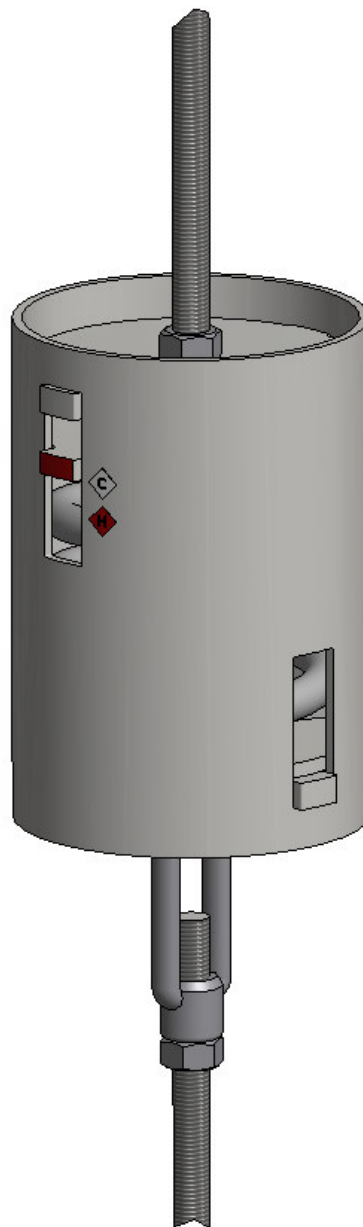
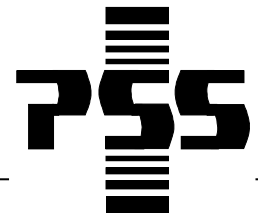


## Product and installation instructions spring hanger

### type A





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## 1. Allocation

The mark number (identification plate: 'Mark. No.')



Markierungs-Nr.  
Mark. No.

Spring Rate

H.L./H.L.

K.L./C.L

Weg/Travel

Richtung/Direct.



Load (LBS)	Defl (IN)	GB (MM)	Last (N)
2100	0	0	9343
2400	1/4		10392
2700	1/2	10	11443
3000	3/4		12493
3300	1	20	13544
3600	1 1/4	31,8	14595

Figur

FEDERHÄNGER

Größe  Typ

Image: Identification plate

## 1.1 Identification plate



Image: Identification plate

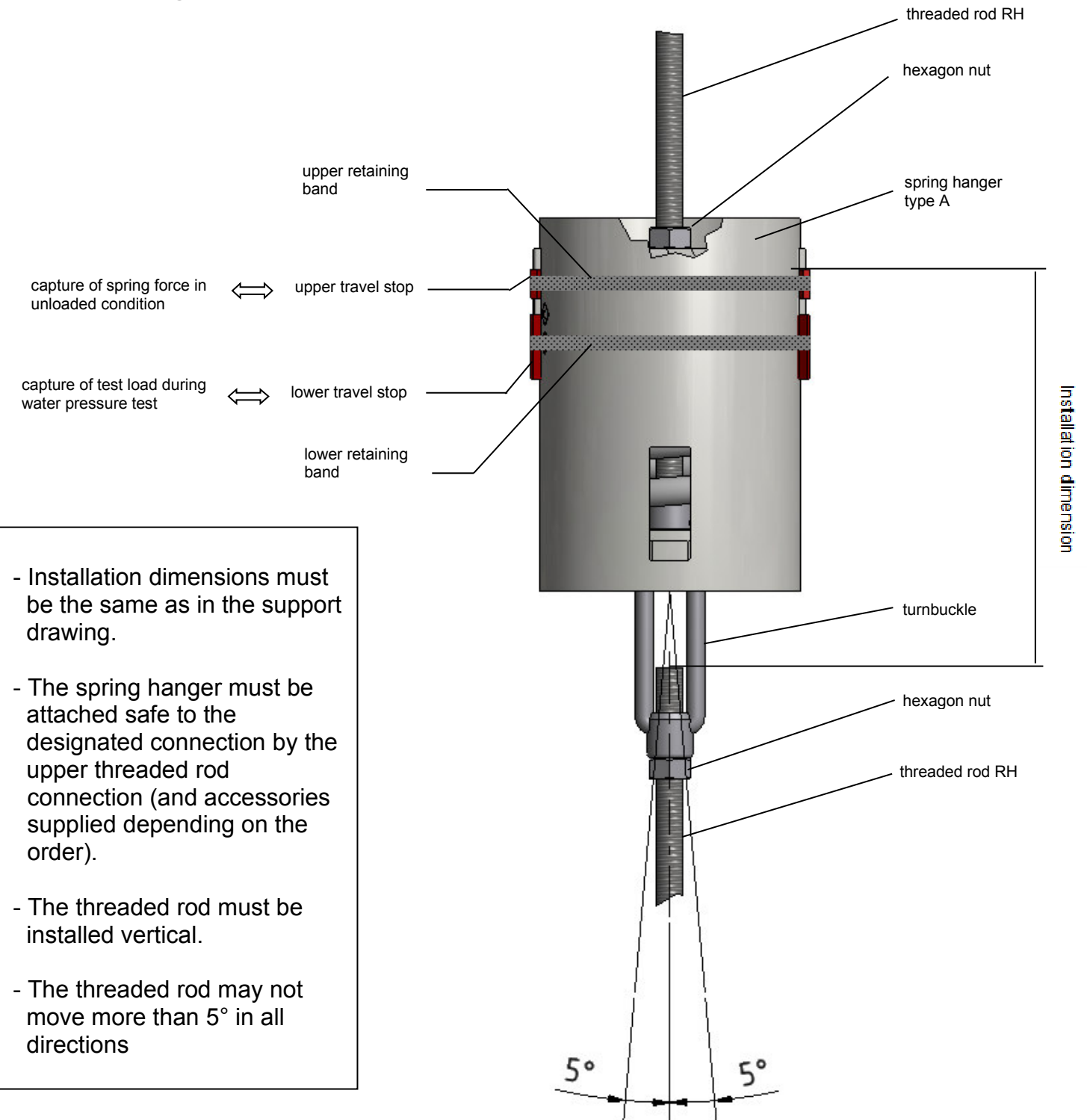
The identification plate displays the figure number, size, type and all important data to the spring hanger:

- Mark.no. = bearing designation
- H.L. = hot load ①
- C.L. = cold load ②
- Travel = calculated travel
- Direction = direction of motion      – down  
   + up

The cold load Ⓒ (white mark, ②) and the hot load Ⓓ (red mark, ①) are marked on the load scale.

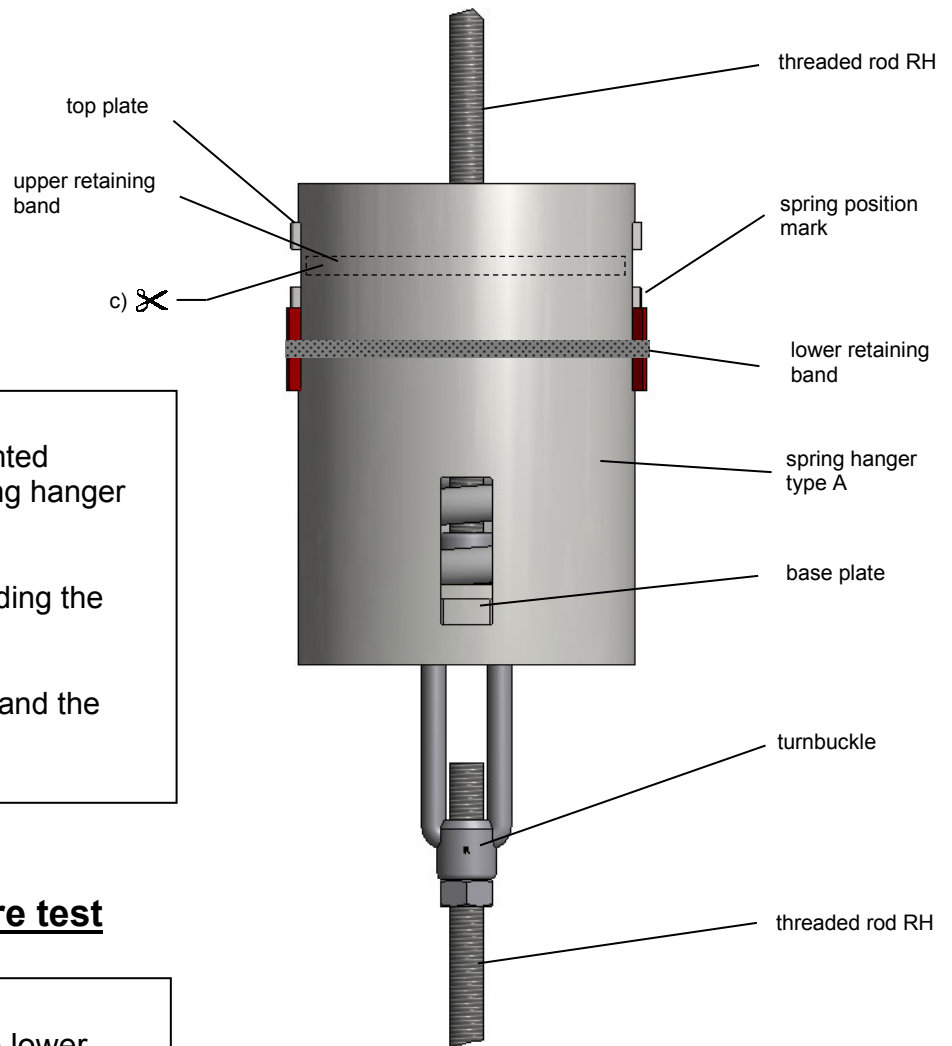
- ① (operation load)
- ② (installation load)

**2. Positioning**



- Installation dimensions must be the same as in the support drawing.
- The spring hanger must be attached safe to the designated connection by the upper threaded rod connection (and accessories supplied depending on the order).
- The threaded rod must be installed vertical.
- The threaded rod may not move more than 5° in all directions

### 3. Installation






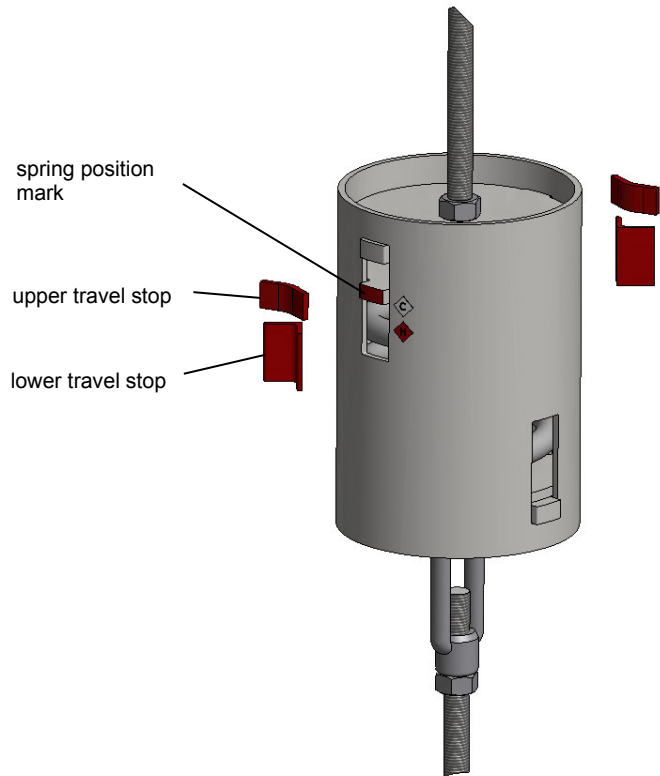
- a) After the complete system is mounted rotate the turnbuckle until the spring hanger is subjected to a load.
- b) Upper travel stop dissolves by loading the spring hanger.
- c) Remove the upper retaining band and the upper travel stop.

#### 3.1 In case of water pressure test

- In case of water pressure test, the lower travel stop (with the retaining band) must remain mounted! (necessary for handling signification loads, which emerge due the water pressure test).
- After water pressure test has been performed, or if no water pressure test is necessary proceed to step 4.

## 4. Activation of spring hanger in case of cold system

- a) The lower retaining band and the lower travel stop must be removed.
- b) If necessary, the spring position mark must be adjusted to the  -mark by rotation the turnbuckle.
- c) When the system is in an operational status, it must be checked whether the spring position is between the  -mark and the  -mark. In case of deviation, consultation is necessary.



### 4.1 Section of spring position mark in case of cold system

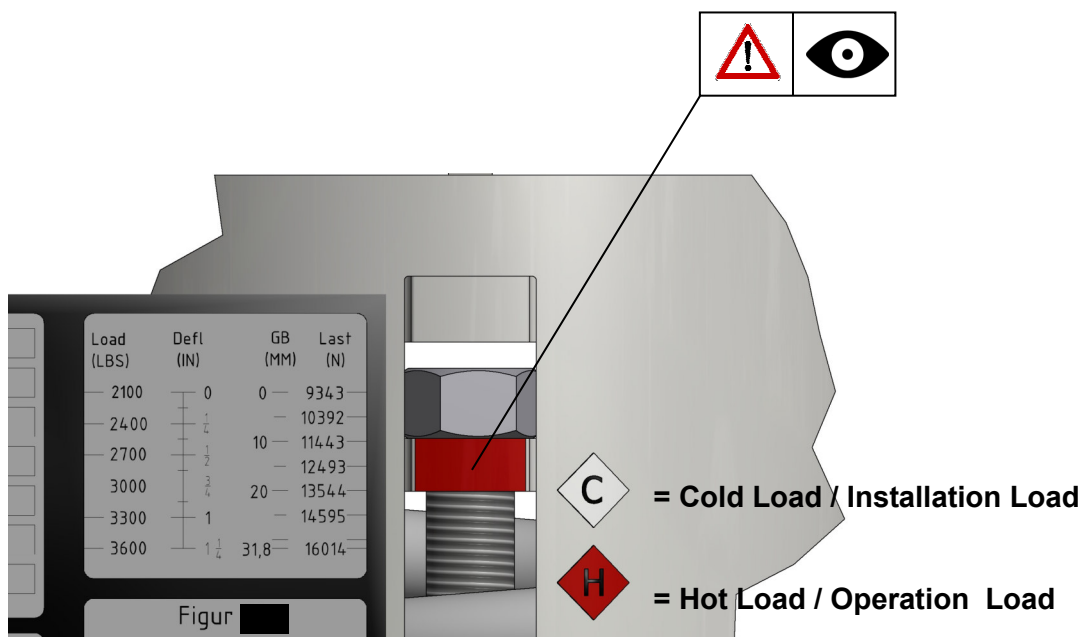


Image: Spring position mark