

Information to mounting screws



Thread size	Stress class (ISO 878) * (DIN 17440) #	Material/ surface treatment	For corrosion protection class	Length		Fastening torque dry [Nm]	Active area [mm ²]	Elasticity limit [N/mm ²]	Max. force on screws, static S=2,2 [N]
				without shaft [mm]	with shaft [mm]				
M3	8,8 *	Steel/black	Standard	4-20	22-50	1,2	5,03	640	1460
	12,9 *	Steel/Zn-coated	K1	4-20	22-30	1,2			
		Steel/black	Standard	4-30	25-50	2,1			
	A4 #	Steel/dacromet	K1	5-20	25-30	1,9			
		Steel stainless	K4/K9	4-22	25-50	1,1		450	1025
M4	8,8 *	Steel/black	Standard	5-25	30-80	2,8	8,78	640	2550
	12,9 *	Steel/Zn-coated	K1	5-25	30-40	2,6			
		Steel/black	Standard	5-60	30-80	5			
	A4 #	Steel/dacromet	K1	5-25	30-60	4,3			
		Steel stainless	K4/K9	6-25	30-70	2,6		450	1795
M5	8,8 *	Steel/black	Standard	6-30	30-100	5,5	14,2	640	4130
	12,9 *	Steel/Zn-coated	K1	6-30	30-60	5,2			
		Steel/black	Standard	6-70	30-100	9,7			
	A4 #	Steel/dacromet	K1	6-25	30-60	8,4			
		Steel stainless	K4/K9	6-25	30-10	5,1		450	2900
M6	8,8 *	Steel/black	Standard	6-50	35-120	9,5	20,1	640	5845
	12,9 *	Steel/Zn-coated	K1	6-50	35-100	8,9			
		Steel/black	Standard	6-80	35-150	16,5			
	A4 #	Steel/dacromet	K1	8-30	35-150	14,5			
		Steel stainless	K4/K9	8-30	35-150	8,8		450	4110

Screw-in length (d = thread diameter)

In steel = approx 1 d
 In cast iron = approx 1,3 d
 In aluminium = approx 2 d