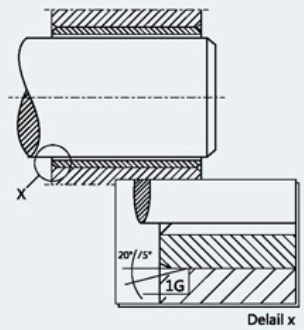
相配座孔的设计
Design of the matinghousing

直轴承 Cylindrical bushing

相配座孔应倒角 fG × 20o ± 5o，fG 的大小根据座孔直径 dH。

For cylindrical bushing, its mating housing must be chamfered according to the formula:
fG × 20o ± 5. Value of fG depends on dH, the diameter of the housing.

座孔直径 Diameter of the housing dH	倒角尺寸 Chamfered fG
dH≤30	0.8 ± 0.3
30<dH≤80	1.2 ± 0.4
80<dH≤180	1.8 ± 0.8
180<dH	2.5 ± 1.0

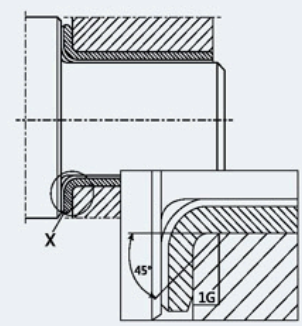


翻边轴承 Flanged bushing

对于翻边轴承相配座孔，座孔要求提供足够大的倒角以防止翻边轴承翻边半径处的变形。相配座孔倒角 fG × 45o ± 5°

As to the housing mating for flanged bushings, it requires the housing being chamfered big enough to avoid the deformation at the flanged circle. The housing mating shall be chamfered according to the formula: fG × 45o ± 5°

座孔直径 Diameter of the housing dH	倒角尺寸 Chamfered fG
dH≤10	1.2 ± 0.2
10<dH	1.7 ± 0.2



轴承倒角 Bushing Chamfer

为了便于相配轴的安装和避免轴承产生偏位负荷。轴承长度方向内外必须倒角，倒角尺寸如下所示：

In order to make fixing easier and avoid deviation load, the bushing must be inner and outer chamfered in the direction of its length. Dimension of the chamfer are showing in the following form.

2.5 壁厚 Wall thickness	外倒角尺寸 Out Chamfer Dimension	内倒角尺寸 Inner Chamfer Dimension
≤0.5	去毛刺 Burr polished	去毛刺 Burr polished
0.75	0.5 ± 0.3 × 20°	0.3+0.2 × 45°
1.0	0.6 ± 0.3 × 20°	0.3+0.2 × 45°
1.5	0.6 ± 0.3 × 20°	0.4+0.2 × 45°
2.0	1.2 ± 0.3 × 20°	0.6+0.2 × 45°
2.5	1.8 ± 0.3 × 20°	0.6+0.2 × 45°