

Table 81 : G-R (P class) Series Dimensions Table

Units : mm

Model No.	d	H ^{±0.02}	T	t	ℓ	T ₀	θ	S	S ₁	S ₂	f	P	Weight kgf/m
G16R	16	33	40	8	30	9	50°	M5	φ5.5	φ 8.9	4	100	5.0
G20R	20	37	40	8	30	9	50°	M5	φ5.5	φ 8.9	4	100	5.9
G25R	25	44.5	50	9	35	9	50°	M6	φ6.5	φ10.4	4.5	100	8.4
G30R	30	52	55	10	40	10	50°	M6	φ6.5	φ10.4	5	100	11.2

* Materials : Shaft SUJ-2, Supporter S45C

GC···R series (Commercial class)

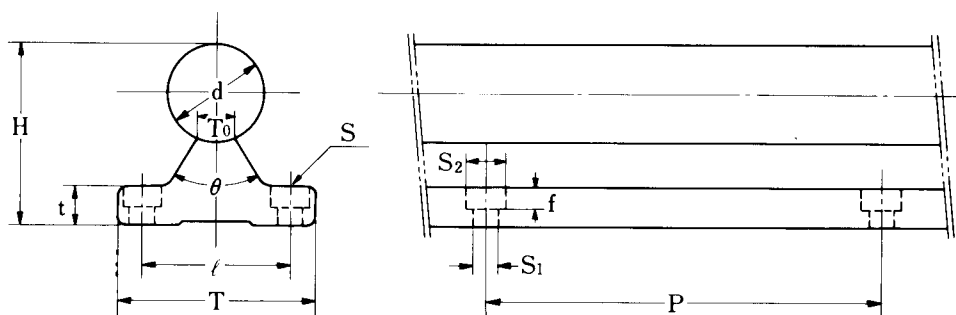


Table 82 : GC-R (Commercial class) Series Dimensions Table

Units : mm

Model No.	d	H ^{±0.2}	T	t	ℓ	T ₀	θ	S	S ₁	S ₂	f	P	Weight kgf/m
GC16R	16	33	40	8	30	9	50°	M5	φ5.5	φ 8.9	4	100	5.0
GC20R	20	37	40	8	30	9	50°	M5	φ5.5	φ 8.9	4	100	5.9
GC25R	25	44.5	50	9	35	9	50°	M6	φ6.5	φ10.4	4.5	100	8.4
GC30R	30	52	55	10	40	10	50°	M6	φ6.5	φ10.4	5	100	11.2

* Materials : Shaft SUJ-2, Supporter S45C

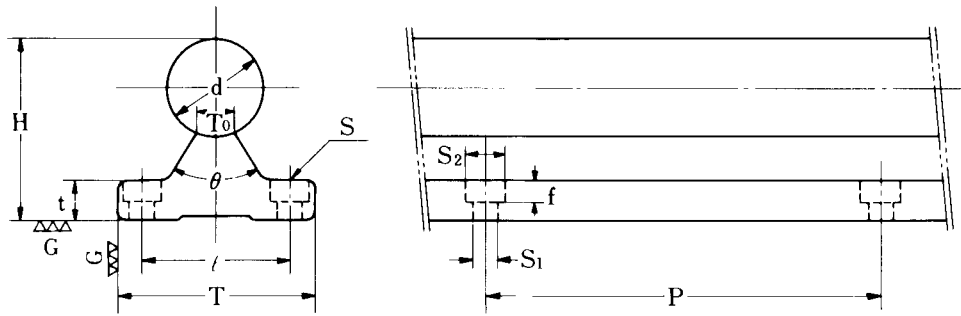


Table 83 : GS-R (P class · Stainless) Series Dimensions Table

Units : mm

Model No.	d	H ^{±0.02}	T	t	ℓ	T ₀	θ	S	S ₁	S ₂	f	P	Weight kgf/m
GS16R	16	33	40	8	30	9	50°	M5	φ5.5	φ 8.9	4	100	5.0
GS20R	20	37	40	8	30	9	50°	M5	φ5.5	φ 8.9	4	100	5.9
GS25R	25	44.5	50	9	35	9	50°	M6	φ6.5	φ10.4	4.5	100	8.4
GS30R	30	52	55	10	40	10	50°	M6	φ6.5	φ10.4	5	100	11.2

* Materials : Shaft SUS440C, Supporter S45C

GCS···R series (Commercial·Stainless)

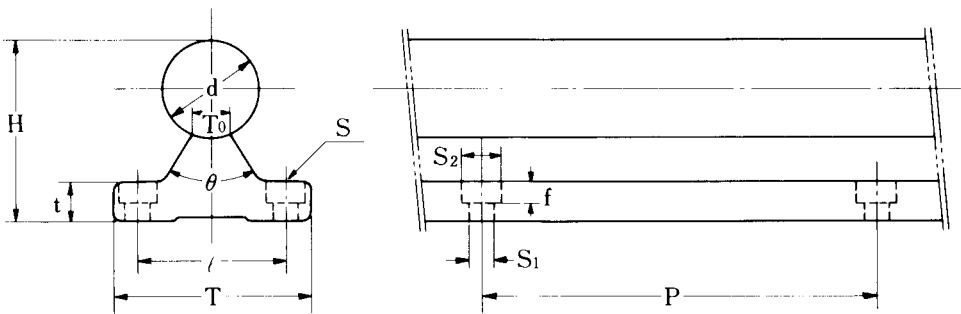


Table 84 : GCS-R (Commercial · Stainless) Series Dimensions Table

Units : mm

Model No.	d	H ^{±0.2}	T	t	ℓ	T ₀	θ	S	S ₁	S ₂	f	P	Weight kgf/m
GCS16R	16	33	40	8	30	9	50°	M5	φ5.5	φ 8.9	4	100	5.0
GCS20R	20	37	40	8	30	9	50°	M5	φ5.5	φ 8.9	4	100	5.9
GCS25R	25	44.5	50	9	35	9	50°	M6	φ6.5	φ10.4	4.5	100	8.4
GCS30R	30	52	55	10	40	10	50°	M6	φ6.5	φ10.4	5	100	11.2

* Materials : Shaft SUS440C, Supporter S45C

Standard Supporter Dimensions

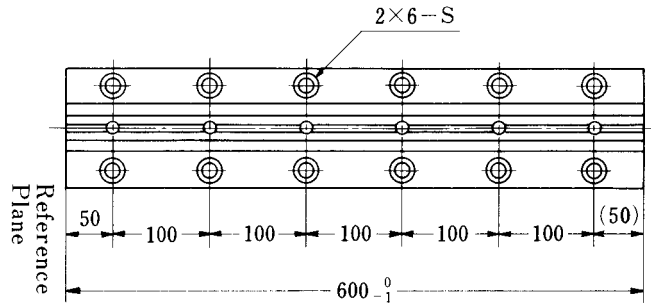


Fig. 23;

Maximum Guide Rail Length

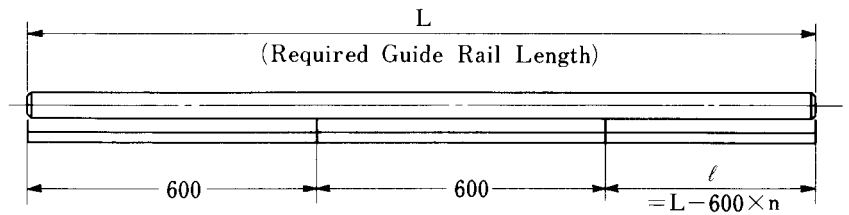


Fig. 24;

Table 85 : Maximum Guide Rail Length; mm

Model No.	Lmax
G-20R	2000
G-25R	3000
G-30R	3000

Long Rail Connection Method

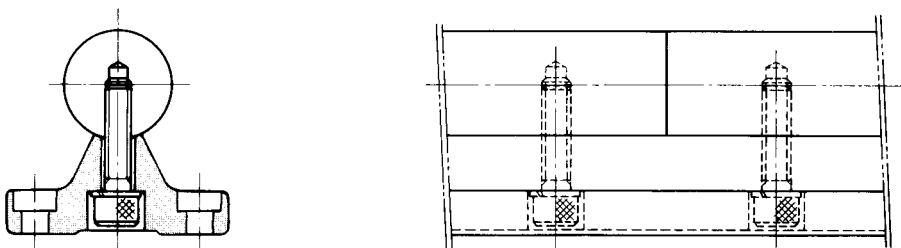


Fig. 25;

In case a long rail say, 10 meters in length, is required, a widely accepted method is to use several rail joints in the overall length. The detailed extension method for QZAK linear guides, as shown in Fig. 25, is best-suited for long rail joints. Both round shafts are installed on a supporting block after making sure that the block's joints are not right under any shaft-coupled points. The shafts are then each anchored by bolts. The shafts can be automatically aligned afterwards leaving no offsets at the shaft's joints.