

# STANDARD TOLERANCES CUTTING AND ASSEMBLY - OTHER PRODUCTS

## Aluminium Profiles

### Cutting

| Length (mm) | Tolerance (mm) |
|-------------|----------------|
| 2000-6000   | $\pm 0,3$      |
| 0-2000      | $\pm 0,1$      |

## Telescopic Rails - cutting and mounting

### SN

#### Length

| Length (mm) | Tolerance (mm) |
|-------------|----------------|
| 0-500       | $\pm 0,5$      |
| 500-1000    | $\pm 0,8$      |
| 1000-2000   | $\pm 1,2$      |
| 2000-4000   | $\pm 2,0$      |

#### Stroke

| Size | Tolerance (mm) |
|------|----------------|
| SN22 | -2 / +7        |
| SN28 | -2 / +10       |
| SN35 | -2 / +12       |

### ASN

#### Length

| Length (mm) | Tolerance (mm) |
|-------------|----------------|
| 0-500       | $\pm 0,5$      |
| 500-1000    | $\pm 0,8$      |
| 1000-2000   | $\pm 1,2$      |
| 2000-4000   | $\pm 2,0$      |

#### Stroke

| Size  | Tolerance (mm) |
|-------|----------------|
| ASN22 | -2 / +7        |
| ASN28 | -2 / +10       |
| ASN35 | -2 / +12       |
| ASN43 | -2 / +15       |
| ASN63 | -2 / +20       |

**DBN/DS/DE**

Length

| Length (mm) | Tolerance (mm) |
|-------------|----------------|
| 0-500       | ±0,5           |
| 500-1000    | ±0,8           |
| 1000-2000   | ±1,2           |
| 2000-4000   | ±2,0           |

Stroke

| Size (mm)    | Tolerance (mm) |
|--------------|----------------|
| DBN/DS/DE 22 | 2 / +14        |
| DBN/DS/DE 28 | -2 / +20       |
| DBN/DS/DE 35 | -2 / +24       |
| DBN/DS/DE 43 | -2 / +30       |
| DBN/DS/DE 63 | -2 / +40       |

**Ball screw/nut**

Clearance

**Ball nut clearance**

P0

**Linear unit RHL**

Stroke and moment

| Stroke (mm) | Tolerance (mm) | Moment (Nm) |
|-------------|----------------|-------------|
| 0-6000      | ±0,2           | <1          |