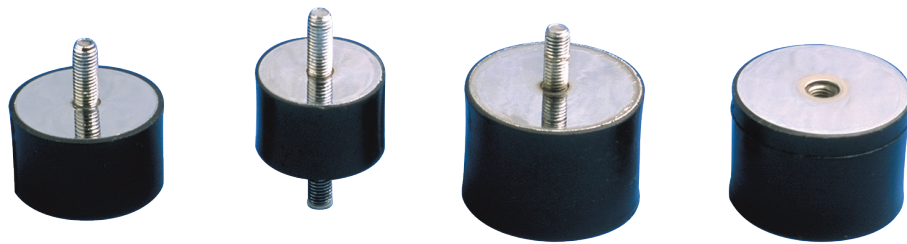


RADIAFLEX®



DESCRIPTION

- Metalwork : mild steel, plated.
- Natural rubber, bonded, cylindrically shaped.
- Fixing by screws, nuts or mixed.

European thread standards are not always consistent with French thread standards so Paulstra has created the Radiaflex® Europe range based on those standards.

The end stop version is now available with a threaded hole in addition to the threaded stud.

CHARACTERISTICS

The design of the RADIAFLEX® mount gives the following basic characteristics:

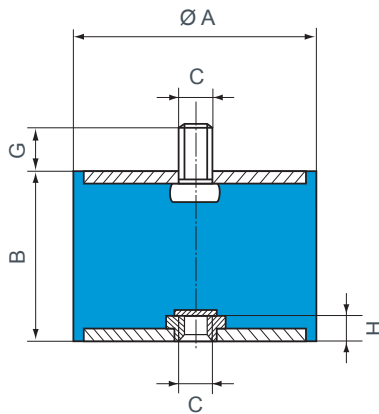
- radial elasticity greater than axial elasticity.
- the rubber works in :
 - compression (axial),
 - shear (radial),
 - compression/shear according to the fixing method.

Advantages

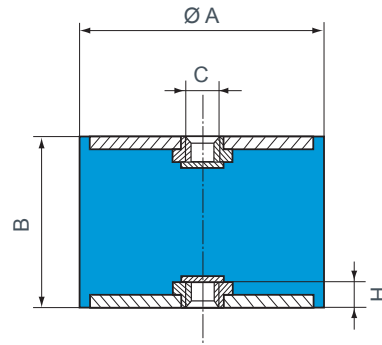
- Simple to fix.
- Simple and economical.
- Extensive range

DIMENSIONS AND COMPRESSIVE LOADS

Combination fixing



2 threaded holes



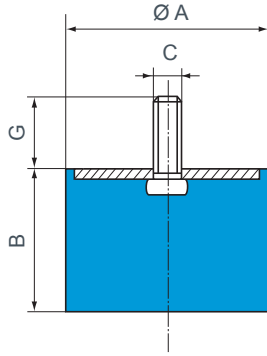
| Ø A (mm) | B (mm) | C | G (mm) | H (mm) | Compression | | Shear* | | Ref. | |
|----------|--------|-----|--------|--------|-----------------|-----------------|-----------------|-----------------|-----------|--------|
| | | | | | Max. load (daN) | Deflection (mm) | Max. load (daN) | Deflection (mm) | | |
| 16 | 10 | M4 | 10 | 2 | 20 | 1,5 | 2,5 | 1,5 | 520053 | |
| | 15 | | | | 3 | 2,5 | | 2,5 | | |
| | 10 | M5 | 12 | 3 | 20 | 1,5 | 1,5 | 520010 | | |
| | 15 | | | | 3 | 2,5 | 2 | 520011 | | |
| 20 | 4 | | | | 2,5 | 4 | 520012 | | | |
| 25 | 15 | 5 | 2 | 5 | 520013 | | | | | |
| 20 | 15 | M6 | 16,5 | 4 | 35 | 2,5 | 5 | 2,5 | 520015 | |
| | 20 | | | | 30 | 4,5 | 5 | 5 | 520016 | |
| | 25 | | | | 30 | 5,5 | 4,5 | 4,5 | 520017 | |
| | 30 | | | | 25 | 7 | 4,5 | 4,5 | 520018 | |
| 25 | 25 | M6 | 18 | 6 | 40 | 3,5 | 9 | 5 | 520062 | |
| 25,5 | 15 | M6 | 18 | 4 | 60 | 2,5 | 8 | 8,5 | 520052 | |
| | 20 | | | | 3,5 | 8 | 4 | 520055 | | |
| | 30 | | | | 7,5 | 8 | 6 | 520057 | | |
| | 50 | | | | 7,5 | 8 | 6 | 520021 | | |
| 22 | 25 | M8 | 20 | 6 | 50 | 3,5 | 8 | 4 | 520022 | |
| | | | | | 50 | 5 | 8 | 4,5 | 520023 | |
| | | | | | 50 | 7,5 | 8 | 6 | 520024 | |
| | | | | | 50 | 10 | 6 | 6 | 520025 | |
| 30 | 15 | M8 | 25 | 6 | 90 | 3 | 11 | 2,5 | 520026 | |
| | 22 | | | | 4,5 | 11 | 4 | 520027 | | |
| | 30 | | | | 7,5 | 11 | 6 | 520028 | | |
| | 40 | | | | 9 | 11 | 7,5 | 520029 | | |
| 40 | 30 | M8 | 20 | 6 | 150 | 4,5 | 20 | 5,5 | 520056 | |
| | 40 | | | | 10 | 20 | 7,5 | 520058 | | |
| | 120 | | | | 10 | 20 | 7,5 | 520059 | | |
| | 20 | M10 | 25 | 8 | 160 | 4 | 20 | 3 | 520030 | |
| | 28 | | | | 5 | 20 | 5,5 | 520031 | | |
| | 35 | | | | 7,5 | 20 | 6,5 | 520032 | | |
| 40 | 10 | | | | 20 | 7,5 | 520033 | | | |
| 45 | 120 | 11 | 20 | 9 | 520034 | | | | | |
| 50 | 45 | M10 | 15 | 8 | 190 | 11 | 25 | 9 | 520036/15 | |
| | 20 | M10 | 28 | 8 | 300 | 3 | 35 | 9,8 | 520047 | |
| | 30 | | | | 5 | 34 | 9,8 | 520048 | | |
| | 35 | | | | 25 | 250 | 8 | 25 | 7 | 520035 |
| | 40 | | | | 28 | 170 | 7 | 34 | 8,5 | 520063 |
| | 45 | | | | 25 | 190 | 11 | 25 | 9 | 520036 |
| 50 | 160 | | | | 9 | 34 | 11 | 520061 | | |
| 60 | 36 | M10 | 25 | 8 | 300 | 8 | 30 | 7 | 520038 | |
| | 45 | | | | 250 | 10 | 30 | 9 | 520039 | |
| 70 | 35 | M10 | 25 | 9 | 450 | 7,5 | 35 | 6,5 | 520040 | |
| | 50 | | | | 10 | 35 | 11 | 520041 | | |
| | 50 | | | | 14 | 35 | 15 | 520042 | | |
| | 70 | | | | 7 | 80 | 8,5 | 520070 | | |
| 75 | 45 | M12 | 30 | 10 | 400 | 7 | 80 | 9 | 520071 | |
| | 55 | | | | 380 | 10 | 80 | 12 | 520072 | |
| 80 | 40 | M12 | 28 | 10 | 600 | 8 | 40 | 7 | 520059 | |
| | 70 | | | | 8 | 40 | 7 | 520044 | | |
| | 70 | M14 | 35 | 12 | 600 | 8 | 40 | 7 | 520045 | |
| | 80 | | | | 17 | 40 | 15 | 520046 | | |
| 450 | 19 | 40 | 17 | 520046 | | | | | | |
| 100 | 40 | M16 | 47 | 14 | 1 100 | 6 | 60 | 7 | 520100 | |
| | 55 | | | | 900 | 12 | 60 | 10 | 520101 | |
| | 80 | | | | 750 | 19 | 60 | 17 | 520102 | |
| | 80 | | | | 600 | 18 | 60 | 20 | 520103 | |
| | 100 | | | | 600 | 18 | 60 | 20 | 520103 | |

| Ø A (mm) | B (mm) | C | H (mm) | Compression | | Shear* | | Ref. |
|----------|--------|-----|--------|-----------------|-----------------|-----------------|-----------------|--------|
| | | | | Max. load (daN) | Deflection (mm) | Max. load (daN) | Deflection (mm) | |
| 16 | 10 | M4 | 2,5 | 20 | 1,5 | 2,5 | 1,5 | 520550 |
| | 15 | | | 3 | 2,5 | 2 | 520551 | |
| | 10 | M5 | 3 | 20 | 1,5 | 2,5 | 1,5 | 520500 |
| | 15 | | | 3 | 2,5 | 2 | 520501 | |
| 20 | 4 | | | 2,5 | 4 | 520502 | | |
| 25 | 15 | 5 | 2 | 5 | 520503 | | | |
| 20 | 15 | M6 | 4 | 35 | 2,5 | 5 | 2,5 | 520505 |
| | 20 | | | 30 | 4,5 | 5 | 3,5 | 520506 |
| | 25 | | | 30 | 5,5 | 4,5 | 4,5 | 520507 |
| | 30 | | | 25 | 7 | 4,5 | 4,5 | 520508 |
| 25,5 | 20 | M6 | 4 | 50 | 3 | 8 | 4 | 520554 |
| | 30 | | | 7,5 | 8 | 6 | 520555 | |
| | 22 | M8 | 6 | 50 | 3 | 8 | 4 | 520511 |
| | 25 | | | 50 | 4,5 | 8 | 4,5 | 520512 |
| 30 | 50 | | | 7,5 | 8 | 6 | 520513 | |
| 40 | 50 | 10 | 6 | 6 | 520514 | | | |
| 30 | 22 | M8 | 6 | 80 | 4 | 11 | 4 | 520516 |
| | 30 | | | 7,5 | 11 | 6 | 520517 | |
| | 40 | | | 9 | 11 | 7,5 | 520518 | |
| 40 | 30 | M8 | 6 | 150 | 4,5 | 20 | 5,5 | 520552 |
| | 40 | | | 120 | 10 | 20 | 7,5 | 520553 |
| | 28 | M10 | 8 | 150 | 4,5 | 20 | 5,5 | 520520 |
| | 35 | | | 120 | 7 | 20 | 6,5 | 520521 |
| 40 | 120 | | | 10 | 20 | 7,5 | 520522 | |
| 45 | 120 | 11 | 20 | 9 | 520523 | | | |
| 50 | 35 | M10 | 8 | 250 | 7 | 25 | 7 | 520525 |
| | 45 | | | 190 | 10 | 25 | 9 | 520526 |
| 50 | 30 | M10 | 10 | 190 | 5 | 34 | 6 | 520524 |
| | 40 | | | 170 | 7 | 34 | 8,5 | 520527 |
| | 50 | | | 160 | 9 | 34 | 11 | 520533 |
| 60 | 36 | M10 | 8 | 300 | 7 | 30 | 7 | 520528 |
| | 45 | | | 250 | 9 | 30 | 9 | 520529 |
| 70 | 35 | M10 | 9 | 450 | 7 | 35 | 6,5 | 520530 |
| | 50 | | | 9 | 35 | 11 | 520531 | |
| | 70 | | | 14 | 35 | 15 | 520532 | |
| 75 | 40 | M12 | 13 | 450 | 7 | 80 | 8,5 | 520558 |
| | 55 | | | 380 | 10 | 80 | 12 | 520557 |
| 80 | 40 | M12 | 10 | 600 | 7 | 40 | 7,5 | 520556 |
| | 70 | | | 7 | 40 | 7 | 520534 | |
| | 40 | M14 | 12 | 600 | 7 | 40 | 7 | 520534 |
| | 70 | | | 17 | 40 | 15 | 520535 | |
| 80 | 450 | 19 | 40 | 17 | 520536 | | | |
| 100 | 40 | M16 | 14 | 600 | 4 | 60 | 7 | 520541 |
| | 55 | | | 900 | 12 | 60 | 10 | 520542 |
| | 60 | | | 1 100 | 8 | 180 | 10 | 520545 |
| | 75 | | | 600 | 10 | 140 | 12 | 520546 |
| | 80 | | | 750 | 19 | 60 | 17 | 520543 |
| | 100 | | | 600 | 18 | 60 | 20 | 520547 |

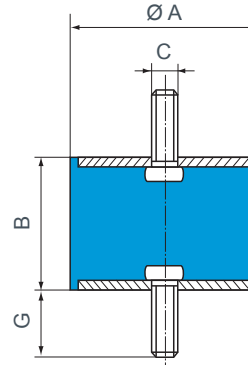
The Ø 16 studs and tapped holes are equipped with RAPID nuts. Tightening torque corresponding to 1.8 N.m.

The Ø 16 studs and tapped holes are equipped with RAPID nuts. Tightening torque corresponding to 1.8 N.m.

1 threaded studs



2 threaded studs



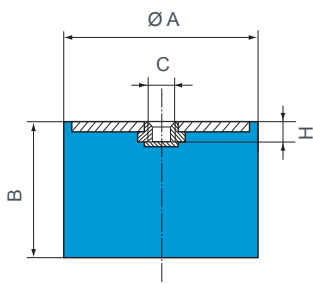
| Ø A (mm) | B (mm) | C | G (mm) | Compression | | Ref. | |
|----------|--------|-----|--------|-----------------|-----------------|----------|--------|
| | | | | Max. load (daN) | Deflection (mm) | | |
| 12,5 | 10 | M5 | 10 | 12 | 2 | 511110 | |
| | 13,5 | | | 11 | 2,5 | 511128 | |
| | 15 | | | 10 | 3 | 511115 | |
| | 20 | | | 8 | 3,5 | 511125 | |
| 16 | 10 | M4 | 10 | 20 | 2 | 511150 | |
| | 15 | | | 3 | 511151 | | |
| | 10 | M5 | 12 | 20 | 2 | 511292 | |
| | 15 | | | 3 | 511294 | | |
| 20 | 4 | | | 511296 | | | |
| 25 | 15 | 5 | 511298 | | | | |
| 20 | 5 | M6 | 10 | 77 | 0,6 | 511206 | |
| | 8,5 | | | 40 | 1,5 | 51120011 | |
| | 8,5 | M6 | 16,5 | 40 | 1,5 | 511200 | |
| | 15 | | | 35 | 4 | 511215 | |
| | 20 | | | 30 | 5 | 511220 | |
| | 25 | | | 30 | 5,5 | 511225 | |
| 30 | 25 | | | 7 | 511230 | | |
| 25,5 | 10 | M6 | 18 | 80 | 2 | 511158 | |
| | 15 | | | 60 | 3,5 | 511155 | |
| | 20 | | | 50 | 5 | 511159 | |
| | 30 | | | 50 | 8 | 511160 | |
| | 5 | M8 | 20 | 82 | 0,6 | 51126550 | |
| | 10 | | | 80 | 2 | 511265 | |
| | 15 | | | 60 | 3,5 | 511270 | |
| | 15 | M8 | 12 | 60 | 3,5 | 51127013 | |
| | 19 | M8 | 20 | 55 | 4,5 | 511251 | |
| | 22 | | | 50 | 5,5 | 511275 | |
| | 25 | | | 50 | 6 | 511280 | |
| | 30 | | | 50 | 8 | 511285 | |
| 40 | 50 | | | 10 | 511290 | | |
| 30 | 15 | M8 | 25 | 90 | 3,5 | 511308 | |
| | 22 | | | 80 | 6 | 511310 | |
| | 30 | | | 70 | 8 | 511312 | |
| | 40 | | | 60 | 9 | 511314 | |
| 40 | 20 | M8 | 20 | 160 | 5 | 511411 | |
| | 30 | | | 120 | 7 | 511157 | |
| | 40 | | | 120 | 10 | 511161 | |
| | 40 | | | 120 | 10 | 511161 | |
| | 20 | M10 | 25 | 160 | 5 | 511450 | |
| | 25 | | | 150 | 6 | 511401 | |
| 35 | M10 | 25 | 120 | 8 | 511452 | | |
| 40 | | | 120 | 10 | 511454 | | |
| 45 | | | 120 | 11 | 511456 | | |
| 50 | 25 | M10 | 25 | 300 | 6 | 511525 | |
| | 35 | | | 250 | 9 | 511535 | |
| | 45 | | | 190 | 11 | 511545 | |
| | 45 | | | 190 | 11 | 511545 | |
| | 45 | | | 190 | 11 | 511545 | |
| 60 | 22 | M10 | 25 | 350 | 3 | 513601 | |
| | 25 | | | 400 | 6 | 511625 | |
| | 36 | | | 300 | 9 | 511635 | |
| | 45 | | | 250 | 11 | 511645 | |
| | 45 | | | 250 | 11 | 511645 | |
| 70 | 35 | M10 | 25 | 450 | 9 | 511735 | |
| | 50 | | | 350 | 12 | 511750 | |
| | 70 | | | 300 | 14 | 511770 | |
| 75 | 25 | M12 | 37 | 600 | 4,5 | 511751 | |
| | 40 | | | 35 | 450 | 7 | 513801 |
| | 55 | | | 37 | 380 | 10 | 511714 |
| 80 | 25 | M14 | 35 | 1 100 | 6 | 513801 | |
| | 30 | | | 950 | 8 | 511830 | |
| | 40 | | | 600 | 10 | 511840 | |
| | 70 | 35 | 500 | 17 | 511870 | | |
| | 70 | 35 | 500 | 17 | 511870 | | |
| | 80 | 35 | 450 | 19 | 511880 | | |

See current price list for availability of items.

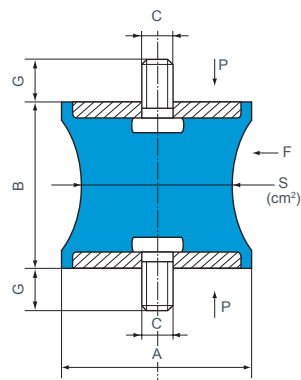
| Ø A (mm) | B (mm) | C | G (mm) | Compression | | Shear* | | Ref. | | |
|----------|--------|-----|--------|-----------------|-----------------|-----------------|-----------------|--------|--------|----------|
| | | | | Max. load (daN) | Deflection (mm) | Max. load (daN) | Deflection (mm) | | | |
| 10 | 8 | M3 | 6 | 10 | 1,6 | 1,25 | 0,9 | | | |
| 12 | 8 | M3 | 6 | 12 | 1,2 | 1,5 | 0,75 | | | |
| 12,5 | 10 | M5 | 10 | 12 | 2 | 1,5 | 1,5 | 521293 | | |
| | 15 | | | 3 | 2,5 | 2 | 521128 | | | |
| | 20 | | | 8 | 2,5 | 4 | 521295 | | | |
| 16 | 10 | M4 | 10 | 20 | 1,5 | 2,5 | 1,5 | 521650 | | |
| | 15 | | | 3 | 2 | 2 | 521651 | | | |
| | 10 | M5 | 12 | 20 | 1,5 | 2,5 | 1,5 | 521292 | | |
| | 15 | | | 3 | 2,5 | 2 | 521294 | | | |
| | 20 | | | 4 | 2,5 | 4 | 521296 | | | |
| | 25 | | | 15 | 2 | 5 | 521298 | | | |
| 20 | 8,5 | M6 | 16,5 | 40 | 0,6 | 5 | 1 | 521178 | | |
| | 15 | | | 35 | 3 | 2,5 | 521249 | | | |
| | 20 | | | 30 | 4,5 | 5 | 521297 | | | |
| | 25 | | | 30 | 5,5 | 4,5 | 521299 | | | |
| | 30 | | | 25 | 7 | 4,5 | 521319 | | | |
| 25 | 25 | M6 | 18 | 40 | 3,5 | 9 | 3,5 | 521654 | | |
| 25,5 | 10 | M6 | 18 | 80 | 1,5 | 8 | 1,5 | 521655 | | |
| | 15 | | | 60 | 2,5 | 8 | 2,5 | 521656 | | |
| | 20 | | | 50 | 2 | 8 | 4 | 521652 | | |
| | 30 | | | 50 | 7,5 | 8 | 6 | 521653 | | |
| | 30 | | | 50 | 7,5 | 8 | 6 | 521653 | | |
| 25,5 | 10 | M8 | 20 | 80 | 1,5 | 8 | 1,5 | 521340 | | |
| | 15 | | | 60 | 2,5 | 8 | 2,5 | 521341 | | |
| | 22 | | | 50 | 4 | 8 | 4 | 521251 | | |
| | 25 | | | 50 | 5,5 | 8 | 4,5 | 521342 | | |
| | 30 | | | 50 | 7,5 | 8 | 6 | 521343 | | |
| | 40 | | | 50 | 10 | 6,5 | 6 | 521344 | | |
| 30 | 15 | M8 | 25 | 90 | 3 | 11 | 2,5 | 521308 | | |
| | 22 | | | 80 | 5 | 11 | 4 | 521310 | | |
| | 30 | | | 70 | 8 | 11 | 6 | 521312 | | |
| | 40 | | | 60 | 9 | 11 | 7,5 | 521314 | | |
| 40 | 30 | M8 | 20 | 150 | 6 | 20 | 5,5 | 521181 | | |
| | 40 | | | 120 | 10 | 20 | 7,5 | 521657 | | |
| | 20 | M10 | 25 | 160 | 4 | 20 | 3 | 521450 | | |
| | 28 | | | 150 | 6 | 20 | 5,5 | 521401 | | |
| | 35 | | | 120 | 8 | 20 | 6,5 | 521452 | | |
| | 40 | | | 120 | 10 | 20 | 7,5 | 521454 | | |
| 45 | 120 | 11 | 20 | 9 | 521456 | | | | | |
| 50 | 20 | M10 | 25 | 300 | 3 | 35 | 3,5 | 521583 | | |
| | 25 | | | 25 | 6 | 25 | 4,5 | 521580 | | |
| | 30 | | | 190 | 5 | 34 | 6 | 521584 | | |
| | 35 | | | 25 | 250 | 8 | 25 | 7 | 521581 | |
| | 40 | | | 28 | 170 | 7 | 34 | 8,5 | 521585 | |
| | 45 | | | 25 | 190 | 11 | 25 | 9 | 521582 | |
| | 45 | | | M10 | 15 | 190 | 11 | 25 | 9 | 52158215 |
| | 50 | | | M10 | 24 | 160 | 9 | 34 | 11 | 521586 |
| 60 | 25 | M10 | 25 | 400 | 5 | 30 | 4,5 | 521601 | | |
| | 36 | | | 300 | 8 | 30 | 7 | 521603 | | |
| | 45 | | | 250 | 11 | 30 | 9 | 521641 | | |
| 70 | 35 | M10 | 25 | 450 | 8 | 35 | 6,5 | 521705 | | |
| | 50 | | | 350 | 11 | 35 | 11 | 521710 | | |
| | 70 | | | 300 | 14 | 35 | 15 | 521711 | | |
| 75 | 25 | M12 | 37 | 600 | 4,5 | 80 | 5 | 521712 | | |
| | 40 | | | 35 | 450 | 7 | 80 | 8,5 | 521713 | |
| | 55 | | | 37 | 380 | 10 | 80 | 12 | 521714 | |
| 80 | 40 | M12 | 28 | 600 | 9 | 40 | 7 | 521658 | | |
| | 30 | | | 45 | 950 | 7 | 40 | 5 | 521803 | |
| | 30 | | | 35 | 950 | 7 | 40 | 5 | 521840 | |
| | 40 | | | 35 | 600 | 9 | 40 | 7 | 521841 | |
| | 70 | | | 35 | 500 | 17 | 40 | 15 | 521842 | |
| | 80 | | | 35 | 450 | 19 | 40 | 17 | 521843 | |
| 100 | 40 | M16 | 47 | 1 100 | 8 | 60 | 7 | 521908 | | |
| | 55 | | | 900 | 12 | 60 | 10 | 521909 | | |
| | 80 | | | 750 | 19 | 60 | 17 | 521910 | | |

* The shear characteristics are measured under axial load.

1 threaded hole



Diabolo mounts

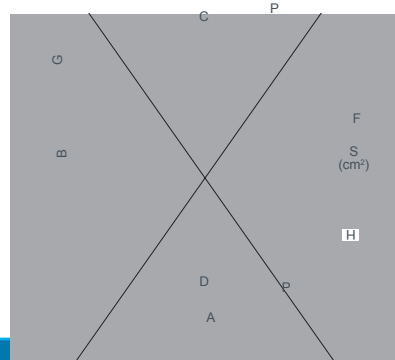


| Ø A (mm) | B (mm) | C | H (mm) | Compression | | Ref. |
|----------|--------|-----|--------|------------------|-----------------|--------|
| | | | | Maxi. load (daN) | Deflection (mm) | |
| 16 | 10 | M4 | 2,5 | 20 | 2 | 511152 |
| | 15 | | | 20 | 3 | |
| 20 | 15 | M6 | 4 | 35 | 4 | 511154 |
| 25,5 | 15 | M6 | 4 | 60 | 3,5 | 511164 |
| | 20 | | | 5,5 | 511162 | |
| | 30 | | | 50 | 8 | 511163 |
| 30 | 22 | M8 | 6 | 80 | 6 | 511156 |
| 40 | 28 | M8 | 7 | 110 | 5 | 511178 |
| | 40 | | 15 | 100 | 7,5 | 511179 |
| 50 | 20 | M10 | 10 | 343 | 3,4 | 511168 |
| | 30 | | | 190 | 5 | 511180 |
| | 40 | | | 170 | 7 | 511181 |
| 60 | 25 | M10 | 8 | 400 | 6 | 511182 |
| | 45 | | | 250 | 11 | 511183 |
| 75 | 25 | M12 | 12 | 600 | 4,5 | 511184 |
| | 40 | | 10 | 450 | 7 | 511185 |

| Ø A (mm) | B (mm) | C | G (mm) | Ø S (mm) | Compression (P) | | Shear* (F) | | Ref. |
|----------|--------|-----|--------|----------|-----------------|-----------------|-----------------|-----------------|--------|
| | | | | | Max. load (daN) | Deflection (mm) | Max. load (daN) | Deflection (mm) | |
| 12,5 | 14 | M5 | 10 | 0,3 | 3 | 1,4 | 0,5 | 1,2 | 521300 |
| 20 | 19 | M6 | 16,5 | 1,6 | 12 | 2,5 | 3 | 5 | 521201 |
| 40 | 28 | M10 | 25 | 3,1 | 30 | 5 | 2,5 | 4,5 | 521403 |
| 57 | 44 | M8 | 20 | 5 | 40 | 5 | 7 | 5 | 521571 |
| 57 | 44 | M8 | 20 | 9,5 | 75 | 5 | 12 | 6 | 521572 |
| 60 | 60 | M10 | 25 | 19,5 | 150 | 8 | 30 | 10 | 521602 |
| 80 | 70 | M14 | 35 | 38,5 | 300 | 9,5 | 55 | 9,5 | 521801 |
| 95 | 76 | M16 | 45 | 50 | 400 | 9,5 | 70 | 8 | 521951 |

The Ø 16 studs and tapped holes are equipped with RA-PID nuts.

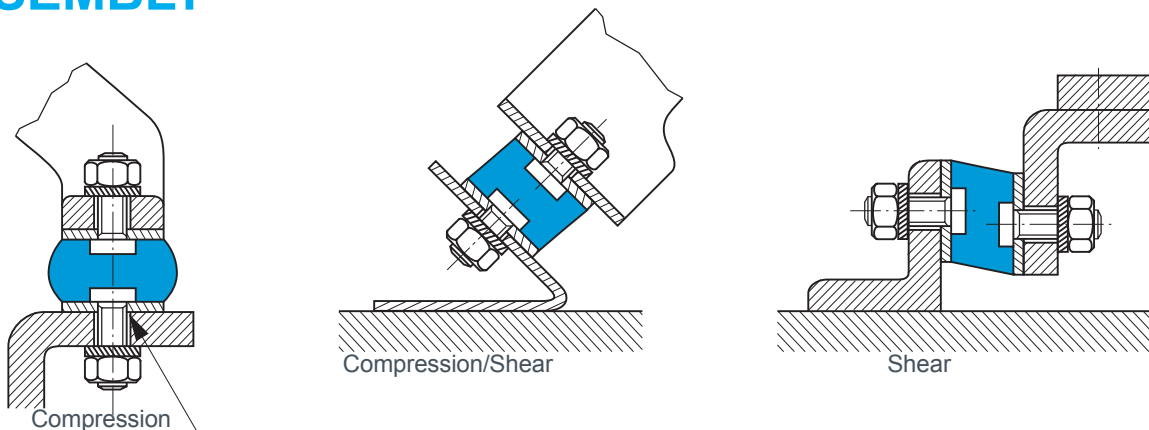
Tightening torque corresponding to 1.8 N.m.



| Ø A (mm) | B (mm) | C | Ø S (mm) | H (mm) | G (mm) | D (mm) | Compression (P) | | Shear* (F) | | Ref. |
|----------|--------|-----|----------|--------|--------|--------|-----------------|-----------------|-----------------|-----------------|--------|
| | | | | | | | Max. load (daN) | Deflection (mm) | Max. load (daN) | Deflection (mm) | |
| 80 | 60 | M14 | 38,5 | 15,5 | 3 | 30 | 250 | 5 | 70 | 8 | 521802 |

* Shear characteristics' are measured under axial load.

ASSEMBLY



The fixing holes for the Radiaflex mounts should have a chamfer with a depth equal to the pitch of the thread.