



- d priemer drôtu
- $D_1$  vonkajší priemer pružiny
- $L_0$  dĺžka pružiny vo voľnom stave
- z celkový počet závitov
- n počet činných závitov
- $L_8$  dĺžka pružiny v zaťaženom stave
- $F_8$  sila pružiny v zaťaženom stave
- i pomer vinutia  $D/d$
- c tuhosť pružiny  
/sila pružiny pri stlačení o 1mm/

Tolerancie podľa STN 026002

| d           | $D_1$ | $L_0$ | z    | n      | $L_8$    | $F_8$    | C       | i                   | Katalógové číslo   |
|-------------|-------|-------|------|--------|----------|----------|---------|---------------------|--------------------|
| /mm/        | /mm/  | /mm/  | /ks/ | /ks/   | /mm/     | /N/      | /N/mm/  | /-/                 |                    |
| <b>12,0</b> | 75    | 100   | 5,5  | 3,5    | 71,94    | 6774,008 | 241,381 | 5,25                | TL 12000x750x1000  |
|             |       | 140   | 7,5  | 5,5    | 99,33    | 6247,359 | 153,606 |                     | TL 12000x750x1400  |
|             |       | 200   | 10,5 | 8,5    | 140,42   | 5922,076 | 99,392  |                     | TL 12000x750x2000  |
|             |       | 295   | 14,5 | 12,5   | 195,20   | 6745,042 | 67,587  |                     | TL 12000x750x2950  |
|             |       | 425   | 20,5 | 18,5   | 277,38   | 6741,389 | 45,667  |                     | TL 12000x750x4250  |
|             | 80    | 105   | 5,5  | 3,5    | 75,22    | 6291,686 | 191,954 | 5,67                | TL 12000x800x1050  |
|             |       | 150   | 7,5  | 5,5    | 99,78    | 6134,632 | 122,153 |                     | TL 12000x800x1500  |
|             |       | 220   | 10,5 | 8,5    | 141,11   | 6235,229 | 79,040  |                     | TL 12000x800x2200  |
|             |       | 320   | 14,5 | 12,5   | 196,23   | 6652,560 | 53,747  |                     | TL 12000x800x3200  |
|             |       | 460   | 20,5 | 18,5   | 278,89   | 6577,023 | 36,316  |                     | TL 12000x800x4600  |
|             | 110   | 145   | 5,5  | 3,5    | 74,40    | 4527,310 | 64,128  | 8,17                | TL 12000x1100x1450 |
|             |       | 215   | 7,5  | 5,5    | 103,20   | 4562,289 | 40,809  |                     | TL 12000x1100x2150 |
|             |       | 300   | 10,5 | 8,5    | 146,40   | 4055,782 | 26,406  |                     | TL 12000x1100x3000 |
|             |       | 460   | 14,5 | 12,5   | 204,01   | 4596,568 | 17,956  |                     | TL 12000x1100x4600 |
|             |       | 670   | 20,5 | 18,5   | 290,41   | 4605,304 | 12,132  |                     | TL 12000x1100x6700 |
|             | 135   | 180   | 5,5  | 3,5    | 76,82    | 3346,642 | 32,435  | 10,25               | TL 12000x1350x1800 |
|             |       | 280   | 7,5  | 5,5    | 107,00   | 3570,736 | 20,640  |                     | TL 12000x1350x2800 |
|             |       | 420   | 10,5 | 8,5    | 152,27   | 3575,592 | 13,355  |                     | TL 12000x1350x4200 |
|             |       | 620   | 14,5 | 12,5   | 212,64   | 3699,531 | 9,082   |                     | TL 12000x1350x6200 |
|             |       | 900   | 20,5 | 18,5   | 303,19   | 3662,222 | 6,136   |                     | TL 12000x1350x9000 |
| 165         | 230   | 5,5   | 3,5  | 80,44  | 2520,354 | 16,852   | 12,75   | TL 12000x1650x2300  |                    |
|             | 350   | 7,5   | 5,5  | 112,69 | 2544,866 | 10,724   |         | TL 12000x1650x3500  |                    |
|             | 550   | 10,5  | 8,5  | 161,07 | 2698,786 | 6,939    |         | TL 12000x1650x5500  |                    |
|             | 800   | 14,5  | 12,5 | 225,00 | 2713,165 | 4,719    |         | TL 12000x1650x8000  |                    |
|             | 1160  | 20,5  | 18,5 | 322,33 | 2670,655 | 3,188    |         | TL 12000x1650x11600 |                    |



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