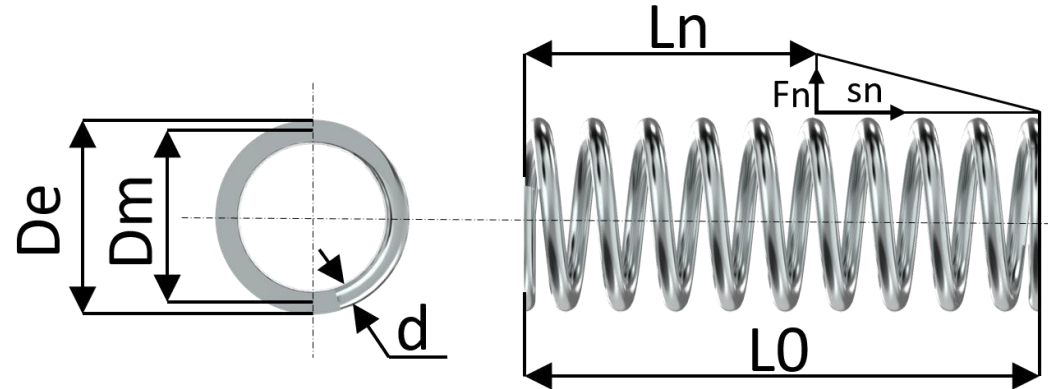


TLAČNÉ  
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Výroba a predaj pružín

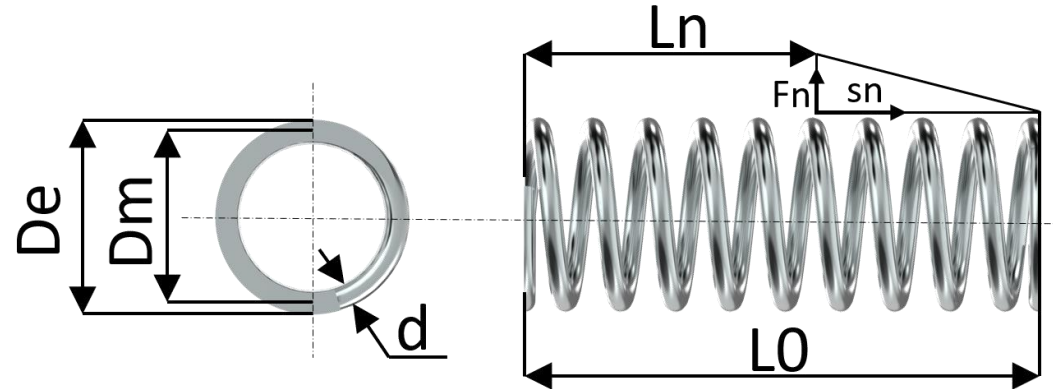
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| Katalógové číslo | priemer drôtu d (mm) | stredný priemer Dm (mm) | vonkajší priemer De (mm) | voľná dĺžka L0 (mm) | počet činných závitov n (-) | počet všetkých závitov nt (-) | dĺžka pri maximálnom stlačení Ln (mm) | maximálna sila pri stlačení na Ln Fn (N) | tuhosť R(N/mm) | hmotnosť (g) |
|------------------|----------------------|-------------------------|--------------------------|---------------------|-----------------------------|-------------------------------|---------------------------------------|------------------------------------------|----------------|--------------|
| TL 5000x250x0400 | 5,000                | 20,00                   | 25,00                    | 40,00               | 4,50                        | 6,50                          | 35,29                                 | 833,04                                   | 176,87         | 62,95        |
| TL 5000x250x0560 | 5,000                | 20,00                   | 25,00                    | 56,00               | 6,50                        | 8,50                          | 46,53                                 | 1159,56                                  | 122,45         | 82,32        |
| TL 5000x250x0710 | 5,000                | 20,00                   | 25,00                    | 71,00               | 8,50                        | 10,50                         | 57,77                                 | 1238,79                                  | 93,64          | 101,69       |
| TL 5000x250x0900 | 5,000                | 20,00                   | 25,00                    | 90,00               | 11,50                       | 13,50                         | 74,63                                 | 1063,74                                  | 69,21          | 130,74       |
| TL 5000x300x0450 | 5,000                | 25,00                   | 30,00                    | 45,00               | 4,50                        | 6,50                          | 35,59                                 | 851,79                                   | 90,56          | 78,69        |
| TL 5000x300x0600 | 5,000                | 25,00                   | 30,00                    | 60,00               | 6,50                        | 8,50                          | 46,97                                 | 816,96                                   | 62,69          | 102,90       |
| TL 5000x300x0750 | 5,000                | 25,00                   | 30,00                    | 75,00               | 8,50                        | 10,50                         | 58,34                                 | 798,52                                   | 47,94          | 127,11       |
| TL 5000x300x1000 | 5,000                | 25,00                   | 30,00                    | 100,00              | 11,50                       | 13,50                         | 75,41                                 | 871,47                                   | 35,43          | 163,43       |
| TL 5000x300x0410 | 5,000                | 25,00                   | 30,00                    | 41,00               | 3,50                        | 5,50                          | 29,91                                 | 1291,63                                  | 116,43         | 66,58        |
| TL 5000x300x0600 | 5,000                | 25,00                   | 30,00                    | 60,00               | 5,50                        | 7,50                          | 41,28                                 | 1386,89                                  | 74,09          | 90,79        |
| TL 5000x300x0875 | 5,000                | 25,00                   | 30,00                    | 87,50               | 8,50                        | 10,50                         | 58,34                                 | 1397,78                                  | 47,94          | 127,11       |
| TL 5000x300x1250 | 5,000                | 25,00                   | 30,00                    | 125,00              | 12,50                       | 14,50                         | 81,09                                 | 1431,34                                  | 32,60          | 175,53       |
| TL 5000x300x1800 | 5,000                | 25,00                   | 30,00                    | 180,00              | 18,50                       | 20,50                         | 115,22                                | 1426,94                                  | 22,03          | 248,17       |
| TL 5000x365x0530 | 5,000                | 31,50                   | 36,50                    | 53,00               | 4,50                        | 6,50                          | 36,09                                 | 765,52                                   | 45,27          | 99,15        |
| TL 5000x365x0710 | 5,000                | 31,50                   | 36,50                    | 71,00               | 6,50                        | 8,50                          | 47,68                                 | 730,70                                   | 31,34          | 129,65       |
| TL 5000x365x0900 | 5,000                | 31,50                   | 36,50                    | 90,00               | 8,50                        | 10,50                         | 59,28                                 | 736,23                                   | 23,97          | 160,16       |
| TL 5000x365x1200 | 5,000                | 31,50                   | 36,50                    | 120,00              | 11,50                       | 13,50                         | 76,67                                 | 767,49                                   | 17,71          | 205,92       |
| TL 5000x370x0510 | 5,000                | 32,00                   | 37,00                    | 51,00               | 3,50                        | 5,50                          | 30,33                                 | 1147,81                                  | 55,52          | 85,22        |
| TL 5000x370x0750 | 5,000                | 32,00                   | 37,00                    | 75,00               | 5,50                        | 7,50                          | 41,94                                 | 1168,00                                  | 35,33          | 116,21       |
| TL 5000x370x1100 | 5,000                | 32,00                   | 37,00                    | 110,00              | 8,50                        | 10,50                         | 59,36                                 | 1157,61                                  | 22,86          | 162,70       |
| TL 5000x370x1600 | 5,000                | 32,00                   | 37,00                    | 160,00              | 12,50                       | 14,50                         | 82,59                                 | 1203,33                                  | 15,54          | 224,68       |
| TL 5000x370x2300 | 5,000                | 32,00                   | 37,00                    | 230,00              | 18,50                       | 20,50                         | 117,43                                | 1182,32                                  | 10,50          | 317,65       |
| TL 5000x450x0630 | 5,000                | 40,00                   | 45,00                    | 63,00               | 4,50                        | 6,50                          | 36,91                                 | 576,81                                   | 22,11          | 125,90       |
| TL 5000x450x0900 | 5,000                | 40,00                   | 45,00                    | 90,00               | 6,50                        | 8,50                          | 48,87                                 | 629,53                                   | 15,31          | 164,64       |
| TL 5000x450x1200 | 5,000                | 40,00                   | 45,00                    | 120,00              | 8,50                        | 10,50                         | 60,83                                 | 692,55                                   | 11,70          | 203,38       |
| TL 5000x450x1500 | 5,000                | 40,00                   | 45,00                    | 150,00              | 11,50                       | 13,50                         | 78,77                                 | 616,22                                   | 8,65           | 261,48       |
| TL 5000x450x0640 | 5,000                | 40,00                   | 45,00                    | 64,00               | 3,50                        | 5,50                          | 30,93                                 | 940,01                                   | 28,42          | 106,53       |
| TL 5000x450x0955 | 5,000                | 40,00                   | 45,00                    | 95,50               | 5,50                        | 7,50                          | 42,89                                 | 951,64                                   | 18,09          | 145,27       |
| TL 5000x450x1400 | 5,000                | 40,00                   | 45,00                    | 140,00              | 8,50                        | 10,50                         | 60,83                                 | 926,64                                   | 11,70          | 203,38       |
| TL 5000x450x2050 | 5,000                | 40,00                   | 45,00                    | 205,00              | 12,50                       | 14,50                         | 84,75                                 | 957,07                                   | 7,96           | 280,85       |
| TL 5000x450x3000 | 5,000                | 40,00                   | 45,00                    | 300,00              | 18,50                       | 20,50                         | 120,63                                | 964,60                                   | 5,38           | 397,07       |
| TL 5000x550x0850 | 5,000                | 50,00                   | 55,00                    | 85,00               | 4,50                        | 6,50                          | 38,13                                 | 530,60                                   | 11,32          | 157,37       |
| TL 5000x550x1200 | 5,000                | 50,00                   | 55,00                    | 120,00              | 6,50                        | 8,50                          | 50,63                                 | 543,66                                   | 7,84           | 205,80       |
| TL 5000x550x1500 | 5,000                | 50,00                   | 55,00                    | 150,00              | 8,50                        | 10,50                         | 63,13                                 | 520,61                                   | 5,99           | 254,22       |
| TL 5000x550x2000 | 5,000                | 50,00                   | 55,00                    | 200,00              | 11,50                       | 13,50                         | 81,88                                 | 523,22                                   | 4,43           | 326,85       |
| TL 5000x550x0850 | 5,000                | 50,00                   | 55,00                    | 85,00               | 3,50                        | 5,50                          | 31,88                                 | 773,16                                   | 14,55          | 133,16       |
| TL 5000x550x1300 | 5,000                | 50,00                   | 55,00                    | 130,00              | 5,50                        | 7,50                          | 44,38                                 | 793,00                                   | 9,26           | 181,59       |
| TL 5000x550x1950 | 5,000                | 50,00                   | 55,00                    | 195,00              | 8,50                        | 10,50                         | 63,13                                 | 790,28                                   | 5,99           | 254,22       |
| TL 5000x550x2800 | 5,000                | 50,00                   | 55,00                    | 280,00              | 12,50                       | 14,50                         | 88,13                                 | 781,89                                   | 4,08           | 351,06       |
| TL 5000x550x4100 | 5,000                | 50,00                   | 55,00                    | 410,00              | 18,50                       | 20,50                         | 125,63                                | 782,99                                   | 2,75           | 496,33       |

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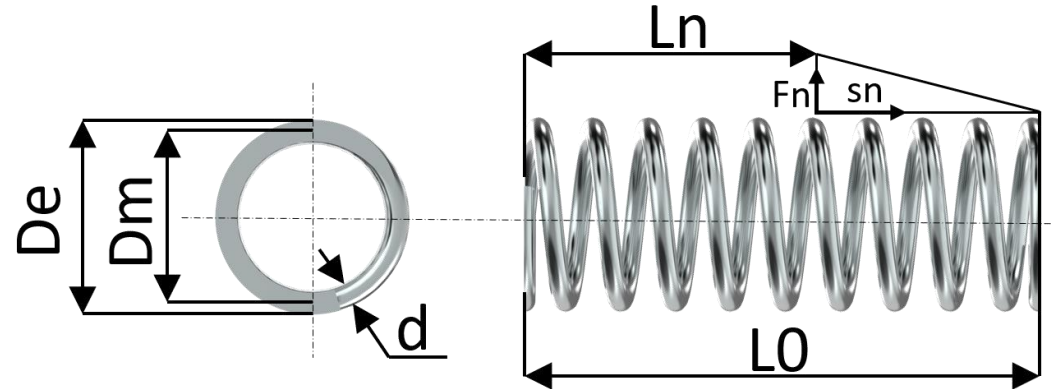
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|------------------|----------------------|-------------------------|--------------------------|---------------------|-----------------------------|-------------------------------|---------------------------------------|------------------------------------------|----------------|--------------|
| TL 5000x680x1100 | 5,000                | 63,00                   | 68,00                    | 110,00              | 4,50                        | 6,50                          | 40,11                                 | 395,49                                   | 5,66           | 198,29       |
| TL 5000x680x1600 | 5,000                | 63,00                   | 68,00                    | 160,00              | 6,50                        | 8,50                          | 53,49                                 | 417,26                                   | 3,92           | 259,30       |
| TL 5000x680x2000 | 5,000                | 63,00                   | 68,00                    | 200,00              | 8,50                        | 10,50                         | 66,87                                 | 398,82                                   | 3,00           | 320,32       |
| TL 5000x680x2800 | 5,000                | 63,00                   | 68,00                    | 280,00              | 11,50                       | 13,50                         | 86,94                                 | 427,48                                   | 2,21           | 411,84       |
| TL 5000x680x1200 | 5,000                | 63,00                   | 68,00                    | 120,00              | 3,50                        | 5,50                          | 33,42                                 | 629,92                                   | 7,28           | 167,78       |
| TL 5000x680x1800 | 5,000                | 63,00                   | 68,00                    | 180,00              | 5,50                        | 7,50                          | 46,80                                 | 616,70                                   | 4,63           | 228,80       |
| TL 5000x680x2750 | 5,000                | 63,00                   | 68,00                    | 275,00              | 8,50                        | 10,50                         | 66,87                                 | 623,50                                   | 3,00           | 320,32       |
| TL 5000x680x3950 | 5,000                | 63,00                   | 68,00                    | 395,00              | 12,50                       | 14,50                         | 93,63                                 | 613,92                                   | 2,04           | 442,34       |
| TL 5000x680x5850 | 5,000                | 63,00                   | 68,00                    | 585,00              | 18,50                       | 20,50                         | 133,78                                | 621,08                                   | 1,38           | 625,38       |

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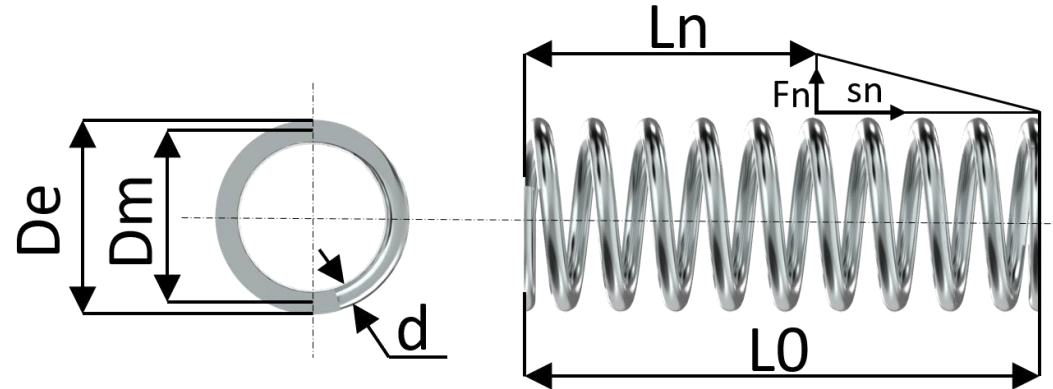
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|------------------|----------------------|-------------------------|--------------------------|---------------------|-----------------------------|-------------------------------|---------------------------------------|------------------------------------------|----------------|--------------|
| TL 6300x313x0500 | 6,300                | 25,00                   | 31,30                    | 50,00               | 4,50                        | 6,50                          | 44,45                                 | 1265,69                                  | 228,24         | 124,92       |
| TL 6300x313x0710 | 6,300                | 25,00                   | 31,30                    | 71,00               | 6,50                        | 8,50                          | 58,61                                 | 1957,44                                  | 158,01         | 163,36       |
| TL 6300x313x0850 | 6,300                | 25,00                   | 31,30                    | 85,00               | 8,50                        | 10,50                         | 72,77                                 | 1477,82                                  | 120,83         | 201,80       |
| TL 6300x313x1100 | 6,300                | 25,00                   | 31,30                    | 110,00              | 11,50                       | 13,50                         | 94,01                                 | 1428,44                                  | 89,31          | 259,46       |
| TL 6300x378x0560 | 6,300                | 31,50                   | 37,80                    | 56,00               | 4,50                        | 6,50                          | 44,85                                 | 1272,43                                  | 114,10         | 157,40       |
| TL 6300x378x0750 | 6,300                | 31,50                   | 37,80                    | 75,00               | 6,50                        | 8,50                          | 59,18                                 | 1249,61                                  | 78,99          | 205,84       |
| TL 6300x378x0950 | 6,300                | 31,50                   | 37,80                    | 95,00               | 8,50                        | 10,50                         | 73,51                                 | 1297,93                                  | 60,41          | 254,27       |
| TL 6300x378x1230 | 6,300                | 31,50                   | 37,80                    | 123,00              | 11,50                       | 13,50                         | 95,01                                 | 1249,61                                  | 44,65          | 326,91       |
| TL 6300x383x0500 | 6,300                | 32,00                   | 38,30                    | 50,00               | 3,50                        | 5,50                          | 37,71                                 | 1719,98                                  | 139,93         | 135,30       |
| TL 6300x383x0750 | 6,300                | 32,00                   | 38,30                    | 75,00               | 5,50                        | 7,50                          | 52,06                                 | 2043,09                                  | 89,05          | 184,50       |
| TL 6300x383x1100 | 6,300                | 32,00                   | 38,30                    | 110,00              | 8,50                        | 10,50                         | 73,58                                 | 2098,61                                  | 57,62          | 258,30       |
| TL 6300x383x1550 | 6,300                | 32,00                   | 38,30                    | 155,00              | 12,50                       | 14,50                         | 102,27                                | 2065,88                                  | 39,18          | 356,70       |
| TL 6300x383x2250 | 6,300                | 32,00                   | 38,30                    | 225,00              | 18,50                       | 20,50                         | 145,32                                | 2109,51                                  | 26,47          | 504,31       |
| TL 6300x463x0670 | 6,300                | 40,00                   | 46,30                    | 67,00               | 4,50                        | 6,50                          | 45,50                                 | 1198,09                                  | 55,72          | 199,88       |
| TL 6300x463x0900 | 6,300                | 40,00                   | 46,30                    | 90,00               | 6,50                        | 8,50                          | 60,12                                 | 1152,66                                  | 38,58          | 261,38       |
| TL 6300x463x1200 | 6,300                | 40,00                   | 46,30                    | 120,00              | 8,50                        | 10,50                         | 74,74                                 | 1335,11                                  | 29,50          | 322,88       |
| TL 6300x463x1500 | 6,300                | 40,00                   | 46,30                    | 150,00              | 11,50                       | 13,50                         | 96,68                                 | 1162,72                                  | 21,80          | 415,13       |
| TL 6300x463x0600 | 6,300                | 40,00                   | 46,30                    | 60,00               | 3,50                        | 5,50                          | 38,19                                 | 1562,68                                  | 71,64          | 169,13       |
| TL 6300x463x0900 | 6,300                | 40,00                   | 46,30                    | 90,00               | 5,50                        | 7,50                          | 52,81                                 | 1695,55                                  | 45,59          | 230,63       |
| TL 6300x463x1350 | 6,300                | 40,00                   | 46,30                    | 135,00              | 8,50                        | 10,50                         | 74,74                                 | 1777,62                                  | 29,50          | 322,88       |
| TL 6300x463x1950 | 6,300                | 40,00                   | 46,30                    | 195,00              | 12,50                       | 14,50                         | 103,99                                | 1825,76                                  | 20,06          | 445,88       |
| TL 6300x463x2800 | 6,300                | 40,00                   | 46,30                    | 280,00              | 18,50                       | 20,50                         | 147,85                                | 1791,17                                  | 13,55          | 630,38       |
| TL 6300x563x0800 | 6,300                | 50,00                   | 56,30                    | 80,00               | 4,50                        | 6,50                          | 46,46                                 | 956,81                                   | 28,53          | 249,85       |
| TL 6300x563x1100 | 6,300                | 50,00                   | 56,30                    | 110,00              | 6,50                        | 8,50                          | 61,51                                 | 957,68                                   | 19,75          | 326,72       |
| TL 6300x563x1400 | 6,300                | 50,00                   | 56,30                    | 140,00              | 8,50                        | 10,50                         | 76,56                                 | 958,15                                   | 15,10          | 403,60       |
| TL 6300x563x1800 | 6,300                | 50,00                   | 56,30                    | 180,00              | 11,50                       | 13,50                         | 99,14                                 | 902,72                                   | 11,16          | 518,91       |
| TL 6300x563x0800 | 6,300                | 50,00                   | 56,30                    | 80,00               | 3,50                        | 5,50                          | 38,94                                 | 1506,22                                  | 36,68          | 211,41       |
| TL 6300x563x1150 | 6,300                | 50,00                   | 56,30                    | 115,00              | 5,50                        | 7,50                          | 53,99                                 | 1424,19                                  | 23,34          | 288,28       |
| TL 6300x563x1750 | 6,300                | 50,00                   | 56,30                    | 175,00              | 8,50                        | 10,50                         | 76,56                                 | 1486,80                                  | 15,10          | 403,60       |
| TL 6300x563x2500 | 6,300                | 50,00                   | 56,30                    | 250,00              | 12,50                       | 14,50                         | 106,67                                | 1472,18                                  | 10,27          | 557,35       |
| TL 6300x563x3650 | 6,300                | 50,00                   | 56,30                    | 365,00              | 18,50                       | 20,50                         | 151,82                                | 1479,45                                  | 6,94           | 787,98       |
| TL 6300x693x1050 | 6,300                | 63,00                   | 69,30                    | 105,00              | 4,50                        | 6,50                          | 48,04                                 | 812,43                                   | 14,26          | 314,81       |
| TL 6300x693x1500 | 6,300                | 63,00                   | 69,30                    | 150,00              | 6,50                        | 8,50                          | 63,79                                 | 851,27                                   | 9,87           | 411,67       |
| TL 6300x693x1900 | 6,300                | 63,00                   | 69,30                    | 190,00              | 8,50                        | 10,50                         | 79,54                                 | 834,07                                   | 7,55           | 508,53       |
| TL 6300x693x2500 | 6,300                | 63,00                   | 69,30                    | 250,00              | 11,50                       | 13,50                         | 103,16                                | 819,50                                   | 5,58           | 653,83       |
| TL 6300x693x1050 | 6,300                | 63,00                   | 69,30                    | 105,00              | 3,50                        | 5,50                          | 40,16                                 | 1188,96                                  | 18,34          | 266,38       |
| TL 6300x693x1550 | 6,300                | 63,00                   | 69,30                    | 155,00              | 5,50                        | 7,50                          | 55,91                                 | 1156,28                                  | 11,67          | 363,24       |
| TL 6300x693x2350 | 6,300                | 63,00                   | 69,30                    | 235,00              | 8,50                        | 10,50                         | 79,54                                 | 1173,86                                  | 7,55           | 508,53       |
| TL 6300x693x3400 | 6,300                | 63,00                   | 69,30                    | 340,00              | 12,50                       | 14,50                         | 111,04                                | 1175,61                                  | 5,13           | 702,26       |
| TL 6300x693x5000 | 6,300                | 63,00                   | 69,30                    | 500,00              | 18,50                       | 20,50                         | 158,29                                | 1185,49                                  | 3,47           | 992,85       |

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|------------------|----------------------|-------------------------|--------------------------|---------------------|-----------------------------|-------------------------------|---------------------------------------|------------------------------------------|----------------|--------------|
| TL 6300x863x1400 | 6,300                | 80,00                   | 86,30                    | 140,00              | 4,50                        | 6,50                          | 50,64                                 | 622,42                                   | 6,97           | 399,75       |
| TL 6300x863x2000 | 6,300                | 80,00                   | 86,30                    | 200,00              | 6,50                        | 8,50                          | 67,55                                 | 638,70                                   | 4,82           | 522,76       |
| TL 6300x863x2500 | 6,300                | 80,00                   | 86,30                    | 250,00              | 8,50                        | 10,50                         | 84,46                                 | 610,45                                   | 3,69           | 645,76       |
| TL 6300x863x3400 | 6,300                | 80,00                   | 86,30                    | 340,00              | 11,50                       | 13,50                         | 109,82                                | 627,38                                   | 2,73           | 830,26       |
| TL 6300x863x1450 | 6,300                | 80,00                   | 86,30                    | 145,00              | 3,50                        | 5,50                          | 42,19                                 | 920,73                                   | 8,96           | 338,25       |
| TL 6300x863x2200 | 6,300                | 80,00                   | 86,30                    | 220,00              | 5,50                        | 7,50                          | 59,10                                 | 916,99                                   | 5,70           | 461,26       |
| TL 6300x863x3350 | 6,300                | 80,00                   | 86,30                    | 335,00              | 8,50                        | 10,50                         | 84,46                                 | 923,89                                   | 3,69           | 645,76       |
| TL 6300x863x4900 | 6,300                | 80,00                   | 86,30                    | 490,00              | 12,50                       | 14,50                         | 118,27                                | 932,13                                   | 2,51           | 891,76       |
| TL 6300x863x7200 | 6,300                | 80,00                   | 86,30                    | 720,00              | 18,50                       | 20,50                         | 169,00                                | 933,56                                   | 1,69           | 1260,77      |