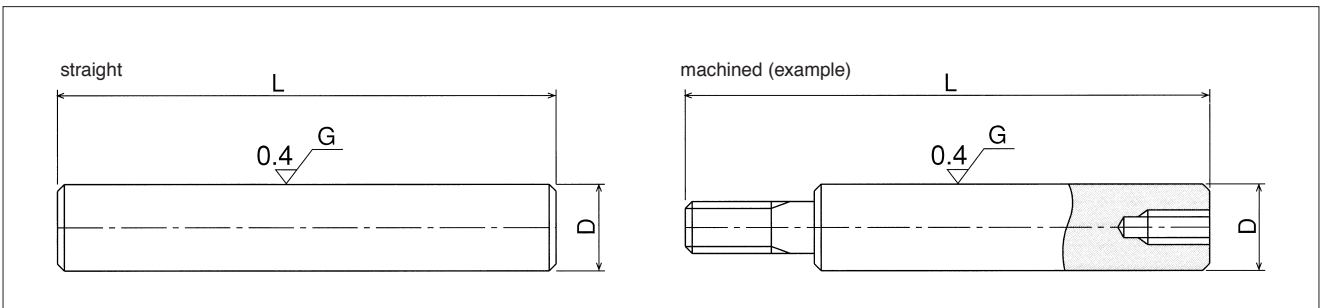
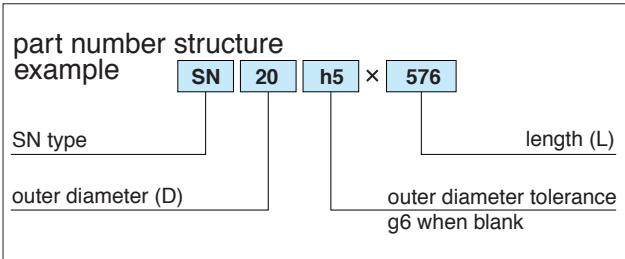
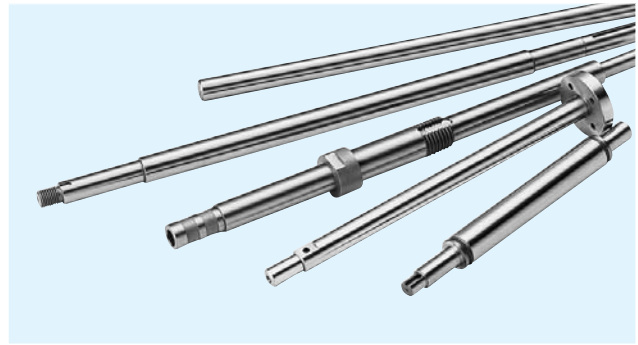




SN TYPE

– NB Shaft –



| part number | outer diameter | | length L | mass |
|-------------|----------------|------------------------|---------------|------|
| | D mm | tolerance g6* µm | | |
| SN 3 | 3 | -2/-8 | 50 ← → 400 | 0.06 |
| SN 4 | 4 | -4 | 100 ← → 500 | 0.10 |
| SN 5 | 5 | -12 | 100 ← → 700 | 0.16 |
| SN 6 | 6 | -5 | 100 ← → 1000 | 0.23 |
| SN 8 | 8 | -14 | 200 ← → 1500 | 0.40 |
| SN 10 | 10 | -6 | 200 ← → 2000 | 0.62 |
| SN 12 | 12 | -17 | 200 ← → 3000 | 0.89 |
| SN 13 | 13 | -7 | 200 ← → 3000 | 1.04 |
| SN 15 | 15 | -20 | 300 ← → 4000 | 1.39 |
| SN 16 | 16 | -9 | 300 ← → 4000 | 1.58 |
| SN 20 | 20 | -25 | 300 ← → 5000 | 2.47 |
| SN 25 | 25 | -10 | 300 ← → 6000 | 3.85 |
| SN 30 | 30 | -29 | 300 ← → 6000 | 5.55 |
| SN 35 | 35 | -12 | 400 ← → 6000 | 7.55 |
| SN 40 | 40 | -34 | 400 ← → 6000 | 9.87 |
| SN 50 | 50 | -14/-39 | 500 ← → 6000 | 15.4 |
| SN 60 | 60 | | 600 ← → 6000 | 22.2 |
| SN 80 | 80 | | 800 ← → 6000 | 39.5 |
| SN100 | 100 | | 1000 ← → 6000 | 61.7 |
| SN120 | 120 | | 1500 ← → 4500 | 88.8 |
| SN150 | 150 | | 1500 ← → 4500 | 139 |

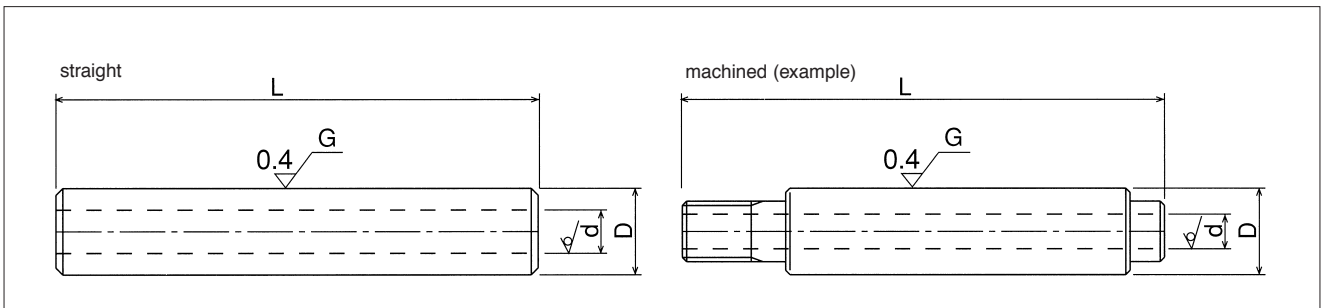
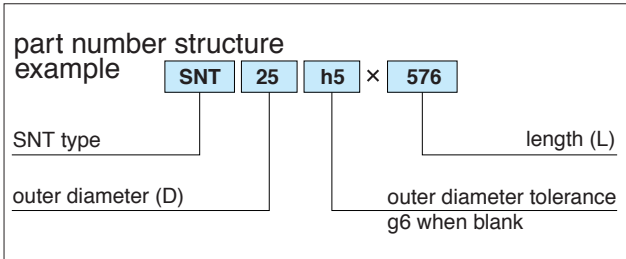
material: high-carbon chromium bearing steel(SUJ2) hardness: HV697 (60HRC) or more
Tolerances other than *g6 are available upon request.



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SNT TYPE

– NB Pipe Shaft –



| part number | outer diameter | | inner diameter d | length L | mass |
|-------------|----------------|---------------|------------------|---------------|------|
| | D | tolerance *g6 | | | |
| | mm | μm | mm | mm | kg/m |
| SNT 6 | 6 | -4/-12 | 2 | 100 ← → 400 | 0.20 |
| SNT 8 | 8 | -5 | 3 | 200 ← → 600 | 0.34 |
| SNT 10 | 10 | -14 | 4 | 200 ← → 1000 | 0.52 |
| SNT 12 | 12 | -6 | 5 | 200 ← → 1500 | 0.73 |
| SNT 13 | 13 | -17 | 6 | 200 ← → 1500 | 0.82 |
| SNT 16 | 16 | -17 | 8 | 300 ← → 2500 | 1.18 |
| SNT 20 | 20 | -7 | 10 | 300 ← → 4000 | 1.85 |
| SNT 25 | 25 | -20 | 15 | 300 ← → 4000 | 2.46 |
| SNT 30 | 30 | -20 | 16 | 300 ← → 4500 | 3.97 |
| SNT 35 | 35 | -9 | 19 | 400 ← → 4500 | 5.32 |
| SNT 40 | 40 | -25 | 20 | 400 ← → 4500 | 7.39 |
| SNT 50 | 50 | -25 | 26 | 500 ← → 4500 | 11.3 |
| SNT 60 | 60 | -10 | 32 | 600 ← → 4500 | 15.9 |
| SNT 80 | 80 | -29 | 48 | 800 ← → 4500 | 25.3 |
| SNT100 | 100 | -12/-34 | 60 | 1000 ← → 4500 | 39.5 |

material: high-carbon chromium bearing steel (SUJ2) hardness: HV697 (60HRC) or more
Tolerances other than *g6 are available upon request.

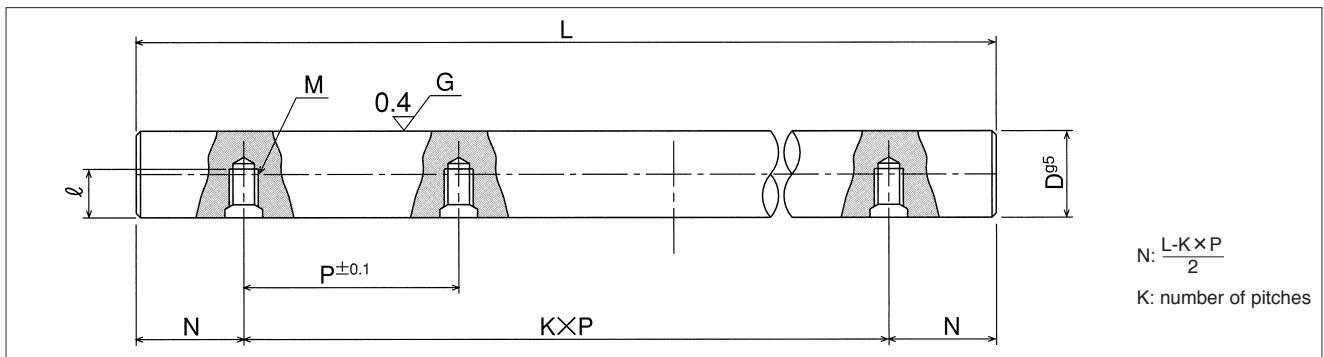
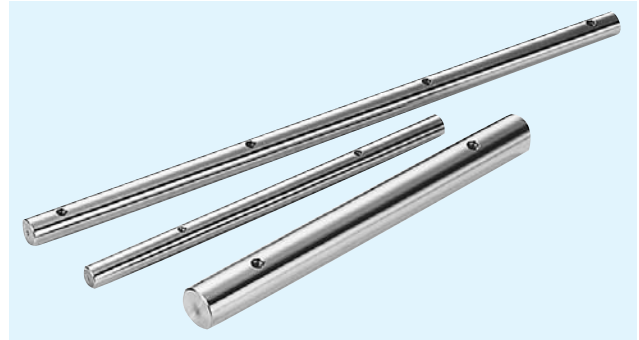
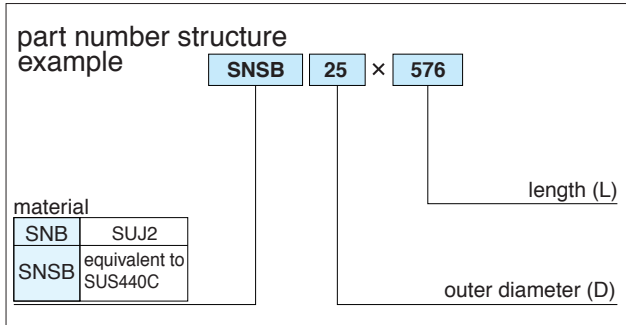


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NB CENTER-LINED TAPPED SHAFT

A larger diameter shaft can overcome problems in maintaining precision functionality when a high or unbalanced load is applied. The application of the center-lined tapped shaft together with the SA type support base is ideal in such cases (see SA dimensional table on pages E-32 and E-33). The center-lined tapped shaft is standardized to simplify selection.



NB Center-Lined Tapped Shaft

| part number | outer diameter | | pitch P mm | bolt size M | tap depth l mm | maximum length Lmax mm |
|-------------|----------------|-----------------------------|------------------|----------------|------------------------|------------------------------|
| | D mm | tolerance g6* μ m | | | | |
| SNB10 | 10 | -5/-14 | 100 | M 4 | 4.5 | 1,500 |
| SNB12 | 12 | -6 | 100 | M 4 | 5.5 | 1,800 |
| SNB13 | 13 | -17 | 100 | M 4 | 6 | 2,000 |
| SNB16 | 16 | -7 | 150 | M 5 | 7 | 2,000 |
| SNB20 | 20 | -20 | 150 | M 6 | 9 | 3,000 |
| SNB25 | 25 | -7 | 200 | M 6 | 12 | 4,000 |
| SNB30 | 30 | -20 | 200 | M 8 | 15 | 4,500 |
| SNB35 | 35 | -9 | 200 | M 8 | 15 | 5,000 |
| SNB40 | 40 | -25 | 300 | M 8 | 18 | 6,000 |
| SNB50 | 50 | -25 | 300 | M10 | 22 | 6,000 |

material: high-carbon chromium bearing steel (SUJ2)
 hardness: HV697 (60HRC) or more
 *g6 is standard tolerance for the outer diameter.

NB Center-Lined Stainless Tapped Shaft

| part number | outer diameter | | pitch P mm | bolt size M | tap depth l mm | maximum length Lmax mm |
|-------------|----------------|-----------------------------|------------------|----------------|------------------------|------------------------------|
| | D mm | tolerance g6* μ m | | | | |
| SNSB16 | 16 | -6/-17 | 150 | M 5 | 7 | 2,000 |
| SNSB20 | 20 | -7 | 150 | M 6 | 9 | 3,000 |
| SNSB25 | 25 | -20 | 200 | M 6 | 12 | 4,000 |
| SNSB30 | 30 | -9 | 200 | M 8 | 15 | 4,500 |
| SNSB35 | 35 | -25 | 200 | M 8 | 15 | 5,000 |
| SNSB40 | 40 | -9 | 300 | M 8 | 18 | 6,000 |
| SNSB50 | 50 | -25 | 300 | M10 | 22 | 6,000 |

material: Martensite stainless steel (equivalent to SUS440C)
 hardness: HV613 (56HRC) or more
 *g6 is standard tolerance for the outer diameter.

