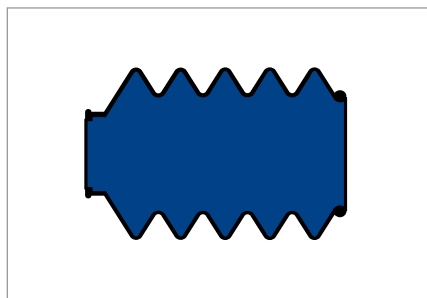


# MULTIPLE CONVOLUTION BELLOWS



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

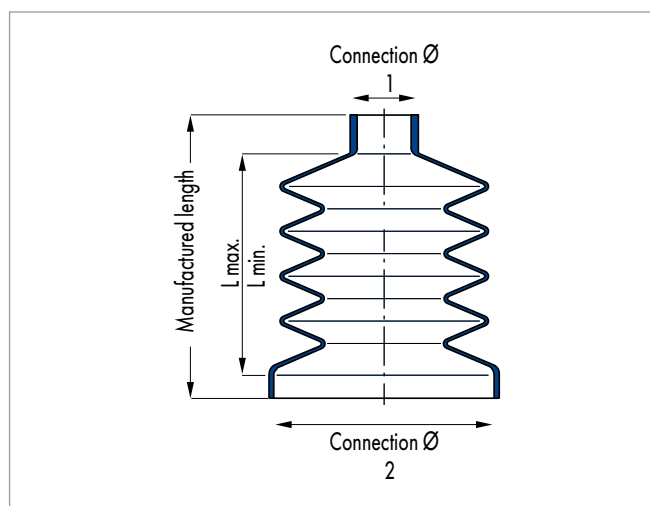
The moving section of the bellows must not come into contact with any sharp edges. It is imperative that continuous chaffing against moving parts of the machine is avoided.

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

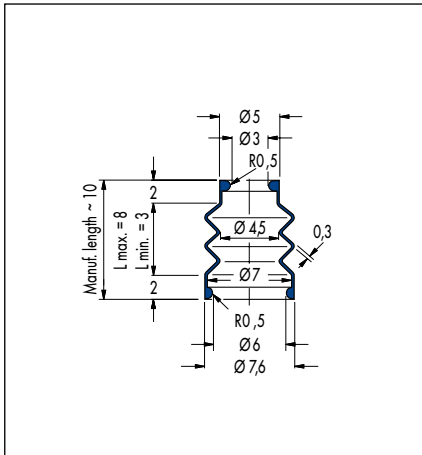
To prevent a pressure build-up inside bellows on axial movements, a sufficient ventilation must be provided.

Torsional loading of the bellows should be avoided.

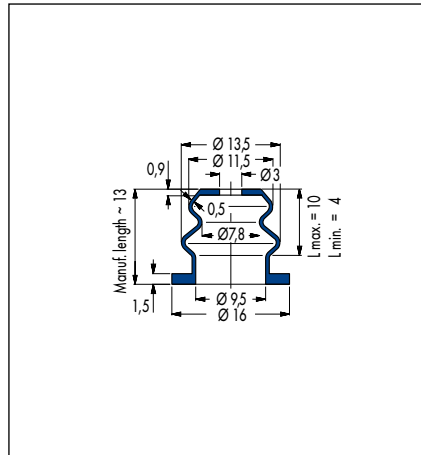
For further information on installation: → Technical Manual.



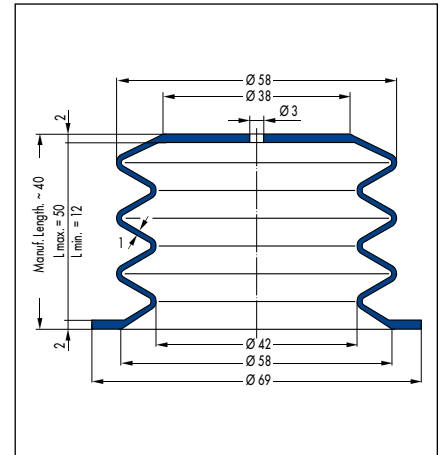
Drawing with dimensions multiple convolution bellows



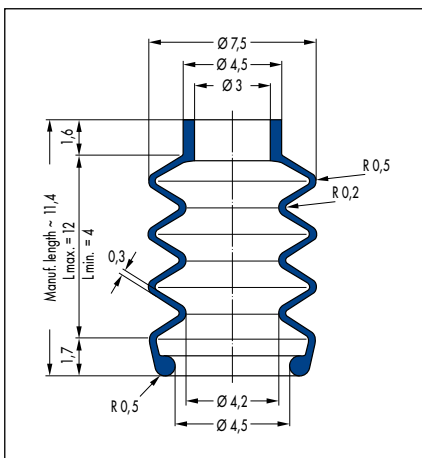
V6-00748, Article No. 29944



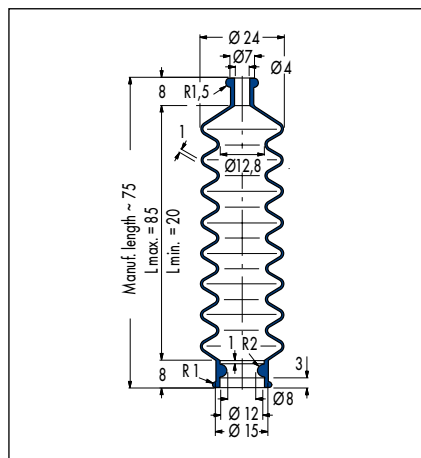
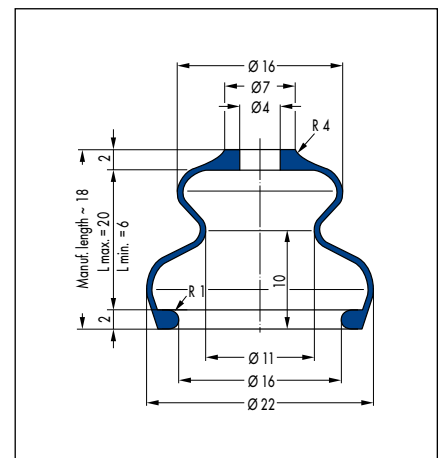
V6-00618, Article No. 49345230



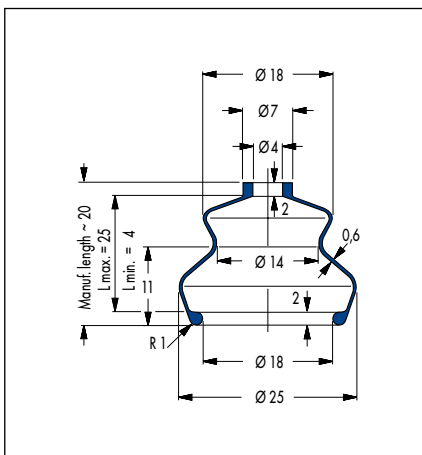
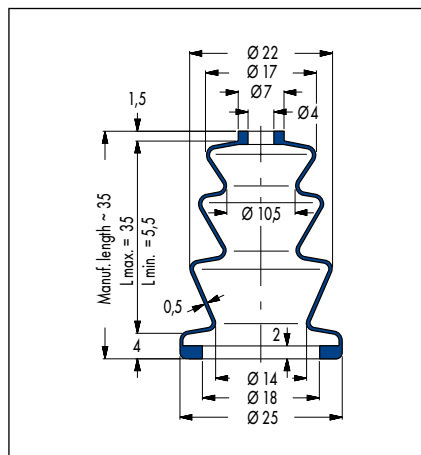
V6-00735, Article No. 456487



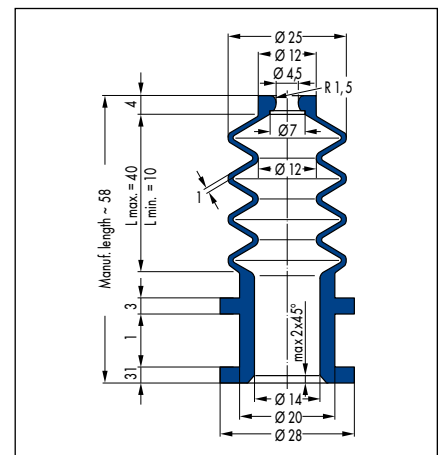
V6-01109, Article No. 5417

V6-00249, Article No. 438531 (42 CR 764)/  
327194 (56 CR 886)

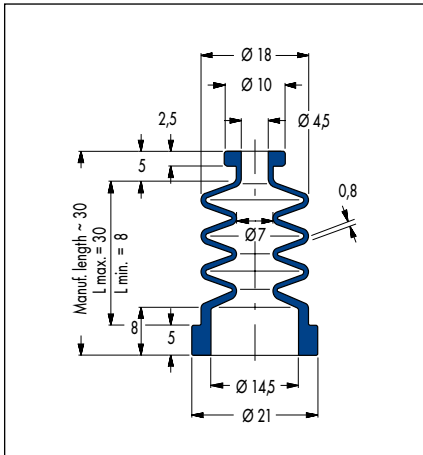
V6-01231, Article No. 8934

V6-00949, Article No. 435 (CR)/  
49028924 (NBR)

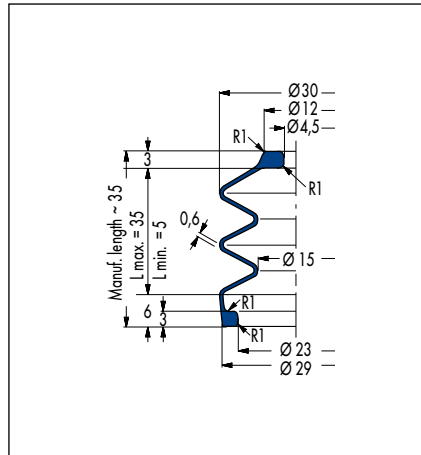
V6-01008, Article No. 14405



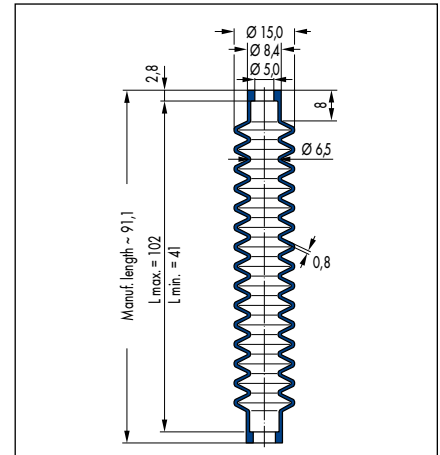
V6-01281, Article No. 389744



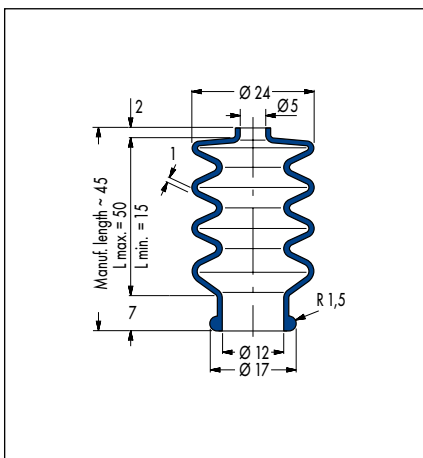
V6-00055, Article No. 29209



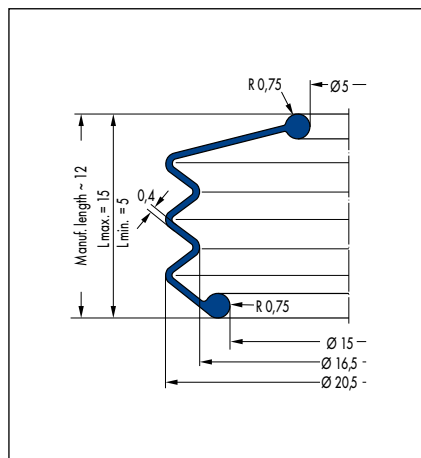
V6-00994, Article No. 49332674



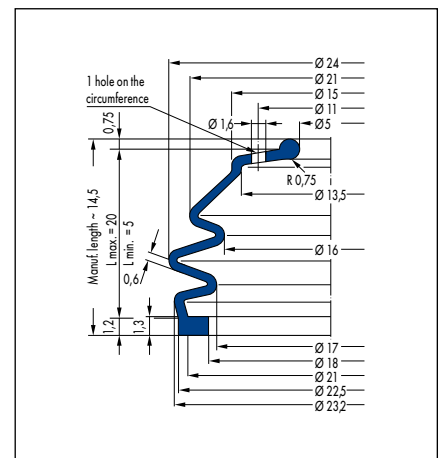
V6-20138, Article No. 420271



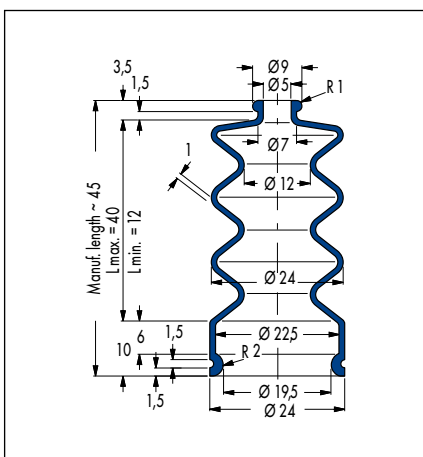
V6-00258, Article No. 438028



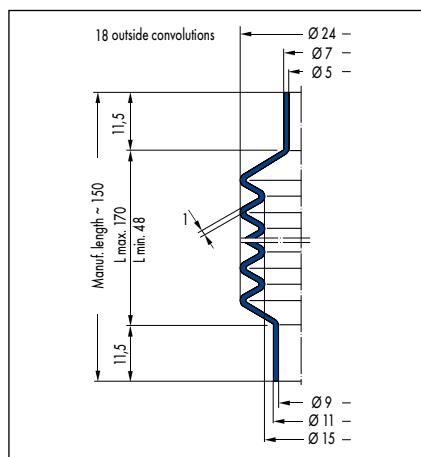
V6-01207, Article No. 452568



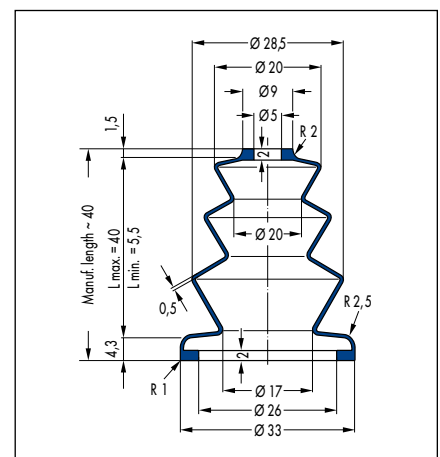
V6-01194, Article No. 440258



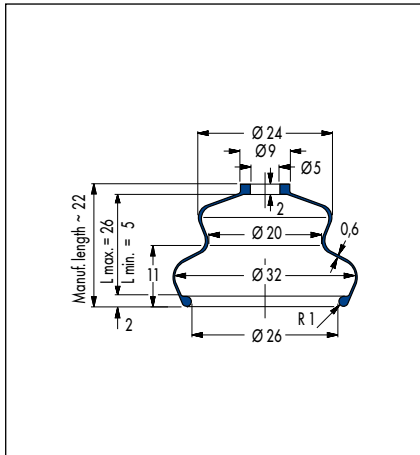
V6-00358, Article No. 435291



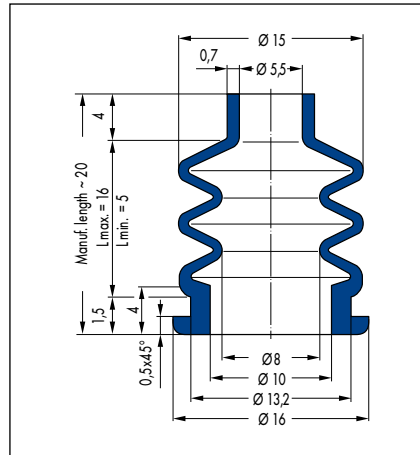
V6-00931, auf Anfrage



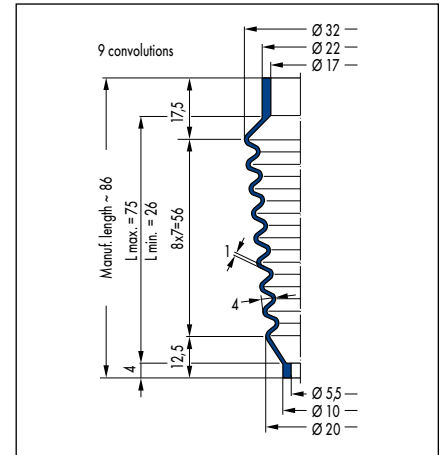
V6-01009, Article No. 456494



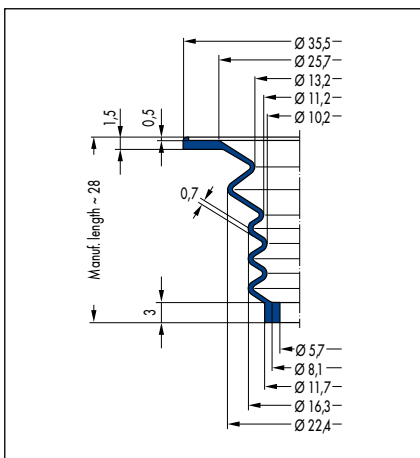
V6-00948, Article No. 434 (42 CR 764)/  
420983 (50 CR 879)



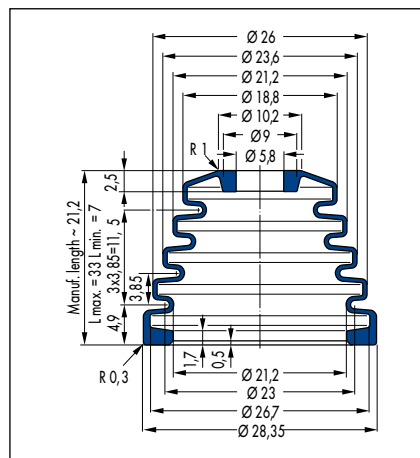
V6-20104, Article No. 400549



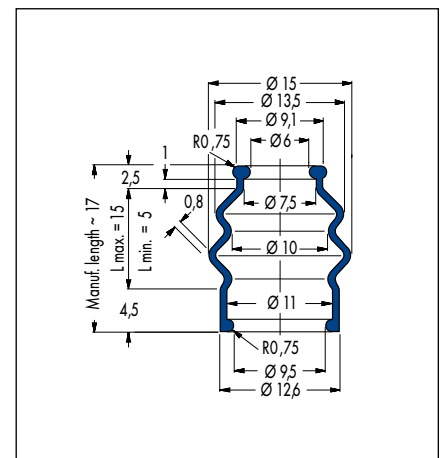
V6-01466, Article No. 457512



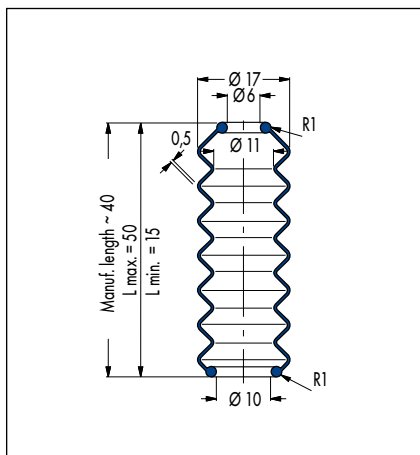
V6-01526, Article No. 400999 (CR)/  
152955 (NBR)



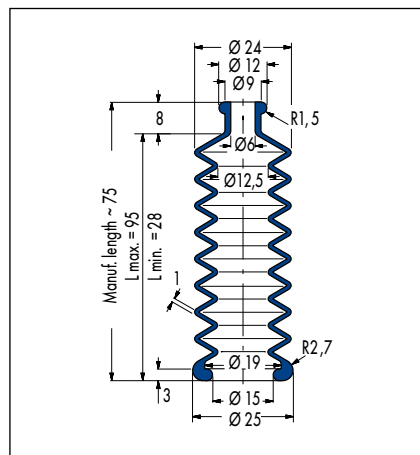
V6-20134, Article No. 453832



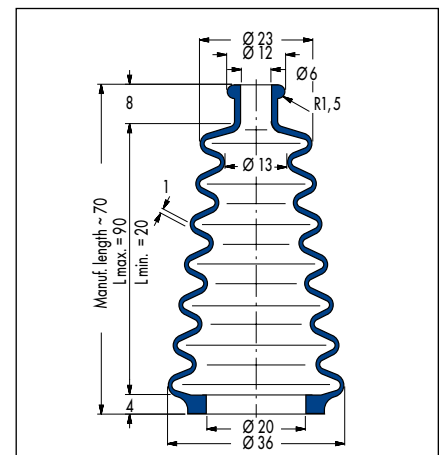
V6-00752, Article No. 428864



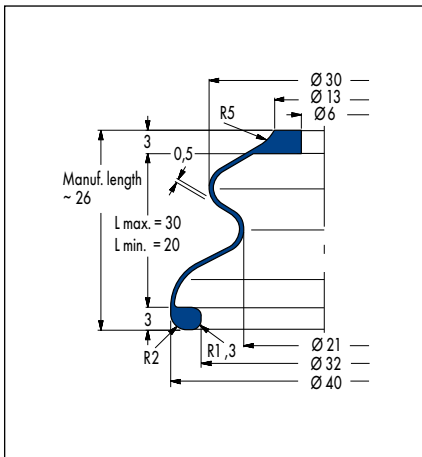
V6-00169, Article No. 438526



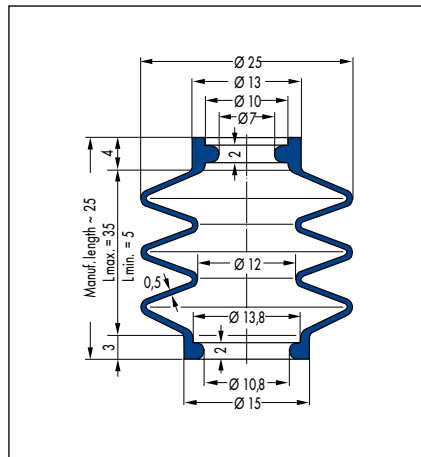
V6-00126, Article No. 435526



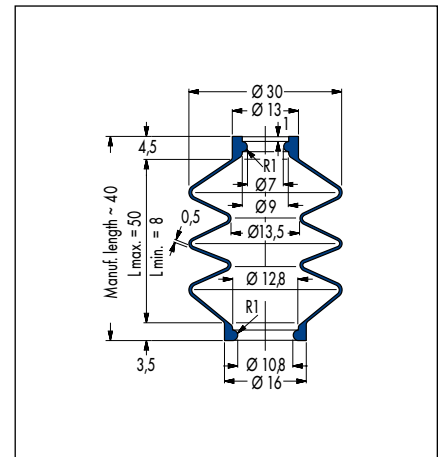
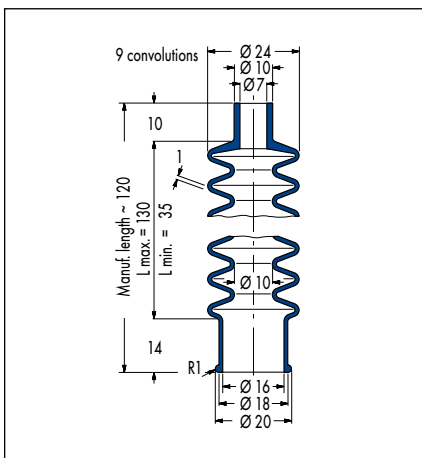
V6-00167, Article No. 438520



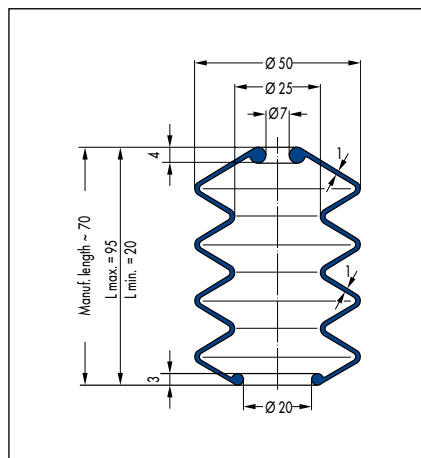
V6-01104, Article No. 434028



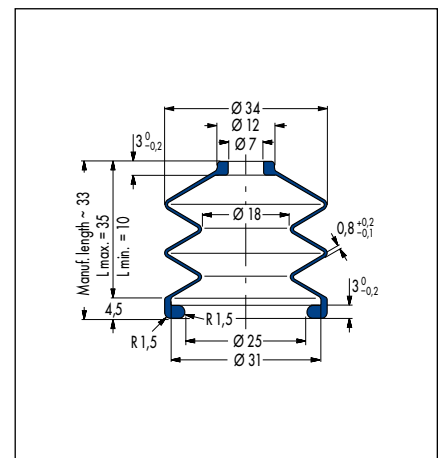
V6-00471, Article No. 507077

V6-00525, Article No. 438219 (45 NBR 670)/  
438221 (42 CR 764)

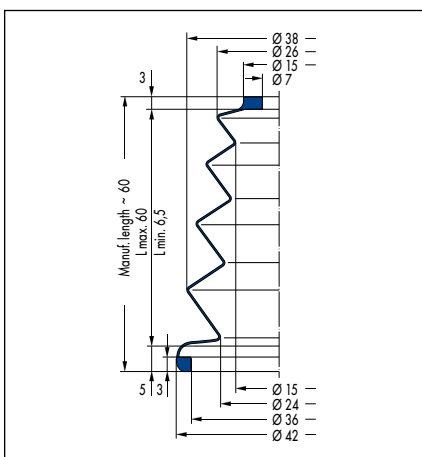
V6-00269, Article No. 438534



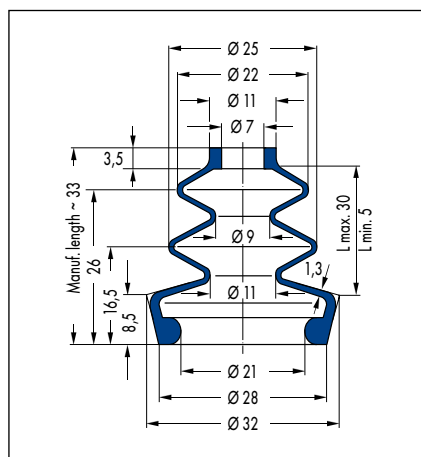
V6-01150, Article No. 142815



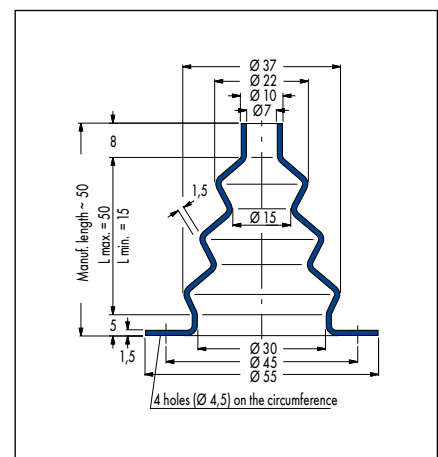
V6-00875, Article No. 5530



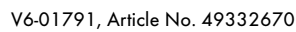
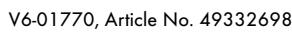
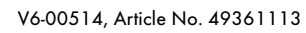
V6-01011, Article No. 400903

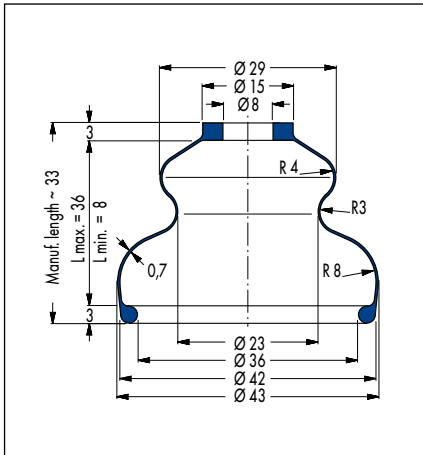


V6-01032, Article No. 402606

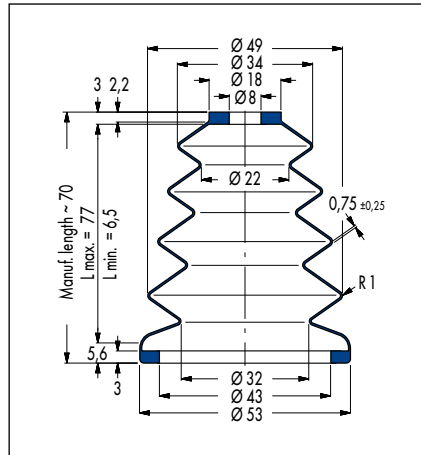


V6-00795, Article No. 451753

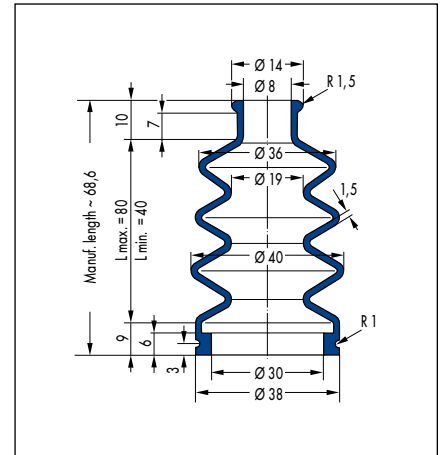




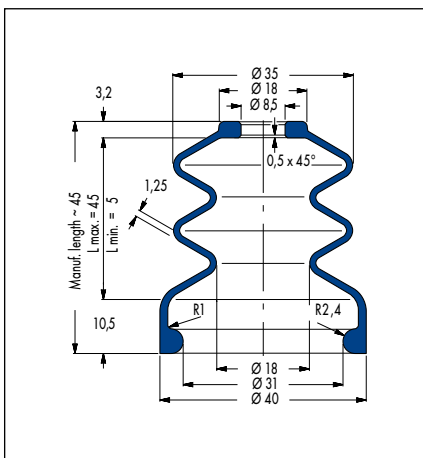
V6-00947, Article No. 436933



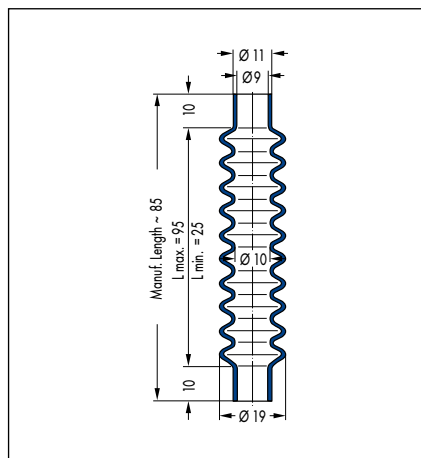
V6-01012, Article No. 453786



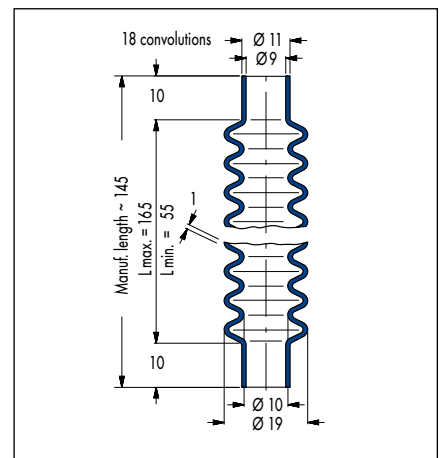
V6-01722, Article No. 49322415



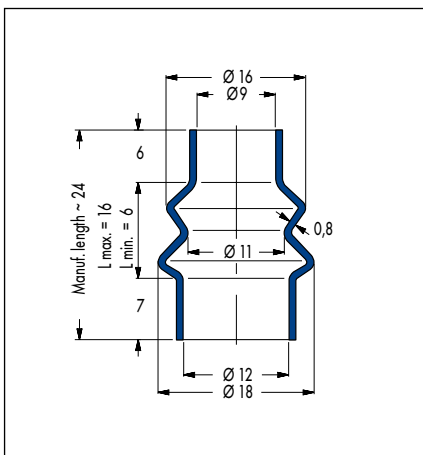
V6-01138, Article No. 428843



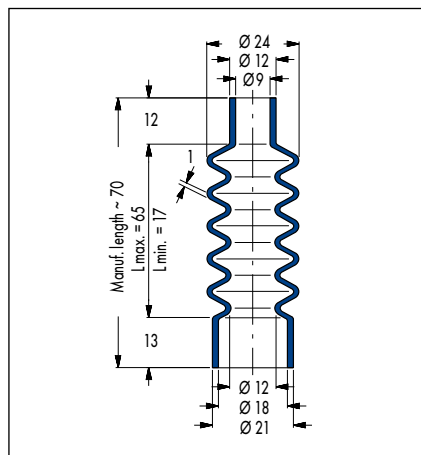
V6-00338, Article No. 439491



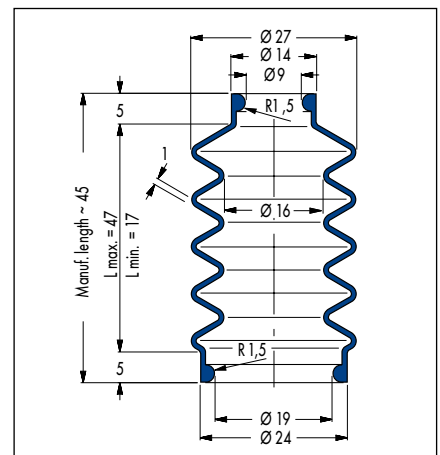
V6-00337, Article No. 439492



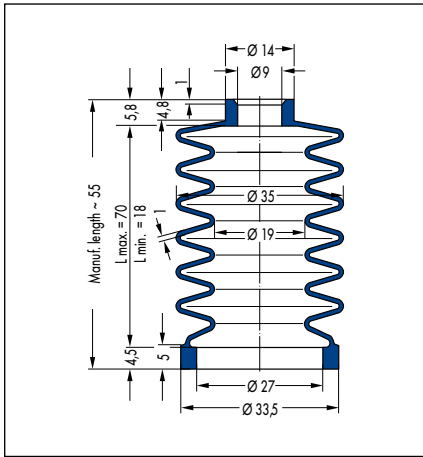
V6-00336, Article No. 439483



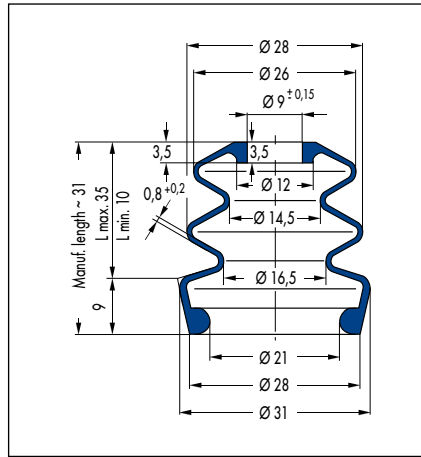
V6-00225, Article No. 428314



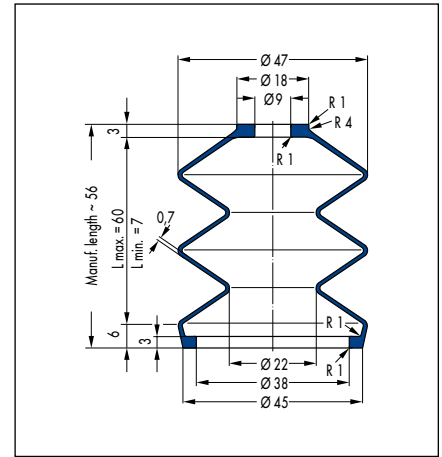
V6-00724, Article No. 438552



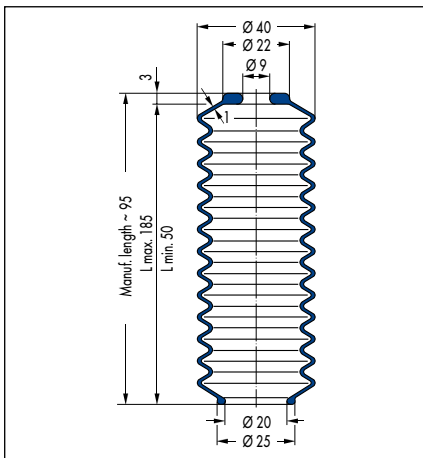
V6-00261, Article No. 439215



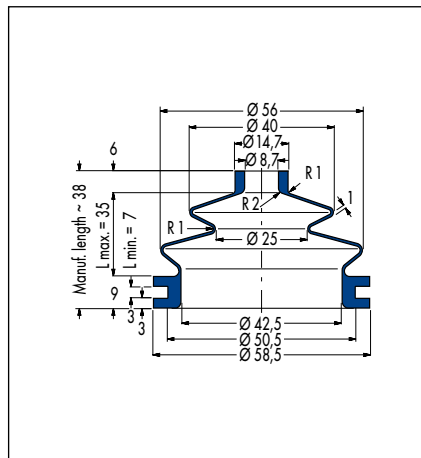
V6-00914, Article No. 400890



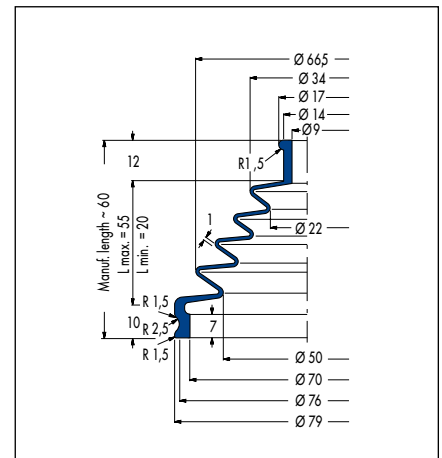
V6-00996, Article No. 457508



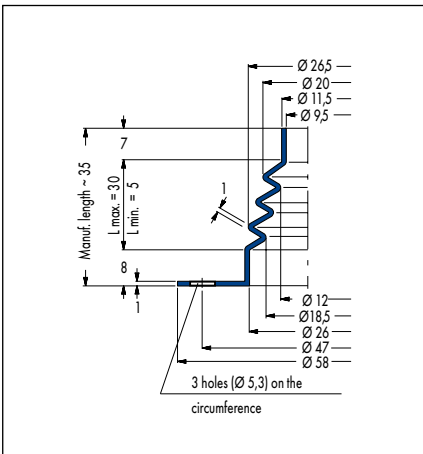
V6-00898, Article No. 400886



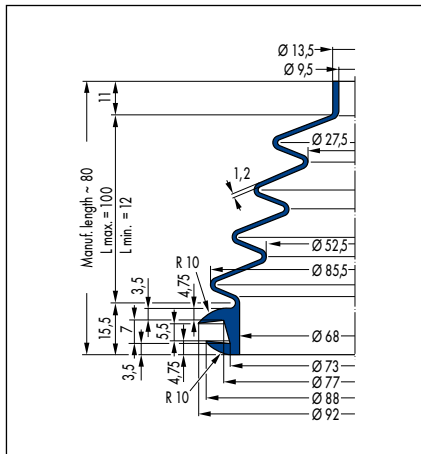
V6-00800, Article No. 435516



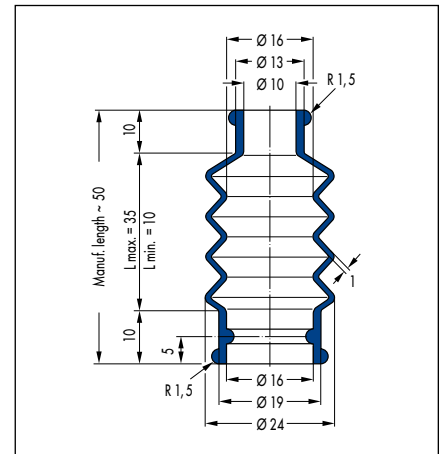
V6-00729, Article No. 49312520



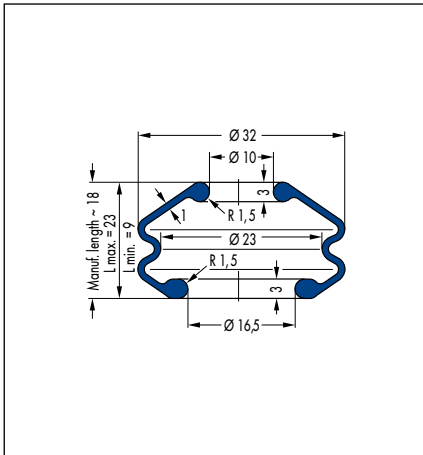
V6-00665, Article No. 426800



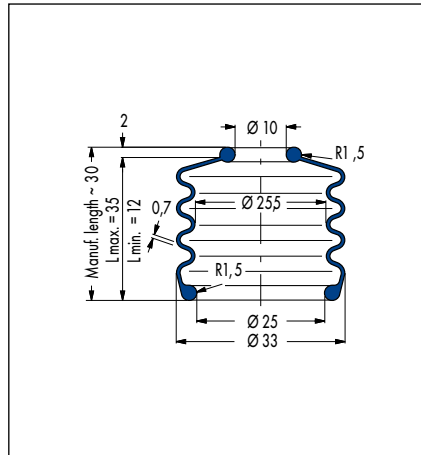
V6-00764, Article No. 380287



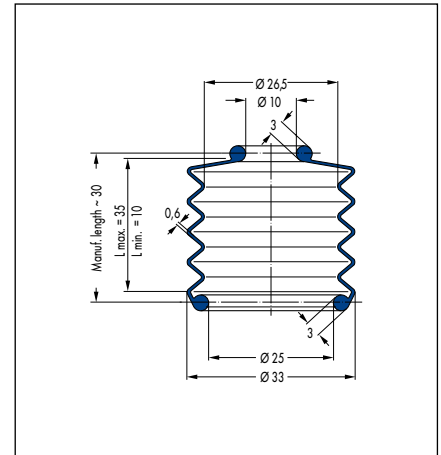
V6-01745, Article No. 436919



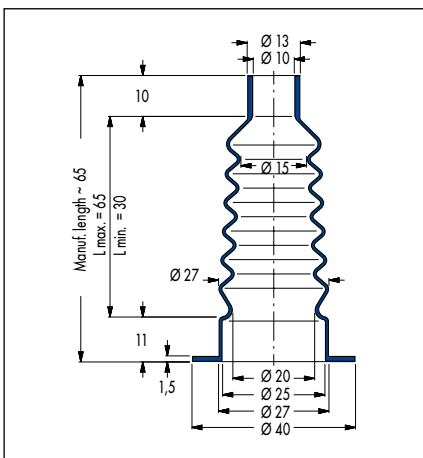
V6-00438, Article No. 29634



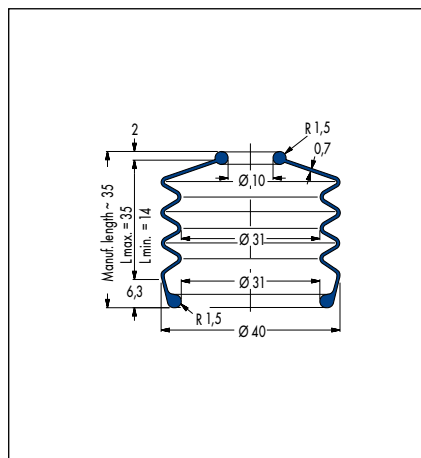
V6-00554, Article No. 438537



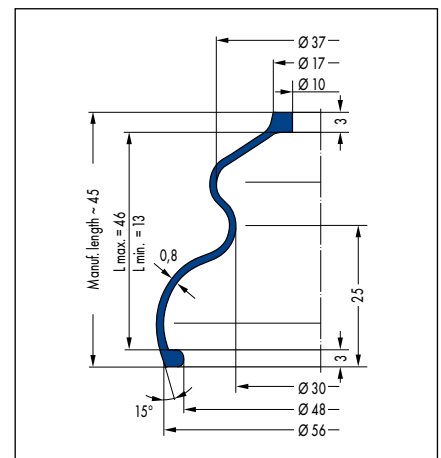
V6-00979, Article No. 5810



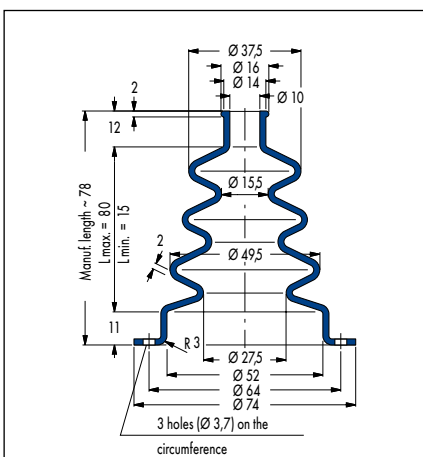
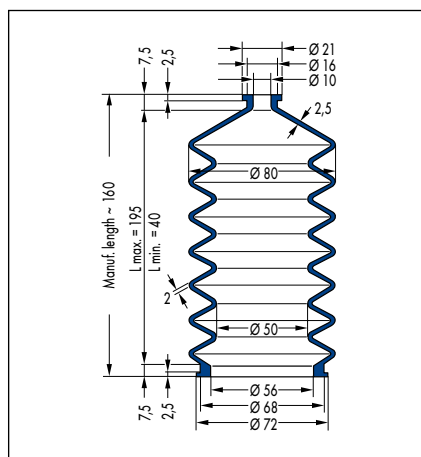
V6-00052, Article No. 432593



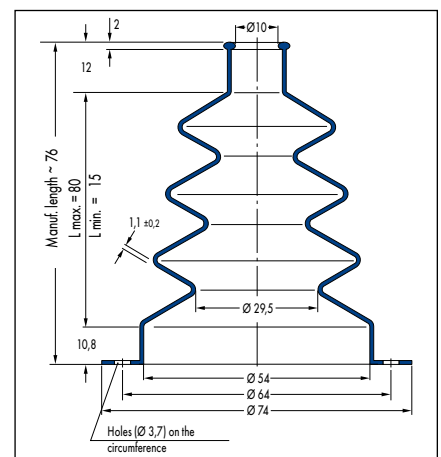
V6-00555, Article No. 438572



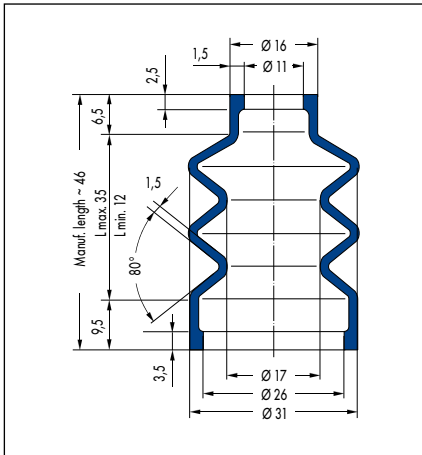
V6-00945, Article No. 413

V6-01348, Article No. 429741 (50 CR 879)/  
430248 (42 CR 764)

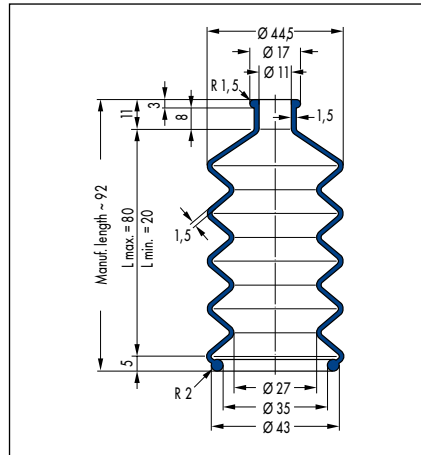
V6-00741, Article No. 456488



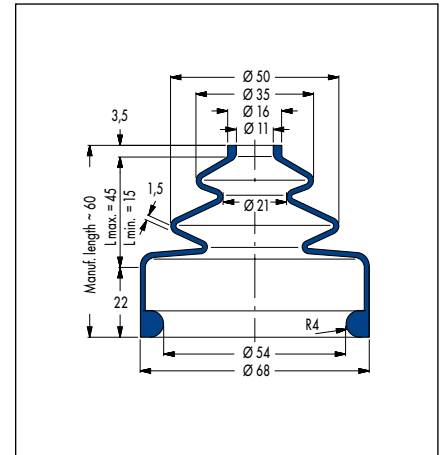
V6-20024, Article No. 49332671



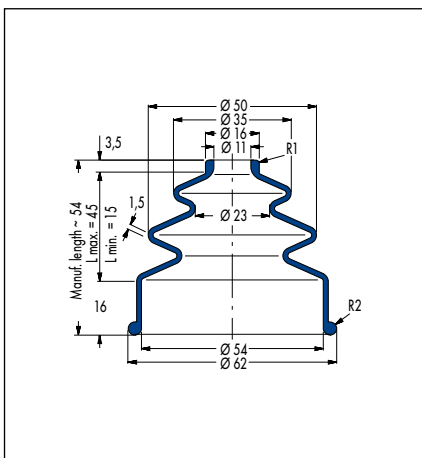
V6-00833, Article No. 400864



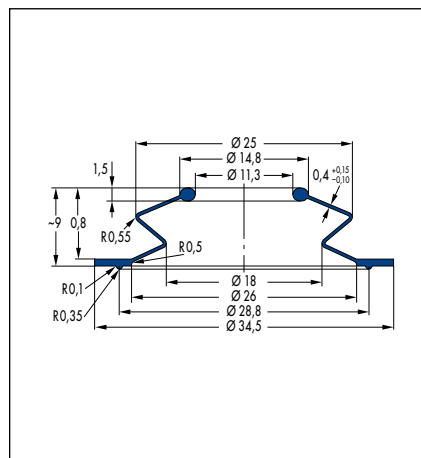
V6-00829, Article No. 507862



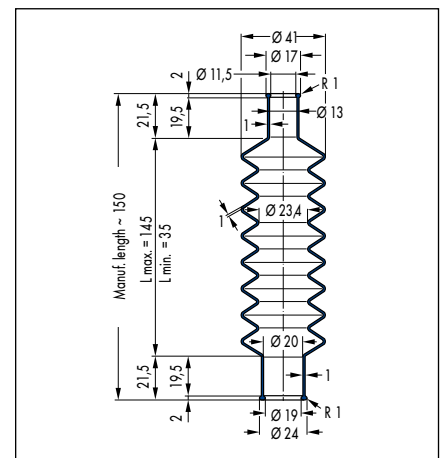
V6-00111, Article No. 434031



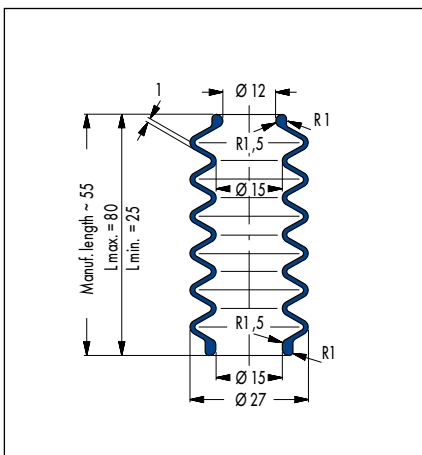
V6-00320, Article No. 440257



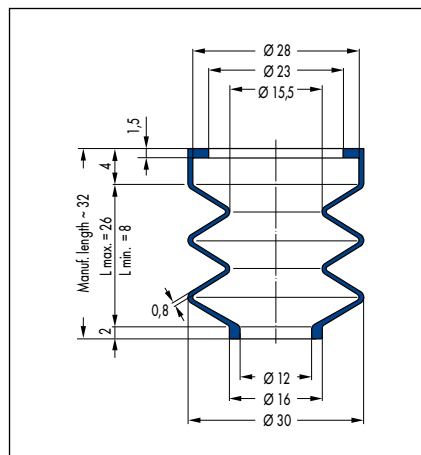
V6-20123, Article No. 49365014



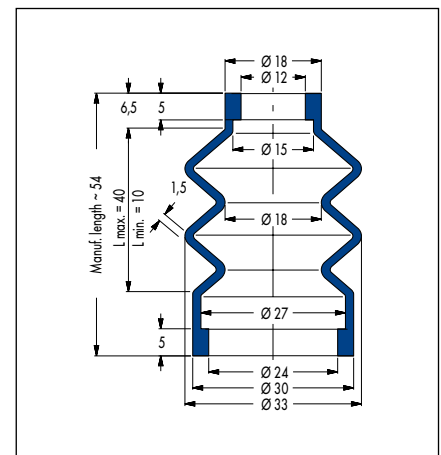
V6-00836, Article No. 400869



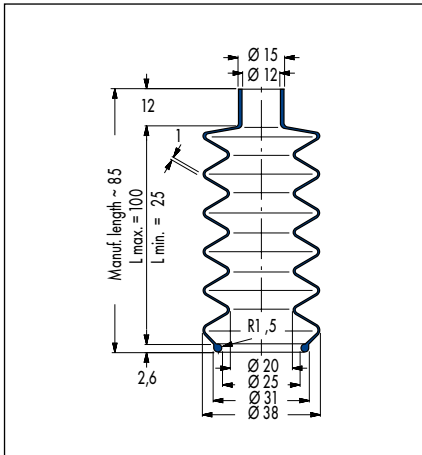
V6-00158, Article No. 430845



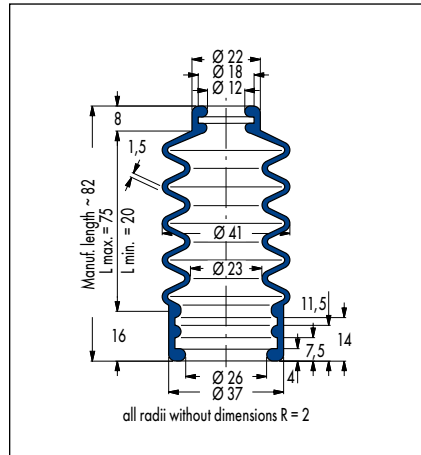
V6-01585, Article No. 49346744



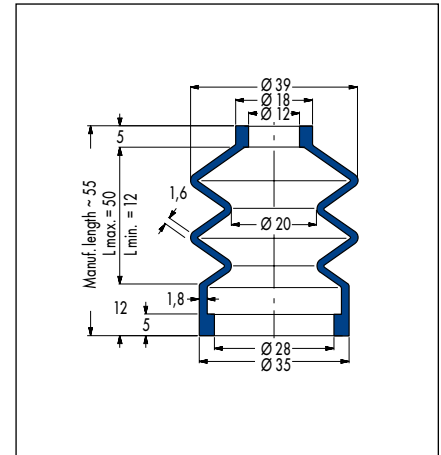
V6-00288, Article No. 452930



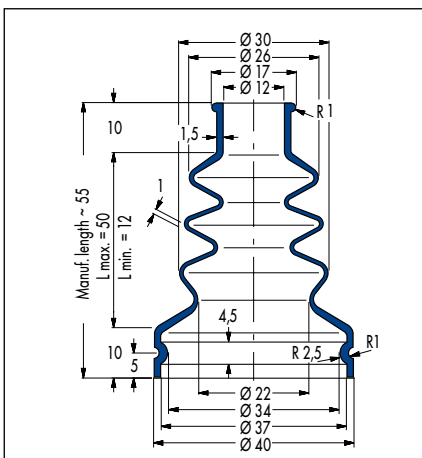
V6-00650, Article No. 428275



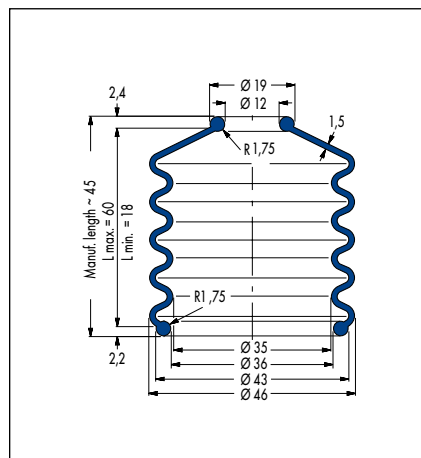
V6-00022, Article No. 49345169



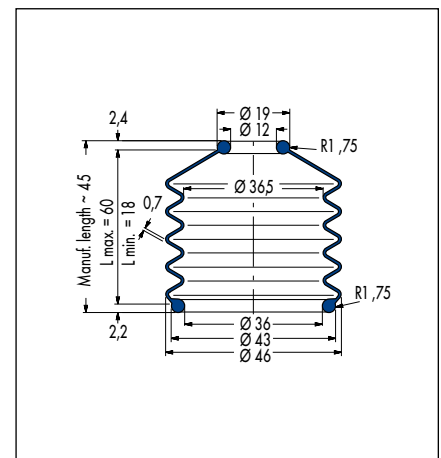
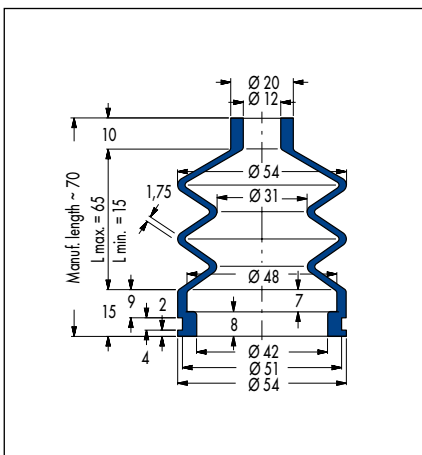
V6-00289, Article No. 439474



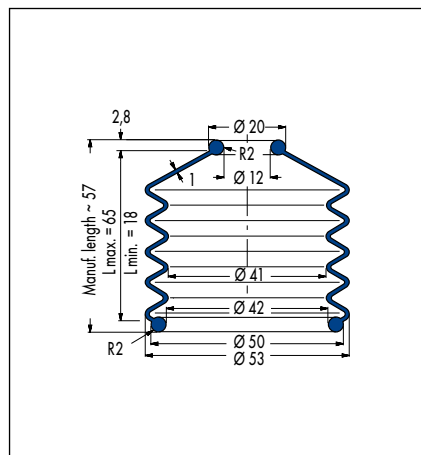
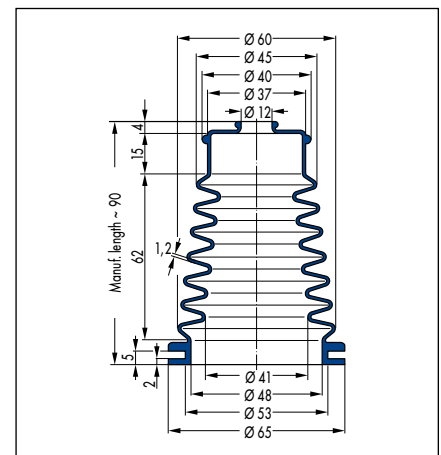
V6-00716, Article No. 427272



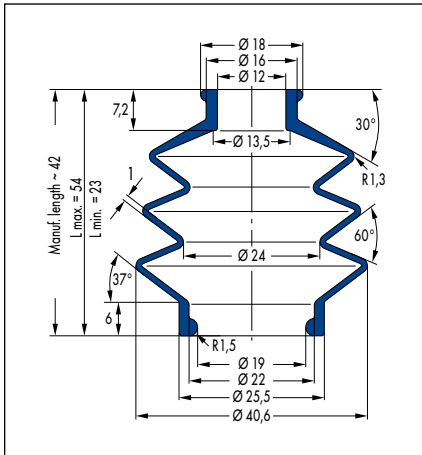
V6-00880, Article No. 438558

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

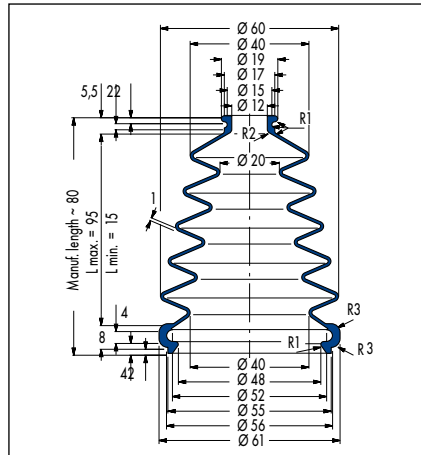
V6-00423, Article No. 435215

V6-00581, Article No. 438541 (CR)/  
438542 (NBR)

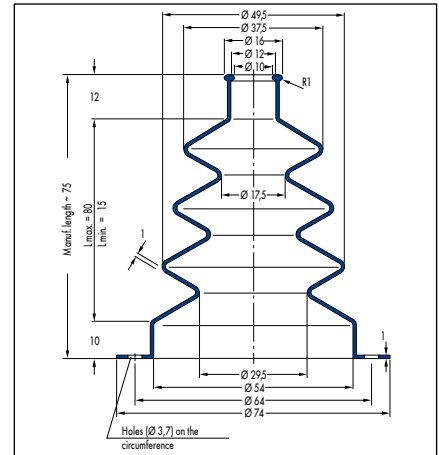
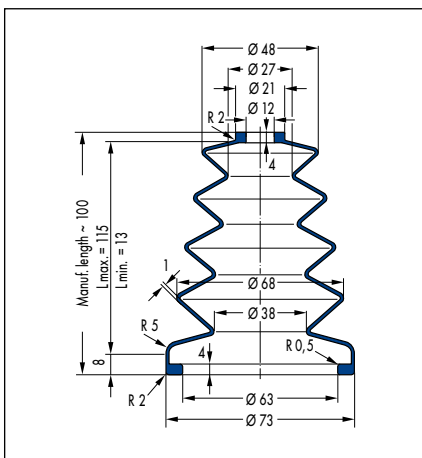
V6-00859, Article No. 31869



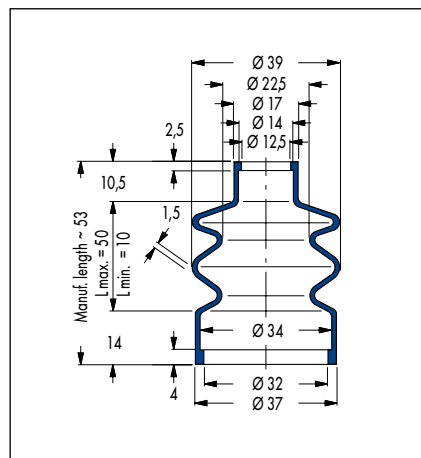
V6-20121, Article No. 49365013



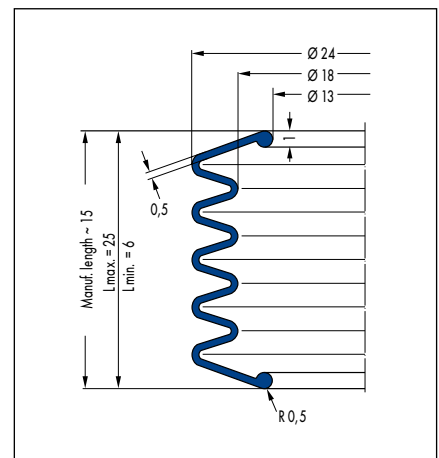
V6-00625, Article No. 438216

V6-00631, Article No. 426386 (CR)/  
508013 (NBR)

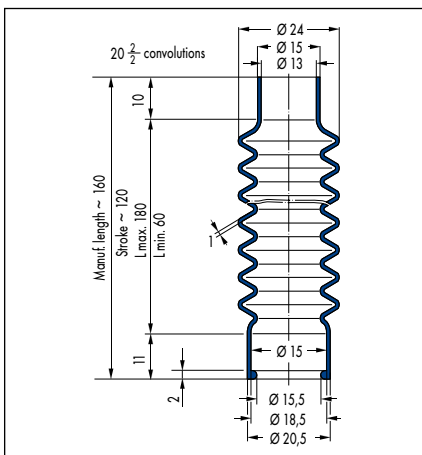
V6-01014, Article No. 454262



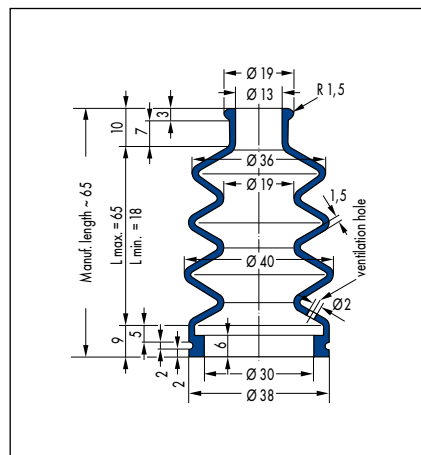
V6-00816, Article No. 434459



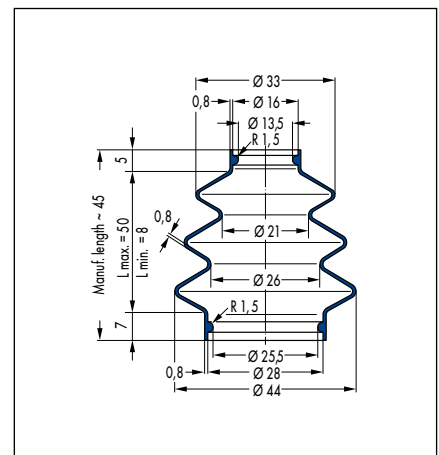
V6-00989, Article No. 117054



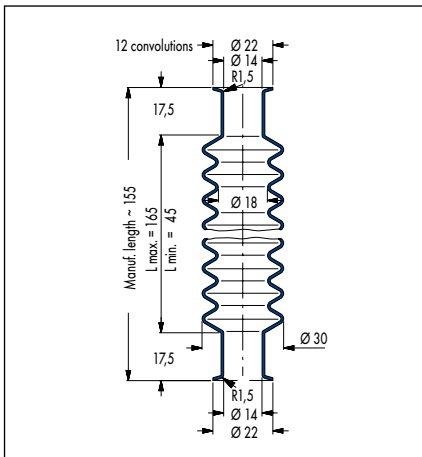
V6-00930, Article No. 400893



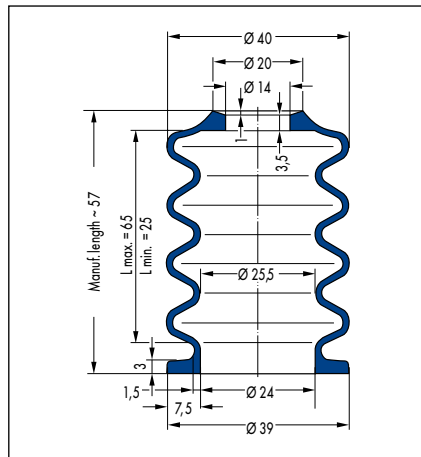
V6-00505, Article No. 453725



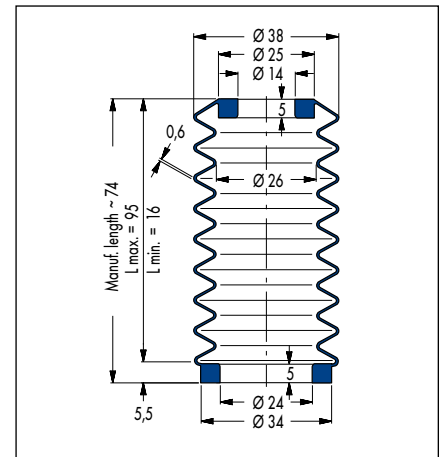
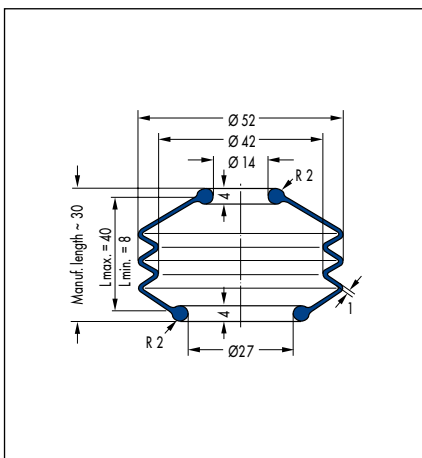
V6-00616, Article No. 400781



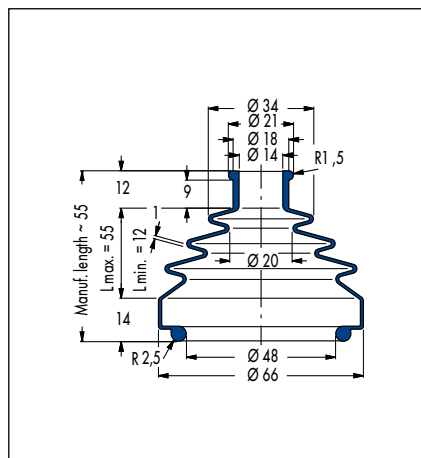
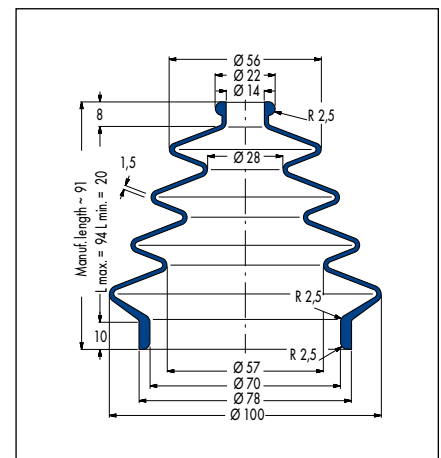
V6-00237, Article No. 427261



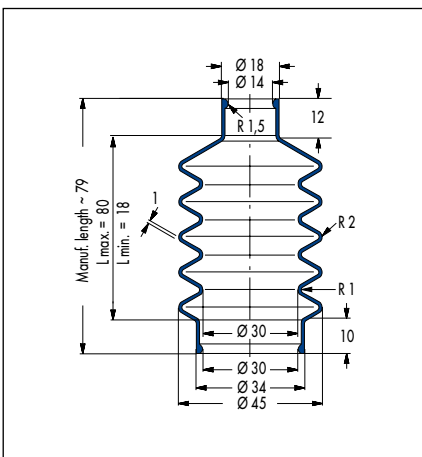
V6-00439, Article No. 29637

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

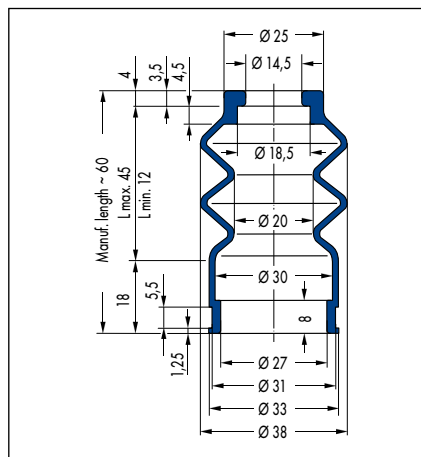
V6-00644, Article No. 49346745

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

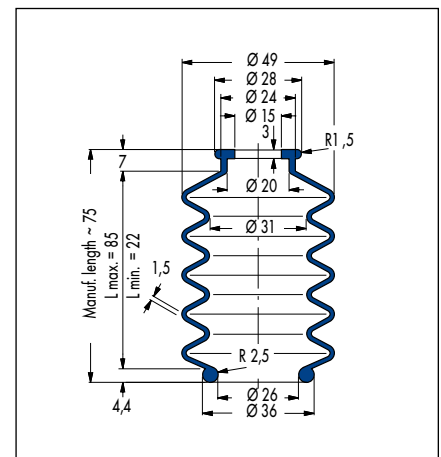
V6-01358, Article No. 451650



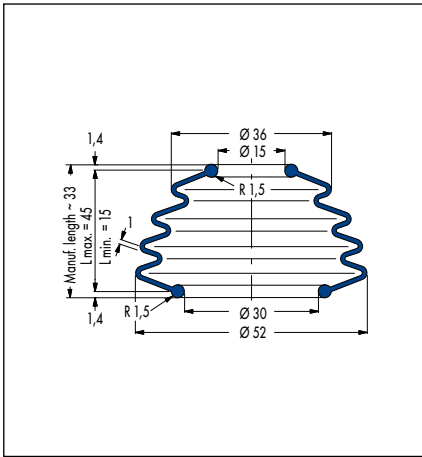
V6-00988, Article No. 385391



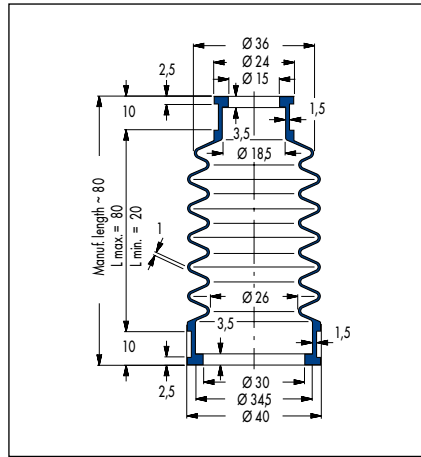
V6-00189, Article No. 440390



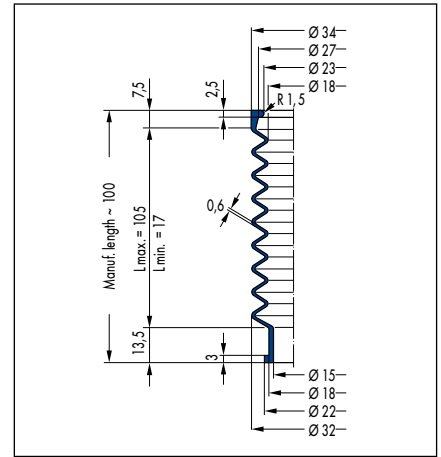
V6-00488, Article No. 426793



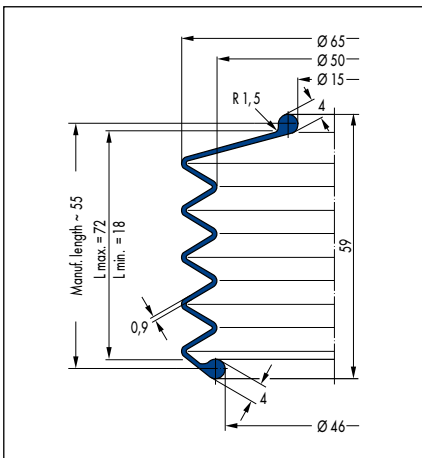
V6-00277, Article No. 435217



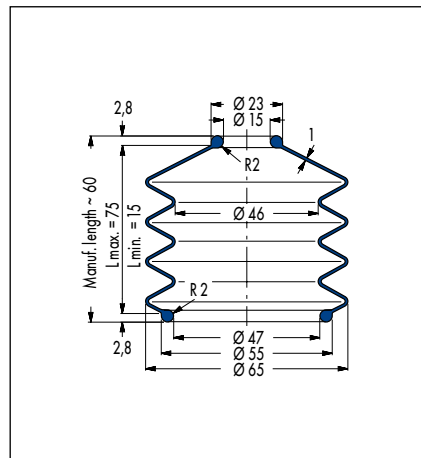
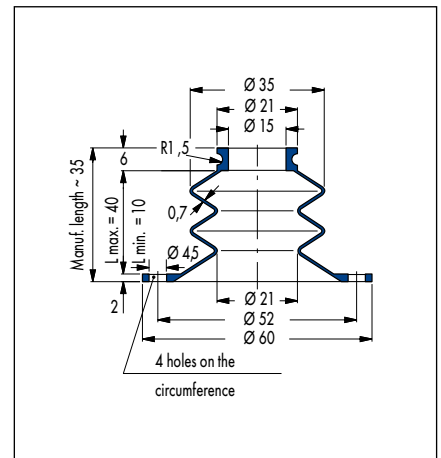
V6-00156, Article No. 436158



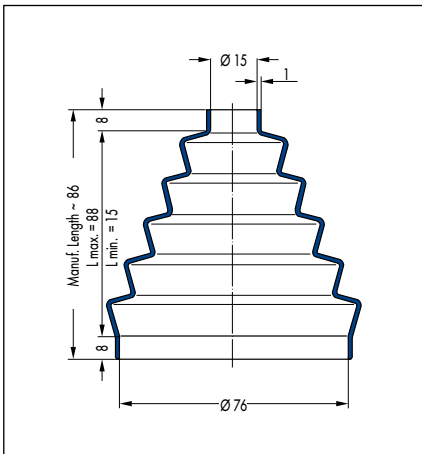
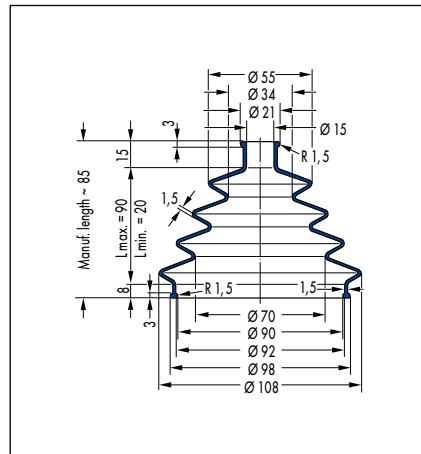
V6-01450, Article No. 452567



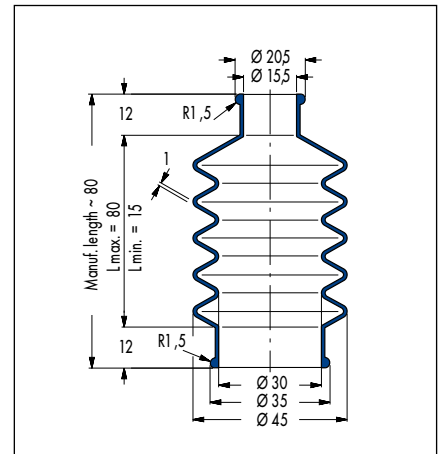
V6-01538, Article No. 434075

V6-00582, Article No. 455488 (CR)/  
49312586 (NBR)

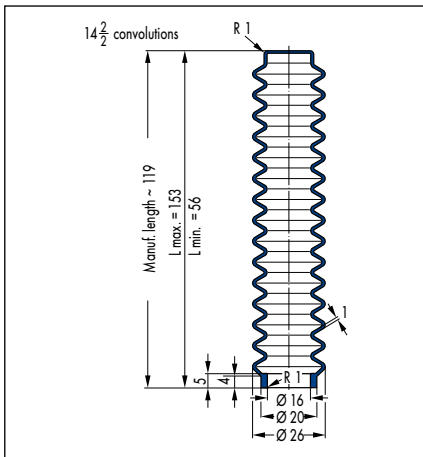
V6-00366, Article No. 427266

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

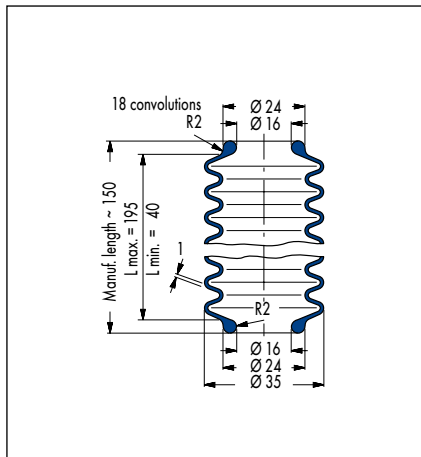
V6-00787, Article No. 29962



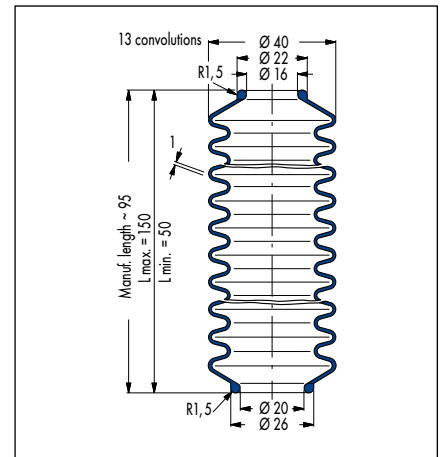
V6-01019, Article No. 438569



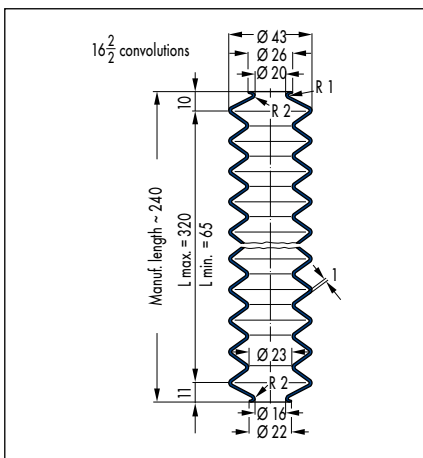
V6-01353, Article No. 82687



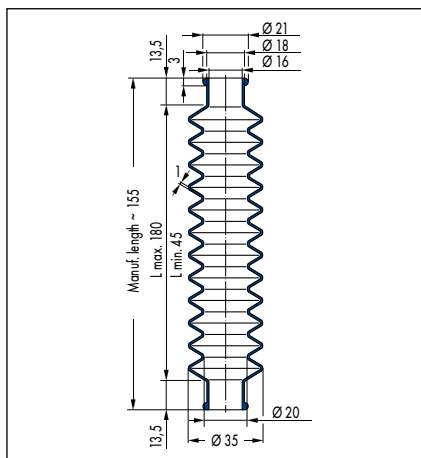
V6-00293, Article No. 434026



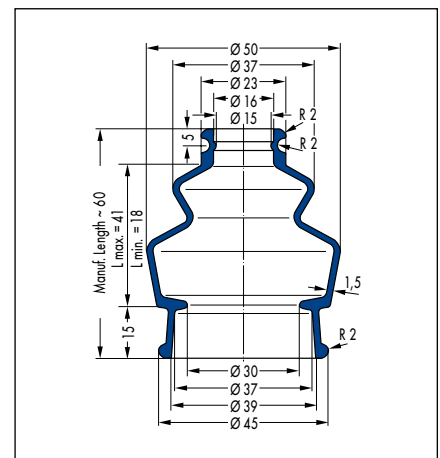
V6-00013, Article No. 438211



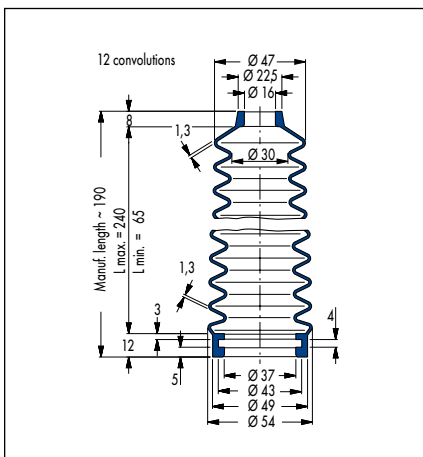
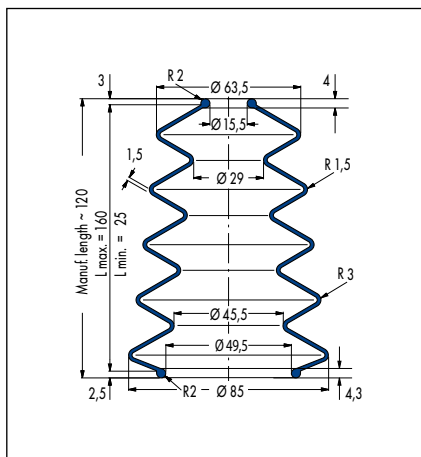
V6-00586, Article No. 431276



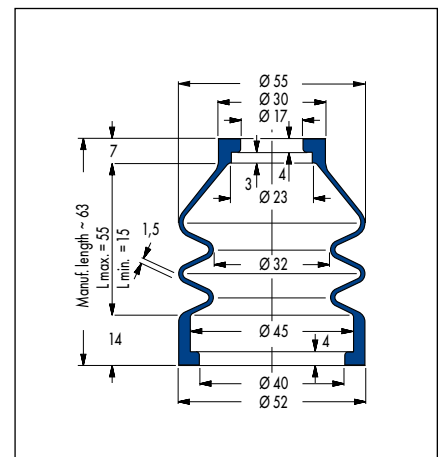
V6-00639, Article No. 400785



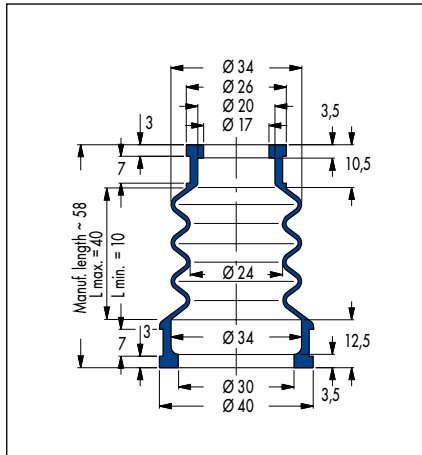
V6-00282, Article No. 440305

V6-00404, Article No. 428849 (CR)/  
428851 (NBR)

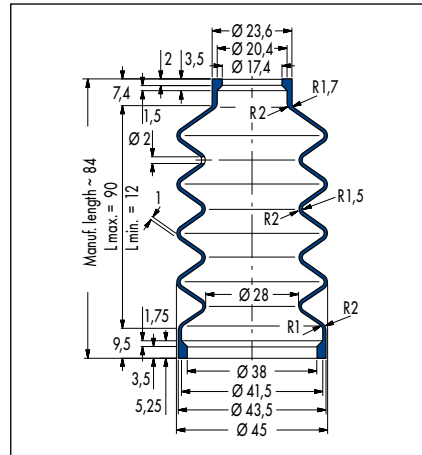
V6-00610, Article No. 426375



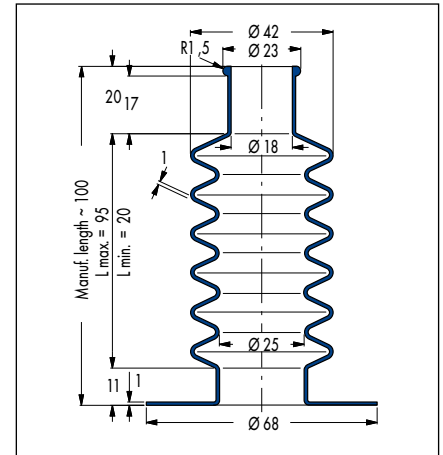
V6-00221, Article No. 428830



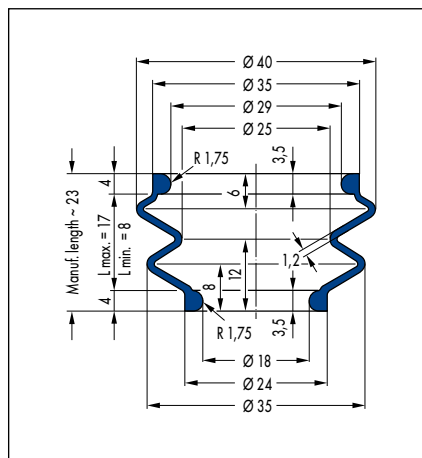
V6-00076, Article No. 433980



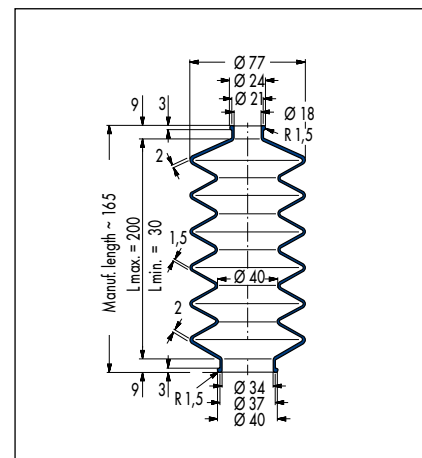
V6-00347, Article No. 501252



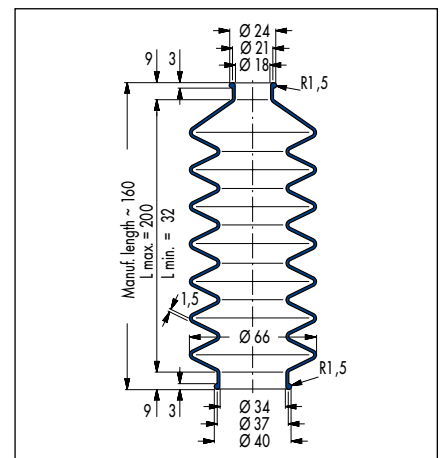
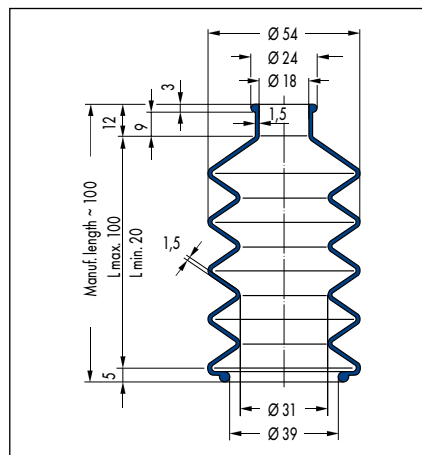
V6-00713, Article No. 431525



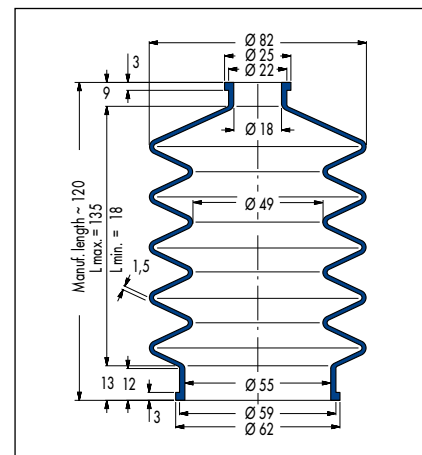
V6-01556, Article No. 432591



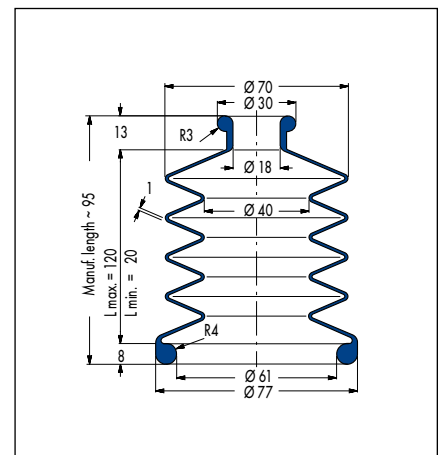
V6-00531, Article No. 453728

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

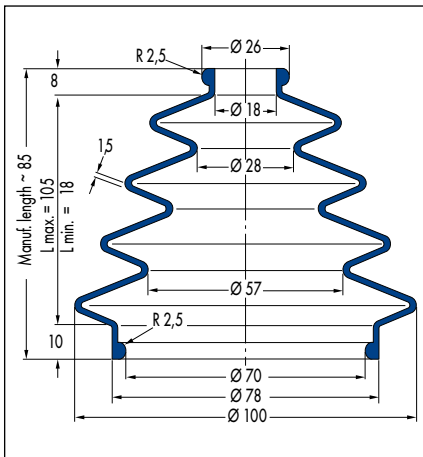
V6-00828, Article No. 11520



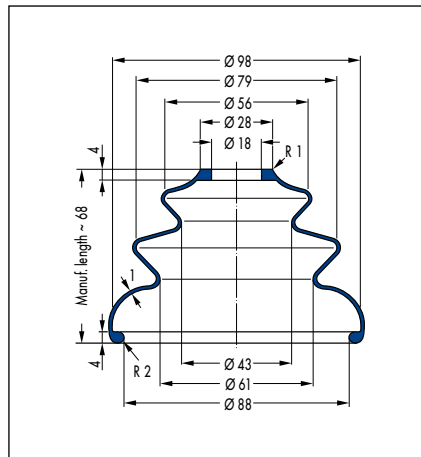
V6-00075, Article No. 439195



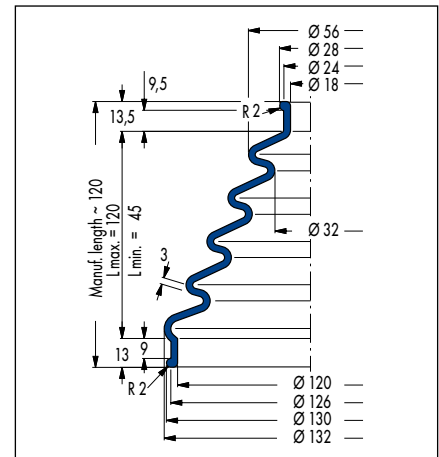
V6-00313, Article No. 440315



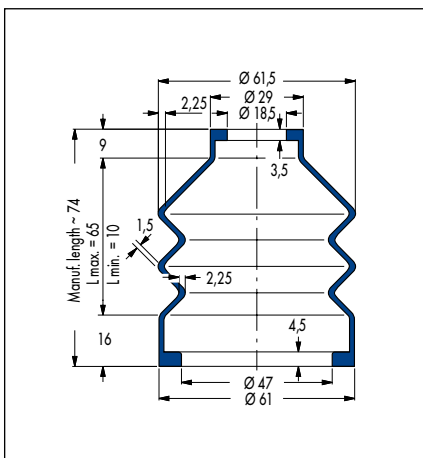
V6-00791, Article No. 426798



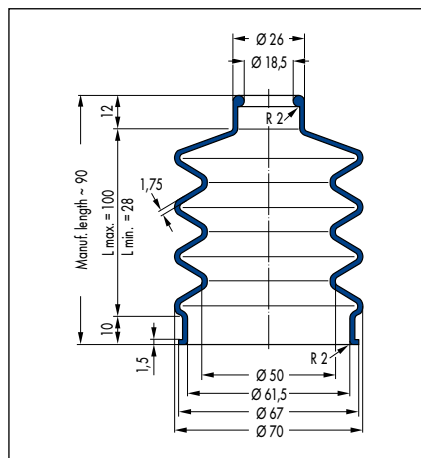
V6-00942, Article No. 450411



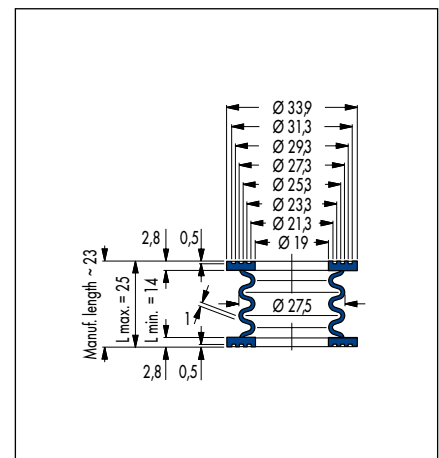
V6-00575, Article No. 29752



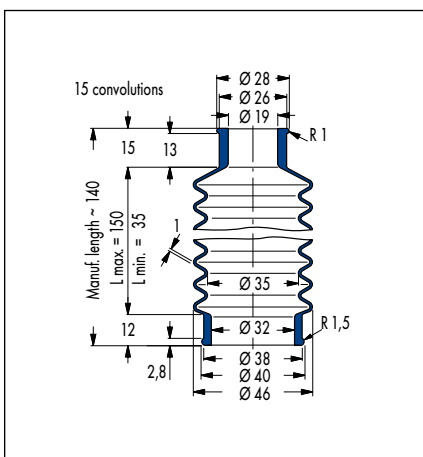
V6-00203, Article No. 49312517



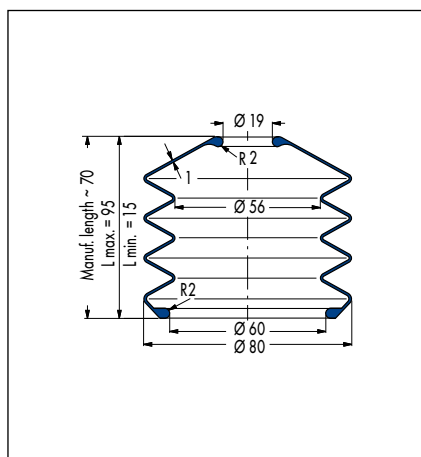
V6-00843, Article No. 432191



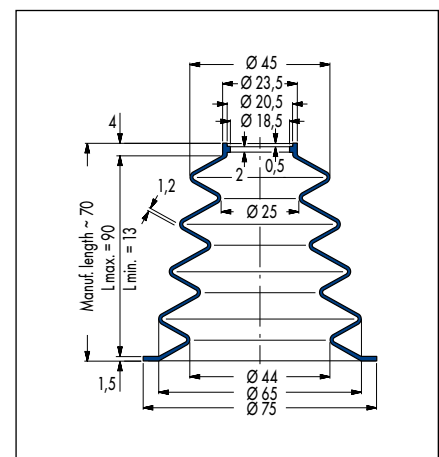
V6-00383, Article No. 430846

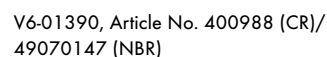
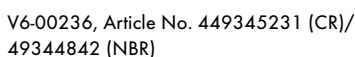
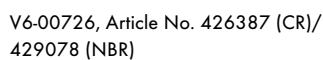


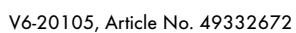
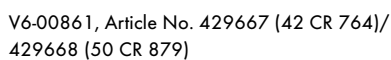
V6-00679, Article No. 426799

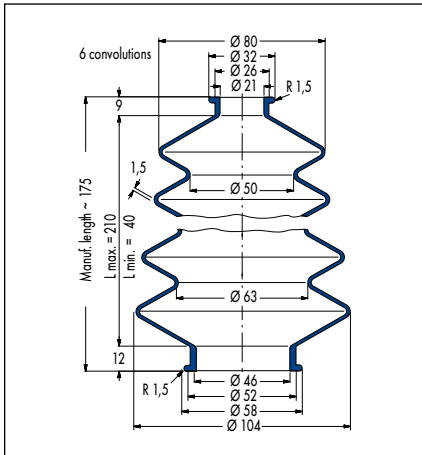


V6-00565, Article No. 434030

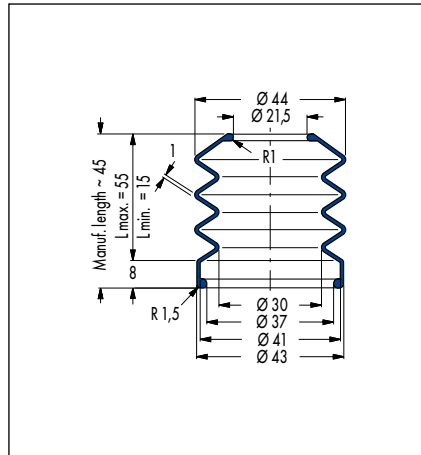
V6-00714, Article No. 427269 (42 CR 764)/  
427271 (45 NBR 670)



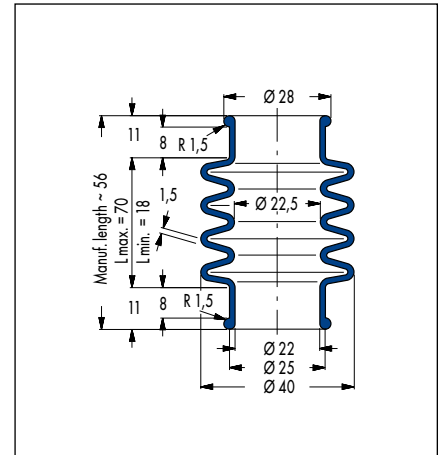




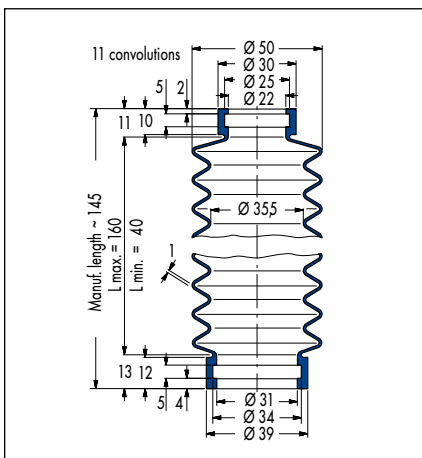
V6-00365, Article No. 431649



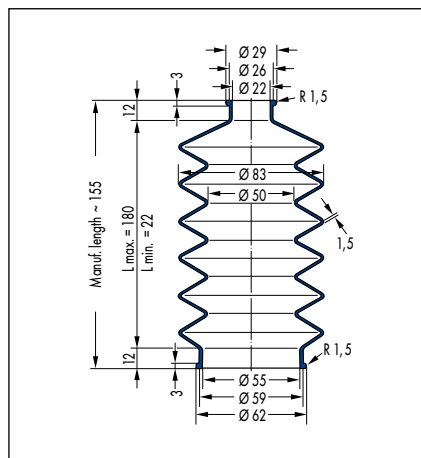
V6-00570, Article No. 436744



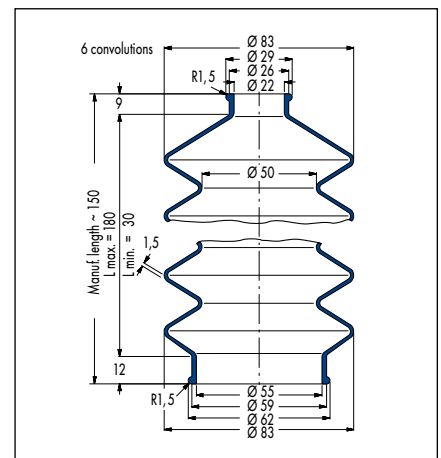
V6-00227, Article No. 439167



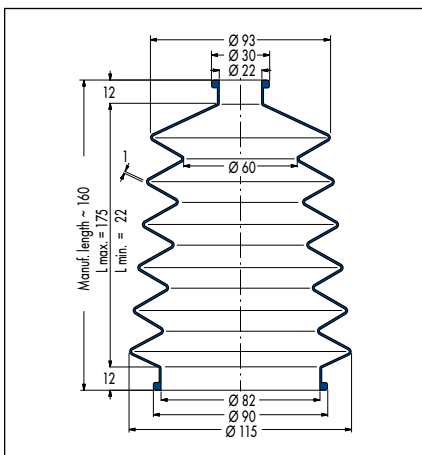
V6-00273, Article No. 426370



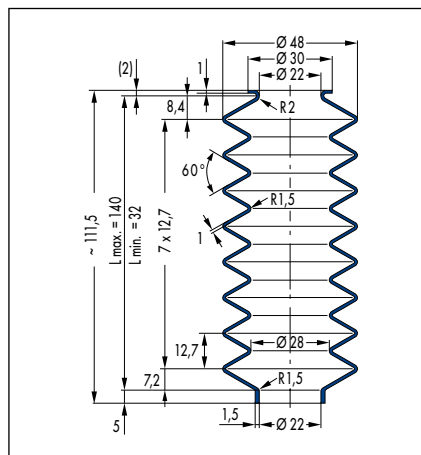
V6-00490, Article No. 457774



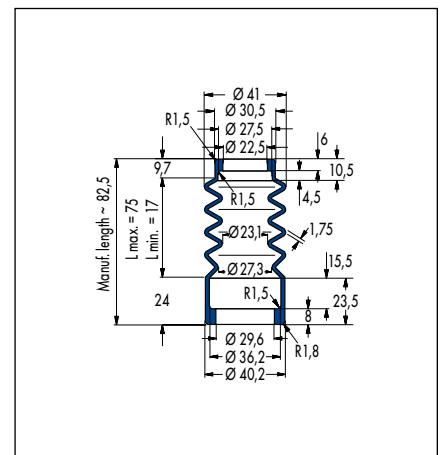
V6-00095, Article No. 438519



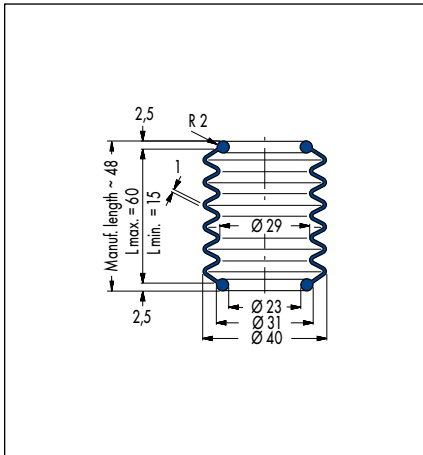
V6-00212, Article No. 439178



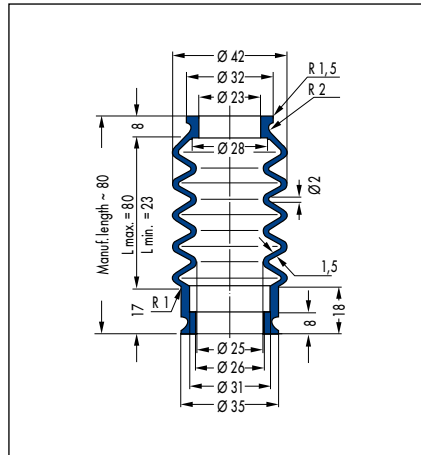
V6-01800, Article No. 49365011



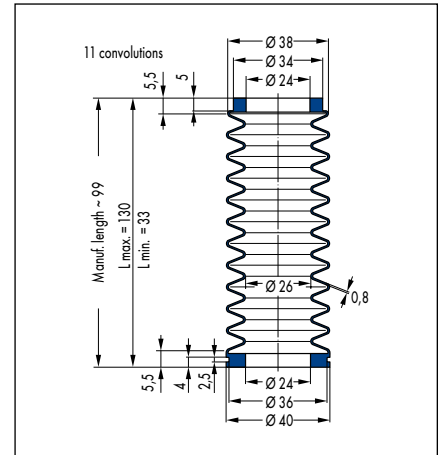
V6-00264, Article No. 49322223



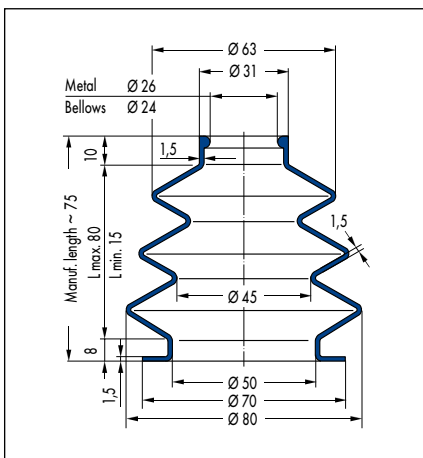
V6-00773, Article No. 435481



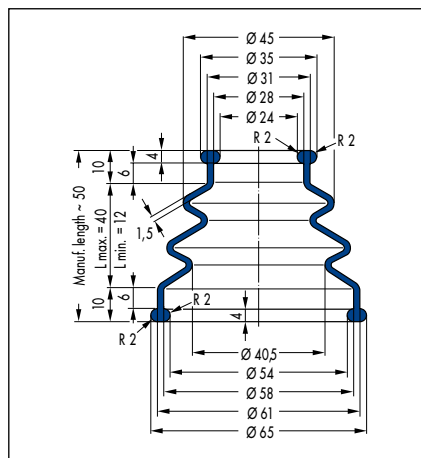
V6-00234, Article No. 440348



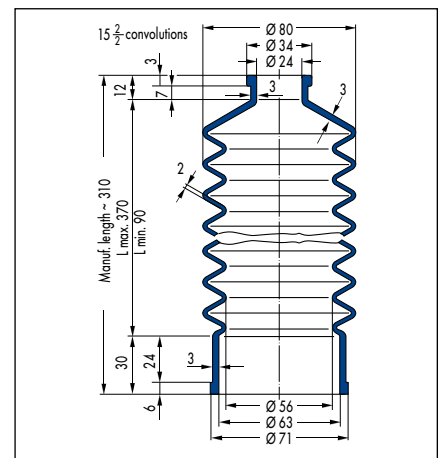
V6-20044, Article No. 384441



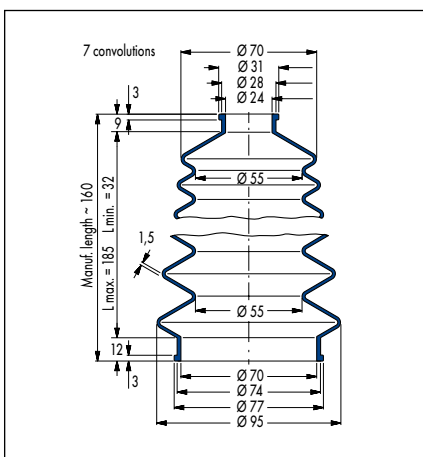
V6-00826, Article No. 456489



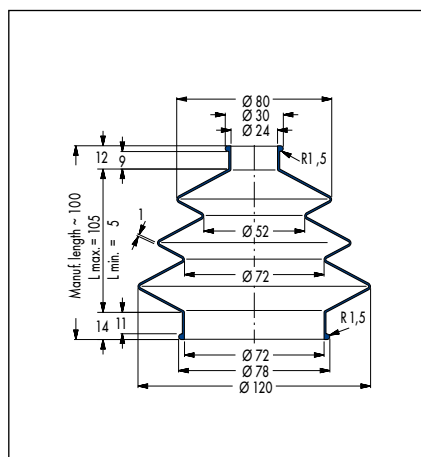
V6-00851, Article No. 457841



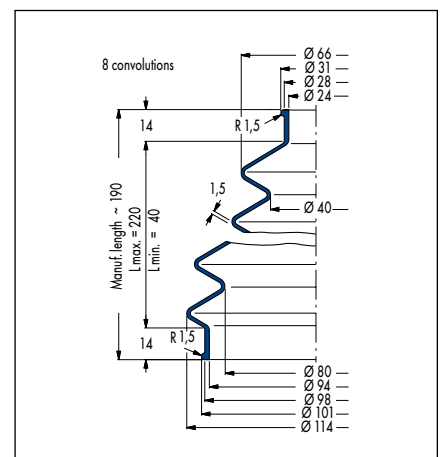
V6-00738, Article No. 60037192



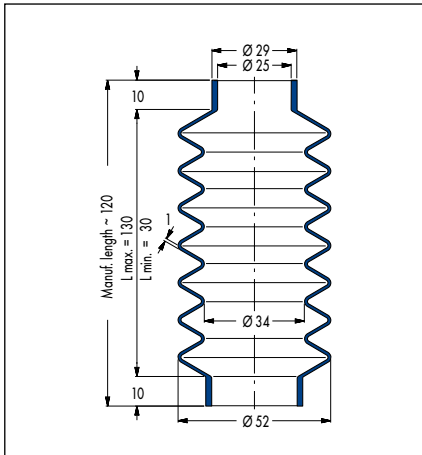
V6-00069, Article No. 49312525



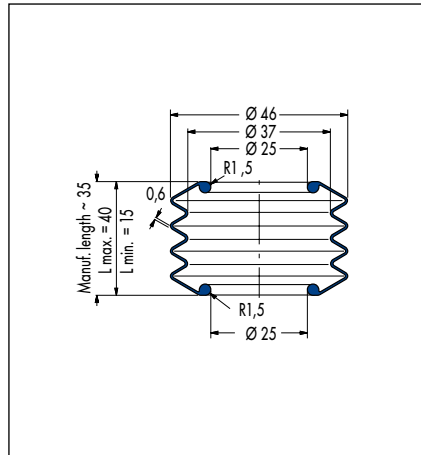
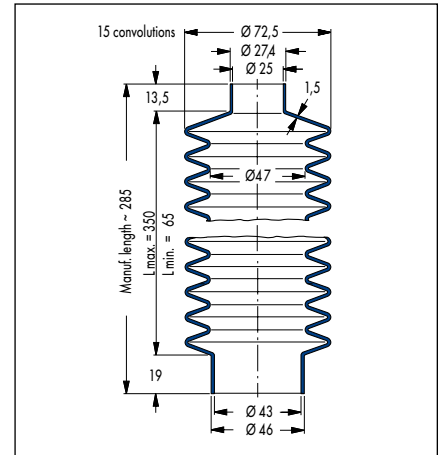
V6-00604, Article No. 436936



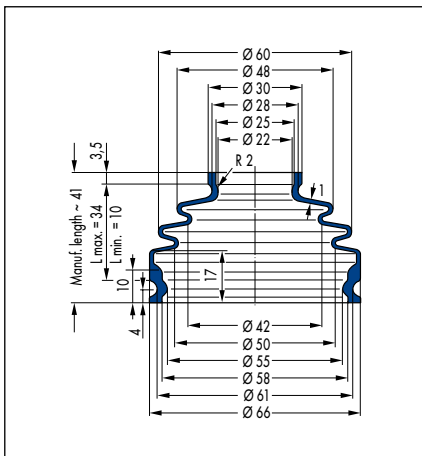
V6-00530, Article No. 427267



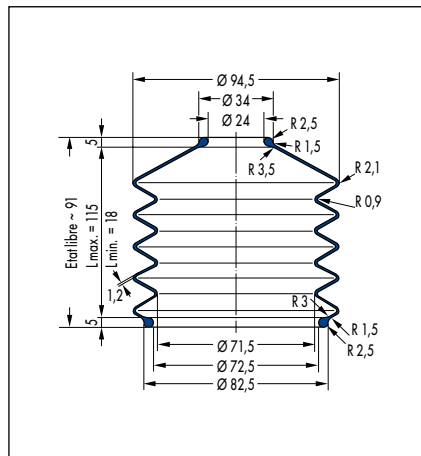
V6-00416, Article No. 434015

V6-00462, Article No. 440279 (CR)/  
440283 (NBR)

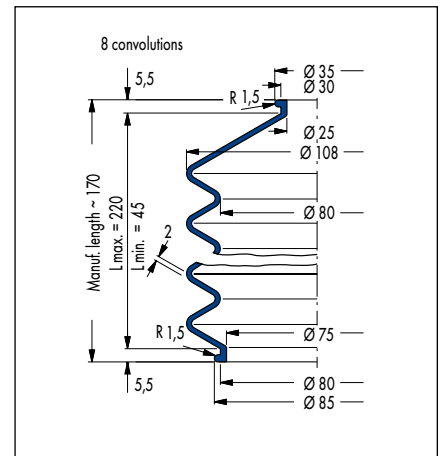
V6-00059, Article No. 49312510



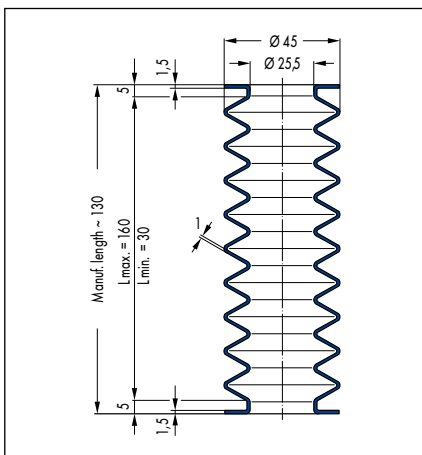
V6-00997, Article No. 451314



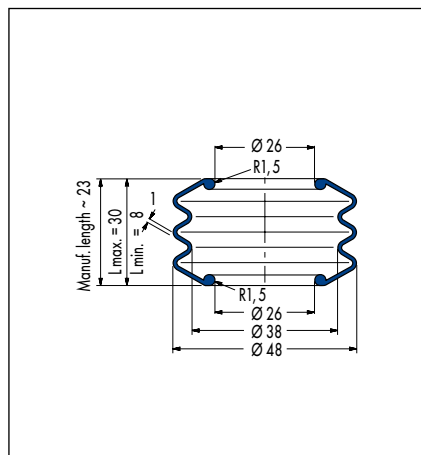
V6-00583, Article No. 457502



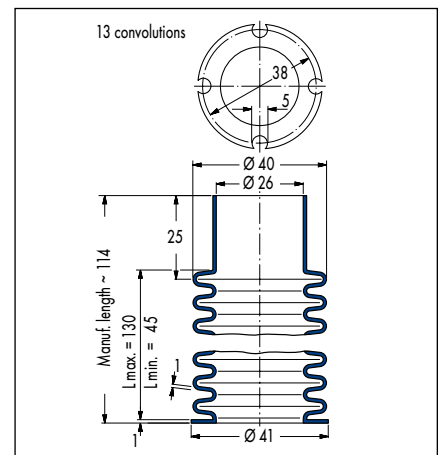
V6-00251, Article No. 435518



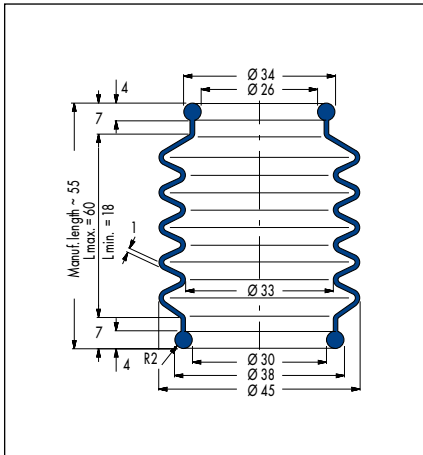
V6-00966, Article No. 350974



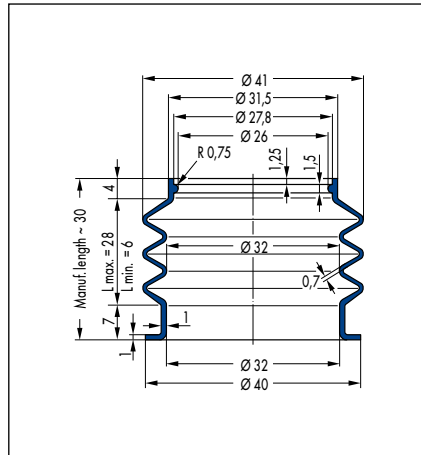
V6-00127, Article No. 432585



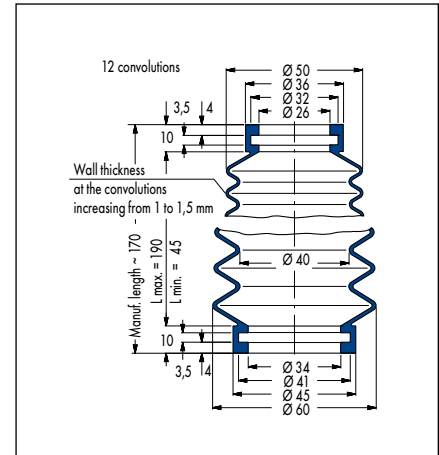
V6-00200, Article No. 438022



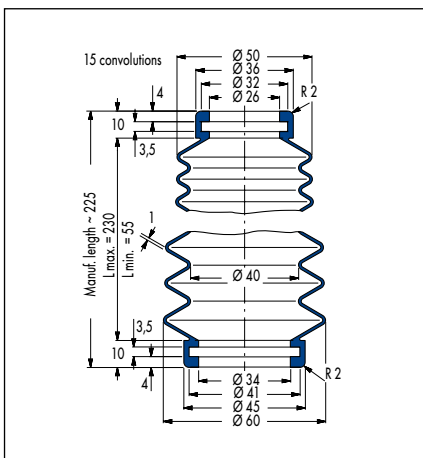
V6-00592, Article No. 426382



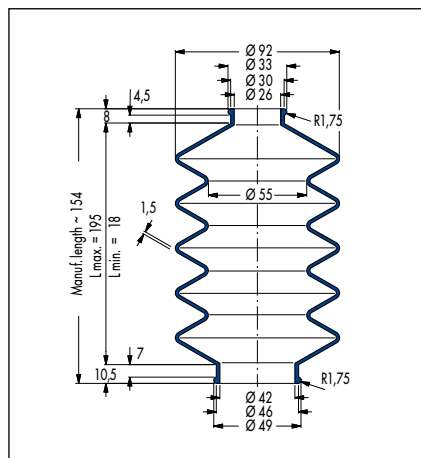
V6-00835, Article No. 452564



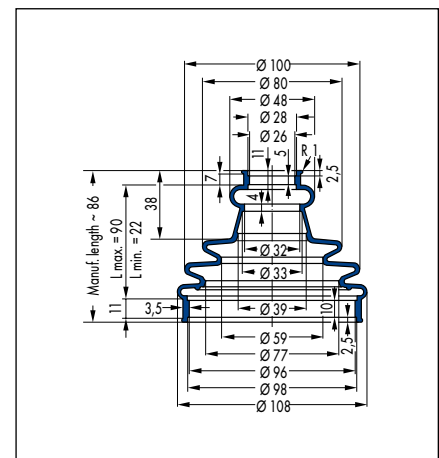
V6-00292, Article No. 436699



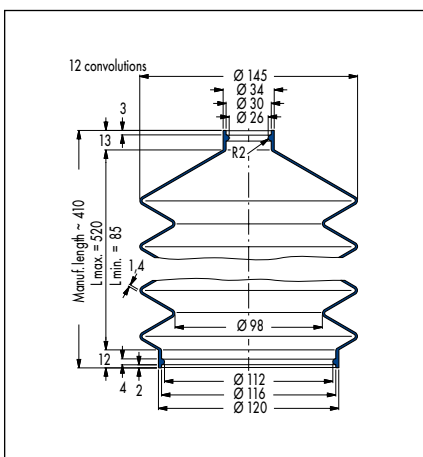
V6-00401, Article No. 440291



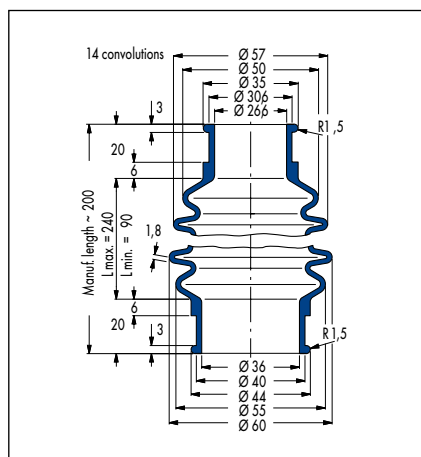
V6-00079, Article No. 431867



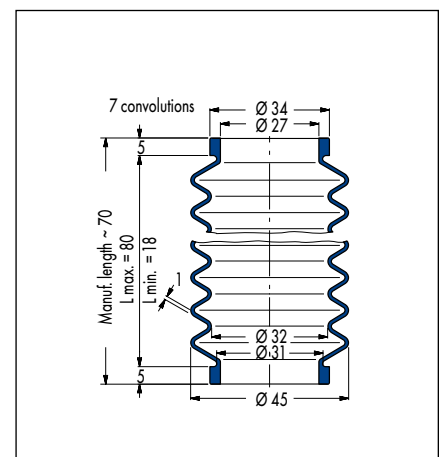
V6-01755, Article No. 451384



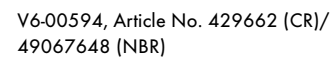
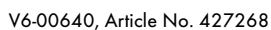
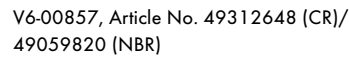
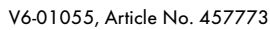
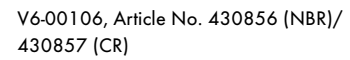
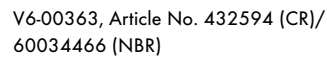
V6-01156, Article No. 454245

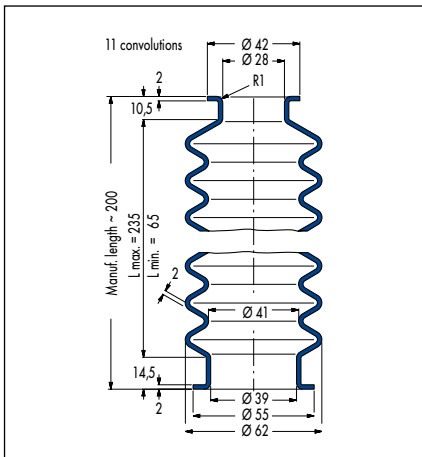


V6-00324, Article No. 440316

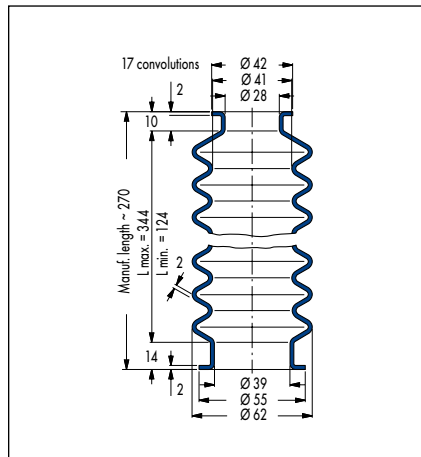


V6-00290, Article No. 432590

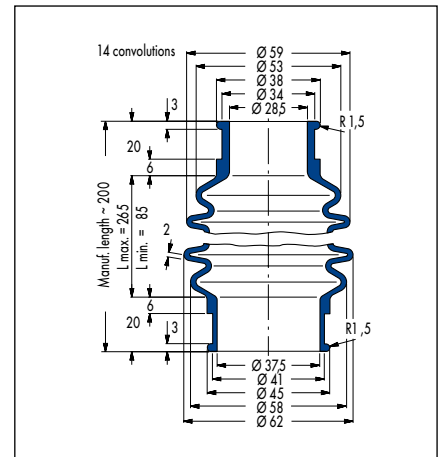




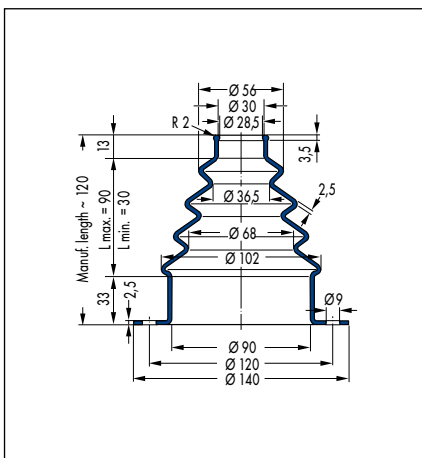
V6-00755, Article No. 451312



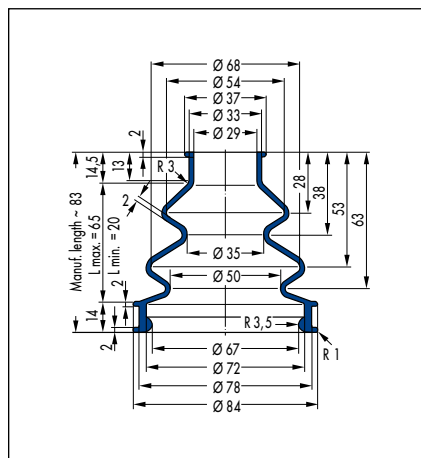
V6-00201, Article No. 49312542



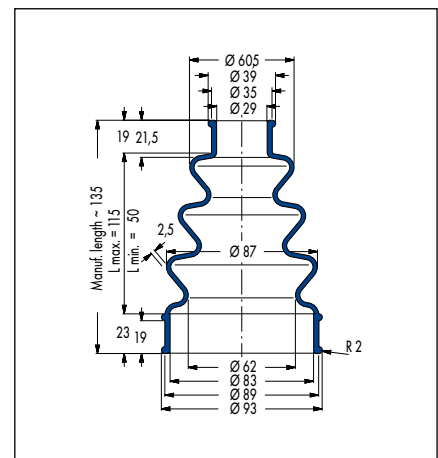
V6-00325, Article No. 426794



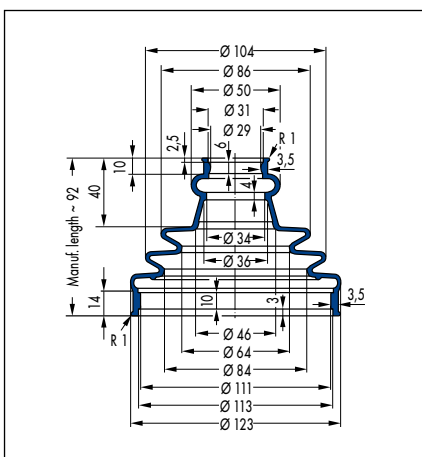
V6-00475, Article No. 400708



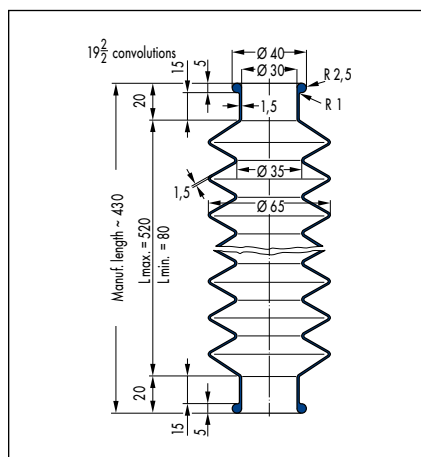
V6-01023, Article No. 454488



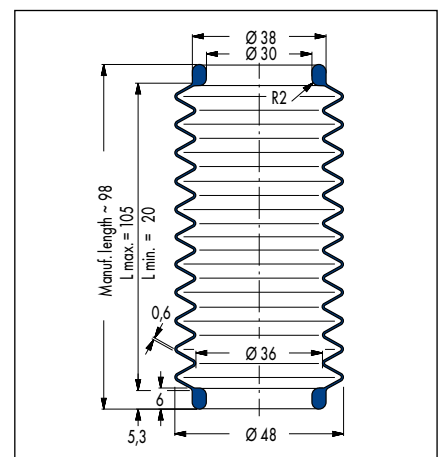
V6-00384, Article No. 440317



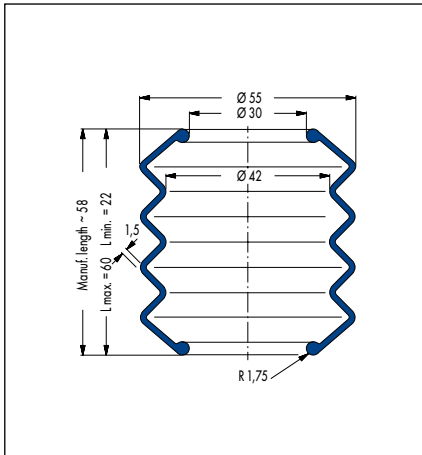
V6-01754, Article No. 451337



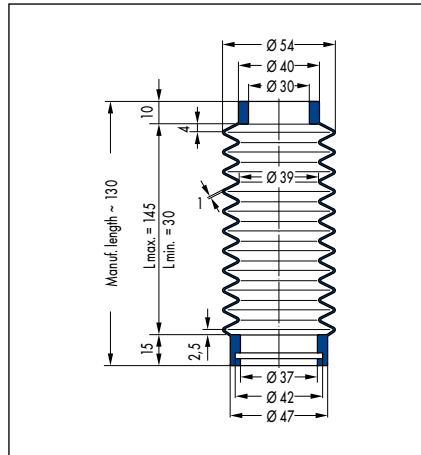
V6-00589, Article No. 15267



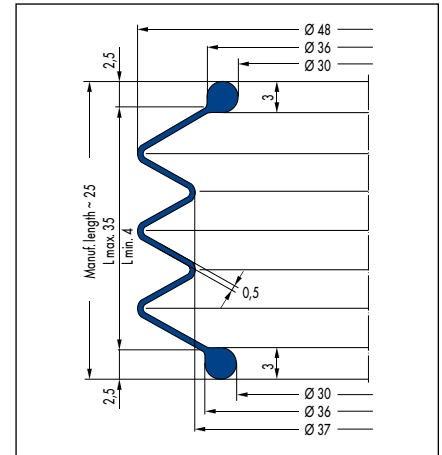
V6-00904, Article No. 375419



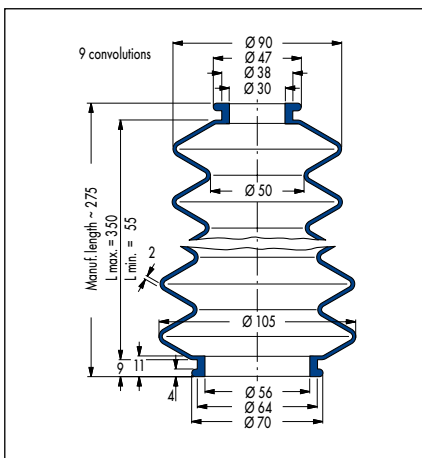
V6-00422, Article No. 428310



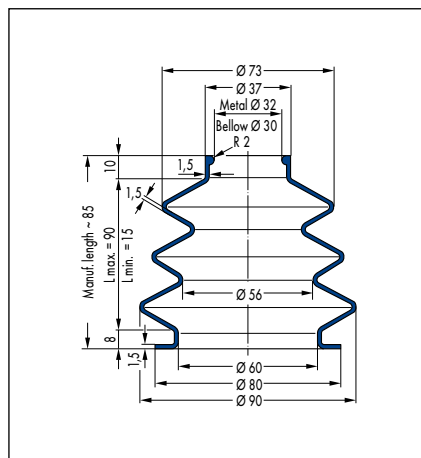
V6-00824, Article No. 368141



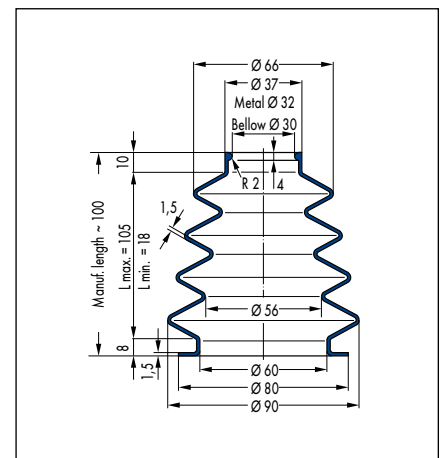
V6-00720, Article No. 400804



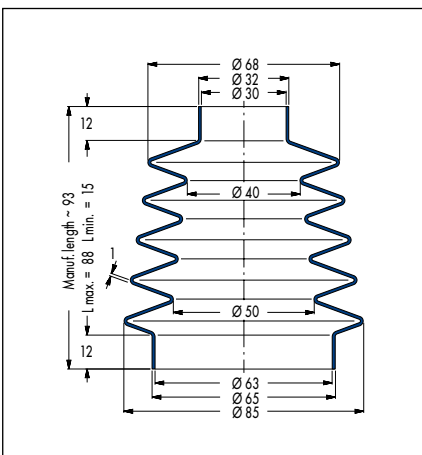
V6-00456, Article No. 49312336



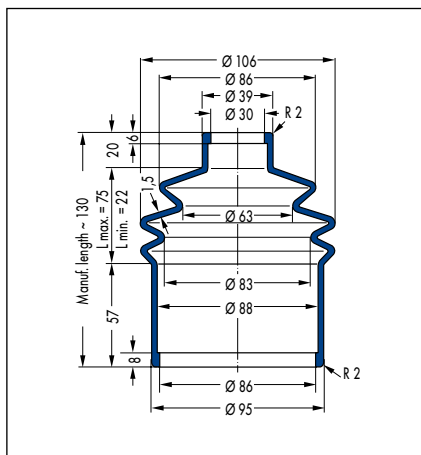
V6-00805, Article No. 365839



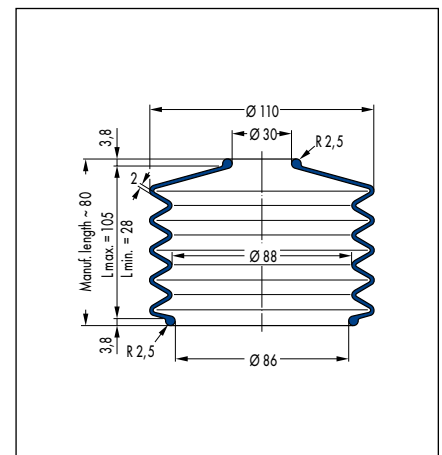
V6-00827, Article No. 355702



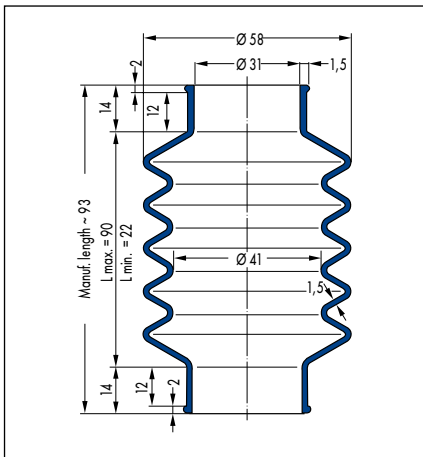
V6-01329, Article No. 60305



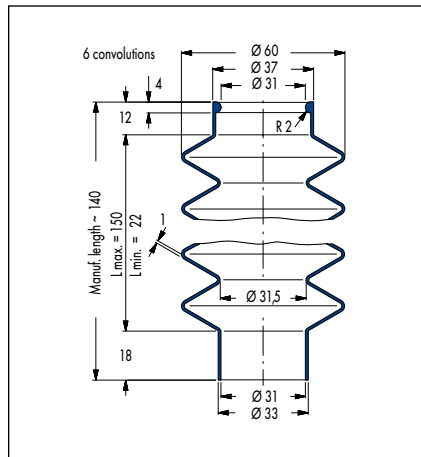
V6-00314, Article No. 451741



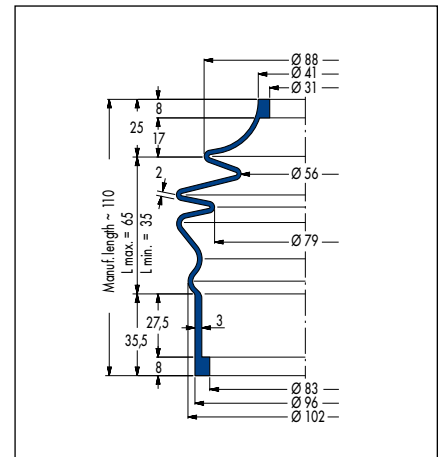
V6-00903, Article No. 438936



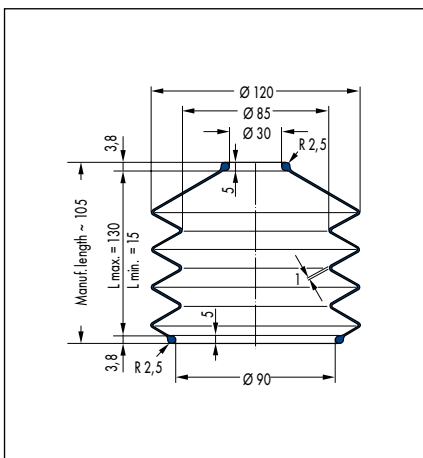
V6-00448, Article No. 122870 (50 CR 879)/  
49046170 (60 CR 176307)



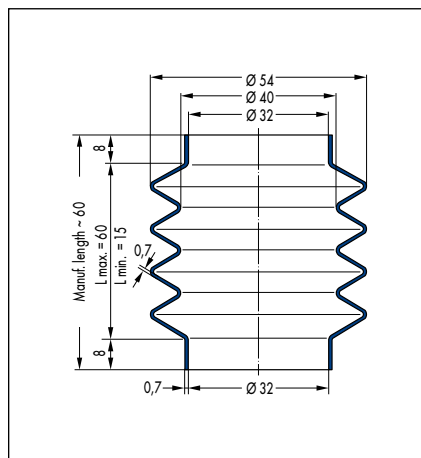
V6-00603, Article No. 438548



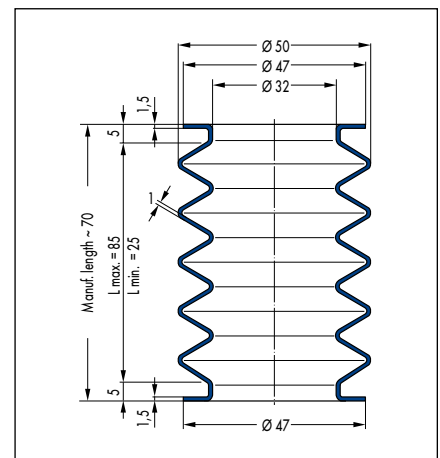
V6-00206, Article No. 428315



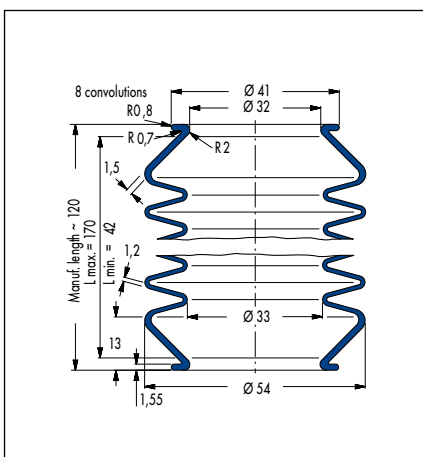
V6-00584, Article No. 375144



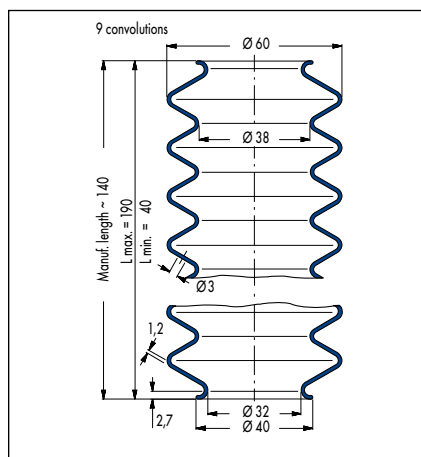
V6-01236, Article No. 436913



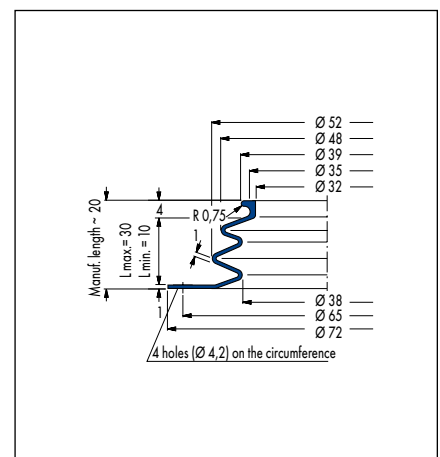
V6-00965, Article No. 453784



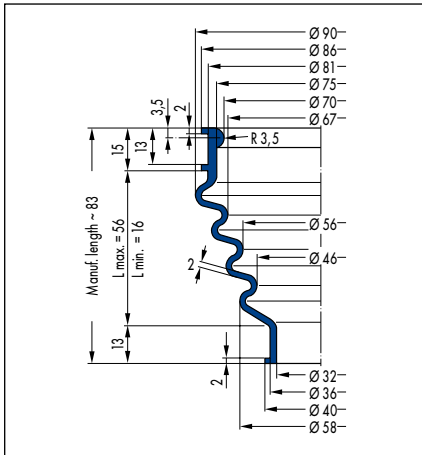
V6-00209, Article No. 439186



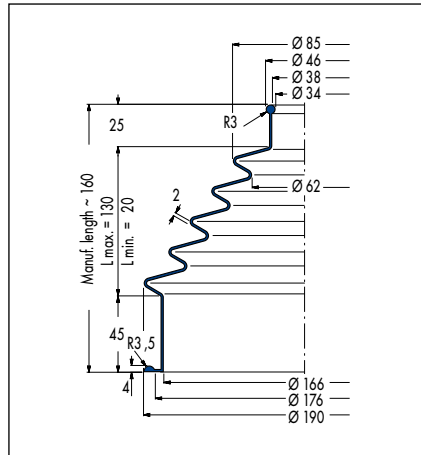
V6-00407, Article No. 428832



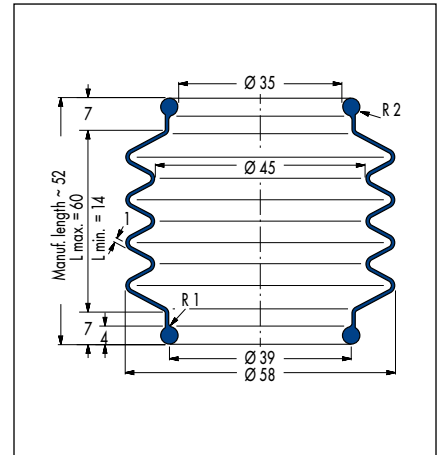
V6-00736, Article No. 426374



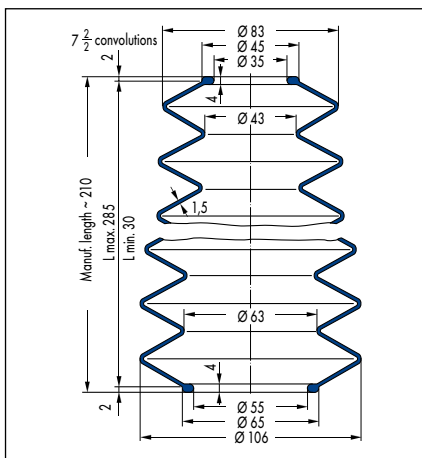
V6-01431, Article No. 454267



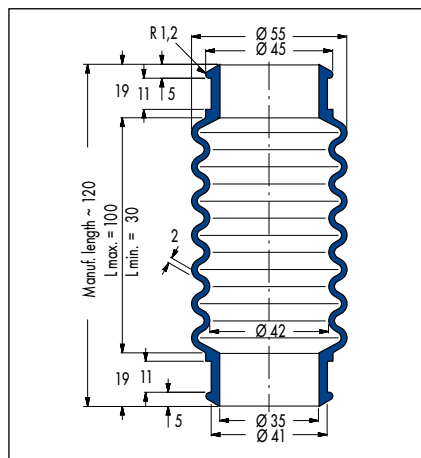
V6-00925, Article No. 454474



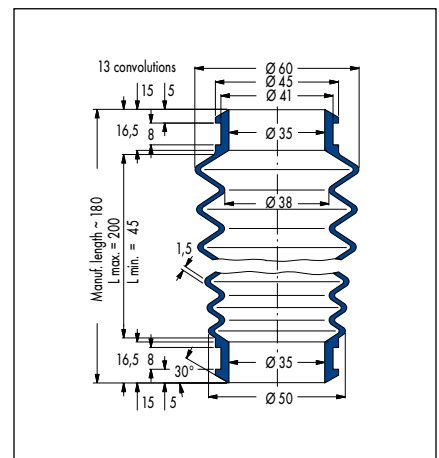
V6-00659, Article No. 424147



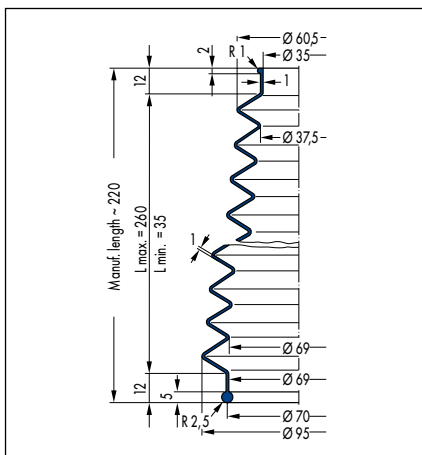
V6-00652, Article No. 457563



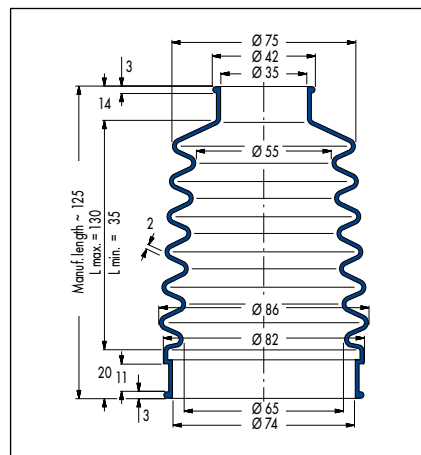
V6-00281, Article No. 427264



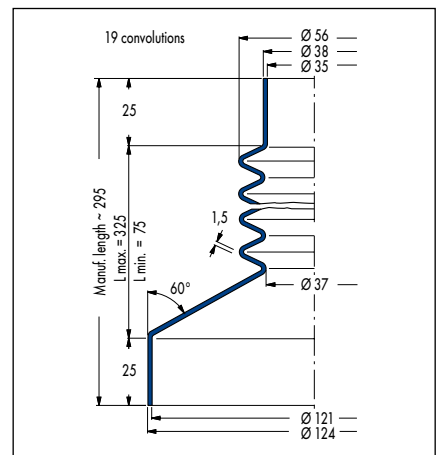
V6-00266, Article No. 429647



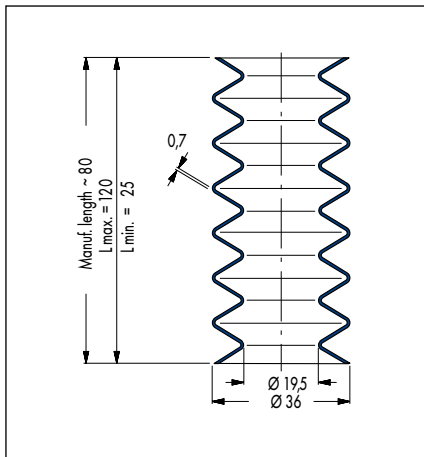
V6-01080, Article No. 457509



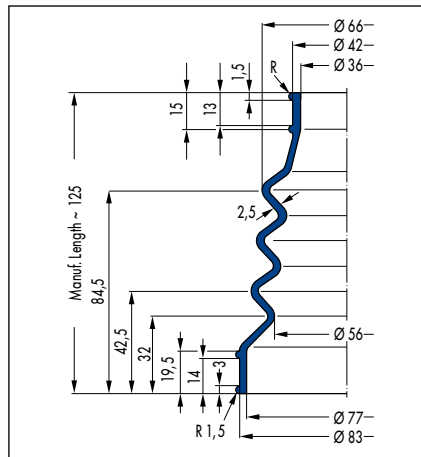
V6-00654, Article No. 49312608



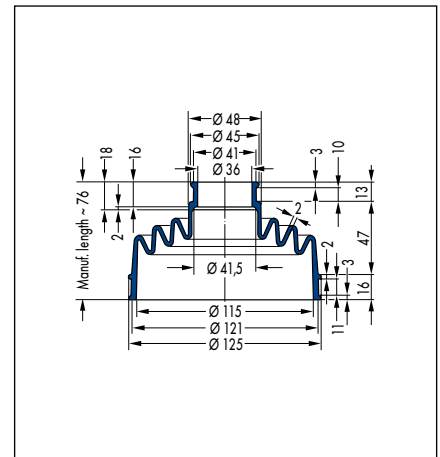
V6-00117, Article No. 29288



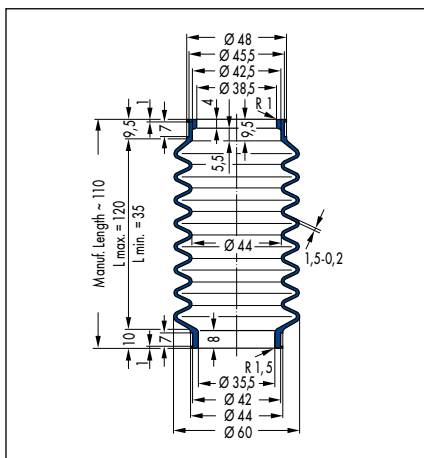
V6-00053, Article No. 435517



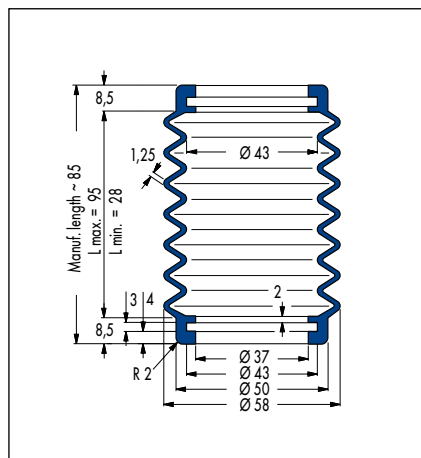
V6-01449, Article No. 152544



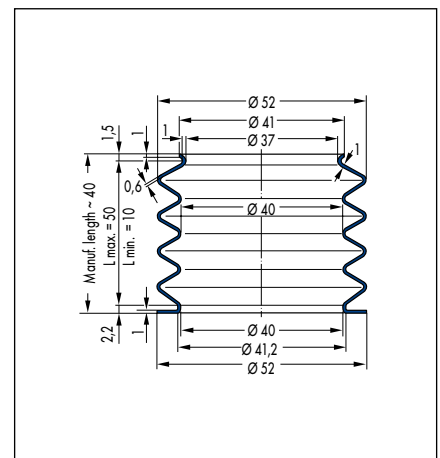
V6-00419, Article No. 507686



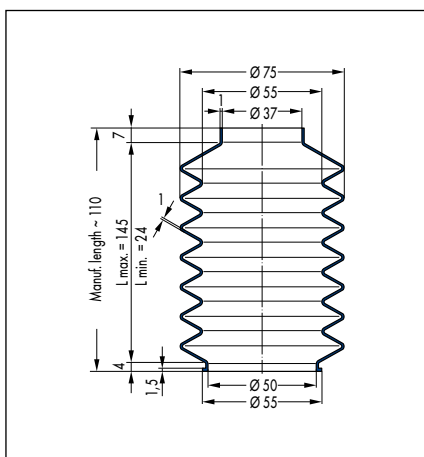
V6-00204, Article No. 439168



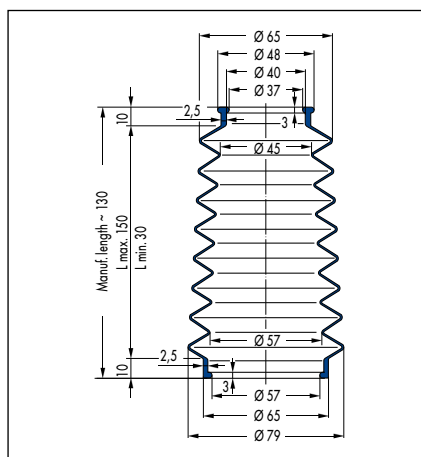
V6-00308, Article No. 427265



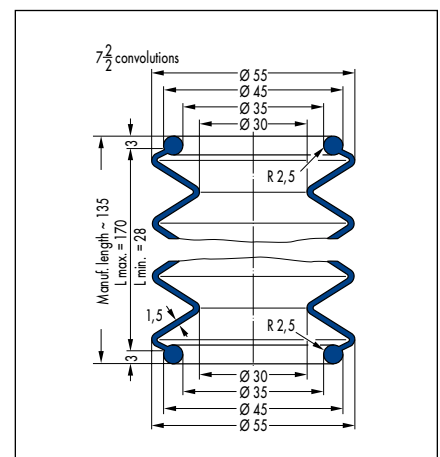
V6-00467, Article No. 456485



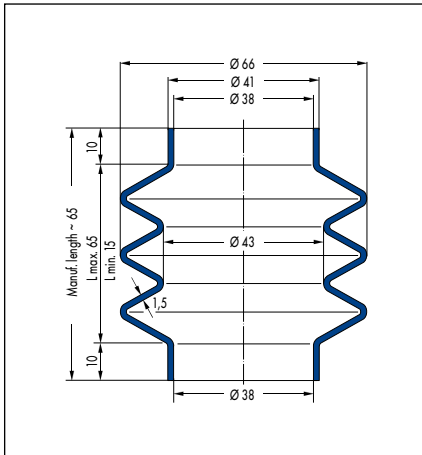
V6-00790, Article No. 29965



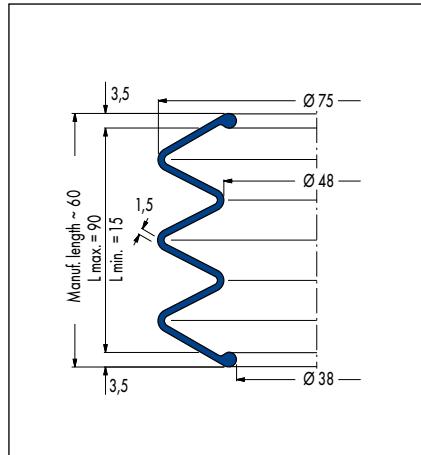
V6-00823, Article No. 400862



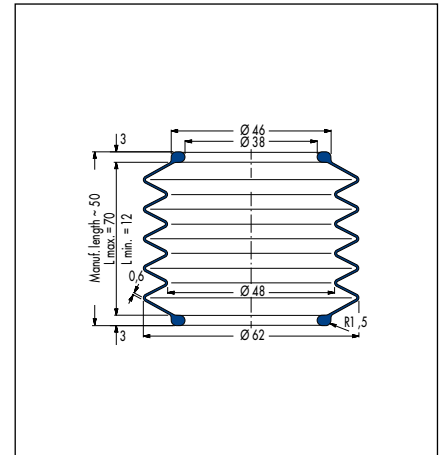
V6-00297, Article No. 501137



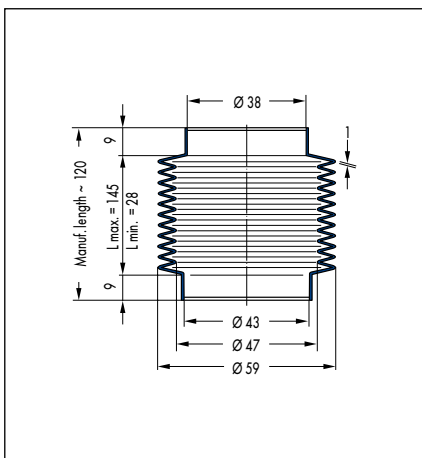
V6-00808, Article No. 439042



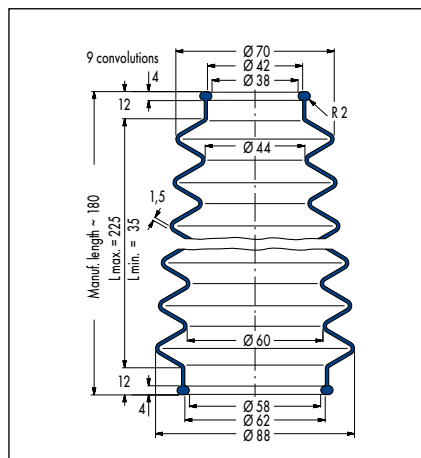
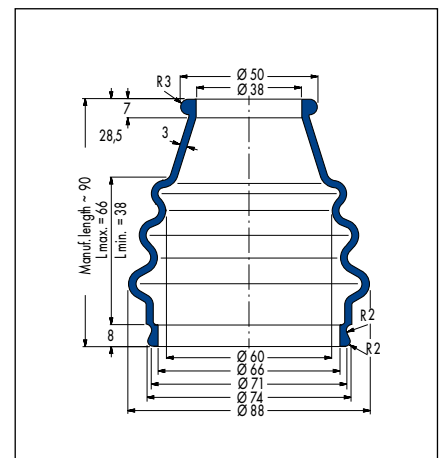
V6-00429, Article No. 431588



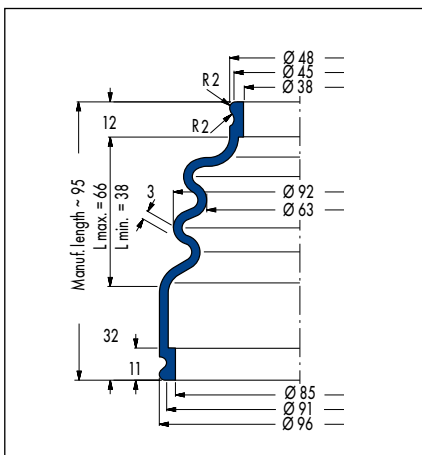
V6-00662, Article No. 49312622



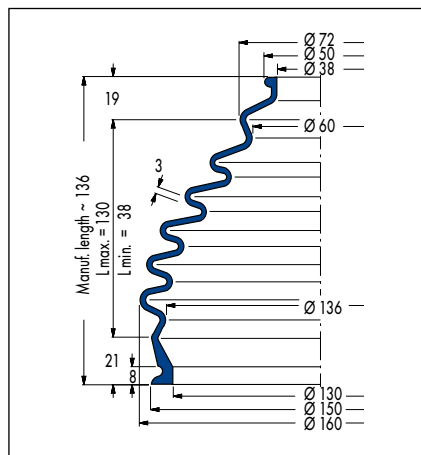
V6-00230, Article No. 439434

V6-00619, Article No. 431955 (CR)/  
431957 (NBR)

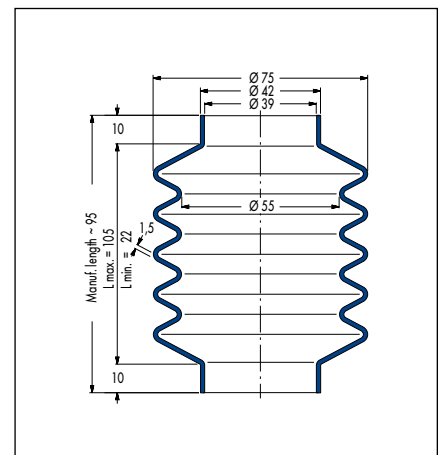
V6-00190, Article No. 438014



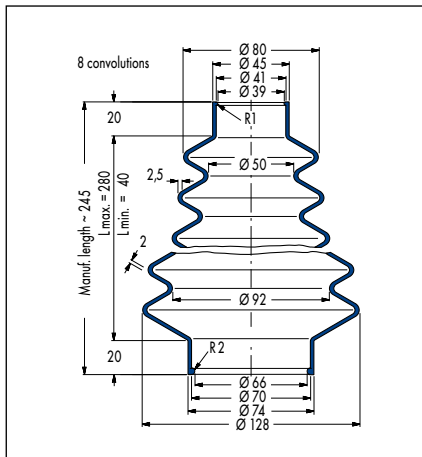
V6-00191, Article No. 428311



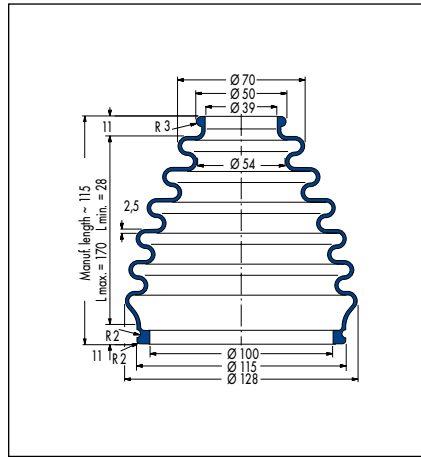
V6-00199, Article No. 438027



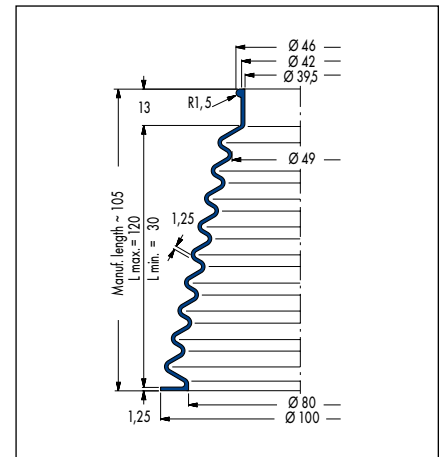
V6-00321, Article No. 429648



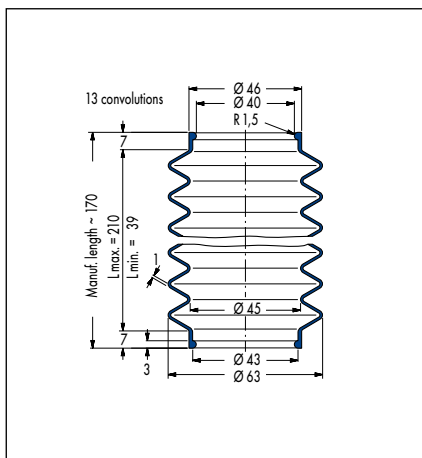
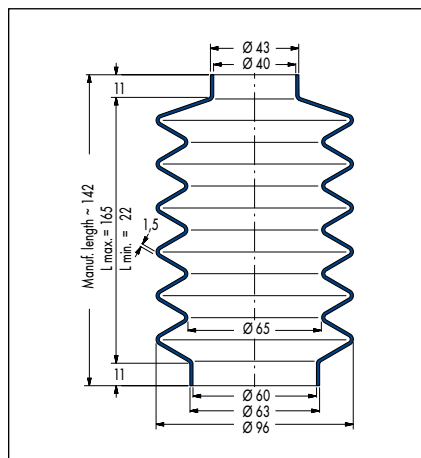
V6-00556, Article No. 29735



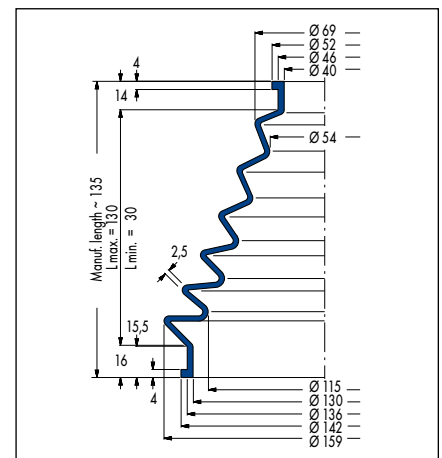
V6-00060, Article No. 428322



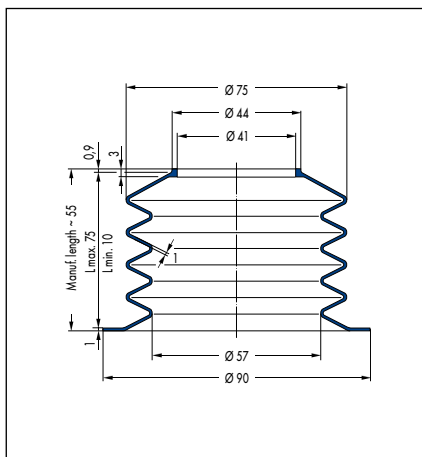
V6-00188, Article No. 49312536

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

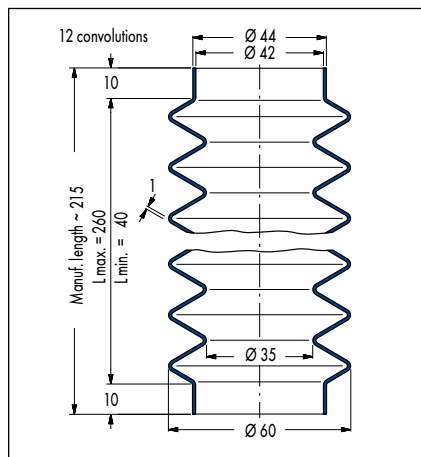
V6-00072, Article No. 434088



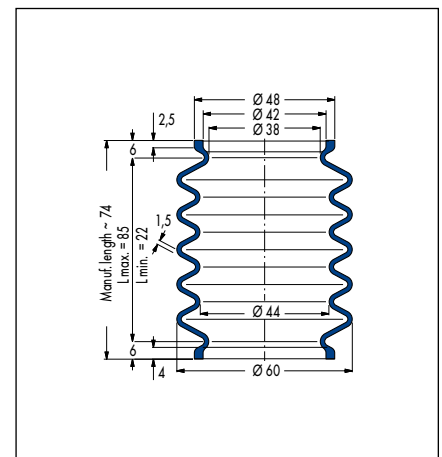
V6-00092, Article No. 434425



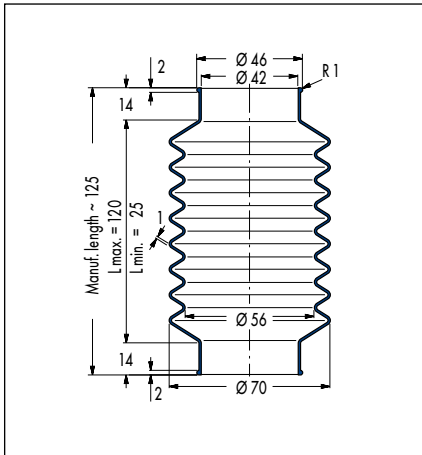
V6-00700, Article No. 153008



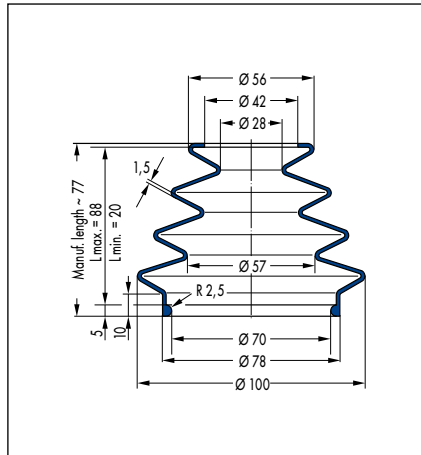
V6-00637, Article No. 438549



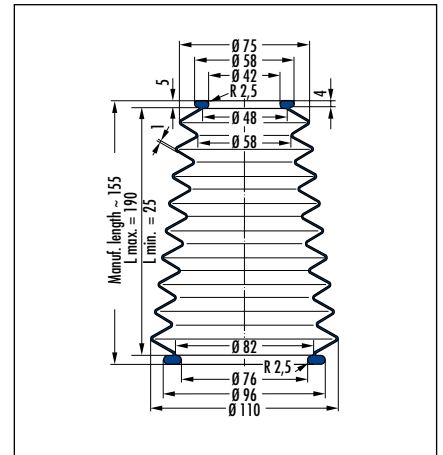
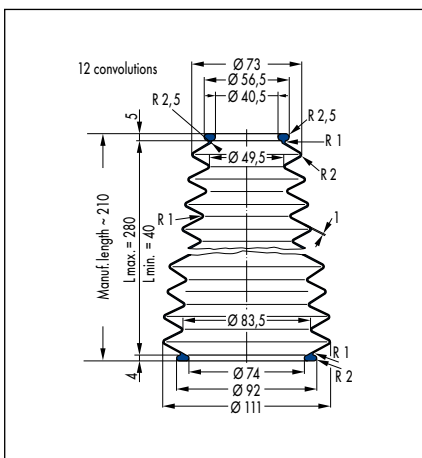
V6-00268, Article No. 432119



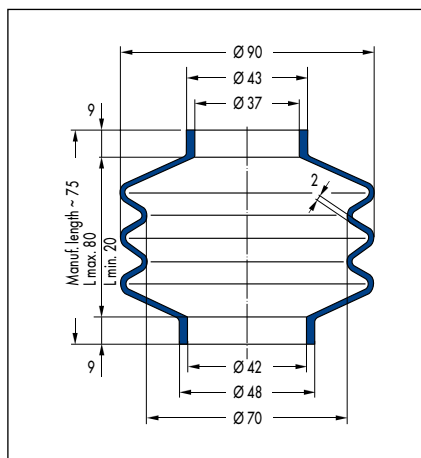
V6-00536, Article No. 426801



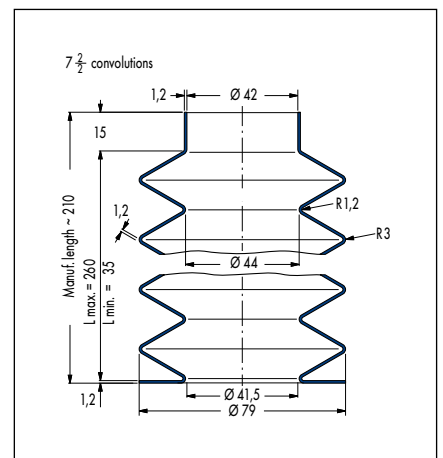
V6-20195, Article No. 501096

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

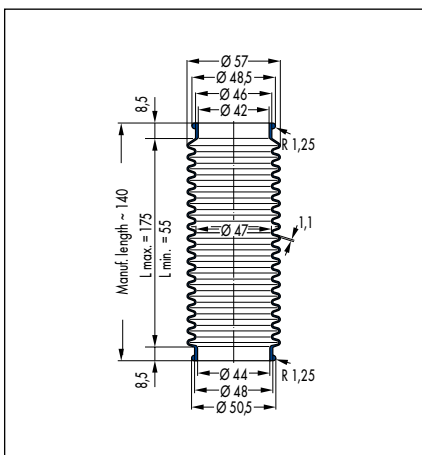
V6-00562, Article No. 29741



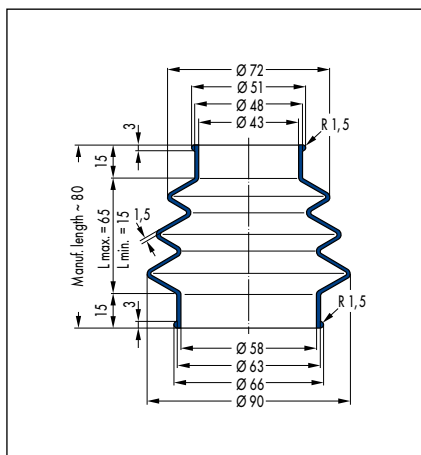
V6-01030, Article No. 400918



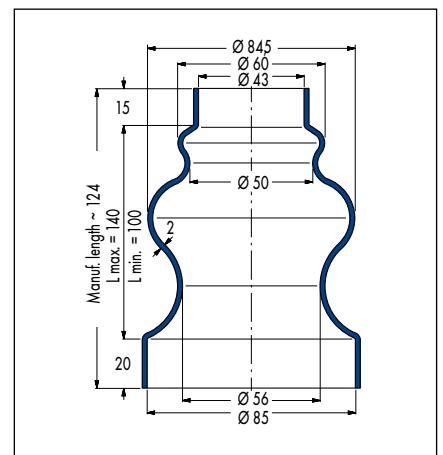
V6-00626, Article No. 437270

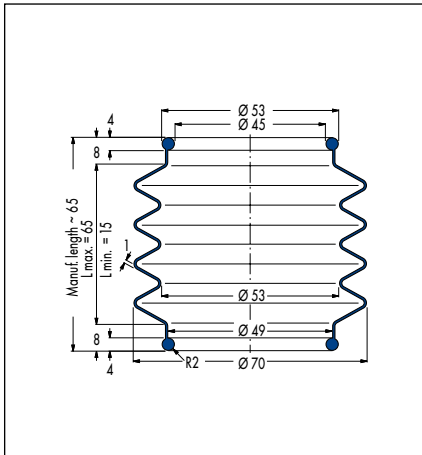


V6-00449, Article No. 456484

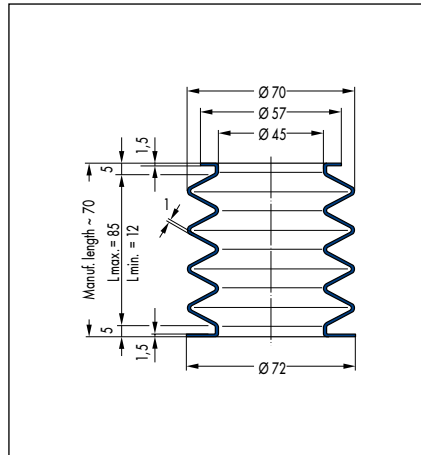


V6-00853, Article No. 465751

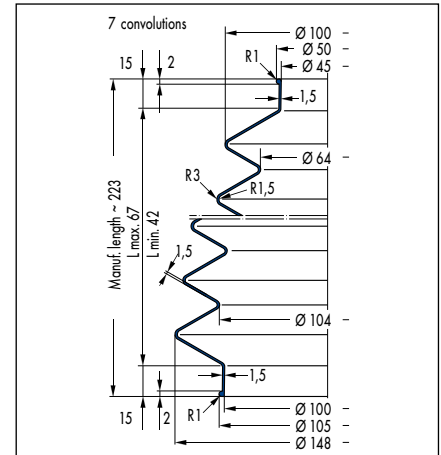
V6-00012, Article No. 426317 (42 CR 764)/  
60032051 (45 NBR 670)



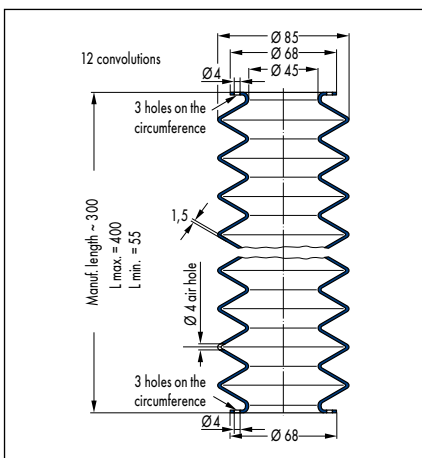
V6-00784, Article No. 432192



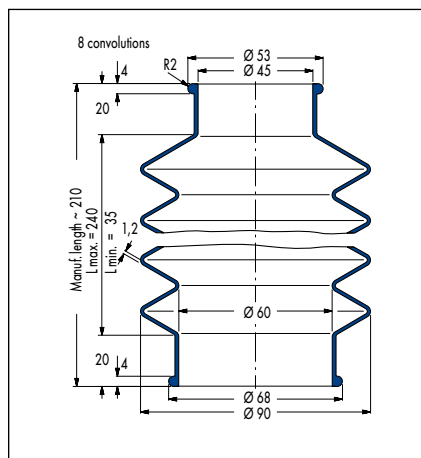
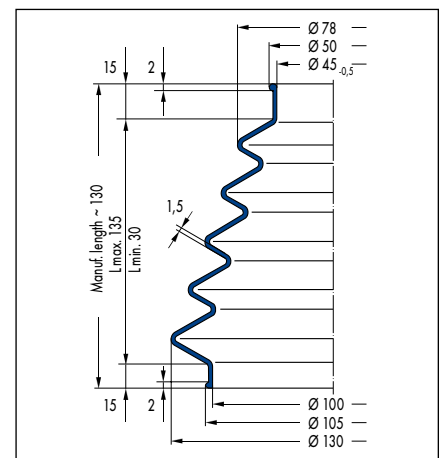
V6-00967, Article No. 89513



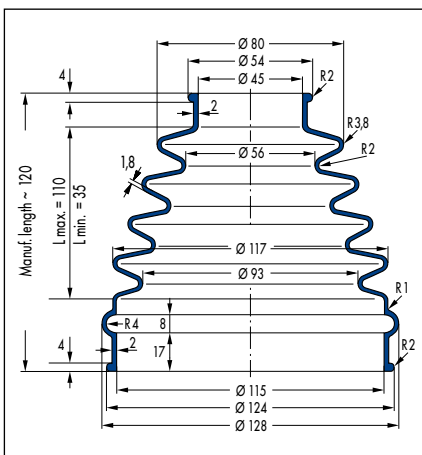
V6-01046, Article No. 400920



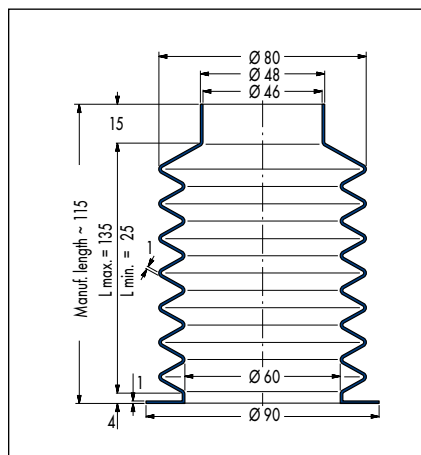
V6-01075, Article No. 400934

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

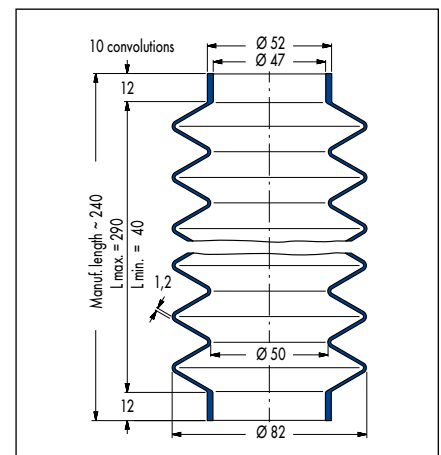
V6-01047, Article No. 454226

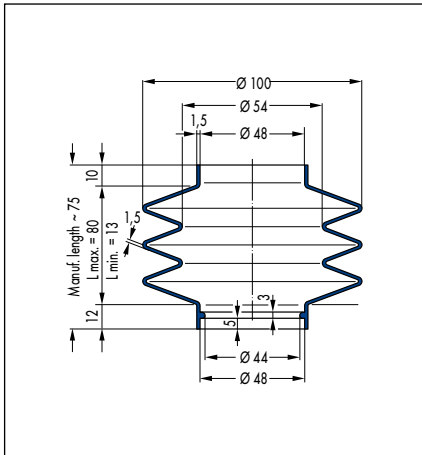


V6-00507, Article No. 452565

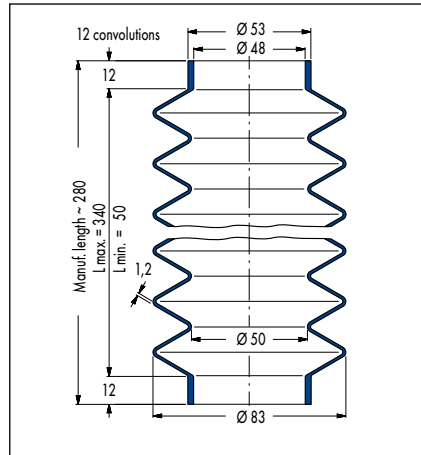


V6-00466, Article No. 430847

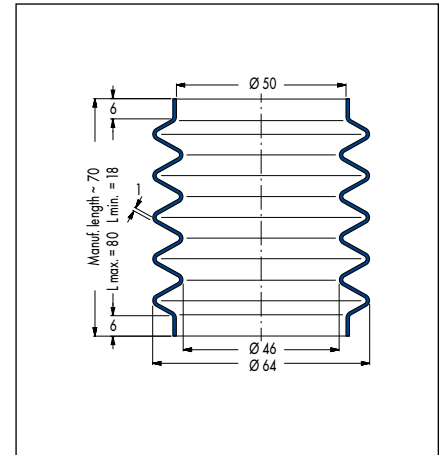
V6-01022, Article No. 49344567 (CR)/  
49344592 (NBR)



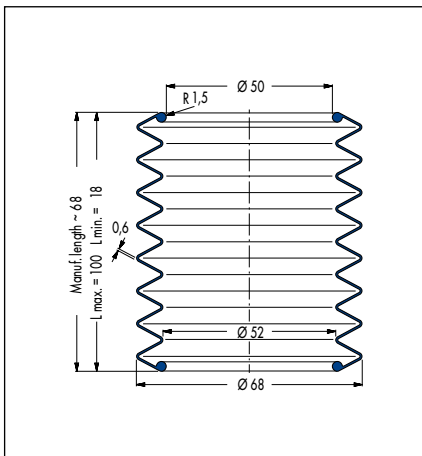
V6-01136, Article No. 425266



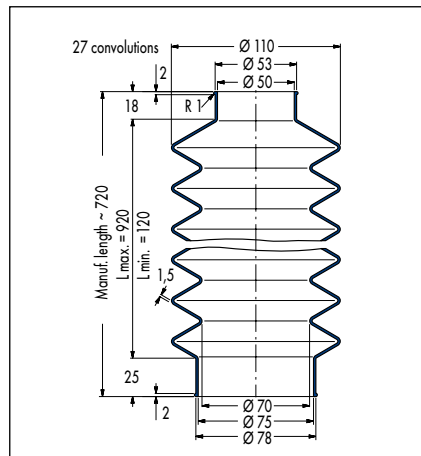
V6-01165, Article No. 454248



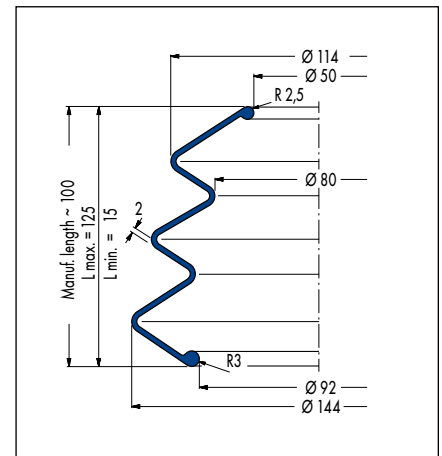
V6-00541, Article No. 25105



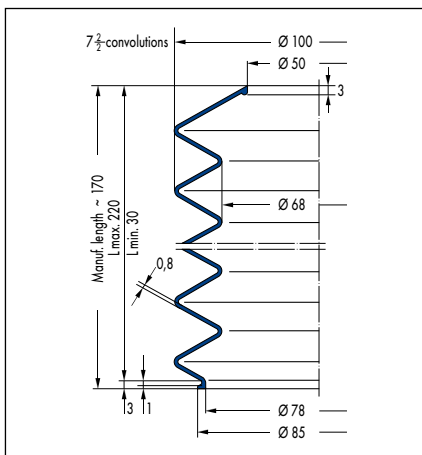
V6-00742, Article No. 426388



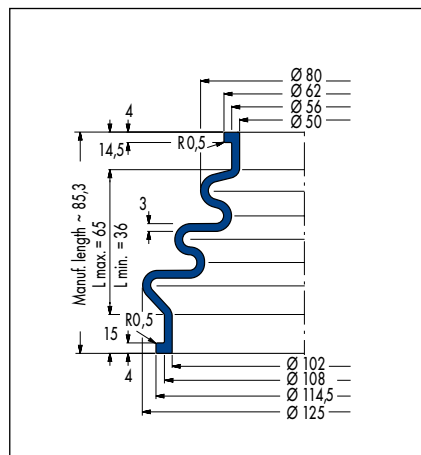
V6-00723, Article No. 29915



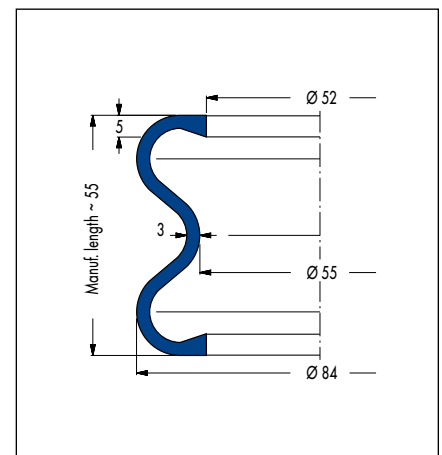
V6-00821, Article No. 25235



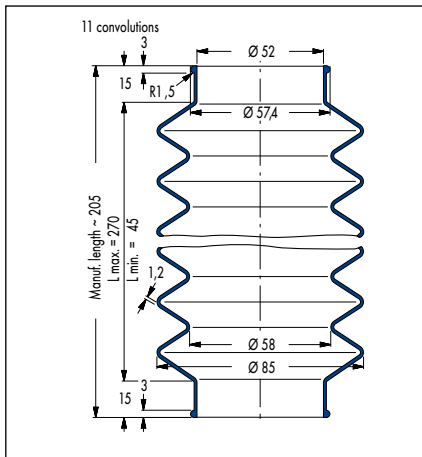
V6-01029, Article No. 20231



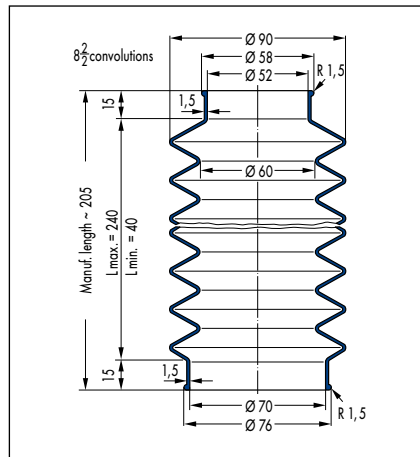
V6-00091, Article No. 456482



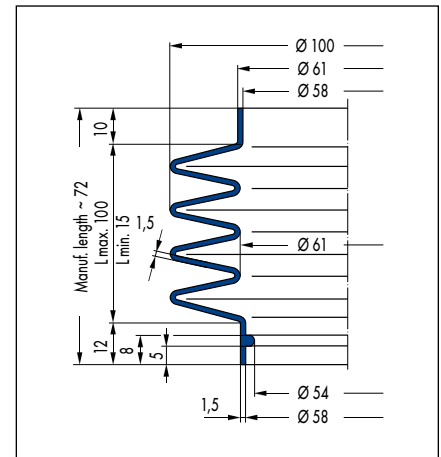
V6-00291, Article No. 440381



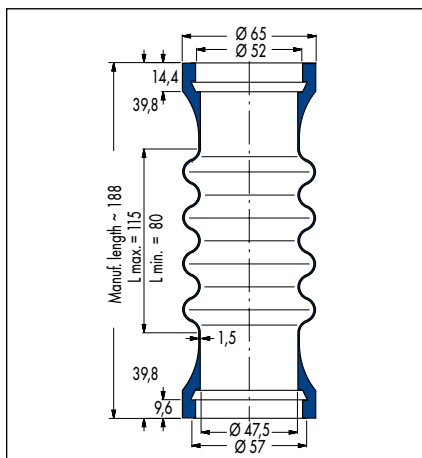
V6-00987, Article No. 49312666



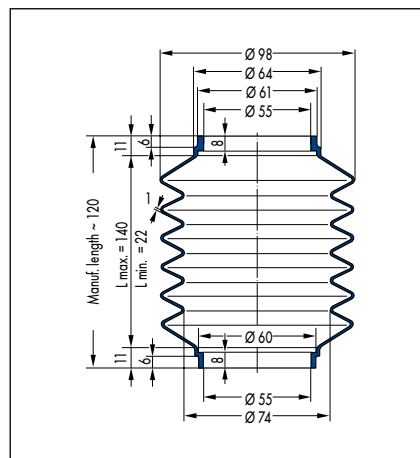
V6-00976, Article No. 429665



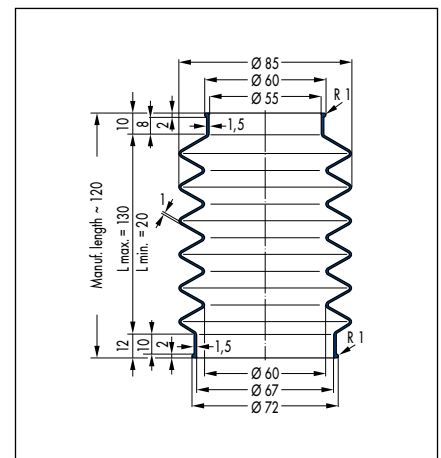
V6-01064, Article No. 453735



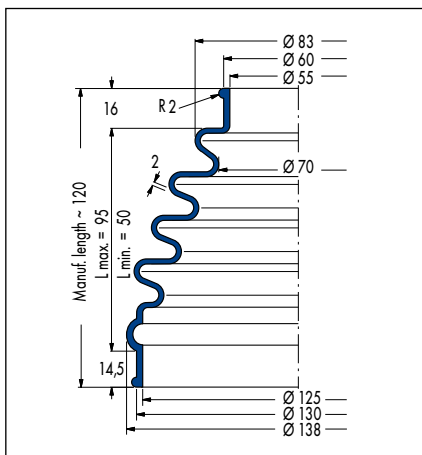
V6-00226, Article No. 439437



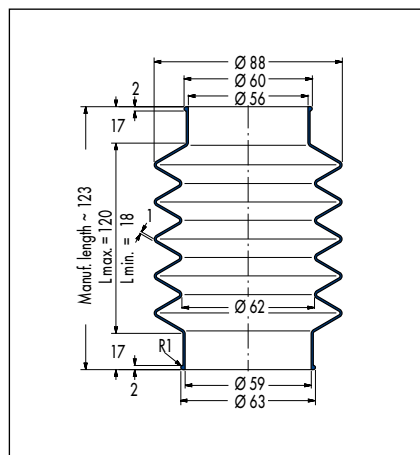
V6-00577, Article No. 439496



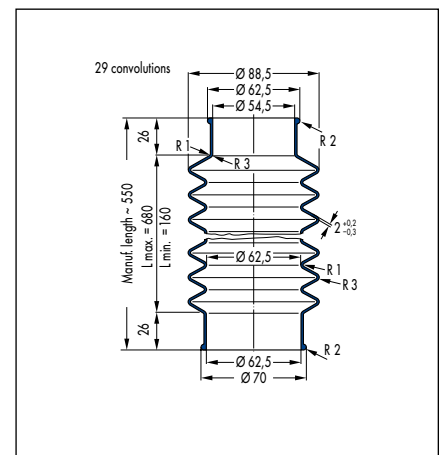
V6-00740, Article No. 430860



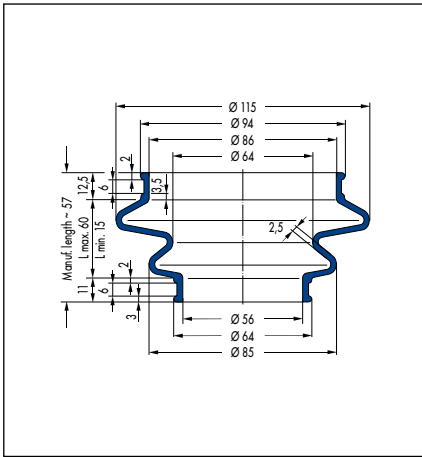
V6-00205, Article No. 440285



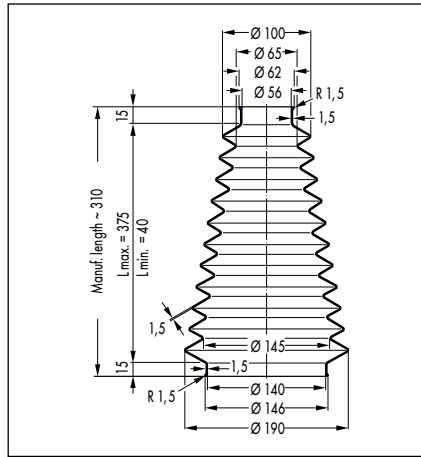
V6-00153, Article No. 426797



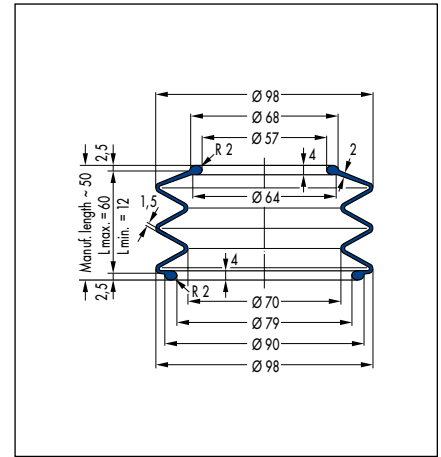
V6-00519, Article No. 29705



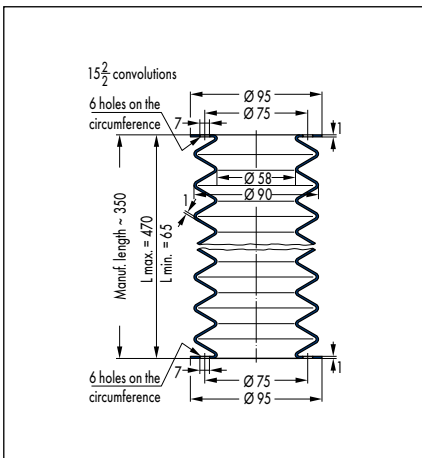
V6-00779, Article No. 360138



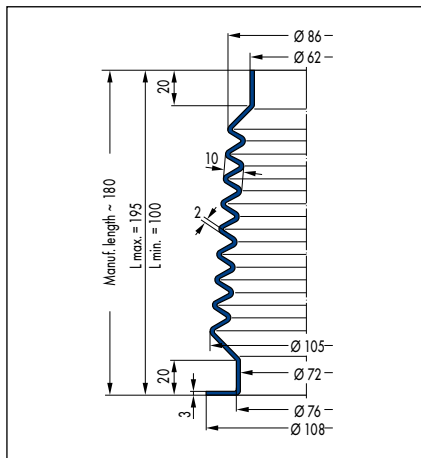
V6-00926, Article No. 35807



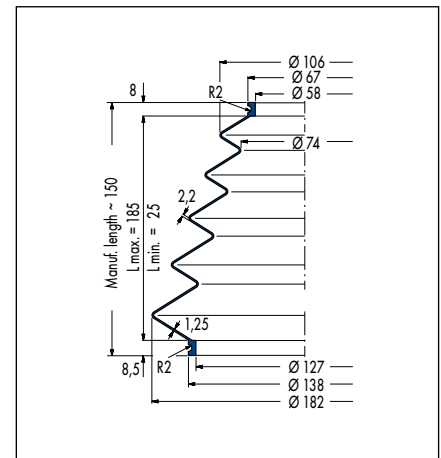
V6-01226, Article No. 452566



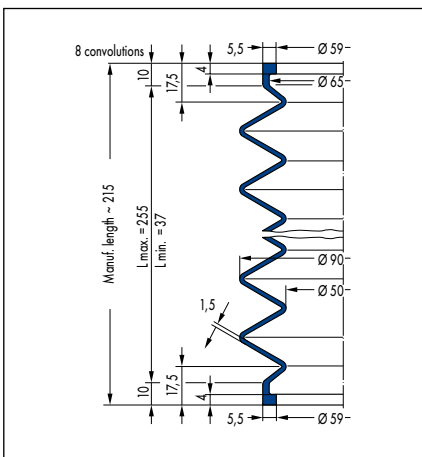
V6-00606, Article No. 29774



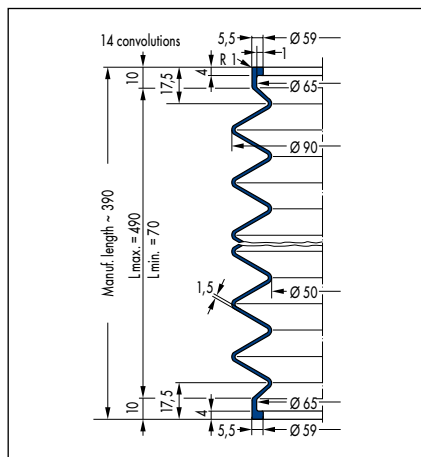
V6-00866, Article No. 454218



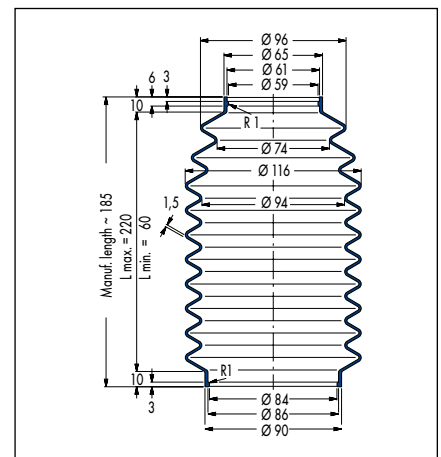
V6-00352, Article No. 19577



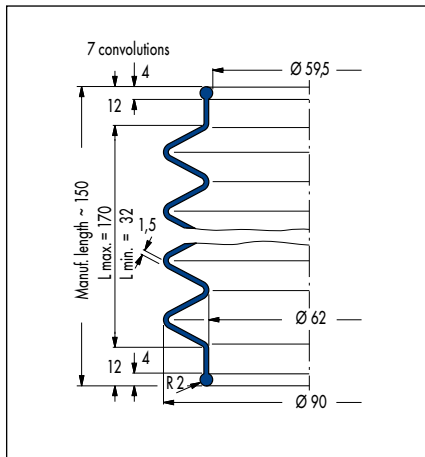
V6-00937, Article No. 60022627



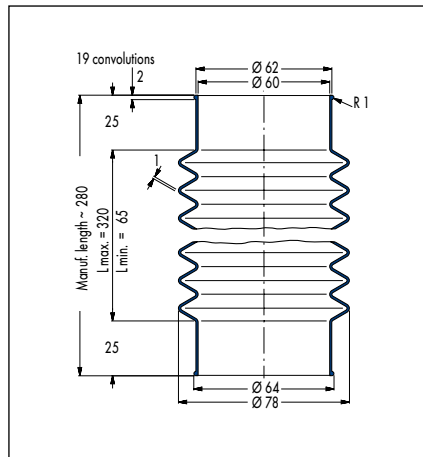
V6-00910, Article No. 103132



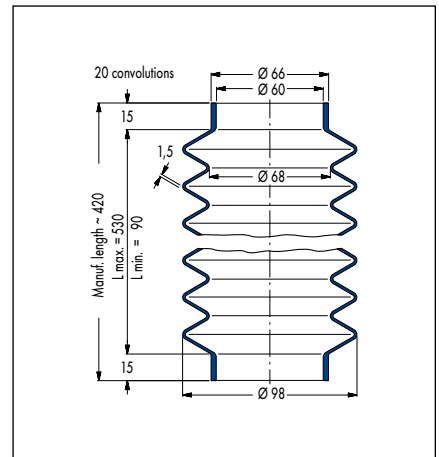
V6-01453, Article No. 454255



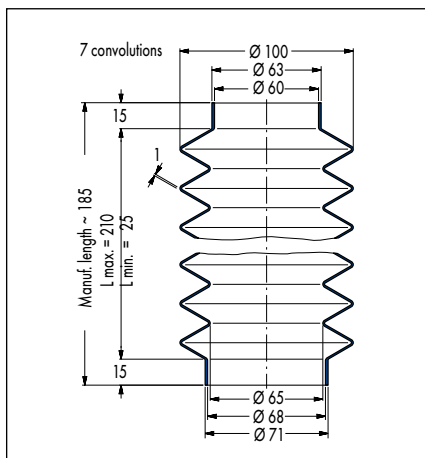
V6-00260, Article No. 434071



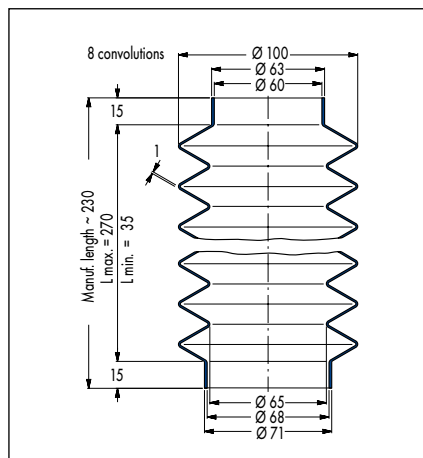
V6-00499, Article No. 49312584



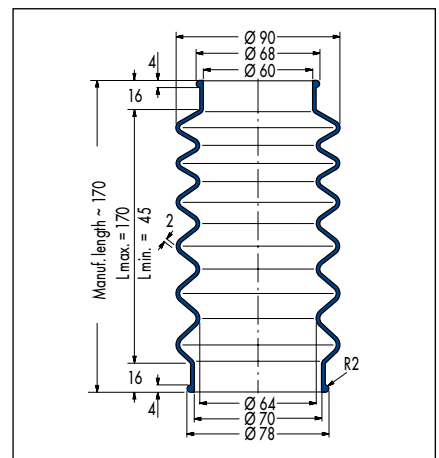
V6-00450, Article No. 29652



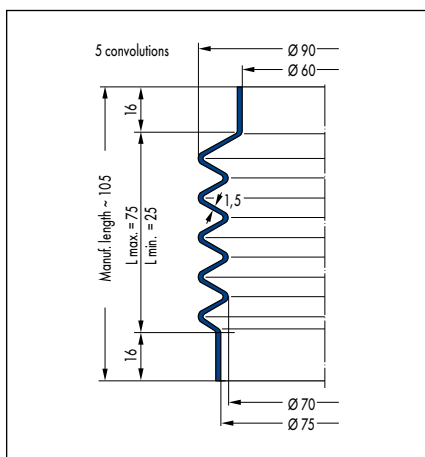
V6-00375, Article No. 428321



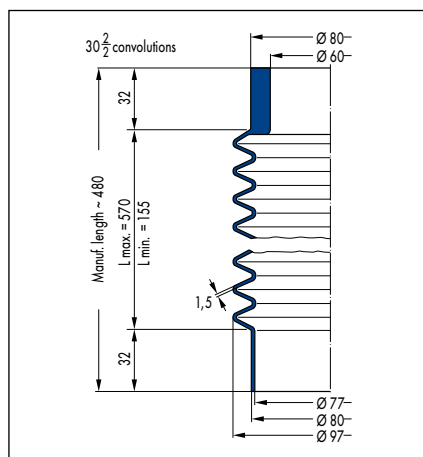
V6-00400, Article No. 438535



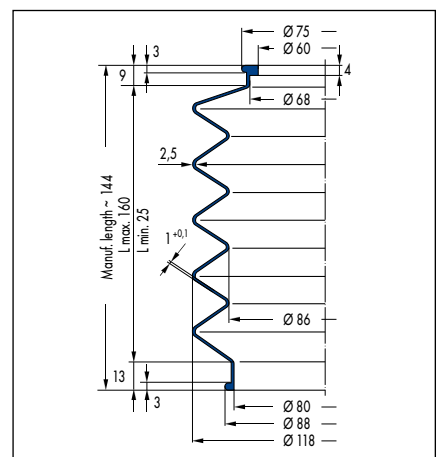
V6-00453, Article No. 426371



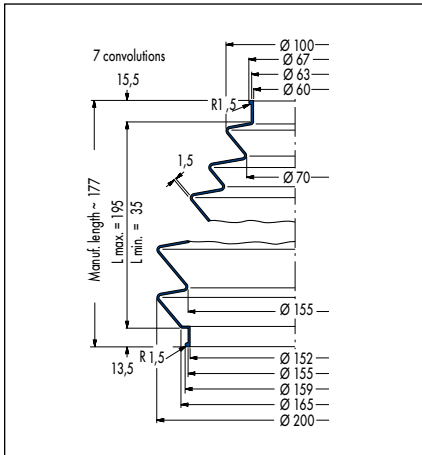
V6-01774, Article No. 49312711



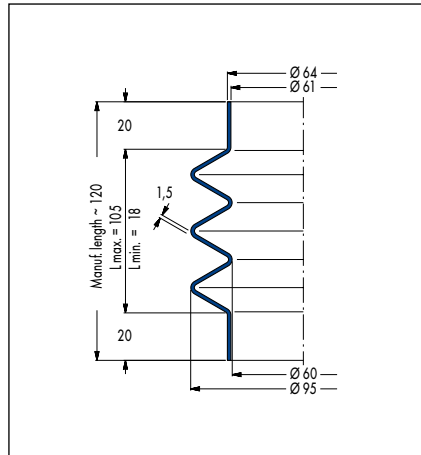
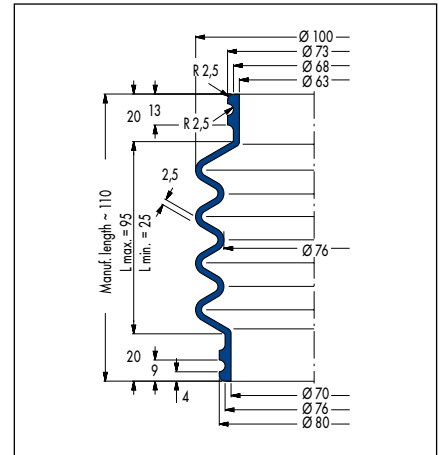
V6-01018, Article No. 454225



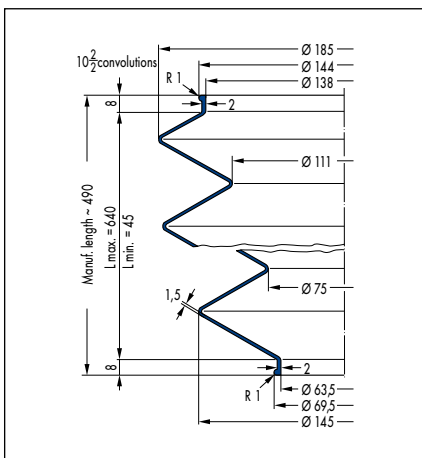
V6-01049, Article No. 454227



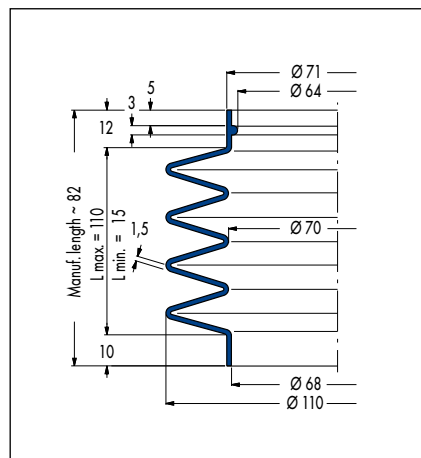
V6-00444, Article No. 29643

V6-00099, Article No. 434091 (NBR)/  
434092 (CR)

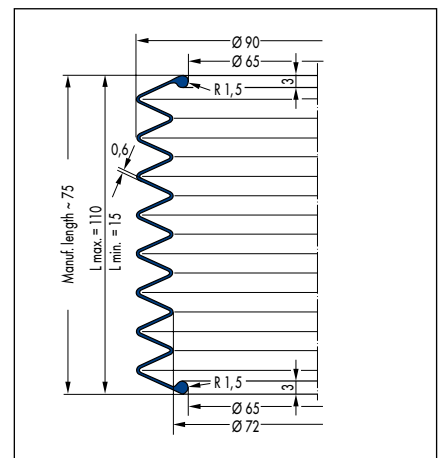
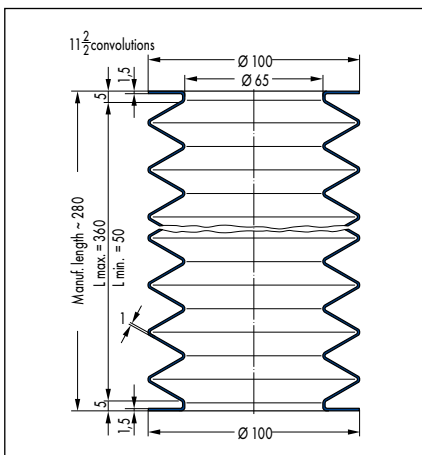
V6-00242, Article No. 439438



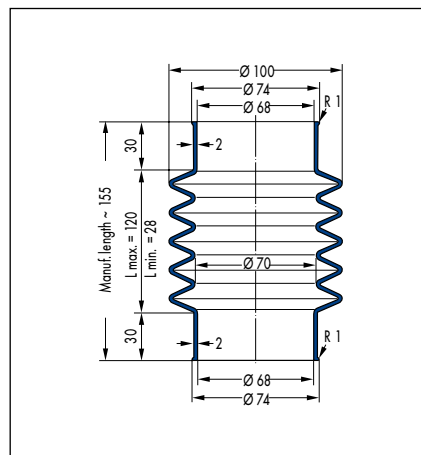
V6-00917, Article No. 507015



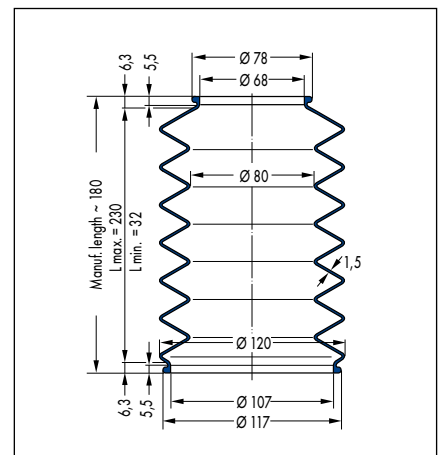
V6-01063, Article No. 453733

V6-00743, Article No. 25159 (CR)/  
501518 (NBR)

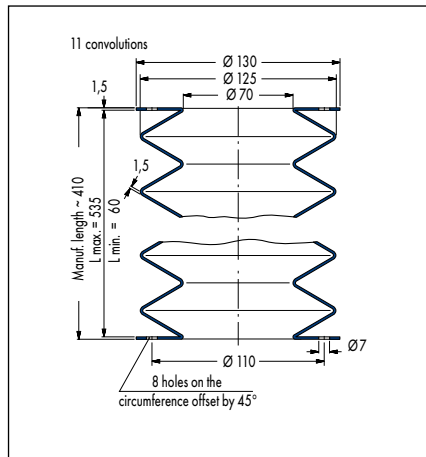
V6-00968, Article No. 506619



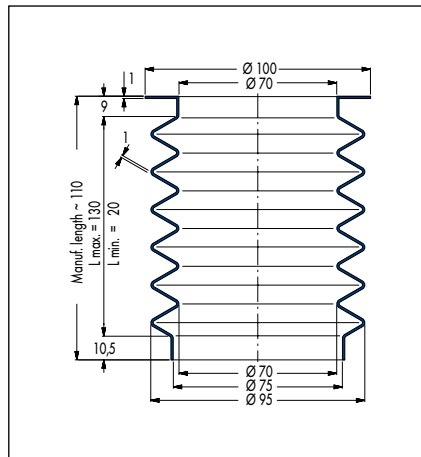
V6-00497, Article No. 101244



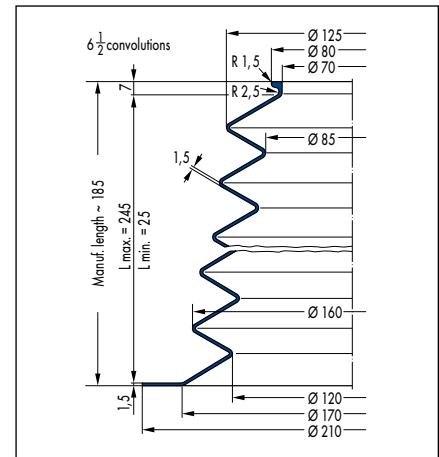
V6-00329, Article No. 428309



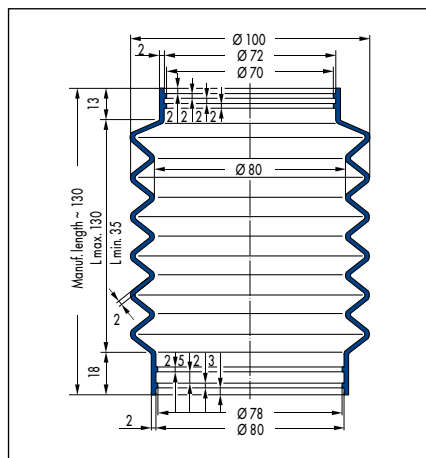
V6-00424, Article No. 49312576



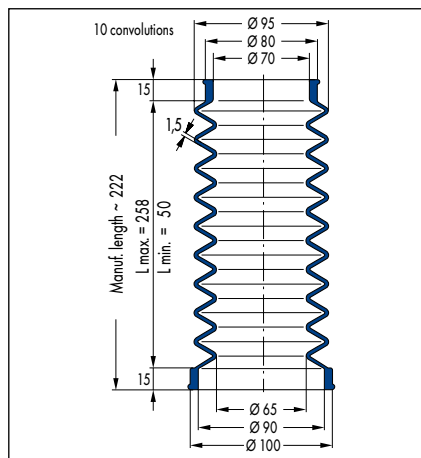
V6-00638, Article No. 29803



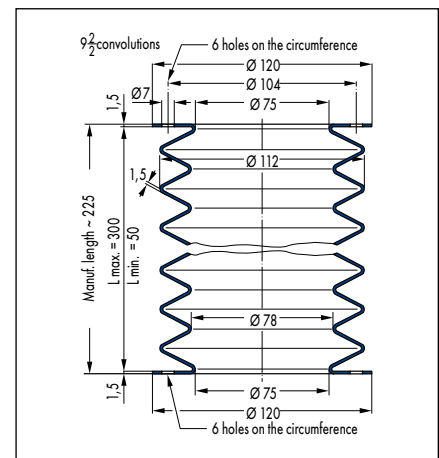
V6-01033, Article No. 10596



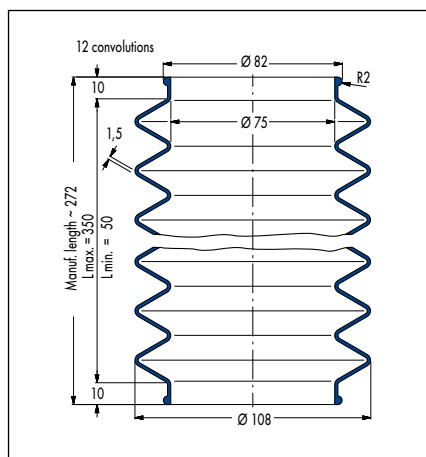
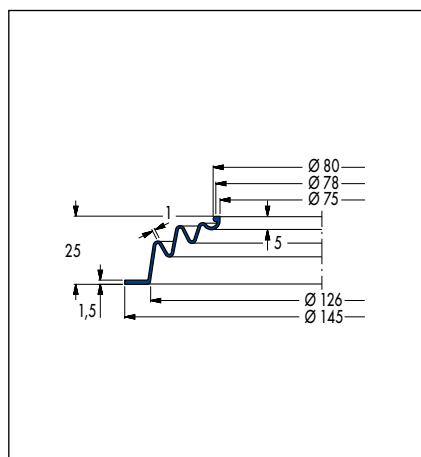
V6-00477, Article No. 400709



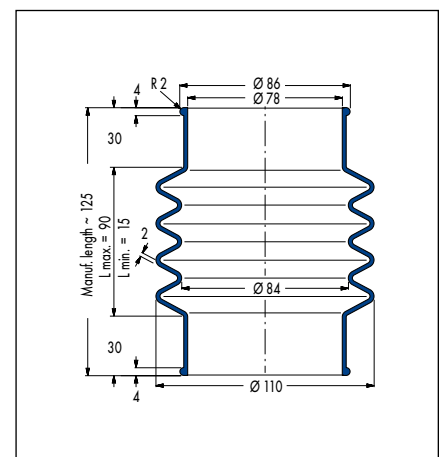
V6-20173, Article No. 458302

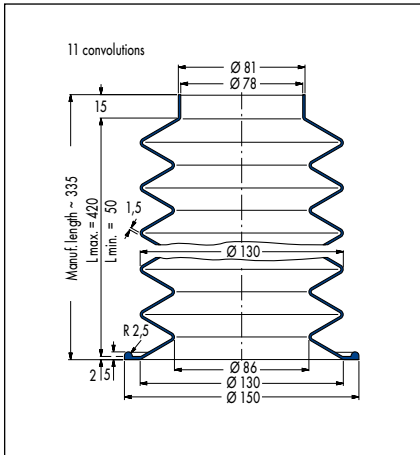


V6-00813, Article No. 414718

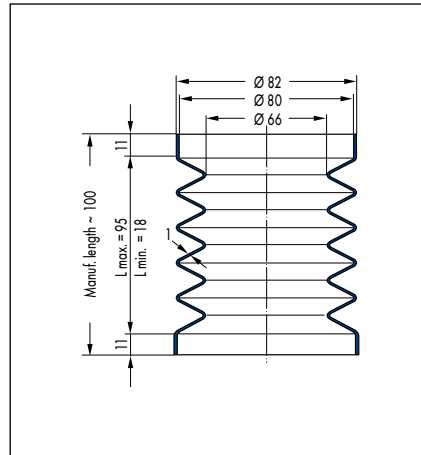
V6-00093, Article No. 440343 (CR)/  
440342 (NBR)

V6-00441, Article No. 434020

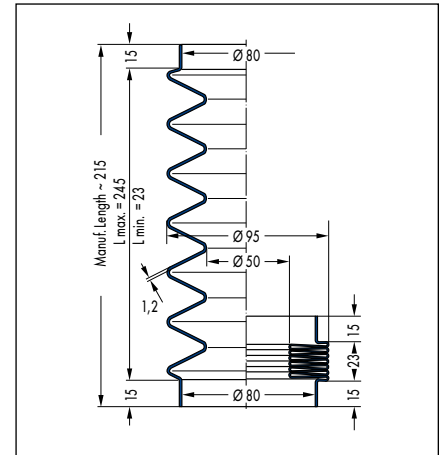
V6-00501, Article No. 438944 (50 CR 879)/  
438946 (42 CR 764)



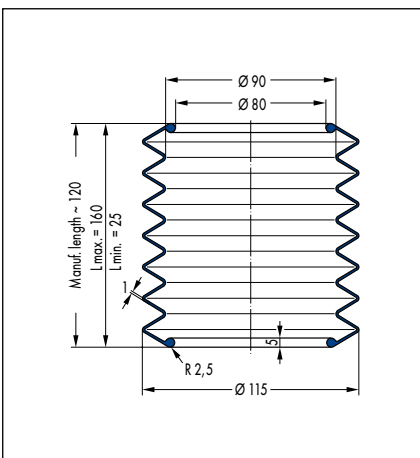
V6-00520, Article No. 25100 (45 NBR 670)/  
307731 (50 CR 879)



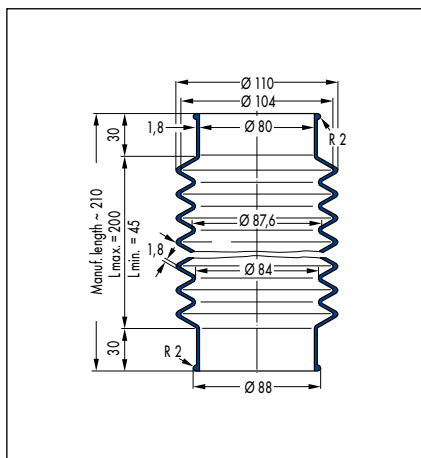
V6-00141, Article No. 451746 (42 CR 764)/  
451747 (50 CR 879)



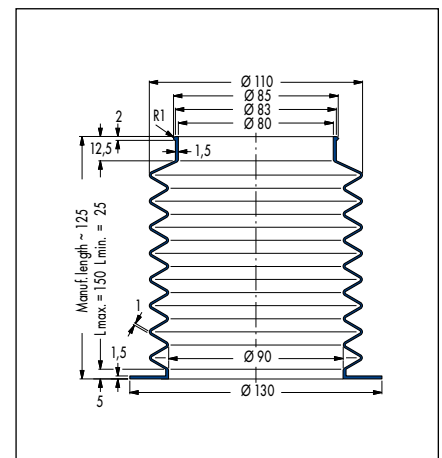
V6-00115, Article No. 29283



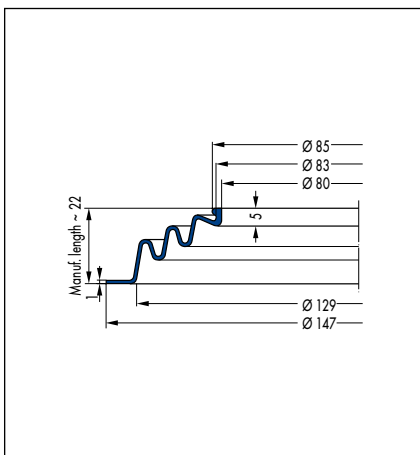
V6-01079, Article No. 454232



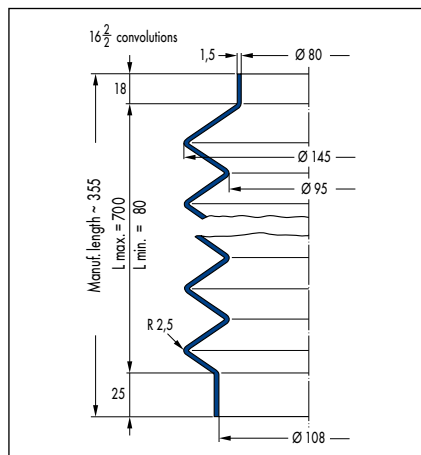
V6-00476, Article No. 61279



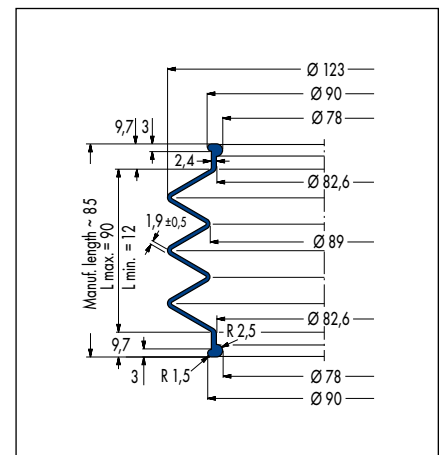
V6-00963, Article No. 454221



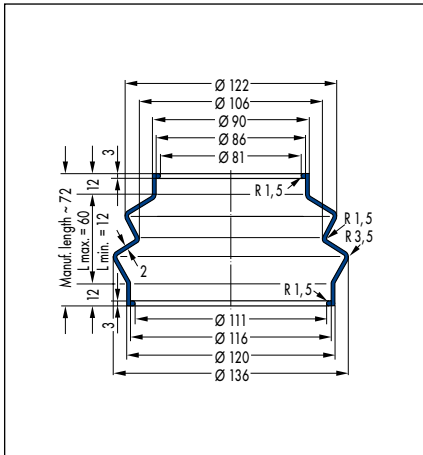
V6-00846, Article No. 307856



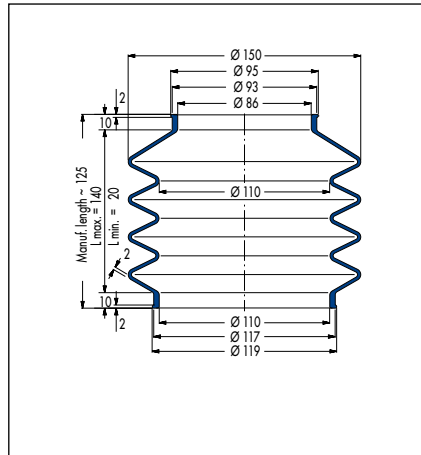
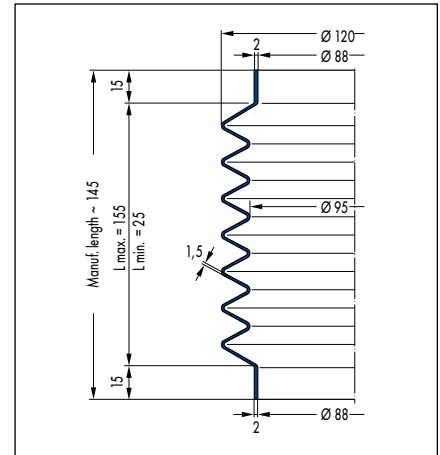
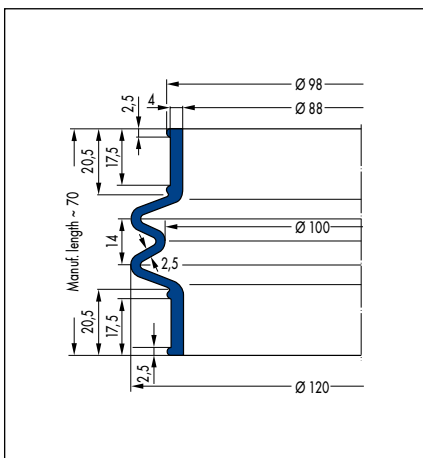
V6-00455, Article No. 29660



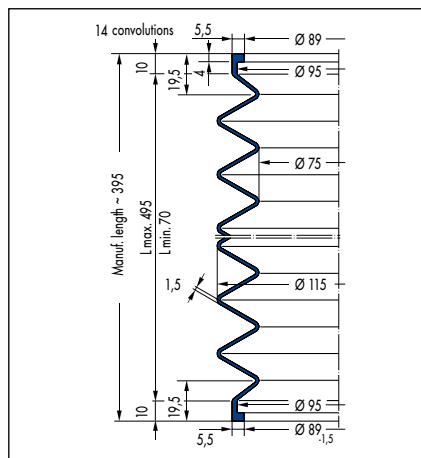
V6-00633, Article No. 426324



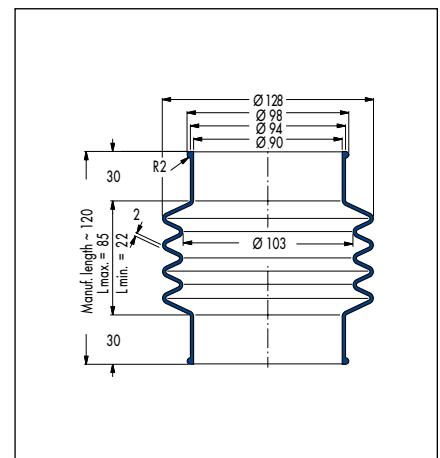
V6-00326, Article No. 454212

V6-00643, Article No. 29807 (CR)/  
49057942 (NBR)V6-01261, Article No. 454481 (CR)/  
454480 (NBR)

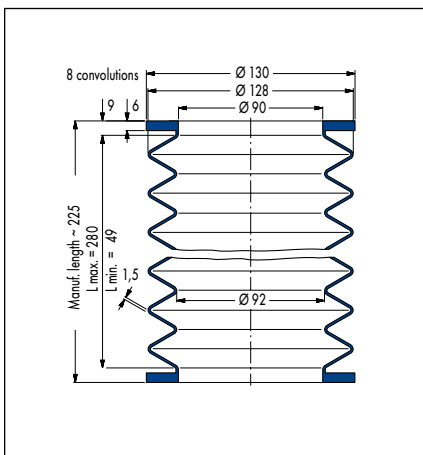
V6-01412, Article No. 104484



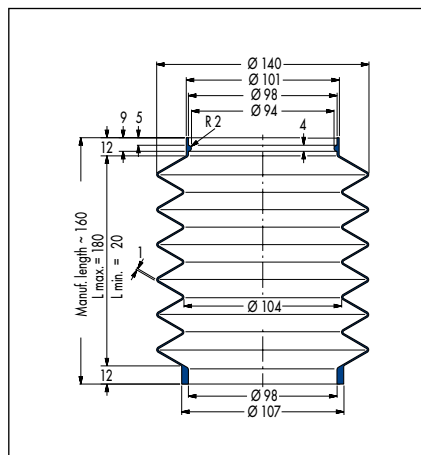
V6-00911, Article No. 63487



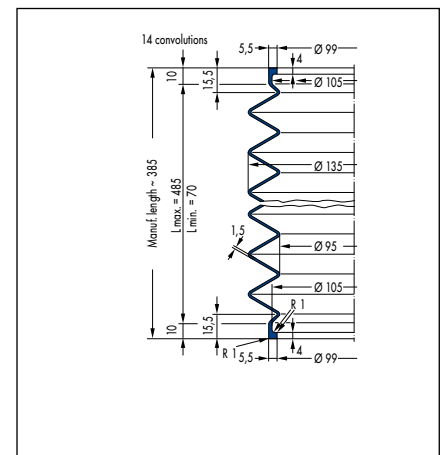
V6-00517, Article No. 454473



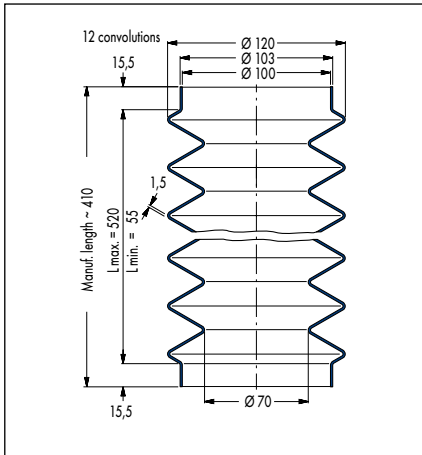
V6-00721, Article No. 29912



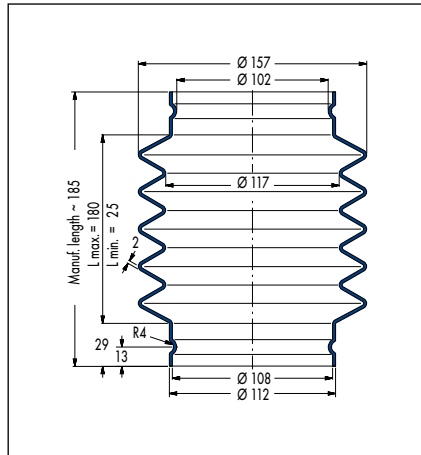
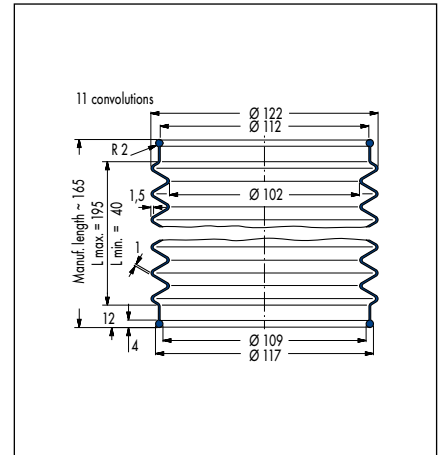
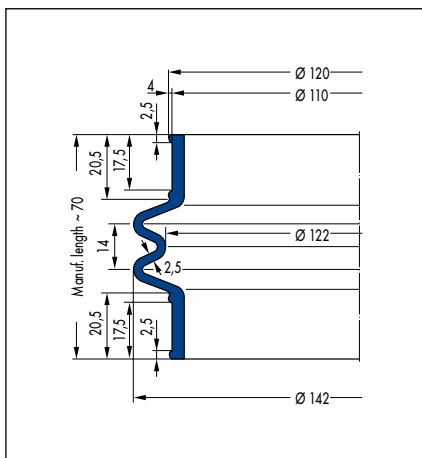
V6-01140, Article No. 454240



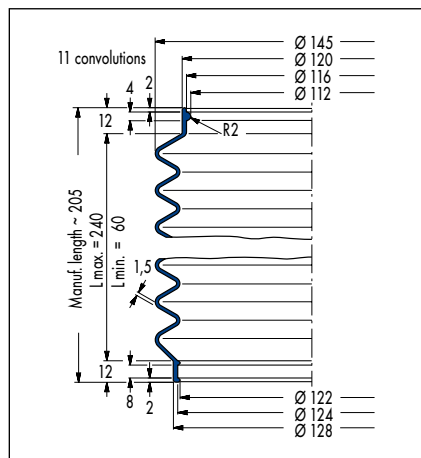
V6-00909, Article No. 505424



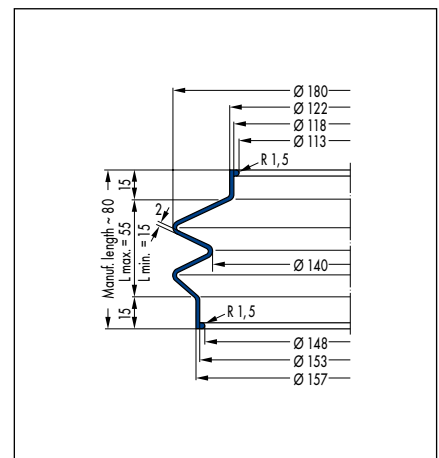
V6-00468, Article No. 29675

V6-00658, Article No. 25144 (CR)/  
368633 (NBR)V6-00332, Article No. 454470 (CR)/  
49040057 (NBR)

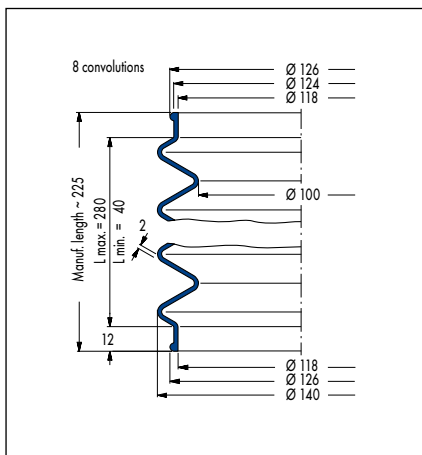
V6-01406, Article No. 333285



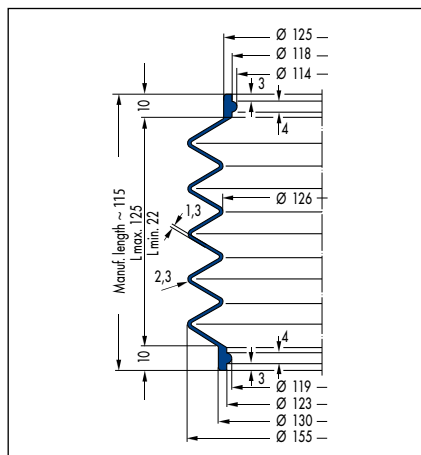
V6-01247, Article No. 454251



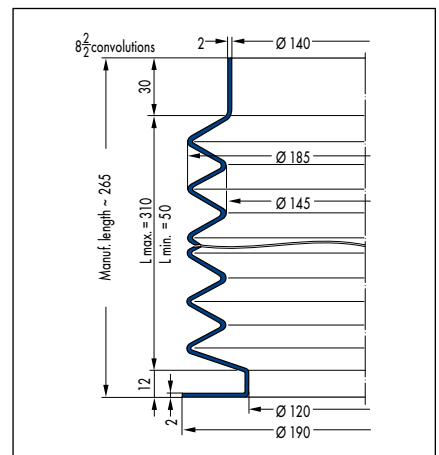
V6-00443, Article No. 1065



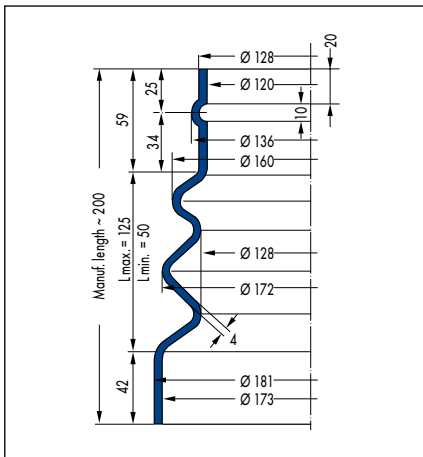
V6-00642, Article No. 2708



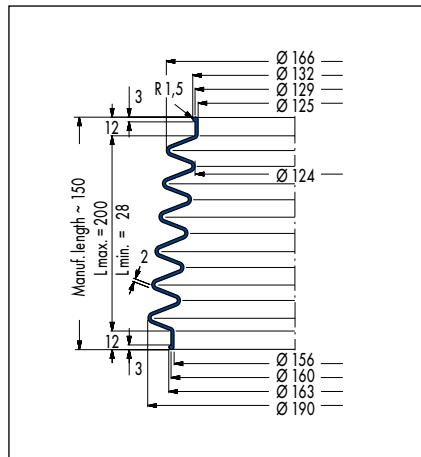
V6-01003, Article No. 455224



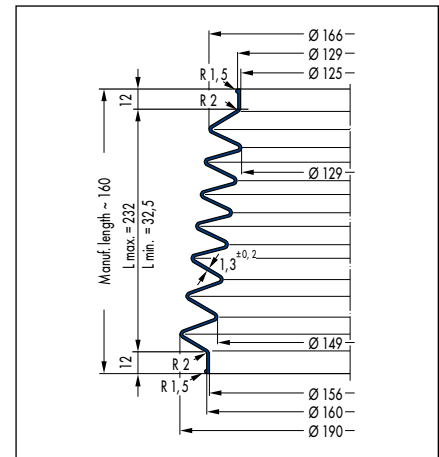
V6-00542, Article No. 125325



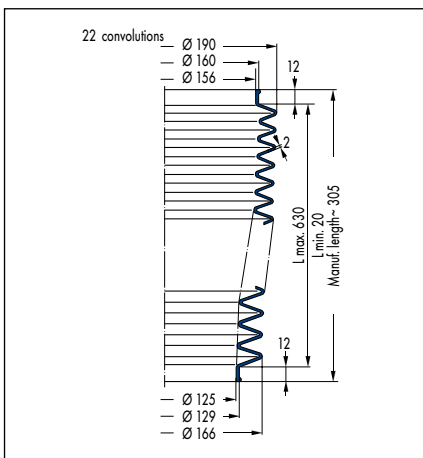
V6-00493, Article No. 23442



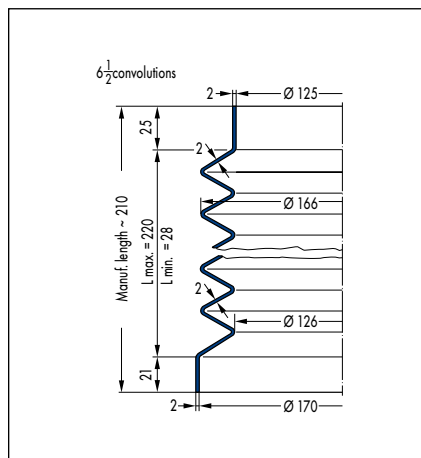
V6-00217, Article No. 29370



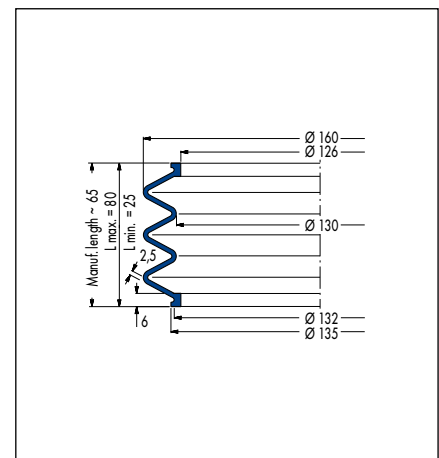
V6-01445, Article No. 355400



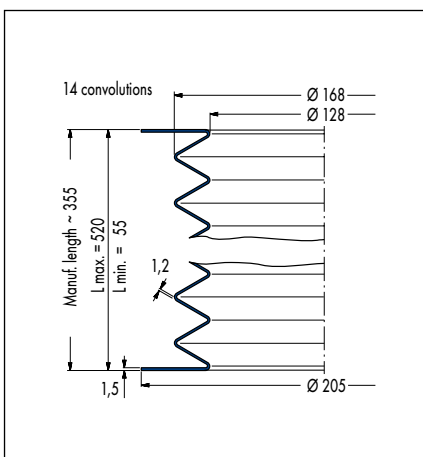
V6-01444, Article No. 60040372



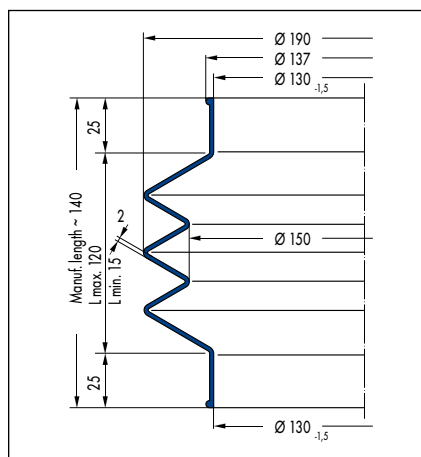
V6-00544, Article No. 29726



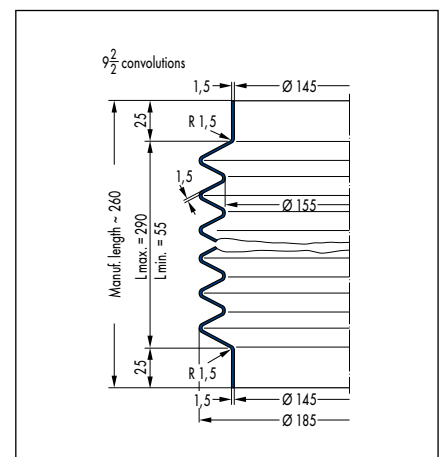
V6-00396, Article No. 454471



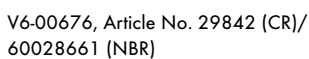
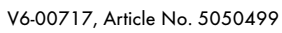
V6-00628, Article No. 29793

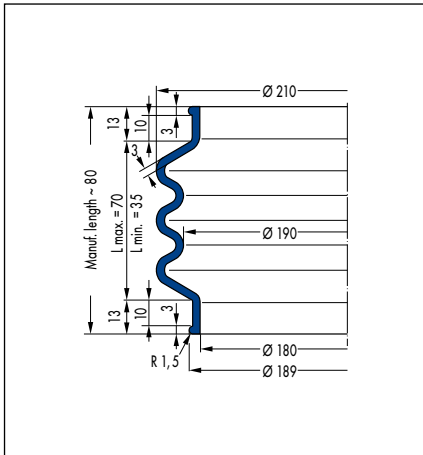


V6-01305, Article No. 400958

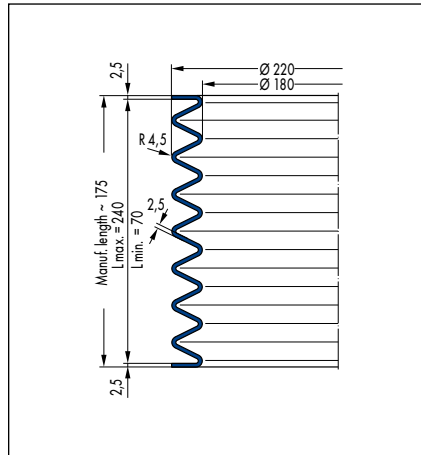


V6-00612, Article No. 29778

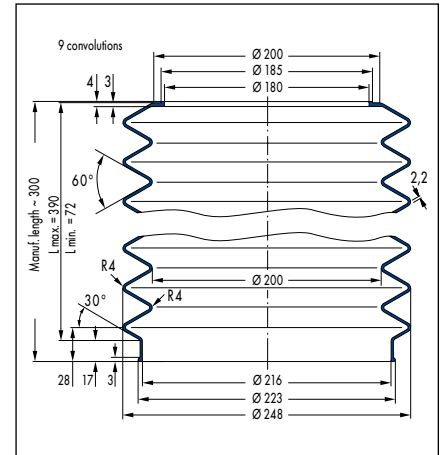




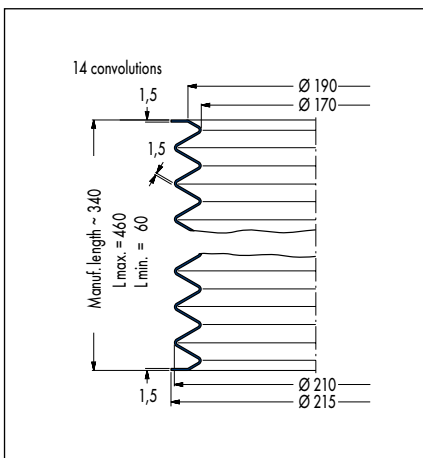
V6-00661, Article No. 29824 (45 NBR 670)/  
60028128 (50 CR 879)



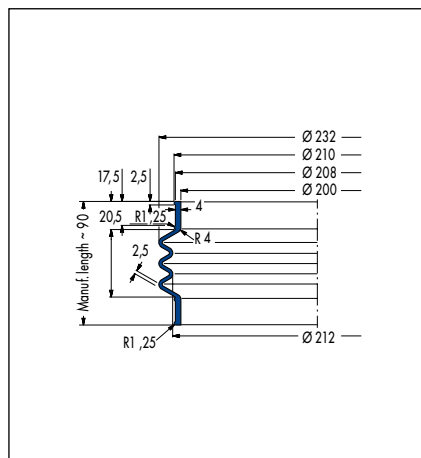
V6-00345, Article No. 325185 (CR)/  
29554 (NBR)



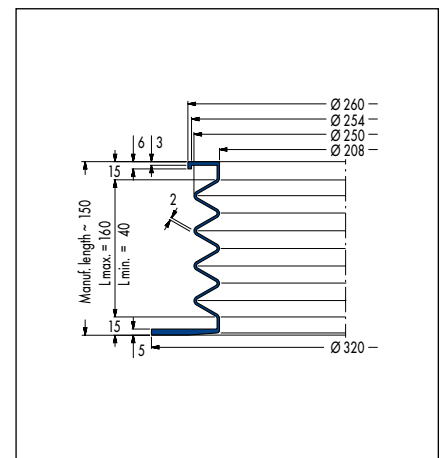
V6-01474, Article No. 49365010



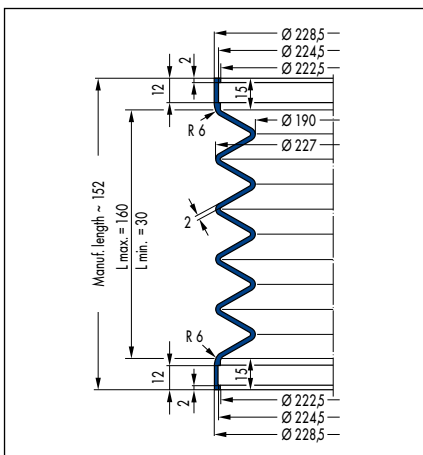
V6-00767, Article No. 36413



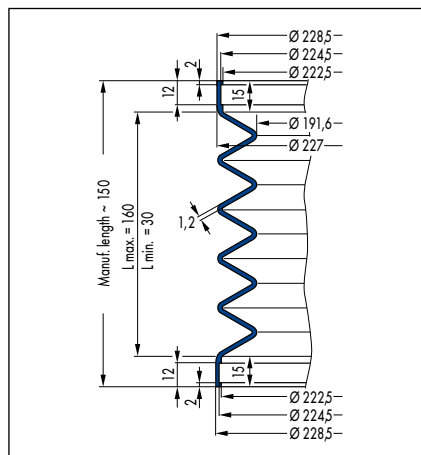
V6-01528, Article No. 455421



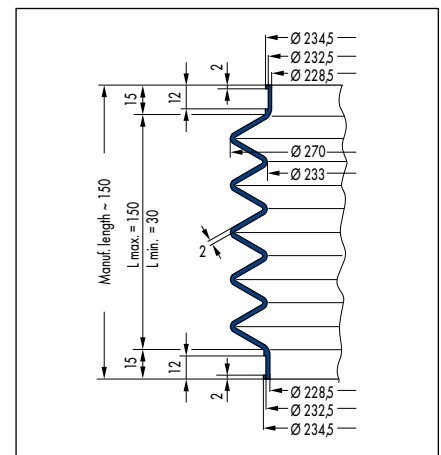
V6-00318, Article No. 87072



V6-01736, Article No. 401008



V6-01793, Article No. 336447



V6-01737, Article No. 401009

