Data sheet Torsion spring: T-16004L

Remarks

1. Coiling direction
   - left
   - right

2. Form of legs
   - tangential, straight, no bends *

3. Fixing
   - Recumbent leg
   - Lever leg

4. Load
   - in winding direction
   - against winding direction

5. Excursion
   - degree

6. Stress cycle
   - end. N

7. Stress cycle frequency
   - N

8. Application temperature
   - °C

9. Material
   - EN 10270-3-1.4310

10. Wire or rod surface
    - drawn
    - rolled
    - metal-cut

11. Surface treatment

12. Tolerances to DIN 2194

13. Production compensation

Prices

Quantity scale Single price [EUR]
1 2,8200 €
7 2,1000 €
17 1,0300 €
37 0,7700 €
75 0,6200 €
125 0,4300 €
175 0,3713 €
250 0,3270 €
350 0,3102 €
450 0,2881 €

Notes:
- We can also supply torsion springs with any form of leg for an extra charge.

Symbols:
- α: degree Unstressed leg position
- α1: degree Prestressed rotational angle
- α2: degree Loaded rotational angle
- αh: degree Excursion
- αn: degree Maximum rotational angle
- d: mm Wire diameter
- Ddmin: mm Min. possible mandrel diameter
- Ddmax: mm Max. possible mandrel diameter
- Di: mm Outer coil diameter
- L0: mm Length of spring body when relaxed
- LS: mm Length of leg
- M1: Nmm Prestressed torque
- M2: Nmm Loaded torque
- Mn: Nmm Maximum torque
- n: pc. Aktive coils
- RH: mm Distance power flow point from centre
- St: mm Distance between coils (pitch)
- Weight g: Weight of one spring in grammes