

## Tightening torques

Contact face/head support made from A2 or A4 stainless steel.

Coefficient of friction for thread and head support  $\mu_{ges} = 0.23$ .

Preload force based on 80% of the 0.2% yield point of  $Rp0.2 = 200 \text{ N/mm}^2$ .

	Coefficient of friction $\mu_{ges}$	Hole $\emptyset$ [mm]	Head $\emptyset$ [mm]	Tensile stress cross section [mm <sup>2</sup> ]	Preload force FV [N]	Tightening torque MA [Nm]
M4	0,23	4,5	6	8,78	1.405	1,94
M5	0,23	5,5	8	14,2	2.272	3,76
M6	0,23	6,6	9	20,1	3.216	6,47
M8	0,23	9	13	36,6	5.856	15,54
M10	0,23	11	17	58	9.280	30,39
M12	0,23	13,5	20	84,3	13.488	52,46
M16	0,23	17,5	29	157	25.120	125,87