

Technical drawing of a compression spring showing dimensions and mechanical properties.

Dimensions:

- Outer diameter: $De = 34.5 \pm$
- Mean diameter: $(Dm = 32)$
- Inner diameter: $(Di = 29.5)$
- Wire diameter: $d = 2.5$
- Free height: $Lo = 72 \pm$
- Coiled height: $Ln = 23.99$
- Coil length: $(Lc =)$
- End distance: $e1 = 3.6$
- End distance: $e2 = 1.04$
- End distance: $e3 = 2.5$
- End distance: $e4 = 1.04$
- End distance: $e5 = 2.5$
- End distance: $e6 = 1.04$
- End distance: $e7 = 2.5$
- End distance: $e8 = 1.04$
- End distance: $e9 = 2.5$
- End distance: $e10 = 1.04$
- End distance: $e11 = 2.5$
- End distance: $e12 = 1.04$
- End distance: $e13 = 2.5$
- End distance: $e14 = 1.04$
- End distance: $e15 = 2.5$
- End distance: $e16 = 1.04$
- End distance: $e17 = 2.5$
- End distance: $e18 = 1.04$
- End distance: $e19 = 2.5$
- End distance: $e20 = 1.04$
- End distance: $e21 = 2.5$
- End distance: $e22 = 1.04$
- End distance: $e23 = 2.5$
- End distance: $e24 = 1.04$
- End distance: $e25 = 2.5$
- End distance: $e26 = 1.04$
- End distance: $e27 = 2.5$
- End distance: $e28 = 1.04$
- End distance: $e29 = 2.5$
- End distance: $e30 = 1.04$
- End distance: $e31 = 2.5$
- End distance: $e32 = 1.04$
- End distance: $e33 = 2.5$
- End distance: $e34 = 1.04$
- End distance: $e35 = 2.5$
- End distance: $e36 = 1.04$
- End distance: $e37 = 2.5$
- End distance: $e38 = 1.04$
- End distance: $e39 = 2.5$
- End distance: $e40 = 1.04$
- End distance: $e41 = 2.5$
- End distance: $e42 = 1.04$
- End distance: $e43 = 2.5$
- End distance: $e44 = 1.04$
- End distance: $e45 = 2.5$
- End distance: $e46 = 1.04$
- End distance: $e47 = 2.5$
- End distance: $e48 = 1.04$
- End distance: $e49 = 2.5$
- End distance: $e50 = 1.04$
- End distance: $e51 = 2.5$
- End distance: $e52 = 1.04$
- End distance: $e53 = 2.5$
- End distance: $e54 = 1.04$
- End distance: $e55 = 2.5$
- End distance: $e56 = 1.04$
- End distance: $e57 = 2.5$
- End distance: $e58 = 1.04$
- End distance: $e59 = 2.5$
- End distance: $e60 = 1.04$
- End distance: $e61 = 2.5$
- End distance: $e62 = 1.04$
- End distance: $e63 = 2.5$
- End distance: $e64 = 1.04$
- End distance: $e65 = 2.5$
- End distance: $e66 = 1.04$
- End distance: $e67 = 2.5$
- End distance: $e68 = 1.04$
- End distance: $e69 = 2.5$
- End distance: $e70 = 1.04$
- End distance: $e71 = 2.5$
- End distance: $e72 = 1.04$
- End distance: $e73 = 2.5$
- End distance: $e74 = 1.04$
- End distance: $e75 = 2.5$
- End distance: $e76 = 1.04$
- End distance: $e77 = 2.5$
- End distance: $e78 = 1.04$
- End distance: $e79 = 2.5$
- End distance: $e80 = 1.04$
- End distance: $e81 = 2.5$
- End distance: $e82 = 1.04$
- End distance: $e83 = 2.5$
- End distance: $e84 = 1.04$
- End distance: $e85 = 2.5$
- End distance: $e86 = 1.04$
- End distance: $e87 = 2.5$
- End distance: $e88 = 1.04$
- End distance: $e89 = 2.5$
- End distance: $e90 = 1.04$
- End distance: $e91 = 2.5$
- End distance: $e92 = 1.04$
- End distance: $e93 = 2.5$
- End distance: $e94 = 1.04$
- End distance: $e95 = 2.5$
- End distance: $e96 = 1.04$
- End distance: $e97 = 2.5$
- End distance: $e98 = 1.04$
- End distance: $e99 = 2.5$
- End distance: $e100 = 1.04$

Mechanical Properties:

- Federrate $R = 1.94$ N/mm
- (Drahtlänge $L = 58.9$ mm)
- (Steigung $P =$ mm)
- (Masse $m = 29.300$ g)

Force and Deflection:

- $F_n = 93$
- $F_c =$
- $Tau_n =$
- $Tau_c =$

End Views:

- End view 1: $e1 = 3.6$
- End view 2: $e2 = 1.04$
- End view 3: $e3 = 2.5$
- End view 4: $e4 = 1.04$
- End view 5: $e5 = 2.5$
- End view 6: $e6 = 1.04$
- End view 7: $e7 = 2.5$
- End view 8: $e8 = 1.04$
- End view 9: $e9 = 2.5$
- End view 10: $e10 = 1.04$
- End view 11: $e11 = 2.5$
- End view 12: $e12 = 1.04$
- End view 13: $e13 = 2.5$
- End view 14: $e14 = 1.04$
- End view 15: $e15 = 2.5$
- End view 16: $e16 = 1.04$
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- End view 30: $e30 = 1.04$
- End view 31: $e31 = 2.5$
- End view 32: $e32 = 1.04$
- End view 33: $e33 = 2.5$
- End view 34: $e34 = 1.04$
- End view 35: $e35 = 2.5$
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- End view 54: $e54 = 1.04$
- End view 55: $e55 = 2.5$
- End view 56: $e56 = 1.04$
- End view 57: $e57 = 2.5$
- End view 58: $e58 = 1.04$
- End view 59: $e59 = 2.5$
- End view 60: $e60 = 1.04$
- End view 61: $e61 = 2.5$
- End view 62: $e62 = 1.04$
- End view 63: $e63 = 2.5$
- End view 64: $e64 = 1.04$
- End view 65: $e6$

Form 3. Federenden
○ angelegt, geschmiedet
und geschliffen

10	Zulässige Abweichungen nach EN 15800 Gütegrad				DIN 2096
		1	2	3	
	De, Di	○	⊗	○	○
	L0	○	⊗	○	○
	F1	○	⊗	○	○
	F2	○	○	○	○
	e1	○	⊗	○	○
	e2	○	⊗	○	○
d					
11	Fertigungsausgleich			durch:	
	a) wenn eine Federkraft und die zugehörige Länge vorgeschrieben sind			L0	○
	b) wenn eine Federkraft, die zugehörige Länge und L0 vorgeschrieben sind			n und d	⊗
				n und De, Di	○
	c) wenn zwei Federkräfte und die zugehörigen Längen vorgeschrieben sind			L0, n und d	○
				L0, n und De, Di	○
12	Ungesetzt zu liefernde Prüffedern setzen ! übrige Federn gesetzt ○ ungesetzt ○ liefern				

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