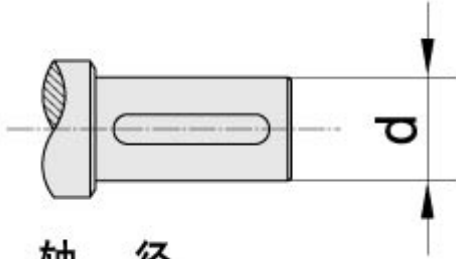


输出、输入部分公差标准:

Tolerance for input and output parts:

轴径公差:

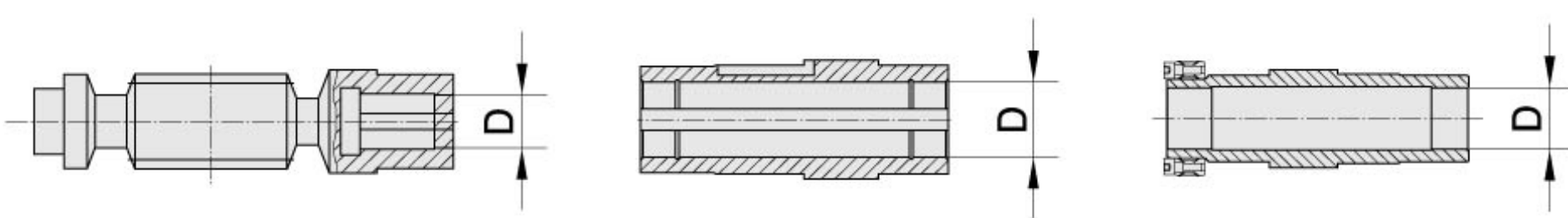
Tolerance for shaft diameter:



轴 径 Shaft diameter	公 差 Tolerance
$d \leq 50$	→ K6
$50 < d \leq 250$	→ m6
$d > 250$	→ n6

蜗杆、空心轴孔径公差:


Worm, hollow shaft diameter tolerance:



孔 径 Hole diameter	公 差 Tolerance
D	→ H7

输出法兰凸肩和螺母公差:

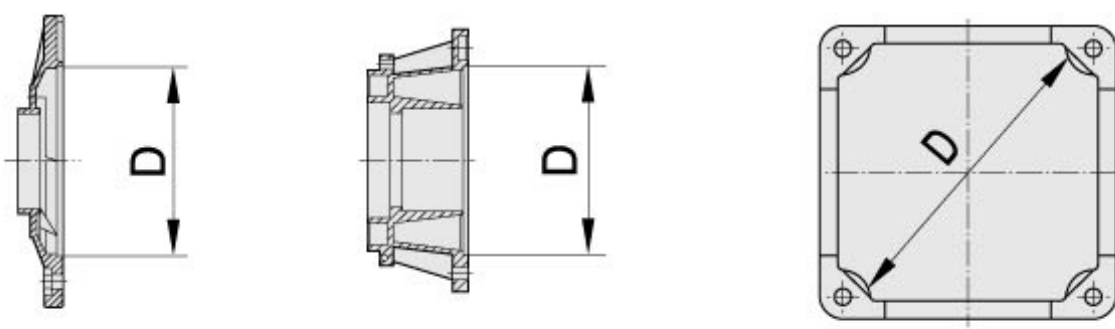
Nut, flange protruding step tolerance:



凸 肩 直 径 d	公 差 h7
d	→ h7

输出法兰、底座定位凹肩公差:

Flange, housing base concave step tolerance:



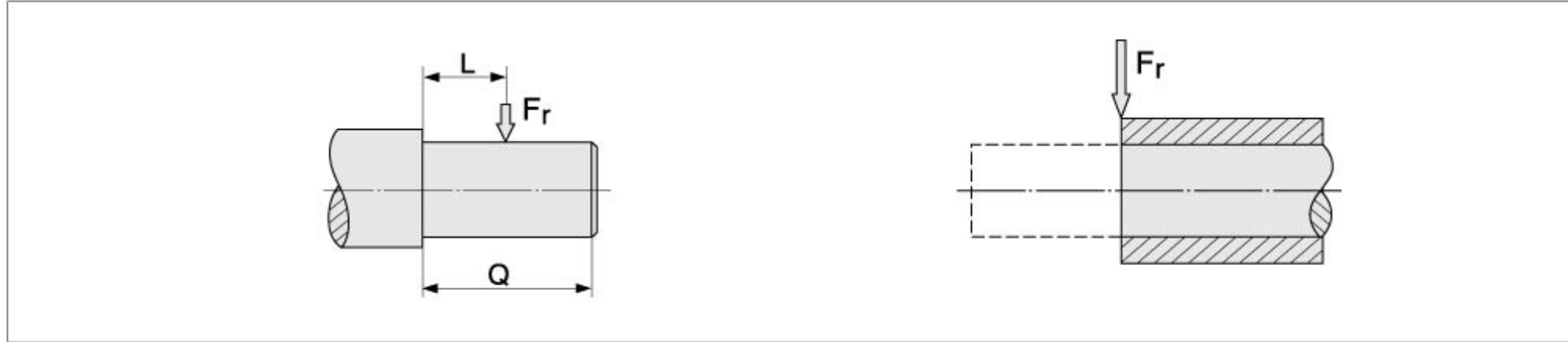
凹 肩 直 径 D	公 差 H7
D	→ H7

径向力Fr和轴向力Fa:

Radial loads "Fr" and axial loads "Fa" of output shaft:

输入、输出轴径向力的计算:

Calculation of radial force Fr:



$$Fr1 = \frac{T1 \times f \times Lf}{r}$$

$$Fr2 = \frac{T2 \times f \times Lf}{r}$$

Fr1、Fr2: 输入、输出轴上的径向力大小 (N)
f: 轴上所装配零件径向力系数 (表1)
Lf: 载荷位置系数 (表2)
r: 轴的半径 (m)

Fr1、Fr2 : Input,output radial force value (N)
f: Radial force factor of parts on shaft (table 1)
Lf: Load position factor (table 2)
r: Radium of shaft (mm)

径向力系数Radial force factor:(f) 表Table 1

链轮 Chain wheel	齿轮 Gear	V带轮 V belt wheel	平带轮 Flat belt wheel
1.00	1.25	1.5	2.0

载荷位置系数Load position factor:(f) 表Table 2

L/Q	≤0.5	0.75	1
Lf	1	1.5	2

当不受径向力时, 许用轴向力
Fa=Fr/2

Permissible axial loads Fa=Fr/2
without radial loads Fr.

需很大的许用轴向力和许用径向力请向我们另行咨询, 因为有些行业用途时结构(例轴承)需作一些变动。

Radial loads Fr are very big, please contact us because of some modification depending on different industry.

工作周期ED:

Working circle:

$$ED = \frac{t_f}{t_f + t_r} \cdot 100\%$$

t_f: 带负载的工作时间; t_r: 停歇时间。

t_f: Period under load; t_r: Period of repos.

噪声:

应提供允许的声压水平 (dB) 最大值, 当声压超过这一水平时, 可以采用吸音罩罩住, 若需可提供在敞开场地的布鲁克纳标准声压值。

Noise:

Usershould offer permissible sound pressure maximum value(dB), if noise is greater than maximum value, please use cover of sound absorption. If requiring, BLKN may offer normal noise intensity value in open field.