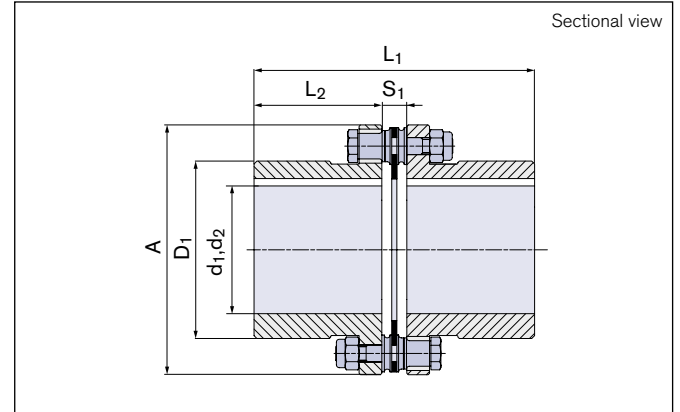


Mounting with key

GERWAH® HS



Dimensions

d_{1max} = Max. bore diameter
d_{2max} = Max. bore diameter
A = Max. outer diameter

D₁ = Outer diameter of the hub base
L₁ = Length of coupling

L₂ = Length of the hub base
S₁ = Distance

Size	d _{1,d2} max.	A	D ₁	L ₁	L ₂	S ₁
	mm	mm				
17	35	70,5	47	86,5	39,5	7,5
32	45	88	62,5	98,8	45	8,8
75	60	116,5	82	120,4	55	10,4
135	70	140,5	98	132	60	12
240	90	166,5	118	163	75	13
400	100	198,5	141	195	90	15
650	120	238	169	270,8	125	20,8
1100	120	238	169	272,2	125	22,2
2100	150	295	205	348	160	28
3600	180	345	254	432,2	200	32,2

To continue see next page

Mounting with key

GERWAH® HS

Technical Data

T_{KN} = Nom. Transmissible torque at d_{wmax}
T_L = Tightening torque of screws in disc pack

n_{max} = Max. rotation speed
ΔKa = Max. permissible axial misalignment
ΔKw = Max. permissible angular misalignment

Gw = Weight
J = Total moment of inertia
C_{Tdyn} = Dynamic torsional stiffness

Size	T _{KN} Nm	T _L Nm	n _{max} 1/min	ΔKa mm	ΔKw Grad	Gw kg	J 10 ⁻³ kgm ²	C _{Tdyn} 10 ³ Nm/rad
17	170	8	8400	0,5	1	1,3	0,49	173
32	320	14	6800	0,6	1	2,5	1,63	281
75	750	31	5400	0,8	1	5,2	9,91	637
135	1350	62	4600	1	1	8,2	13,57	1173
240	2400	110	3800	1,2	1	14,7	34,73	2000
400	4000	180	3400	1,4	1	25	83,65	2992
650	6500	280	3000	1,7	1	48,7	227,66	5269
1100	11000	320	3000	1,2	0,7	49	227,66	6586
2100	21000	570	2500	1,1	0,5	93	703,9	21848
3600	36000	1000	2100	1,3	0,5	163	1754,1	37204

- Designs with keyway according to DIN 6885-1
- More sizes and reinforced disc pack on request

Ordering example: GERWAH® HS-75-50-60

Series/Size	Bore diameter d ₁	Bore diameter d ₂
HS 75	50	60

Subject to technical changes.