

UNI™ Self-aligning Bearing Housings	Characteristics	Applications
 	<ul style="list-style-type: none"> • Adjusting bearing for misalignment equalisation • All-purpose as flange or pedestal bearing, suitable for high loads • Self-aligning spheric avoids edge load to the bearing • Adjustable up to $\pm 5^\circ$ • Spheric is secured against distortion • Depending on choice of housing, spherics and bearings, simple to most demanding bearing solutions are possible • For optimum design solutions, various bearings from the GGB product programme are applicable 	<p>Industrial</p> <p>Wind energy plants, car washes, cleaning machines, drum systems, bevelling equipment, handling systems, conveyor belts (pulleys), printing machines, heating and ventilation equipment, hoists, cranes, textile machinery, special machine engineering, bakery equipment, marine equipment</p>

Composition & Structure	Availability
<p>Housing material: GGG40 Spherical material: 16MnCr5 Corrosion resistant material possible</p>	<p>Ex Stock</p> <ul style="list-style-type: none"> • N/A <p>To order</p> <ul style="list-style-type: none"> • Order related production

Load limit values for radial forces				
Size	Bush ID D_i [mm]	max. pressure load [N] (housing)	max. tensile load [N] (bolt)	max. sheer off load [N] (bolt)
1	10 - 25	20000	10000	1000
2	28 - 40	30000	15000	1500
3	45 - 60	50000	25000	2500
4	65 - 80	90000	45000	4500
5	85 - 100	125000	62500	6000

The given data for UNI bearing housings are valid for 12.9 screws (DIN EN 20898, part 1), since the housing stability exceeds the permissible load of the fixing screws.