

SPECIFICATIONS

Accuracy ±3%

S.I. MODEL			QL2N	QL5N	QL10N	QL15N	QL25N5-1/4	QL25N5	
TORQUE RANGE [N · m]	MIN. ~ MAX.		0.4~2	1 ~5	2~10	3~15	5~25		
	GRAD.		0.02	0.05	0.1		0.2		
METRIC MODEL			20QL	50QL	100QL	150QL	225QL5-1/4	225QL5	
TORQUE RANGE [Kgf · cm]	MIN. ~ MAX.		4~20	10~50	20~100	30~150	50~250		
	GRAD.		0.2	0.5	1		2.5		
AMERICAN MODEL			QL15I-2A	QL30I-2A	QL50I-2A	QL100I-2A	QL200I-2A	QL200I-3A	
TORQUE RANGE [lbf · in]	MIN. ~ MAX.		3~15	6~30	10~50	20~100	50~200		
	GRAD.		0.1	0.2	0.5	1	2.5		
APPLICABLE BOLT	COMMON STEEL		M4	M5,M6	(M7)	M8			
	HIGH TENSION		(M3.5)	(M4.5)	M6	(M6) M7	(M7)		
MAX. HAND FORCE [N]			16.5	41.3	69	103.4	154.3		
DIMENSION [mm]	EFFECTIVE LENGTH	L	121		145		162		
	OVERALL LENGTH	L'	193.5		218.5		237		
	SQ. DRIVE	a	6.35mm (1/4in.)					9.53mm (3/8in.)	
		b	7.5					11	
	HEAD	R	11.5				13		
		h	17.5				18.5	22	
	BODY	m	19						
		n	9.2						
		d	15						
		D	37						
Handle Style			Two Toned Yellow/Black Resin						
Optional Carrying Case			N/A						
WEIGHT [kg]			0.27		0.29		0.33		

Accuracy ±3%

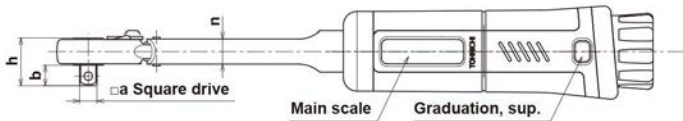
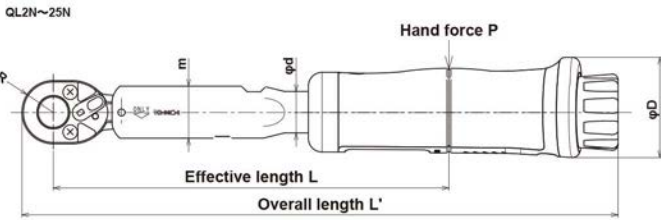
S.I. MODEL			QL50N	QL100N4-3/8	-	QL100N4	QL140N	QL200N4	QL280N-1/2	QL280N	QL420N
TORQUE RANGE [N · m]	MIN. ~ MAX.		10~50	20~100	-	20~100	30~140	40~200	40~280		60~420
	GRAD.		0.5	1				2			
METRIC MODEL			450QL3	900QL4-3/8	-	900QL4	1400QL3	1800QL4	2800QL3-1/2	2800QL3	4200QL2
TORQUE RANGE [Kgf · cm/Kgf · m]	MIN. ~ MAX.		kgf · cm 100~500	200~1000	-	200~1000	300~1400	400~2000	kgf · m 4~28		6~42
	GRAD.		kgf · cm 5	10				20	kgf · m 0.2		
AMERICAN MODEL			QL400I-3A	QL750I-3A	QL75F-3A	-	QL100F-4A	QL150F-4A	QL200F-4A	-	QL300F-6A
TORQUE RANGE [lbf · in/lbf · ft]	MIN. ~ MAX.		lbf · in 100~400	150~750	lbf · ft 15~75	-	30~100	30~150	30~200	-	60~300
	GRAD.		lbf · in 5	10	lbf · ft 1			2			
APPLICABLE BOLT	COMMON STEEL		M10	M12(M14)			M16	(M18)	M20	(M22)	
	HIGH TENSION		M8	M10			M12	(M14)	M16	(M18)	
MAX. HAND FORCE [N]			278	392		440	500	467			
DIMENSION [mm]	EFFECTIVE LENGTH	L	180	255		318	400	600		900	
	OVERALL LENGTH	L'	260	335		400	490	695		995	
	SQ. DRIVE	a	9.53 (3/8 in.)			12.7 (1/2in)			19.05 (3/4in.)		
		b	11			14		15.4		20.5	
	HEAD	R	16	17		18.8	20	22.5			
		h	25.6	29		32	33.5	38.4	39.9	44.5	46.5
	BODY	m	25.5	28			35		38.6		
		n	11.2	12.2			15		16.1		
		d	20	21.7			27.2		30		
		D	38.5	40			51.5		45		
Handle Style			Black Resin								Knurled Metal
Optional Carrying Case Size			#842	#846		#843 and #847	#847		N/A		
WEIGHT [kg]			0.45	0.69		0.88	1.4	2		3.4	

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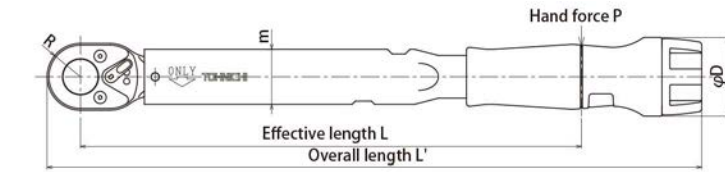
Accuracy ±3%

S.I. MODEL		QLE550N2	QLE750N2	QLE1000N2	QLE1400N2	QLE2100N2	QLE2800N2	
TORQUE RANGE [N · m]	MIN. ~ MAX.	100 ~ 550	150 ~ 750	200 ~ 1000	300 ~ 1400	500 ~ 2100	800 ~ 2800	
	GRAD.	5		10		20		
METRIC MODEL		5500QLE2	7500QLE2	10000QLE2	14000QLE2	21000QLE2	28000QLE2	
TORQUE RANGE [Kgf · m]	MIN. ~ MAX.	10 ~ 55	15 ~ 75	20 ~ 100	30 ~ 140	50 ~ 210	80 ~ 280	
	GRAD.	0.5		1		2		
AMERICAN MODEL		QLE400F-6A	QLE600F-6A	QLE700F-8A	QLE1000F-8A	QLE1500F-8A	QLE2000F-12A	
TORQUE RANGE [lbf · ft]	MIN. ~ MAX.	100 ~ 400	150 ~ 600	200 ~ 700	300 ~ 1000	500 ~ 1500	600 ~ 2000	
	GRAD.	5		10		20		
APPLICABLE BOLT	COMMON STEEL	M24	(M27)	M30	(M33)	M36	(M39)M42	
	HIGH TENSION	M20	(M22)	M24	(M27)	M30	(M33)	
MAX. HAND FORCE [N]		500	600	714.3	848.5	1200	1250	
DIMENSION [mm]	EFFECTIVE LENGTH	L	1100	1250	1400	1650	1750	2240
	OVERALL LENGTH	L'	1189	1342	1515	1787	1899	2405
	SQ. DRIVE	a	19.05 (3/4 in.)		25.4 (1 in.)		38.1 (1-1/2 in.)	
		b	20.5	21.5	26.5		28.5	42
	HEAD	R	29	32	35	37	44	50
		h	49	52	60	69	73	93
	BODY	m	42	44	52	58	66	79
		n	18		20	24	25.5	31
		d	33	34	40	45	51	60
		D	27.2	30		40		45
		ø0	843	900	983	971	1103	1190
		ø1	60		80	100	105	115
		ø2	426	524	625	921	911	1326
Handle Style		Knurled Metal with Press Lock Extension Handle						
Optional Carrying Case Size		N/A						
WEIGHT [kg]		4.3	5.6	7.7	11.1	14.6	23.7	

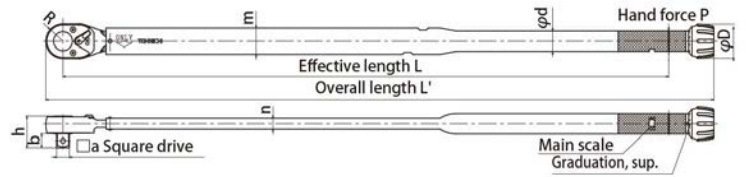
DIMENSIONS



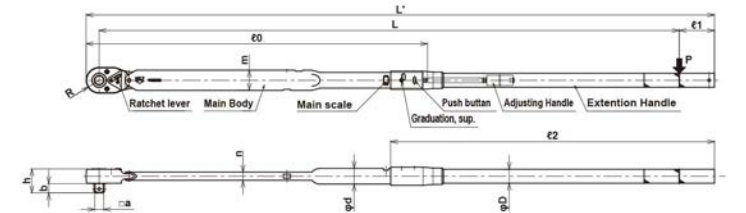
QL2N~25N5



QL50N~280N



QL420N



QLE5502N2~2800N2