

Tightening torques K1329



Contact face/head support made from A2 or A4 stainless steel. Coefficient of friction for thread and head support μ_{ges} = 0.23.

Preload force based on 80% of the 0.2% yield point of $R_{p0.2} = 200 \text{ N/mm}^2$.

K1329	Coefficient of friction μ_{ges}	Hole diameter [mm]	Head diameter [mm]	Tensile stress cross section A_s of thread undercut [mm ²]	Preload force FV [N]	Tightening torque MA [Nm]
M3	0.23	3.4	8	3.80	608	0.7
M4	0.23	4.5	11	6.61	1.057	1.6
M5	0.23	5.5	14	10.75	1.720	3.2
M6	0.23	6.6	17	15.21	2.433	5.5
M8	0.23	9	20	28.27	4.524	12.8
M10	0.23	11	22	46.57	7.450	25.0
M12	0.23	13.5	27	69.40	11.104	45.2
M16	0.23	17.5	36	132.73	21.237	114.1
M20	0.23	22	36	211.24	33.799	211.2