



Air Impulse Tools

- Pistol Type- SQ Drive • Pistol Type- Bit Shank
- straight Type- SQ. Drive • straight Type- Bit Shank
- Angle Type- SQ. Drive • Angle Type- Bit Shank
- sleeve Drive Sockets & Impulse Oil

TIGHTENING TORQUE (Nm)

This table shows the recommended tightening torque for common bolt size M2 to M48. According to ISO 898-1.

Bolt Size	Grade						Grade						
	4.6	4.8	5.8	8.8	10.9	12.9	4.6	4.8	5.8	8.8	10.9	12.9	
M2	0.13	0.17	0.22	0.35	0.49	0.58	M18	103	121	172	275	386	463
M3	0.46	0.61	0.77	1.20	1.70	2.10	M20	144	170	240	385	541	649
M4	1.10	1.40	1.80	2.90	4.00	4.90	M22	194	230	324	518	728	874
M5	2.20	2.95	3.60	5.70	8.10	9.70	M24	249	295	416	665	935	1120
M6	3.70	4.90	6.10	9.80	14.0	17.0	M27	360	435	600	961	1350	1620
M8	8.9	10.5	15	24	33	40	M30	492	590	819	1310	1840	2210
M10	17	21	29	47	65	79	M36	855	1030	1420	2280	3210	3850
M12	30	36	51	81	114	136	M42	1360		2270	3640	5110	6140
M14	48	58	80	128	181	217	M45	1690		2820	4510	6340	7610
M16	74	88	123	197	277	333	M48	2040		3400	5450	7660	9190

TORQUE RANGE REFERENCE

Torque is a very important reference value while choosing a right tool for tightening. Due to nut sizes, joint types, air pressure and working environment, the actual tightening torque may vary. The table below is only for a reference to choose the right tool. When the working torque is at the mean value of the torque range, the tool provides the best performance.

