



**NOCKERS**  
 ENGINEERING PRODUCTS

**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
$3,50 < d \leq 4,00$	± 0,035	1550 to 1650	1620 to 1720	1860 to 1960
$4,00 < d \leq 4,20$		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