Tolerances

DURBAL-heavy-duty rod ends, series BRM, BRF, BRTM, BRTF, BEM, BEF

| d1 | | Δd_{1mp} | | V_{d1p} | V_{d1mp} | Δb_{1s} | | Δ hs,h1s,h2s | |
| | | tolerance limit | | | | tolerance limit | | tolerance limit | |
over	incl.	upper	lower	max.	max.	upper	lower	upper	lower
	6	+0,012	0	0,012	0,009	0	- 0,12	+0,8	-1,2
6	10	+0,015	0	0,015	0,011	0	- 0,12	+0,8	-1,2
10	18	+0,018	0	0,018	0,014	0	- 0,12	+1,0	-1,7
18	30	+0,021	0	0,021	0,016	0	- 0,12	+1,4	-2,1
30	50	+0,025	0	0,025	0,019	0	- 0,12	+1,8	-2,7

DURBAL-heavy-duty rod ends, series EM, EF, PM, PF

| d1 | | Δd_{1mp} | | V_{d1p} | V_{d1mp} | Δb_{1s} | | Δ hs,h1s,h2s | |
| | | tolerance limit | | | | tolerance limit | | tolerance limit | |
over	incl.	upper	lower	max.	max.	upper	lower	upper	lower
	10	+0,002	-0,010	0,008	0,006	0	-0,12	+0,8	-1,2
10	18	+0,003	-0,011	0,008	0,006	0	-0,12	+0,8	-1,2
18	30	+0,003	-0,013	0,010	0,008	0	-0,12	+1,0	-1,7
30	50	+0,003	-0,015	0,012	0,009	0	-0,12	+1,4	-2,1
50	80	+0,004	-0,019	0,015	0,011	0	-0,15	+1,8	-2,7

Dimension and tolerance symbols

d_1 = nominal bore diameter of the inner ring or joint ball

Δd_{1mp} = mean bore diameter deviation in one plane, arithmetical mean of the largest and smallest bore diameter

V_{d1p} = bore diameter variation in one plane, difference between the largest and smallest bore diameter

V_{d1mp} = mean bore diameter variation, difference between the largest and smallest bore diameter of one inner ring or joint ball

b_1 = inner ring or joint ball width

Δb_{1s} = single inner ring or joint ball width devation

h, h_1, h_2 = system length from inner ring or ball bore center to shank end

$\Delta h_s, \Delta h_{1s}, \Delta h_{2s}$ = system length variation of a single rod end