

Архангельск (8182)63-90-72  
 Астана (7172)727-132  
 Астрахань (8512)99-46-04  
 Барнаул (3852)73-04-60  
 Белгород (4722)40-23-64  
 Брянск (4832)59-03-52  
 Владивосток (423)249-28-31  
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Ижевск (3412)26-03-58  
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 Краснодар (861)203-40-90  
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 Курск (4712)77-13-04  
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Магнитогорск (3519)55-03-13  
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## CF8M Check Valve

### Application

Face to Face Dimensions: ANSI B16.10

Flange end Dimension : ANSI B16.5

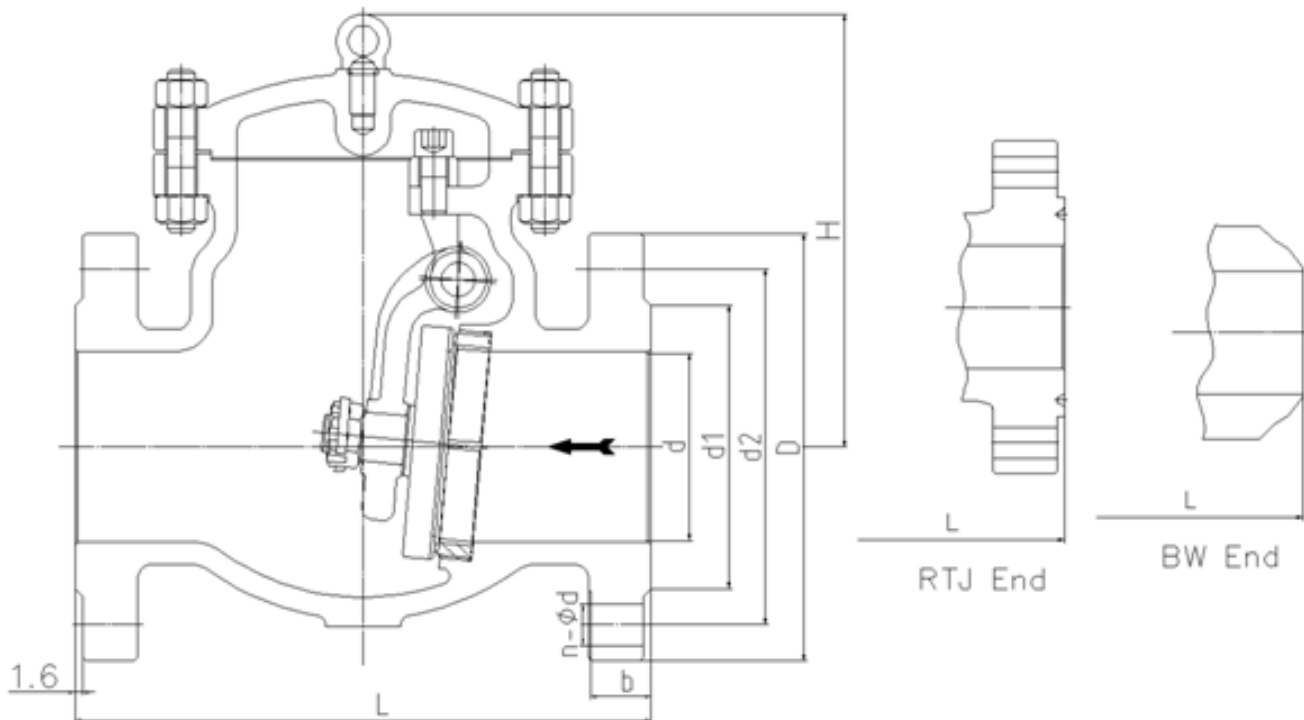
Butt Welded Dimensions : ANSI B16.25

Design and Manufacture : BS1868

Pressure Test : API598

Materials : CN7M, Monel, 20# Alloys, 4A, 5A, C95800, C95500, ect.

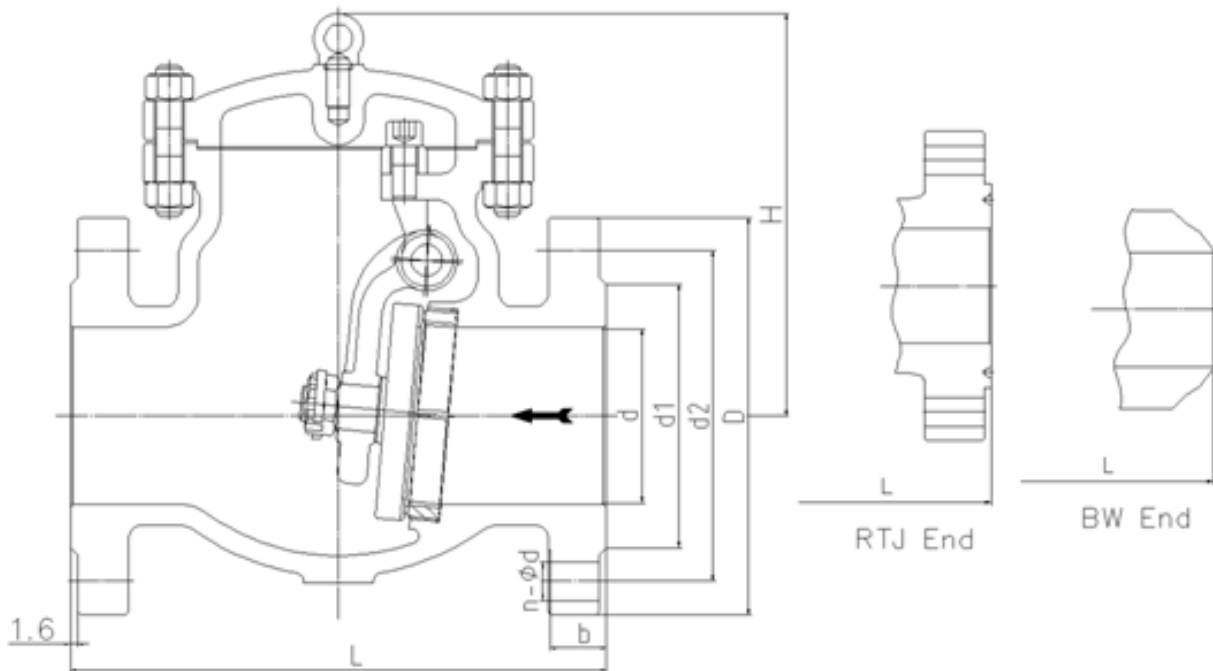
Class150 Super Stainless Steel check valves



| NPS    | in | 2     | 2 1/2 | 3     | 4     | 5   | 6     | 8     | 10  | 12  | 14  | 16  | 18  | 20  | 24    |
|--------|----|-------|-------|-------|-------|-----|-------|-------|-----|-----|-----|-----|-----|-----|-------|
| d      | mm | 51    | 64    | 76    | 102   | 127 | 152   | 203   | 254 | 305 | 337 | 387 | 438 | 489 | 591   |
| L(RF)  | mm | 203   | 216   | 241   | 292   | 330 | 356   | 495   | 622 | 699 | 787 | 864 | 978 | 978 | 1295  |
| L(BW)  | mm | 203   | 216   | 241   | 292   | 330 | 356   | 495   | 622 | 699 | 787 | 864 | 978 | 978 | 1295  |
| L(RTJ) | mm | 216   | 229   | 254   | 305   | 343 | 368   | 508   | 635 | 711 | 800 | 876 | 991 | 991 | 1308  |
| d1     | mm | 92    | 105   | 127   | 157   | 186 | 216   | 270   | 324 | 381 | 413 | 470 | 533 | 584 | 692   |
| d2     | mm | 120.5 | 139.5 | 152.5 | 190.5 | 216 | 241.5 | 298.5 | 362 | 432 | 476 | 540 | 578 | 635 | 749.5 |

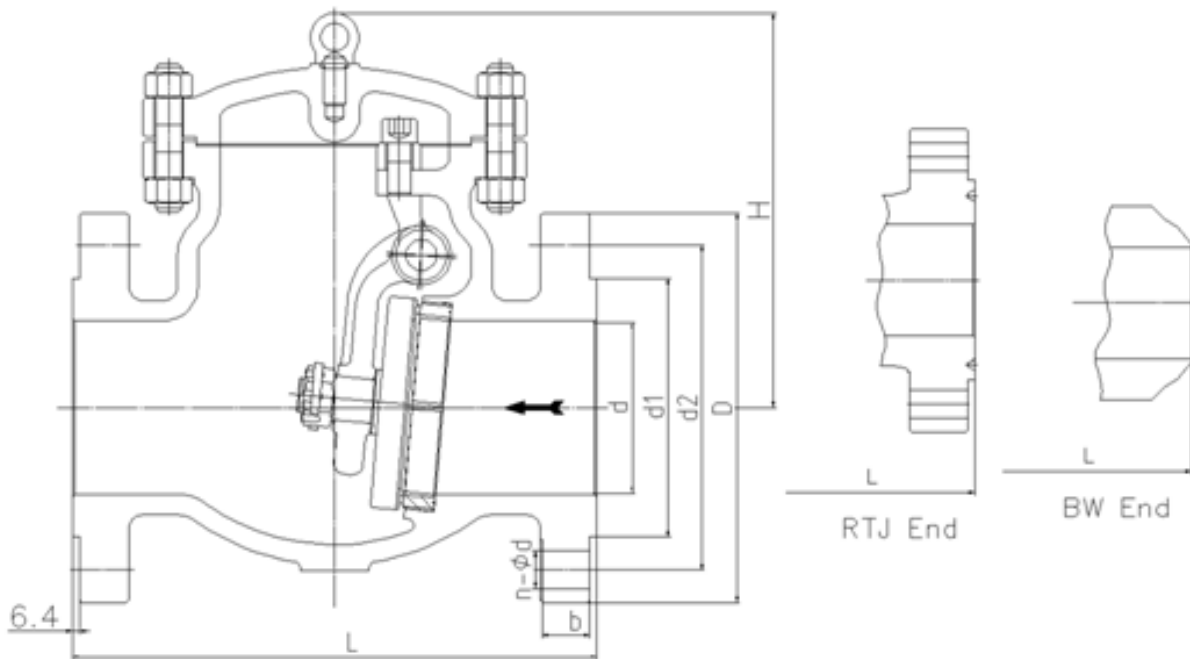
|      |    |      |      |      |      |      |      |      |       |       |       |       |       |       |       |
|------|----|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| D    | mm | 152  | 178  | 190  | 229  | 254  | 279  | 343  | 406   | 483   | 533   | 597   | 635   | 699   | 813   |
| b    | mm | 16   | 18   | 19   | 24   | 24   | 26   | 29   | 31    | 32    | 35    | 37    | 40    | 43    | 48    |
| n-Φd | mm | 4-19 | 4-19 | 4-19 | 8-19 | 8-22 | 8-22 | 8-22 | 12-25 | 12-25 | 12-29 | 16-29 | 16-32 | 20-32 | 20-35 |
| H    | mm | 132  | 147  | 176  | 198  | 255  | 320  | 380  | 440   | 480   | 530   | 580   | 618   | 657   | 760   |

**Class300 Super Stainless Stee check valves**



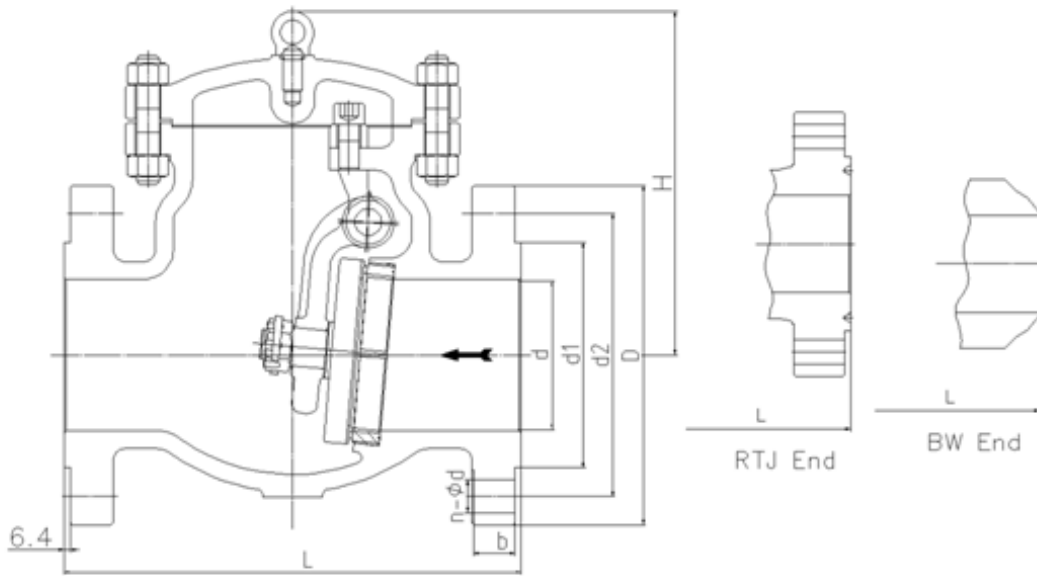
|        |    |      |       |       |      |      |       |       |       |       |       |       |       |       |       |
|--------|----|------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| NPS    | in | 2    | 2 1/2 | 3     | 4    | 5    | 6     | 8     | 10    | 12    | 14    | 16    | 18    | 20    | 24    |
| d      | mm | 51   | 64    | 76    | 102  | 127  | 152   | 203   | 254   | 305   | 337   | 387   | 432   | 483   | 584   |
| L(RF)  | mm | 267  | 292   | 318   | 356  | 400  | 445   | 533   | 622   | 711   | 838   | 864   | 978   | 1016  | 1346  |
| L(BW)  | mm | 267  | 292   | 318   | 356  | 400  | 445   | 533   | 622   | 711   | 838   | 864   | 978   | 1016  | 1346  |
| L(RTJ) | mm | 283  | 308   | 333   | 371  | 416  | 460   | 549   | 638   | 727   | 854   | 879   | 994   | 1035  | 1368  |
| d1     | mm | 92   | 105   | 127   | 157  | 186  | 216   | 270   | 324   | 381   | 413   | 470   | 533   | 584   | 692   |
| d2     | mm | 127  | 149   | 168.5 | 200  | 235  | 270   | 330   | 387.5 | 451   | 514.5 | 571.5 | 628.5 | 686   | 813   |
| D      | mm | 165  | 190   | 210   | 254  | 279  | 318   | 381   | 445   | 521   | 584   | 648   | 711   | 775   | 914   |
| b      | mm | 23   | 26    | 29    | 32   | 35   | 37    | 42    | 48    | 51    | 54    | 58    | 61    | 64    | 70    |
| n-Φd   | mm | 8-19 | 8-22  | 8-22  | 8-22 | 8-22 | 12-22 | 12-25 | 16-29 | 16-32 | 20-32 | 20-35 | 24-35 | 24-35 | 24-41 |
| H      | mm | 144  | 149   | 210   | 260  | 295  | 326   | 380   | 440   | 520   | 540   | 588   | 670   | 720   | 850   |

**Class600 Super Stainless Stee check valves**



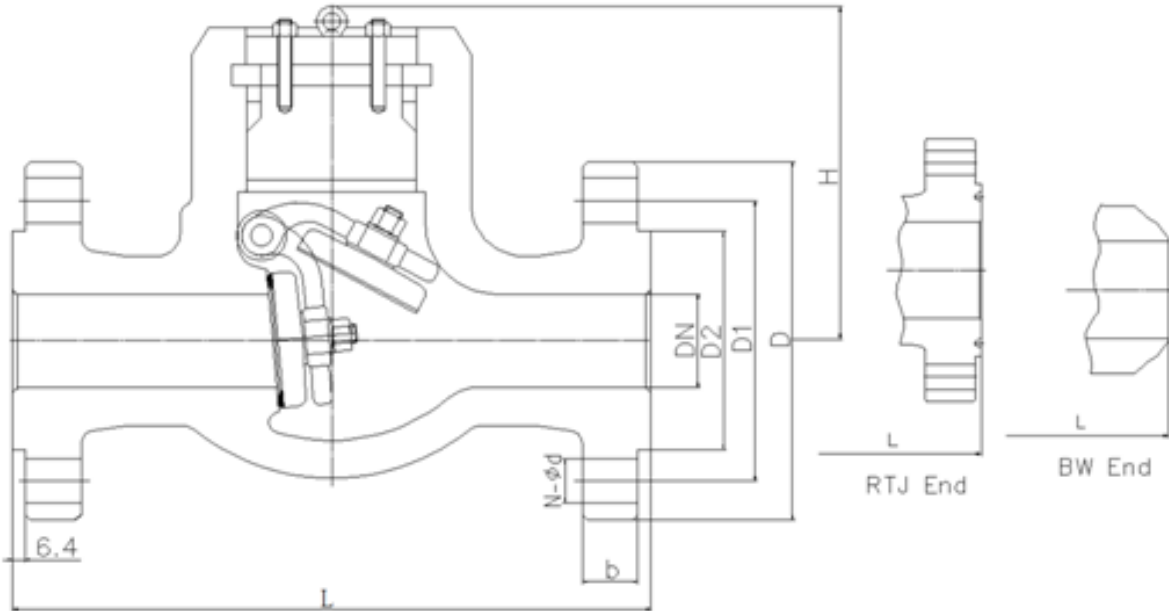
| NPS    | in | 2    | 2 1/2 | 3     | 4    | 5    | 6     | 8     | 10    | 12    | 14    | 16    | 18    | 20    | 24    |
|--------|----|------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| d      | mm | 51   | 64    | 76    | 102  | 127  | 152   | 200   | 248   | 298   | 327   | 375   | 419   | 464   | 559   |
| L(RF)  | mm | 292  | 330   | 356   | 432  | 508  | 559   | 660   | 787   | 838   | 889   | 991   | 1092  | 1194  | 1397  |
| L(BW)  | mm | 292  | 330   | 356   | 432  | 508  | 559   | 660   | 787   | 838   | 889   | 991   | 1092  | 1194  | 1397  |
| L(RTJ) | mm | 295  | 333   | 359   | 435  | 511  | 562   | 664   | 791   | 841   | 892   | 994   | 1095  | 1200  | 1407  |
| d1     | mm | 92   | 105   | 127   | 157  | 186  | 216   | 270   | 324   | 381   | 413   | 470   | 533   | 584   | 692   |
| d2     | mm | 127  | 149   | 168.5 | 216  | 267  | 292   | 349   | 432   | 489   | 527   | 603   | 654   | 724   | 838   |
| D      | mm | 165  | 190   | 210   | 273  | 330  | 356   | 419   | 508   | 559   | 603   | 686   | 743   | 813   | 940   |
| b      | mm | 26   | 29    | 32    | 38   | 45   | 48    | 56    | 64    | 67    | 70    | 77    | 83    | 89    | 102   |
| n-Φd   | mm | 8-19 | 8-22  | 8-22  | 8-25 | 8-29 | 12-29 | 12-32 | 16-35 | 20-35 | 20-38 | 20-41 | 20-44 | 24-44 | 24-52 |
| H      | mm | 170  | 178   | 246   | 290  | 320  | 360   | 430   | 502   | 554   | 595   | 680   | 778   | 970   | 1100  |

**Class900 Super Stainless Steel check valves**



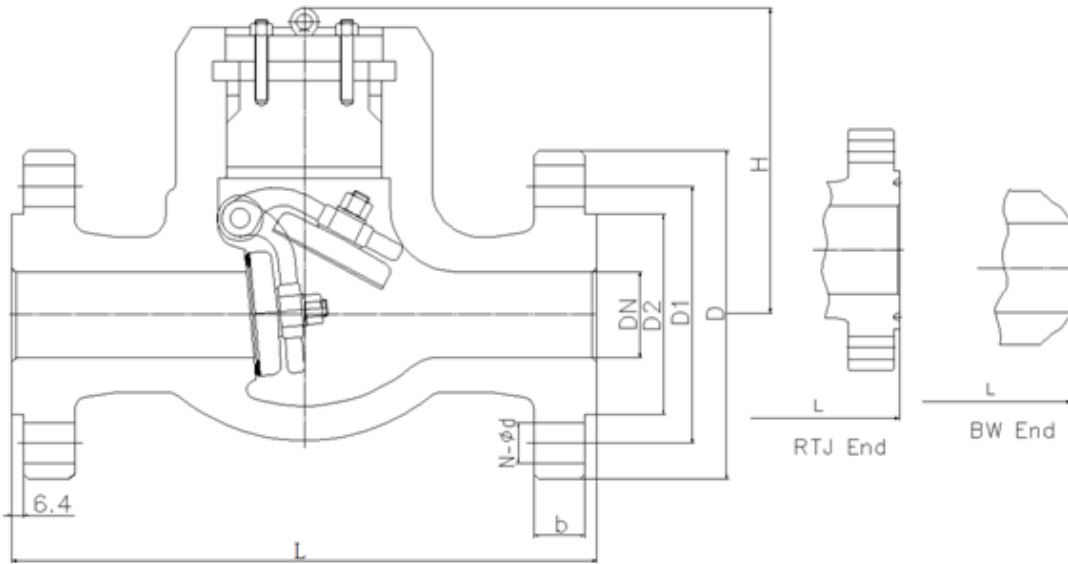
| NPS    | in | 2    | 2 1/2 | 3     | 4    | 5     | 6     | 8     | 10    | 12    | 14    | 16    | 18    | 20    | 24    |
|--------|----|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| d      | mm | 47   | 57    | 73    | 98   | 121   | 146   | 190   | 234   | 282   | 311   | 354   | 400   | 444   | 533   |
| L(RF)  | mm | 368  | 419   | 381   | 457  | 559   | 610   | 737   | 838   | 965   | 1029  | 1130  | 1219  | 1321  | 1549  |
| L(BW)  | mm | 368  | 419   | 381   | 457  | 559   | 610   | 737   | 838   | 965   | 1029  | 1130  | 1219  | 1321  | 1549  |
| L(RTJ) | mm | 371  | 422   | 384   | 460  | 562   | 613   | 740   | 841   | 968   | 1038  | 1140  | 1232  | 1334  | 1568  |
| d1     | mm | 92   | 105   | 127   | 157  | 186   | 216   | 270   | 324   | 381   | 413   | 470   | 533   | 584   | 692   |
| d2     | mm | 165  | 190.5 | 190.5 | 235  | 279.4 | 317.5 | 393.7 | 469.9 | 533.4 | 558.8 | 615.9 | 685.8 | 749.3 | 901.7 |
| D      | mm | 216  | 244   | 241   | 292  | 349   | 381   | 470   | 545   | 610   | 640   | 705   | 785   | 855   | 1040  |
| b      | mm | 38.5 | 41.5  | 38.5  | 44.5 | 51    | 56    | 64    | 70    | 79.5  | 86    | 89    | 102   | 108   | 140   |
| n-φd   | mm | 8-26 | 8-29  | 8-26  | 8-32 | 8-35  | 12-32 | 12-39 | 16-39 | 20-39 | 20-42 | 20-45 | 20-51 | 20-54 | 20-67 |
| H      | mm | 200  | 220   | 280   | 320  | 360   | 400   | 480   | 560   | 630   | 680   | 780   | 880   | 1050  | 1200  |

**Class1500 Super Stainless Stee check valves**



| NPS    | in | 2    | 2 1/2 | 3     | 4     | 5     | 6     | 8     | 10    | 12    | 14    | 16    |
|--------|----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| d      | mm | 47   | 57    | 70    | 92    | 111   | 136   | 178   | 222   | 263   | 289   | 330   |
| L(RF)  | mm | 368  | 419   | 470   | 546   | 673   | 705   | 832   | 991   | 1130  | 1257  | 1384  |
| L(BW)  | mm | 368  | 419   | 470   | 546   | 673   | 705   | 832   | 991   | 1130  | 1257  | 1384  |
| L(RTJ) | mm | 371  | 422   | 473   | 549   | 676   | 711   | 841   | 1000  | 1146  | 1276  | 1407  |
| d1     | mm | 92   | 105   | 127   | 157   | 186   | 216   | 270   | 324   | 381   | 413   | 470   |
| d2     | mm | 165  | 190.5 | 203.2 | 241.3 | 292.1 | 317.5 | 393.7 | 482.6 | 571.5 | 635   | 704.8 |
| D      | mm | 216  | 244   | 267   | 311   | 375   | 394   | 483   | 585   | 675   | 750   | 825   |
| b      | mm | 38.5 | 41.5  | 48    | 54    | 73.5  | 83    | 92.9  | 108   | 124   | 133.5 | 146.5 |
| n-Φd   | mm | 8-26 | 8-29  | 8-32  | 8-35  | 8-42  | 12-39 | 12-45 | 12-51 | 16-54 | 16-61 | 16-67 |
| H      | mm | 210  | 240   | 303   | 340   | 380   | 430   | 500   | 590   | 660   | 710   | 820   |

**Class2500 Super Stainless Stee check vlaves**



| NPS    | in | 2     | 2 1/2 | 3     | 4    | 5     | 6     | 8     | 10    | 12    |
|--------|----|-------|-------|-------|------|-------|-------|-------|-------|-------|
| d      | mm | 38    | 47    | 57    | 73   | 92    | 111   | 146   | 184   | 219   |
| L(RF)  | mm | 451   | 508   | 578   | 673  | 794   | 914   | 1022  | 1270  | 1422  |
| L(BW)  | mm | 451   | 508   | 578   | 673  | 794   | 914   | 1022  | 1270  | 1422  |
| L(RTJ) | mm | 454   | 514   | 584   | 683  | 807   | 927   | 1038  | 1292  | 1445  |
| d1     | mm | 92    | 105   | 127   | 157  | 186   | 216   | 270   | 324   | 381   |
| d2     | mm | 171.4 | 196.8 | 228.6 | 273  | 323.8 | 368.3 | 438.1 | 539.7 | 619.1 |
| D      | mm | 235   | 267   | 305   | 356  | 419   | 483   | 550   | 675   | 760   |
| b      | mm | 51    | 57.5  | 67    | 76.5 | 92.5  | 108   | 127   | 165.5 | 184.5 |
| n-Ød   | mm | 8-29  | 8-32  | 8-35  | 8-42 | 8-48  | 8-54  | 12-54 | 12-67 | 12-74 |
| H      | mm | 230   | 260   | 330   | 370  | 410   | 460   | 530   | 620   | 690   |

API Trim NO. Table

| No of internal parts | Seat ring or body | Gate, disc, ball or body | Stem  | No of internal parts | Seat ring or body | Gate, disc, ball or body | Stem     |
|----------------------|-------------------|--------------------------|-------|----------------------|-------------------|--------------------------|----------|
| 01                   | 13Cr              | 13Cr                     | 13Cr  | 31                   | STELLITE          | 321SS                    | 321SS    |
| 02                   | 304SS             | 304SS                    | 304SS | 32                   | STELLITE          | STELLITE                 | 321SS    |
| 03                   | 310SS             | 310SS                    | 310SS | 33                   | 347SS             | 347SS                    | 347SS    |
| 04                   | HARD 13Cr         | HARD 13Cr                | 13Cr  | 34                   | STELLITE          | 347SS                    | 347SS    |
| 05                   | STELLITE          | STELLITE                 | 13Cr  | 35                   | NICKEL ALLOY      | 13Cr                     | 13Cr     |
| 06                   | Cu-Ni             | 13Cr                     | 13Cr  | 36                   | A105/PTFE         | A105+ENP                 | A105+ENP |
| 07                   | 13Cr              | HARD 13Cr                | 13Cr  | 37                   | A105/PTFE         | WCB+ENP                  | A105+ENP |

|    |             |             |             |    |             |          |          |
|----|-------------|-------------|-------------|----|-------------|----------|----------|
| 08 | STELLITE    | 13Cr        | 13Cr        | 38 | 13Cr/PTFE   | 13Cr     | 13Cr     |
| 09 | Cu-Ni       | Cu-Ni       | Cu-Ni       | 39 | 304SS/PTFE  | 304SS    | 304SS    |
| 10 | 316SS       | 316SS       | 316SS       | 40 | 316SS/PTFE  | 316SS    | 316SS    |
| 11 | Cu-Ni       | STELLITE    | Cu-Ni       | 41 | A105/RPTFE  | A105+ENP | A105+ENP |
| 12 | STELLITE    | 316SS       | 316SS       | 42 | A105/RPTFE  | WCB+ENP  | A105+ENP |
| 13 | ALLOY 20    | ALLOY 20    | ALLOY 20    | 43 | 13Cr/RPTFE  | 13Cr     | 13Cr     |
| 14 | STELLITE    | ALLOY 20    | ALLOY 20    | 44 | 304SS/RPTFE | 304SS    | 304SS    |
| 15 | STELLITE    | STELLITE    | 304SS       | 45 | 316SS/RPTFE | 316SS    | 316SS    |
| 16 | STELLITE    | STELLITE    | 316SS       | 46 | A105/NYLON  | A105+ENP | A105+ENP |
| 17 | STELLITE    | STELLITE    | 347SS       | 47 | A105/NYLON  | WCB+ENP  | A105+ENP |
| 18 | STELLITE    | STELLITE    | ALLOY 20    | 48 | A105/NYLON  | 304SS    | 304SS    |
| 19 | MONEL       | MONEL       | MONEL       | 49 | A105/NYLON  | 316SS    | 316SS    |
| 20 | BRONZE      | BRONZE      | 13Cr        | 50 | 13Cr/NYLON  | 13Cr     | 13Cr     |
| 21 | HASTELLOY B | HASTELLOY B | HASTELLOY B | 51 | 304SS/NYLON | 304SS    | 304SS    |
| 22 |             | HASTELLOY C | HASTELLOY C | 52 | 316SS/NYLON | 316SS    | 316SS    |
| 23 | STELLITE    | 304SS       | 304SS       | 53 | A105/PEEK   | A105+ENP | A105+ENP |
| 24 | 304LSS      | 304LSS      | 304LSS      | 54 | A105/PEEK   | WCB+ENP  | A105+ENP |
| 25 | STELLITE    | 304LSS      | 304LSS      | 55 | 13Cr/PEEK   | 13Cr     | 13Cr     |
| 26 | STELLITE    | STELLITE    | 304LSS      | 56 | 304SS/PEEK  | 304SS    | 304SS    |
| 27 | 316LSS      | 316LSS      | 316LSS      | 57 | 316SS/PEEK  | 316SS    | 316SS    |
| 28 | STELLITE    | 316LSS      | 316LSS      |    |             |          |          |
| 29 | STELLITE    | STELLITE    | 316LSS      |    |             |          |          |
| 30 | 321SS       | 321SS       | 321SS       |    |             |          |          |

Note: please indicate it directly in the order for the internal part's material uncovered in the table

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Белгород (4722)40-23-64  
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Оренбург (3532)37-68-04  
Пенза (8412)22-31-16  
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