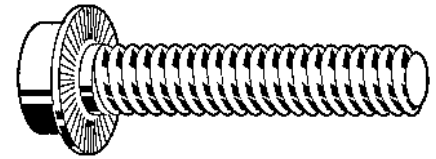
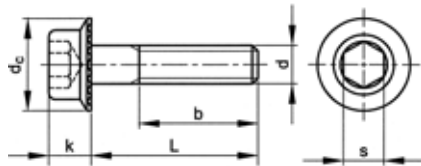


Self-locking hexagon socket head cap screw with flange

2



Technical data

	M5	M6	M8	M10	M12
d					
P	0,8	1	1,25	1,5	1,75
b	22	24	28	32	36
d _c (max.)	11	13,5	17	19,5	22,5
k (max.)	5	6	8	10	12
s	4	5	6	8	10
Full thread L ≤	-	25	30	35	35

- RIPP self-locking hexagon bolts with flange are designated with the property class 100 with a min. tensile strength of 1040 N/mm², they are casehardened and therefore cannot be classified in the usual class 10.9.

Special features of RIPP self-locking hexagon bolts with flange:

- the serrated flange eliminates surface damage during assembly, prevents self-loosening and reduces relaxation
- the flange enables built up forces under the bolt head to be spread over a larger area, consequently resulting in a lower surface pressure
- large holes (oversized) and/or tooling holes can be covered by the flange
- a washer and/or a locking element is not necessary

ASSEMBLY PRE-LOAD F_M in kN and TIGHTENING TORQUE M_A in Nm

Class	Mating material	M5		M6		M8		M10		M12	
		F_M	M_A	F_M	M_A	F_M	M_A	F_M	M_A	F_M	M_A
100	Steel (Rm < 800 N/mm ²)	9	13	12,6	24	23,2	45	37	90	54	150
	Steel (Rm ≥ 800 N/mm ²)	9	11	12,6	20	23,2	42	37	85	54	140
	Malleable iron	9	10	12,6	19	23,2	39	37	80	54	120

07095 RIPP Self-locking hexagon socket head cap screw with flange

D93A

Thread	Metric thread
Material	Steel
Class	100
Packaging	Standard



d x L	☒	Art.number	d x L	☒	Art.number	d x L	☒	Art.number	
M5X10	500	07095.050.010	M8X12	200	07095.080.012	M12X20	100	07095.120.020	
M5X12	500	07095.050.012	M8X16	200	07095.080.016		M12X25	100	07095.120.025
M5X16	500	07095.050.016	M8X20	200	07095.080.020		M12X30	100	07095.120.030
M5X20	500	07095.050.020	M8X25	200	07095.080.025		M12X35	100	07095.120.035
M6X10	500	07095.060.010	M8X30	200	07095.080.030		M12X40	100	07095.120.040
M6X12	500	07095.060.012	M8X40	200	07095.080.040		M12X45	100	07095.120.045
M6X16	500	07095.060.016	M10X20	200	07095.100.020		M12X50	100	07095.120.050
M6X20	500	07095.060.020	M10X25	200	07095.100.025				
M6X25	500	07095.060.025	M10X30	200	07095.100.030				
M6X30	500	07095.060.030	M10X35	100	07095.100.035				
			M10X40	100	07095.100.040				

- Warning: electro-galvanizing of these products may cause hydrogen embrittlement.