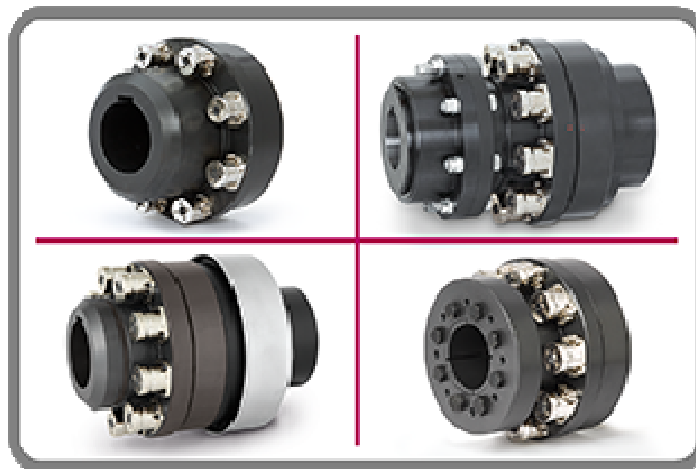


# INSTRUCTION MANUAL

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## ST- SAFETY COUPLINGS



Document ID: RW Manual – ST / Rev. 17.12

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**QUALITY MANAGEMENT**  
We are certified !

according to ISO 9001:2008

D-ZM-16029-01-01 Registration No. 40503432/3

The information included in this document is based on our present knowledge and experience and does not exclude the manufacturer's own substantial testing of the products. Therefore we do not guarantee protection against third party claims. The sale of our product is in accordance with our general terms and conditions.



# INSTRUCTION MANUAL

## ST SAFETY COUPLINGS



ST / Rev. 17.12

- ST1
- STN
- STF
- ST2
- STE
- ST3
- ST4
- STB
- ST-R

### III. RE-ENGAGEMENT : COUPLING / SAFETY ELEMENTS

After the overload has been cleared, the drive or driven side must be rotated until the re-engagement position markings are lined up. The elements can only be re-engaged in this position. The element is re-engaged through Applying an axial force to the plunger.

Re-engagement is audible. Once this is completed, the torque limiter is ready for operation.

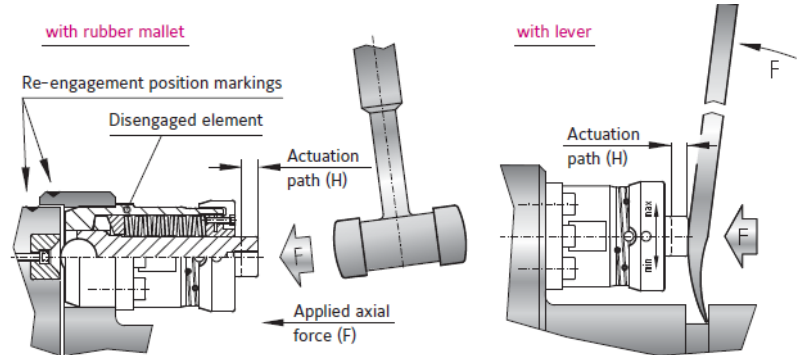


Fig. 3

safety elements SERIES	10/11	15/16	30/31	70/71
Actuation max. H (mm)	3,5	4,5	7,5	10,5
restoring force max. F (kN)	0,4	2	4	6

Tab. 1

### IV. DIS-ENGAGEMENT : COUPLING / SAFETY ELEMENTS

Before starting operation, if necessary, the coupling may be disengaged in situ. (see figure 4)

For that R+W offers special tools for all sizes of safety elements.

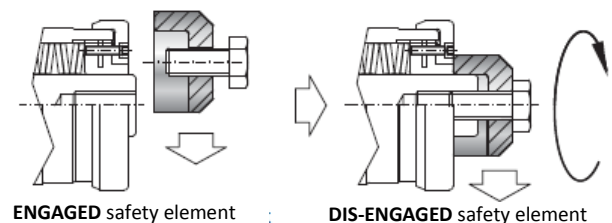


Fig. 4

### V. MARKING / NAME PLATE : SAFETY ELEMENTS

Each safety element has a marking engraved on the housing with the following information:

Series of safety element,  
Packaging range of springs, serial number  
Pre-adjusted re-engagement force in kN.

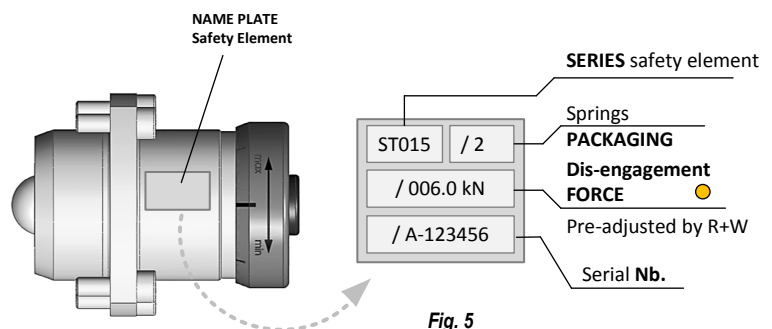


Fig. 5