

LCK

ADJUSTABLE, REPLACEABLE HEAD TORQUE WRENCHES

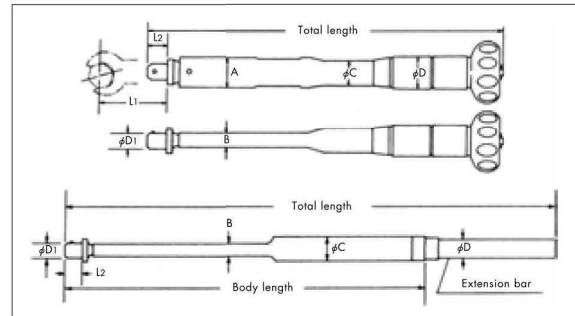
Freely replace heads according to work applications. The combination of replaceable heads and torque adjustability make this series extremely versatile.

FEATURES

- Ring, ratchet, open end wrench and hex drive heads are available.
- The torque can be set to any value within the capacity range.
- Models are available ranging from 20 kgf·cm to 14,000 kgf·cm.
- Accuracy : $\pm 3\%$ of indicated value over the full range



LCK



Model (kgf·cm/kgf·m)	Range	Increment	Old Model (N·m)	New Model (N·m)	Range	Increment	Total length	Dimensions (mm)								Weight kg	Replaceable heads	
								Head				Body						Body length
								φD1	L1	L2	A	B	C	D				
60LCK	20 ~ 60 kgf·cm	1 kgf·cm	N60LCK	N6LCK	2 ~ 6	0.1	173	10	45	13	18.2	9.6	15			0.17	120QCK, 230 {SCK, RCK HCK}	
120LCK	40 ~ 120 //	2 //	N120LCK	N12LCK	4 ~ 12	0.2												
230LCK	70 ~ 230 //	2 //	N230LCK	N25LCK	5 ~ 25	0.2										208		
450LCK	100 ~ 450 //	5 //	N450LCK	N50LCK	10 ~ 50	0.5	232	12	55	16	25	11.4	20			0.36	450 {QCK, SCK, RCK, HCK}	
900LCK	200 ~ 900 //	10 //	N900LCK	N100LCK	20 ~ 100	1	325	15	65	18	27.5	12.4	21.7			0.59	900 {QCK, SCK, RCK, HCK}	
1800LCK	400 ~ 1,800 //	20 //	N1800LCK	N200LCK	40 ~ 200	2	443	18	80	22	34	15.4	27.2			1.3	1800 {QCK, SCK, RCK, HCK}	
2800LCK	4 ~ 28 kgf·m	0.2 kgf·m	N2800LCK	N280LCK	40 ~ 280	2	648	22	100	27	46	19.2	35.4	27.2	876	1.8	2800 {QCK, SCK, RCK, HCK}	
4400LCK	6 ~ 44 //	0.2 //	N4400LCK	N440LCK	60 ~ 440	2	908									4.1	4400 {QCK, SCK, RCK, HCK}	
5600LCK	8 ~ 56 //	0.3 //	N5600LCK	N560LCK	80 ~ 560	3	1086									2.8		
7000LCK	10 ~ 70 //	0.5 //	N7000LCK	N700LCK	100 ~ 700	5	1206	30	125	45	43.5	18	34			5.1	7000 {QCK, SCK, RCK}	
8500LCK	10 ~ 85 //	0.5 //	N8500LCK	N850LCK	100 ~ 850	5	1267	34	130	47	54	23	42.7	31.8	984	7.2	10000 {QCK, SCK, RCK}	
10000LCK	10 ~ 100 //	0.5 //	N10000LCK	N1000LCK	100 ~ 1,000	5	1417									7.5		
14000LCK	20 ~ 140 //	1 //	N14000LCK	N1500LCK	200 ~ 1,500	10	1700									13.5		14000 {QCK, SCK, RCK}

GCK

ADJUSTABLE, REPLACEABLE HEAD TORQUE WRENCHES WITH PLASTIC GRIP

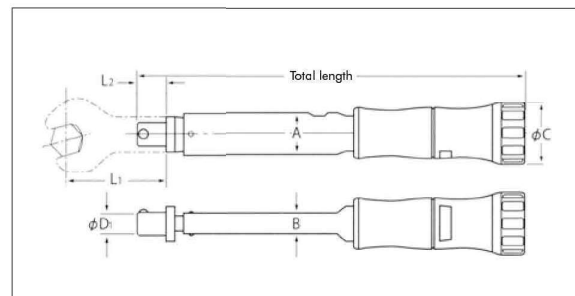
Freely replace heads according to work applications. The combination of replaceable heads and torque adjustability make this series extremely versatile.

FEATURES

- Ring, ratchet, open end wrench and hex drive heads are available.
- The torque can be set to any value within the capacity range.
- Models are available ranging from 20 kgf·cm to 1,400 kgf·cm.
- Accuracy : $\pm 3\%$ of indicated value over the full range



GCK



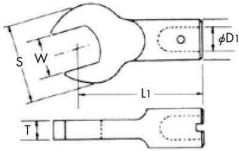
Model (kgf·cm)	Range	Increment	Model (N·m)	Range	Increment	Total length mm	Dimensions (mm)						Weight kg	Replaceable heads
	kgf·cm	kgf·cm		N·m	N·m		Head			Body				
60GCK	20~60	1	N6GCK	2~6	0.1	174	10	45	13	18.2	9.6	29	0.18	120QCK,230 { SCK, RCK HCK } 230 (QCK, SCK, RCK, HCK) 450 (QCK, SCK, RCK, HCK) 900 (QCK, SCK, RCK, HCK)
120GCK	40~120	2	N12GCK	4~12	0.2								0.21	
250GCK	50~250	2	N25GCK	5~25	0.2	209	0.37							
500GCK	100~500	5	N50GCK	10~50	0.5	235	12	55	16	25	11.4	35	0.6	
1000GCK	200~1,000	10	N100GCK	20~100	1	327	15	65	18	27.5	12.4	38	0.68	
1400GCK	400~1,400	20	N140GCK	40~140	2	365								

* is the new model that is applied from 1st January, 2016.

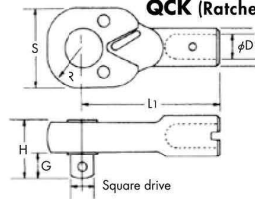
HEADS

OPTIONAL REPLACEABLE HEADS

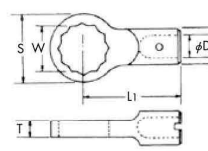
SCK (Open End head)



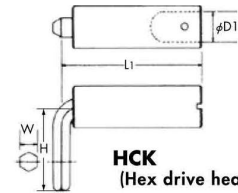
QCK (Ratchet head)



RCK (Ring head)



HCK (Hex drive head)



SCK open end heads

Unit : mm

Old Model	New Model	Size (W)				S	T	L1	ϕD1	Applicable torque wrench
230SCK	255SCK	7	8	9	10	29	7	45	10	(N)A60-230LCK DTC-N50EXL (N)A60-250SPCK DTC-N10EXL (N)A60-250SPCK DTC-N10EXL (N)A60-250SPCK DTC-N10EXL (N)A60-250SPCK DTC-N10EXL
		11	13	14	15	32	8			
		12	13	14	15	32	8			
		17	19	21	22	39	8			
450SCK	505SCK	8	9	10	11	32	8	55	12	(N)A50LCK DTC-N50EXL (N)A50-500SPCK 500GCK (N)A50-500SPCK 500GCK (N)A50-500SPCK 500GCK (N)A50-500SPCK 500GCK
		12	13	14	15	36	8			
		17	19	21	22	44	8			
		24	27	30	32	50	8			
900SCK	1005SCK	12	13	14	15	40	10	65	15	(N)900LCK 1000GCK (N)900-1000SPCK 1000GCK (N)900-1000SPCK 1000GCK (N)900-1000SPCK 1000GCK (N)900-1000SPCK 1000GCK
		16	17	19	21	48	12			
		24	27	30	32	57	12			
		17	19	21	22	56	12			
1800SCK	2005SCK	24	27	30	32	64	14	80	18	(N)1800LCK DTC-N100EXL (N)1800-2000SPCK DTC-N200EXL (N)1800-2000SPCK DTC-N200EXL (N)1800-2000SPCK DTC-N200EXL
		32	36	41		75	14			
		19				59	16			
		21	22			61	16			
2800SCK	2805SCK	24				63		100	22	(N)2800LCK DTC-N300EXL (N)2800SPCK DTC-N300EXL (N)2800SPCK DTC-N300EXL (N)2800SPCK DTC-N300EXL
		27				67				
		30				69				
		32				71				
4400SCK	4405SCK	36				75	18			
		41				80	20			
		46				85	20			
		19	22	24		70	20			
7000SCK	7005SCK	27	30	32		78	20			
		36	41			84	22	100	22	(N)4400LCK (N)4400SPCK
		46	50			94	22			
		55	60			100	25			
10000SCK	10005SCK	36				83				
		41				86				
		46				88	25			
		50				91	25			
14000SCK	15005SCK	41				95	125	30	34	(N)5600-7000LCK DTC-N500EXL (N)5600-7000LCK DTC-N500EXL (N)5600-7000LCK DTC-N500EXL (N)5600-7000LCK DTC-N500EXL
		46				98	28			
		50				102	30			
		55				105	30			

QCK ratchet heads

Unit : mm

Old Model	New Model	Sq. drive	S	H	G	R	L1	ϕD1	Applicable torque wrench
120QCK	12QCK	6.35 (1/4")	24	19	7.5	12	45	10	(N)A60-230LCK DTC-N50EXL (N)A60-250SPCK DTC-N10EXL (N)A60-250SPCK DTC-N10EXL (N)A60-250SPCK DTC-N10EXL (N)A60-250SPCK DTC-N10EXL
230QCK	25QCK	9.53 (3/8")	31	25	11	15.5	55	12	(N)A50LCK DTC-N50EXL (N)A50-500SPCK 500GCK (N)A50-500SPCK 500GCK (N)A50-500SPCK 500GCK (N)A50-500SPCK 500GCK
450QCK	50QCK	12.7 (1/2")	39	31	14	19.7	65	15	(N)900LCK 1000GCK (N)900-1000SPCK 1000GCK (N)900-1000SPCK 1000GCK (N)900-1000SPCK 1000GCK (N)900-1000SPCK 1000GCK
900QCK	100QCK	19.05 (3/4")	54	42.5	20	27	100	22	(N)1800LCK DTC-N100EXL (N)1800-2000SPCK DTC-N200EXL (N)1800-2000SPCK DTC-N200EXL (N)1800-2000SPCK DTC-N200EXL (N)1800-2000SPCK DTC-N200EXL
1800QCK	200QCK		68	50		34	125	30	(N)2800LCK SPCK DTC-N300EXL (N)2800LCK SPCK DTC-N300EXL (N)2800LCK SPCK DTC-N300EXL (N)2800LCK SPCK DTC-N300EXL (N)2800LCK SPCK DTC-N300EXL
2800QCK-A	280QCK-A		76	58	27	38	130	34	(N)4400LCK (N)4400SPCK (N)4400LCK (N)4400SPCK (N)4400LCK (N)4400SPCK (N)4400LCK (N)4400SPCK (N)4400LCK (N)4400SPCK
4400QCK	440QCK		87	61	28.5	43.5	160	38	(N)5600LCK DTC-N500EXL (N)5600LCK DTC-N500EXL (N)5600LCK DTC-N500EXL (N)5600LCK DTC-N500EXL (N)5600LCK DTC-N500EXL
7000QCK	700QCK								(N)9000LCK DTC-N1000EXL (N)9000LCK DTC-N1000EXL (N)9000LCK DTC-N1000EXL (N)9000LCK DTC-N1000EXL (N)9000LCK DTC-N1000EXL
10000QCK	1000QCK								(N)18000LCK DTC-N2000EXL (N)18000LCK DTC-N2000EXL (N)18000LCK DTC-N2000EXL (N)18000LCK DTC-N2000EXL (N)18000LCK DTC-N2000EXL
21000QCK	2100QCK								(N)40000LCK (N)40000LCK (N)40000LCK (N)40000LCK (N)40000LCK

RCK ring heads

Unit : mm

Old Model	New Model	Size (W)				S	T	L1	ϕD1	Applicable torque wrench
230RCK	255RCK	7	8	9	10	18	8	45	10	(N)A60-230LCK DTC-N50EXL (N)A60-250SPCK DTC-N10EXL (N)A60-250SPCK DTC-N10EXL (N)A60-250SPCK DTC-N10EXL (N)A60-250SPCK DTC-N10EXL
		11	13	14	15	21				
		12	13	14	15	21				
		17	19	22	24	31				
450RCK	505RCK	8	9	10	11	19	10	55	12	(N)A50LCK DTC-N50EXL (N)A50-500SPCK 500GCK (N)A50-500SPCK 500GCK (N)A50-500SPCK 500GCK (N)A50-500SPCK 500GCK
		11	12	13	14	32				
		17	19	22	24	32				
		12	13	14	15	25				
900RCK	1005RCK	17	19	21	22	34	13	65	15	(N)900LCK 1000GCK (N)900-1000SPCK 1000GCK (N)900-1000SPCK 1000GCK (N)900-1000SPCK 1000GCK (N)900-1000SPCK 1000GCK
		24	27	30	32	42				
		17	19	22	24	35				
		24	27	30	32	45				
1800RCK	2005RCK	32	36	41		58	15	80	18	(N)1800LCK DTC-N100EXL (N)1800-2000SPCK DTC-N200EXL (N)1800-2000SPCK DTC-N200EXL (N)1800-2000SPCK DTC-N200EXL
		19	22	24		40				
		27	30	32		47	17	100	22	(N)2800LCK DTC-N300EXL (N)2800SPCK DTC-N300EXL (N)2800SPCK DTC-N300EXL (N)2800SPCK DTC-N300EXL
		36	41			63	20			
2800RCK	2805RCK	46				70				
		19	22	24		44				
		27	30	32		50				
		36	41			58	20	100	22	(N)4400LCK (N)4400SPCK
4400RCK	4405RCK	46	50			66				
		55	60			80				
		27	30	32		57	20			
		36				62				
7000RCK	7005RCK	41				70	25	125	30	(N)5600-7000LCK DTC-N500EXL (N)5600-7000LCK DTC-N500EXL (N)5600-7000LCK DTC-N500EXL (N)5600-7000LCK DTC-N500EXL
		46	50			70				
		55				80				
		60				80	30			
10000RCK	10005RCK	36				65	25			
		41				72	28			
		46				72	30	130	34	(N)8500-10000LCK DTC-N1000EXL (N)8500-10000LCK DTC-N1000EXL (N)8500-10000LCK DTC-N1000EXL (N)8500-10000LCK DTC-N1000EXL
		50				80	33			
14000RCK	15005RCK	55				80	33			
		60				80	30			
		65				90	32	160	38	(N)40000LCK
							35			

HCK hex drive heads

Unit : mm

Old Model	New Model	Size (W)	L1	ϕD1	Size (H)	Applicable torque wrench
230HCK	255HCK	2.5			19	(N)A60-230LCK DTC-N50EXL (N)A60-250SPCK DTC-N10EXL (N)A60-250SPCK DTC-N10EXL (N)A60-250SPCK DTC-N10EXL (N)A60-250SPCK DTC-N10EXL
		3			22	
		4			25	
		5			30	
450HCK	505HCK	6			35	(N)A50LCK DTC-N50EXL (N)A50-500SPCK 500GCK (N)A50-500SPCK 500GCK (N)A50-500SPCK 500GCK (N)A50-500SPCK 500GCK
		8			40	
		10			45	
		12			45	
900HCK	1005HCK	14			63	(N)900LCK 1000GCK (N)900-1000SPCK 1000GCK (N)900-1000SPCK 1000GCK (N)900-1000SPCK 1000GCK (N)900-1000SPCK 1000GCK
		16			63	
		18			40	
		20			45	
1800HCK	2005HCK	22			51	(N)1800LCK DTC-N100EXL (N)1800-2000SPCK DTC-N200EXL (N)1800-2000SPCK DTC-N200EXL (N)1800-2000SPCK DTC-N200EXL
		24			51	
		26			63	
		28			63	
2800HCK	2805HCK	30			72	(N)2800LCK SPCK DTC-N300EXL (N)2800LCK SPCK DTC-N300EXL (N)2800LCK SPCK DTC-N300EXL (N)2800LCK SPCK DTC-N300EXL
		32			72	
		34			72	
		36			72	

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