



Installation & Tightening Torques

Recommended bolt tightening torques for WeiQue clamp series | Document No. WQ-TC-001 | Rev. A

General Instructions

Torques listed are for zinc-plated carbon steel bolts (property class 8.8) tightened with a calibrated torque wrench, dry threads. For stainless steel bolts use a lubrication factor of 0.85x. For PP/PA insert clamps, do not exceed the Maximum Torque column - over-tightening will crack the insert.

WQL Light Series - PP/PA insert, M6 bolt (all sizes)

Group	OD Range (mm)	Bolt Size	Rec. Torque (Nm)	Max Torque (Nm)	Note
L0 / L1	6 - 12	M6x20	4	6	PP/PA insert
L2	12.7 - 18	M6x25	4	6	PP/PA insert
L3	19 - 25	M6x30	5	6	PP/PA insert
L4	26.9 - 30	M6x35	5	6	PP/PA insert
L5	32 - 42	M6x50	5	7	PP/PA insert
L6	44.5 - 50.8	M6x60	6	8	PP/PA insert
L7	57.2 - 73	M6x90	6	8	PP/PA insert
L8	76.1 - 102	M6x110	6	8	PP/PA insert

WQT Twin Series - PP/PA insert

Group	OD Range (mm)	Bolt Size	Rec. Torque (Nm)	Max Torque (Nm)	Note
T1	6 - 12	M6	4	6	PP/PA insert
T2 - T5	12.7 - 42	M8	10	14	PP/PA insert

WQH Heavy-Duty Series - metal body, high-pressure

Group	OD Range (mm)	Bolt Size	Rec. Torque (Nm)	Body Material	Class
H1	6 - 18	M10x45	35	Steel / SS / Al / PP	8.8
H2	18 - 30	M10x60	35	Steel / SS / Al / PP	8.8
H3	30 - 42	M10x70	35	Steel / SS / Al / PP	8.8
H4	42 - 75	M12x100	65	Steel / SS / Al / PP	8.8
H5	75 - 88.9	M16x130	155	Steel / SS / Al	8.8
H6	88.9 - 114	M20x190	310	Steel / SS / Al	8.8
H7	140 - 177.8	M24x220	535	Steel / SS / Al	8.8
H8	193.7 - 219	M30x300	1050	Steel / SS	8.8
H9	219 - 273	M30x450	1050	Steel / SS	8.8
H10	356 - 406	M30x560	1050	Steel / SS	8.8
H11	419 - 508	M36x710	1850	Steel / SS	8.8

Recommended Clamp Spacing (pipe support interval)

Series	OD Range (mm)	Steel pipe	Copper pipe	PP/PE pipe	Rubber hose	Hydraulic line
WQL Light	6 - 42	1000 mm	800 mm	600 mm	500 mm	400 mm



WeiQue Pipe Clamps

Yancheng WeiQue Pipe Fittings Co., Ltd.

WQL Light	44.5 - 102	1200 mm	1000 mm	800 mm	600 mm	500 mm
WQH Heavy	6 - 42	1500 mm	1200 mm	900 mm	700 mm	600 mm
WQH Heavy	42 - 114	2000 mm	1500 mm	1200 mm	900 mm	800 mm
WQH Heavy	114 - 508	3000 mm	2500 mm	-	-	1200 mm

Spacing values are guidelines for standard installation in non-vibration environments at ambient temperature. Reduce spacing by 30 % for vibrating pipework or elevated temperatures. Consult WeiQue technical support for offshore, high-pressure or cryogenic applications.