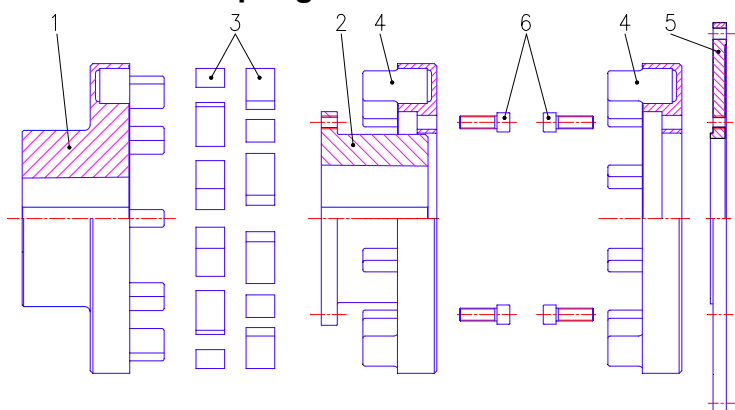


Mounting instructions and alignment tolerances MMD

Parts of the coupling

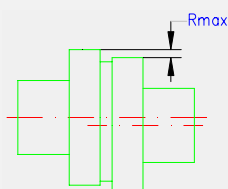


- 1 Hub
- 2 Splitting flange hub
- 3 Transmitting elements
- 4 Flange
- 5 Intermediate flange
- 6 Screws

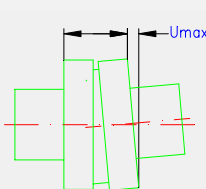
Alignment tolerances

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.

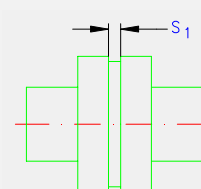
Radial alignment



Angular alignment



Axial alignment



Size	R max [mm]	U max [mm]	$S_1 \pm$ [mm]	Screw size	Number of screws	Tightening torque [Nm]	Number of rubber elements
MMD 4000	0,8	1,0	7 ± 2	M 20 x 60	18	410	40
MMD 6300	0,9	1,1	8 ± 2	M 24 x 70	18	710	40
MMD 10000	1,0	1,2	10 ± 2	M 24 x 80	18	710	40
MMD 16000	1,2	1,5	15 ± 3	M 27 x 80	18	1050	40

How to mount the flexible elements

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.

Screwed connections of the coupling

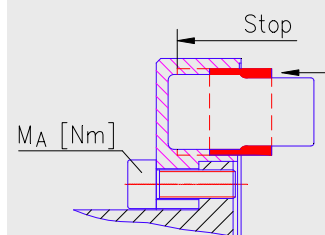
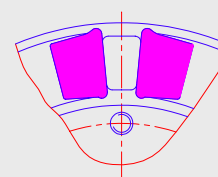
Before starting initial operation, all screws of the coupling shall be checked for their correct tightening torque using a torque wrench. Only correctly tightened screws are secured against loosening. If an additional screw lock is required we recommend to use anaerobic adhesives (e.g. Loctite or equivalent). 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.

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.

Mounting of the elements



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