

Technical Data Sheet

Stepless® Low Profile Clamps

Product Group 168



Connecting Technology



Reusability: can be repeatedly opened and re-installed

360° Stepless®: uniform 360° compression or uniform surface pressure

Low installed height: minimum space requirement, low imbalance on rotating parts

Load retaining hooks: visual indication that clamp is correctly installed

Burr-free strip edges: reduced risk of damage to parts being clamped

Stepless® Low Profile Clamps Product Group 168

Material

PG 168 Stainless steel material No. 1.4301 or UNS S30400

Alternative materials available on request.

Corrosion resistance according to DIN EN ISO 9227

PG 168 ≥ 1000 h

Series

| Nominal diameter | width x thickness |
|------------------|-------------------|
| 10.5 – 19.0 mm | 9.0 x 0.5 mm |
| 19.5 – 110.0 mm | 7.0 x 0.6 mm |
| 25.0 – 110.0 mm | 9.0 x 0.6 mm |
| 60.0 – 120.5 mm | 10.0 x 0.6 mm |

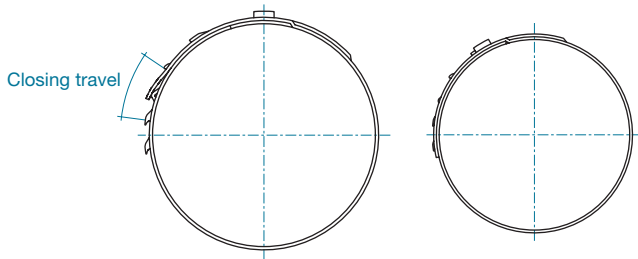
Some sizes are only available if an appropriate minimum quantity is ordered.

Stepless® Low Profile Clamps are produced in several nominal widths and thicknesses. The dimensions of the material used for the standard range are determined taking into account the required radial force, the nature of the application and the need to maintain sealing and/or retaining properties under the specified conditions and environmental exposure. When selecting the clamp diameter, the dimensions of the mating components on which the clamp is to be installed must be accurately established to enable effective clamping performance. The durometer hardness of the soft material and the desired compression are important factors when calculating the appropriate clamp diameter.

Tensioning hook and tunnel

The tensioning hook and tunnel have been developed to withstand a maximum closing force of 2000 N. With the use of an Oetiker installation tool, the clamp is reduced in diameter until the interlock position is achieved. The diameter reduction of the clamp is proportional to the closing travel. The theoretical maximum reduction in diameter is given by the formula:

$$\text{Max. diameter reduction} = \frac{\text{closing travel}}{\pi}$$



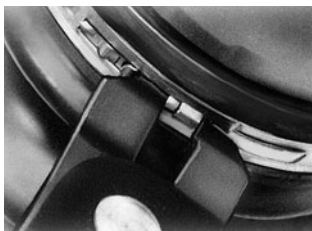
Assembly Recommendations

Using a hand tool, or a pneumatic tool specifically designed for high volume production, locate the jaw tips in the tensioning hook and tunnel.

Activating the pneumatic tool, or closing the hand tool, simultaneously draws the two features together, reducing the inside diameter of the clamp. To maintain this reduced diameter, the apertures are depressed over the load retaining hooks and the applied load exerted by the tool is released, so that the hooks engage in the appropriate apertures.

The Stepless® Low Profile Clamp provides a constant, accurate, inside diameter after installation, but, unlike Stepless® Ear Clamps PG 167, will not compensate for variations in component tolerance or accommodate the effects of thermal expansion.

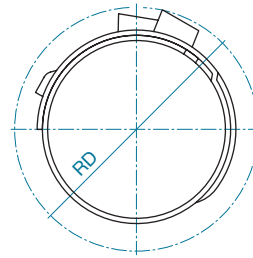
The sealing pressure beneath the clamp is dependent on the compression factor established when determining the appropriate clamp diameter and the resistance to thermal “set” of the soft material.



Complete process monitoring, including 100% documentation is available using the Electronically Controlled pneumatic power tool Oetiker ELK.

Rotation diameter

The rotation diameter (RD) of an assembled clamp can be critical design information for applications that rotate in close proximity to adjacent components. The following list gives rotation diameters for various band sizes and product designs:



- RD for 905RWW = inside diameter +7.2 mm
- RD for 706R = inside diameter +6.0 mm
- RD for 906R = inside diameter +6.0 mm
- RD for 1006R = inside diameter +6.3 mm

Reuseability

Oetiker Stepless® Low Profile Clamps are reusable. They can be repeatedly opened and reinstalled – for example in the automotive industry at maintenance and service intervals. They can be installed both axially and radially.

Note on ordering

In contrast to ear clamps, Stepless® Low Profile Clamps are identified with the nominal closed diameter, e.g. 195 for a closed and installed diameter of 19.5 mm.

| Material dimensions | Manual pincer* | Recommended pneumatic pincer** |
|---------------------|----------------|--------------------------------|
| 9 x 0.5 mm | 14100030 | HO 3000 |
| 7 x 0.6 mm | 14100030 | HO 3000 |
| 9 x 0.6 mm | 14100030 | HO 3000 |
| 10 x 0.6 mm | 14100030 | HO 3000 |

* 14100030 Manual pincer for Stepless® Low Profile Clamps 7 mm, 9mm and 10 mm wide

** With appropriate pincer head

Order information

| Item No. | Ref. No. | Ø upon delivery (mm) | Ø nominal, closed (mm) | Item No. | Ref. No. | Ø upon delivery (mm) | Ø nominal, closed (mm) |
|--|-------------|----------------------|------------------------|--|-----------|----------------------|------------------------|
| Band width 9 mm, thickness 0.5 mm (905RWV) | | | | Band width 7 mm, thickness 0.6 mm (706R) | | | |
| 16800561 | 0105-905RWV | 13.3 | 10.5 | 16800312 | 0765-706R | 80.9 | 76.5 |
| 16800562 | 0110-905RWV | 13.8 | 11 | 16800313 | 0770-706R | 81.4 | 77 |
| 16800563 | 0115-905RWV | 14.3 | 11.5 | 16800314 | 0775-706R | 81.9 | 77.5 |
| 16800564 | 0120-905RWV | 14.8 | 12 | 16800315 | 0780-706R | 82.4 | 78 |
| 16800565 | 0125-905RWV | 15.3 | 12.5 | 16800316 | 0785-706R | 82.9 | 78.5 |
| 16800566 | 0130-905RWV | 15.8 | 13 | 16800317 | 0790-706R | 83.4 | 79 |
| 16800567 | 0135-905RWV | 16.3 | 13.5 | 16800318 | 0795-706R | 83.9 | 79.5 |
| 16800568 | 0140-905RWV | 16.8 | 14 | 16800319 | 0800-706R | 84.4 | 80 |
| 16800569 | 0145-905RWV | 17.3 | 14.5 | 16800320 | 0805-706R | 84.9 | 80.5 |
| 16800570 | 0150-905RWV | 17.8 | 15 | 16800321 | 0810-706R | 85.4 | 81 |
| 16800571 | 0155-905RWV | 18.3 | 15.5 | 16800322 | 0815-706R | 85.9 | 81.5 |
| 16800572 | 0160-905RWV | 18.8 | 16 | 16800323 | 0820-706R | 86.4 | 82 |
| 16800573 | 0165-905RWV | 19.3 | 16.5 | 16800324 | 0825-706R | 86.9 | 82.5 |
| 16800574 | 0170-905RWV | 19.8 | 17 | 16800325 | 0830-706R | 87.4 | 83 |
| 16802321 | 0175-905RWV | 20.3 | 17.5 | 16800326 | 0835-706R | 87.9 | 83.5 |
| 16800575 | 0180-905RWV | 20.8 | 18 | 16800327 | 0840-706R | 88.4 | 84 |
| 16803070 | 0185-905RWV | 21.3 | 18.5 | 16800328 | 0845-706R | 88.9 | 84.5 |
| 16800576 | 0190-905RWV | 21.8 | 19 | 16800329 | 0850-706R | 89.4 | 85 |
| Band width 7 mm, thickness 0.6 mm (706R) | | | | 16800330 | 0855-706R | 89.9 | 85.5 |
| 16800278 | 0600-706R | 64.4 | 60 | 16800331 | 0860-706R | 90.4 | 86 |
| 16800279 | 0605-706R | 64.9 | 60.5 | 16800332 | 0865-706R | 90.9 | 86.5 |
| 16800281 | 0610-706R | 65.4 | 61 | 16800333 | 0870-706R | 91.4 | 87 |
| 16800282 | 0615-706R | 65.9 | 61.5 | 16800334 | 0875-706R | 91.9 | 87.5 |
| 16800283 | 0620-706R | 66.4 | 62 | 16800335 | 0880-706R | 92.4 | 88 |
| 16800284 | 0625-706R | 66.9 | 62.5 | 16800336 | 0885-706R | 92.9 | 88.5 |
| 16800285 | 0630-706R | 67.4 | 63 | 16800337 | 0890-706R | 93.4 | 89 |
| 16800286 | 0635-706R | 67.9 | 63.5 | 16800338 | 0895-706R | 93.9 | 89.5 |
| 16800287 | 0640-706R | 68.4 | 64 | 16800339 | 0900-706R | 94.4 | 90 |
| 16800288 | 0645-706R | 68.9 | 64.5 | 16800340 | 0905-706R | 94.9 | 90.5 |
| 16800289 | 0650-706R | 69.4 | 65 | 16800341 | 0910-706R | 95.4 | 91 |
| 16800290 | 0655-706R | 69.9 | 65.5 | 16800342 | 0915-706R | 95.9 | 91.5 |
| 16800291 | 0660-706R | 70.4 | 66 | 16800343 | 0920-706R | 96.4 | 92 |
| 16800292 | 0665-706R | 70.9 | 66.5 | 16800344 | 0925-706R | 96.9 | 92.5 |
| 16800293 | 0670-706R | 71.4 | 67 | 16800345 | 0930-706R | 97.4 | 93 |
| 16800294 | 0675-706R | 71.9 | 67.5 | 16800346 | 0935-706R | 97.9 | 93.5 |
| 16800295 | 0680-706R | 72.4 | 68 | 16800347 | 0940-706R | 98.4 | 94 |
| 16800296 | 0685-706R | 72.9 | 68.5 | 16800348 | 0945-706R | 98.9 | 94.5 |
| 16800297 | 0690-706R | 73.4 | 69 | 16800349 | 0950-706R | 99.4 | 95 |
| 16800298 | 0695-706R | 73.9 | 69.5 | 16800350 | 0955-706R | 99.9 | 95.5 |
| 16800299 | 0700-706R | 74.4 | 70 | 16800351 | 0960-706R | 100.4 | 96 |
| 16800300 | 0705-706R | 74.9 | 70.5 | 16800352 | 0965-706R | 100.9 | 96.5 |
| 16800301 | 0710-706R | 75.4 | 71 | 16800353 | 0970-706R | 101.4 | 97 |
| 16800302 | 0715-706R | 75.9 | 71.5 | 16800354 | 0975-706R | 101.9 | 97.5 |
| 16800303 | 0720-706R | 76.4 | 72 | 16800355 | 0980-706R | 102.4 | 98 |
| 16800304 | 0725-706R | 76.9 | 72.5 | 16800356 | 0985-706R | 102.9 | 98.5 |
| 16800305 | 0730-706R | 77.4 | 73 | 16800357 | 0990-706R | 103.4 | 99 |
| 16800306 | 0735-706R | 77.9 | 73.5 | 16800358 | 0995-706R | 103.9 | 99.5 |
| 16800307 | 0740-706R | 78.4 | 74 | 16800359 | 1000-706R | 104.4 | 100 |
| 16800308 | 0745-706R | 78.9 | 74.5 | 16800360 | 1005-706R | 104.9 | 100.5 |
| 16800309 | 0750-706R | 79.4 | 75 | 16800361 | 1010-706R | 105.4 | 101 |
| 16800310 | 0755-706R | 79.9 | 75.5 | 16800362 | 1015-706R | 105.9 | 101.5 |
| 16800311 | 0760-706R | 80.4 | 76 | 16800363 | 1020-706R | 106.4 | 102 |
| | | | | 16800364 | 1025-706R | 106.9 | 102.5 |
| | | | | 16800365 | 1030-706R | 107.4 | 103 |

Order information

| Item No. | Ref. No. | Ø upon delivery (mm) | Ø nominal, closed (mm) |
|----------|----------|-------------------------|---------------------------|
|----------|----------|-------------------------|---------------------------|

Band width 7 mm, thickness 0.6 mm (706R)

| | | | |
|----------|-----------|-------|-------|
| 16800366 | 1035-706R | 107.9 | 103.5 |
| 16800367 | 1040-706R | 108.4 | 104 |
| 16800368 | 1045-706R | 108.9 | 104.5 |
| 16800369 | 1050-706R | 109.4 | 105 |
| 16800370 | 1055-706R | 109.9 | 105.5 |
| 16800371 | 1060-706R | 110.4 | 106 |
| 16800372 | 1065-706R | 110.9 | 106.5 |
| 16800373 | 1070-706R | 111.4 | 107 |
| 16800374 | 1075-706R | 111.9 | 107.5 |
| 16800375 | 1080-706R | 112.4 | 108 |
| 16800376 | 1085-706R | 112.9 | 108.5 |
| 16800377 | 1090-706R | 113.4 | 109 |
| 16800378 | 1095-706R | 113.9 | 109.5 |
| 16800379 | 1100-706R | 114.4 | 110 |

Band width 7 mm, thickness 0.6 mm (706R)

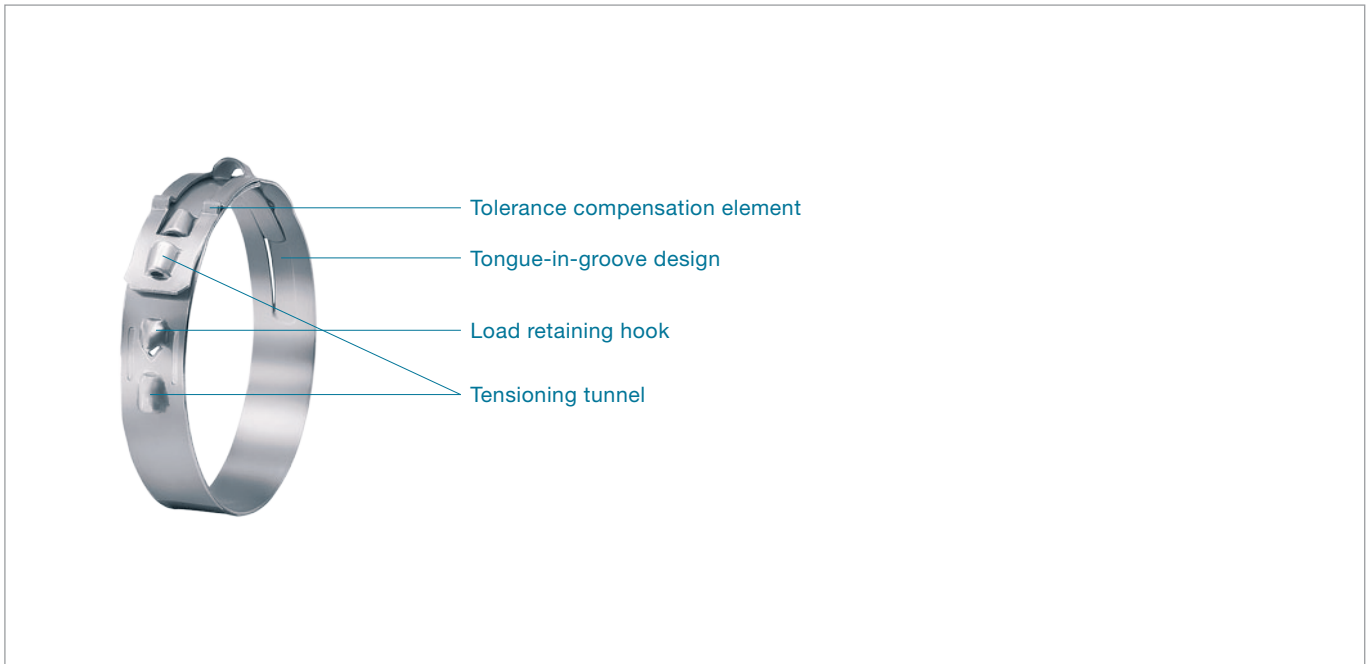
In the diameter range 19.5 mm to 59.5 mm, these clamps are available in 0.5 mm steps on request.

Band width 9 mm, thickness 0.6 mm (906R)

In the diameter range 25 mm to 110 mm, these clamps are available in 0.5 mm steps on request.

Band width 10 mm, thickness 0.6 mm (1006R)

In the diameter range 60 mm to 120.5 mm, these clamps are available in 0.5 mm steps on request.



Tolerance compensation: provides a degree of compensation for component tolerances

Reusability: can be repeatedly opened and re-installed

360° Stepless®: uniform 360° compression or uniform surface pressure

Low installed height: minimum space requirement, low imbalance on rotating parts

Burr-free strip edges: reduced risk of damage to parts being clamped

Stepless® Low Profile Clamps with tolerance compensation Product Group 168

Material

PG 168 Stainless steel, material no. 1.4301/UNS S30400

Alternative materials on request.

Corrosion resistance according to DIN EN ISO 9227

PG 168 ≥ 1000 h

Series

| Nominal diameter | width x thickness |
|------------------|-------------------|
| 19.5 – 110.0 mm | 9.0 x 0.6 mm |

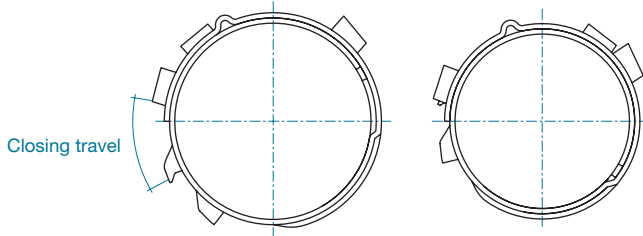
Some sizes are only available if an appropriate minimum quantity is ordered. Stepless® Low Profile Clamps with tolerance compensation are available in one standard band dimension.

When selecting the clamp diameter, the dimensions of mating components on which the clamp is to be installed must be accurately established to enable effective clamping. The durometer hardness of the soft material and desired compression are important factors when determining the appropriate clamp diameter.

Tensioning tunnels

The tensioning tunnels have been developed to withstand a maximum closing force of 2000 N. By using an Oetiker closing tool and applying it at the tensioning tunnels, the clamp is reduced in diameter until the load-retaining hook is located within the tunnel and engages with the leading edge. The diameter reduction of the clamp is proportional to the closing travel, but slightly influenced by elongation of the tolerance-compensation element under high loads. The theoretical maximum reduction in diameter is given by the formula:

$$\text{Max. diameter reduction} = \frac{\text{closing travel}}{\pi}$$



Tolerance compensation

The tolerance-compensating elements come into effect when the nominal diameter of the closed clamp cannot be achieved due to adjacent components being at the upper levels of the tolerance range. When parts being clamped have high durometer hardness values, the compensating element can be fully elongated providing the closed position is still achievable.

For optimum performance, a clamp diameter should be selected based on the theoretical lower tolerance limits of the components. Then, when the larger dimensional assembly is encountered, the tolerance compensation element is elongated to absorb the increased diameter and allow the load-retaining hook to engage in the tensioning tunnel. The application configuration, the physical properties of the materials being sealed and the required retention, are all critical factors when determining the overall functionality of the connection

Assembly Recommendations

These clamps can be closed manually using a specially developed hand tool, or a pneumatic pincer when large quantities are to be installed. To close the clamp, the tips of the pincer jaws must be inserted in the tensioning tunnel at the end of the overlap and in the tunnel next to the load-retaining hook. Operation of the closing tool reduces the diameter of the clamp to the position at which engagement of the closing hook occurs.

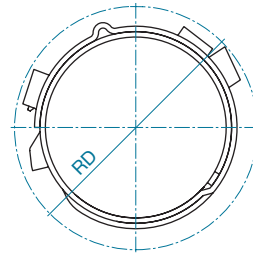
The design of Stepless® Low Profile Clamps with tolerance compensation is such that the inner contour of the tensioning tunnel on the end of the overlap, automatically engages with the load retaining hook when the correct position is achieved. In contrast to Stepless® low-profile clamps without tolerance compensation, they have the ability to accommodate minor variations in component tolerances during assembly and absorb diameter changes due to thermal expansion and contraction within the range of the compensating element.

As with other types of clamp, the sealing pressure beneath a clamp is a factor of the diameters and materials of the components under compression. The sealing properties of these clamps depends significantly on the opposing forces generated in the soft material of parts being secured, and the pre-loading of the tolerance-compensation element.

Complete process monitoring, including 100% documentation is available using the Electronically Controlled Pneumatic Power Tool Oetiker ELK.

Rotation diameter

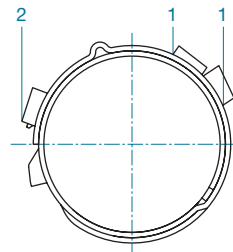
The Stepless® Low Profile Clamp with tolerance compensation has a low radial height, and was specifically developed for applications where space is restricted, while taking into account the need to accommodate the tolerances of parts being connected.



RD for 906RT8 = inside diameter +7.4 mm

Reusability

Oetiker Stepless® Low Profile Clamps with tolerance compensation are reusable to a limited extent. They can be repeatedly opened and reinstalled – for example in the automotive industry at maintenance and service intervals. They can be installed both axially and radially. To open a clamp, the pincer must be fitted to the two tunnels (1) and squeezed. The applied force has the effect of slightly reducing the diameter of the clamp, enabling the hook to disengage from the tensioning tunnel (2) on the overlapping end.



Note on ordering

In contrast to ear clamps, Stepless® Low Profile Clamps are identified with the nominal closed diameter, e.g. 195 for a closed and installed diameter of 19.5 mm.

| Material dimensions | Manual pincer* | Recommended pneumatic pincer** |
|---------------------|----------------|--------------------------------|
| 9 x 0.6 mm | 14100109 | HO 3000 |

* 14100109 Manual pincer for Stepless® Low Profile Clamps with tolerance compensation

** With appropriate pincer head

Order information

| Item No. | Ref. No. | Ø upon delivery (mm) | Ø nominal, closed (mm) | Item No. | Ref. No. | Ø upon delivery (mm) | Ø nominal, closed (mm) |
|--|-------------|----------------------|------------------------|--|-------------|----------------------|------------------------|
| Band width 9 mm, thickness 0.6 mm (906RT8) | | | | Band width 9 mm, thickness 0.6 mm (906RT8) | | | |
| 16802113 | 0195-906RT8 | 22 | 19.5 | 16802170 | 0480-906RT8 | 50.5 | 48 |
| 16802114 | 0200-906RT8 | 22.5 | 20 | 16802171 | 0485-906RT8 | 51 | 48.5 |
| 16802115 | 0205-906RT8 | 23 | 20.5 | 16802172 | 0490-906RT8 | 51.5 | 49 |
| 16802116 | 0210-906RT8 | 23.5 | 21 | 16802173 | 0495-906RT8 | 52 | 49.5 |
| 16802117 | 0215-906RT8 | 24 | 21.5 | 16802174 | 0500-906RT8 | 52.5 | 50 |
| 16802118 | 0220-906RT8 | 24.5 | 22 | 16802175 | 0505-906RT8 | 53 | 50.5 |
| 16802119 | 0225-906RT8 | 25 | 22.5 | 16802176 | 0510-906RT8 | 53.5 | 51 |
| 16802120 | 0230-906RT8 | 25.5 | 23 | 16802177 | 0515-906RT8 | 54 | 51.5 |
| 16802121 | 0235-906RT8 | 26 | 23.5 | 16802178 | 0520-906RT8 | 54.5 | 52 |
| 16802122 | 0240-906RT8 | 26.5 | 24 | 16802179 | 0525-906RT8 | 55 | 52.5 |
| 16802123 | 0245-906RT8 | 27 | 24.5 | 16802180 | 0530-906RT8 | 55.5 | 53 |
| 16802124 | 0250-906RT8 | 27.5 | 25 | 16802181 | 0535-906RT8 | 56 | 53.5 |
| 16802125 | 0255-906RT8 | 28 | 25.5 | 16802182 | 0540-906RT8 | 56.5 | 54 |
| 16802126 | 0260-906RT8 | 28.5 | 26 | 16802183 | 0545-906RT8 | 57 | 54.5 |
| 16802127 | 0265-906RT8 | 29 | 26.5 | 16802184 | 0550-906RT8 | 57.5 | 55 |
| 16802128 | 0270-906RT8 | 29.5 | 27 | 16802185 | 0555-906RT8 | 58 | 55.5 |
| 16802129 | 0275-906RT8 | 30 | 27.5 | 16802186 | 0560-906RT8 | 58.5 | 56 |
| 16802130 | 0280-906RT8 | 30.5 | 28 | 16802187 | 0565-906RT8 | 59 | 56.5 |
| 16802131 | 0285-906RT8 | 31 | 28.5 | 16802188 | 0570-906RT8 | 59.5 | 57 |
| 16802132 | 0290-906RT8 | 31.5 | 29 | 16802189 | 0575-906RT8 | 60 | 57.5 |
| 16802133 | 0295-906RT8 | 32 | 29.5 | 16802190 | 0580-906RT8 | 60.5 | 58 |
| 16802134 | 0300-906RT8 | 32.5 | 30 | 16802191 | 0585-906RT8 | 61 | 58.5 |
| 16802135 | 0305-906RT8 | 33 | 30.5 | 16802192 | 0590-906RT8 | 61.5 | 59 |
| 16802136 | 0310-906RT8 | 33.5 | 31 | 16801880 | 0595-906RT8 | 62 | 59.5 |
| 16802137 | 0315-906RT8 | 34 | 31.5 | 16802193 | 0600-906RT8 | 62.5 | 60 |
| 16802138 | 0320-906RT8 | 34.5 | 32 | 16802194 | 0605-906RT8 | 63 | 60.5 |
| 16802139 | 0325-906RT8 | 35 | 32.5 | 16802195 | 0610-906RT8 | 63.5 | 61 |
| 16802140 | 0330-906RT8 | 35.5 | 33 | 16802196 | 0615-906RT8 | 64 | 61.5 |
| 16802141 | 0335-906RT8 | 36 | 33.5 | 16802197 | 0620-906RT8 | 64.5 | 62 |
| 16802142 | 0340-906RT8 | 36.5 | 34 | 16802198 | 0625-906RT8 | 65 | 62.5 |
| 16802143 | 0345-906RT8 | 37 | 34.5 | 16802199 | 0630-906RT8 | 65.5 | 63 |
| 16802144 | 0350-906RT8 | 37.5 | 35 | 16802200 | 0635-906RT8 | 66 | 63.5 |
| 16802145 | 0355-906RT8 | 38 | 35.5 | 16802201 | 0640-906RT8 | 66.5 | 64 |
| 16802146 | 0360-906RT8 | 38.5 | 36 | 16802202 | 0645-906RT8 | 67 | 64.5 |
| 16802147 | 0365-906RT8 | 39 | 36.5 | 16801881 | 0650-906RT8 | 67.5 | 65 |
| 16802148 | 0370-906RT8 | 39.5 | 37 | 16802203 | 0655-906RT8 | 68 | 65.5 |
| 16802149 | 0375-906RT8 | 40 | 37.5 | 16802204 | 0660-906RT8 | 68.5 | 66 |
| 16802150 | 0380-906RT8 | 40.5 | 38 | 16802205 | 0665-906RT8 | 69 | 66.5 |
| 16802151 | 0385-906RT8 | 41 | 38.5 | 16802206 | 0670-906RT8 | 69.5 | 67 |
| 16802152 | 0390-906RT8 | 41.5 | 39 | 16802207 | 0675-906RT8 | 70 | 67.5 |
| 16802153 | 0395-906RT8 | 42 | 39.5 | 16802208 | 0680-906RT8 | 70.5 | 68 |
| 16802154 | 0400-906RT8 | 42.5 | 40 | 16802209 | 0685-906RT8 | 71 | 68.5 |
| 16802155 | 0405-906RT8 | 43 | 40.5 | 16802210 | 0690-906RT8 | 71.5 | 69 |
| 16802156 | 0410-906RT8 | 43.5 | 41 | 16802211 | 0695-906RT8 | 72 | 69.5 |
| 16802157 | 0415-906RT8 | 44 | 41.5 | 16802212 | 0700-906RT8 | 72.5 | 70 |
| 16802158 | 0420-906RT8 | 44.5 | 42 | 16802213 | 0705-906RT8 | 73 | 70.5 |
| 16802159 | 0425-906RT8 | 45 | 42.5 | 16802214 | 0710-906RT8 | 73.5 | 71 |
| 16802160 | 0430-906RT8 | 45.5 | 43 | 16802215 | 0715-906RT8 | 74 | 71.5 |
| 16802161 | 0435-906RT8 | 46 | 43.5 | 16802216 | 0720-906RT8 | 74.5 | 72 |
| 16802162 | 0440-906RT8 | 46.5 | 44 | 16802217 | 0725-906RT8 | 75 | 72.5 |
| 16802163 | 0445-906RT8 | 47 | 44.5 | 16802218 | 0730-906RT8 | 75.5 | 73 |
| 16802164 | 0450-906RT8 | 47.5 | 45 | 16802219 | 0735-906RT8 | 76 | 73.5 |
| 16802165 | 0455-906RT8 | 48 | 45.5 | 16802220 | 0740-906RT8 | 76.5 | 74 |
| 16802166 | 0460-906RT8 | 48.5 | 46 | 16802221 | 0745-906RT8 | 77 | 74.5 |
| 16802167 | 0465-906RT8 | 49 | 46.5 | 16802222 | 0750-906RT8 | 77.5 | 75 |
| 16802168 | 0470-906RT8 | 49.5 | 47 | 16802223 | 0755-906RT8 | 78 | 75.5 |
| 16802169 | 0475-906RT8 | 50 | 47.5 | 16802224 | 0760-906RT8 | 78.5 | 76 |

Order information

| Item No. | Ref. No. | Ø upon delivery (mm) | Ø nominal, closed (mm) | Item No. | Ref. No. | Ø upon delivery (mm) | Ø nominal, closed (mm) |
|--|-------------|----------------------|------------------------|--|-------------|----------------------|------------------------|
| Band width 9 mm, thickness 0.6 mm (906RT8) | | | | Band width 9 mm, thickness 0.6 mm (906RT8) | | | |
| 16802225 | 0765-906RT8 | 79 | 76.5 | 16803035 | 1050-906RT8 | 107.5 | 105 |
| 16802226 | 0770-906RT8 | 79.5 | 77 | 16803036 | 1055-906RT8 | 108 | 105.5 |
| 16802227 | 0775-906RT8 | 80 | 77.5 | 16803037 | 1060-906RT8 | 108.5 | 106 |
| 16802228 | 0780-906RT8 | 80.5 | 78 | 16803038 | 1065-906RT8 | 109 | 106.5 |
| 16802229 | 0785-906RT8 | 81 | 78.5 | 16802617 | 1070-906RT8 | 109.5 | 107 |
| 16802230 | 0790-906RT8 | 81.5 | 79 | 16803039 | 1075-906RT8 | 110 | 107.5 |
| 16802231 | 0795-906RT8 | 82 | 79.5 | 16803040 | 1080-906RT8 | 110.5 | 108 |
| 16802232 | 0800-906RT8 | 82.5 | 80 | 16803041 | 1085-906RT8 | 111 | 108.5 |
| 16802233 | 0805-906RT8 | 83 | 80.5 | 16803042 | 1090-906RT8 | 111.5 | 109 |
| 16802234 | 0810-906RT8 | 83.5 | 81 | 16803043 | 1095-906RT8 | 112 | 109.5 |
| 16802235 | 0815-906RT8 | 84 | 81.5 | 16803044 | 1100-906RT8 | 112.5 | 110 |
| 16802236 | 0820-906RT8 | 84.5 | 82 | | | | |
| 16802237 | 0825-906RT8 | 85 | 82.5 | | | | |
| 16802238 | 0830-906RT8 | 85.5 | 83 | | | | |
| 16802239 | 0835-906RT8 | 86 | 83.5 | | | | |
| 16802240 | 0840-906RT8 | 86.5 | 84 | | | | |
| 16802241 | 0845-906RT8 | 87 | 84.5 | | | | |
| 16802242 | 0850-906RT8 | 87.5 | 85 | | | | |
| 16802243 | 0855-906RT8 | 88 | 85.5 | | | | |
| 16802244 | 0860-906RT8 | 88.5 | 86 | | | | |
| 16802112 | 0865-906RT8 | 89 | 86.5 | | | | |
| 16802245 | 0870-906RT8 | 89.5 | 87 | | | | |
| 16802246 | 0875-906RT8 | 90 | 87.5 | | | | |
| 16802247 | 0880-906RT8 | 90.5 | 88 | | | | |
| 16802248 | 0885-906RT8 | 91 | 88.5 | | | | |
| 16802249 | 0890-906RT8 | 91.5 | 89 | | | | |
| 16802250 | 0895-906RT8 | 92 | 89.5 | | | | |
| 16802251 | 0900-906RT8 | 92.5 | 90 | | | | |
| 16802252 | 0905-906RT8 | 93 | 90.5 | | | | |
| 16802253 | 0910-906RT8 | 93.5 | 91 | | | | |
| 16802254 | 0915-906RT8 | 94 | 91.5 | | | | |
| 16802255 | 0920-906RT8 | 94.5 | 92 | | | | |
| 16802256 | 0925-906RT8 | 95 | 92.5 | | | | |
| 16802257 | 0930-906RT8 | 95.5 | 93 | | | | |
| 16802258 | 0935-906RT8 | 96 | 93.5 | | | | |
| 16802259 | 0940-906RT8 | 96.5 | 94 | | | | |
| 16802260 | 0945-906RT8 | 97 | 94.5 | | | | |
| 16802261 | 0950-906RT8 | 97.5 | 95 | | | | |
| 16802262 | 0955-906RT8 | 98 | 95.5 | | | | |
| 16802263 | 0960-906RT8 | 98.5 | 96 | | | | |
| 16802264 | 0965-906RT8 | 99 | 96.5 | | | | |
| 16802265 | 0970-906RT8 | 99.5 | 97 | | | | |
| 16802266 | 0975-906RT8 | 100 | 97.5 | | | | |
| 16802267 | 0980-906RT8 | 100.5 | 98 | | | | |
| 16802268 | 0985-906RT8 | 101 | 98.5 | | | | |
| 16802269 | 0990-906RT8 | 101.5 | 99 | | | | |
| 16802270 | 0995-906RT8 | 102 | 99.5 | | | | |
| 16802271 | 1000-906RT8 | 102.5 | 100 | | | | |
| 16802412 | 1005-906RT8 | 103 | 100.5 | | | | |
| 16802404 | 1010-906RT8 | 103.5 | 101 | | | | |
| 16802418 | 1015-906RT8 | 104 | 101.5 | | | | |
| 16802419 | 1020-906RT8 | 104.5 | 102 | | | | |
| 16803030 | 1025-906RT8 | 105 | 102.5 | | | | |
| 16803031 | 1030-906RT8 | 105.5 | 103 | | | | |
| 16803032 | 1035-906RT8 | 106 | 103.5 | | | | |
| 16803033 | 1040-906RT8 | 106.5 | 104 | | | | |
| 16803034 | 1045-906RT8 | 107 | 104.5 | | | | |

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