

### 7.1.10. General torques

We recommend the use of torque measuring tools also when tightening other screws and nuts. The following torque values apply to screws treated with lubricating oil or Loctite.

These tightening values can not be used if the rod diameter of the screw has been reduced or the thread ends in final pass.

Screw dimension	Width across flats of hexagon screws	Key width of hexagon socket head screws	Torque Nm	Torque kpm
<b>Strength class 8.8</b>				
M8	13	6	25	2,5
M10	17	8	50	5,0
M12	19	10	85	8,5
M16	24	14	190	19
M20	30	17	370	37,5
M24	36	19	640	65
<b>Strength class 10.9</b>				
M8	13	6	37	3,8
M10	17	8	75	7,7
M12	19	10	130	13,3
M16	24	14	310	31,6
M20	30	17	620	63,2
M24	36	19	1060	108
<b>Strength class 12.9</b>				
M8	13	6	43	4,4
M10	17	8	87	8,9
M12	19	10	150	15,3
M16	24	14	370	37,7
M20	30	17	720	73,4
M24	36	19	1240	127

## 7.2. Use of locking fluids

When using locking fluid (Loctite), clean parts carefully in degreasing fluid and let them dry completely before applying locking fluid.