

# PR V4 (M)

Precíziós metrikus acélcső, 1.4571

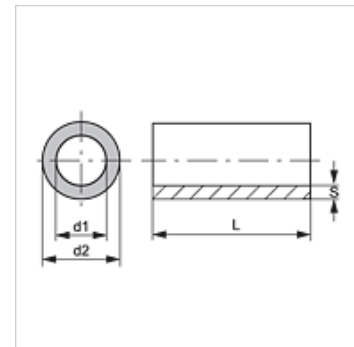
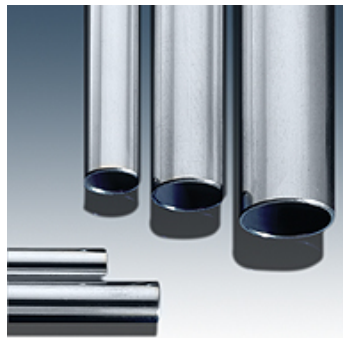
**HANSA FLEX**

## Tulajdonságok

Szerkezeti mód Precíziós metrikus acélcső

Anyag Nemesacél 1.4571

csőhossz 6 méter



## Megjegyzés

A megadott nyomásadatok egyenes csőre vonatkoznak.

Hajlított, íves csövek esetében megfelelő falvastagságokat kell számolni DIN EN 13480-4 szerint.

## További információk

Számítás DIN 2413 szerint (terv)

Terhelési eset I : Statikus (+ 100 °C-ig)

Terhelési eset III : \* dinamikus (200 °C-ig) kilengési szélesség = P bar

Szilárdság: K 234 [N/mm<sup>2</sup>]

Biztonsági tényező: S 1,5

Lüktető fárasztó igénybevételi szilárdság:  $\sigma_{Sch/D}$  190 [N/mm<sup>2</sup>]

Tűrések: DIN 10305-4

Nyúlási határ DIN 10216-5 szerint Rp 1,0 50°C-ig

## Cikk

| Megnevezés   | Ø d2<br>(mm) | AD-tűrés +/-<br>(mm) | Ø d1<br>(mm) | S<br>(mm) | Belső átmérő-tűrés +/-<br>(mm) | Terhelési eset I :<br>(bar) | Terhelési eset III :<br>(bar) |
|--------------|--------------|----------------------|--------------|-----------|--------------------------------|-----------------------------|-------------------------------|
| PR 34-2 V4   | 34,0         | -                    | 30,0         | 2,00      | -                              | -                           | -                             |
| PR 14-1 V4   | 14,0         | -                    | 12,0         | 1,00      | -                              | -                           | -                             |
| PR 04-0.5 V4 | 4,0          | -                    | 3,0          | 0,50      | -                              | -                           | -                             |
| PR 04-1 V4   | 4,0          | 0,08                 | 2,0          | 1,00      | 0,15                           | 600                         | 408                           |
| PR 05-0.5 V4 | 5,0          | -                    | 4,0          | 0,50      | -                              | -                           | -                             |
| PR 05-1 V4   | 5,0          | -                    | 3,0          | 1,00      | -                              | -                           | -                             |
| PR 06-0.5 V4 | 6,0          | 0,08                 | 5,0          | 0,50      | 0,15                           | -                           | -                             |
| PR 06-1 V4   | 6,0          | 0,08                 | 4,0          | 1,00      | 0,15                           | 400                         | 287                           |
| PR 06-1.5 V4 | 6,0          | 0,08                 | 3,0          | 1,50      | 0,15                           | 660                         | 442                           |
| PR 06-2 V4   | 6,0          | 0,08                 | 2,0          | 2,00      | 0,15                           | 915                         | 575                           |
| PR 08-1 V4   | 8,0          | 0,08                 | 6,0          | 1,00      | 0,15                           | 300                         | 222                           |
| PR 08-1.5 V4 | 8,0          | 0,08                 | 5,0          | 1,50      | 0,15                           | 495                         | 347                           |
| PR 08-2 V4   | 8,0          | 0,08                 | 4,0          | 2,00      | 0,15                           | 690                         | 458                           |
| PR 08-2.5 V4 | 8,0          | -                    | 3,0          | 2,50      | -                              | -                           | -                             |
| PR 10-0.5 V4 | 10,0         | 0,08                 | 9,0          | 0,50      | 0,08                           | 105                         | 81                            |
| PR 10-1 V4   | 10,0         | 0,08                 | 8,0          | 1,00      | 0,15                           | 240                         | 181                           |
| PR 10-1.2 V4 | 10,0         | -                    | 7,6          | 1,20      | -                              | -                           | -                             |
| PR 10-1.5 V4 | 10,0         | 0,08                 | 7,0          | 1,50      | 0,15                           | 396                         | 285                           |
| PR 10-2 V4   | 10,0         | 0,08                 | 6,0          | 2,00      | 0,15                           | 552                         | 380                           |
| PR 10-2.5 V4 | 10,0         | -                    | 5,0          | 2,50      | -                              | -                           | -                             |
| PR 12-1 V4   | 12,0         | 0,08                 | 10,0         | 1,00      | 0,15                           | 200                         | 152                           |
| PR 12-1.5 V4 | 12,0         | 0,08                 | 9,0          | 1,50      | 0,15                           | 330                         | 242                           |
| PR 12-2 V4   | 12,0         | 0,08                 | 8,0          | 2,00      | 0,15                           | 460                         | 325                           |
| PR 12-3 V4   | 12,0         | 0,08                 | 6,0          | 3,00      | 0,25                           | 694                         | 461                           |
| PR 13-1 V4   | 13,0         | -                    | 11,0         | 1,00      | -                              | -                           | -                             |
| PR 14-1.5 V4 | 14,0         | 0,08                 | 11,0         | 1,50      | 0,15                           | 283                         | 210                           |
| PR 14-2 V4   | 14,0         | 0,08                 | 10,0         | 2,00      | 0,15                           | 394                         | 284                           |
| PR 14-2.5 V4 | 14,0         | 0,08                 | 9,0          | 2,50      | 0,15                           | 505                         | 353                           |
| PR 14-3 V4   | 14,0         | -                    | 8,0          | 3,00      | -                              | -                           | -                             |
| PR 15-1 V4   | 15,0         | 0,08                 | 13,0         | 1,00      | 0,08                           | 174                         | 134                           |
| PR 15-1.5 V4 | 15,0         | 0,08                 | 12,0         | 1,50      | 0,15                           | 264                         | 197                           |
| PR 15-2 V4   | 15,0         | 0,08                 | 11,0         | 2,00      | 0,15                           | 368                         | 267                           |
| PR 16-1 V 4  | 16,0         | -                    | 14,0         | 1,00      | -                              | -                           | -                             |
| PR 16-1.5 V4 | 16,0         | 0,08                 | 13,0         | 1,50      | 0,08                           | 261                         | 195                           |



Az alapos ellenőrzések ellenére nem tudunk minden hibát kizárni és ezért nem vállalunk felelősséget a megadott adatokért.

08.07.2026

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# PR V4 (M)

Precíziós metrikus acélcső, 1.4571

**HANSA FLEX**

| Cikk          |              |                      |              |           |                                |                             |                               |
|---------------|--------------|----------------------|--------------|-----------|--------------------------------|-----------------------------|-------------------------------|
| Megnevezés    | Ø d2<br>(mm) | AD-tűrés +/-<br>(mm) | Ø d1<br>(mm) | S<br>(mm) | Belső átmérő-tűrés +/-<br>(mm) | Terhelési eset I :<br>(bar) | Terhelési eset III :<br>(bar) |
| PR 16-2 V4    | 16,0         | 0,08                 | 12,0         | 2,00      | 0,15                           | 345                         | 252                           |
| PR 16-2.5 V4  | 16,0         | 0,08                 | 11,0         | 2,50      | 0,15                           | 442                         | 314                           |
| PR 16-3 V4    | 16,0         | 0,08                 | 10,0         | 3,00      | 0,15                           | 540                         | 373                           |
| PR 16-4 V4    | 16,0         | -                    | 8,0          | 4,00      | -                              | -                           | -                             |
| PR 18-1 V4    | 18,0         | 0,08                 | 16,0         | 1,00      | 0,08                           | 145                         | 112                           |
| PR 18-1.5 V4  | 18,0         | 0,08                 | 15,0         | 1,50      | 0,08                           | 232                         | 175                           |
| PR 18-2 V4    | 18,0         | 0,08                 | 14,0         | 2,00      | 0,08                           | 318                         | 234                           |
| PR 18-2.5 V4  | 18,0         | 0,08                 | 13,0         | 2,50      | 0,15                           | 393                         | 283                           |
| PR 18-3 V4    | 18,0         | -                    | 12,0         | 3,00      | -                              | -                           | -                             |
| PR 18-4 V4    | 18,0         | -                    | 10,0         | 4,00      | -                              | -                           | -                             |
| PR 20-1 V 4   | 20,0         | 0,08                 | 18,0         | 1,00      | -                              | -                           | -                             |
| PR 20-1.5 V 4 | 20,0         | 0,08                 | 17,0         | 1,50      | -                              | -                           | -                             |
| PR 20-2 V4    | 20,0         | 0,08                 | 16,0         | 2,00      | 0,08                           | 287                         | 213                           |
| PR 20-2.5 V4  | 20,0         | 0,08                 | 15,0         | 2,50      | 0,15                           | 354                         | 258                           |
| PR 20-3 V4    | 20,0         | 0,08                 | 14,0         | 3,00      | 0,15                           | 432                         | 308                           |
| PR 20-3.5 V4  | 20,0         | 0,08                 | 13,0         | 3,50      | 0,15                           | 510                         | 355                           |
| PR 20-4 V4    | 20,0         | -                    | 12,0         | 4,00      | -                              | -                           | -                             |
| PR 22-1 V 4   | 22,0         | 0,08                 | 20,0         | 1,00      | -                              | -                           | -                             |
| PR 22-1.5 V4  | 22,0         | 0,08                 | 19,0         | 1,50      | 0,08                           | 190                         | 145                           |
| PR 22-2 V4    | 22,0         | 0,08                 | 18,0         | 2,00      | 0,08                           | 260                         | 195                           |
| PR 22-2.5 V4  | 22,0         | 0,08                 | 17,0         | 2,50      | 0,15                           | 321                         | 236                           |
| PR 22-3 V4    | 22,0         | 0,08                 | 16,0         | 3,00      | 0,15                           | 392                         | 283                           |
| PR 22-4 V4    | 22,0         | -                    | 14,0         | 4,00      | -                              | -                           | -                             |
| PR 22-6 V4    | 22,0         | -                    | 10,0         | 6,00      | -                              | -                           | -                             |
| PR 23-1.5 V4  | 23,0         | -                    | 20,0         | 1,50      | -                              | -                           | -                             |
| PR 24-4 V4    | 24,0         | -                    | 16,0         | 4,00      | -                              | -                           | -                             |
| PR 25-1.5 V4  | 25,0         | 0,08                 | 22,0         | 1,50      | 0,08                           | 167                         | 128                           |
| PR 25-2 V4    | 25,0         | 0,08                 | 21,0         | 2,00      | 0,08                           | 229                         | 173                           |
| PR 25-2.5 V4  | 25,0         | 0,08                 | 20,0         | 2,50      | 0,08                           | 292                         | 216                           |
| PR 25-3 V4    | 25,0         | 0,08                 | 19,0         | 3,00      | 0,15                           | 345                         | 252                           |
| PR 25-4 V4    | 25,0         | -                    | 17,0         | 4,00      | -                              | -                           | -                             |
| PR 25-5 V4    | 25,0         | -                    | 15,0         | 5,00      | -                              | -                           | -                             |
| PR 25-6 V4    | 25,0         | -                    | 13,0         | 6,00      | -                              | -                           | -                             |
| PR 28-1 V4    | 28,0         | -                    | 26,0         | 1,00      | -                              | -                           | -                             |
| PR 28-1.5 V4  | 28,0         | 0,08                 | 25,0         | 1,50      | 0,08                           | 149                         | 115                           |
| PR 28-2 V4    | 28,0         | 0,08                 | 24,0         | 2,00      | 0,08                           | 205                         | 156                           |
| PR 28-2.5 V4  | 28,0         | 0,08                 | 23,0         | 2,50      | 0,08                           | 260                         | 195                           |
| PR 28-3 V4    | 28,0         | -                    | 22,0         | 3,00      | -                              | -                           | -                             |
| PR 28-4 V4    | 28,0         | -                    | 20,0         | 4,00      | -                              | -                           | -                             |
| PR 28-5 V4    | 28,0         | -                    | 18,0         | 5,00      | -                              | -                           | -                             |
| PR 30-2 V4    | 30,0         | 0,08                 | 26,0         | 2,00      | 0,08                           | 191                         | 146                           |
| PR 30-2.5 V4  | 30,0         | 0,08                 | 25,0         | 2,50      | 0,08                           | 243                         | 183                           |
| PR 30-3 V4    | 30,0         | 0,08                 | 24,0         | 3,00      | 0,15                           | 288                         | 214                           |
| PR 30-4 V4    | 30,0         | 0,08                 | 22,0         | 4,00      | 0,15                           | 392                         | 282                           |
| PR 30-5 V4    | 30,0         | 0,08                 | 20,0         | 5,00      | 0,15                           | 496                         | 347                           |
| PR 32-1.5 V4  | 32,0         | -                    | 29,0         | 1,50      | -                              | -                           | -                             |
| PR 32-2 V4    | 32,0         | -                    | 28,0         | 2,00      | -                              | -                           | -                             |
| PR 32-2.5 V4  | 32,0         | -                    | 27,0         | 2,50      | -                              | -                           | -                             |
| PR 32-4 V4    | 32,0         | -                    | 26,0         | 4,00      | -                              | -                           | -                             |
| PR 32-6 V4    | 32,0         | -                    | 20,0         | 6,00      | -                              | -                           | -                             |
| PR 35-1.5 V 4 | 35,0         | 0,08                 | 32,0         | 1,50      | 0,08                           | 119                         | 93                            |
| PR 35-2 V4    | 35,0         | 0,15                 | 31,0         | 2,00      | 0,15                           | 151                         | 117                           |
| PR 35-2.5 V4  | 35,0         | 0,15                 | 30,0         | 2,50      | 0,15                           | 196                         | 149                           |
| PR 35-3 V4    | 35,0         | -                    | 29,0         | 3,00      | -                              | -                           | -                             |
| PR 35-4 V4    | 35,0         | -                    | 27,0         | 4,00      | -                              | -                           | -                             |
| PR 35-5 V 4   | 35,0         | 0,15                 | 25,0         | 5,00      | 0,15                           | 418                         | 299                           |
| PR 38-1.5 V4  | 38,0         | -                    | 35,0         | 1,50      | -                              | -                           | -                             |
| PR 38-2 V4    | 38,0         | -                    | 34,0         | 2,00      | -                              | -                           | -                             |
| PR 38-2.6 V4  | 38,0         | -                    | 32,8         | 2,60      | -                              | -                           | -                             |
| PR 38-3 V4    | 38,0         | -                    | 32,0         | 3,00      | -                              | -                           | -                             |
| PR 38-4 V4    | 38,0         | 0,15                 | 30,0         | 4,00      | 0,15                           | 303                         | 224                           |
| PR 38-5 V4    | 38,0         | 0,15                 | 28,0         | 5,00      | 0,15                           | 385                         | 278                           |
| PR 38-6 V4    | 38,0         | -                    | 26,0         | 6,00      | -                              | -                           | -                             |



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|----------------|--------------|----------------------|--------------|-----------|--------------------------------|-----------------------------|-------------------------------|
| Megnevezés     | Ø d2<br>(mm) | AD-tűrés +/-<br>(mm) | Ø d1<br>(mm) | S<br>(mm) | Belső átmérő-tűrés +/-<br>(mm) | Terhelési eset I :<br>(bar) | Terhelési eset III :<br>(bar) |
| PR 40-2 V4     | 40,0         | -                    | 36,0         | 2,00      | -                              | -                           | -                             |
| PR 42-2 V4     | 42,0         | 0,20                 | 38,0         | 2,00      | 0,20                           | 118                         | 92                            |
| PR 42-3 V4     | 42,0         | 0,20                 | 36,0         | 3,00      | 0,20                           | 193                         | 147                           |
| PR 42-6 V4     | 42,0         | -                    | 30,0         | 6,00      | -                              | -                           | -                             |
| PR 43-1.5 V4   | 43,0         | -                    | 40,0         | 1,50      | -                              | -                           | -                             |
| PR 50-1.5 V4   | 50,0         | -                    | 47,0         | 1,50      | -                              | -                           | -                             |
| PR 50-2 V4     | 50,0         | -                    | 46,0         | 2,00      | -                              | -                           | -                             |
| PR 50-4 V4     | 50,0         | -                    | 42,0         | 4,00      | -                              | -                           | -                             |
| PR 50-5 V4     | 50,0         | -                    | 40,0         | 5,00      | -                              | -                           | -                             |
| PR 50-6 V4     | 50,0         | -                    | 38,0         | 6,00      | -                              | -                           | -                             |
| PR 54-2 V4     | 54,0         | -                    | 50,0         | 2,00      | -                              | -                           | -                             |
| PR 57-2 V4     | 57,0         | -                    | 53,0         | 2,00      | -                              | -                           | -                             |
| PR 63.5-1.5 V4 | 63,5         | -                    | 60,5         | 1,50      | -                              | -                           | -                             |
| PR 64-2 V4     | 64,0         | -                    | 60,0         | 2,00      | -                              | -                           | -                             |
| PR 70-1.5 V4   | 70,0         | -                    | 67,0         | 1,50      | -                              | -                           | -                             |
| PR 70-2 V4     | 70,0         | -                    | 66,0         | 2,00      | -                              | -                           | -                             |
| PR 70-5 V4     | 70,0         | -                    | 60,0         | 5,00      | -                              | -                           | -                             |
| PR 101.5-2 V4  | 101,5        | -                    | 97,5         | 2,00      | -                              | -                           | -                             |
| PR 108-3 V4    | 108,0        | -                    | 102,0        | 3,00      | -                              | -                           | -                             |
| PR 129-2 V4    | 129,0        | -                    | 125,0        | 2,00      | -                              | -                           | -                             |
| PR 133-4 V4    | 133,0        | -                    | 125,0        | 4,00      | -                              | -                           | -                             |
| PR 152-2 V4    | 152,0        | -                    | 148,0        | 2,00      | -                              | -                           | -                             |
| PR 159-4.5 V4  | 159,0        | -                    | 150,0        | 4,50      | -                              | -                           | -                             |