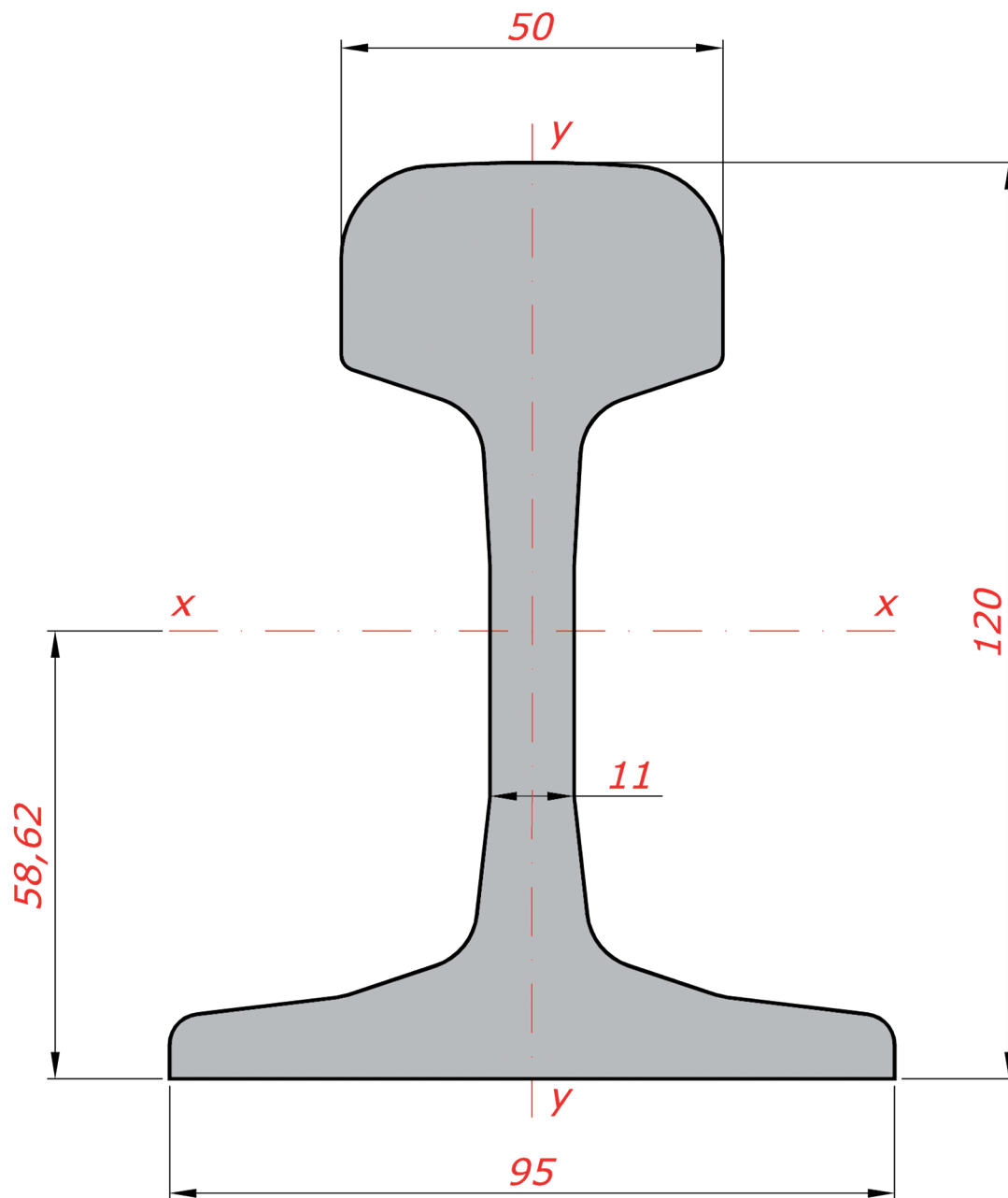




|                            |       |                 |
|----------------------------|-------|-----------------|
| MASS                       | 27,06 | kg/m            |
| AREA                       | 34,47 | cm <sup>2</sup> |
| MOMENT OF INERTIA x-x      | 666,5 | cm <sup>4</sup> |
| MOMENT OF INERTIA y-y      | 95    | cm <sup>4</sup> |
| SECTION MODULUS x-x - HEAD | 108,6 | cm <sup>3</sup> |
| SECTION MODULUS x-x - BASE | 113,7 | cm <sup>3</sup> |
| SECTION MODULUS y-y        | 20    | cm <sup>3</sup> |



## SUITABLE FASTENING SYSTEM FOR RAIL 27 E1 (27 UNI)

INDIRECT FIXING

DIRECT FIXING

### WITHOUT PAD

| FASTENING SERIES | LATERAL ADJUSTMENT | SIDE LOAD | TORQUE TIGHTENING | FASTENING SYSTEM |
|------------------|--------------------|-----------|-------------------|------------------|
| VALEX 1004       | 10                 | 60        | 175               | VALEX 1004-25-14 |
| VALEX 3016       | -                  | 50        | 175               | VALEX 3016-28-15 |
| VALEX 3116       | -                  | -         | -                 | -                |
| VALEX 5016       | 10                 | 55        | 150               | VALEX 5016-32-6  |
| VALEX 5020       | -                  | -         | -                 | -                |
| VALEX 5024       | -                  | -         | -                 | -                |
| VALEX 5116       | 10                 | 125       | 150               | VALEX 5116-32-6  |
| VALEX 5120       | -                  | -         | -                 | -                |
| VALEX 5124       | -                  | -         | -                 | -                |
| VALEX 9022       | -                  | -         | -                 | -                |

| FASTENING SERIES | LATERAL ADJUSTMENT | SIDE LOAD | TORQUE TIGHTENING | FASTENING SYSTEM |
|------------------|--------------------|-----------|-------------------|------------------|
| VALEX 2012       | 5                  | 18        | 75                | VALEX 2012-31-6  |
| VALEX 2016       | 10                 | 35        | 175               | VALEX 2016-32-6  |
| VALEX 2020       | -                  | -         | -                 | -                |
| VALEX 2024       | -                  | -         | -                 | -                |
| VALEX 2124       | -                  | -         | -                 | -                |
| VALEX 4000       | 6                  | 60        | 220               | VALEX 4018       |
| VALEX 6024       | -                  | -         | -                 | -                |
| VALEX 7020       | -                  | -         | -                 | -                |
| VALEX F          | -                  | 50        | 220               | VALEX F036       |
| VALEX D          | -                  | 20        | 75                | -                |
| VALEX D/M        | -                  | 18        | 75                | -                |

### WITH PAD

| FASTENING SERIES | LATERAL ADJUSTMENT | SIDE LOAD | TORQUE TIGHTENING | FASTENING SYSTEM |
|------------------|--------------------|-----------|-------------------|------------------|
| VALEX 1004       | 10                 | 60        | 175               | VALEX 1004-29-18 |
| VALEX 3016       | -                  | -         | -                 | -                |
| VALEX 3116       | -                  | -         | -                 | -                |
| VALEX 5016       | 10                 | 55        | 150               | VALEX 5016-32-13 |
| VALEX 5020       | -                  | -         | -                 | -                |
| VALEX 5024       | -                  | -         | -                 | -                |
| VALEX 5116       | 10                 | 125       | 150               | VALEX 5116-32-13 |
| VALEX 5120       | -                  | -         | -                 | -                |
| VALEX 5124       | -                  | -         | -                 | -                |
| VALEX 9022       | -                  | -         | -                 | -                |

| FASTENING SERIES | LATERAL ADJUSTMENT | SIDE LOAD | TORQUE TIGHTENING | FASTENING SYSTEM |
|------------------|--------------------|-----------|-------------------|------------------|
| VALEX 2012       | 5                  | 18        | 75                | VALEX 2012-31-10 |
| VALEX 2016       | 10                 | 35        | 175               | VALEX 2016-32-10 |
| VALEX 2020       | -                  | -         | -                 | -                |
| VALEX 2024       | -                  | -         | -                 | -                |
| VALEX 2124       | -                  | -         | -                 | -                |
| VALEX 4000       | -                  | -         | -                 | -                |
| VALEX 6024       | -                  | -         | -                 | -                |
| VALEX 7020       | -                  | -         | -                 | -                |
| VALEX F          | -                  | -         | -                 | -                |
| VALEX D          | -                  | -         | -                 | -                |
| VALEX D/M        | -                  | -         | -                 | -                |