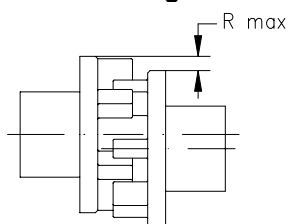


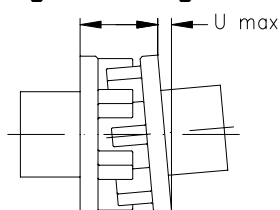
Mounting instructions and alignment tolerances MMS / MMG

The specified alignment tolerances should only be considered as approximate values in order to keep the assembly work involved within reasonable limits and in view of the fact that the compensating capability of the coupling depends to a large extent on the rotational speeds and loads applied. Precise alignment of the coupling halves contributes to a long service life of the flexible coupling elements.

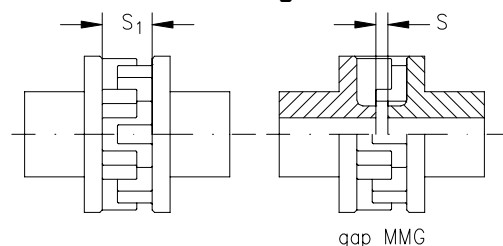
Radial misalignment



Angular misalignment



Axial misalignment



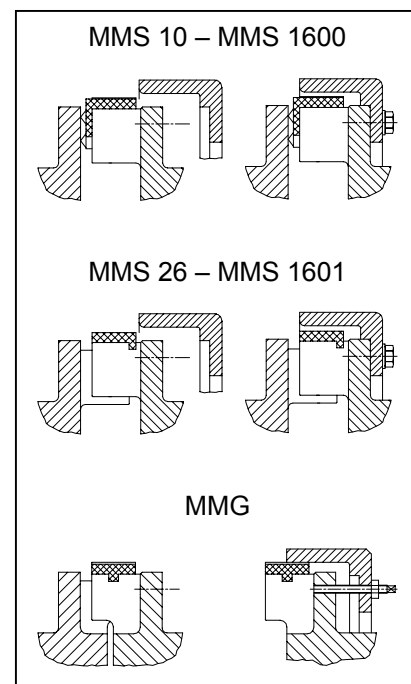
MMS Series

Size	4 ^{*)}	6,3 ^{*)}	10	16	25	40	63	100	160	250	400	630	1000	1600
Special size					26	41	64	101	161	251	401	631	1001	1601
R _{max} [mm]	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.7	0.8
U _{max} [mm]	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2
S ₁ ± [mm]	18 ±1	20 ±1	17 ±1	19 ±1	22 ±1	26 ±1	30 ±1	35 ±1	41 ^{+1.2} ₋₁	47 ^{+1.5} ₋₁	56 ^{+1.5} ₋₁	64 ^{+1.5} ₋₁	75 ⁺² ₋₁	85 ⁺² ₋₁

*) applies to MMS-A (without retaining cap)

MMG Series

Size	2500	4000	6300	10 000	16 000	25 000	40 000	63 000	100 000
R max. [mm]	0,8	0,9	1,0	1,0	1,2	1,4	1,6	2,0	2,0
U max. [mm]	1,2	1,3	1,4	1,5	1,8	2,1	2,4	2,7	3,0
S ₁ ± [mm]	7 ±1,5	8 ±1,5	9 ±1,5	10 ±2	15 ±2	20 ±2,5	22 ±3	25 ±3	30 ±4



How to mount the flexible elements and the retaining cap

When mounting the flexible elements care shall be taken to ensure that the coupling halves are not mounted too close to each other in order to protect the flexible elements from being subjected to lateral pressure and to maintain the axial flexibility of the coupling in operation. Likewise, the coupling halves shall not be mounted too far from each other so that the rubber blocks are capable of transmitting over the entire width between the coupling claws.

For easier positioning of the retaining cap when the saddle elements are inserted we recommend to previously coat their periphery with talcum or soft soap (no grease or oil). A threaded rod may be used as an aid for pushing the retaining cap into position.

For the coupling sizes MMS 10 – MMS 400 it is important to note that only screws with the associated washers acc. to DIN 7349 must be used for fitting the retaining caps of glass fibre reinforced polyamide.

Screwed connections of the coupling

Before starting initial operation, all screws of the coupling shall be checked for their correct tightening torque using a torque wrench. Only correctly tightened screws are secured against loosening. If an additional screw lock is required we recommend to use anaerobic adhesives (e.g. Loctite or equivalent). The tightening torques for slotted headless screws with metric threads and head contact, such as DIN 912, 931, 6912 with coarse-pitch threads, shall be chosen according DIN 13, material 8.8.

Screw size	M 6	M 8	M 10	M 12	M 16	M 20	M 24	M 27	M30
Tightening torque [Nm]	10	25	49	86	210	410	710	1050	1450

Safety precautions

It is the customer's and user's responsibility to provide proper guards over rotating machinery and to observe the national and international safety rules and laws.

Check all screwed connections for proper fit preferably after the test run.

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