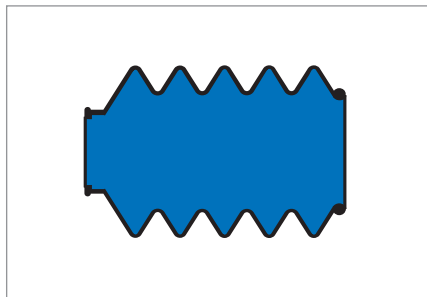


Multiple Convolution Bellows



Multiple Convolution Bellows

Product description

Bellows are protective elements comprising a moving section and two connection pieces for fastening. They protect axially moving rods and parts of machines against soiling, water spray, dust or the effects of the weather. Depending on their design, they can accommodate movements perpendicular to the axis or a combination of movements (e.g. gear levers).

Bellows are able to follow axial movements within their limits L_{\min} (compressed length) and L_{\max} (extended length). Special loads (non-axial movements, pressure loads etc.) affect the maximum working stroke and the flexibility → Technical Manual.

Product advantages

Depending on the application, bellows and connecting areas can have very different geometrical shapes and dimensions. More than 500 different bellows geometries are available to the user quickly and cost-effectively.

Application

There are many application cases for bellows, for example, the functional sealing of ball joints, connection of two tube ends, push rods (e.g. in hydraulic and pneumatic applications), axle bearings.

Material

Material	Hardness
CR	42/50 Shore A
NBR	approx. 45 Shore A

Other materials on enquiry (after clarification of the material-job specification and the type).

Operating conditions

Material	Temperature	Dynamic loading	Mineral oil and grease resistance
CR	-40 ... +100 °C	very good	sufficient
NBR	-30 ... +100 °C	sufficient	good

The values listed in the table are recommended values.

→ Technical Manual.

Fitting & installation

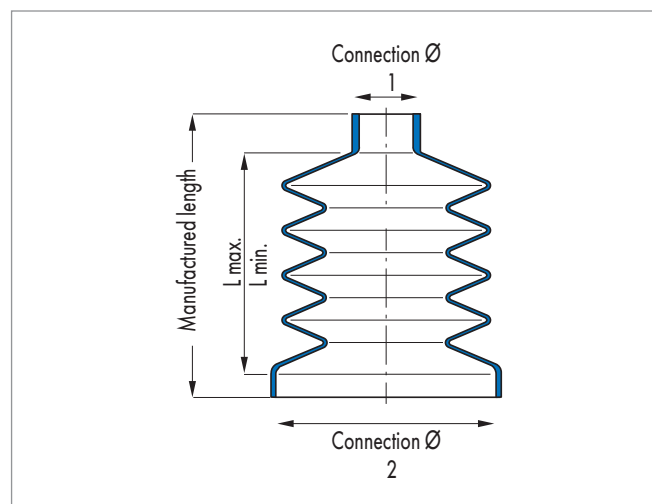
The moving section of the bellows must not come into contact with any sharp edges. It is imperative that continuous chaffing against moving parts of the machine is avoided.

Bellows are not able to absorb major excess pressure or vacuum, as otherwise excessive deformation would occur.

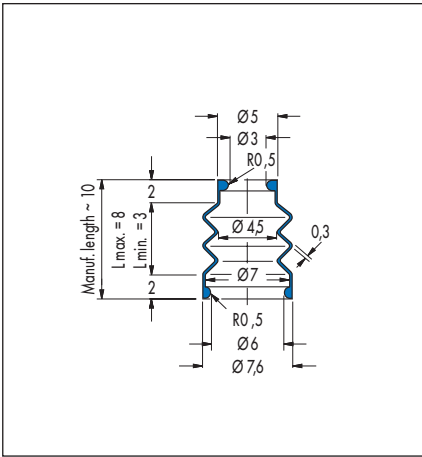
To prevent a pressure build-up inside bellows on axial movements, a sufficient ventilation must be provided.

Torsional loading of the bellows should be avoided.

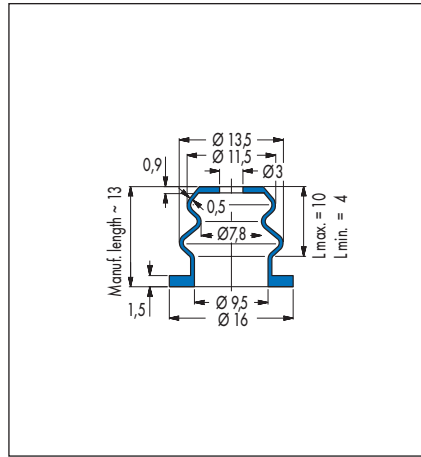
For further information on installation: → Technical Manual.



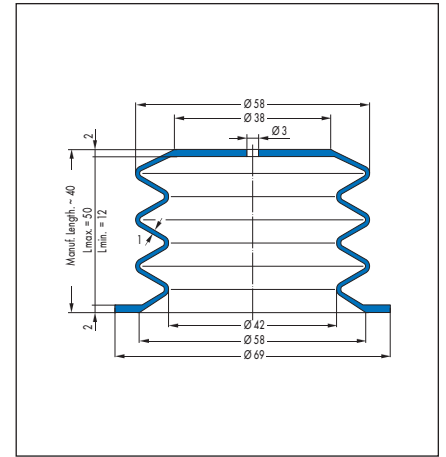
Drawing with dimensions multiple convolution bellows



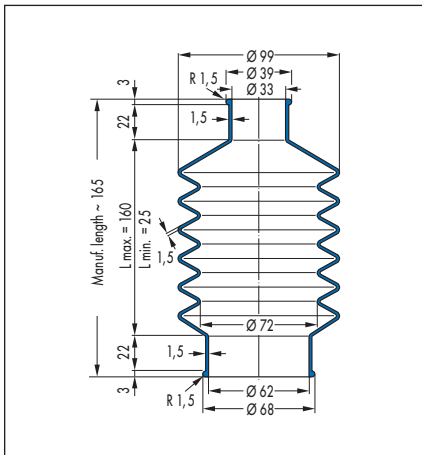
V6-00748, Article No. 29944



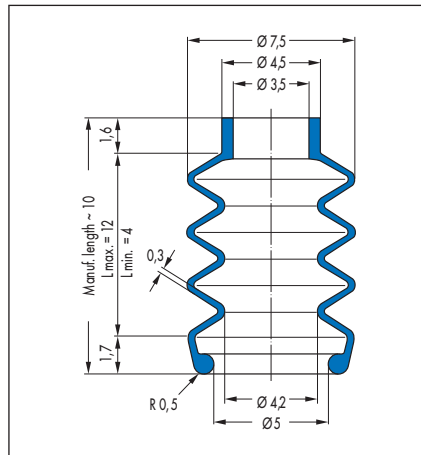
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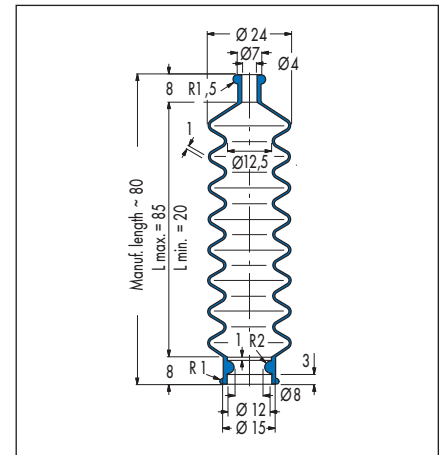
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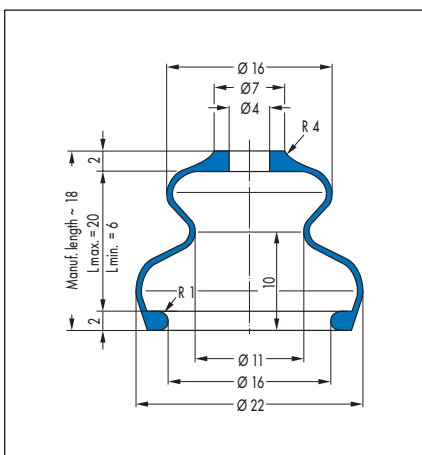
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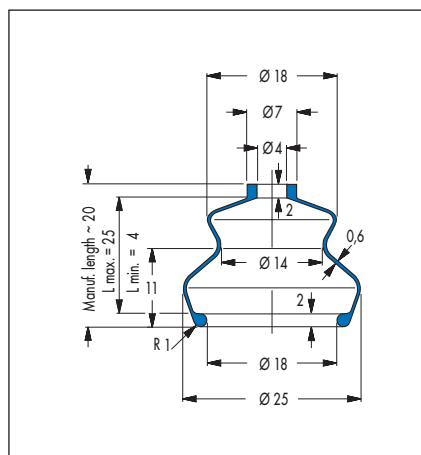
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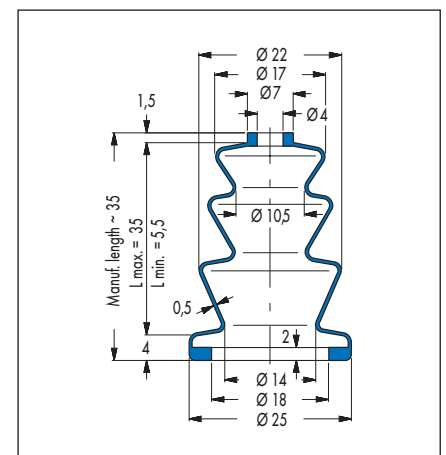
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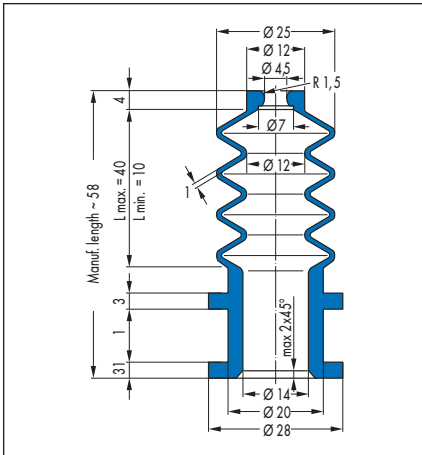
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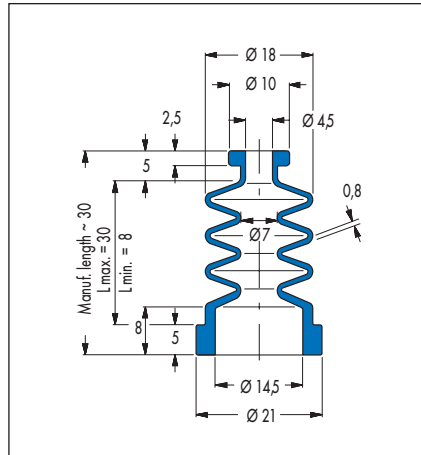
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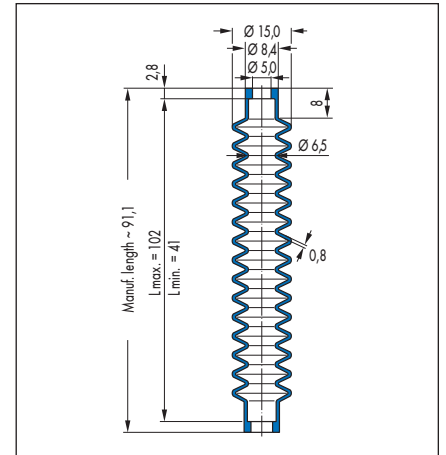
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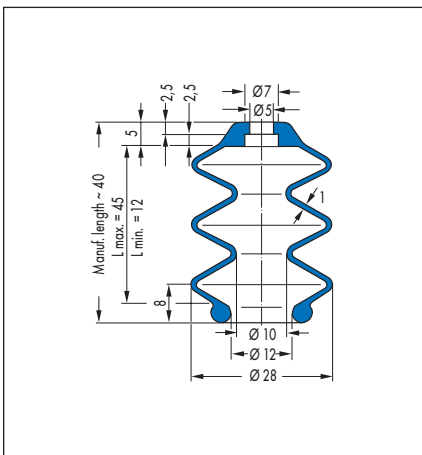
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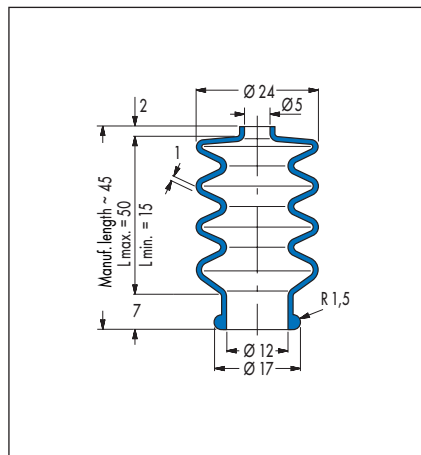
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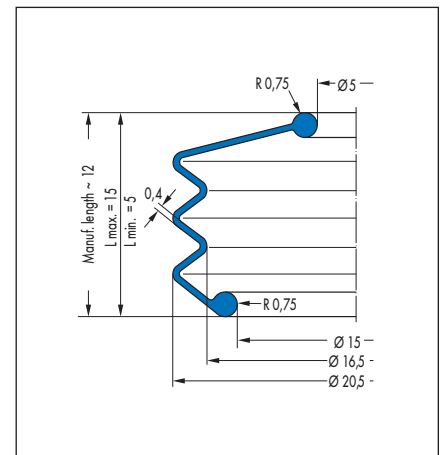
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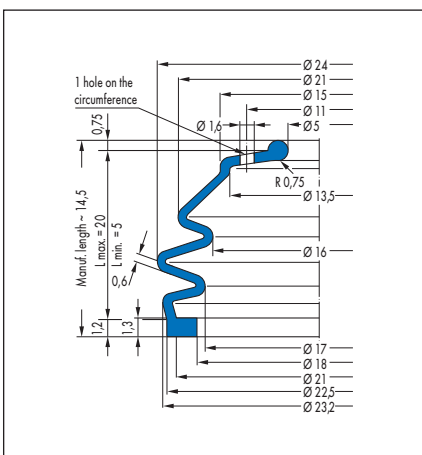
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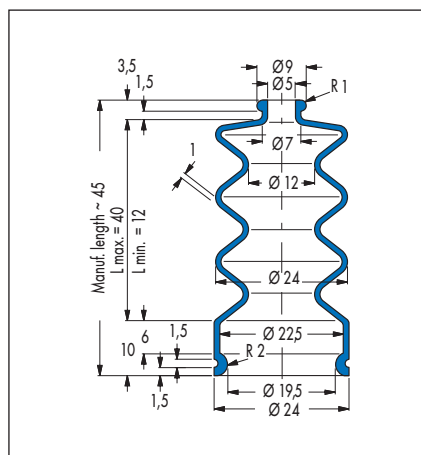
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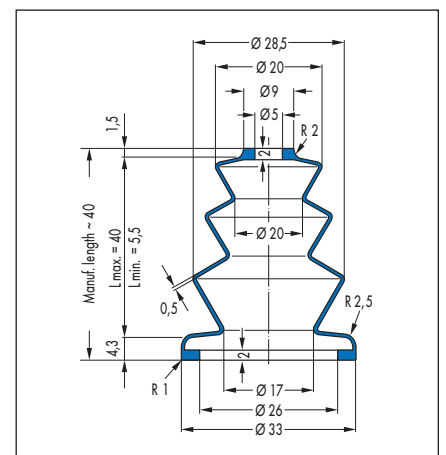
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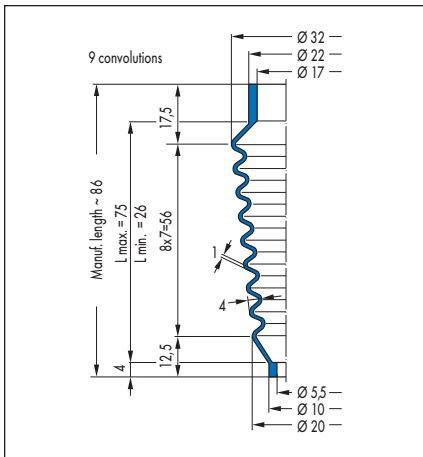
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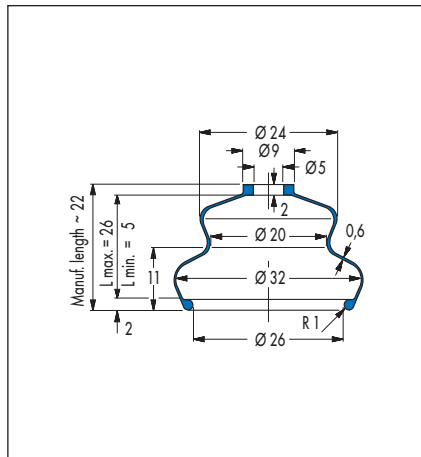
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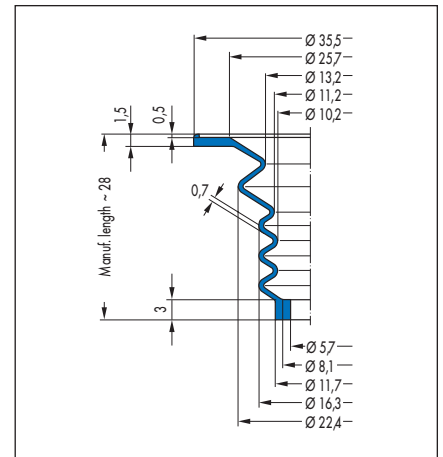
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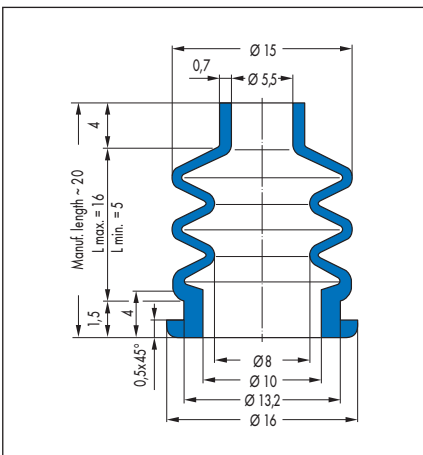
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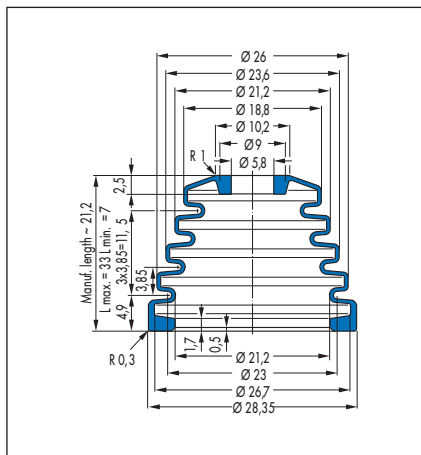
V6-00948, Article No. 434 (42 CR 764)/
420983 (50 CR 879)



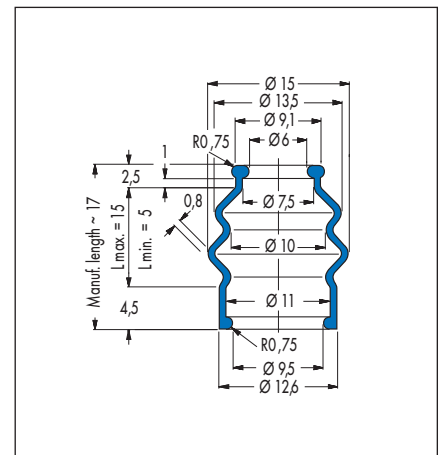
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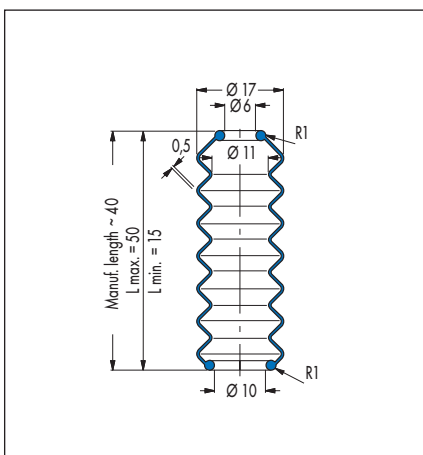
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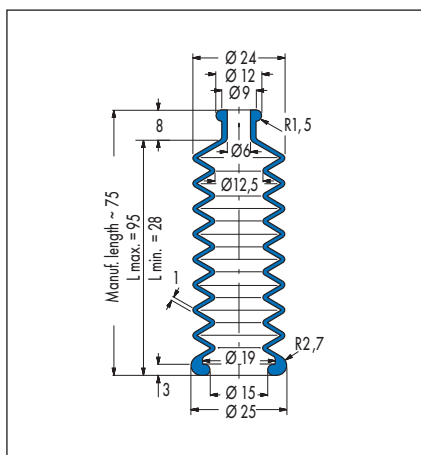
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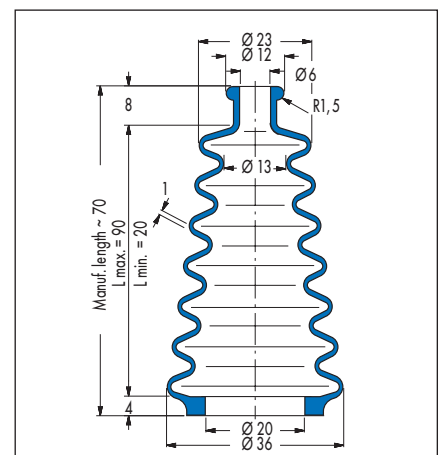
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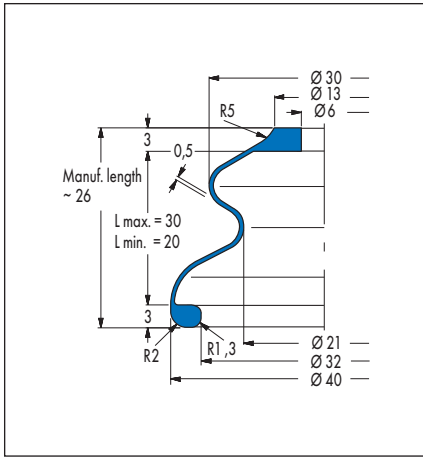
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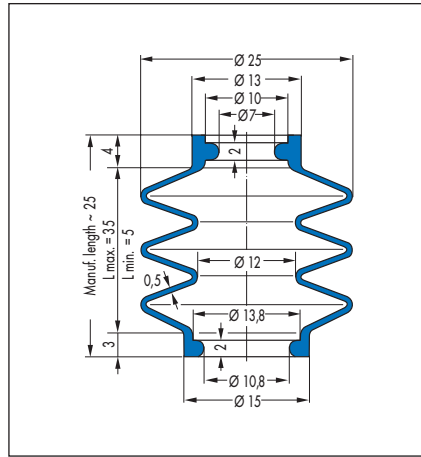
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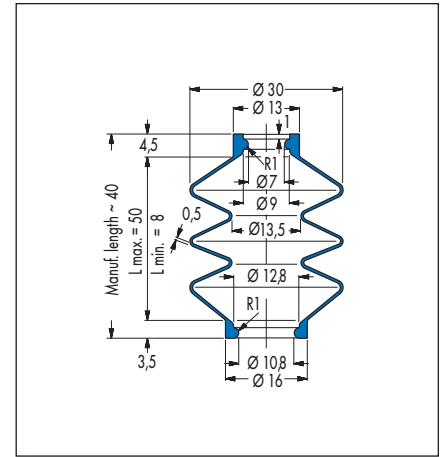
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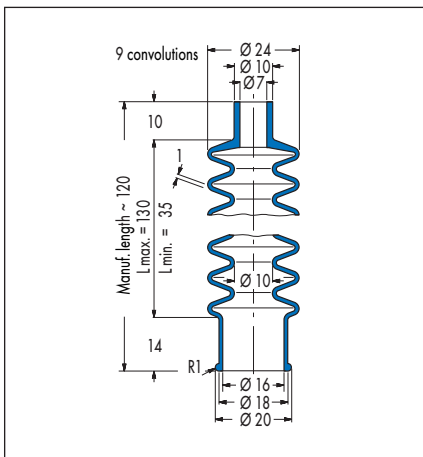
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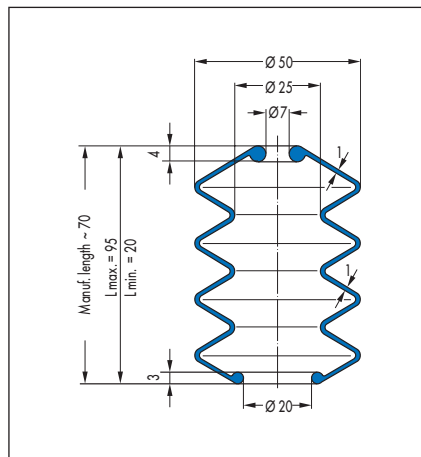
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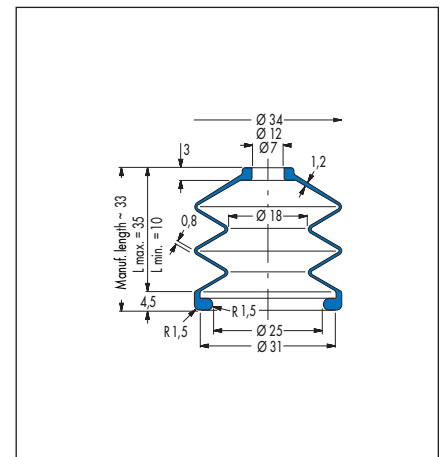
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438219 (45 NBR 670)



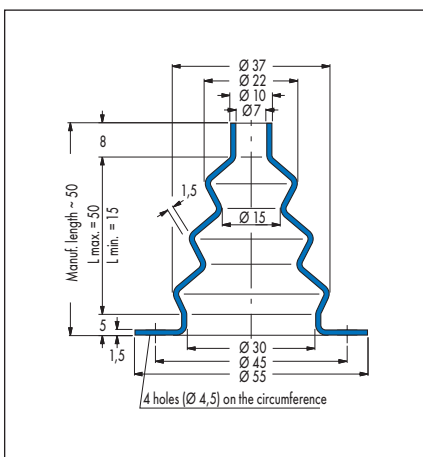
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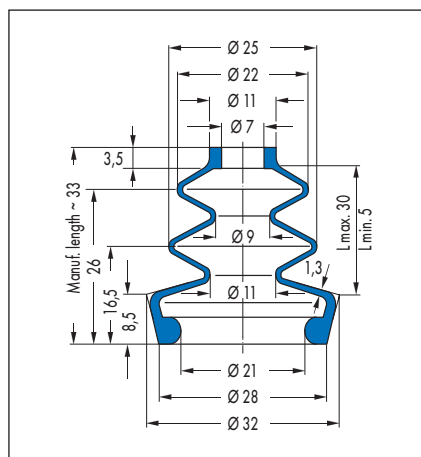
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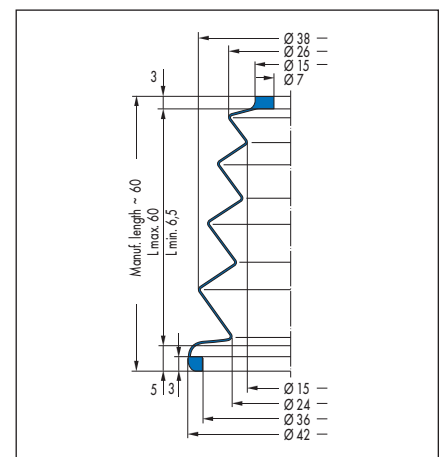
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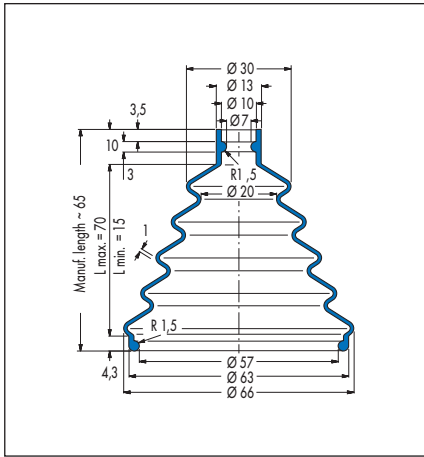
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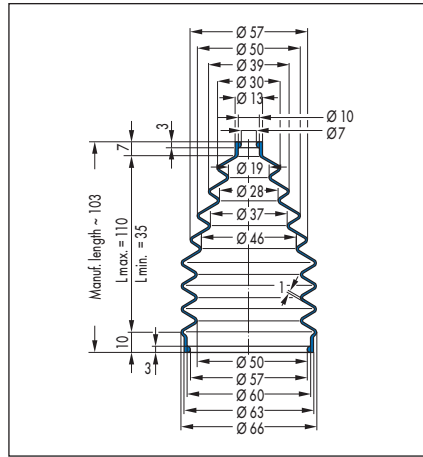
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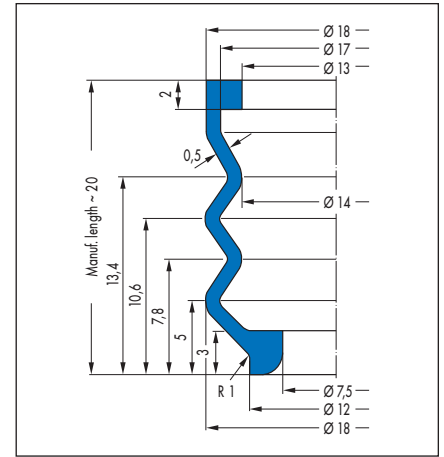
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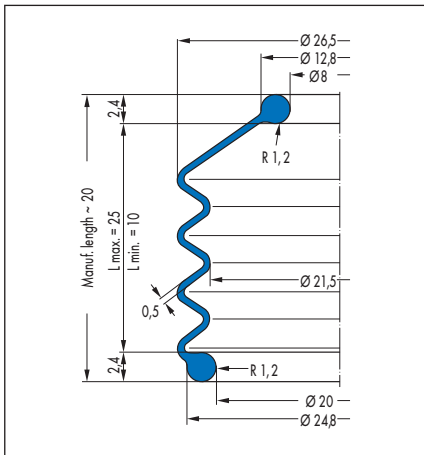
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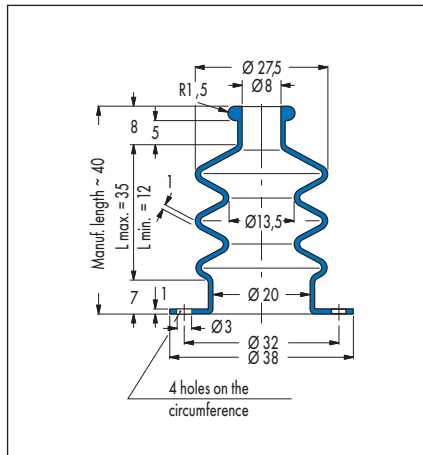
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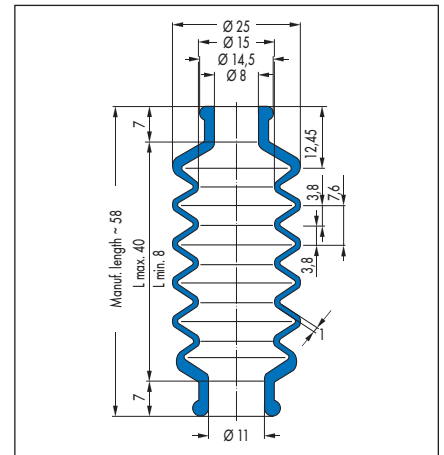
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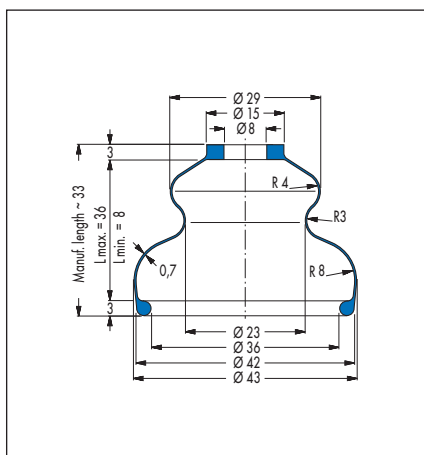
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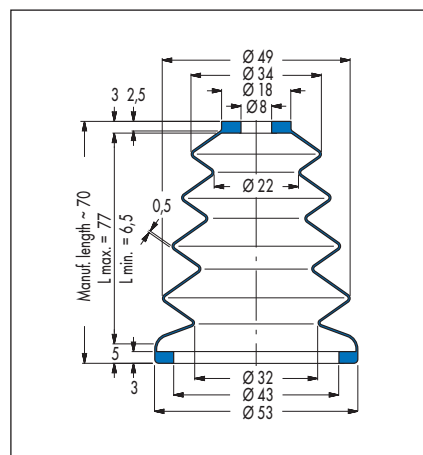
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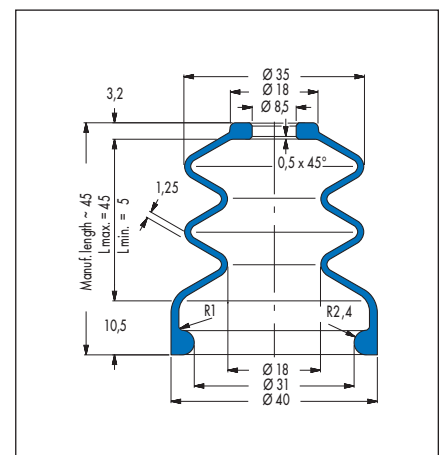
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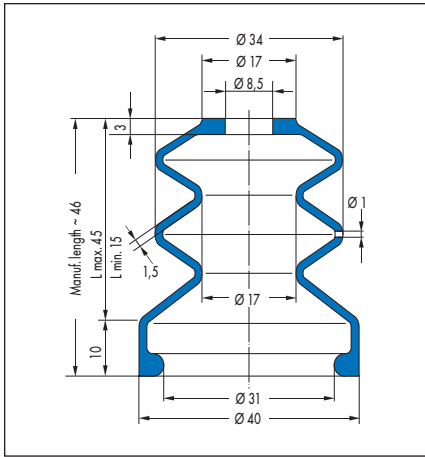
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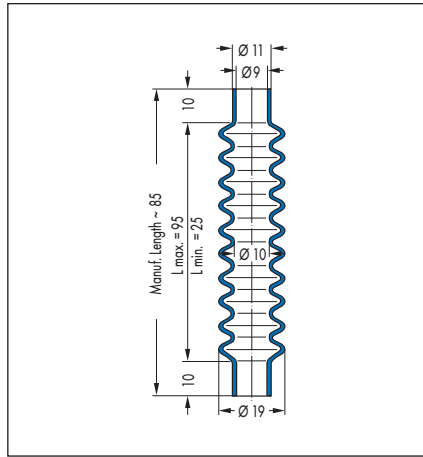
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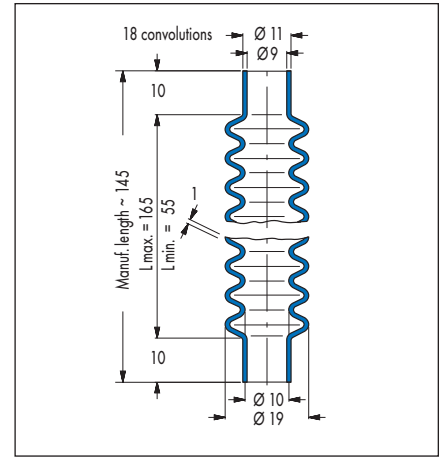
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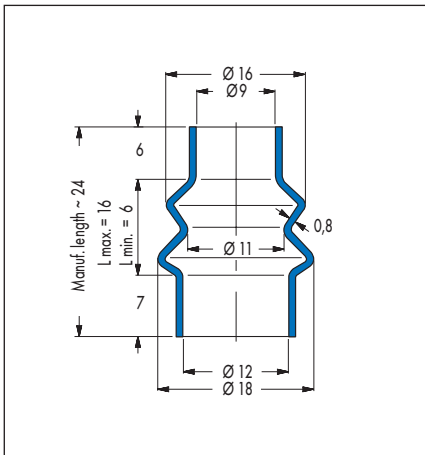
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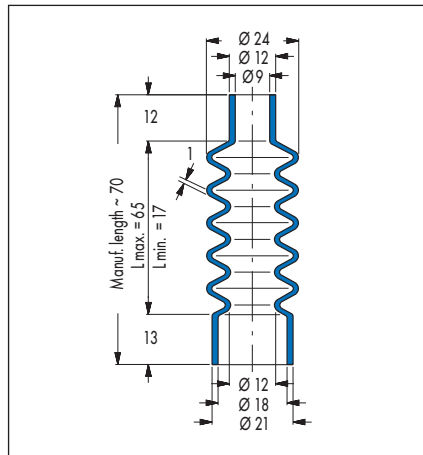
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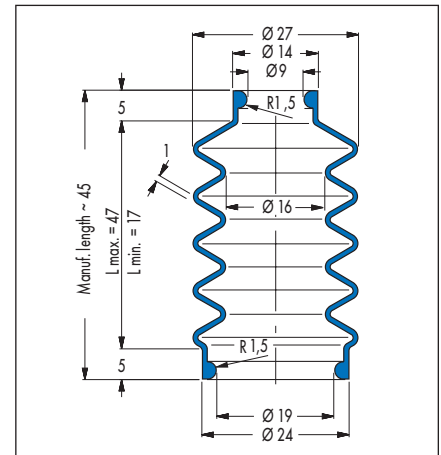
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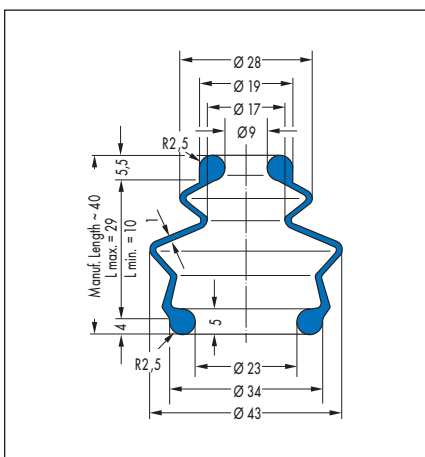
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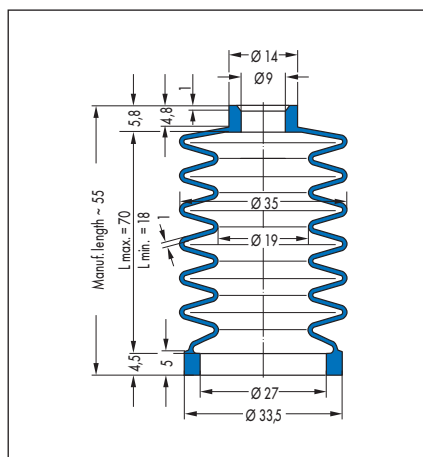
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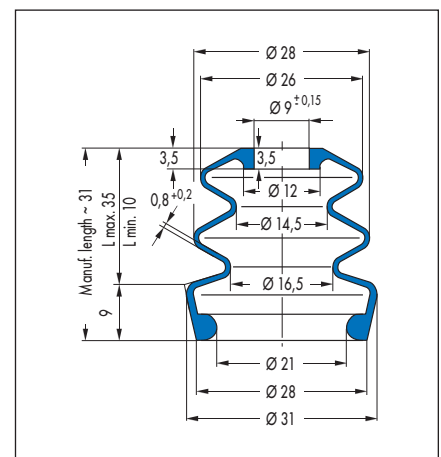
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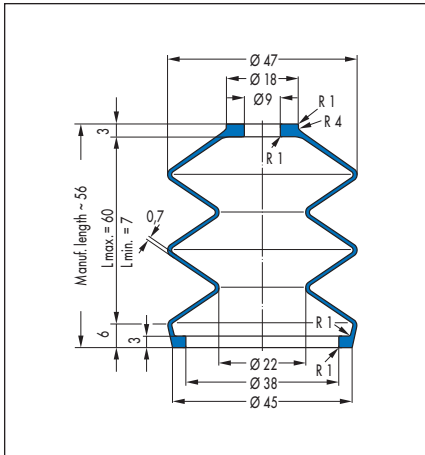
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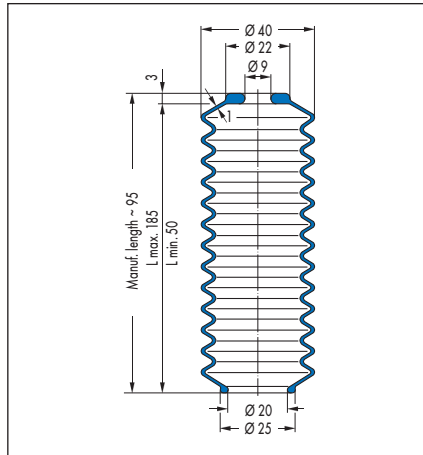
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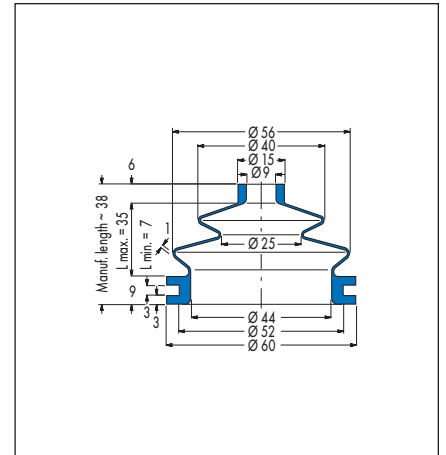
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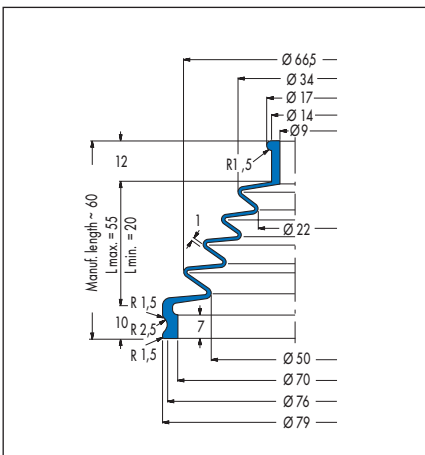
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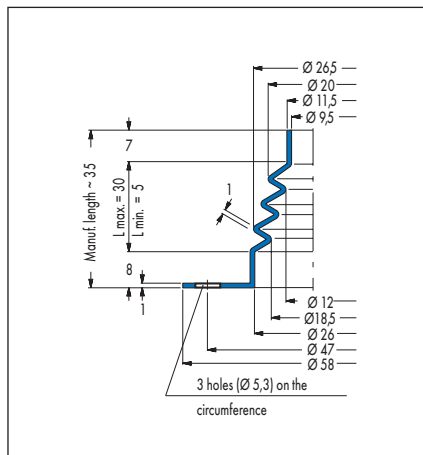
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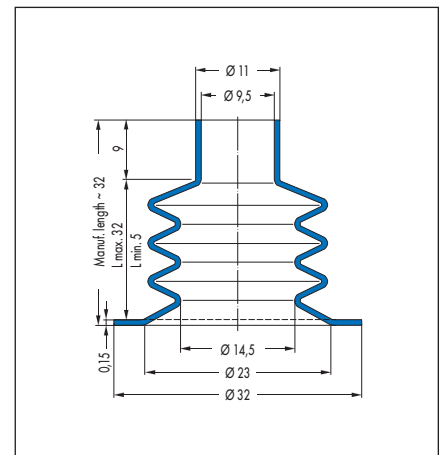
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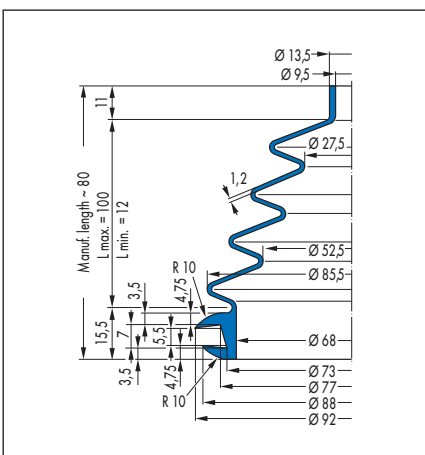
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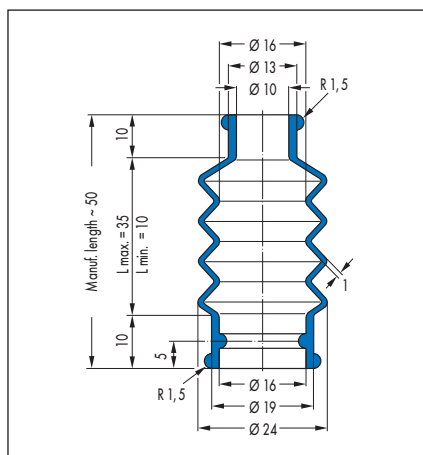
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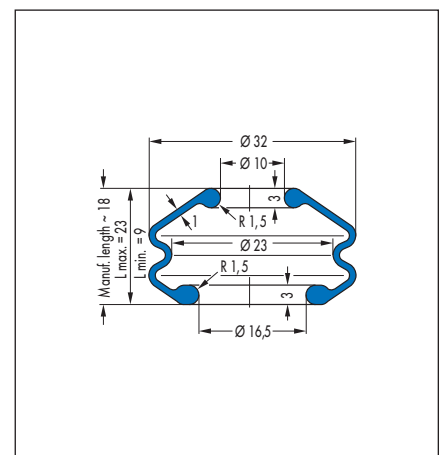
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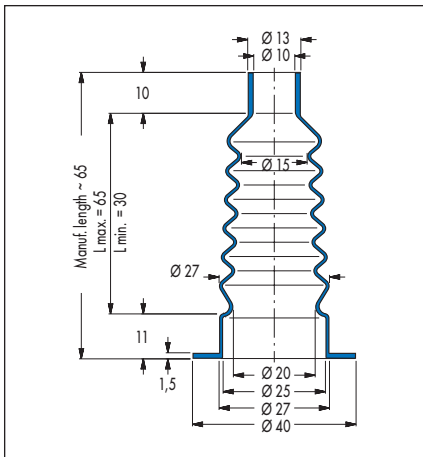
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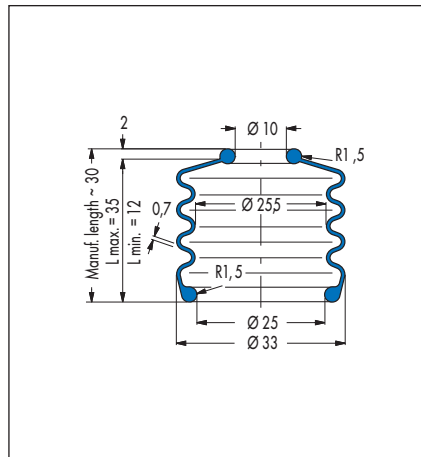
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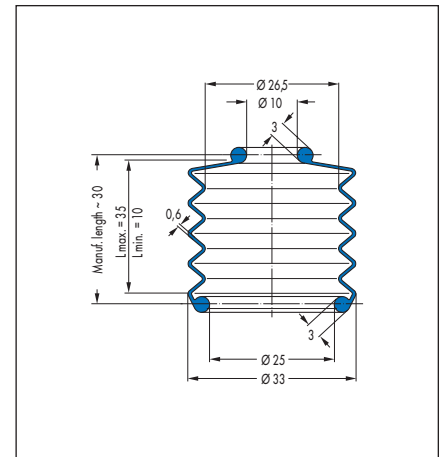
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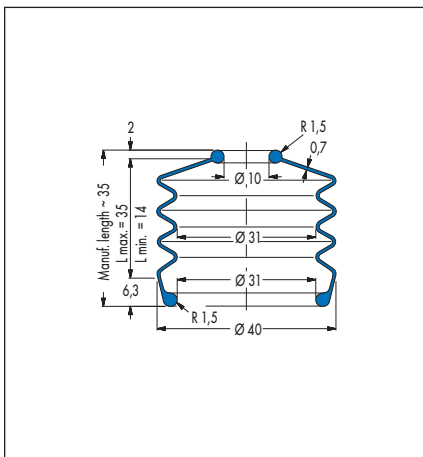
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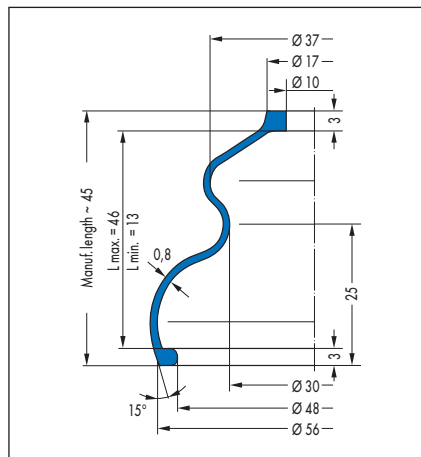
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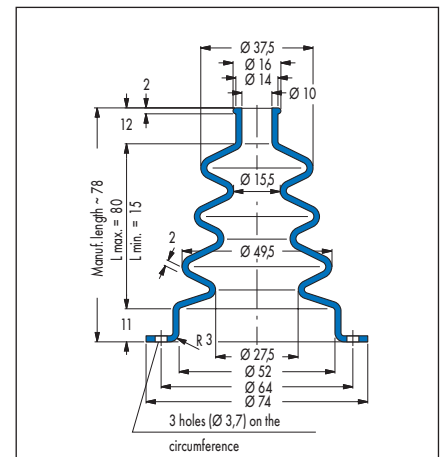
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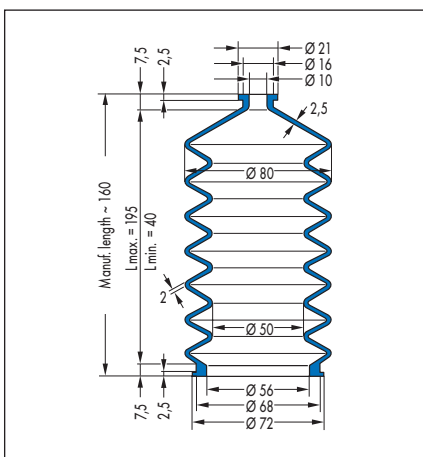
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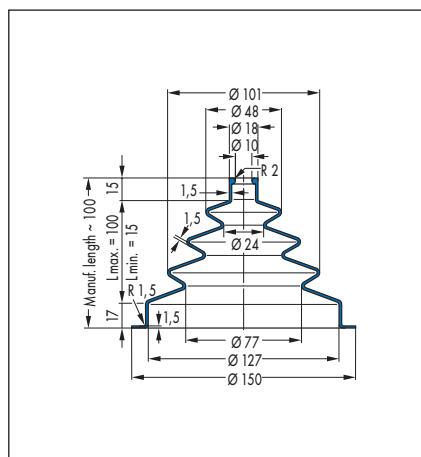
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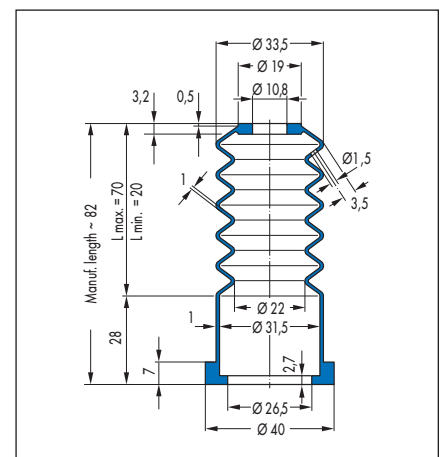
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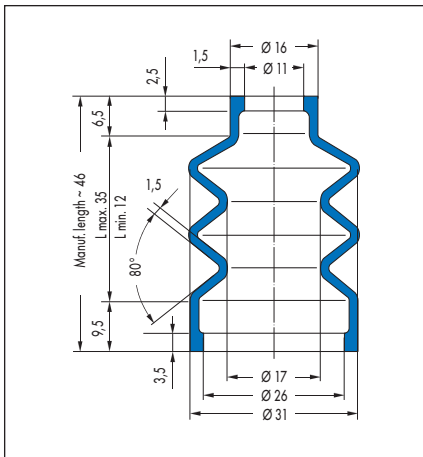
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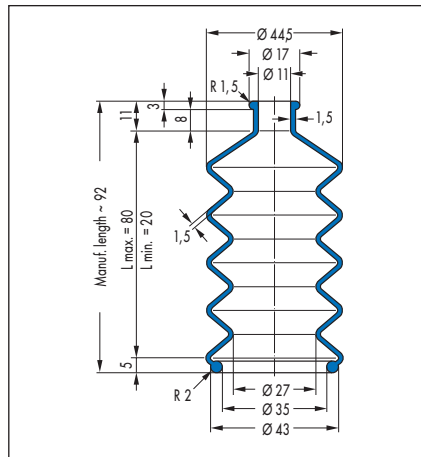
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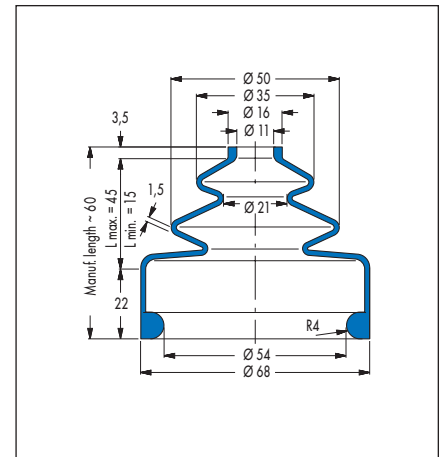
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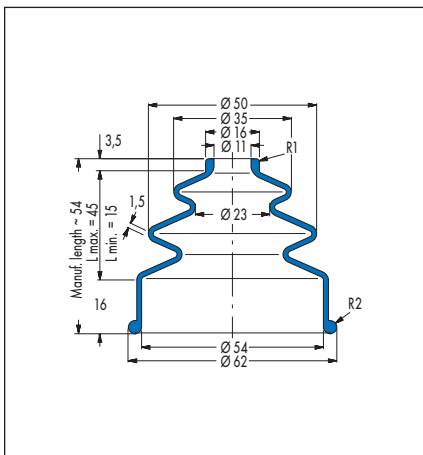
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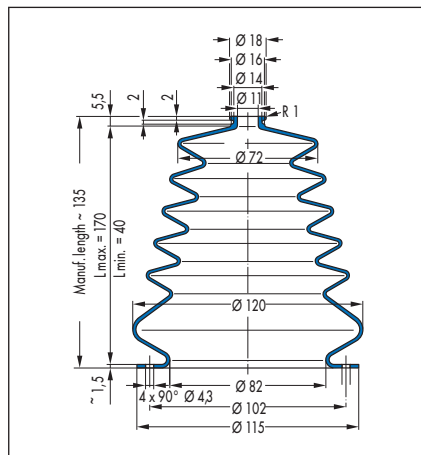
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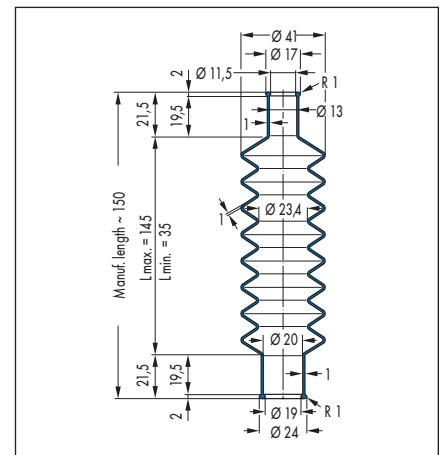
V6-00111, Article No. 434031



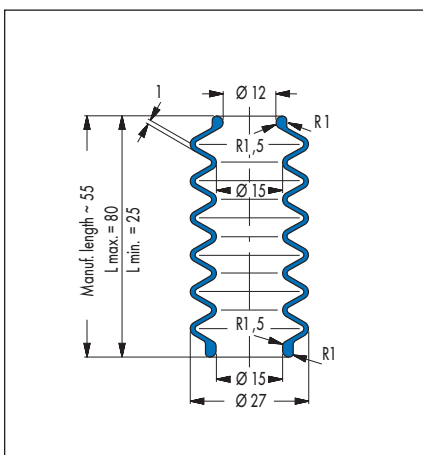
V6-00320, Article No. 440257



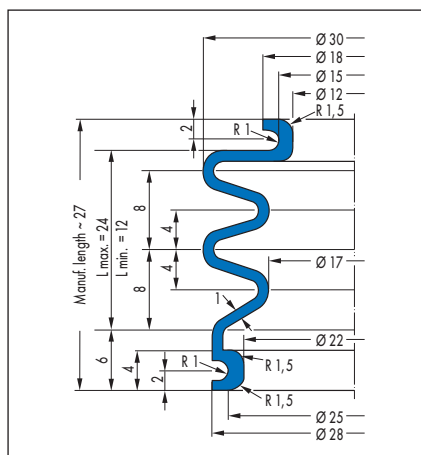
V6-01218, Article No. 454250



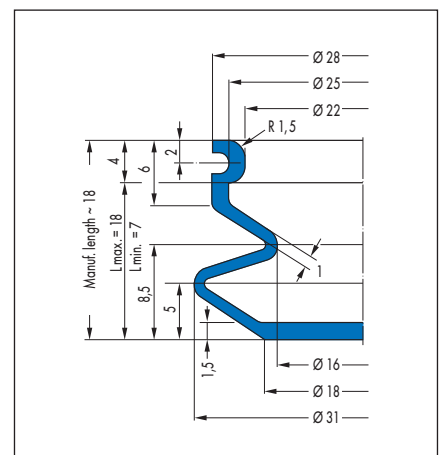
V6-00836, Article No. 400869



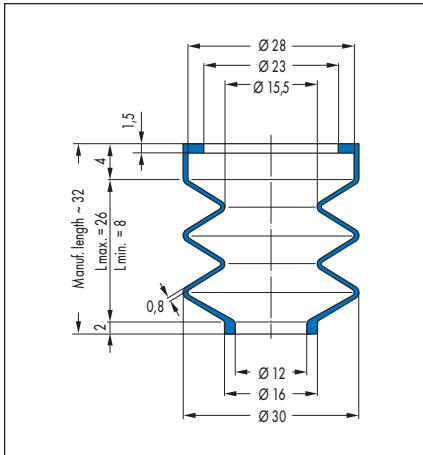
V6-00158, Article No. 430845



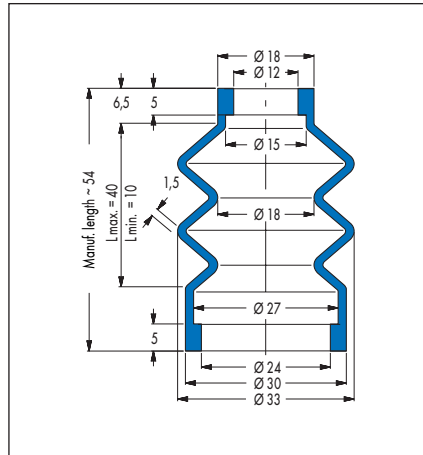
V6-01725, Article No. 370363



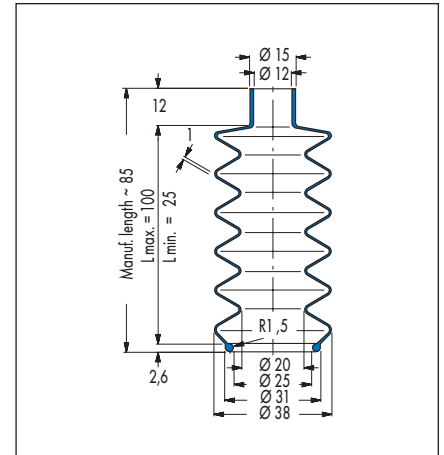
V6-01724, Article No. 357997



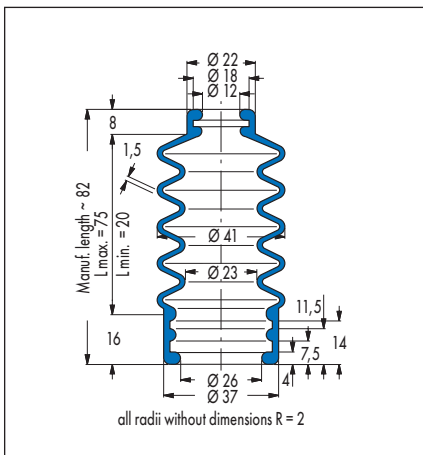
V6-01585, Article No. 365460



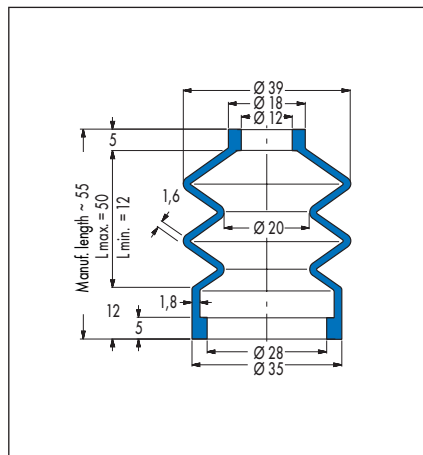
V6-00288, Article No. 452930



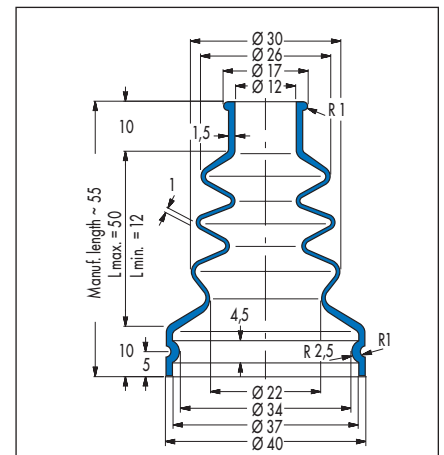
V6-00650, Article No. 428275



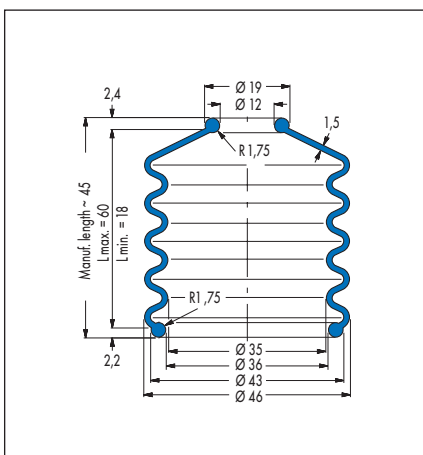
V6-00022, Article No. 29192



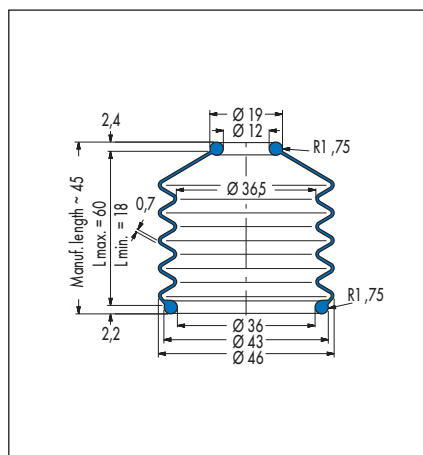
V6-00289, Article No. 439474



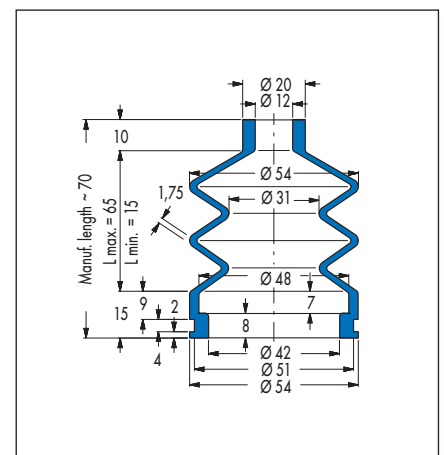
V6-00716, Article No. 427272



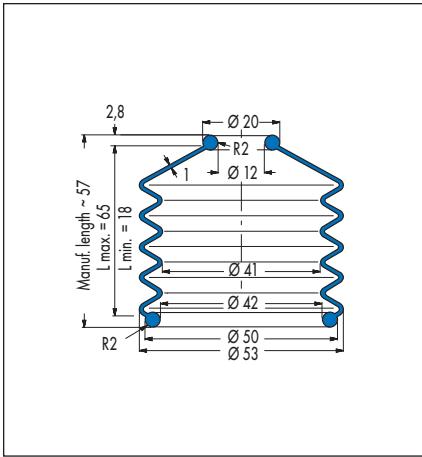
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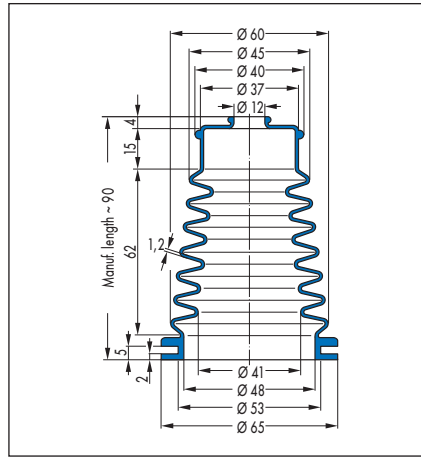
V6-00580, Article No. 81222 (42 CR 764)/
66382 (50 CR 879)



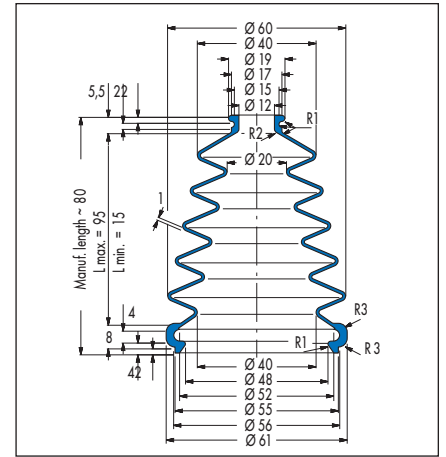
V6-00423, Article No. 435215



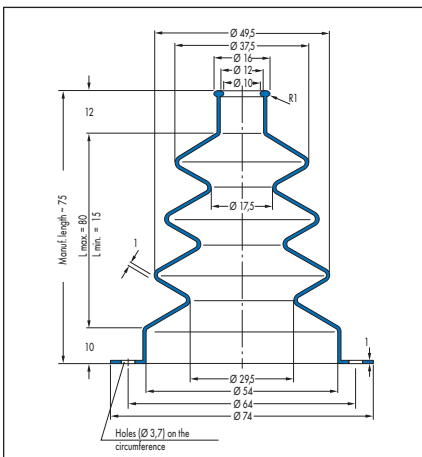
V6-00581, Article No. 438541 (42 CR 764)/
438542 (45 NBR 670)



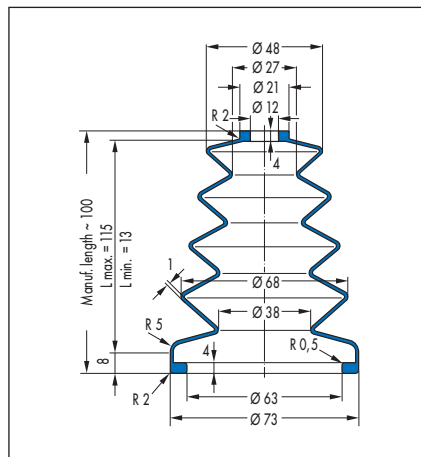
V6-00859, Article No. 31869



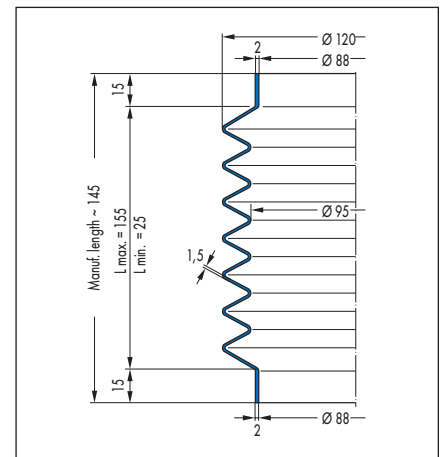
V6-00625, Article No. 438216



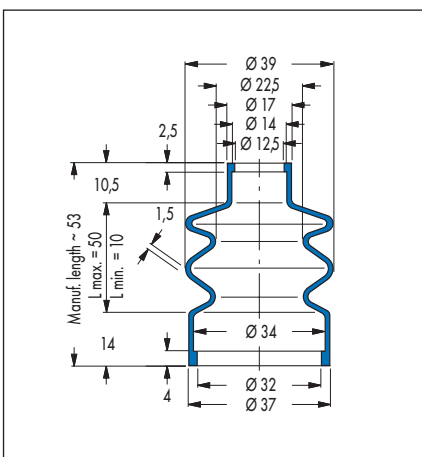
V6-00631, Article No. 426386



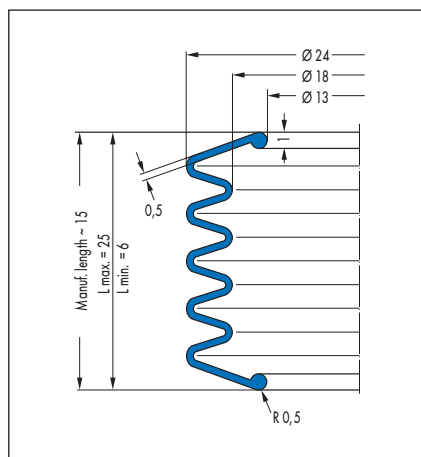
V6-01014, Article No. 454262



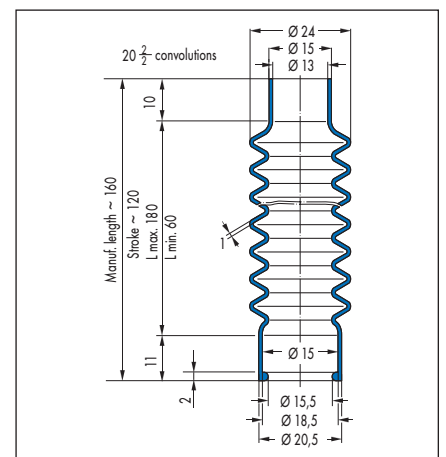
V6-01261, Article No. 454481



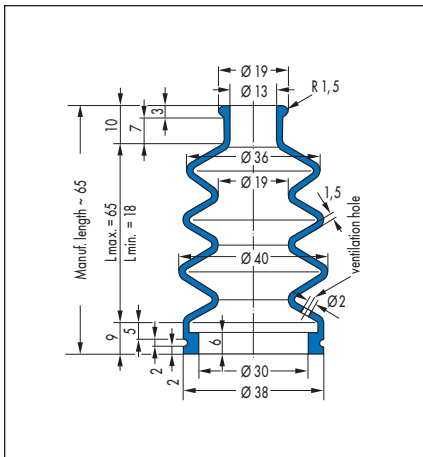
V6-00816, Article No. 434459



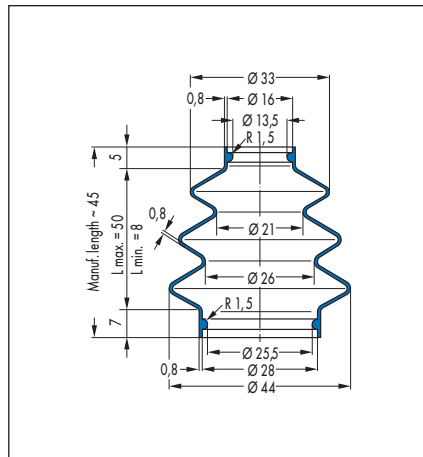
V6-00989, Article No. 117054



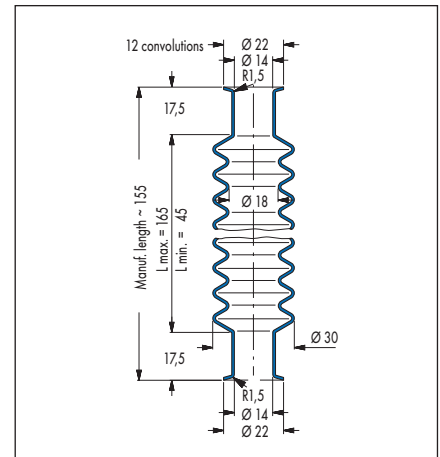
V6-00930, Article No. 400893



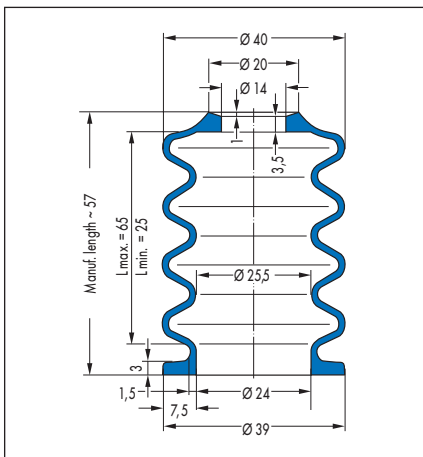
V6-00505, Article No. 453725



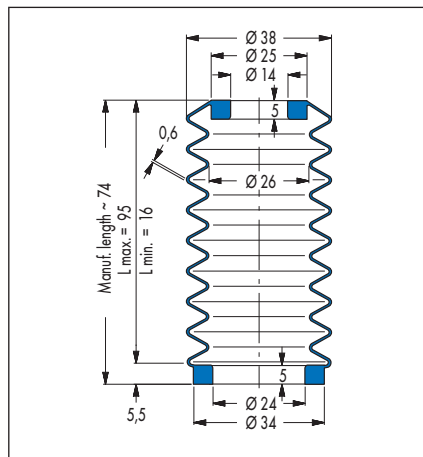
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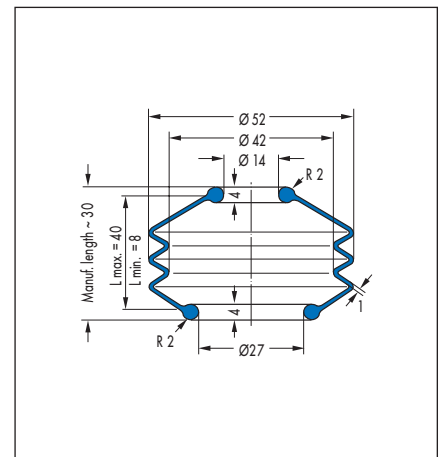
V6-00237, Article No. 427261



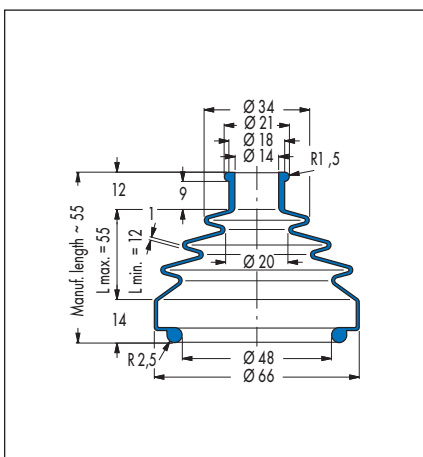
V6-00439, Article No. 29637



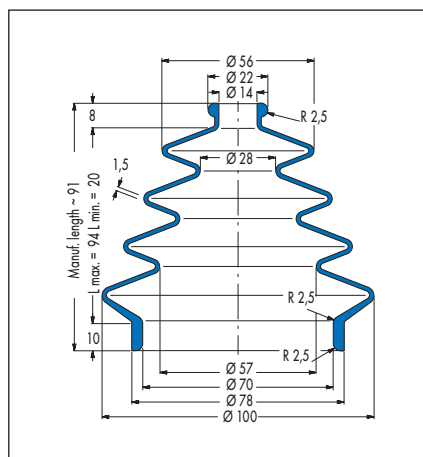
V6-00905, Article No. 428836 (42 CR 764)/
437671 (42 CR 764, with holes)



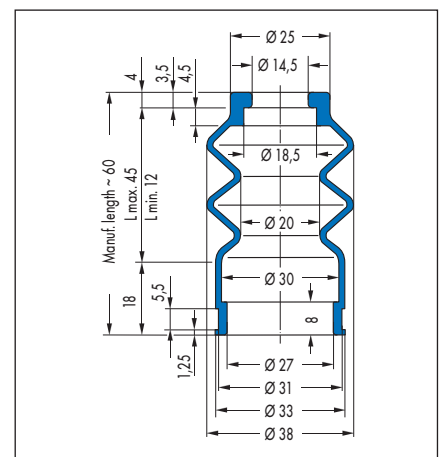
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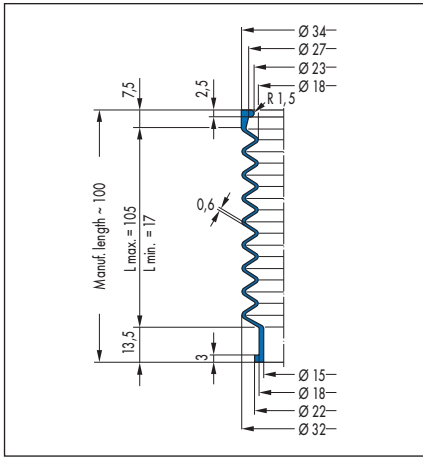
V6-00585, Article No. 436697 (42 CR 764)/
436695 (50 CR 879)



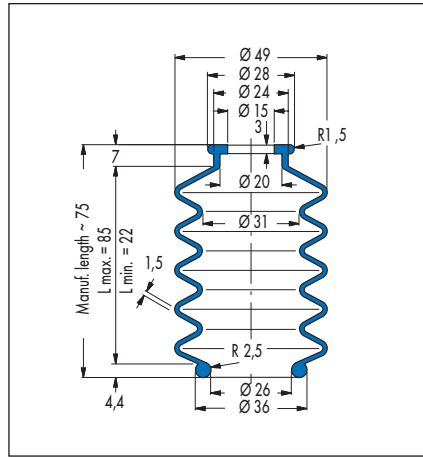
V6-01358, Article No. 451650



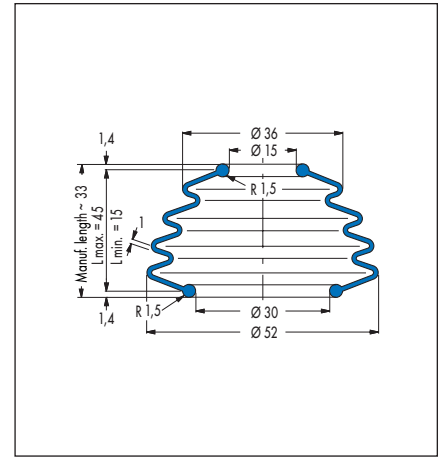
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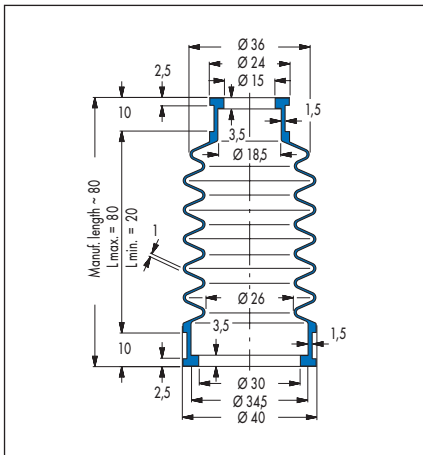
V6-01450, Article No. 452567



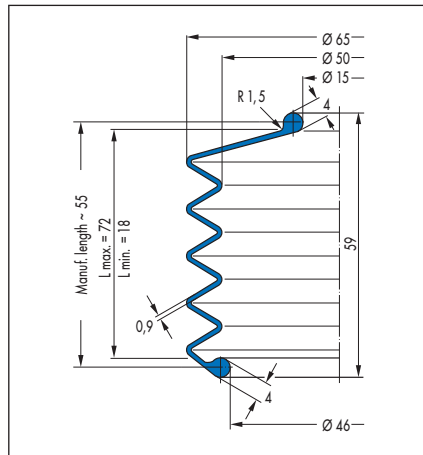
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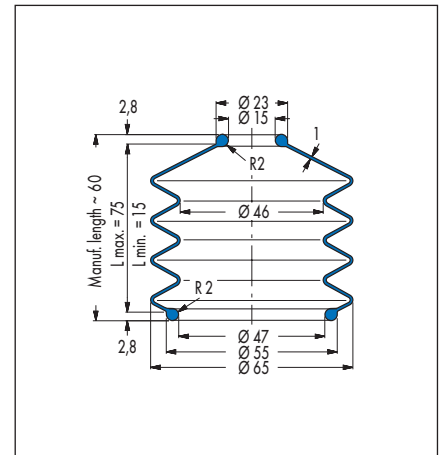
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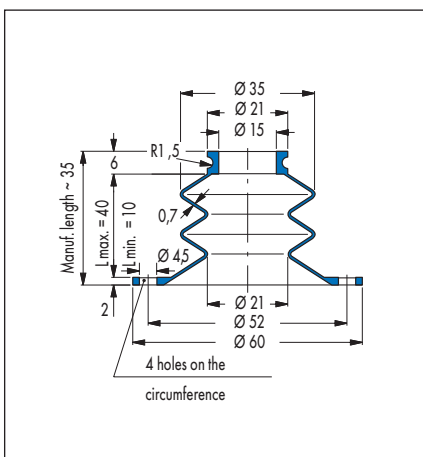
V6-00156, Article No. 436158



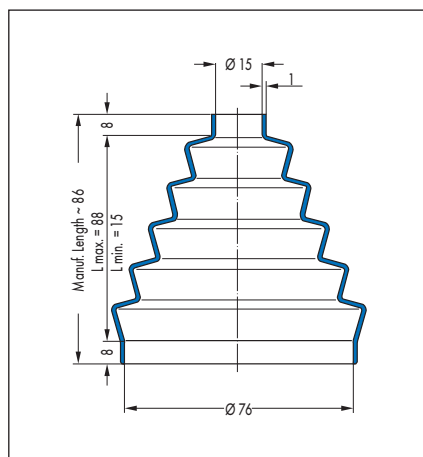
V6-01538, Article No. 434075



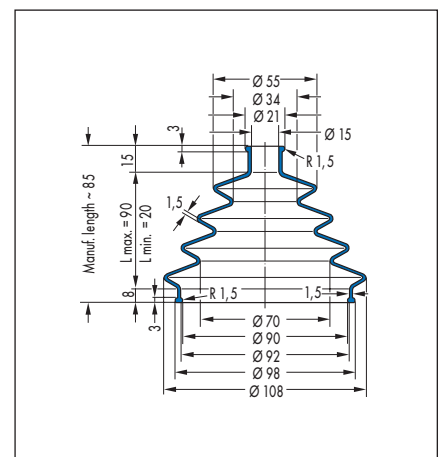
V6-00582, Article No. 432918



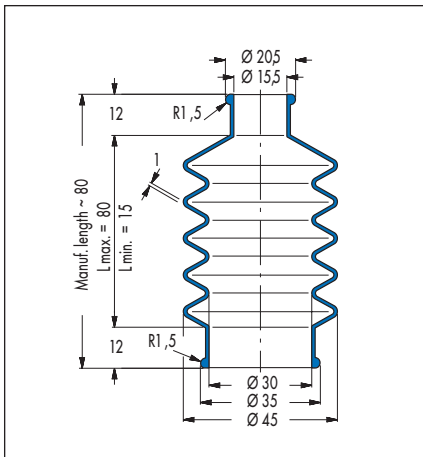
V6-00366, Article No. 427266



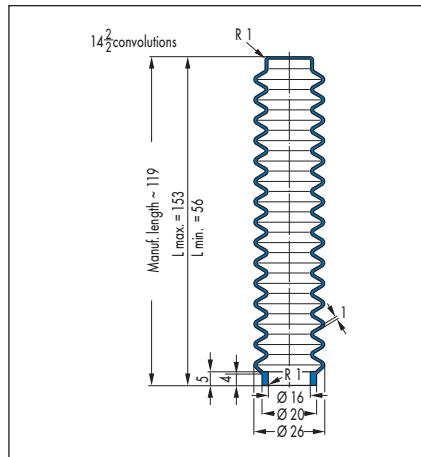
V6-00116, Article No. 439182 (42 CR 764)/
439181 (50 CR 879)



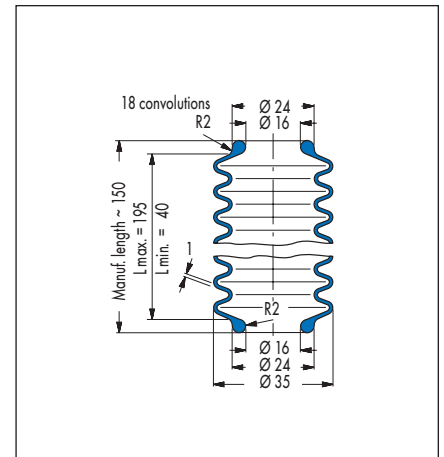
V6-00787, Article No. 29962



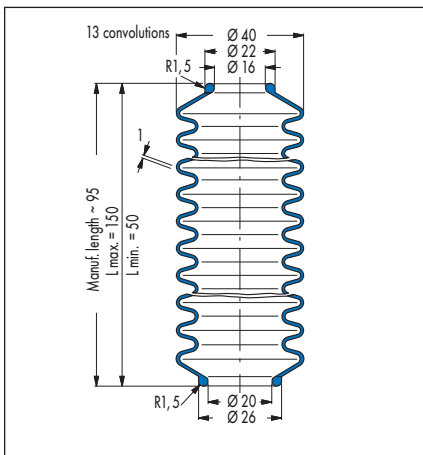
V6-01019, Article No. 438569



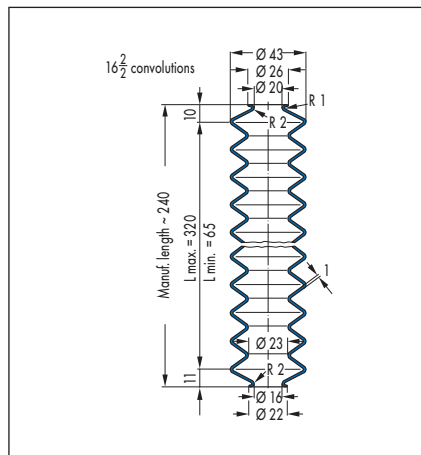
V6-01353, Article No. 82687



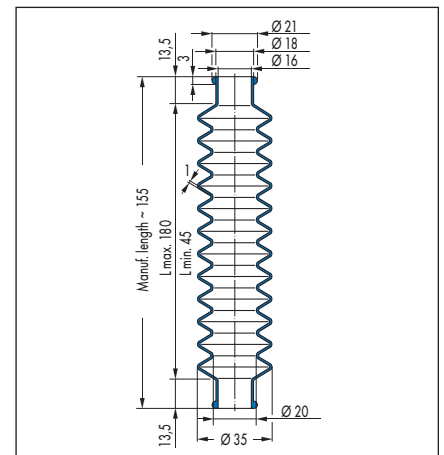
V6-00293, Article No. 434026



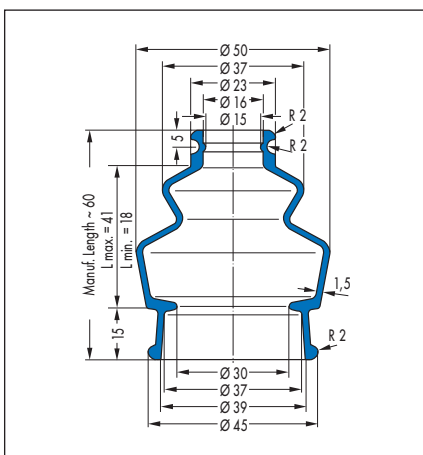
V6-00013, Article No. 438211



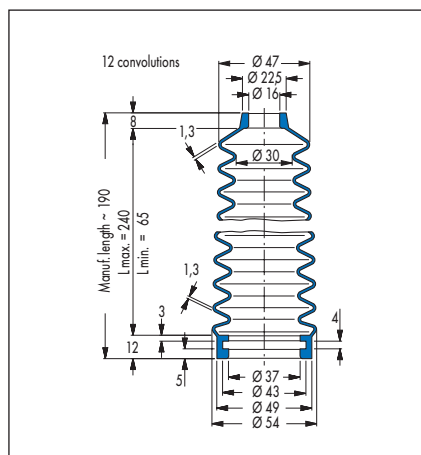
V6-00586, Article No. 431276



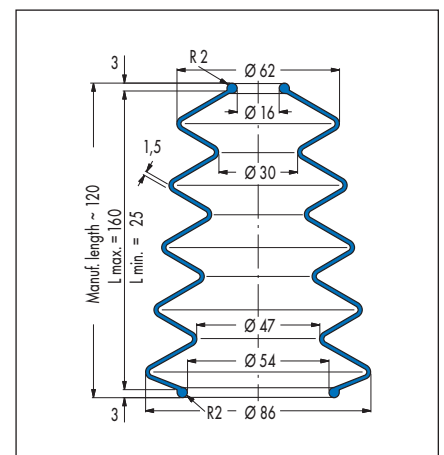
V6-00639, Article No. 400785



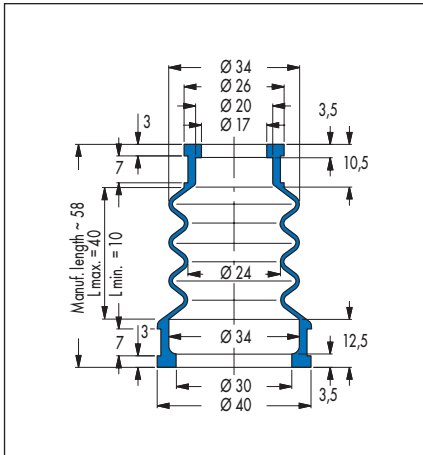
V6-00282, Article No. 440305



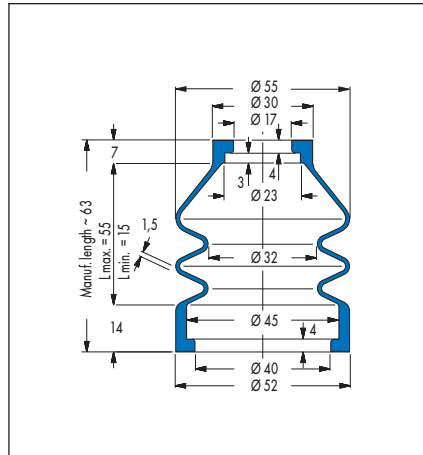
V6-00404, Article No. 428849 (42 CR 764)/
428851 (45 NBR 670)



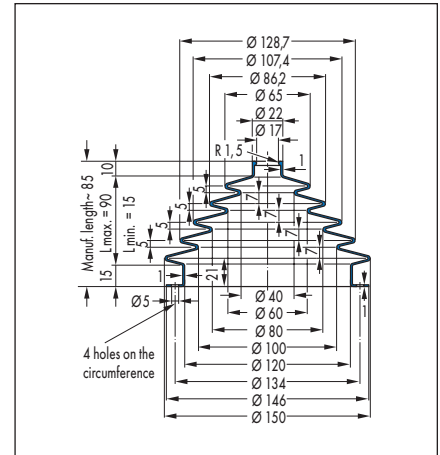
V6-00610, Article No. 426375



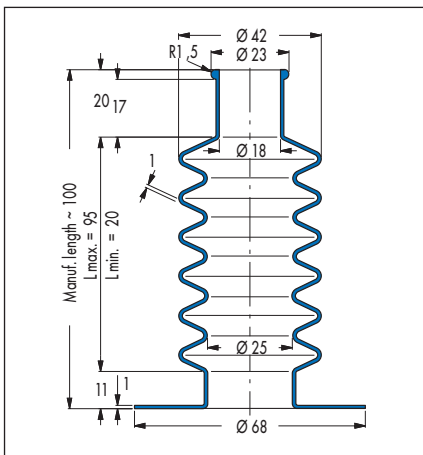
V6-00076, Article No. 433980



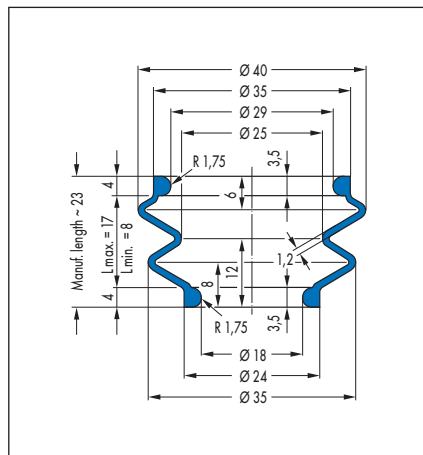
V6-00221, Article No. 428830



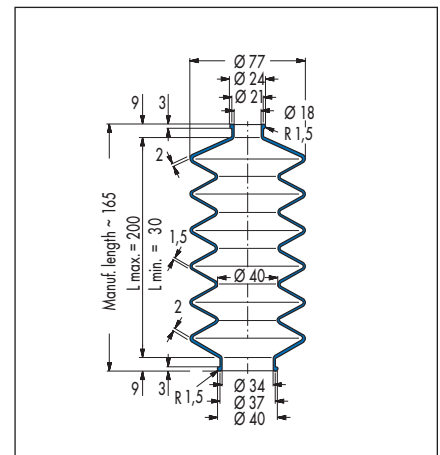
V6-01141, Article No. 454243



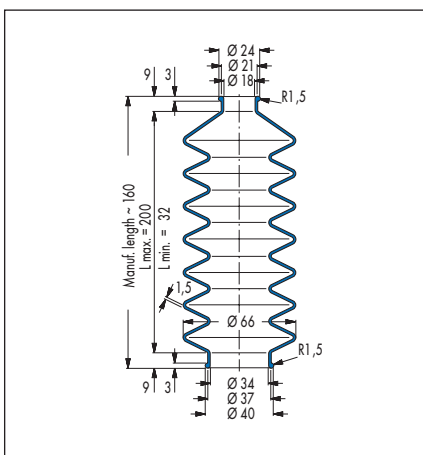
V6-00713, Article No. 431525



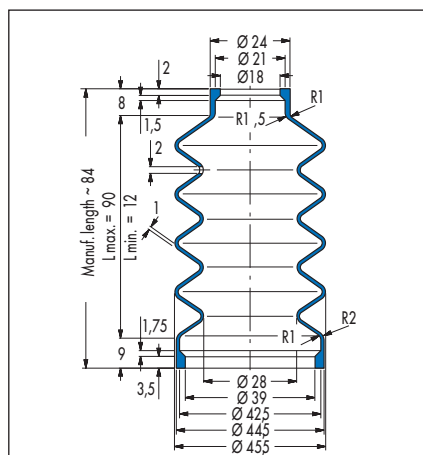
V6-01556, Article No. 432591



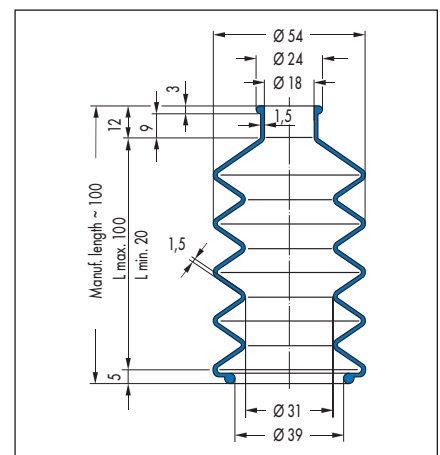
V6-00531, Article No. 453728



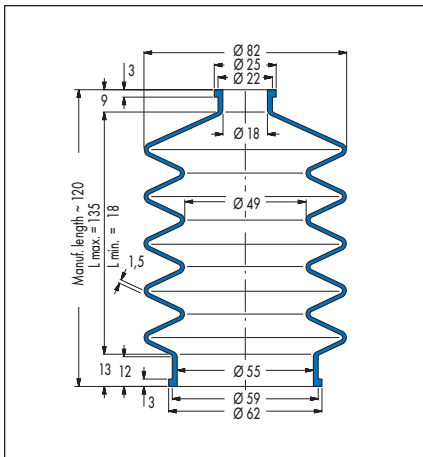
V6-00503, Article No. 440392 (42 CR 764)/
440391 (50 CR 879)



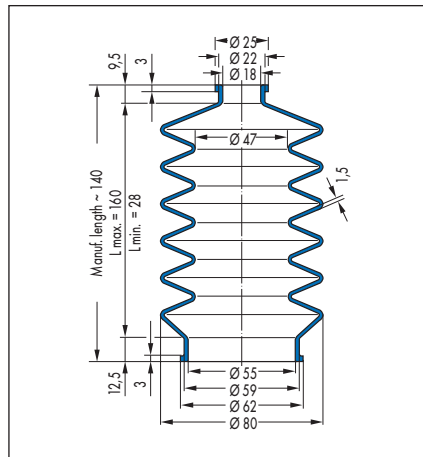
V6-00347, Article No. 501252



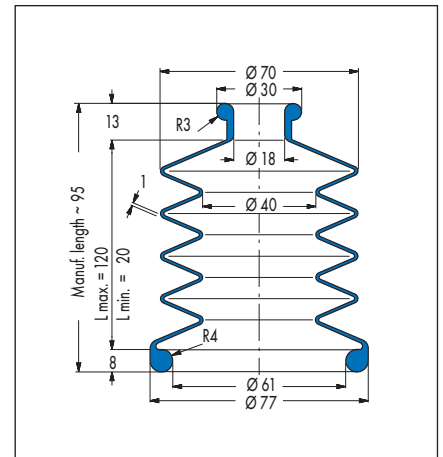
V6-00828, Article No. 11520



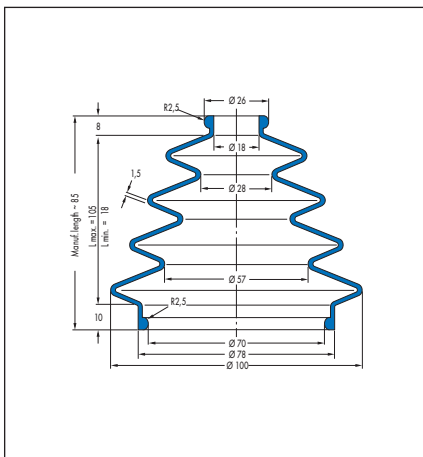
V6-00075, Article No. 439195



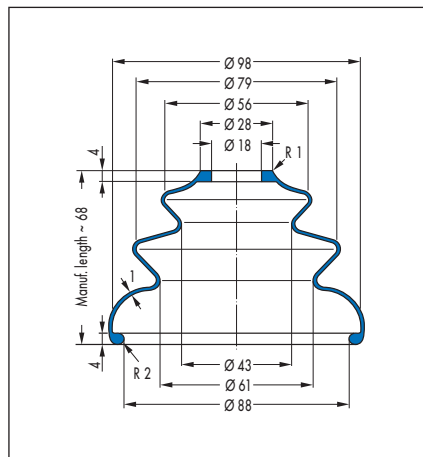
V6-00275, Article No. 451293



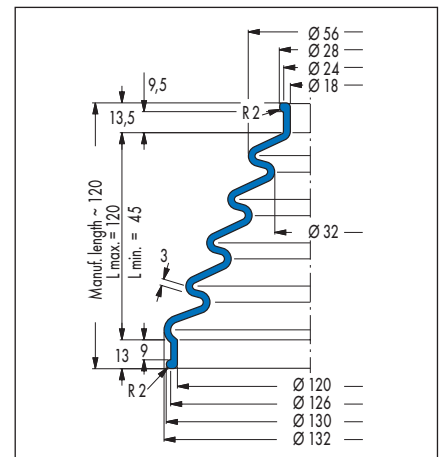
V6-00313, Article No. 440315



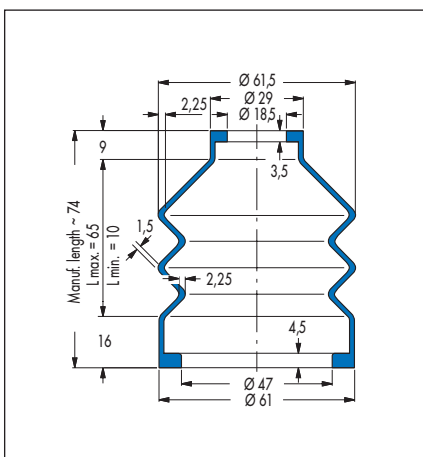
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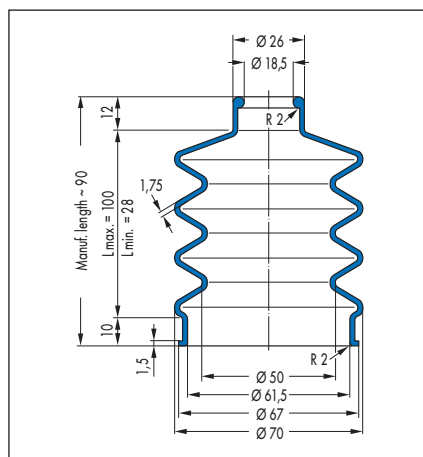
V6-00942, Article No. 450411



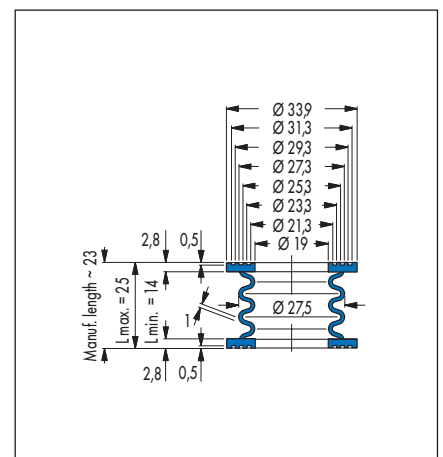
V6-00575, Article No. 29752



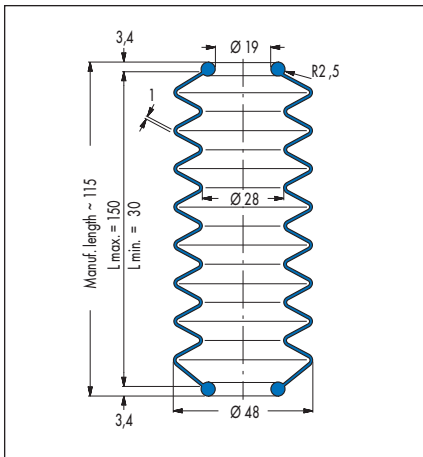
V6-00203, Article No. 431289



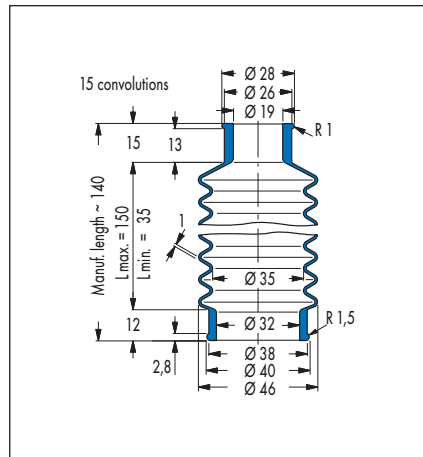
V6-00843, Article No. 432191



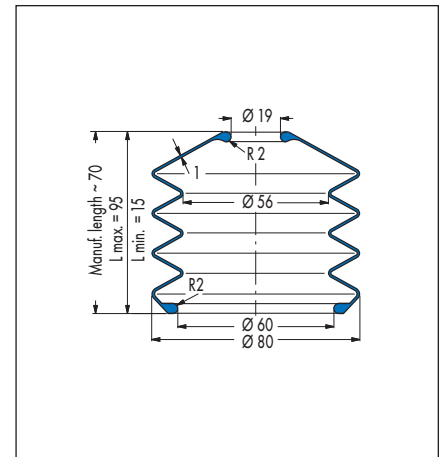
V6-00383, Article No. 430846



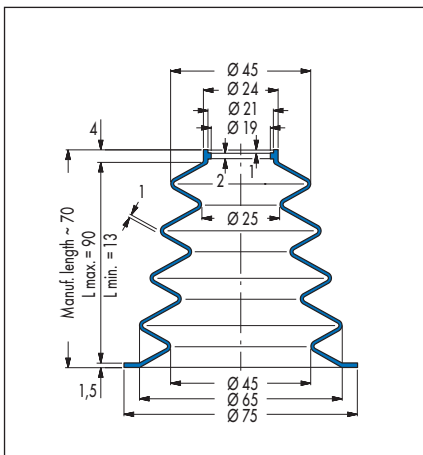
V6-00726, Article No. 426387 (42 CR 764)/
429078 (45 NBR 670)



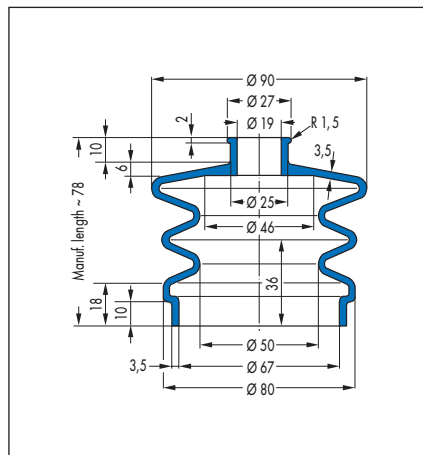
V6-00679, Article No. 426799



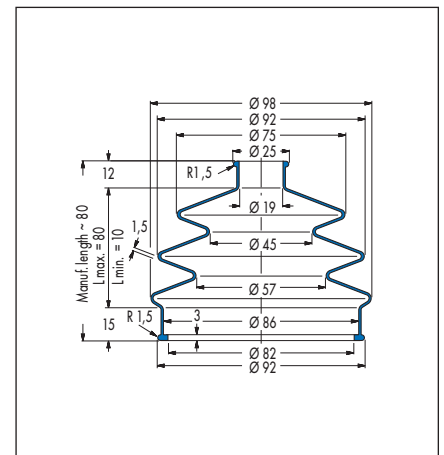
V6-00565, Article No. 434030



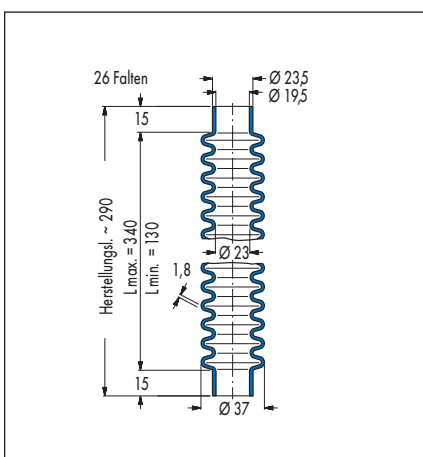
V6-00714, Article No. 427269 (42 CR 764)/
427271 (45 NBR 670)



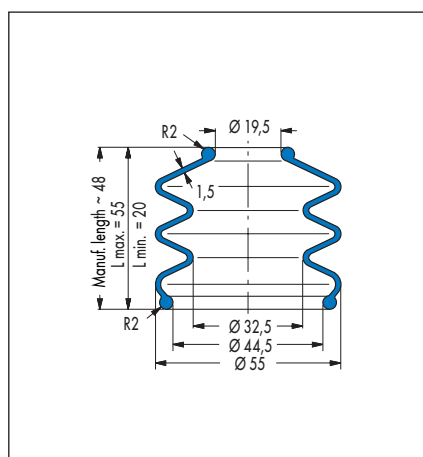
V6-20199, Article No. 501112



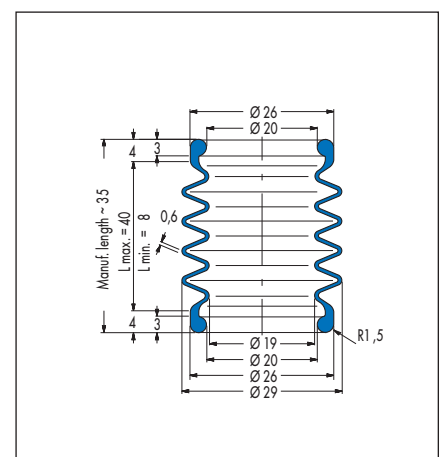
V6-00955, Article No. 429670



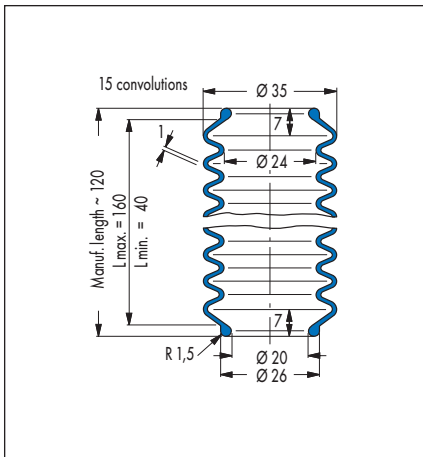
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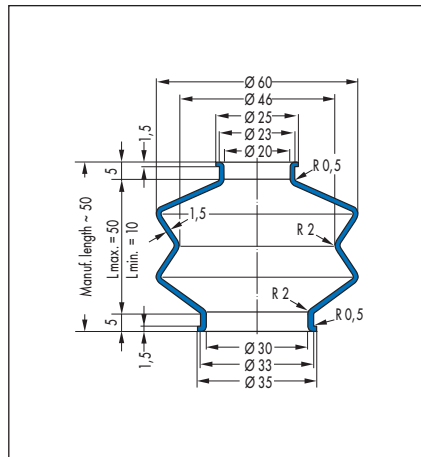
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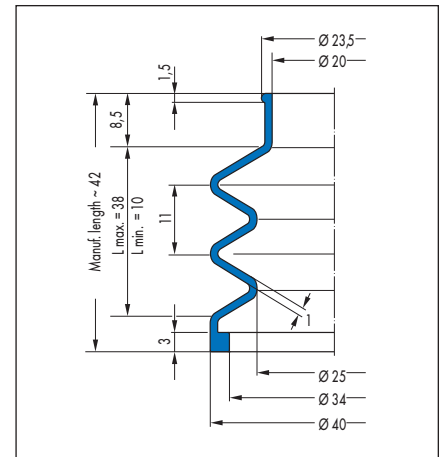
V6-00722, Article No. 336382



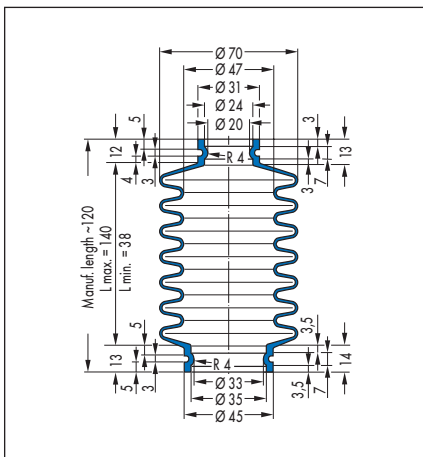
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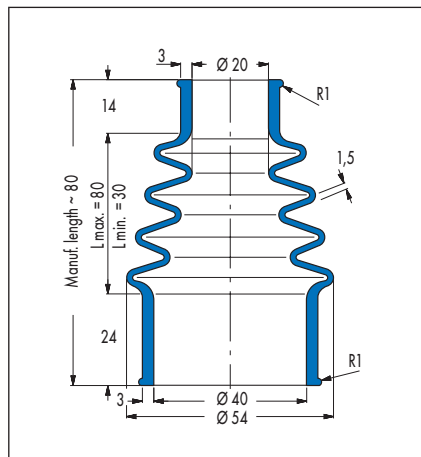
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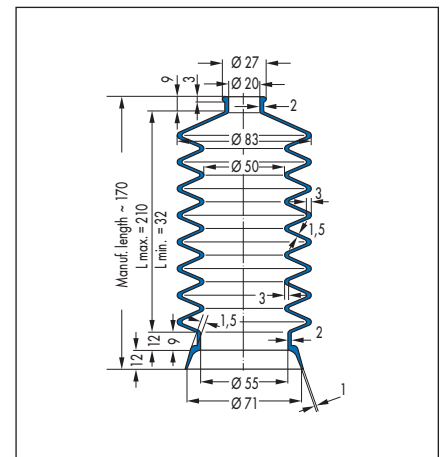
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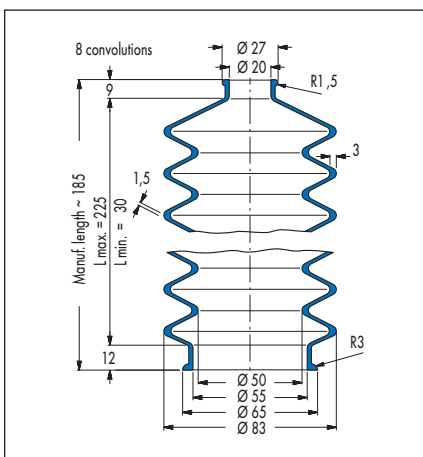
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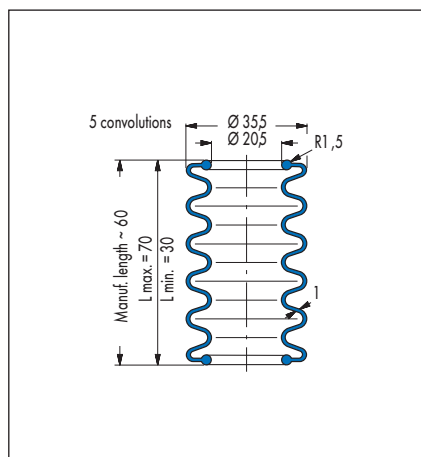
V6-01544, Article No. 301805



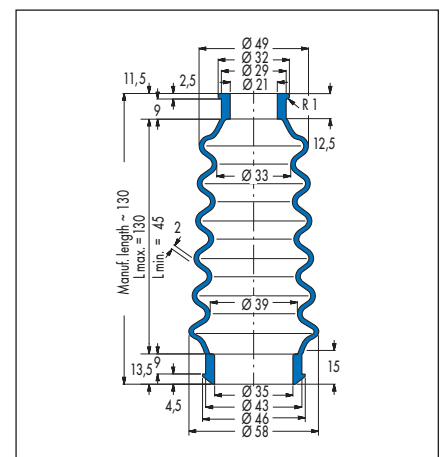
V6-00434, Article No. 438213



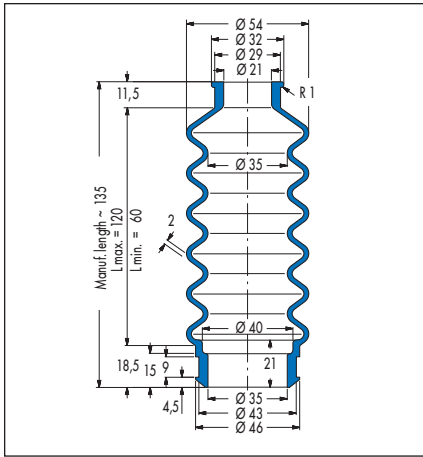
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429668 (50 CR 879)



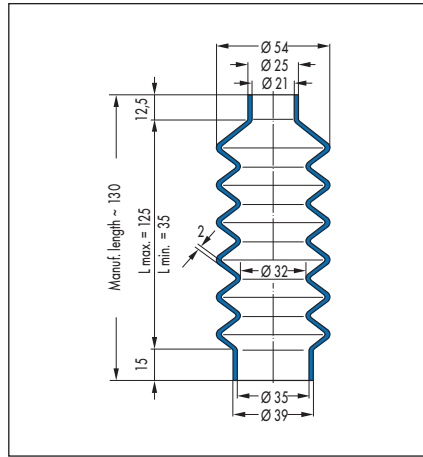
V6-00302, Article No. 440318



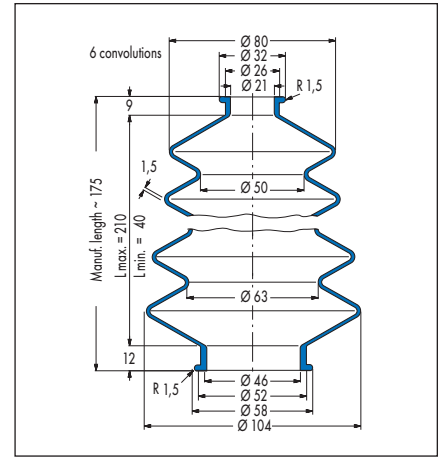
V6-00195, Article No. 436916



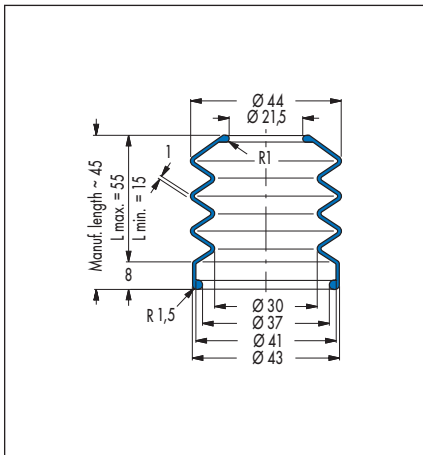
V6-00305, Article No. 426323



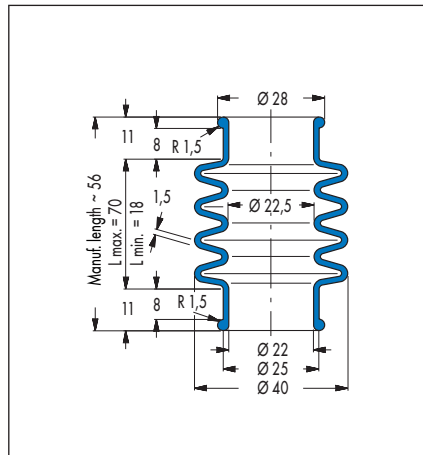
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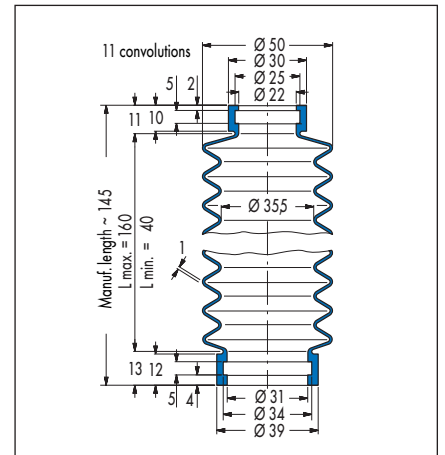
V6-00365, Article No. 431649



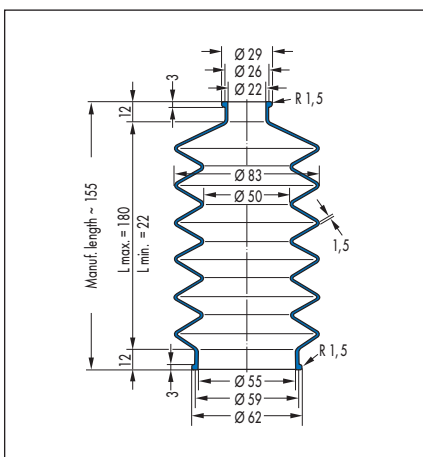
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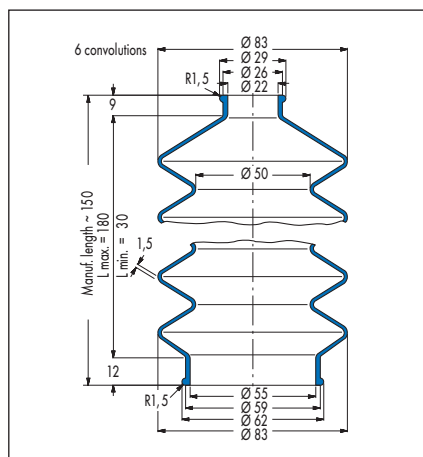
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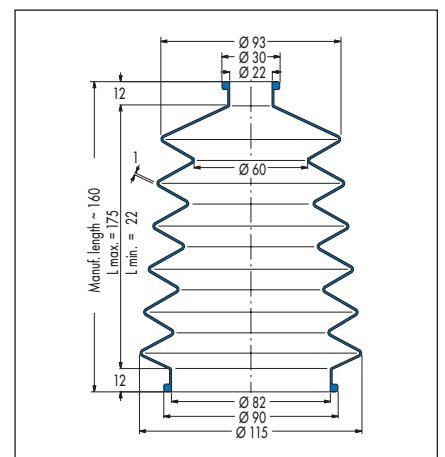
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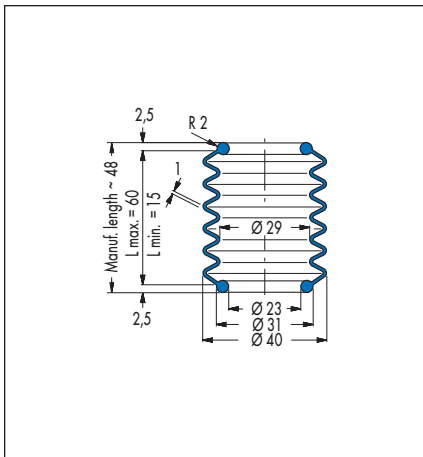
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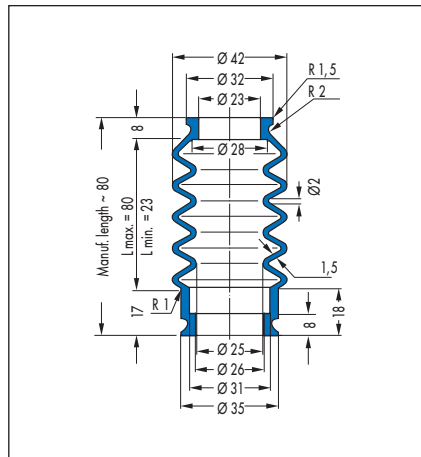
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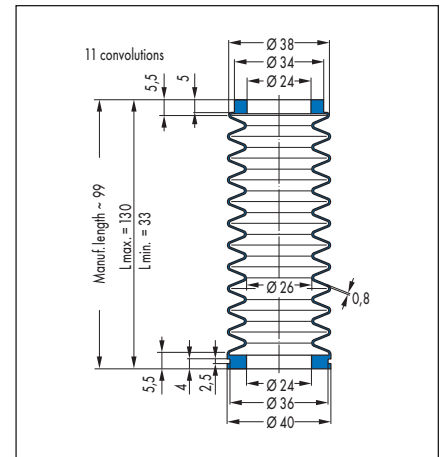
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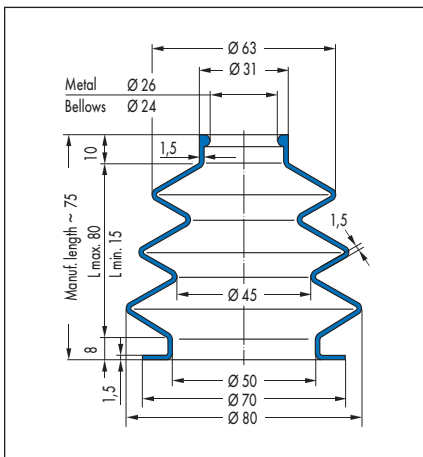
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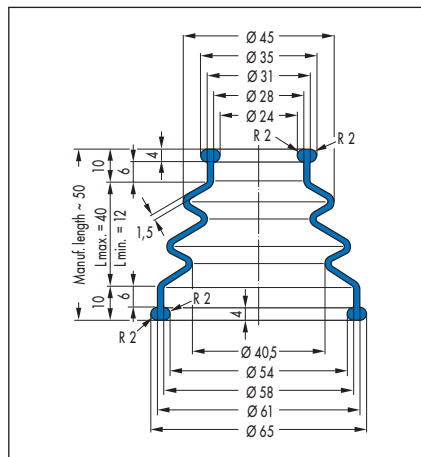
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2910 (50 CR 879)



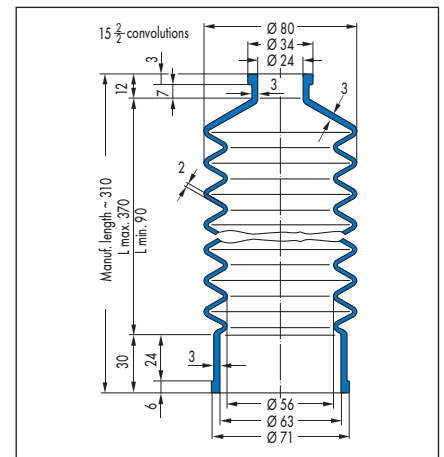
V6-20044, Article No. 384441



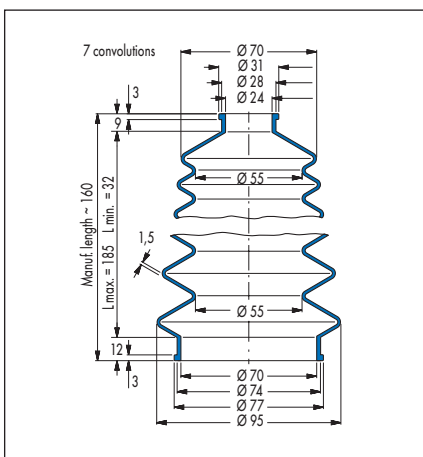
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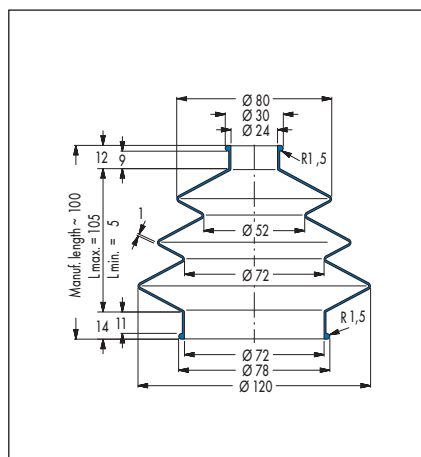
V6-00851, Article No. 457841



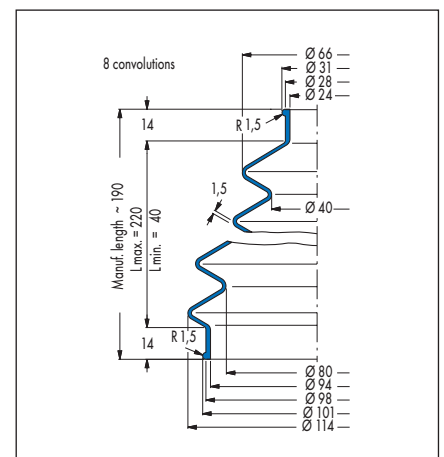
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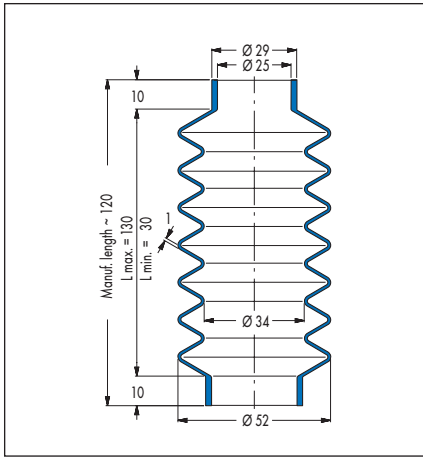
V6-00069, Article No. 432599 (42 CR 764)/
432600 (53 CR 858)



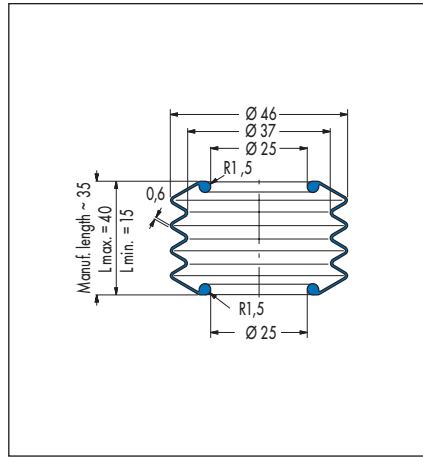
V6-00604, Article No. 436936



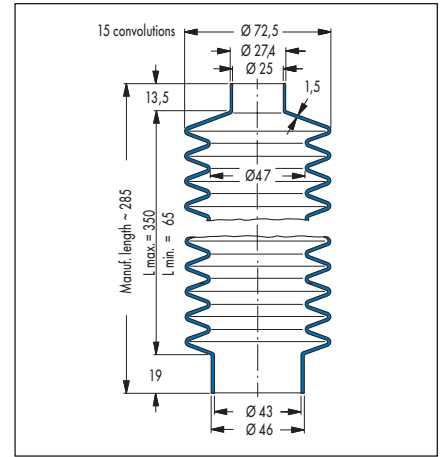
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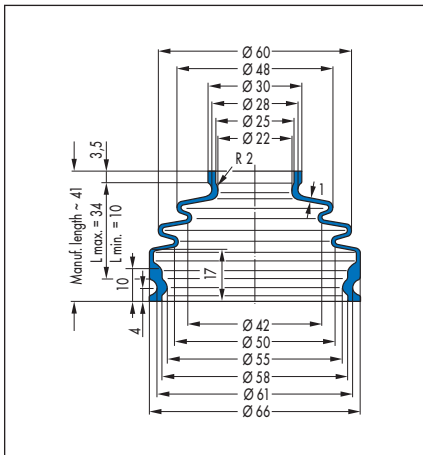
V6-00416, Article No. 434015



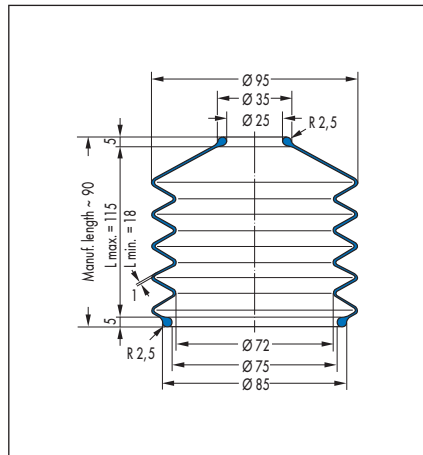
V6-00462, Article No. 440279 (42 CR 764)/
440283 (45 NBR 670)



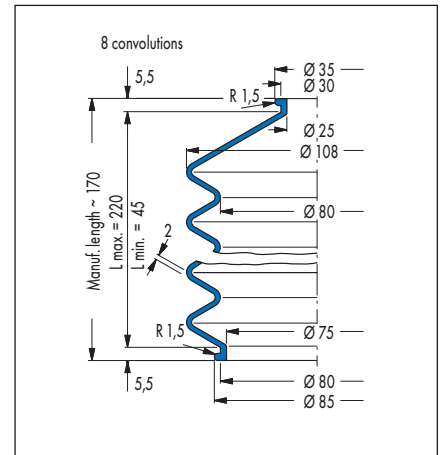
V6-00059, Article No. 29213



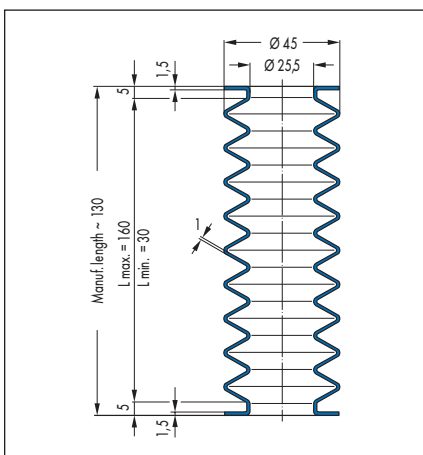
V6-00997, Article No. 451314



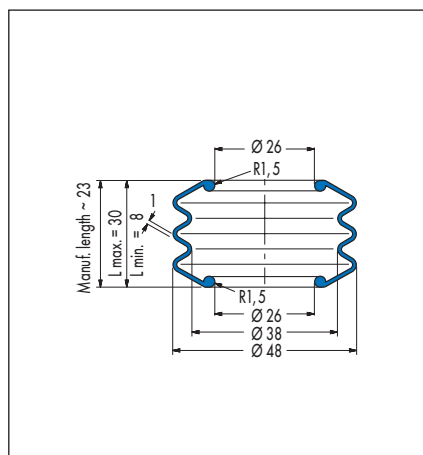
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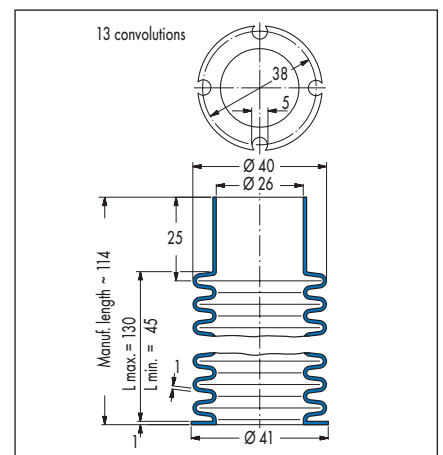
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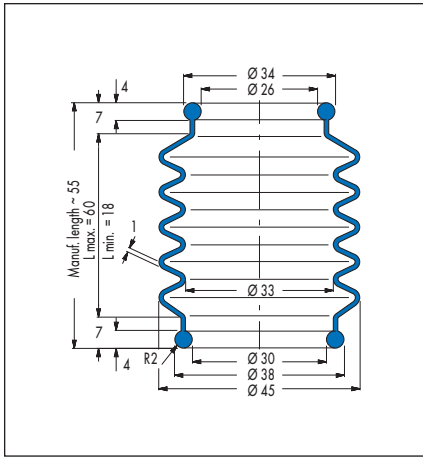
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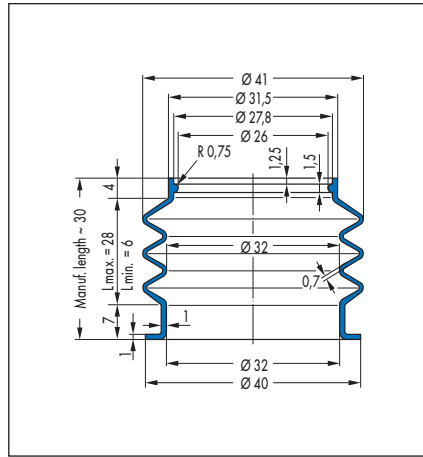
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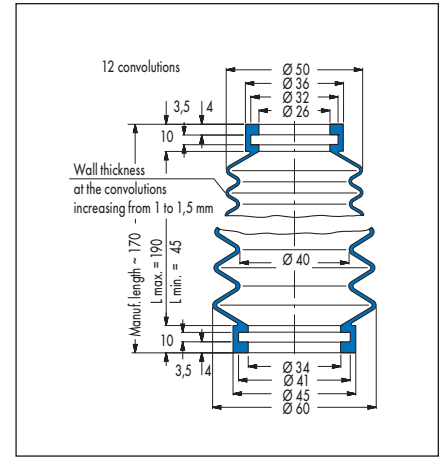
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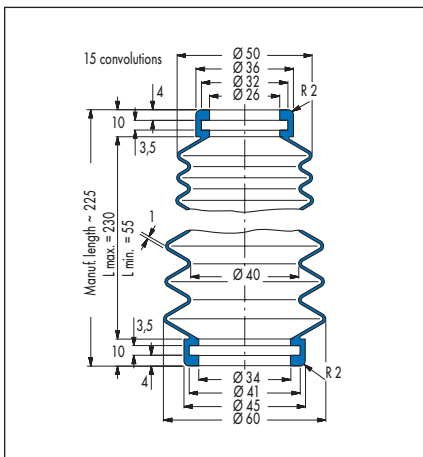
V6-00592, Article No. 426382



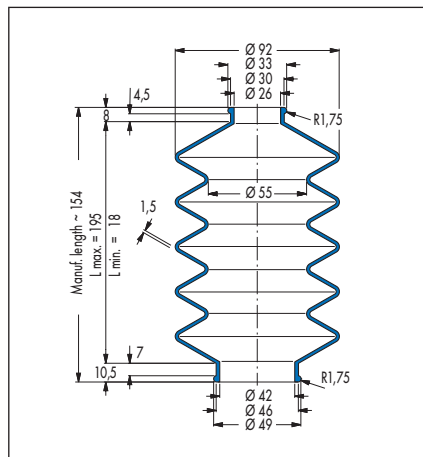
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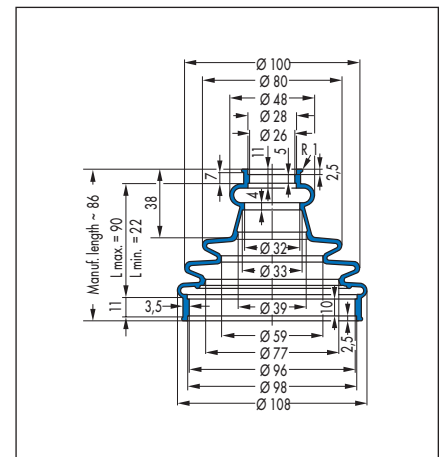
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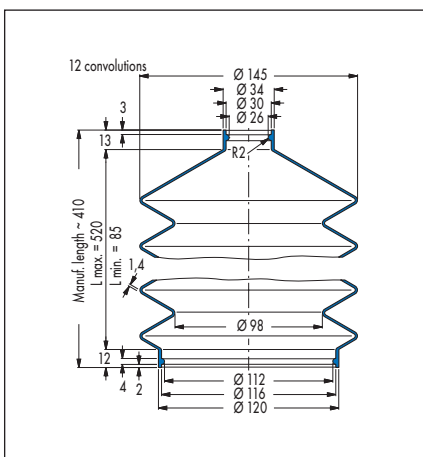
V6-00401, Article No. 440291



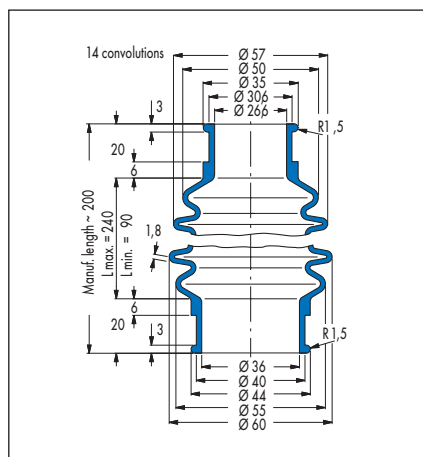
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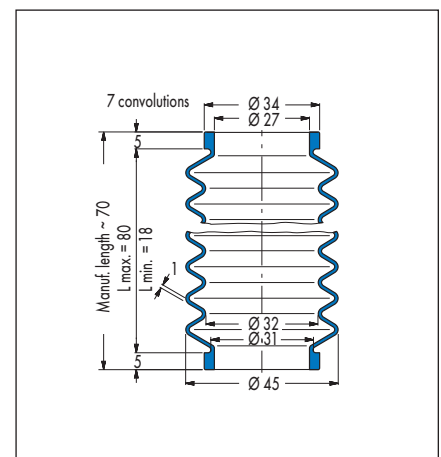
V6-01755, Article No. 451384



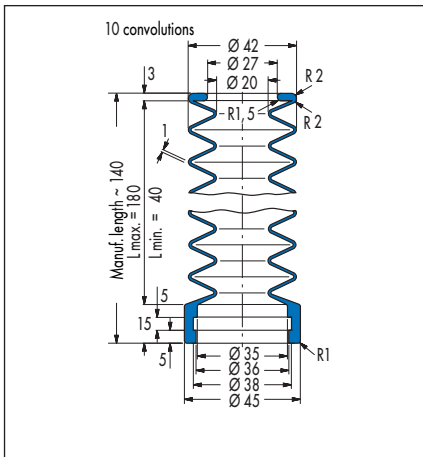
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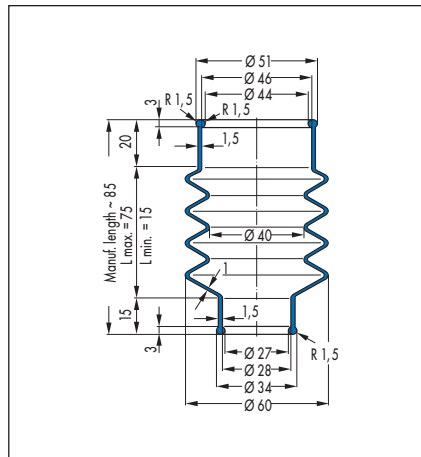
V6-00324, Article No. 440316



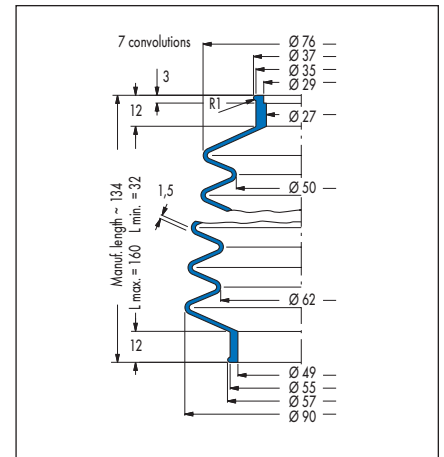
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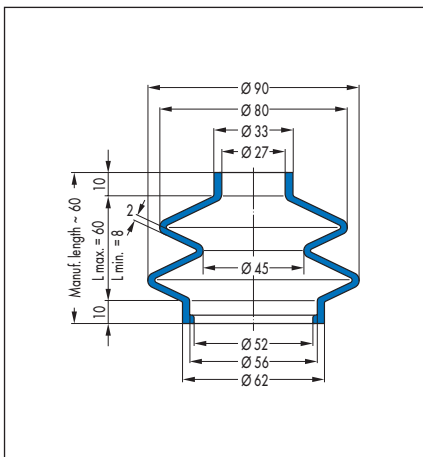
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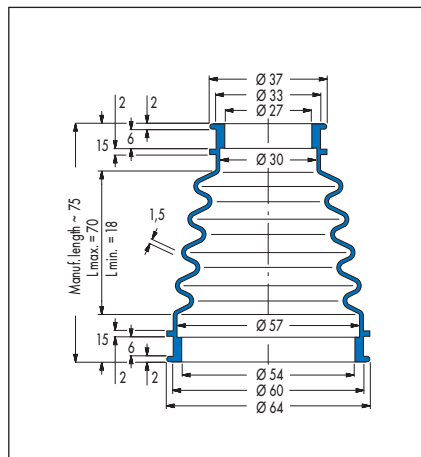
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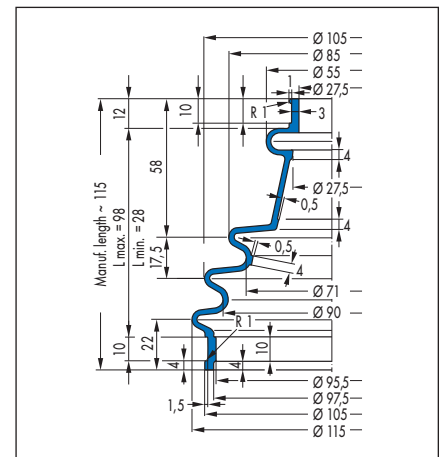
V6-00106, Article No. 430857 (42 CR 764)/
430856 (45 NBR 670)



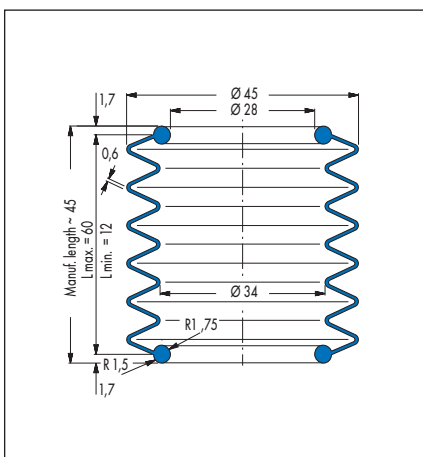
V6-01055, Article No. 457773



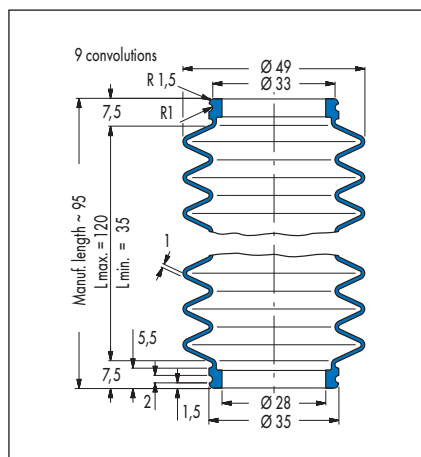
V6-00857, Article No. 434023 (42 CR 764)/
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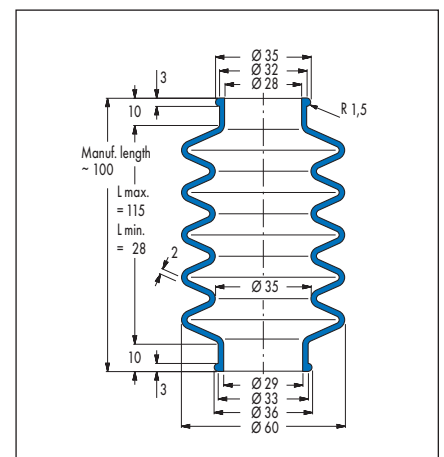
V6-01723, Article No. 438571



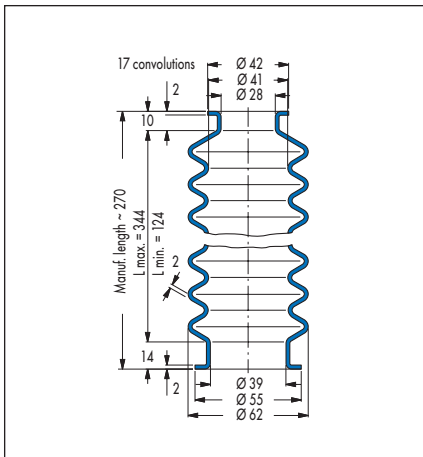
V6-00640, Article No. 427268



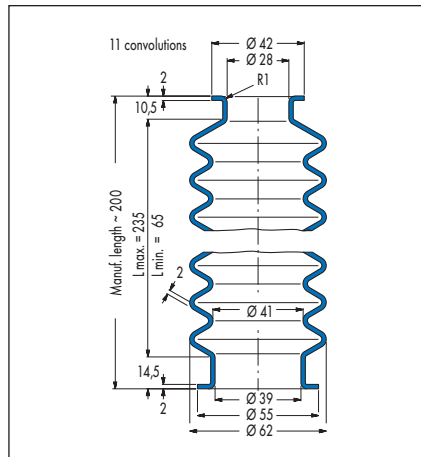
V6-00296, Article No. 426795



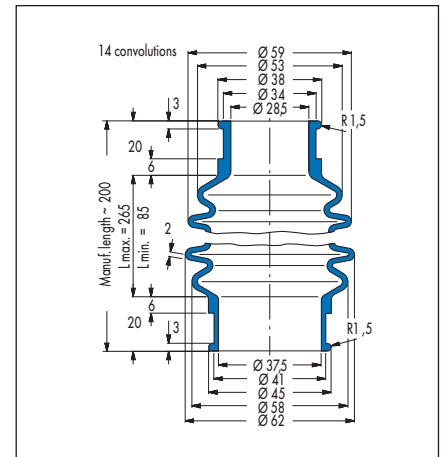
V6-00594, Article No. 429662



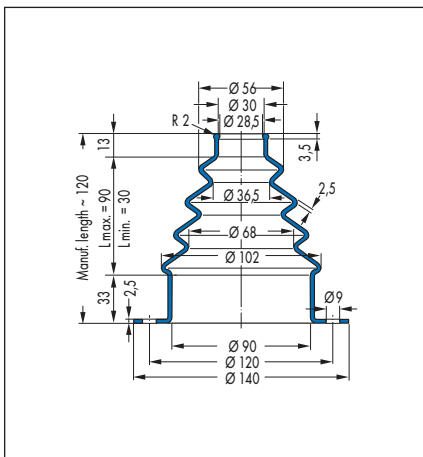
V6-00201, Article No. 454462



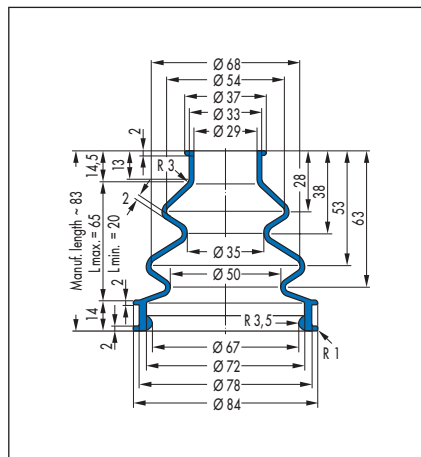
V6-00755, Article No. 451312



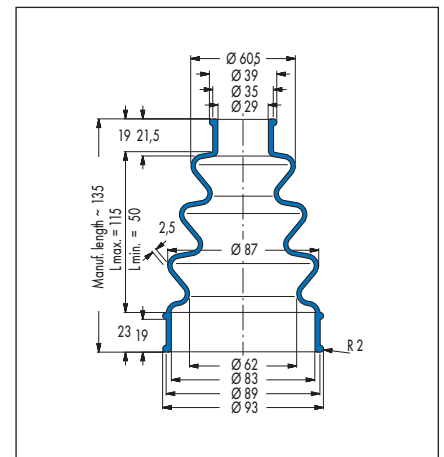
V6-00325, Article No. 426794



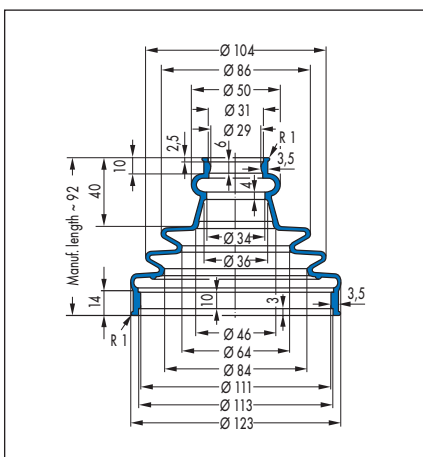
V6-00475, Article No. 400708



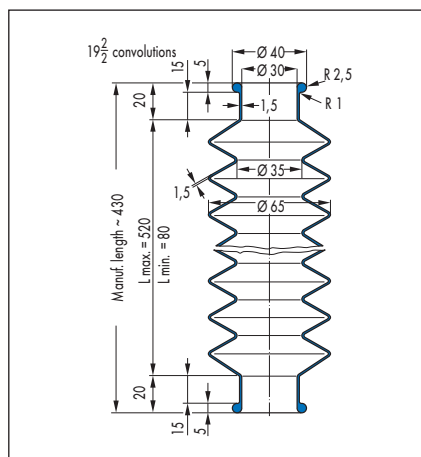
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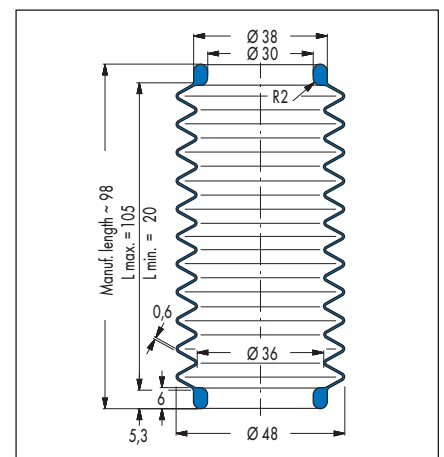
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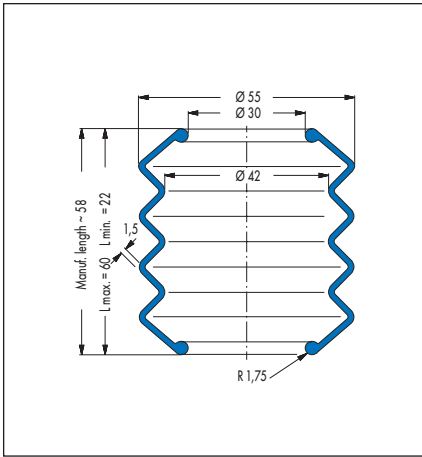
V6-01754, Article No. 451337



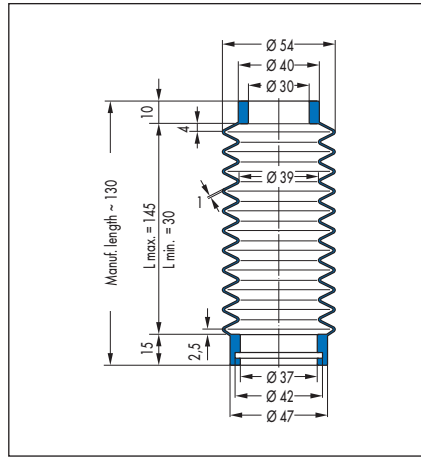
V6-00589, Article No. 15267



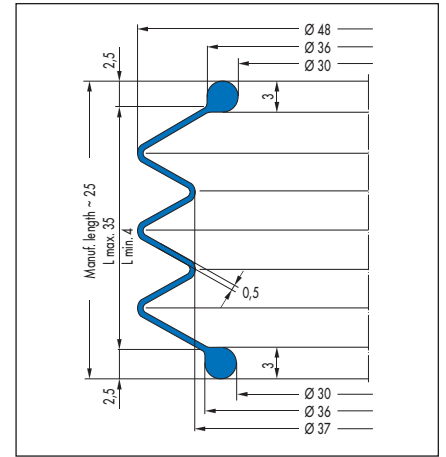
V6-00904, Article No. 375419



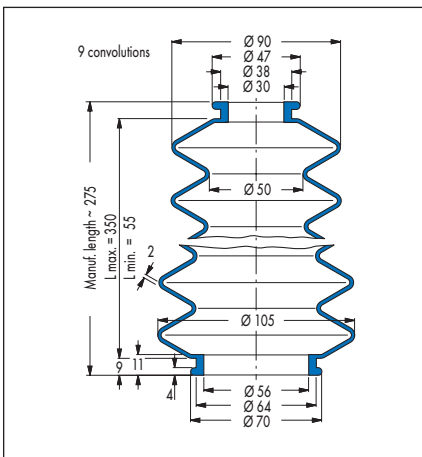
V6-00422, Article No. 428310



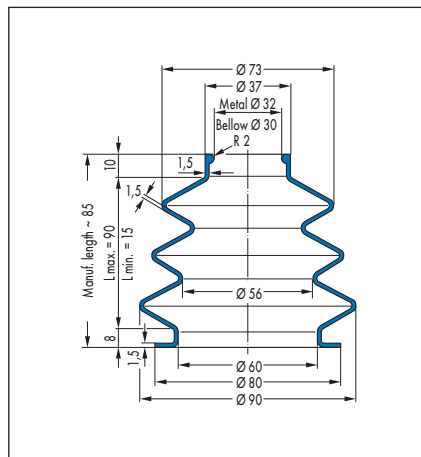
V6-00824, Article No. 368141



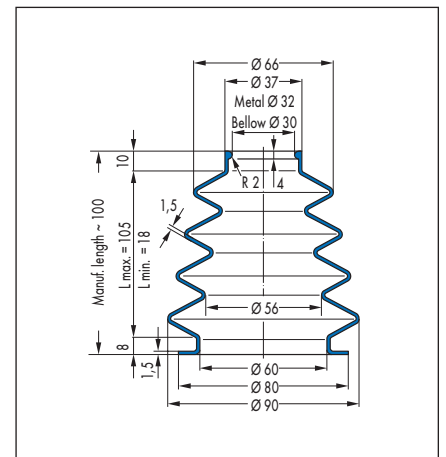
V6-00720, Article No. 400804



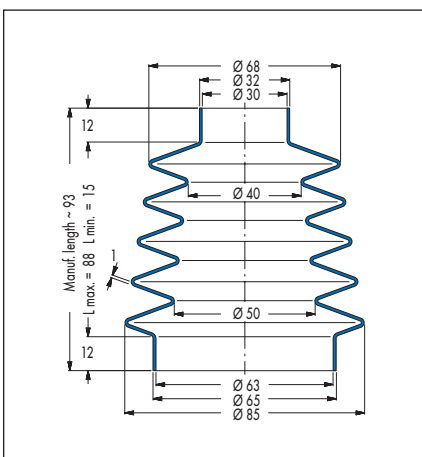
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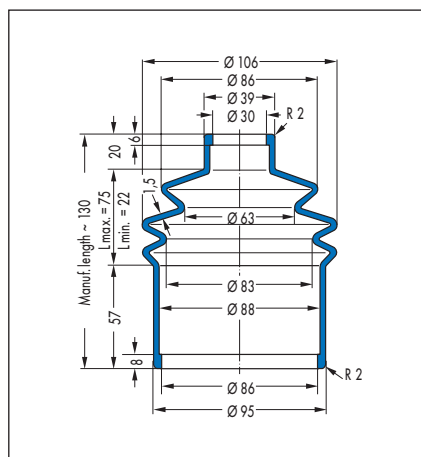
V6-00805, Article No. 365839



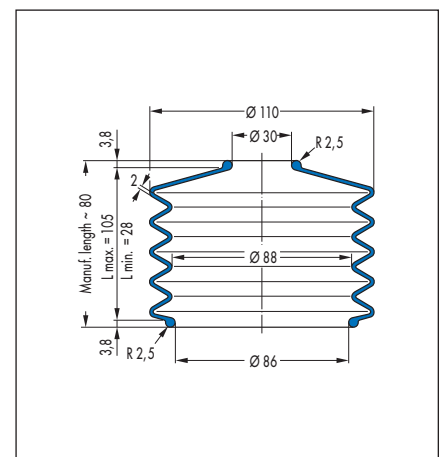
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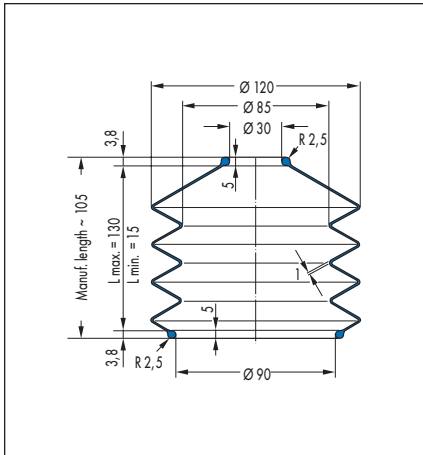
V6-01329, Article No. 60305



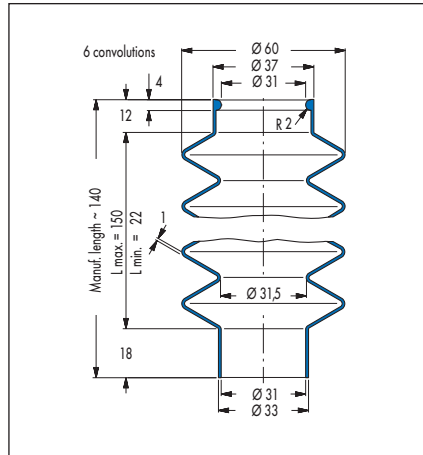
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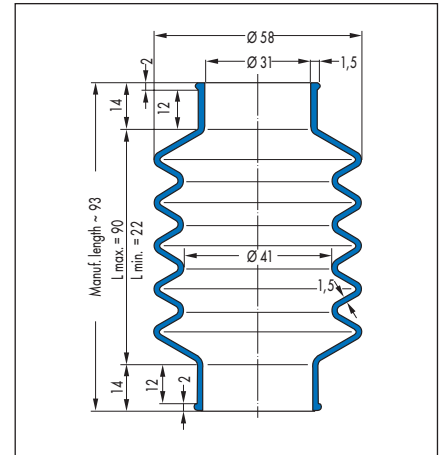
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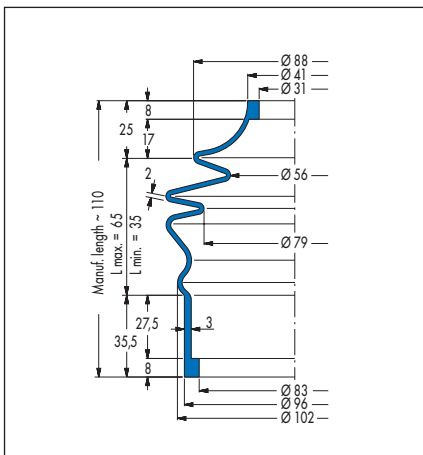
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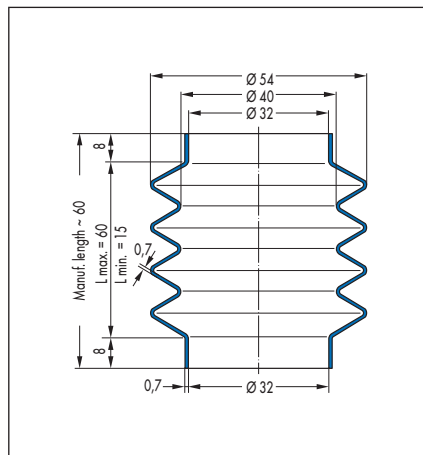
V6-00603, Article No. 438548



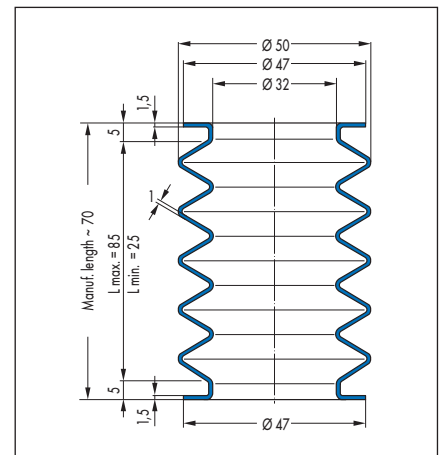
V6-00448, Article No. 122870 (50 CR 879)/
49046170 (60 CR 176307)



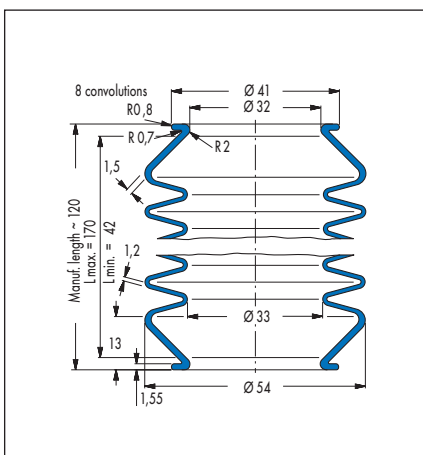
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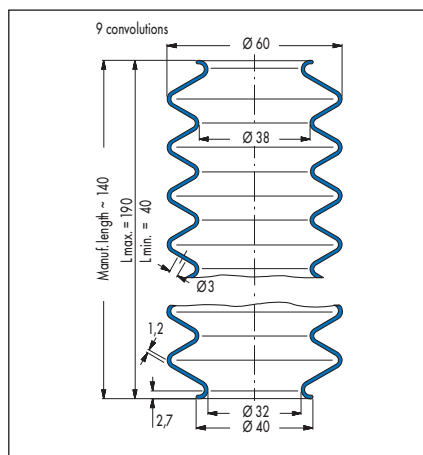
V6-01236, Article No. 436913



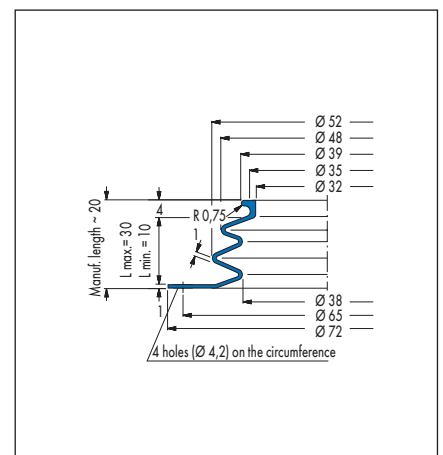
V6-00965, Article No. 453784



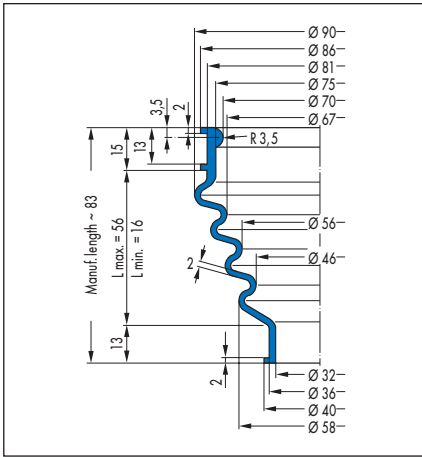
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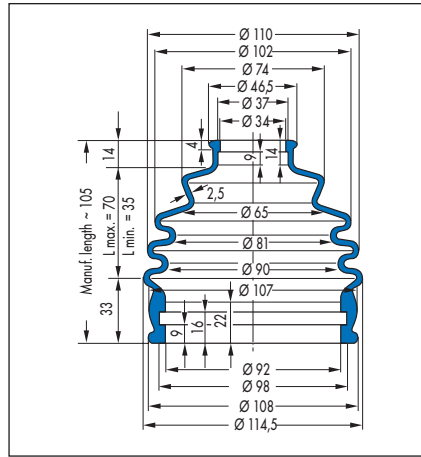
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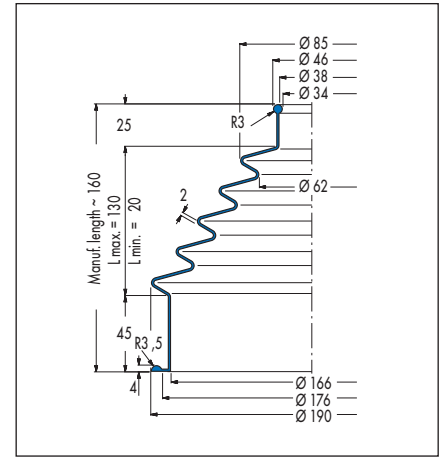
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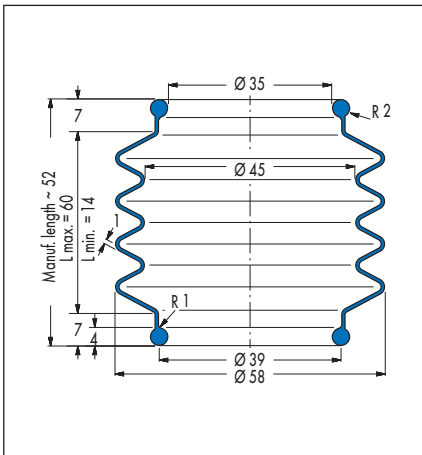
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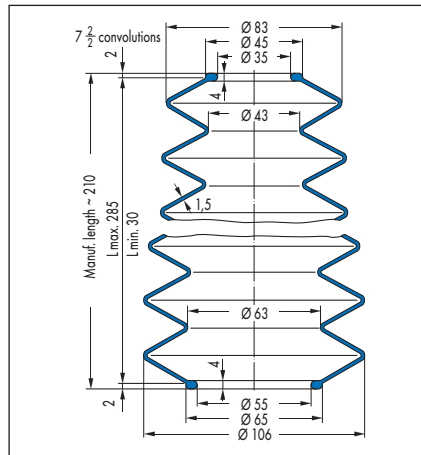
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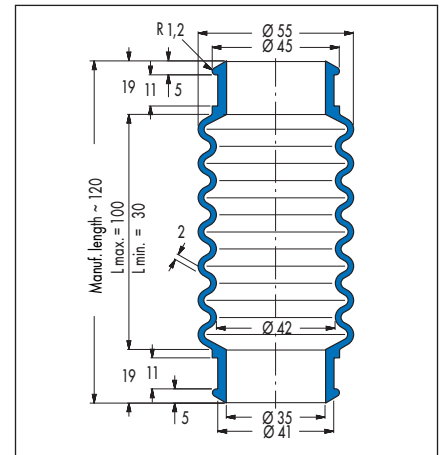
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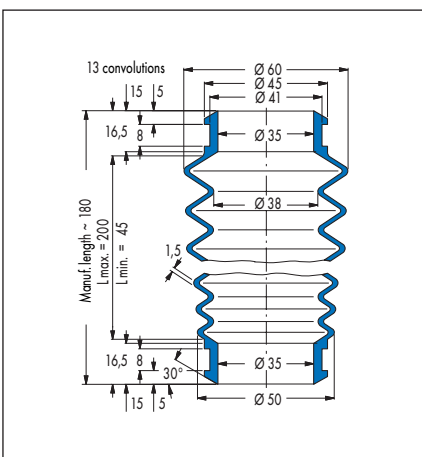
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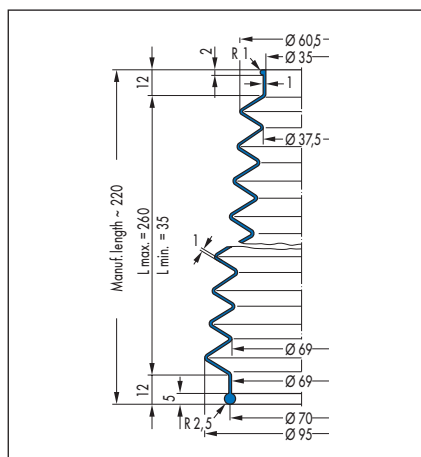
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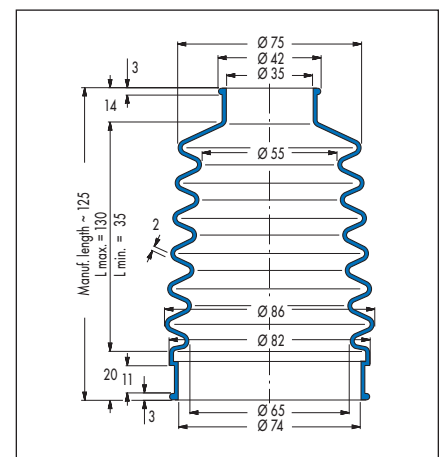
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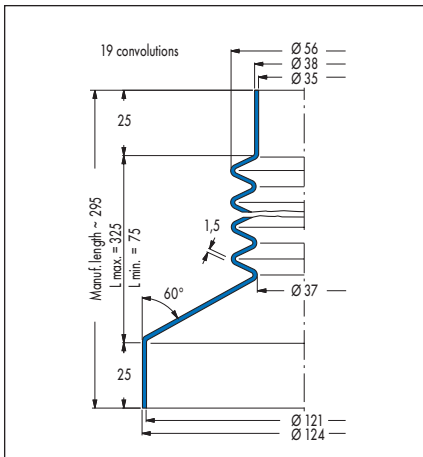
V6-00266, Article No. 429647



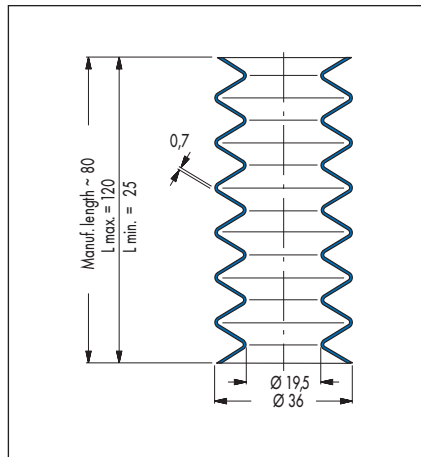
V6-01080, Article No. 457509



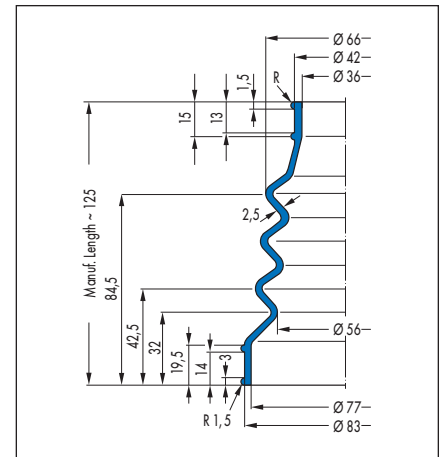
V6-00654, Article No. 434029



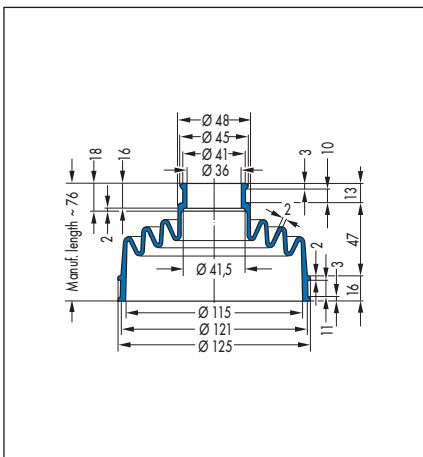
V6-00117, Article No. 29288



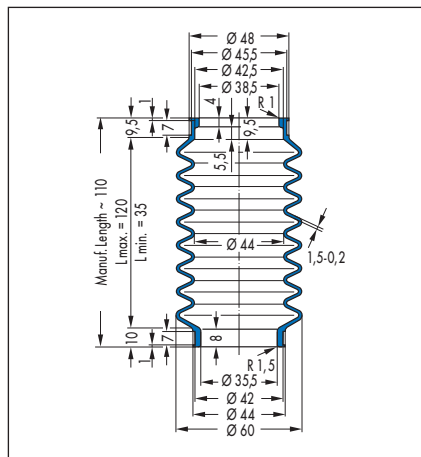
V6-00053, Article No. 435517



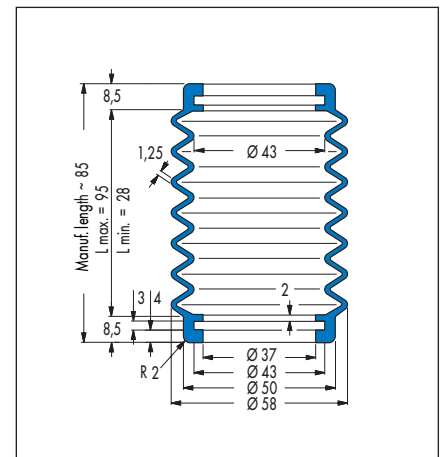
V6-01449, Article No. 152544



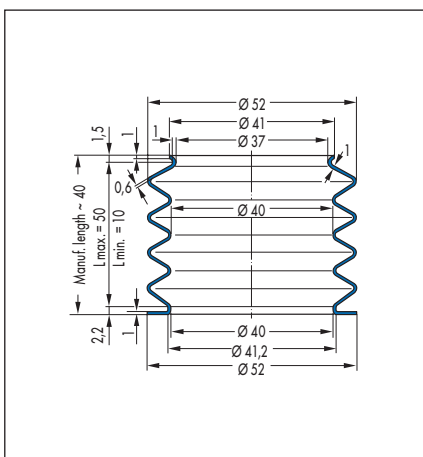
V6-00419, Article No. 507686



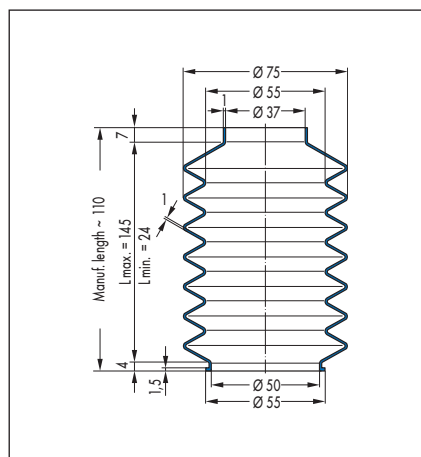
V6-00204, Article No. 439168



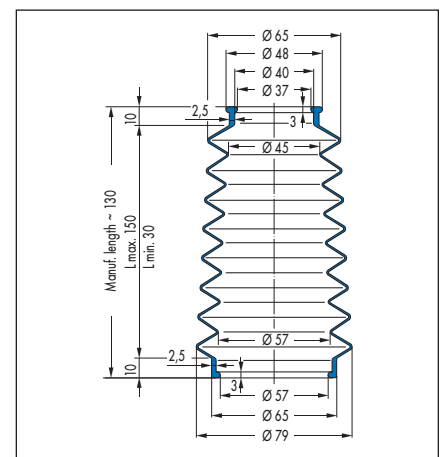
V6-00308, Article No. 427265



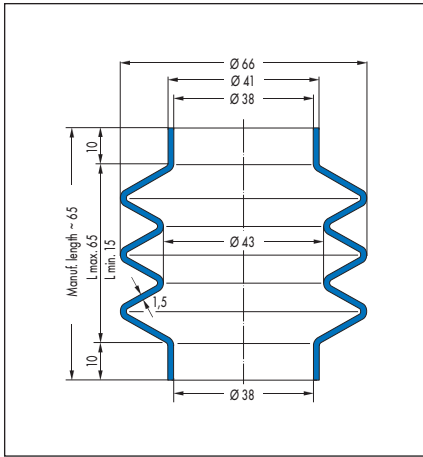
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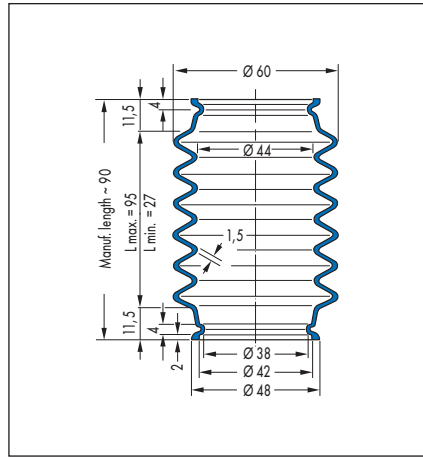
V6-00790, Article No. 29965



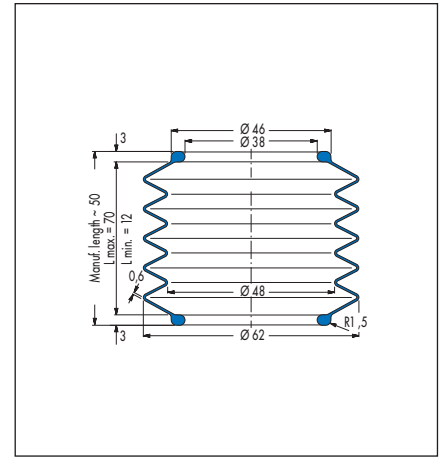
V6-00823, Article No. 400862



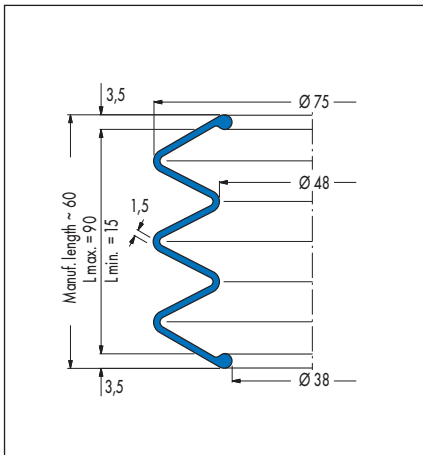
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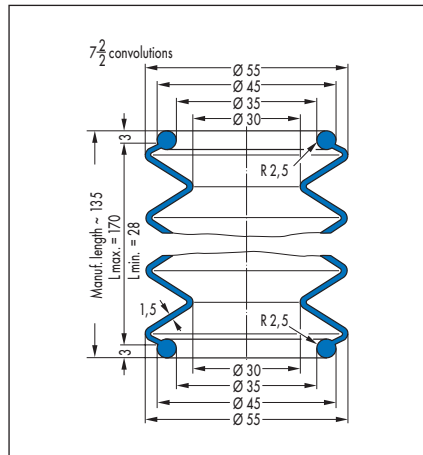
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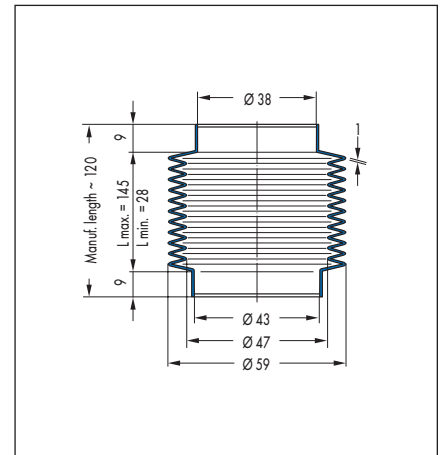
V6-00662, Article No. 434077



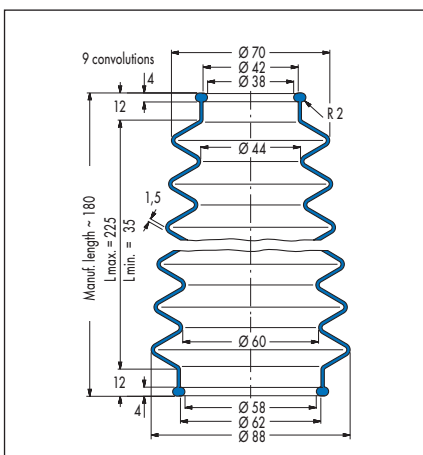
V6-00429, Article No. 431588



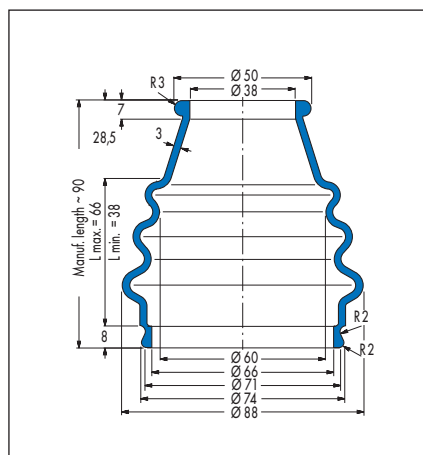
V6-00297, Article No. 501137



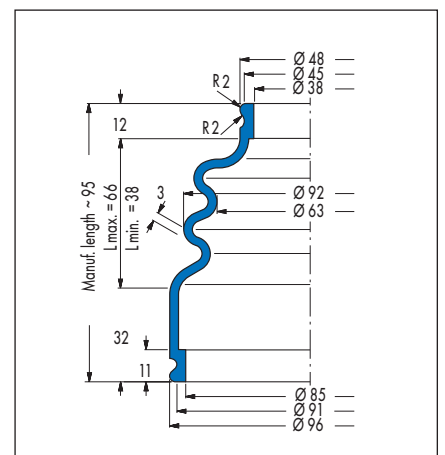
V6-00230, Article No. 439434



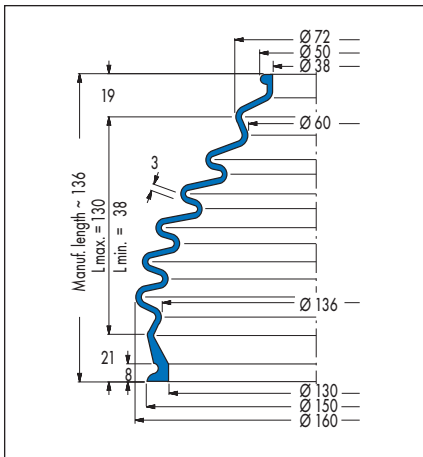
V6-00619, Article No. 431955



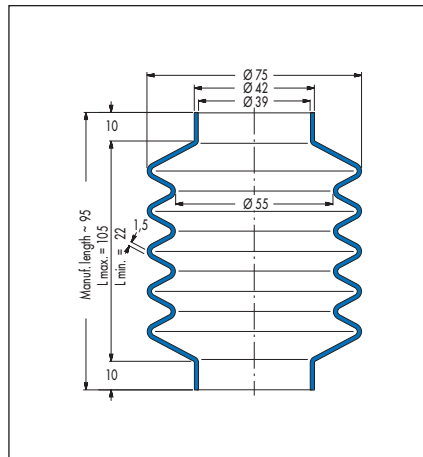
V6-00190, Article No. 438014



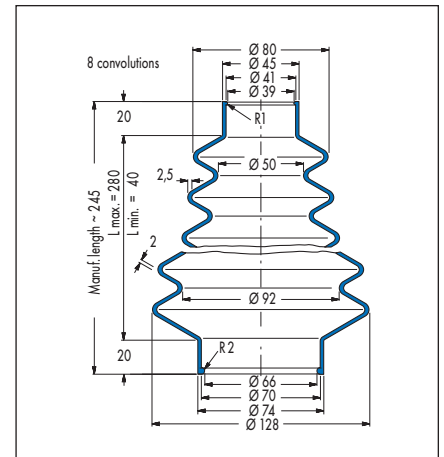
V6-00191, Article No. 428311



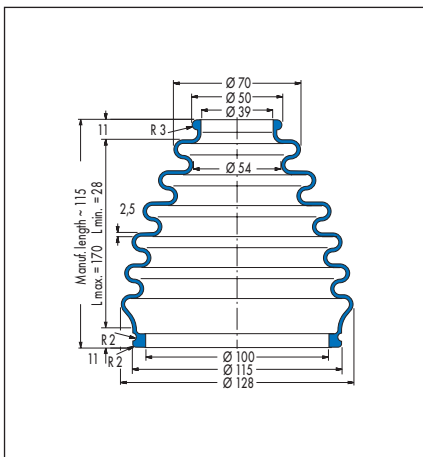
V6-00199, Article No. 438027



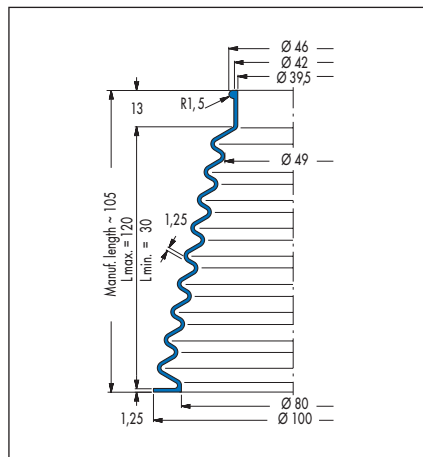
V6-00321, Article No. 429648



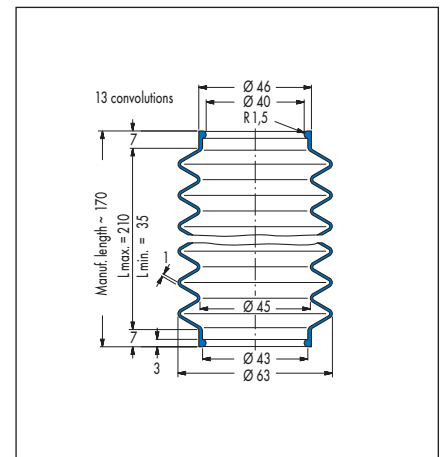
V6-00556, Article No. 29735



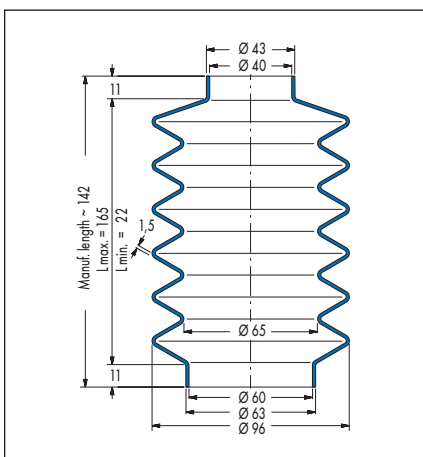
V6-00060, Article No. 428322



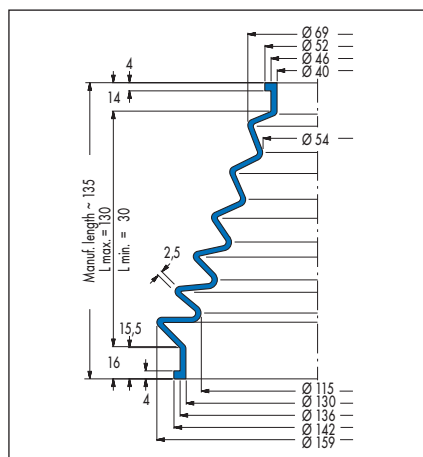
V6-00188, Article No. 432643



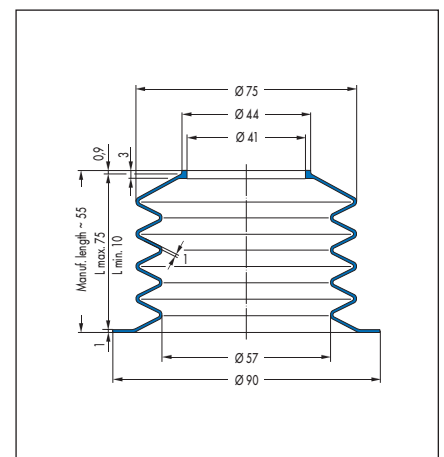
V6-00801, Article No. 440760 (42 CR 764)/
438557 (50 CR 879)



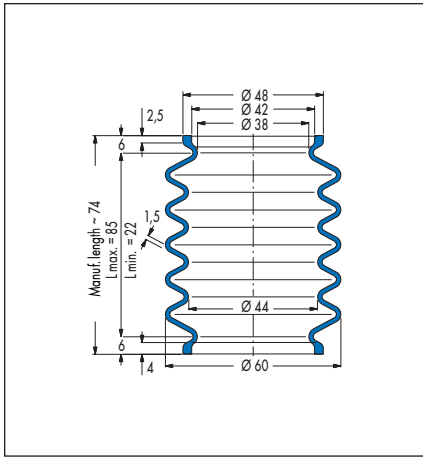
V6-00072, Article No. 434088



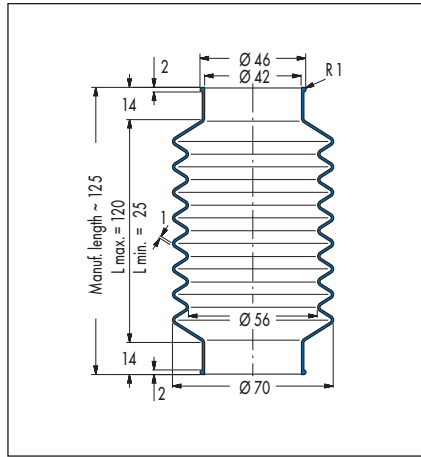
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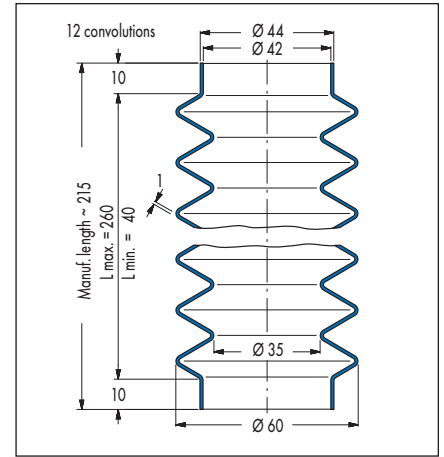
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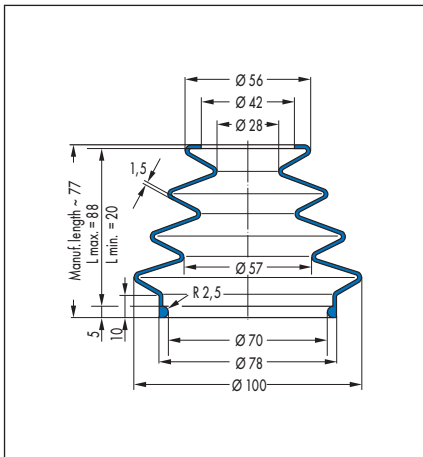
V6-00268, Article No. 432119



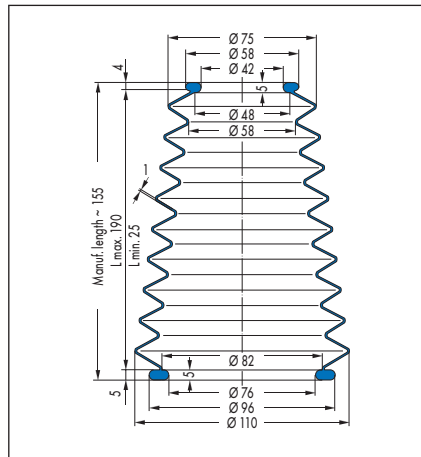
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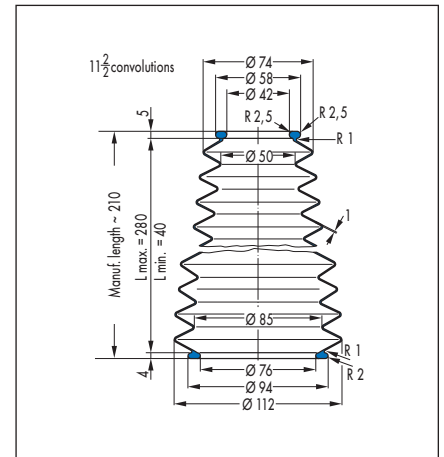
V6-00637, Article No. 438549



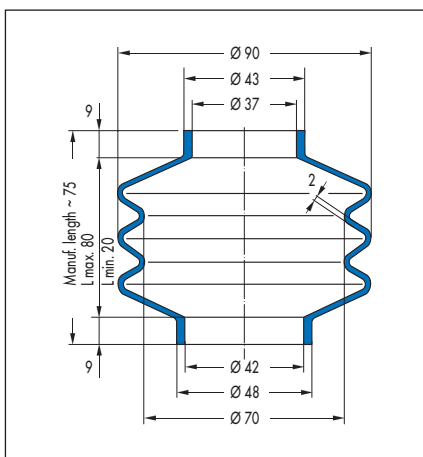
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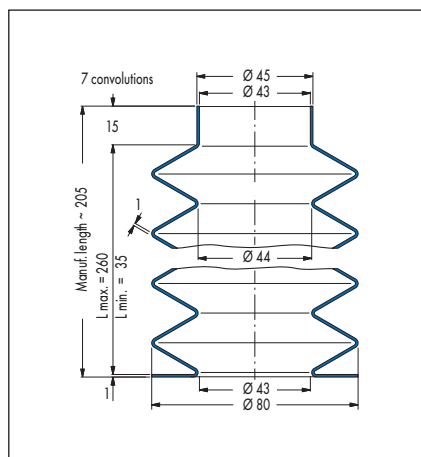
V6-00328, Article No. 432424 (42 CR 764)/
454213 (50 CR 879)



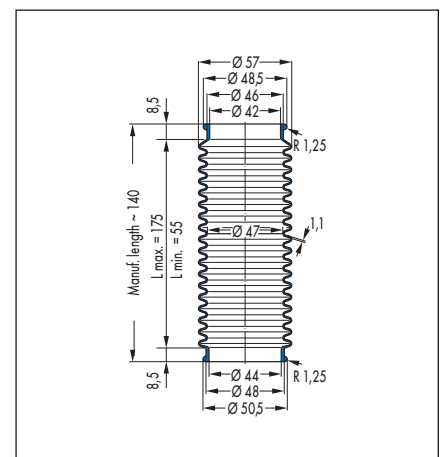
V6-00562, Article No. 29741



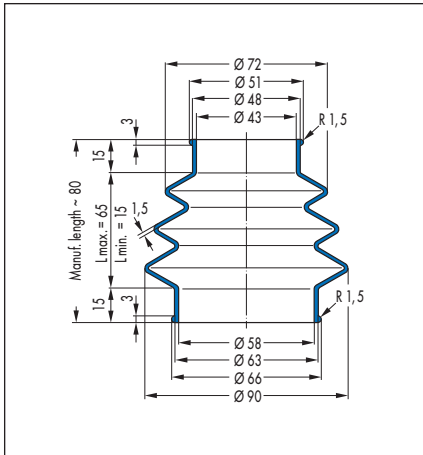
V6-01030, Article No. 400918



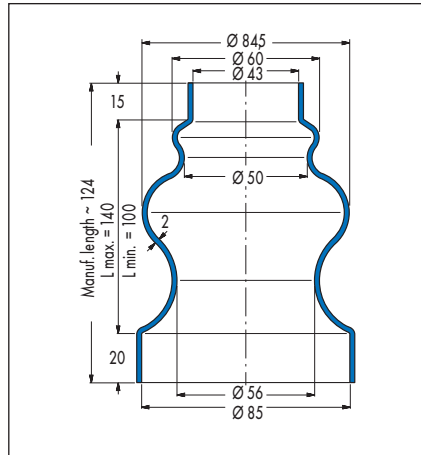
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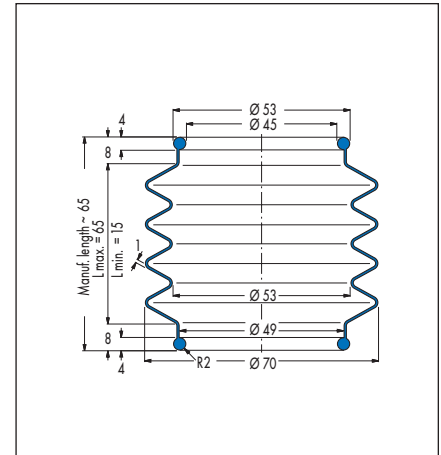
V6-00449, Article No. 456484



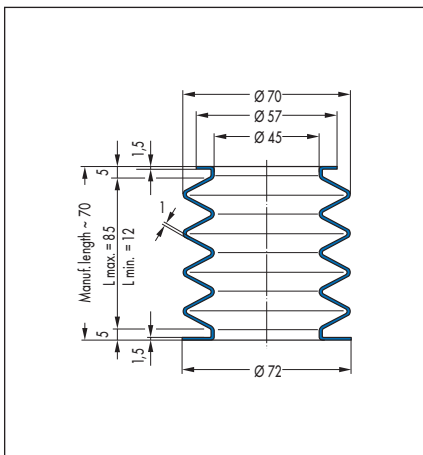
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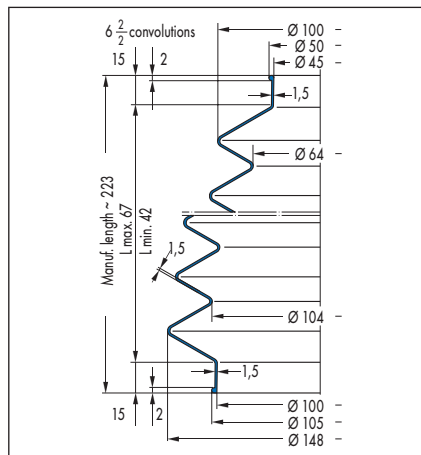
V6-00012, Article No. 426317 (42 CR 764)/
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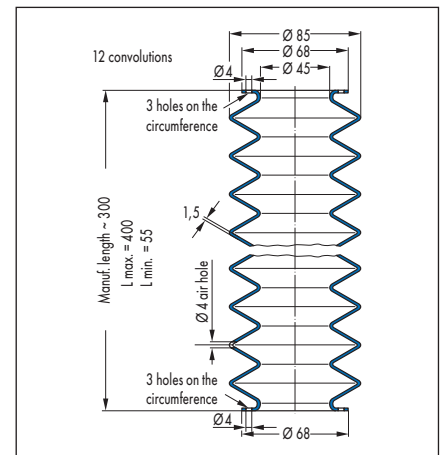
V6-00784, Article No. 432192



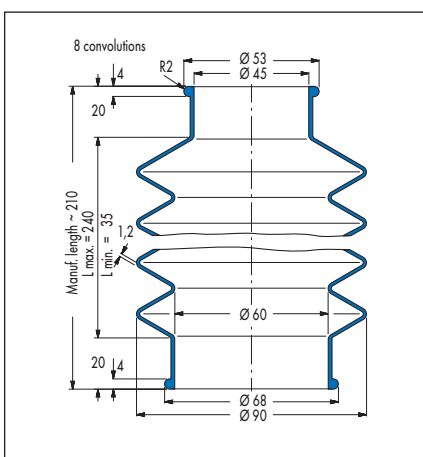
V6-00967, Article No. 89513



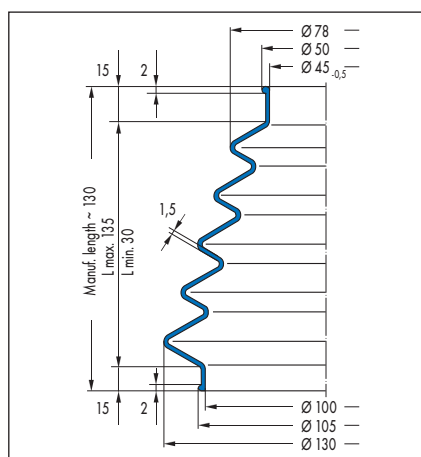
V6-01046, Article No. 400920



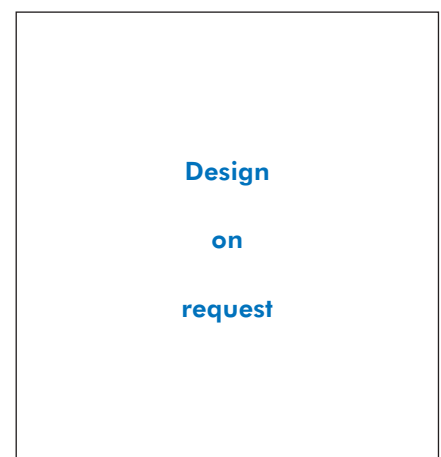
V6-01075, Article No. 400934



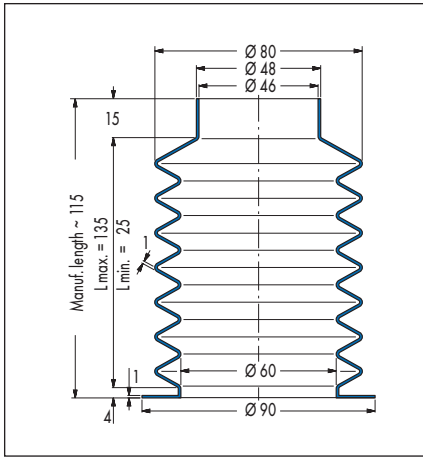
V6-00593, Article No. 439497 (42 CR 764)/
439499 (50 CR 879)



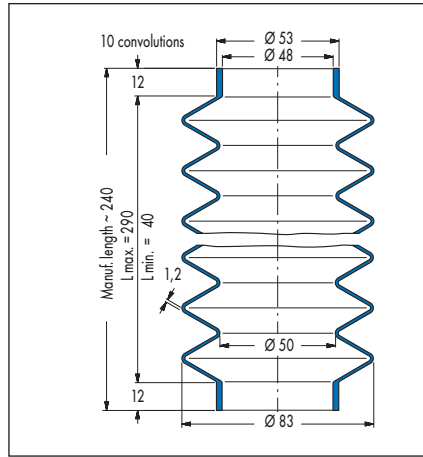
V6-01047, Article No. 454226



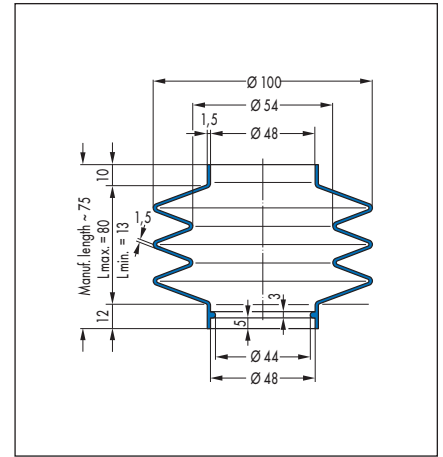
V6-00507, Article No. 452565



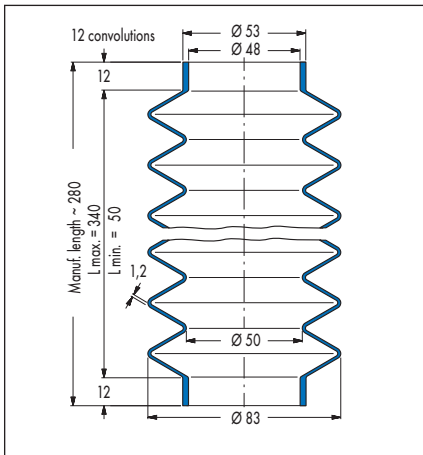
V6-00466, Article No. 430847



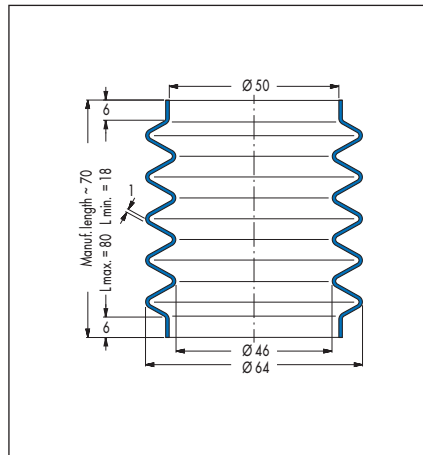
V6-01022, Article No. 432696



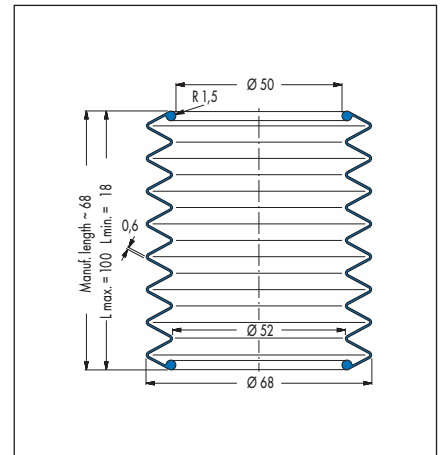
V6-01136, Article No. 425266



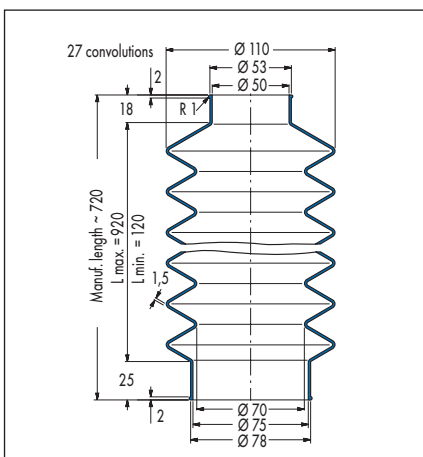
V6-01165, Article No. 454248



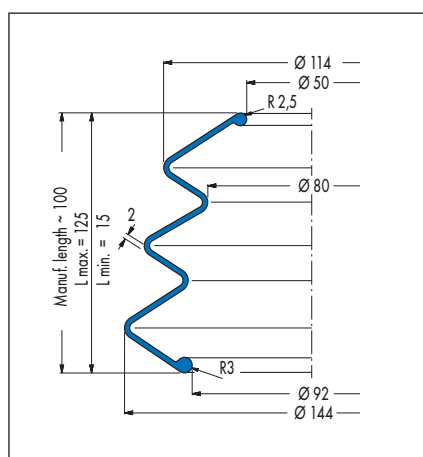
V6-00541, Article No. 25105



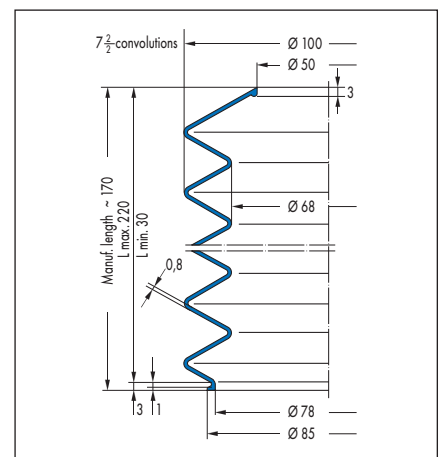
V6-00742, Article No. 426388



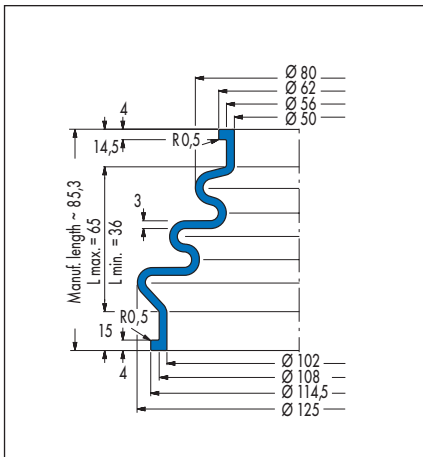
V6-00723, Article No. 29915



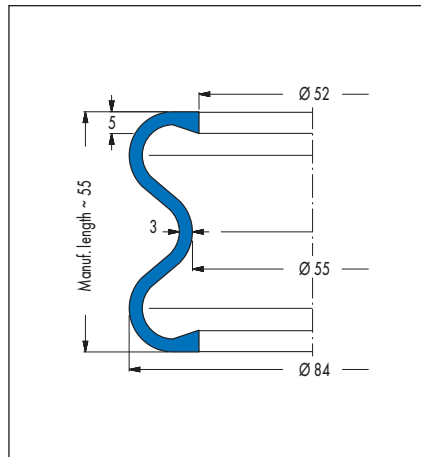
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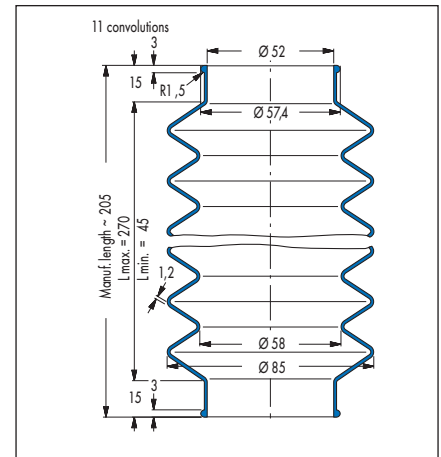
V6-01029, Article No. 20231



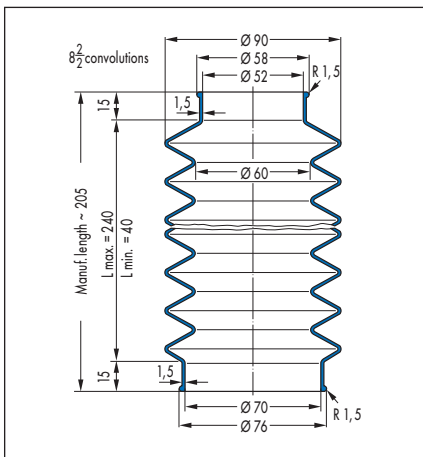
V6-00091, Article No. 456482



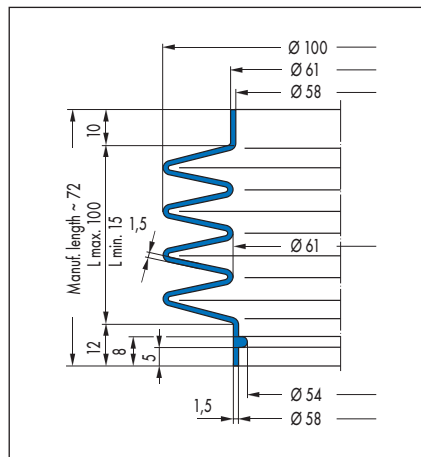
V6-00291, Article No. 440381



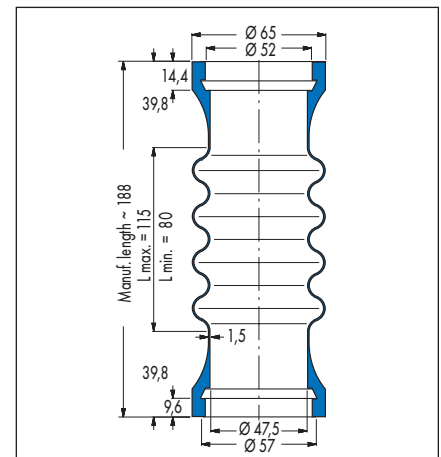
V6-00987, Article No. 440233 (42 CR 764)/
440232 (50 CR 879)



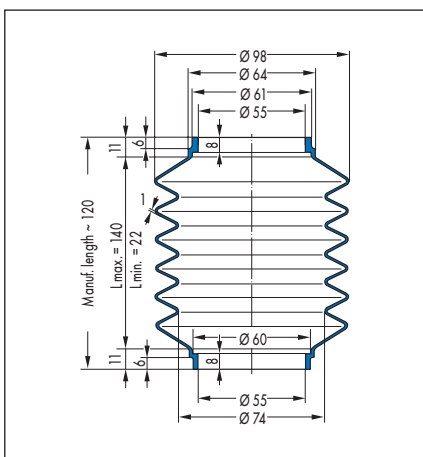
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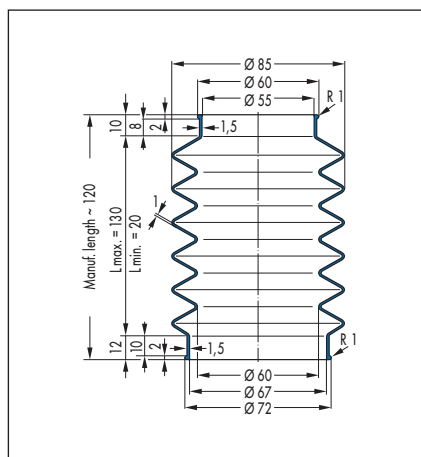
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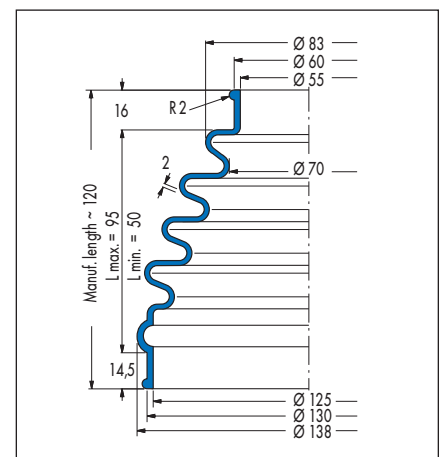
V6-00226, Article No. 439437



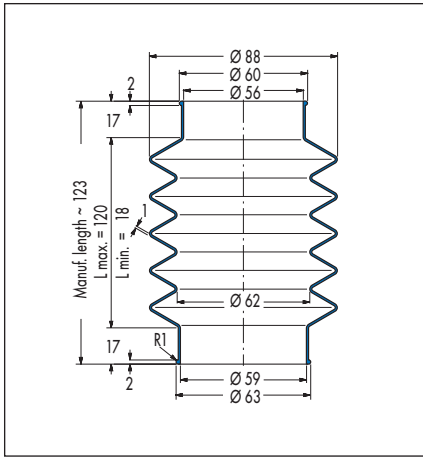
V6-00577, Article No. 439496



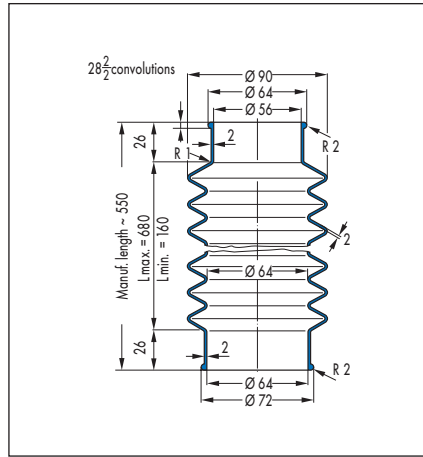
V6-00740, Article No. 430860



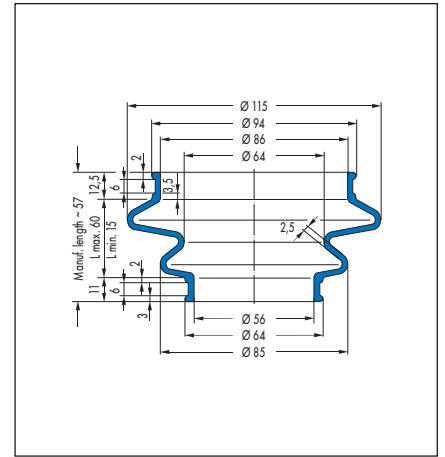
V6-00205, Article No. 440285



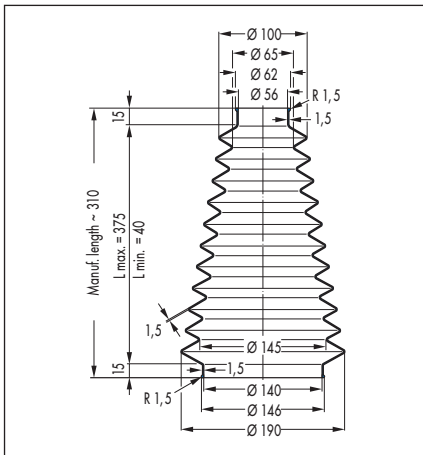
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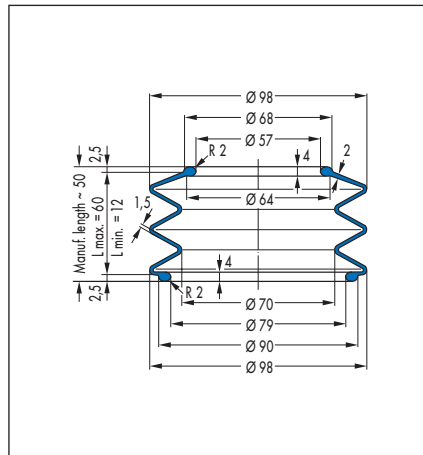
V6-00519, Article No. 29705



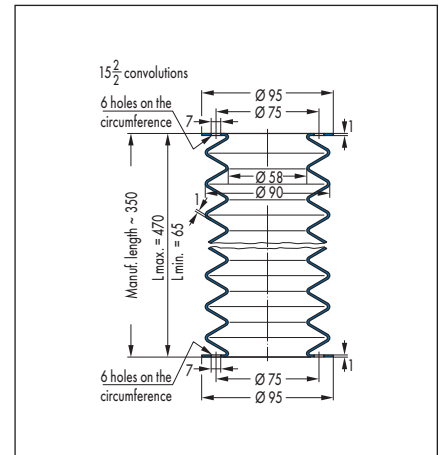
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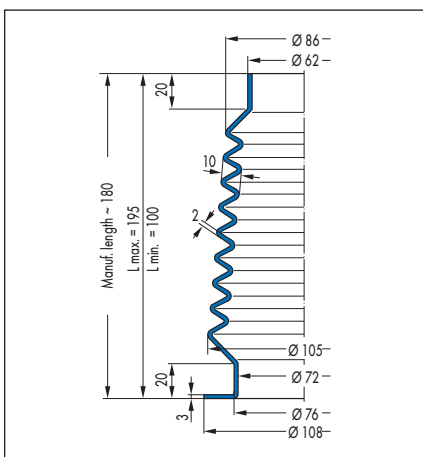
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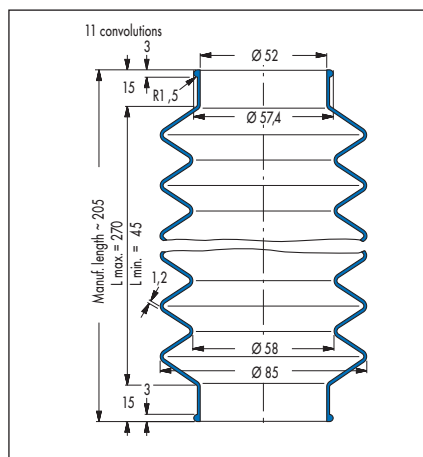
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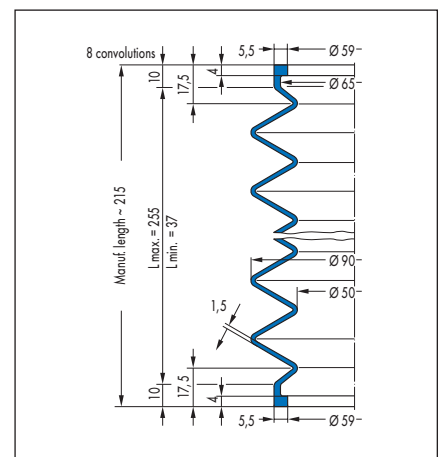
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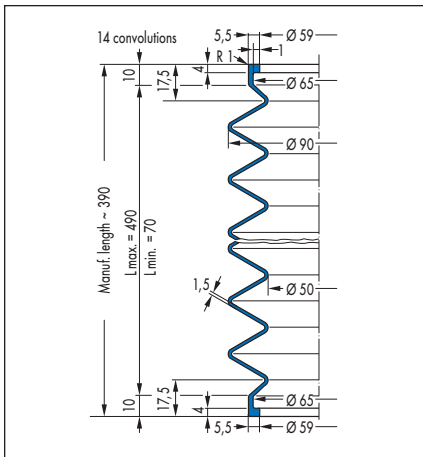
V6-00866, Article No. 454218



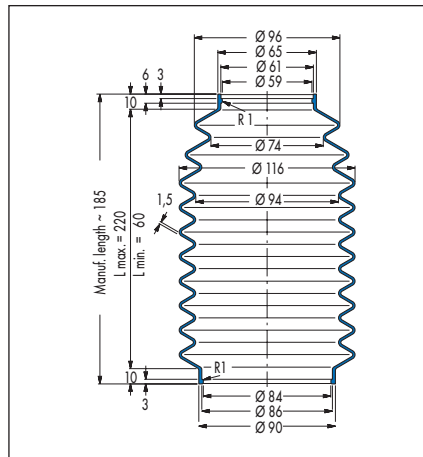
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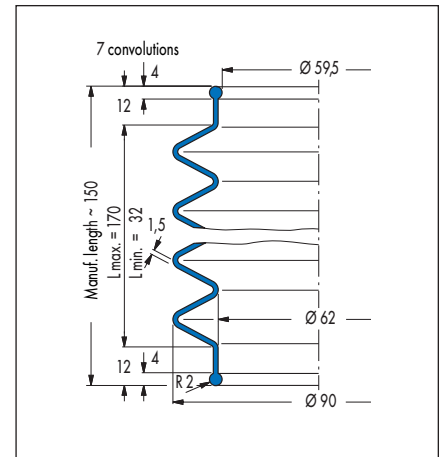
V6-00937, Article No. 60022627



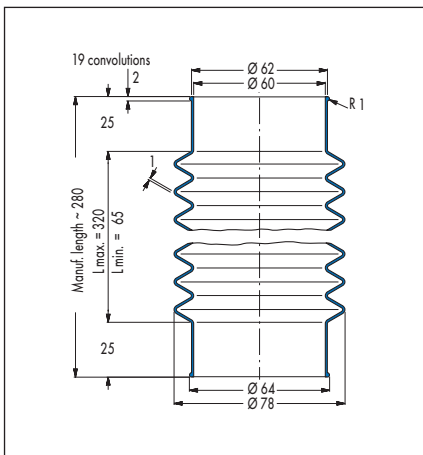
V6-00910, Article No. 103132



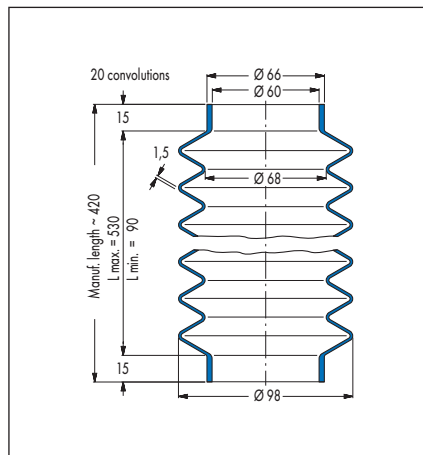
V6-01453, Article No. 454255



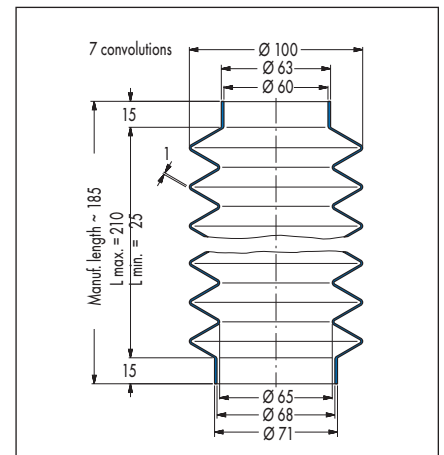
V6-00260, Article No. 434071



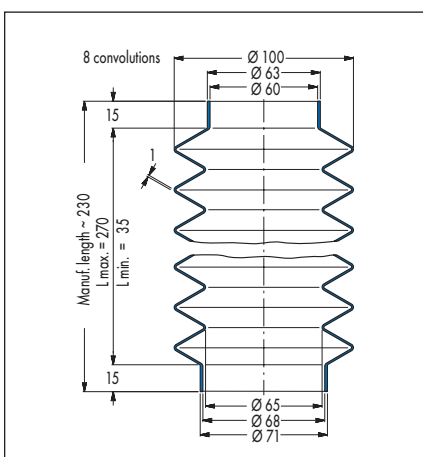
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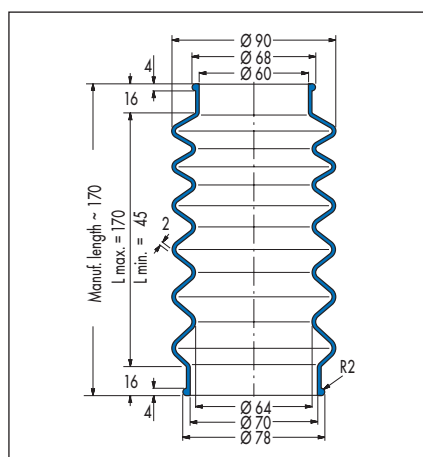
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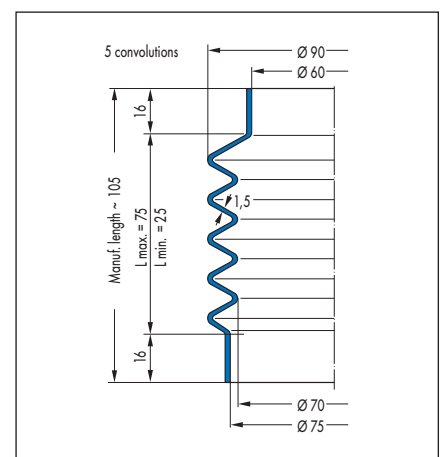
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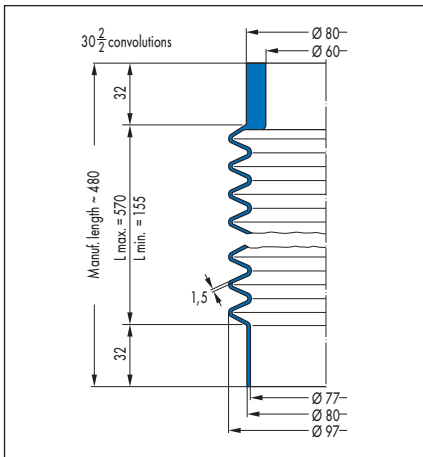
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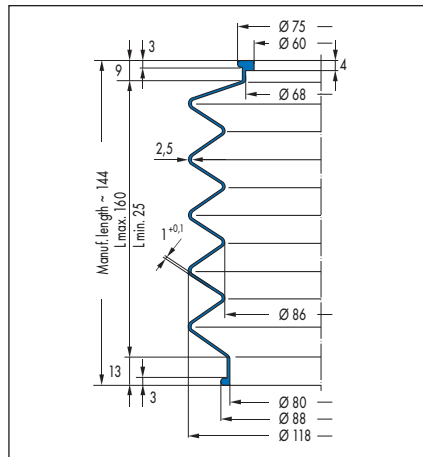
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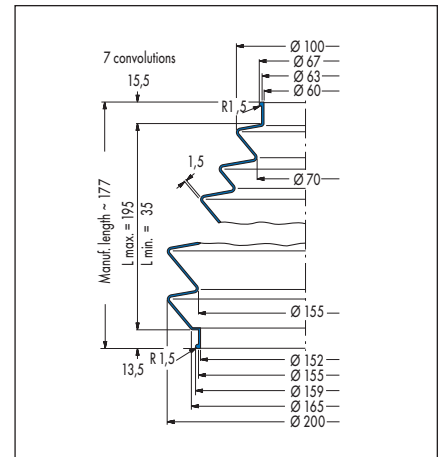
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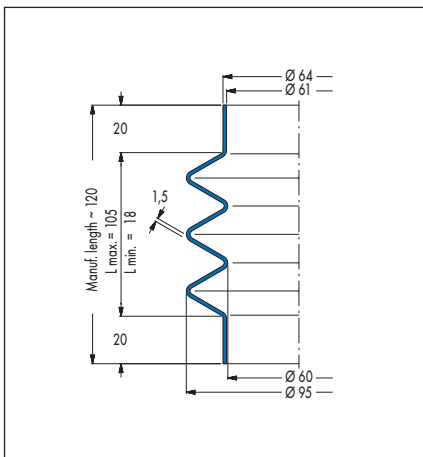
V6-01018, Article No. 454225



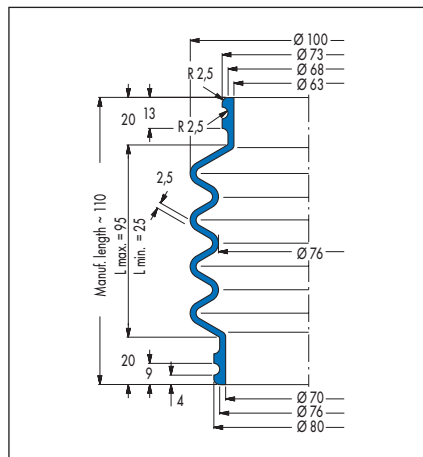
V6-01049, Article No. 454227



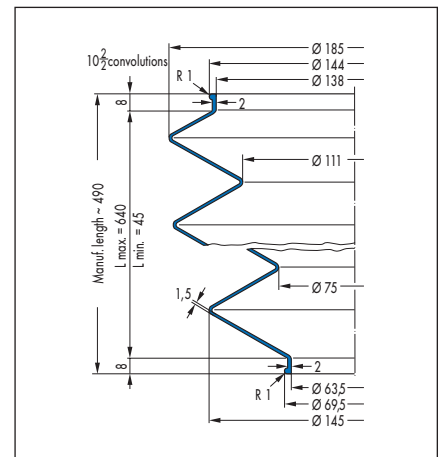
V6-00444, Article No. 29643



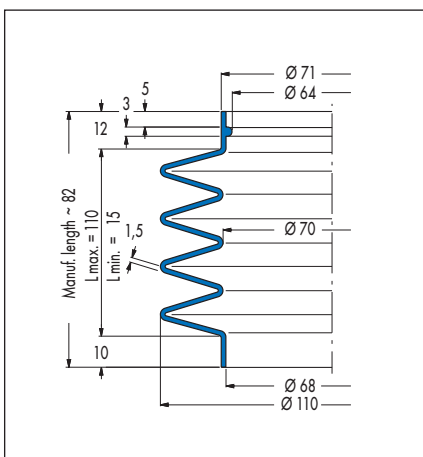
V6-00099, Article No. 434092 (42 CR 764)/
434091 (45 NBR 670)



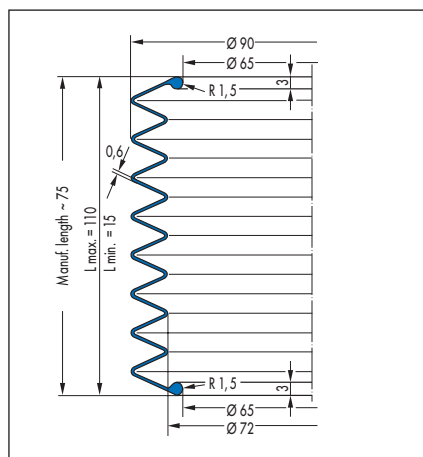
V6-00242, Article No. 439438



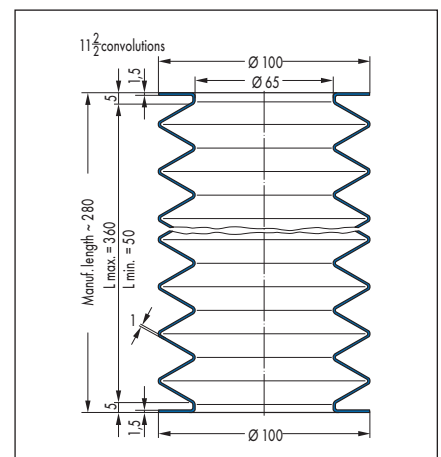
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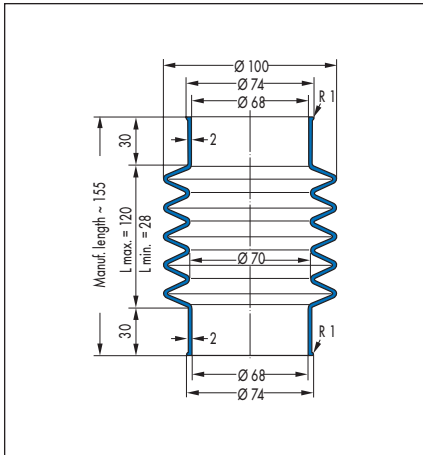
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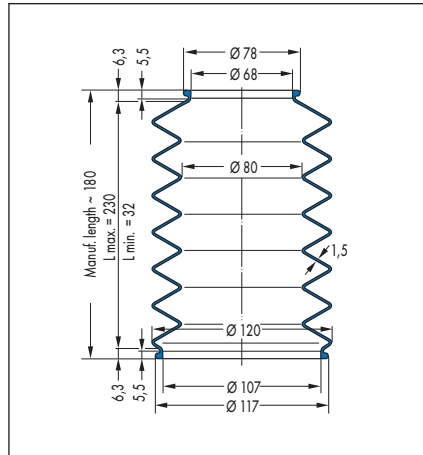
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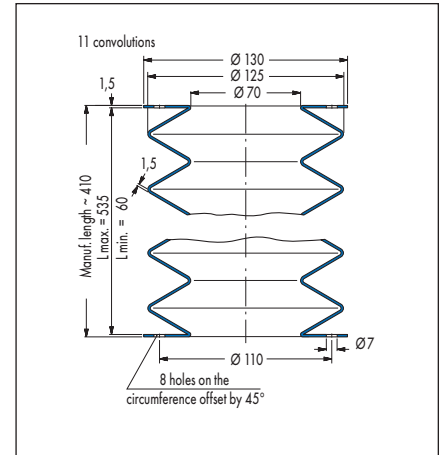
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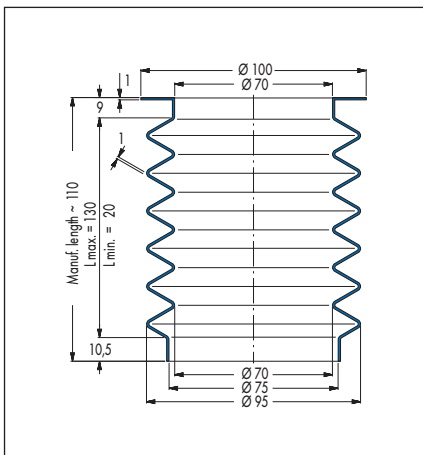
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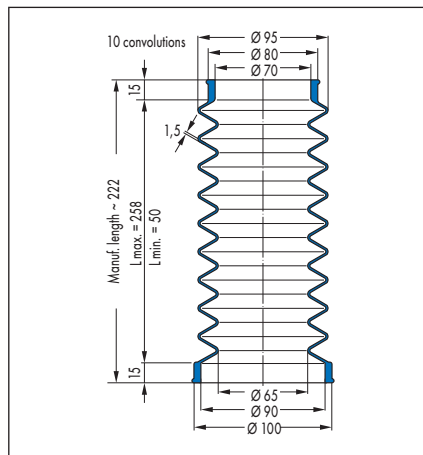
V6-00329, Article No. 428309



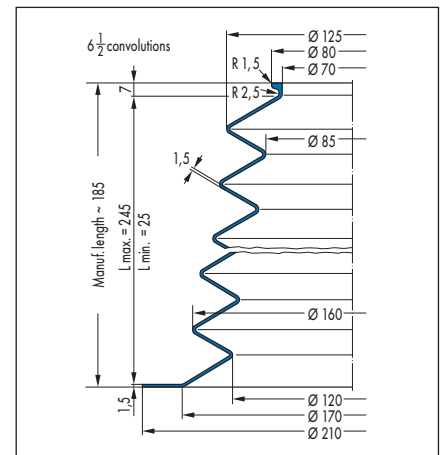
V6-00424, Article No. 29620



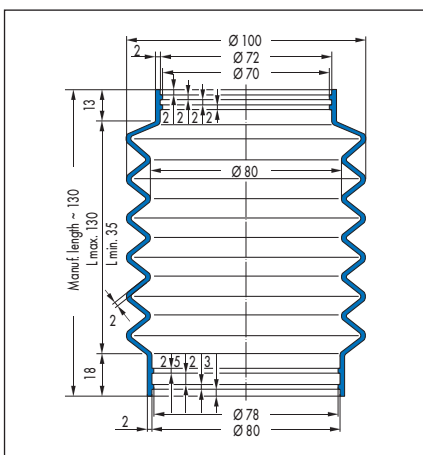
V6-00638, Article No. 29803



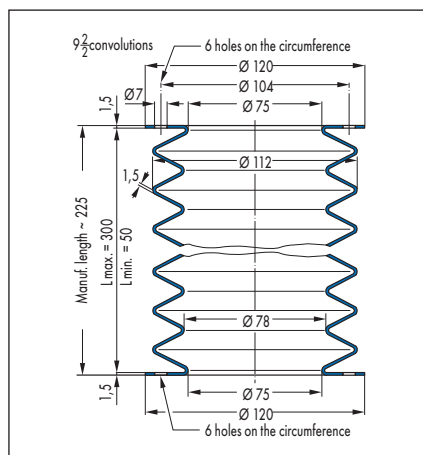
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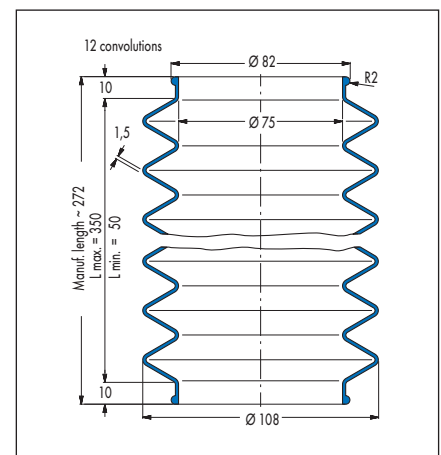
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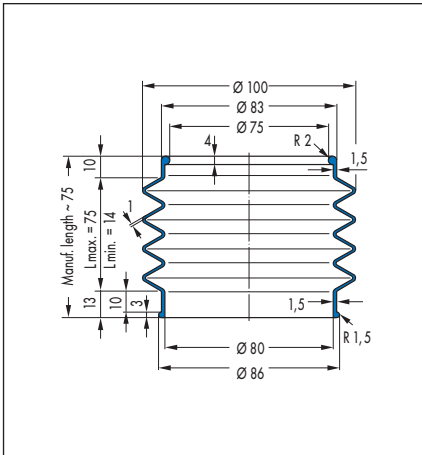
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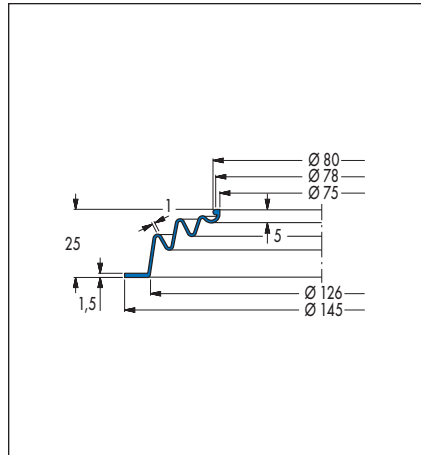
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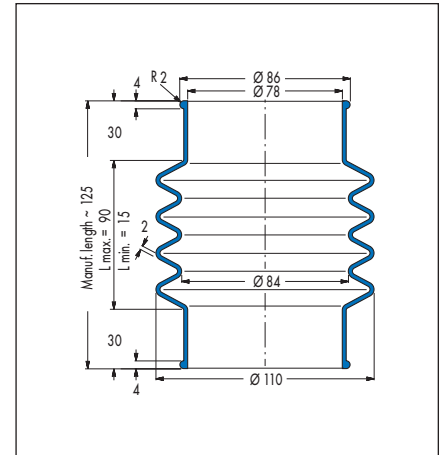
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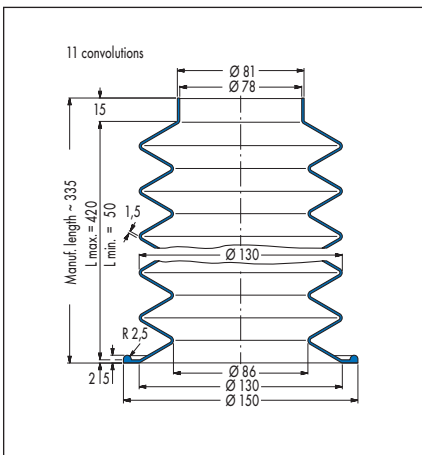
V6-00934, Article No. 382212



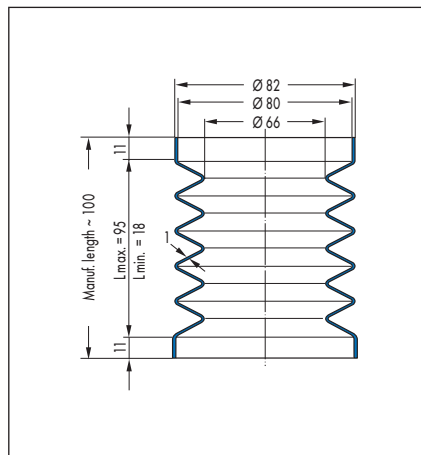
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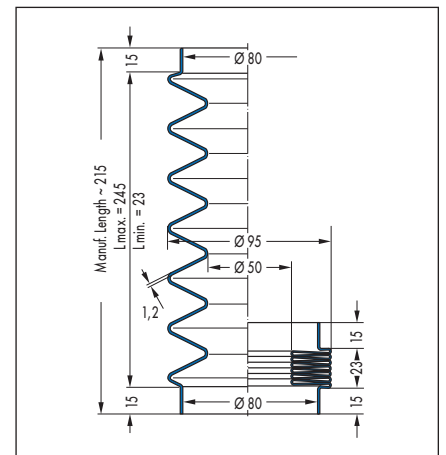
V6-00501, Article No. 438946 (42 CR 764)/
438944 (50 CR 879)



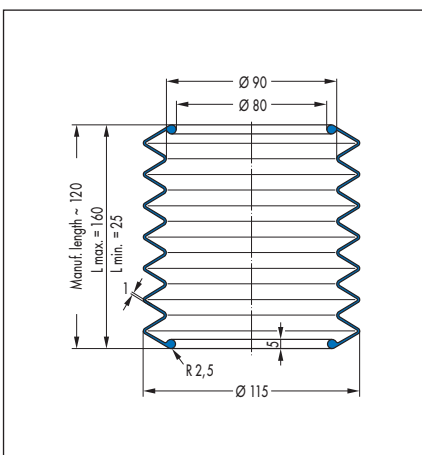
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307731 (50 CR 879)



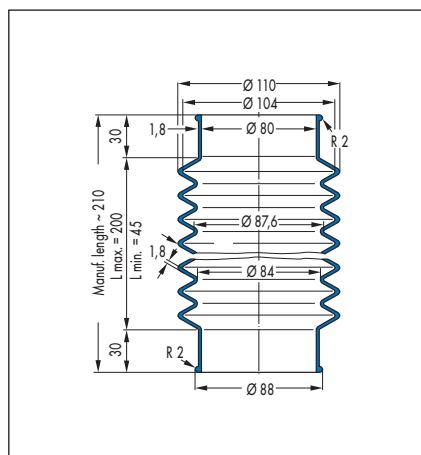
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451747 (50 CR 879)



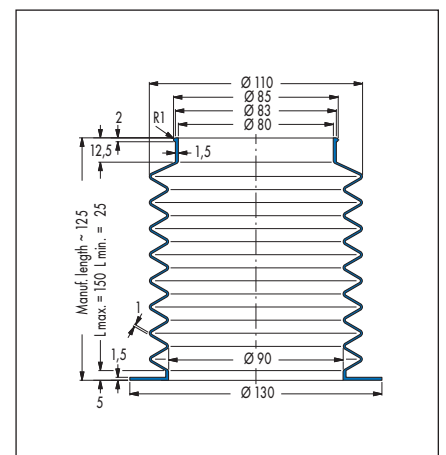
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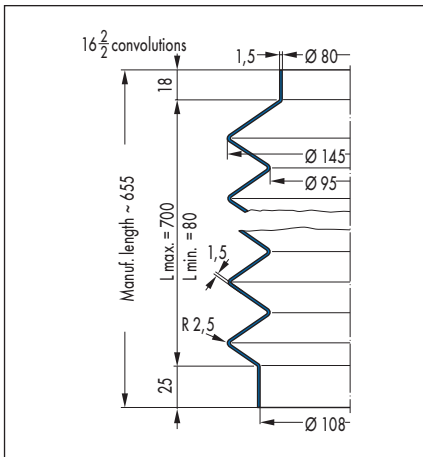
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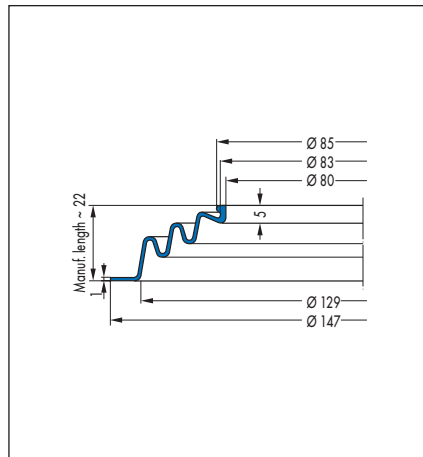
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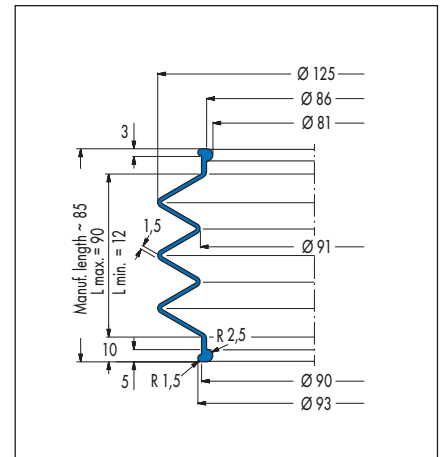
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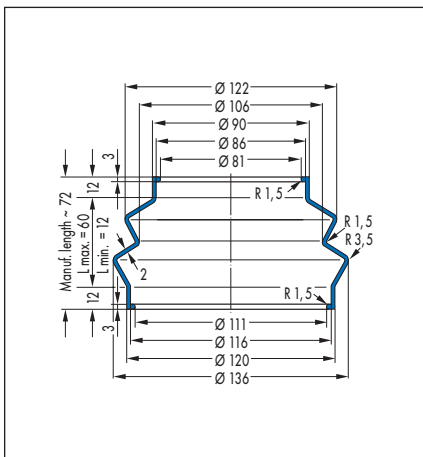
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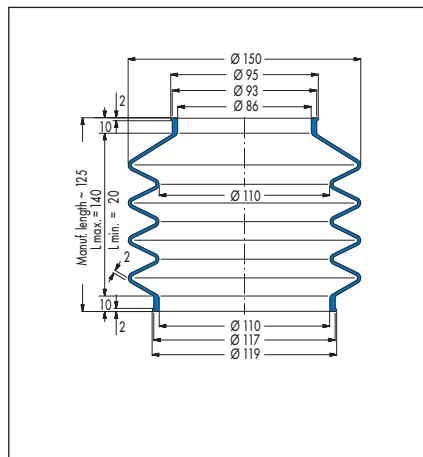
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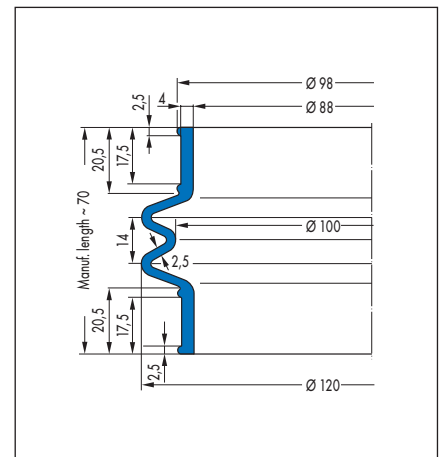
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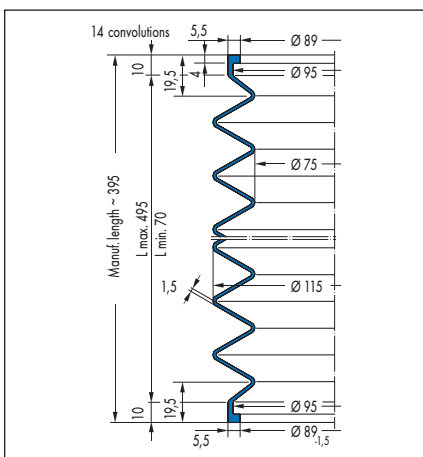
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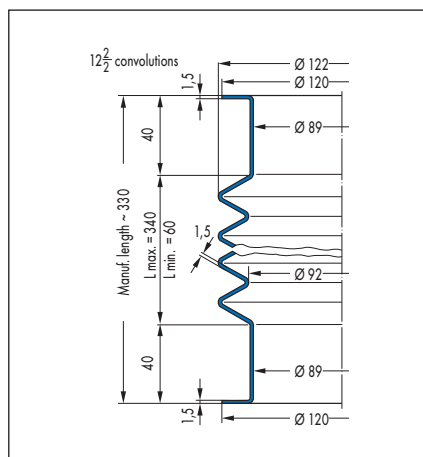
V6-00643, Article No. 29807 (42 CR 764)/
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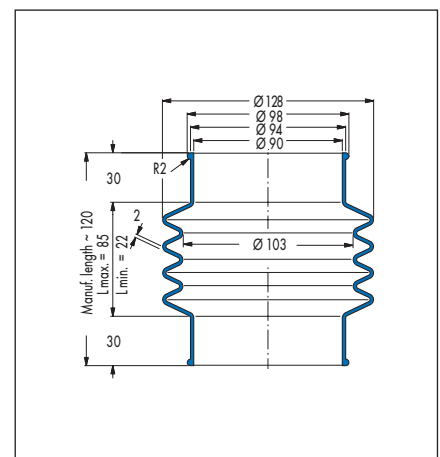
V6-01412, Article No. 104484



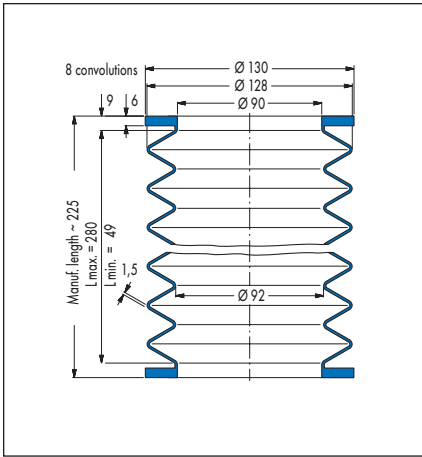
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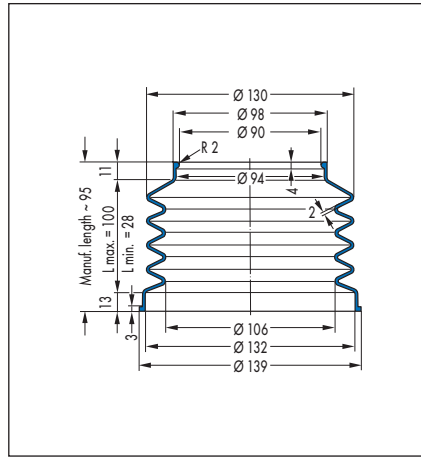
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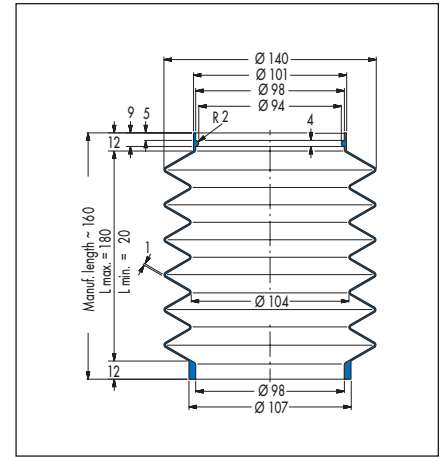
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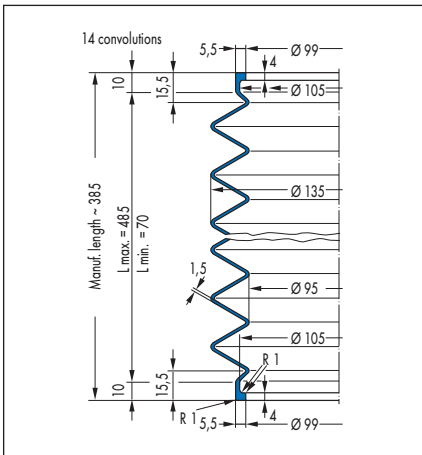
V6-00721, Article No. 29912



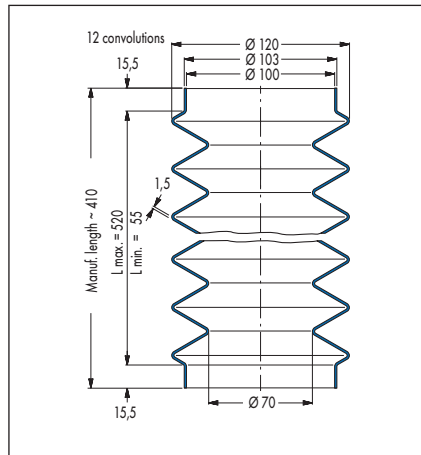
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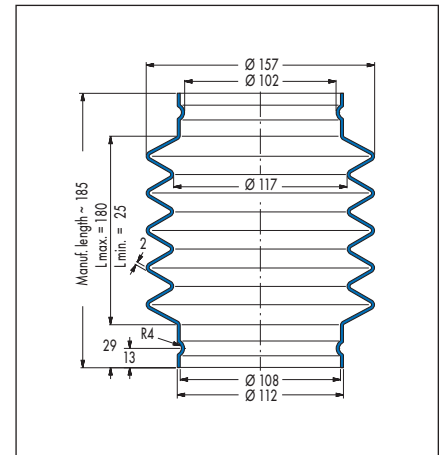
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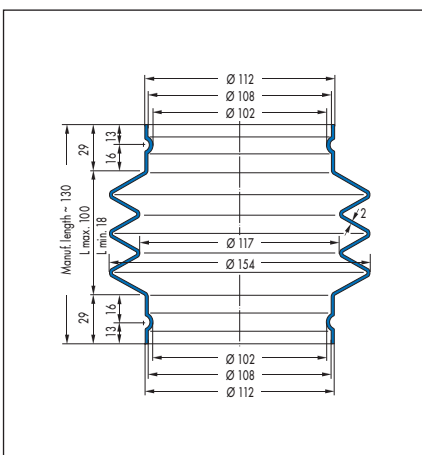
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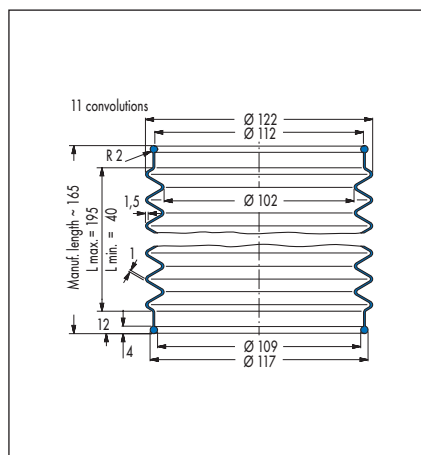
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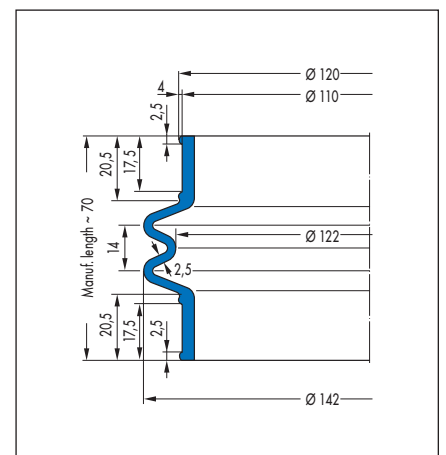
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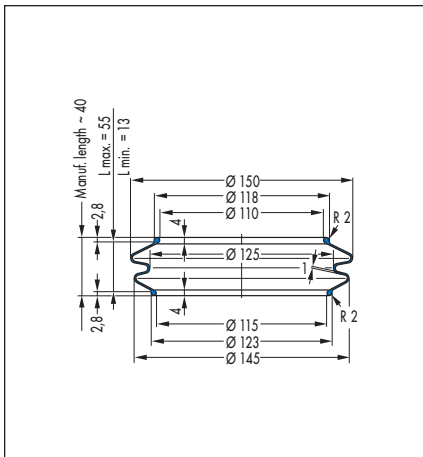
V6-00657, Article No. 400791



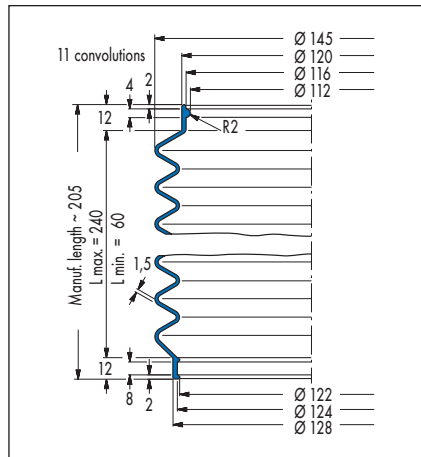
V6-00332, Article No. 454470



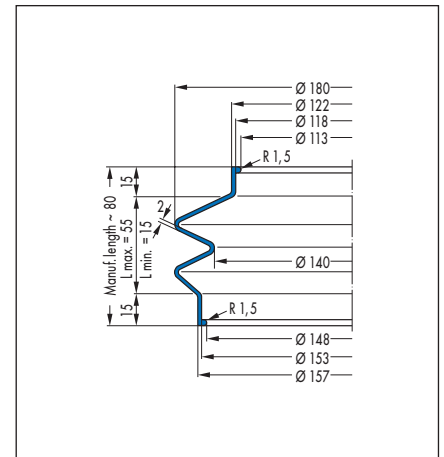
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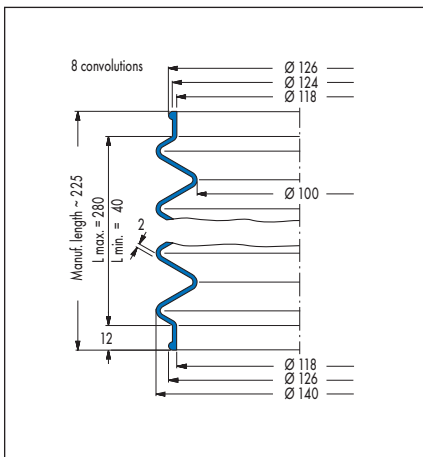
V6-00621, Article No. 400783



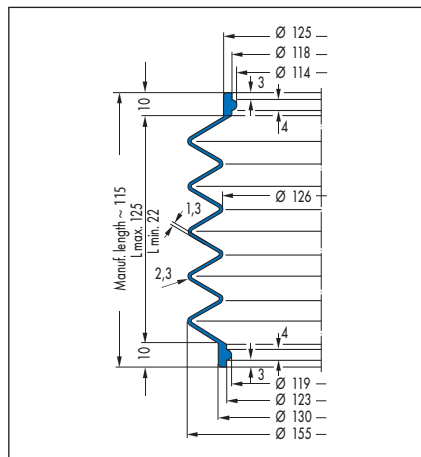
V6-01247, Article No. 454251



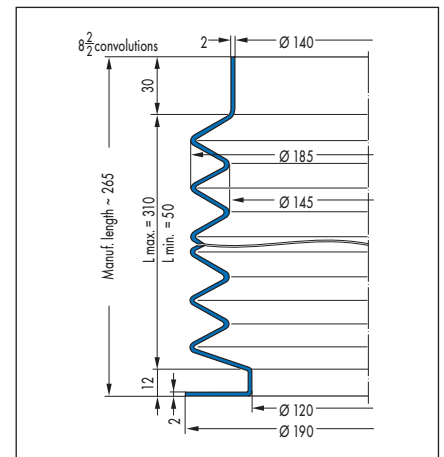
V6-00443, Article No. 1065



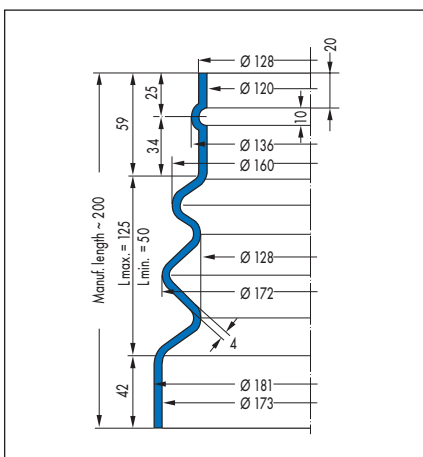
V6-00642, Article No. 2708



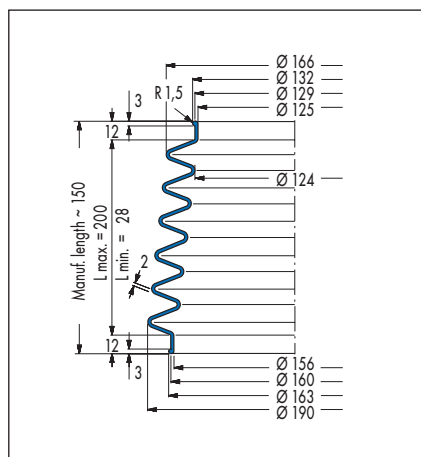
V6-01003, Article No. 455224



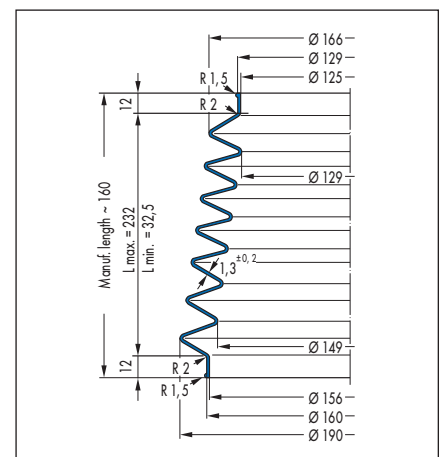
V6-00542, Article No. 125325



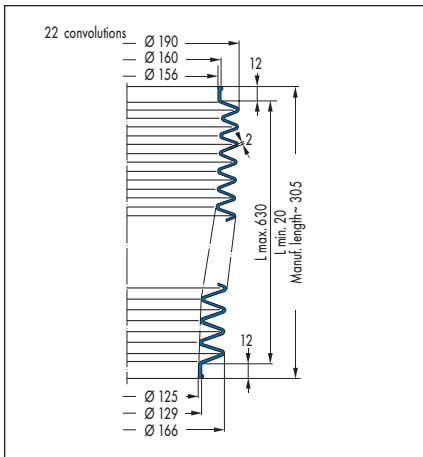
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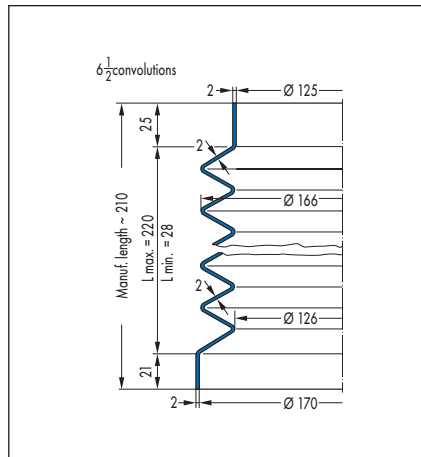
V6-00217, Article No. 29370



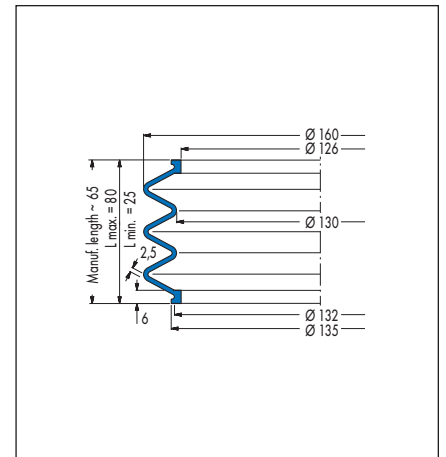
V6-01445, Article No. 355400



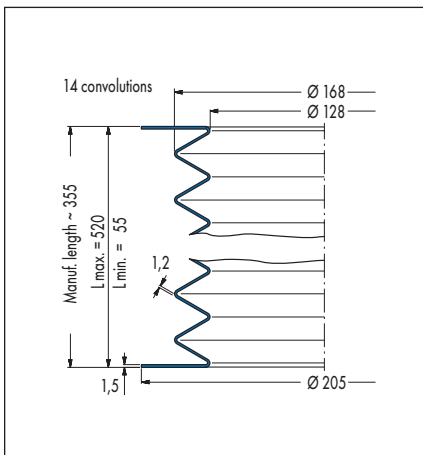
V6-01444, Article No. 60040372



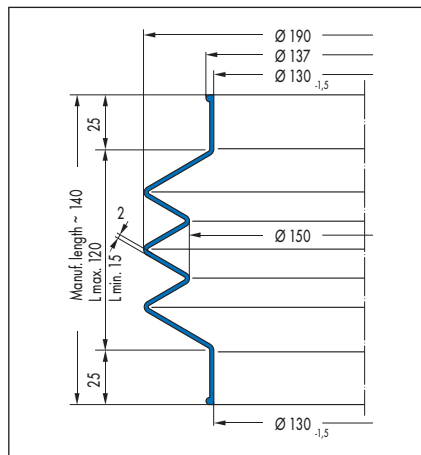
V6-00544, Article No. 29726



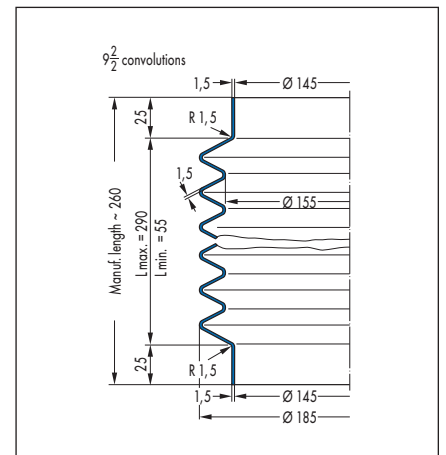
V6-00396, Article No. 454471



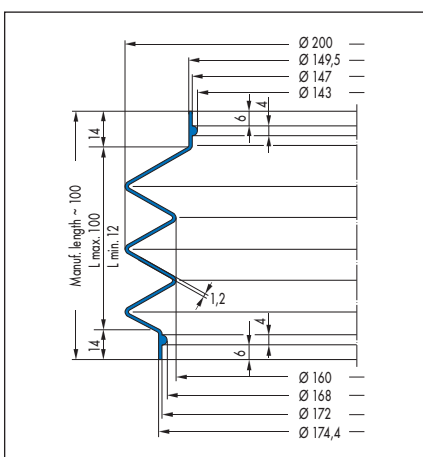
V6-00628, Article No. 29793



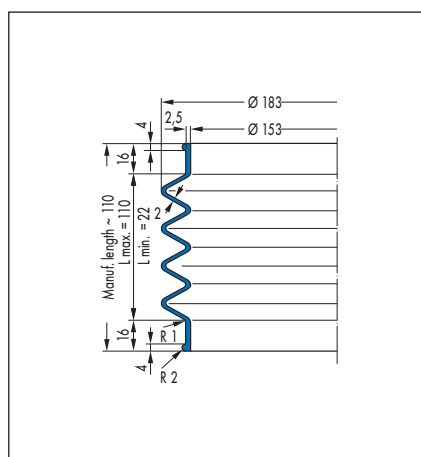
V6-01305, Article No. 400958



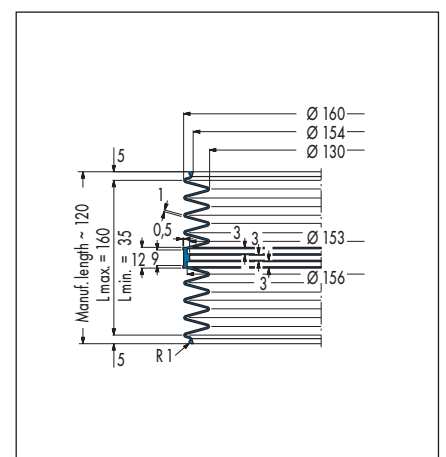
V6-00612, Article No. 29778



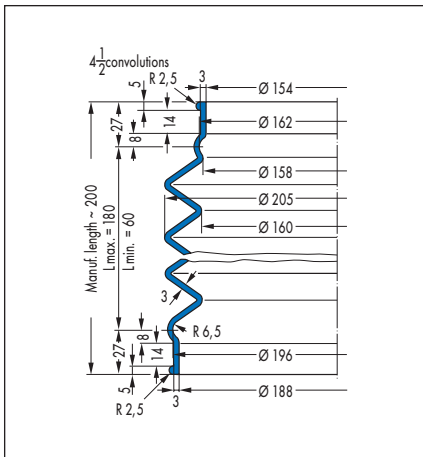
V6-00717, Article No. 5050499



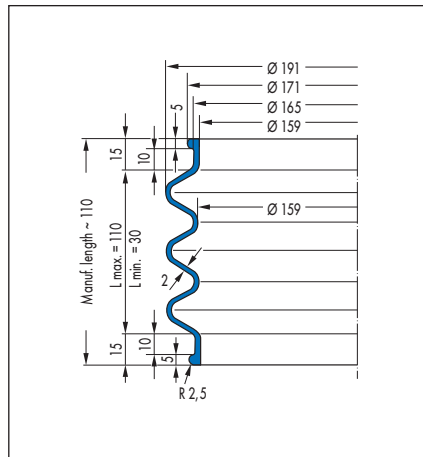
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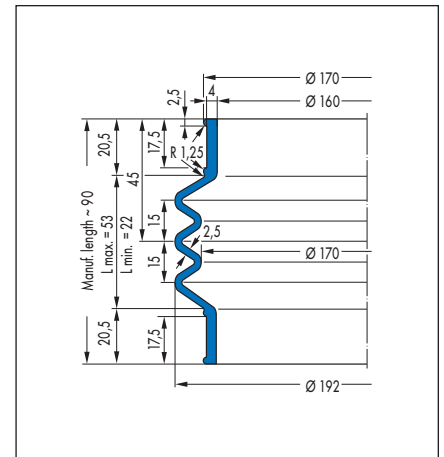
V6-00250, Article No. 29416



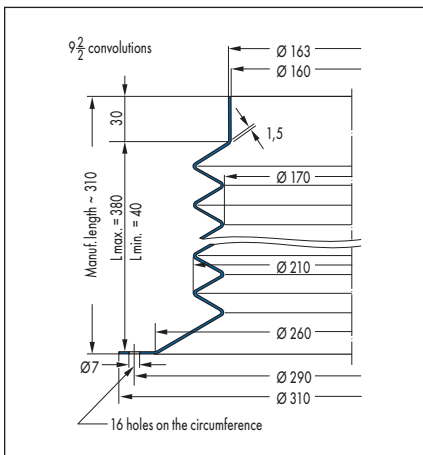
V6-00330, Article No. 325674



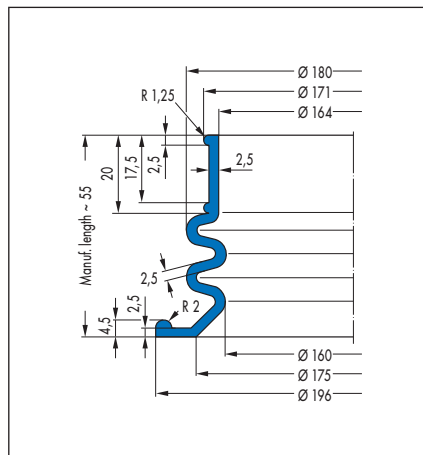
V6-00420, Article No. 29612



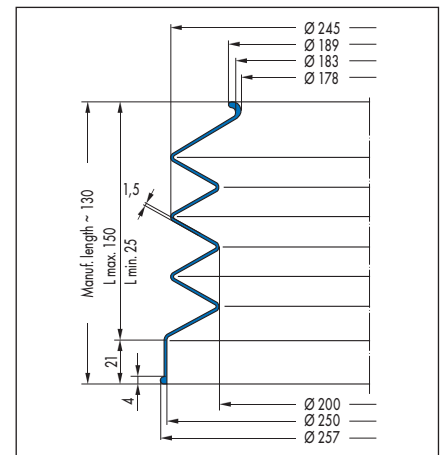
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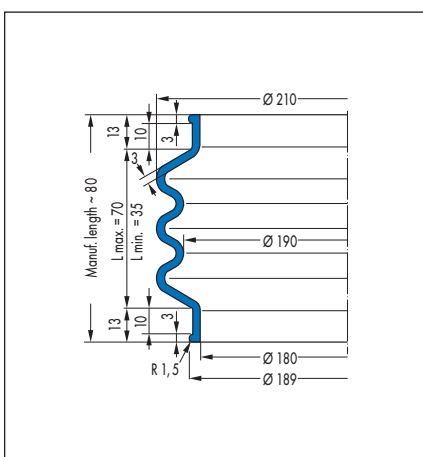
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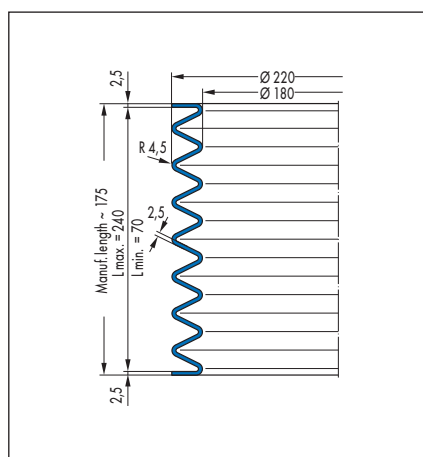
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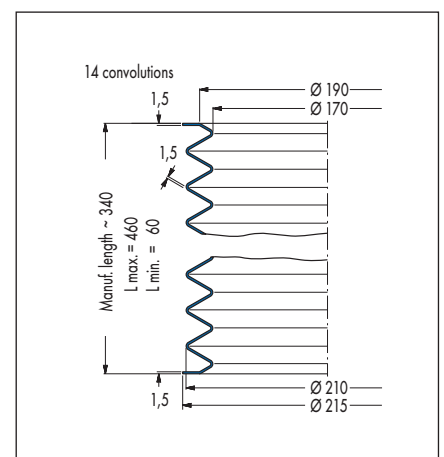
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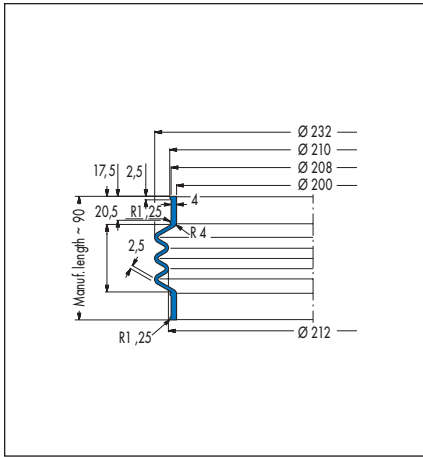
V6-00661, Article No. 29824 (45 NBR 670)/
60028128 (50 CR 879)



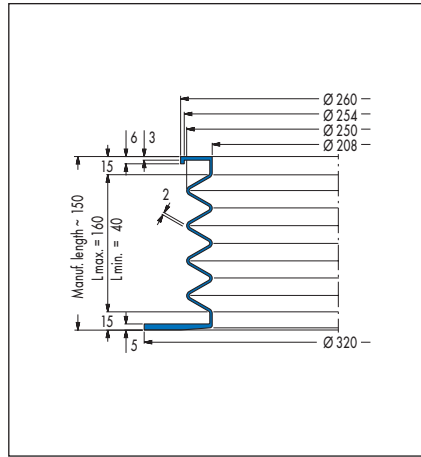
V6-00345, Article No. 29551 (42 CR 764)/
325185 (50 CR 879)



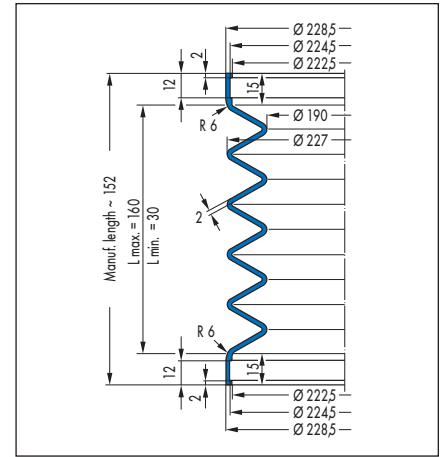
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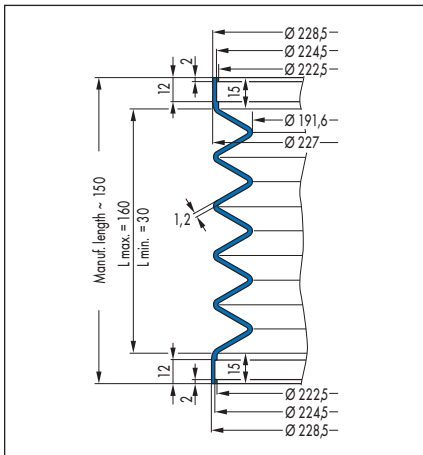
V6-01528, Article No. 455421



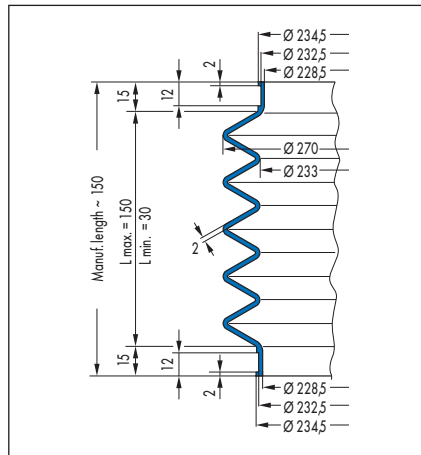
V6-00318, Article No. 87072



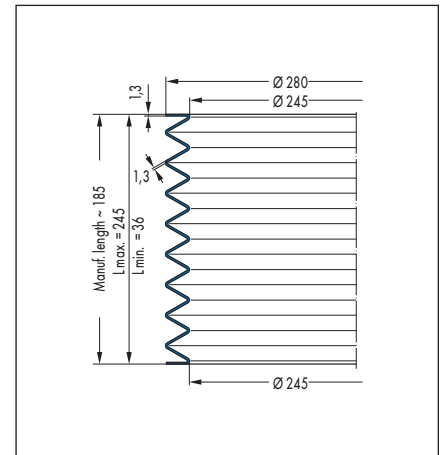
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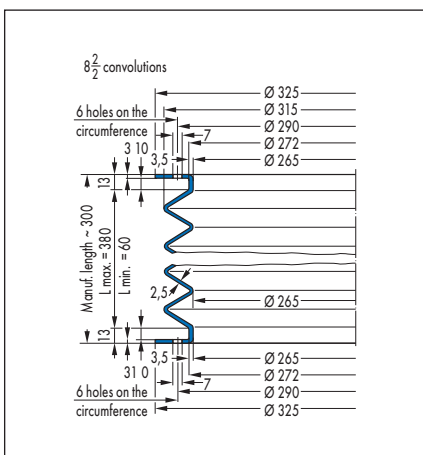
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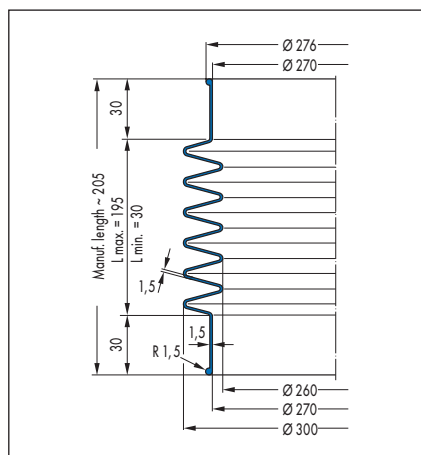
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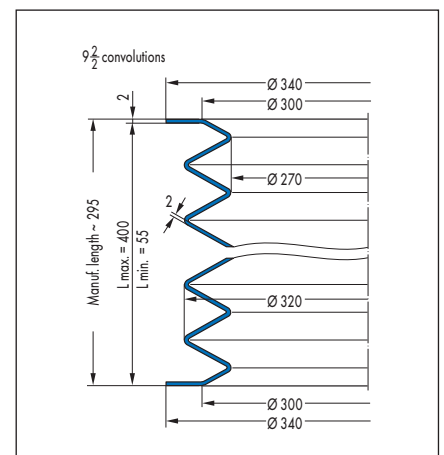
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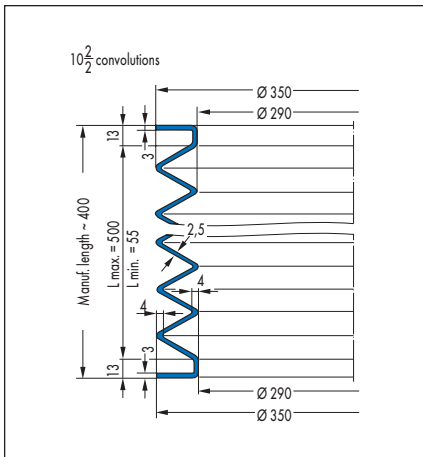
V6-00632, Article No. 506890



V6-01031, Article No. 361913



V6-00766, Article No. 36412



V6-00732, Article No. 510580