



OIL HARDENED & TEMPERED SPRING STEEL WIRE TO EN 10270-2: 2001

Tensile Strength for Wire Grades TDC, TDCrV, TDSiCr, VDC, VDCrV AND VDSiCr

Nominal Wire Dia. (mm)	Permissible Deviations (mm)	Tensile Strength		
		TDC VDC MPa	TDCrV VDCrV MPa	TDSiCr VDSiCr MPa
$d = 0,50$	± 0,010	1850 to 2000	1910 to 2060	2080 to 2230
$0,50 < d \leq 0,60$		1850 to 2000	1910 to 2060	2080 to 2230
$0,60 < d \leq 0,80$		1850 to 2000	1910 to 2060	2080 to 2230
$0,80 < d \leq 1,00$	± 0,015	1850 to 1950	1910 to 2060	2080 to 2230
$1,00 < d \leq 1,30$	± 0,020	1750 to 1850	1860 to 2010	2080 to 2230
$1,30 < d \leq 1,40$		1700 to 1800	1820 to 1970	2060 to 2210
$1,40 < d \leq 1,60$		1700 to 1800	1820 to 1970	2060 to 2210
$1,60 < d \leq 2,00$	± 0,025	1670 to 1770	1770 to 1920	2010 to 2160
$2,00 < d \leq 2,50$		1630 to 1730	1720 to 1860	1960 to 2100
$2,50 < d \leq 2,70$		1600 to 1700	1670 to 1810	1910 to 2010
$2,70 < d \leq 3,00$	± 0,030	1600 to 1700	1670 to 1810	1910 to 2010
$3,00 < d \leq 3,20$		1570 to 1670	1670 to 1770	1910 to 2010
$3,20 < d \leq 3,50$		1570 to 1670	1670 to 1770	1910 to 2010
$3,50 < d \leq 4,00$		1550 to 1650	1620 to 1720	1860 to 1960
$4,00 < d \leq 4,20$	± 0,035	1550 to 1650	1570 to 1670	1860 to 1960
$4,20 < d \leq 4,50$		1550 to 1650	1570 to 1670	1860 to 1960
$4,50 < d \leq 4,70$	± 0,035	1540 to 1640	1570 to 1670	1810 to 1910
$4,70 < d \leq 5,00$		1540 to 1640	1570 to 1670	1810 to 1910
$5,00 < d \leq 5,60$		1520 to 1620	1520 to 1620	1810 to 1910
$5,60 < d \leq 6,00$	± 0,040	1520 to 1620	1520 to 1620	1760 to 1860
$6,00 < d \leq 6,50$		1470 to 1570	1470 to 1570	1760 to 1860
$6,50 < d \leq 7,00$		1470 to 1570	1470 to 1570	1710 to 1810
$7,00 < d \leq 8,00$	± 0,045	1420 to 1520	1420 to 1520	1710 to 1810
$8,00 < d \leq 9,00$		1390 to 1490	1390 to 1490	1670 to 1770
$9,00 < d < 10,00$	± 0,050	1390 to 1490	1390 to 1490	1670 to 1770