

## Tightening Torques

If not specified below tighten fasteners to the following torques

M4: 4 Nm (35 in. lb.)

M5: 6 Nm (55 in. lb.)

M6: 10 Nm (90 in. lb.)

M8: 24 Nm (210 in. lb.)

M10: 35 Nm (310 in. lb.)

### ROTAX 447 UL SCDI

	P/N	NM	In. Lbs.
Hex screw M8X70	841-201	22	195
Hex screw M8X70	841-831	22	195
Hex screw M8X45	640-611	22	195
Stud M10X29/20	940-190	10	90
Stud M10X18/18	840-290	10	90
Stud M10X70/20	941-670	10	90
Hex Nut M10	242-091	38	335
Hex Nut M10X30	940-326	38	335
Hex M8X167	841-149	7	60
Hex Nut M8	242-206	22	195
Lock Nut M8X33	242-660	22	195
Hex Screw M8X20	940-591	14	125
Hex Nut M16X1,5 SW 21	942-285	60	530
Hex screw M8X16	940-581	14	125
Self-tapping screw	841-495	3	25
Tapite screw M6X12	240-385	8	70
Tapite screw M6X20	941-250	8	70
Hex nut M8	242-206	22	195
Lock nut M8X33	242-660	22	195
Hex screw M8X16	940-581	14	125
Tapite screw M5X16	941-925	6	55
Hex nut M22X1,5	842-230	95	840
Hex screw M6X20	940-561	6	53
Spark plug 14 mm, on cold engine	987-055	27	240

### ROTAX 503 UL DCDI

Hex Screw M8X70	841-201	22	195
Hex Screw M8X45	940-631	22	195
Hex Screw M8X45	940-611	22	195
Hex screw M8X65	841-841	22	195
Stud M10X29/20	940-190	10	90
Hex Nut M10	242-091	38	335
Hex Screw M10X30	940-326	38	335
Hex M8X173,5	840-555	7	60
Hex Nut M8	242-206	22	195
Lock Nut. M8X37	842-050	22	195
Banjo Bolt M6X16	241-830	6	53
Hex Nut M16X1,5 SW 21	942-285	60	530
Tapite Screw M6X20	941-250	8	70
Tapite screw M6X12	240-385	8	70
Hex Screw M8X16	940-581	14	125
Self-Tapping Screw	841-495	3	25
Hex Nut M8	242-206	22	195
Lock nut M8X37	842-050	22	195
Hex Screw M8X16	940-581	14	125
Hex Nut M6X25	240-036	3	27
Spark Plug 14 mm, on cold engine	897-055	27	240
Lock Nut M6	842-040	6	53
Hex Nut M22X1,5	842-230	105	930

### ROTAX 582 UL DCDI MOD.90/99

	P/N	NM	In. Lbs.
Stud M10X29/20	940-190	12	105
Hex Nut M10	242-091	38	335
Lock Nut M6	842-042	6	53
Tapite Screw M6X25	841-540	8	70
Hex Nut M22X1,5	842-230	105	930
Stud M8X79	941-390	7	60
Stud M8X84	240-490	7	60
Cap Nut M8	842-471	22	195
Stud M6X20/10	941-080	3	25
Hex. screw M6X8	841-580	8	70
Hose nipple M6	940-557	8	70
Hex. Screw M8X20 (carburetor flange)	940-591	14	125
Hex. Screw M8X20 (rotary valve cover)	940-591	20	177
Hex. Screw M8X25 (rotary valve cover)	240-276	20	177
Banjo Bolt M6X16	241-830	6	53
Lock nut M6	842-040	8	70
Hex Nut M22X1,5	842-230	105	930
Spark Plug 14 mm, on cold engine	897-055	27	240
Hex. Screw M6X25	240-036	3	27

### ROTAX 618 UL DCDI

Stud M10X29/20	940-190	12	105
Hex. Nut M10	242-091	38	335
Lock Nut M6	842-042	7	60
Hex Nut M22X1,5	842-230	105	930
Stud M8X75	841-881	7	60
Stud M8X84	240-490	7	60
Cap nut M8	842-471	22	195
Hose nipple M6	940-557	8	70
Hex. Screw M6X8	841-580	8	70
Valve Rod	253-242	1,5	13
Hex. Screw M8X25	240-276	20	177
Hex. screw M8X20	940-591	20	177
Banjo bolt M6X16	241-830	6	53
Lock nut M6	842-040	6	53
Hex. Screw M6X25	240-036	5	45
Spark Plug 14 mm, on cold engine	897-055	27	240

### ACCESSORIES

Tapite Screw M6x16	640-321	8	70
Allen Screw M8x30	840-991	22	195
Hex Screw 1/2-20 UNFX50	841-656	80	710
Hex Screw 1/2-20 UNF	941-051	80	710
Hex Screw 1/2-20 UNFX1	841-651	80	710
Allen Screw M10x45	841-820	40	350
Hex Nut M30x1,5 LH	842-575	250	2220
Magnetic Plug M18x1,5	840-270	24	210
Air Vent Screw M18x1,5	941-115	6	50
Hex Screw 1/2-20 UNFX1	941-056	80	710
Stud M8x84	240-490	7	60

\* Always consult the newest engine manuals for the most current torque specifications.