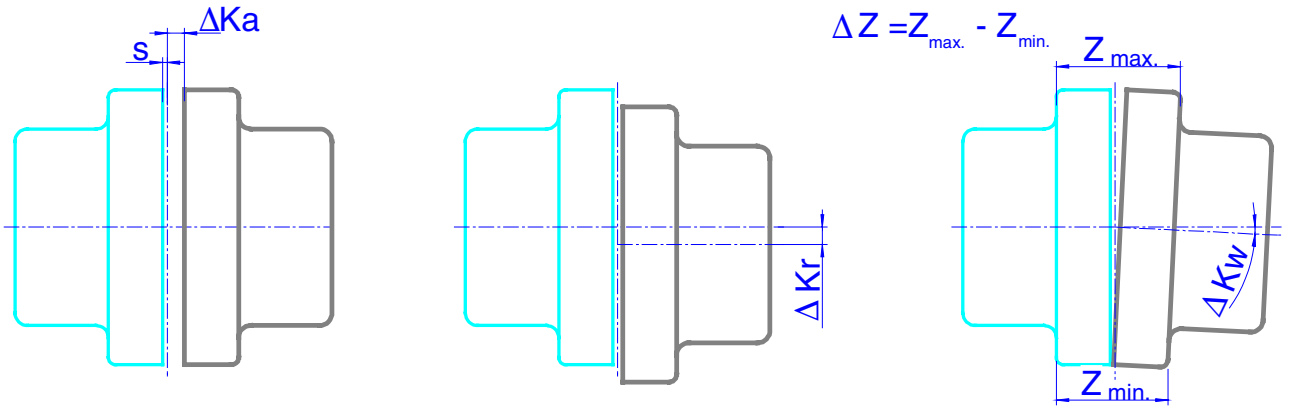
TMV series:
shaft displacement



TMV	Size	50	67	82	97	112	128	148	168	194	214	240	265
ΔKa	s ± ΔKa	2.0 ±0.5	2.5 ±0.5	3.0 ±1.0	3.0 ±1.0	3.5 ±1.0	3.5 ±1.0	3.5 ±1.0	3.5 ±1.5	3.5 ±1.5	4.0 ±2.0	4.0 ±2.0	5.5 ±2.5
ΔKr	Max.	±0.5	±0.5	±0.5	±0.5	±0.7	±0.7	±0.7	±1.0	±1.0	±1.0	±1.3	±1.5
	Max. at 1,500 min^{-1}	0.22	0.25	0.28	0.32	0.36	0.39	0.43	0.45	0.48	0.5	0.5	0.5
ΔKw	Max. [°]	±1.5°	±1.5°	±1.5°	±1.5°	±1.2°	±1.2°	±1.2°	±1.2°	±1.2°	±1.2°	±1.2°	±1.2°
	Max. [°] at 1,500 min^{-1}	1.0°	1.0°	1.0°	1.0°	0.8°	0.8°	0.8°	0.8°	0.8°	0.8°	0.8°	0.8°
	Max. Δz [mm]	1.3	1.8	2.2	2.5	2.5	2.7	3.1	3.5	4.0	4.5	5.0	5.5
	Δz [mm] at 1,500 min^{-1}	0.85	1.1	1.35	1.6	1.6	1.8	2.0	2.35	2.7	2.85	3.35	3.7

The above figures are based on the maximum displacement capacity of couplings.
To accommodate the displacement occurring during system operation, the alignment values should not exceed 15% of the values stated.
Precise alignment increases the service life of couplings and protects the adjacent shafts and bearings.

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