87 telescopic | M14 | 1/2" | 87 | 30.3 |
| SW24-11 | 11 | M16 | 9/16" | 11 | 32.3 |
| SW24-21 | 21 | M16 | 9/16" | 21 | 32.3 |
| SW24-26 | 26 | M16 | 9/16" | 26 | 32.3 |
| SW24-31 | 31 | M16 | 9/16" | 31 | 32.3 |
| SW24-41 | 41 | M16 | 9/16" | 41 | 32.3 |
| SW24-41T | 41 telescopic | M16 | 9/16" | 41 | 32.3 |
| SW24-51 | 51 telescopic | M16 | 9/16" | 51 | 32.3 |
| SW24-62T | 62 telescopic | M16 | 9/16" | 62 | 32.3 |
| SW24-66T | 66 telescopic | M16 | 9/16" | 66 | 32.3 |
| SW24-70T | 70 telescopic | M16 | 9/16" | 70 | 32.3 |
| SW24-87T | 87 telescopic | M16 | 9/16" | 87 | 32.3 |
| SW27-23 | 23 | M18 | 5/8" | 23 | 36.9 |
| SW27-30 | 30 | M18 | 5/8" | 30 | 36.9 |



Telescopic design



2



P.O. box 200
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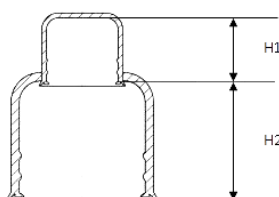
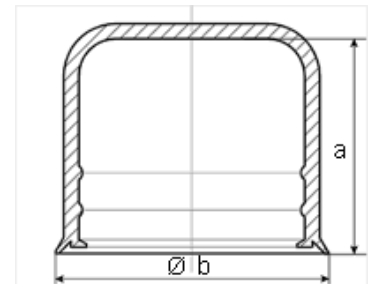
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| Partno. | Internal heigth (mm) | M | UNC | a (mm) | b (mm) |
|---|----------------------|-----|------|--------|--------|
| Design with included protection of DIN/ISO washer possible for all sizes! | | | | | |
| SW27-38 | 38 | M18 | 5/8" | 38 | 36.9 |
| SW27-48T | 48 telescopic | M18 | 5/8" | 48 | 36.9 |
| SW27-53T | 53 telescopic | M18 | 5/8" | 53 | 36.9 |
| SW27-63T | 63 telescopic | M18 | 5/8" | 63 | 36.9 |
| SW27-76T | 76 telescopic | M18 | 5/8" | 76 | 36.9 |
| SW30-14 | 14 | M20 | | 14 | 40.4 |
| SW30-24 | 24 | M20 | | 24 | 40.4 |
| SW30-28 | 28 | M20 | | 28 | 40.4 |
| SW30-34 | 34 | M20 | | 34 | 40.4 |
| SW30-39 | 39 | M20 | | 39 | 40.4 |
| SW30-47 | 47 | M20 | | 47 | 40.4 |
| SW30-67T | 67 telescopic | M20 | | 67 | 40.4 |
| SW30-79 | 79 | M20 | | 79 | 40.4 |
| SW30-90T | 90 telescopic | M20 | | 90 | 40.4 |
| SW30-92T | 92 telescopic | M20 | | 92 | 40.4 |
| SW30-109T | 109 telescopic | M20 | | 109 | 40.4 |
| SW30-120 | 120 | M20 | | 120 | 40.4 |
| SW30-175T | 175 telescopic | M20 | | 175 | 40.4 |
| SW32-27 | 27 | M22 | 3/4" | 27 | 42.1 |
| SW32-37 | 37 | M22 | 3/4" | 37 | 42.1 |
| SW32-70T | 70 telescopic | M22 | 3/4" | 70 | 42.1 |
| SW32-95T | 95 telescopic | M22 | 3/4" | 95 | 42.1 |
| SW36-28 | 28 | M24 | 7/8" | 28 | 47.2 |



Telescopic design



3



P.O. box 200
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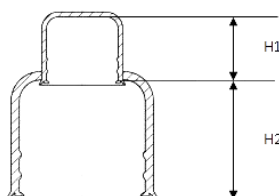
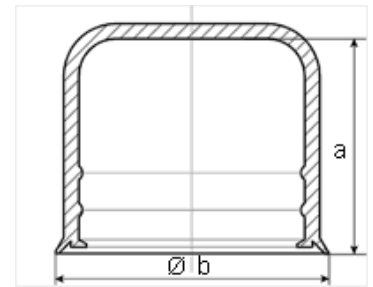
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|---|----------------------|-----|--------|--------|--------|
| Design with included protection of DIN/ISO washer possible for all sizes! | | | | | |
| SW36-33 | 33 | M24 | 7/8" | 33 | 47.2 |
| SW36-38 | 38 | M24 | 7/8" | 38 | 47.2 |
| SW36-43 | 43 | M24 | 7/8" | 43 | 47.2 |
| SW36-52 | 52 | M24 | 7/8" | 52 | 47.2 |
| SW36-69T | 69 telescopic | M24 | 7/8" | 69 | 47.2 |
| SW36-73 | 73 | M24 | 7/8" | 73 | 47.2 |
| SW36-88T | 88 telescopic | M24 | 7/8" | 88 | 47.2 |
| SW36-99T | 99 telescopic | M24 | 7/8" | 99 | 47.2 |
| SW36-117T | 117 telescopic | M24 | 7/8" | 117 | 47.2 |
| SW36-145T | 145 telescopic | M24 | 7/8" | 145 | 47.2 |
| SW41-31 | 31 | M27 | 1" | 31 | 53.4 |
| SW41-41 | 41 | M27 | 1" | 41 | 53.4 |
| SW41-46 | 46 | M27 | 1" | 46 | 53.4 |
| SW41-51 | 51 | M27 | 1" | 51 | 53.4 |
| SW41-66T | 66 telescopic | M27 | 1" | 66 | 53.4 |
| SW41-69T | 69 telescopic | M27 | 1" | 69 | 53.4 |
| SW41-76 | 76 | M27 | 1" | 76 | 53.4 |
| SW41-98T | 98 telescopic | M27 | 1" | 98 | 53.4 |
| SW41-101T | 101 telescopic | M27 | 1" | 101 | 53.4 |
| SW41-115T | 115 telescopic | M27 | 1" | 115 | 53.4 |
| SW41-150T | 150 telescopic | M27 | 1" | 150 | 53.4 |
| SW46-34 | 34 | M30 | 1-1/8" | 34 | 59.5 |
| SW46-44 | 44 | M30 | 1-1/8" | 44 | 59.5 |



Telescopic design



4



P.O. box 200
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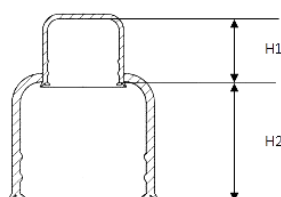
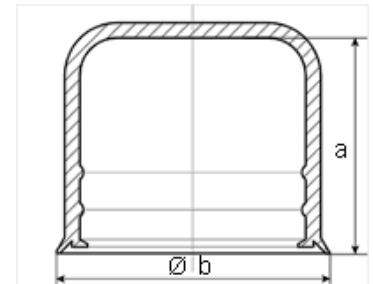
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|---|----------------------|-----|--------|--------|--------|
| Design with included protection of DIN/ISO washer possible for all sizes! | | | | | |
| SW46-49 | 49 | M30 | 1-1/8" | 49 | 59.5 |
| SW46-79 | 79 | M30 | 1-1/8" | 79 | 59.5 |
| SW46-89T | 89 | M30 | 1-1/8" | 89 | 59.5 |
| SW46-92T | 92 telescopic | M30 | 1-1/8" | 92 | 59.5 |
| SW46-112T | 112 telescopic | M30 | 1-1/8" | 112 | 59.5 |
| SW46-121T | 121 telescopic | M30 | 1-1/8" | 121 | 59.5 |
| SW46-144 | 144 | M30 | 1-1/8" | 144 | 59.5 |
| SW46-150T | 150 telescopic | M30 | 1-1/8" | 150 | 59.5 |
| SW46-185T | 185 telescopic | M30 | 1-1/8" | 185 | 59.5 |
| SW46-221T | 212 telescopic | M30 | 1-1/8" | 221 | 59.5 |
| SW46-256T | 256 telescopic | M30 | 1-1/8" | 256 | 59.5 |
| SW50-51 | 51 | M33 | 1-1/4" | 51 | 64.2 |
| SW50-81 | 81 | M33 | 1-1/4" | 81 | 64.2 |
| SW50-83T | 83 telescopic | M33 | 1-1/4" | 83 | 64.2 |
| SW50-111T | 111 telescopic | M33 | 1-1/4" | 111 | 64.2 |
| SW50-115T | 115 telescopic | M33 | 1-1/4" | 115 | 64.2 |
| SW50-144T | 144 telescopic | M33 | 1-1/4" | 144 | 64.2 |
| SW55-55 | 55 | M36 | 1-3/8" | 55 | 70.2 |
| SW55-85 | 85 | M36 | 1-3/8" | 85 | 70.2 |
| SW55-92T | 92 telescopic | M36 | 1-3/8" | 92 | 70.2 |
| SW55-101T | 101 telescopic | M36 | 1-3/8" | 101 | 70.2 |
| SW55-120T | 120 telescopic | M36 | 1-3/8" | 120 | 70.2 |
| SW55-121T | 121 telescopic | M36 | 1-3/8" | 121 | 70.2 |



Telescopic design



5



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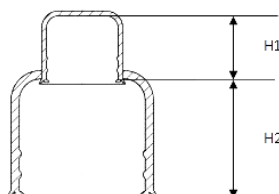
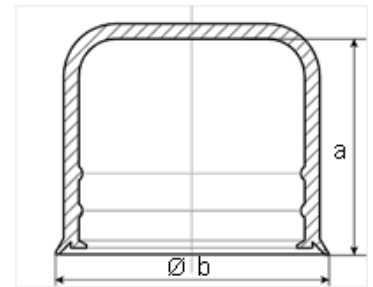
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|---|----------------------|-----|--------|--------|--------|
| Design with included protection of DIN/ISO washer possible for all sizes! | | | | | |
| SW55-149T | 149 telescopic | M36 | 1-3/8" | 149 | 70.2 |
| SW55-155 | 155 | M36 | 1-3/8" | 155 | 70.2 |
| SW55-192T | 192 telescopic | M36 | 1-3/8" | 192 | 70.2 |
| SW55-201T | 201 telescopic | M36 | 1-3/8" | 201 | 70.2 |
| SW55-255T | 255 telescopic | M36 | 1-3/8" | 225 | 70.2 |
| SW60-57 | 57 | M39 | 1-1/2" | 57 | 78.6 |
| SW60-87 | 87 | M39 | 1-1/2" | 87 | 78.6 |
| SW60-97T | 97 telescopic | M36 | 1-1/2" | 97 | 78.6 |
| SW60-107 | 107 | M39 | 1-1/2" | 107 | 78.6 |
| SW60-125T | 125 telescopic | M39 | 1-1/2" | 125 | 78.6 |
| SW60-126T | 126 telescopic | M39 | 1-1/2" | 126 | 78.6 |
| SW60-139T | 139 telescopic | M39 | 1-1/2" | 139 | 78.6 |
| SW60-154 | 154 telescopic | M39 | 1-1/2" | 154 | 78.6 |
| SW65-61 | 61 | M42 | 1-5/8" | 61 | 84.8 |
| SW65-91 | 91 | M42 | 1-5/8" | 91 | 84.8 |
| SW65-100T | 100 telescopic | M42 | 1-5/8" | 100 | 84.8 |
| SW65-123 | 123 | M42 | 1-5/8" | 123 | 84.8 |
| SW65-128T | 128 telescopic | M42 | 1-5/8" | 128 | 84.8 |
| SW65-129T | 129 telescopic | M42 | 1-5/8" | 129 | 84.8 |
| SW65-145 | 145 | M42 | 1-5/8" | 145 | 94.0 |
| SW65-158T | 158 telescopic | M42 | 1-5/8" | 158 | 84.8 |
| SW55-191T | 191 telescopic | M42 | 1-5/8" | 191 | 84.8 |
| SW70-63 | 63 | M45 | 1-3/4" | 63 | 90.9 |



Telescopic design



6



P.O. box 200
NL-5750AE, Deurne

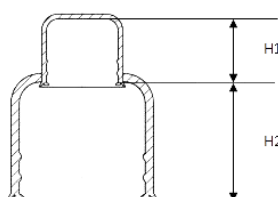
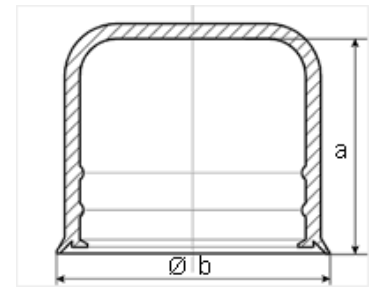
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|---|----------------------|-----|--------|--------|--------|
| Design with included protection of DIN/ISO washer possible for all sizes! | | | | | |
| SW70-93 | 93 | M45 | 1-3/4" | 93 | 90.9 |
| SW70-105T | 105 telescopic | M45 | 1-3/4" | 105 | 90.9 |
| SW70-113 | 113 | M45 | 1-3/4" | 113 | 90.9 |
| SW70-133T | 133 telescopic | M45 | 1-3/4" | 133 | 90.9 |
| SW70-134T | 134 telescopic | M45 | 1-3/4" | 134 | 90.9 |
| SW70-163T | 163 telescopic | M45 | 1-3/4" | 163 | 90.9 |
| SW75-66 | 66 | M48 | 1-7/8" | 66 | 97.0 |
| SW75-96 | 96 | M48 | 1-7/8" | 96 | 97.0 |
| SW75-108T | 108 telescopic | M48 | 1-7/8" | 108 | 97.0 |
| SW75-137T | 137 telescopic | M48 | 1-7/8" | 137 | 97.0 |
| SW75-138T | 138 telescopic | M48 | 1-7/8" | 138 | 97.0 |
| SW75-166T | 166 telescopic | M48 | 1-7/8" | 166 | 97.0 |
| SW75-230T | 230 telescopic | M48 | 1-7/8" | 230 | 97.0 |
| SW80-70 | 70 | M52 | 2" | 70 | 105.0 |
| SW80-114T | 114 telescopic | M52 | 2" | 114 | 105.0 |
| SW80-130 | 130 | M52 | 2" | 130 | 105.0 |
| SW80-142T | 142 telescopic | M52 | 2" | 142 | 105.0 |
| SW80-171T | 171 telescopic | M52 | 2" | 171 | 105.0 |
| SW80-201T | 201 telescopic | M52 | 2" | 201 | 105.0 |
| SW85-74 | 74 | M56 | | 74 | 109.0 |
| SW85-122T | 122 telescopic | M56 | | 122 | 109.0 |
| SW85-134 | 134 | M56 | | 134 | 109.0 |
| SW85-150T | 150 telescopic | M56 | | 150 | 109.0 |



Telescopic design



7



P.O. box 200
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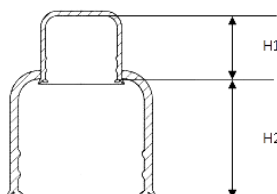
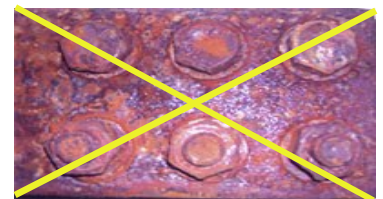
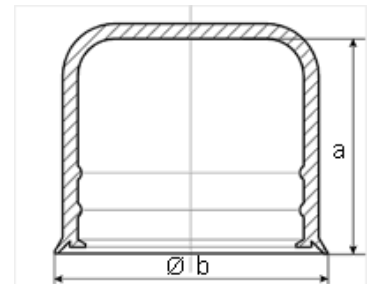
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|---|----------------------|-----|--------|--------|--------|
| Design with included protection of DIN/ISO washer possible for all sizes! | | | | | |
| SW85-179T | 179 telescopic | M56 | | 179 | 109.0 |
| SW85-209T | 209 telescopic | M56 | | 209 | 109.0 |
| SW90-78 | 78 | M60 | 2-1/4" | 78 | 120.0 |
| SW90-128T | 128 telescopic | M60 | 2-1/4" | 128 | 120.0 |
| SW90-140 | 140 | M60 | 2-1/4" | 140 | 120.0 |
| SW90-156T | 156 telescopic | M60 | 2-1/4" | 156 | 120.0 |
| SW90-182T | 182 telescopic | M60 | 2-1/4" | 182 | 120.0 |
| SW90-212T | 212 telescopic | M60 | 2-1/4" | 212 | 120.0 |
| SW95-86 | 86 | M64 | | 86 | 122.0 |
| SW95-140T | 140 telescopic | M64 | | 140 | 122.0 |
| SW95-143 | 143 | M64 | | 143 | 122.0 |
| SW95-169T | 169 telescopic | M64 | | 169 | 122.0 |
| SW95-189T | 189 telescopic | M64 | | 189 | 122.0 |
| SW95-219T | 219 telescopic | M64 | | 219 | 122.0 |
| SW100-90 | 90 | M68 | 2-1/2" | 90 | 125.0 |
| SW100-144T | 144 telescopic | M68 | 2-1/2" | 144 | 125.0 |
| SW100-150T | 150 telescopic | M68 | 2-1/2" | 150 | 125.0 |
| SW100-173T | 173 telescopic | M68 | 2-1/2" | 173 | 125.0 |
| SW100-193T | 193 telescopic | M68 | 2-1/2" | 193 | 125.0 |
| SW100-223T | 223 telescopic | M68 | 2-1/2" | 223 | 125.0 |
| SW105-90 | 90 | M72 | | 90 | 135.0 |
| SW105-134 | 147 telescopic | M72 | | 147 | 135.0 |
| SW105-150 | 150 | M72 | | 150 | 135.0 |



Telescopic design



8



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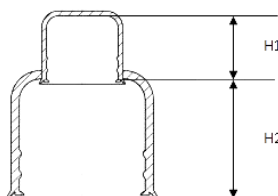
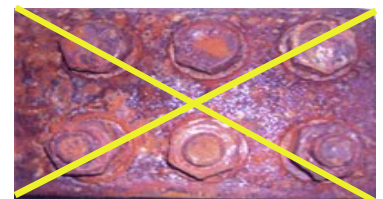
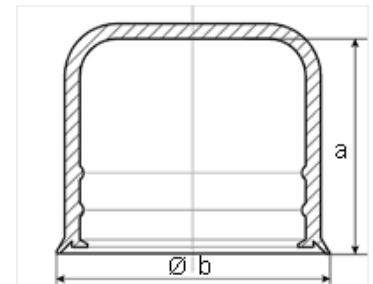
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- Exellent protection against capillary moisture penetration
- Materiaal: High Quality Polyethyleen (LD-PE) with additive for UV & OZON resistance > 20 years
- Standard colour black—All RAL colours possible

| Partno. | Internal heighth (mm) | M | UNC | a (mm) | b (mm) |
|---|-----------------------|-----|--------|--------|--------|
| Design with included protection of DIN/ISO washer possible for all sizes! | | | | | |
| SW105-176T | 176 telescopic | M72 | | 176 | 135.0 |
| SW105-204T | 204 telescopic | M72 | | 204 | 135.0 |
| SW105-233T | 233 telescopic | M72 | | 233 | 135.0 |
| SW105-270T | 270 telescopic | M72 | | 270 | 135.0 |
| SW107-95 | 95 | M76 | 2-3/4" | 95 | 137.0 |
| SW107-145T | 145 telescopic | M76 | 2-3/4" | 145 | 137.0 |
| SW107-205T | 205 telescopic | M76 | 2-3/4" | 205 | 137.0 |
| SW115-97 | 97 | M80 | | 97 | 152.0 |
| SW115-151T | 151 telescopic | M80 | | 151 | 152.0 |
| SW115-180 | 180 | M80 | | 151 | 152.0 |
| SW115-211T | 211 telescopic | M80 | | 211 | 152.0 |
| SW115-234T | 234 telescopic | M80 | | 234 | 152.0 |
| SW115-294T | 294 telescopic | M80 | | 294 | 152.0 |
| SW117-100 | 100 | M85 | 3" | 100 | 155.0 |
| SW117-158T | 158 telescopic | M85 | 3" | 158 | 155.0 |
| SW117-220T | 220 telescopic | M85 | 3" | 158 | 155.0 |
| SW130-100 | 100 | M90 | 3-1/4" | 100 | 173.0 |
| SW130-166T | 166 telescopic | M90 | 3-1/4" | 166 | 173.0 |
| SW130-223T | 223 telescopic | M90 | 3-1/4" | 223 | 173.0 |
| SW...-.... | On request... | | | | |
| RAL colour?? | On request... | | | | |



Telescopic design



P.O. box 200
NL-5750AE, Deurne

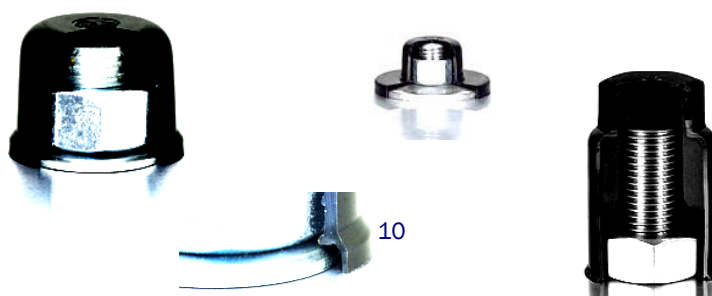
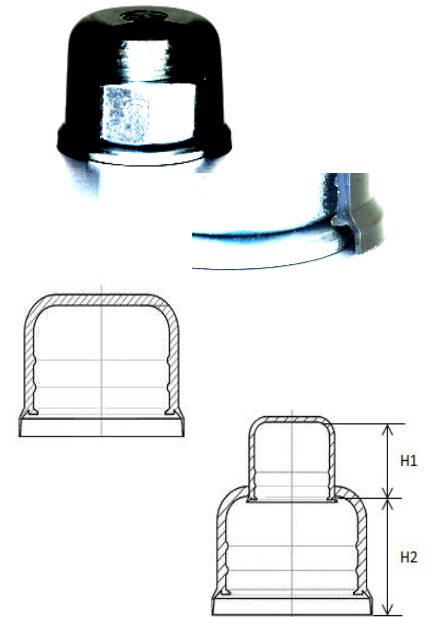
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- Metric sizes from M5 to M90 (UNC ¼" to UNC 3¼") in various heights
- Specials with fixing on to studs instead of nuts possible, just ask us and we'll find the solution

| Partno. | Total internal height (mm) | M | UNC | H1 (mm) | H2 (mm) | Washer height (mm) | Washer OD (mm) |
|-----------|----------------------------|-----|-------|---------|---------|--------------------|----------------|
| SW7R-5 | 5 | M4 | | | 5 | 0.8 | 9.0 |
| SW8R-6 | 6 | M5 | | | 6 | 1.0 | 10.0 |
| SW10R-7 | 7 | M6 | | | 7 | 1.6 | 12.0 |
| SW10R-13 | 13 | M6 | | | 13 | 1.6 | 12.0 |
| SW10R-18 | 18 | M6 | | | 18 | 1.6 | 12.0 |
| SW11R-13 | 13 | | | | 13 | 1.4 | 14.7 |
| SW13R-10 | 10 | M8 | 1/4" | | 10 | 1.6 | 16.0 |
| SW13R-14 | 14 | M8 | 1/4" | | 14 | 1.6 | 16.0 |
| SW13R-19 | 19 | M8 | 1/4" | | 19 | 1.6 | 16.0 |
| SW13R-29 | 29 | M8 | 1/4" | | 29 | 1.6 | 16.0 |
| SW17R-12 | 12 | M10 | 3/8" | | 12 | 2.0 | 20.0 |
| SW17R-17 | 17 | M10 | 3/8" | | 17 | 2.0 | 20.0 |
| SW17R-47 | 47 | M10 | 3/8" | | 47 | 2.0 | 20.0 |
| SW19R-15 | 15 | M12 | 7/16" | | 15 | 2.5 | 40.0 |
| SW19R-20 | 20 | M12 | 7/16" | | 20 | 2.5 | 40.0 |
| SW19R-25 | 25 | M12 | 7/16" | | 25 | 2.5 | 40.0 |
| SW19R-40 | 40 | M12 | 7/16" | | 40 | 2.5 | 40.0 |
| SW22R-22 | 22 | M14 | 1/2" | | 22 | 2.5 | 28.0 |
| SW22R-37 | 37 | M14 | 1/2" | | 37 | 2.5 | 28.0 |
| SW22R-48T | 48 telescopic | M14 | 1/2" | 15 | 37 | 2.5 | 28.0 |
| SW22R-53T | 53 telescopic | M14 | 1/2" | 20 | 37 | 2.5 | 28.0 |
| SW22R-57T | 57 telescopic | M14 | 1/2" | 24 | 37 | 2.5 | 28.0 |
| SW24R-19 | 19 | M16 | 9/16" | | 19 | 3.0 | 30.0 |
| SW24R-24 | 24 | M16 | 9/16" | | 24 | 3.0 | 30.0 |



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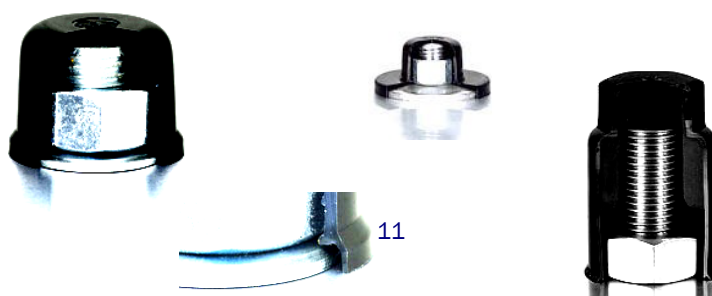
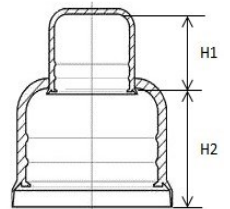
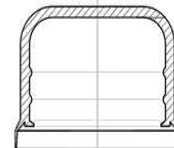
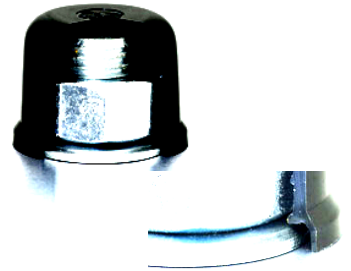
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| Partno. | Total internal height (mm) | M | UNC | H1 (mm) | H2 (mm) | Washer height (mm) | Washer OD (mm) |
|------------|----------------------------|-----|-------|---------|---------|--------------------|----------------|
| SW24R-29 | 29 | M16 | 9/16" | | 29 | 3.0 | 30.0 |
| SW24R-34 | 34 | M16 | 9/16" | | 34 | 3.0 | 30.0 |
| SW24R-54 | 54 | M16 | 9/16" | | 54 | 3.0 | 30.0 |
| SW24R-69 | 69 | M16 | 9/16" | | 69 | 3.0 | 30.0 |
| SW24R-73T | 73 telescopic | M16 | 9/16" | 24 | 54 | 3.0 | 30.0 |
| SW24R-85T | 85 telescopic | M16 | 9/16" | 20 | 69 | 3.0 | 30.0 |
| SW24R-89T | 89 telescopic | M16 | 9/16" | 24 | 69 | 3.0 | 30.0 |
| SW27R-26 | 26 | M18 | 5/8" | | 44 | 3.0 | 34.0 |
| SW27R-44T | 44 telescopic | M18 | 5/8" | 22 | 26 | 3.0 | 34.0 |
| SW27R-49T | 49 telescopic | M18 | 5/8" | 27 | 26 | 3.0 | 34.0 |
| SW27R-72T | 72 telescopic | M18 | 5/8" | 50 | 26 | 3.0 | 34.0 |
| SW30R-25 | 25 | M20 | | | 25 | 3.0 | 37.0 |
| SW30R-30 | 30 | M20 | | | 30 | 3.0 | 37.0 |
| SW30R-37 | 37 | M20 | | | 37 | 3.0 | 37.0 |
| SW30R-40 | 40 | M20 | | | 40 | 3.0 | 37.0 |
| SW30R-52 | 52 | M20 | | | 52 | 3.0 | 37.0 |
| SW30R-70T | 70 telescopic | M20 | | 35 | 37 | 3.0 | 37.0 |
| SW30R-82 | 82 | M20 | | | 82 | 3.0 | 37.0 |
| SW30R-95T | 95 telescopic | M20 | | 64 | 37 | 3.0 | 37.0 |
| SW30R-102T | 102 telescopic | M20 | | 24 | 82 | 3.0 | 37.0 |
| SW30R-112T | 112 telescopic | M20 | | 35 | 82 | 3.0 | 37.0 |
| SW30R-115T | 115 telescopic | M20 | | 64 | 52 | 3.0 | 37.0 |
| SW32R-40 | 40 | M22 | 3/4" | | 40 | 3.0 | 39.0 |
| SW32R-73T | 73 telescopic | M22 | 3/4" | 35 | 40 | 3.0 | 39.0 |



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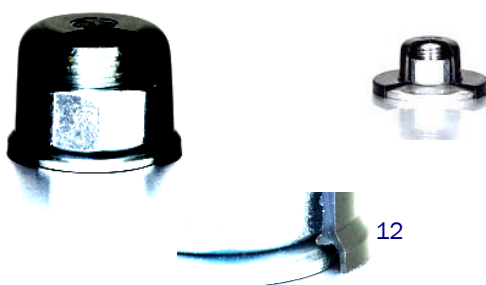
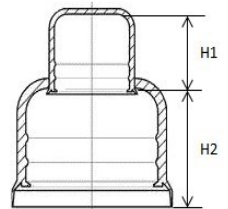
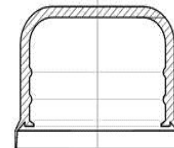
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| Partno. | Total internal height (mm) | M | UNC | H1 (mm) | H2 (mm) | Washer height (mm) | Washer OD (mm) |
|------------|----------------------------|-----|--------|---------|---------|--------------------|----------------|
| SW32R-98T | 98 telescopic | M22 | 3/4" | 64 | 40 | 3.0 | 39.0 |
| SW36R-32 | 32 | M24 | 7/8" | | 32 | 4.0 | 44.0 |
| SW36R-42 | 42 | M24 | 7/8" | | 42 | 4.0 | 44.0 |
| SW36R-56 | 56 | M24 | 7/8" | | 56 | 4.0 | 44.0 |
| SW36R-77 | 77 | M24 | 7/8" | | 77 | 4.0 | 44.0 |
| SW36R-83T | 83 telescopic | M24 | 7/8" | 31 | 56 | 4.0 | 44.0 |
| SW36R-102T | 102 telescopic | M24 | 7/8" | 31 | 77 | 4.0 | 44.0 |
| SW36R-103T | 103 telescopic | M24 | 7/8" | 51 | 56 | 4.0 | 44.0 |
| SW36R-120 | 120 | M24 | 7/8" | | 120 | 4.0 | 44.0 |
| SW36R-121T | 121 telescopic | M24 | 7/8" | 51 | 77 | 4.0 | 44.0 |
| SW36R-138T | 138 telescopic | M24 | 7/8" | 69 | 77 | 4.0 | 44.0 |
| SW41R-35 | 35 | M27 | 1" | | 35 | 4.0 | 50.0 |
| SW41R-45 | 45 | M27 | 1" | | 45 | 4.0 | 50.0 |
| SW41R-70T | 70 telescopic | M27 | 1" | 30 | 45 | 4.0 | 50.0 |
| SW41R-80 | 80 | M27 | 1" | | 80 | 4.0 | 50.0 |
| SW41R-105T | 105 telescopic | M27 | 1" | 30 | 80 | 4.0 | 50.0 |
| SW46R-38 | 38 | M30 | 1.1/8" | | 38 | 4.0 | 56.0 |
| SW46R-53 | 53 | M30 | 1.1/8" | | 53 | 4.0 | 56.0 |
| SW46R-83 | 83 | M30 | 1.1/8" | | 83 | 4.0 | 56.0 |
| SW46R-87T | 87 telescopic | M30 | 1.1/8" | 39 | 53 | 4.0 | 56.0 |
| SW46R-96T | 96 telescopic | M30 | 1.1/8" | 47 | 53 | 4.0 | 56.0 |
| SW46R-115T | 115 telescopic | M30 | 1.1/8" | 39 | 83 | 4.0 | 56.0 |
| SW46R-124T | 124 telescopic | M30 | 1.1/8" | 47 | 83 | 4.0 | 56.0 |
| SW46R-155T | 155 telescopic | M30 | 1.1/8" | 79 | 83 | 4.0 | 56.0 |



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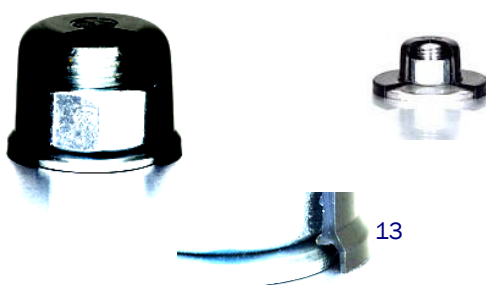
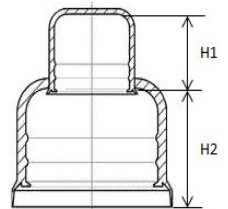
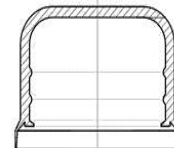
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| Partno. | Total internal height (mm) | M | UNC | H1 (mm) | H2 (mm) | Washer height (mm) | Washer OD (mm) |
|------------|----------------------------|-----|--------|---------|---------|--------------------|----------------|
| SW50R-41 | 41 | M33 | 1.1/4" | | 41 | 5.0 | 60.0 |
| SW50R-56 | 56 | M33 | 1.1/4" | | 56 | 5.0 | 60.0 |
| SW50R-86 | 86 | M33 | 1.1/4" | | 86 | 5.0 | 60.0 |
| SW50R-88T | 88 telescopic | M33 | 1.1/4" | 37 | 56 | 5.0 | 60.0 |
| SW50R-116T | 116 telescopic | M33 | 1.1/4" | 37 | 86 | 5.0 | 60.0 |
| SW50R-195T | 195 telescopic | M33 | 1.1/4" | 120 | 86 | 5.0 | 60.0 |
| SW55R-60 | 60 | M36 | 1.3/8" | | 60 | 5.0 | 66.0 |
| SW55R-90 | 90 | M36 | 1.3/8" | | 90 | 5.0 | 66.0 |
| SW55R-97T | 97 telescopic | M36 | 1.3/8" | 43 | 60 | 5.0 | 66.0 |
| SW55R-125T | 125 telescopic | M36 | 1.3/8" | 43 | 90 | 5.0 | 66.0 |
| SW55R-126T | 126 telescopic | M36 | 1.3/8" | 73 | 60 | 5.0 | 66.0 |
| SW55R-154T | 154 telescopic | M36 | 1.3/8" | 73 | 90 | 5.0 | 66.0 |
| SW55R-160 | 160 | M36 | 1.3/8" | | 160 | 5.0 | 66.0 |
| SW55R-200T | 200 telescopic | M36 | 1.3/8" | 52 | 160 | 5.0 | 66.0 |
| SW55R-221T | 221 telescopic | M36 | 1.3/8" | 73 | 160 | 5.0 | 66.0 |
| SW60R-63 | 63 | M39 | 1.1/2" | | 63 | 6.0 | 72.0 |
| SW60R-93 | 93 | M39 | 1.1/2" | | 93 | 6.0 | 72.0 |
| SW60R-130T | 130 telescopic | M39 | 1.1/2" | 76 | 63 | 6.0 | 72.0 |
| SW60R-160T | 160 telescopic | M39 | 1.1/2" | 76 | 93 | 6.0 | 72.0 |
| SW70R-70 | 70 | M45 | 1.3/4" | | 70 | 7.0 | 88.0 |
| SW70R-100 | 100 | M45 | 1.3/4" | | 100 | 7.0 | 88.0 |
| SW70R-112T | 112 telescopic | M45 | 1.3/4" | 79 | 70 | 7.0 | 88.0 |
| SW70R-140 | 140 | M45 | 1.3/4" | | 140 | 7.0 | 88.0 |
| SW70R-141T | 141 telescopic | M45 | 1.3/4" | 79 | 70 | 7.0 | 88.0 |



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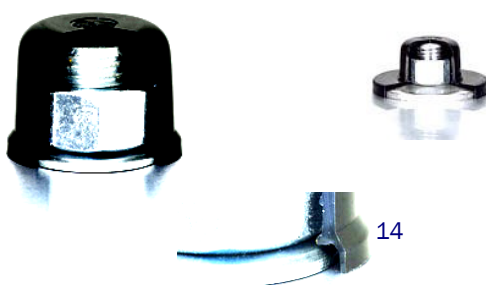
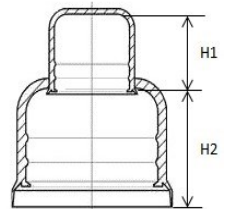
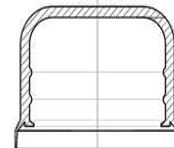
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|------------|----------------------------|-----|--------|---------|---------|--------------------|----------------|
| SW70R-142T | 142 telescopic | M45 | 1.3/4" | 49 | 100 | 7.0 | 88.0 |
| SW70R-171T | 171 telescopic | M45 | 1.3/4" | 79 | 100 | 7.0 | 88.0 |
| SW70R-182T | 182 telescopic | M45 | 1.3/4" | 49 | 140 | 7.0 | 88.0 |
| SW70R-211T | 211 telescopic | M45 | 1.3/4" | 79 | 140 | 7.0 | 88.0 |
| SW75R-74 | 74 | M48 | 1.7/8" | | 74 | 8.0 | 92.0 |
| SW75R-103 | 103 | M48 | 1.7/8" | | 103 | 8.0 | 92.0 |
| SW75R-116 | 116 | M48 | 1.7/8" | | 116 | 8.0 | 92.0 |
| SW75R-116T | 116 telescopic | M48 | 1.7/8" | 49 | 74 | 8.0 | 92.0 |
| SW75R-143T | 143 telescopic | M48 | 1.7/8" | 49 | 103 | 8.0 | 92.0 |
| SW75R-145T | 145 telescopic | M48 | 1.7/8" | 79 | 74 | 8.0 | 92.0 |
| SW75R-172T | 172 telescopic | M48 | 1.7/8" | 79 | 103 | 8.0 | 92.0 |
| SW80R-139 | 139 | M52 | 2" | | 139 | 8.0 | 98.0 |
| SW80R-175T | 175 telescopic | M52 | 2" | 51 | 139 | 8.0 | 98.0 |
| SW80R-205T | 205 telescopic | M52 | 2" | 81 | 39 | 8.0 | 98.0 |
| SW85R-83 | 83 | M56 | | | 83 | 9.0 | 105.0 |
| SW85R-130T | 130 telescopic | M56 | | 55 | 83 | 9.0 | 105.0 |
| SW85R-158T | 158 telescopic | M56 | | 85 | 83 | 9.0 | 105.0 |
| SW90R-83 | 83 | M60 | 2.1/4" | | 83 | 9.0 | 110.0 |
| SW90R-125T | 125 telescopic | M60 | 2.1/4" | 57 | 83 | 9.0 | 110.0 |
| SW90R-155T | 155 telescopic | M60 | 2.1/4" | 87 | 83 | 9.0 | 110.0 |
| SW95R-140 | 140 | M64 | | | 140 | 9.0 | 115.0 |
| SW95R-181T | 181 telescopic | M64 | | 61 | 140 | 9.0 | 115.0 |
| SW95R-211T | 211 telescopic | M64 | | 91 | 140 | 9.0 | 115.0 |
| SW100R-150 | 150 | M68 | 2.1/2" | | 150 | 10.0 | 120.0 |



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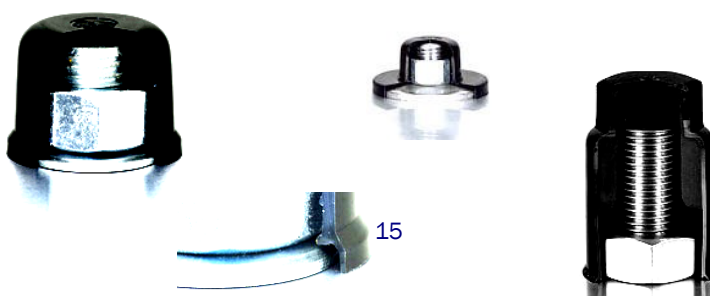
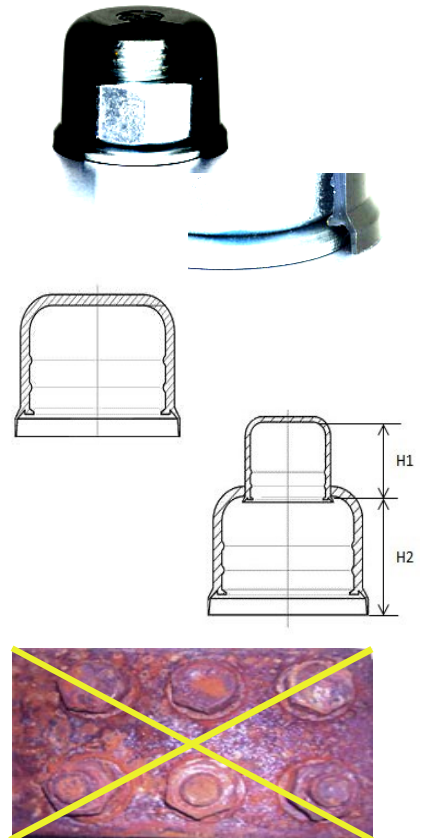
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|-------------|----------------------------|-----|--------|---------|---------|--------------------|----------------|
| SW100R-193T | 193 telescopic | M68 | 2.1/2" | 63 | 150 | 10.0 | 120.0 |
| SW100R-223T | 223 telescopic | M68 | 2.1/2" | 93 | 150 | 10.0 | 120.0 |
| SW105R-160 | 160 | M72 | | | 160 | 10.0 | 125.0 |
| SW105R-206T | 206 telescopic | M72 | | 66 | 160 | 10.0 | 125.0 |
| SW105R-236T | 236 telescopic | M72 | | 96 | 160 | 10.0 | 125.0 |
| SW107R-105 | 105 | M76 | 2.3/4" | | 105 | 11.0 | 137.0 |
| SW107R-156T | 156 telescopic | M76 | 2.3/4" | 70 | 105 | 11.0 | 137.0 |
| SW107R-226T | 226 telescopic | M76 | 2.3/4" | 130 | 105 | 11.0 | 137.0 |
| SW117R-115 | 115 | M85 | 3" | | 115 | 15.0 | 149.0 |
| SW117R-173T | 173 telescopic | M85 | 3" | 78 | 115 | 15.0 | 149.0 |
| SW117R-235T | 235 telescopic | M85 | 3" | 140 | 115 | 15.0 | 149.0 |
| SW130R-125 | 125 | M90 | 3.1/4" | | 125 | 15.0 | 159.0 |
| SW130R-181T | 181 telescopic | M90 | 3.1/4" | 86 | 125 | 15.0 | 159.0 |
| SW130R-238T | 238 telescopic | M90 | 3.1/4" | 143 | 125 | 15.0 | 159.0 |

Next to the standard sizes we can produce any other size you like.
Please send a request through email, phone or fax...

Other materials possible on standard protection caps: **PA—PP—TEEE—ETFE**

Standard colour is black (RAL 9005) but any RAL colour is possible on any quantity

Extra protection by special grease: **AC-FHT2** long time anti corrosion (sea-water)



Juisma SP
plastic protection & fixing specialists

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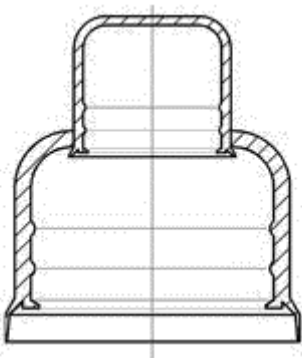
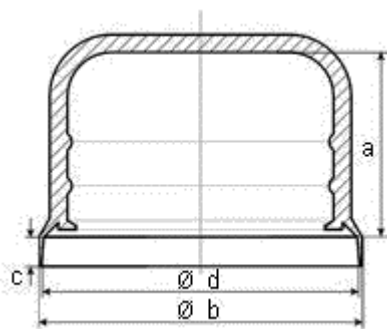
Washers protection according to DIN ISO 7089—7091 (DIN 125/126)

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