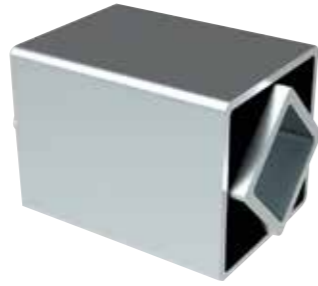
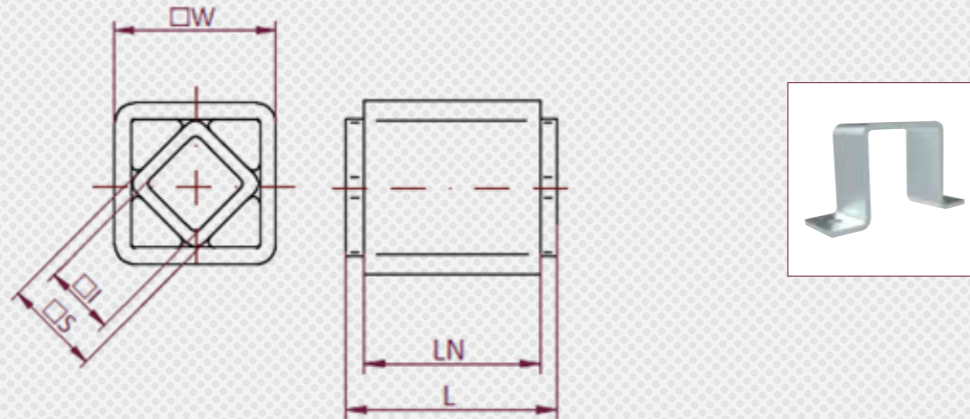
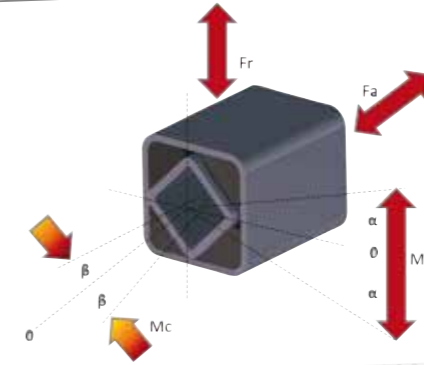


Gummifederlement Typ LTS



Rubber Suspension Unit Type LTS



RESATEC-Gummifederlement Typ LTS:

Das Innenprofil Typ S ermöglicht eine Steckverbindung. Die Einstecktiefe des gesteckten Vierkantes soll mindestens 1.8 x länger als der Materialquerschnitt [Mass □ I] sein. Als Vierkant soll ein blanker Stahl mit der Toleranz h11 und facettierten Ecken verwendet werden.

Aussen wird das Gummifederlement in ein Futterrohr gesteckt oder mit der RESATEC-Montagebride Typ MS befestigt.

Eine wechselseitige Auslenkung über die Element-Nulllage ist nicht möglich.

RESATEC-Rubber Suspension Unit Type LTS:

The core profile type S allows a plug connection. The insertion depth of the plugged square profile, should be at least 1.8 x longer than the cross section of the material [measurement □ I]. A blank steel square profile with the tolerance of h11 and chamfered edges is to use.

The rubber suspension unit will plugged in casing tube, or fixed with the RESATEC-Mounting Clamp Type MS.

An alternating movement over the elements zero position is impossible.

Abmasse / Dimensions / Material

| Typ Type | Art. Nr. Art. No. | □W | □S | LN | L | □I | Anzahl Briden number of clamps | Gewicht Weight | Material Deklaration / Declaration | | | Bevorragung stocking |
|-------------|----------------------|------|------|------|------|------|-----------------------------------|-------------------|---|---|-------------------------------------|-------------------------|
| | | [mm] | [mm] | [mm] | [mm] | [mm] | | | Typ / Type MS | [kg] | Aussenrohr outer square tube | |
| LTS 2-20 | 560 420 20 | 20 | 11 | 20 | 25 | 8 | 1 | 0.030 | Stahl S235JR / galvanisch verzinkt steel S235JR / galvanized | Stahl S235JR / galvanisch verzinkt steel S235JR / galvanized | Gummi SBR based / mixture code C | X |
| LTS 2-30 | 560 420 30 | | | 30 | 35 | | | | | | | X |
| LTS 2-50 | 560 420 50 | | | 50 | 55 | | | | | | | X |
| LTS 3-25 | 560 430 25 | 27 | 15 | 25 | 30 | 11 | 1 | 0.08 | Stahl S235JR / galvanisch verzinkt steel S235JR / galvanized | Stahl S235JR / galvanisch verzinkt steel S235JR / galvanized | Gummi SBR based / mixture code C | X |
| LTS 3-40 | 560 430 40 | | | 40 | 45 | | | | | | | X |
| LTS 3-60 | 560 430 60 | | | 60 | 65 | | | | | | | X |
| LTS 4-30 | 560 440 30 | 32 | 18 | 30 | 35 | 12 | 1 | 0.11 | Stahl S235JR / galvanisch verzinkt steel S235JR / galvanized | Stahl S235JR / galvanisch verzinkt steel S235JR / galvanized | Gummi SBR based / mixture code C | X |
| LTS 4-50 | 560 440 50 | | | 50 | 55 | | | | | | | X |
| LTS 4-80 | 560 440 80 | | | 80 | 85 | | | | | | | X |
| LTS 5-40 | 560 450 40 | 45 | 27 | 40 | 45 | 22 | 1 | 0.27 | Stahl S235JR / galvanisch verzinkt steel S235JR / galvanized | Stahl S235JR / galvanisch verzinkt steel S235JR / galvanized | Gummi SBR based / mixture code C | X |
| LTS 5-60 | 560 450 60 | | | 60 | 65 | | | | | | | X |
| LTS 5-100 | 560 451 00 | | | 100 | 105 | | | | | | | X |
| LTS 6-60 | 560 460 60 | 60 | 38 | 60 | 70 | 30 | 1 | 0.66 | Stahl S235JR / galvanisch verzinkt steel S235JR / galvanized | Stahl S235JR / galvanisch verzinkt steel S235JR / galvanized | Gummi SBR based / mixture code C | X |
| LTS 6-80 | 560 460 80 | | | 80 | 90 | | | | | | | X |
| LTS 6-120 | 560 461 20 | | | 120 | 130 | | | | | | | X |
| LTS 7-80 | 560 470 80 | 75 | 45 | 80 | 90 | 35 | 1 | 1.57 | Stahl S235JR / galvanisch verzinkt steel S235JR / galvanized | Stahl S235JR / galvanisch verzinkt steel S235JR / galvanized | Gummi SBR based / mixture code C | X |
| LTS 7-100 | 560 471 00 | | | 100 | 110 | | | | | | | X |
| LTS 7-150 | 560 471 50 | | | 150 | 160 | | | | | | | X |
| LTS 8-120 | 560 481 20 | 80 | 50 | 20 | 130 | 40 | 2 | 2.58 | Stahl S235JR / galvanisch verzinkt steel S235JR / galvanized | Stahl S235JR / galvanisch verzinkt steel S235JR / galvanized | Gummi SBR based / mixture code C | X |
| LTS 8-200 | 560 482 00 | | | 200 | 210 | | | | | | | X |
| LTS 8-300 | 560 483 00 | | | 300 | 310 | | | | | | | X |

Leistungsparameter / power values

| Typ Type | Art. Nr. Art. No. | M _c β +/- 1° [Nm] | Radial | | Axial | | Drehmoment und max. Erregerfrequenz beim Winkel α Torque and max. excitation frequency at the angle α | | | | | | | | | | | | | | | |
|-------------|----------------------|------------------------------------|--|--|--|--|--|-------------------|----------|-------------------|-----------|-------------------|-----------|-------------------|-----------|-------------------|-----------|-------------------|-----------|-------------------|-----------|-------------------|
| | | | Federweg deflection S _r [mm] | Belastung load F _r [N] | Federweg deflection S _a [mm] | Belastung load F _a [N] | α +/- 4° | | α +/- 8° | | α +/- 12° | | α +/- 16° | | α +/- 20° | | α +/- 24° | | α +/- 28° | | α +/- 32° | |
| | | | | | | | [Nm] | min ⁻¹ | [Nm] | min ⁻¹ | [Nm] | min ⁻¹ | [Nm] | min ⁻¹ | [Nm] | min ⁻¹ | [Nm] | min ⁻¹ | [Nm] | min ⁻¹ | [Nm] | min ⁻¹ |
| LTS 2-20 | 560 420 20 | 0.38 | | 246 | 63 | 0.33 | 0.63 | 0.92 | 1.26 | 1.68 | 2.22 | 2.92 | 3.81 | | | | | | | | | |
| LTS 2-30 | 560 420 30 | 1.06 | 0.25 | 377 | 97 | 0.50 | 0.97 | 1.48 | 190 | 2.11 | 130 | 2.95 | 75 | 4.05 | 46 | 5.51 | 33 | 7.40 | 10 | | | |
| LTS 2-50 | 560 420 50 | 5.40 | | 624 | 160 | 0.83 | 1.59 | 2.40 | 3.38 | 4.63 | 6.28 | 8.43 | 11.2 | | | | | | | | | |
| LTS 3-25 | 560 430 25 | 0.60 | | 214 | 69 | 0.60 | 1.40 | 2.20 | 3.20 | 4.40 | 5.70 | 7.30 | 9.1 | | | | | | | | | |
| LTS 3-40 | 560 430 40 | 2.00 | 0.25 | 343 | 111 | 1.00 | 2.20 | 330 | 3.50 | 190 | 5.10 | 120 | 7.00 | 72 | 9.20 | 46 | 11.7 | 33 | 14.7 | 10 | | |
| LTS 3-60 | 560 430 60 | 5.47 | | 513 | 166 | 1.50 | 3.20 | 5.20 | 7.50 | 10.10 | 13.1 | 16.5 | 20.3 | | | | | | | | | |
| LTS 4-30 | 560 440 30 | 1.51 | | 386 | 92 | 1.60 | 3.37 | 5.38 | 7.71 | 10.4 | 13.6 | 17.4 | 21.8 | | | | | | | | | |
| LTS 4-50 | 560 440 50 | 6.68 | 0.5 | 644 | 153 | 2.67 | 5.64 | 330 | 9.07 | 190 | 13.1 | 110 | 17.9 | 72 | 23.6 | 46 | 30.4 | 33 | 38.4 | 10 | | |
| LTS 4-80 | 560 440 80 | 26.9 | | 1'030 | 245 | 4.27 | 9.01 | 14.5 | 20.8 | 28.3 | 37.3 | 47.8 | 60.2 | | | | | | | | | |
| LTS 5-40 | 560 450 40 | 3.99 | | 888 | 217 | 4.01 | 8.22 | 13.1 | 19.2 | 27.0 | 37.0 | 49.7 | 65.5 | | | | | | | | | |
| LTS 5-60 | 560 450 60 | 12.01 | 0.5 | 1'333 | 325 | 6.02 | 12.4 | 300 | 19.8 | 170 | 29.0 | 110 | 40.9 | 68 | 56.2 | 43 | 75.6 | 30 | 100 | 10 | | |
| LTS 5-100 | 560 451 00 | 49.9 | | 2'221 | 542 | 10.0 | 20.6 | 32.9 | 48.3 | 67.9 | 93.2 | 125 | 166 | | | | | | | | | |
| LTS 6-60 | 560 460 60 | 11.74 | | 1'564 | 372 | 11.3 | 23.7 | 38.5 | 56.7 | 79.6 | 108 | 144 | 188 | | | | | | | | | |
| LTS 6-80 | 560 460 80 | 25.4 | 0.5 | 2'086 | 497 | 15.1 | 31.7 | 280 | 51.4 | 150 | 75.9 | 92 | 107 | 57 | 145 | 38 | 194 | 28 | 253 | 10 | | |
| LTS 6-120 | 560 461 20 | 78.3 | | 3'130 | 745 | 22.6 | 47.5 | 77.1 | 114 | 160 | 218 | 291 | 380 | | | | | | | | | |
| LTS 7-80 | 560 470 80 | 27.0 | | 2'196 | 536 | 22.7 | 47.1 | 75.3 | 110 | 152 | 206 | 272 | 353 | | | | | | | | | |
| LTS 7-100 | 560 471 00 | 52.2 | 0.5 | 2'745 | 669 | 28.4 | 58.9 | 250 | 94.1 | 150 | 137 | 86 | 190 | 57 | 256 | 36 | 338 | 26 | 439 | 10 | | |
| LTS 7-150 | 560 471 50 | 135 | | 4'063 | 991 | 42.1 | 87.8 | 141 | 206 | 286 | 385 | 508 | 658 | | | | | | | | | |
| LTS 8-120 | 560 481 20 | 81.8 | | 2'828 | 690 | 37.2 | 94.2 | 171 | 267 | 382 | 517 | 671 | 844 | | | | | | | | | |
| LTS 8-200 | 560 482 00 | 263 | 0.5 | 5'712 | 1'393 | 74.6 | 184 | 250 | 329 | 150 | 509 | 85 | 723 | 53 | 971 | 36 | 1'254 | 24 | 1'540 | 10 | | |
| LTS 8-300 | 560 483 00 | 1'235 | | 8'458 | 2'063 | 110.4 | 272 | 485 | 751 | 1'069 | 1'440 | 1'864 | 2'342 | | | | | | | | | |

