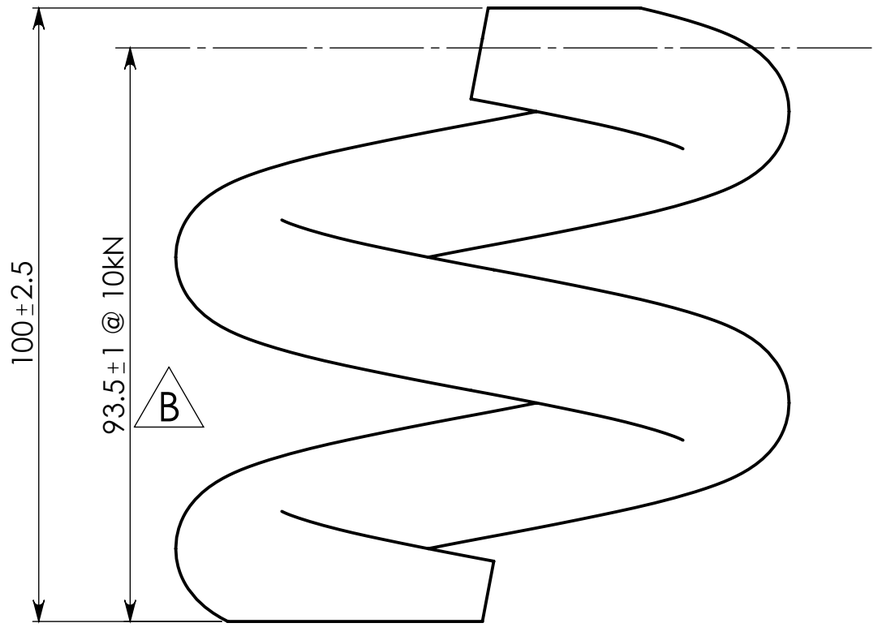


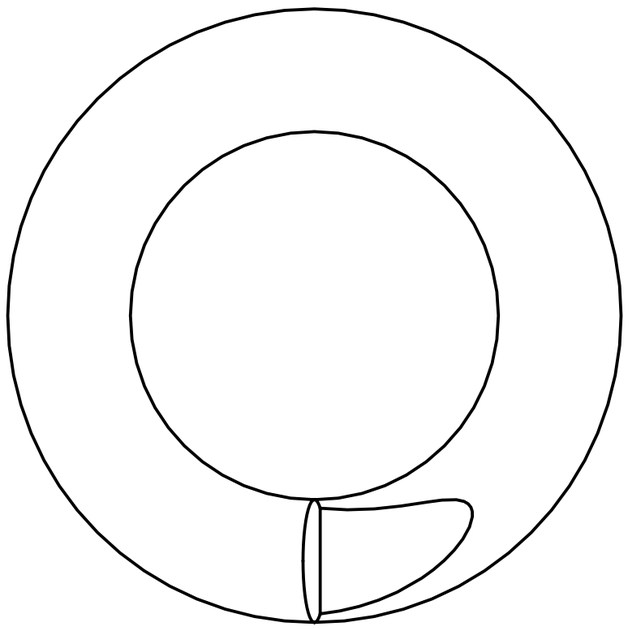

SPRING SPECIFICATIONS

1. FREE HEIGHT (Lo) = 100 mm ±2.5 mm
   OUTSIDE COIL DIAMETER = 100 mm ±2.2 mm
   SOLID HEIGHT = 85mm (+0)
   INSIDE COIL DIAMTER = 60 mm
   WIRE DIAMETER (d) = 20mm
   SPRING RATE (c) = 1,533 N/mm
   NUMBER OF ACTIVE COILS (n) = 2
   DIRECTION OF COILING = R/H
2. SPRINGS MANUFACTURED TO DIN2096
3. END CONSTRUCTION = CLOSED AND GROUND FLAT AS PER ASTM A125/ DIN 2096

B 4. MATERIAL : 51CrV4 EN10089

5. PAINT TO SCTE-PS-02

B 6. MANUFACTURER TO CHECK AND CERTIFY FREE HEIGHT AND HEIGHT AT 10kN DEFLECTION - 100%

B 7. MANUFACTURER TO CHECK AND CERTIFY HARDNESS, MPI, SOLID HEIGHT AND COIL INNER DIAMETER - 5%

8. ALL SPRINGS TO BE SHOT PEENED

| REV. | ZONE | DESCRIPTION | BY | DATE |
|---|---|---|---|---|
| B | | MATERIAL CHANGED. MANUFACTURING STANDARD ADDED. INSPECTION REQUIREMENTS ADDED. 10KN COMPRESSION TEST HEIGHT ADDED. | WJ | 09/11/2009 |
| A | | FIRST ISSUE | WJ | 09/01/2008 |

REVISIONS

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CERTIFICATE OF CONFORMITY REQUIRED FOR ALL COMPONENTS

***Standard Car Truck Europe Ltd.***

MACHINING TOLERANCE UNLESS OTHERWISE STATED : ±0.25mm
CASTING WALL THICKNESSES TOLERANCE UNLESS OTHERWISE STATED: ±2mm
CASTING LINEAR TOLERANCES U.O.S. : 0 TO 250mm : ISO 8062 - CT11 OVER 250mm : ISO 8062 - CT10
CUT PLATE TOLERANCES TO ISO 9013 CLASS A UNLESS OTHERWISE STATED :

| | 35mm to 315mm | 315mm to 1,000mm | OVER 1,000mm |
|---|---|---|---|
| 12mm THICK AND UNDER | ±1.0mm | ±1.5mm | ±2.0mm |
| OVER 12mm THICK | ±0.5mm | ±1.0mm | ±1.5mm |

TITLE:

# STEERING LINK SPRING

| | NAME | DATE |
|---|---|---|
| DRAWN | W. Jamieson | 09-11-09 |
| CHK'D | D. Taylor | 09-11-09 |
| APPV'D | A. Aitken | 09-11-09 |

MATERIAL:

WEIGHT: 1.23 | DEBUR AND BREAK SHARP EDGES

DWG NO. 80012 | REVISION B | A3

SCALE:1:2 | DO NOT SCALE DRAWING | SHEET 1 OF 1