

Torque Wrenches



Pre Lock Torque Wrench – PL Series
Industrial Torque Wrench – 62 Series
Digital Torque Wrench
Digital Torque Screwdriver
Open End Torque Wrench Handles
Open End Torque Wrench Sets
Changeable Heads



Precision and Performance

Torque Wrenches

Torque Wrenches for Industrial Applications..

The NKS line of industrial torque wrench has been developed to offer wide selection of product choice to meet the increased market demands for quality, accuracy and dependability; as well as meeting increased demands for low weight, temperature insulation and general operator comfort.

NKS manufacture an extensive range of high quality torque wrenches to cover torque values from 1 N·m to 3,000 N·m. They are designed and manufactured to exceed international standards for accuracy.

In addition to the normal 'adjustable' torque wrenches, NKS offer Production preset type versions which can be pre-set and dedicated to a particular application. This setting system is designed to discourage unauthorized alteration.

All NKS torque wrenches are offered as standard with a quality ratchet. For applications where interchangeable end fittings are required, 'Torque Handles' are also available in various models up to 1250 N·m. With a wide range of torque choices, and application variety the NKS line of torque wrenches covers the needs of high volume continuous assembly processes, power plants, truck yards, airframe and aerospace applications as well as intermittent MRO uses.

Pre Lock Torque Wrench – PL Series

NKS PL Series torque wrenches are industrial grade, high precision adjustable torque wrenches. The Pre Lock system required specially designed allen key to adjust the torque which prevents torque adjustment by unauthorized personal. A window is provided to read the torque values. Tolerance +/- 3%. Ideal for automotive assembly lines.

Model	Square Drive	Teeth	Nm	Graduation	L(m)	g
NK201PL	1/4"	24T	2~10	0.2	167	186
NK202PL	1/4"	24T	3~15	0.2	218	227
NK203PL	1/4"	24T	5~25	0.5	224	236
NK301PL	3/8"	24T	5~25	0.25	224	236
NK302PL	3/8"	24T	10~50	1	247	504
NK303PL	3/8"	24T	20~100	2	324	650
NK401PL	1/2"	24T	20~100	2	325	850
NK402PL	1/2"	24T	30~140	2	354	723
NK403PL	1/2"	24T	40~220	4	475	1323
NK501PL	3/4"	24T	40~280	1	550	1529
NK502PL	3/4"	24T	60~420	2	605	1677



Salient Features

- ⇒ +/- 4% according to the EN ISO 6789:2003 .
- ⇒ Reliability of the mechanism up to 25,000 cycles.
- ⇒ Aluminum handle resistant to common chemicals in workshops.
- ⇒ Torque adjustment with Allen key to prevent unauthorized alteration.
- ⇒ Loud click sound on reaching the required torque.
- ⇒ Sleek design to work in restricted areas.

Warning: Face and eye protection must be worn while operating power tools per ANSI B186.1. Cutting tool maximum speed rating must be equal or exceed speed of air tool @ 90psi (620kpa). Use cutting tool manufacturer's mounting and operating instructions.

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Industrial Torque Wrench – 62 Series

Specifications: Metric

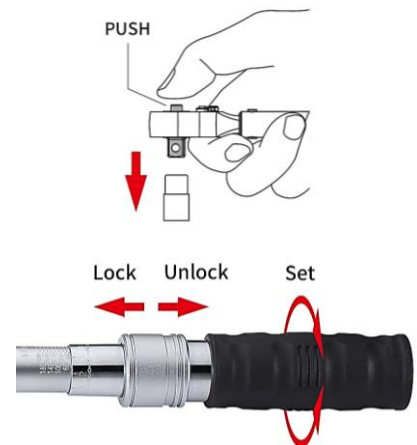
Model No.	Square Drive	Teeth	Torque Range Nm	Graduation mm	Length mm	Wt. g
NK62-1DW	1/4"	24T	1~5	0.05	210	360
NK62-2DW	1/4"	24T	2~10	0.1	281	590
NK62-3DW	1/4"	24T	4~20	0.1	329	650
NK62-4DW	1/4"	24T	6~30	0.2	230	440
NK62-5DW	1/4"	24T	10~50	0.25	329	650
NK62-6DW	1/4"	24T	5~25	0.2	329	650
NK62-7DW	3/8"	24T	4~20	0.1	329	650
NK62-8DW	3/8"	32T	20~100	0.5	436	1320
NK62-9DW	3/8"	32T	10~60	0.5	344	760
NK62-10DW	3/8"	32T	10~50	0.25	344	760
NK62-11DW	3/8"	24T	5~25	0.2	329	650
NK62-12DW	3/8"	24T	2~10	0.1	281	590
NK62-13DW	1/2"	32T	40~200	1.0	512	1580
NK62-14DW	1/2"	32T	60~340	2.0	614	1800
NK62-15DW	1/2"	32T	60~420	2.0	614	1800
NK62-16DW	1/2"	32T	80~400	2.0	614	1800
NK62-17DW	1/2"	32T	50~350	2.0	614	1800
NK62-18DW	1/2"	32T	20~100	0.5	436	1310
NK62-19DW	3/4"	24T	100~600	5.0	1050	5030
NK62-20DW	3/4"	24T	150~800	5.0	1240	6110
NK62-21DW	3/4"	24T	200~1000	5.0	1240	6110
NK62-22DW	3/4"	32T	80~400	2.0	614	1800
NK62-23DW	1"	24T	150~800	5.0	1240	6230
NK62-24DW	1"	24T	200~1000	5.0	1240	6110
NK62-25DW	1"	24T	300~1500	10	1850	10510
NK62-26DW	1"	24T	400~2000	10	2170	13000
NK62-27DW	1-1/2"	24T	600~3000	10	3290	26000

Specifications: SAE

Model No.	Square Drive	Teeth	Torque Range Nm	Graduation mm	Length mm	Wt. g
NK62-1EW	1/4"	24T	10~50	0.5	210	360
NK62-2EW	1/4"	24T	20~100	1.0	281	590
NK62-3EW	1/4"	24T	30~200	1.0	329	650
NK62-4EW	1/4"	24T	100~500	2.5	329	650
NK62-5EW	1/4"	24T	50~250	2.0	329	650
NK62-6EW	3/8"	24T	30~200	1.0	329	650
NK62-7EW	3/8"	32T	10~80	0.5	436	1320
NK62-8EW	1/2"	32T	20~150	1.0	512	1580
NK62-9EW	1/2"	32T	30~250	1.0	614	1800
NK62-10EW	1/2"	32T	10~80	0.5	436	1320
NK62-11EW	3/4"	24T	50~450	5.0	1050	5030
NK62-12EW	3/4"	24T	100~600	5.0	1240	6110
NK62-13EW	3/4"	24T	150~750	5.0	1240	6110
NK62-14EW	3/4"	32T	60~300	2.0	614	1800
NK62-15EW	1"	24T	100~600	5.0	1240	6230
NK62-16EW	1"	24T	150~750	5.0	1240	6110
NK62-17EW	1"	24T	200~1000	5.0	1850	10510
NK62-18EW	1"	24T	300~1500	5.0	2170	13000
NK62-19EW	1-1/2"	24T	400~2000	5.0	3290	26000



Quick release button design.
Push the button to release socket.



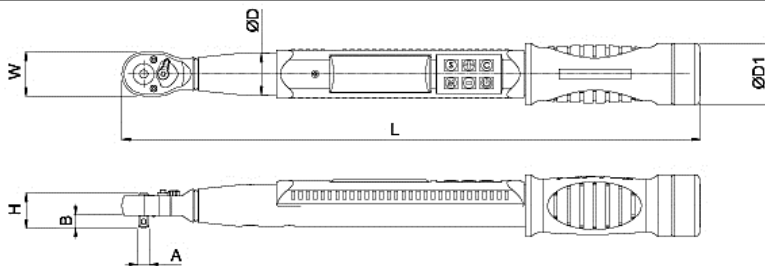
Digital Torque Wrench

Square Drive Digital Torque Wrench with and without Angle

Model	A	Range Nm	W mm	H mm	B mm	L mm	D mm	D1 mm	Wt. kg
NK30DTV	1/4"	3-30	28.5	21.7	7.3	360	25.5	38.0	0.75
NK30DTR	3/8"	3-30	28.5	21.7	7.3	360	25.5	38.0	0.75
NK50DTR	3/8"	5-50	28.5	26.8	11.0	360	25.5	38.0	0.76
NK100DTR	3/8"	10-100	35.6	35.1	11.0	440	25.6	37.3	0.95
NK100DT	1/2"	10-100	35.6	35.1	15.7	440	25.6	37.3	1.06
NK200DT	1/2"	20-200	46.0	40.0	15.7	524	25.6	37.3	1.35
NK350DT	1/2"	35-350	46.0	40.0	15.7	640	25.6	37.3	1.9
NK30DTVA	1/4"	3-30	28.5	21.7	7.3	360	25.5	38.0	0.75
NK30DTRA	3/8"	3-30	28.5	21.7	7.3	360	25.5	38.0	0.75
NK50DTRA	3/8"	5-50	28.5	26.8	11.0	360	25.5	38.0	0.76
NK100DTRA	3/8"	10-100	35.6	35.1	11.0	440	25.6	37.3	0.95
NK100DTA	1/2"	10-100	35.6	35.1	15.7	440	25.6	37.3	1.06
NK200DTA	1/2"	20-200	46.0	40.0	15.7	524	25.6	37.3	1.35
NK350DTA	1/2"	35-350	46.0	40.0	15.7	640	25.6	37.3	1.9



Models with Angle Measurement

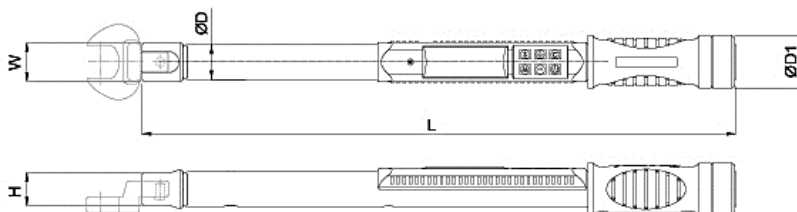


Open End Digital Torque Wrench with and without Angle

Item No.	A mm	Range Nm	W mm	H mm	L mm	D mm	D1 mm	Wt. kg
NK30DTO	9 x 12	3-30 Nm	22.0	19.0	350	25.5	38.0	0.55
NK30DTOV	14 x 18	3-30 Nm	22.0	19.0	350	25.5	38.0	0.55
NK50DTO	14 x 18	5-50 Nm	31.1	21.8	350	25.5	38.0	0.66
NK100DTO	9 x 12	10-100 Nm	31.1	21.8	416	25.6	37.2	0.84
NK100DTOV	14 x 18	10-100 Nm	31.1	21.8	416	25.6	37.2	0.84
NK200DTO	14 x 18	20-200 Nm	31.1	21.8	491	25.6	37.2	1.15
NK350DTO	14 x 18	35-350 Nm	31.1	21.8	630	25.6	37.2	1.7
NK30DTOA	9 x 12	3-30 Nm	22.0	19.0	350	25.5	38.0	0.55
NK30DTOVA	14 x 18	3-30 Nm	22.0	19.0	350	25.5	38.0	0.55
NK50DTOA	14 x 18	5-50 Nm	31.1	21.8	350	25.5	38.0	0.66
NK100DTOA	9 x 12	10-100 Nm	31.1	21.8	416	25.6	37.2	0.84
NK100DTOVA	14 x 18	10-100 Nm	31.1	21.8	416	25.6	37.2	0.84
NK200DTOA	14 x 18	20-200 Nm	31.1	21.8	491	25.6	37.2	1.15
NK350DTOA	14 x 18	35-350 Nm	31.1	21.8	630	25.6	37.2	1.70



Models with Angle Measurement



Accuracy: $\pm 1\%$
 Memory: 10 Readings
 Unit Selection: Nm, ft.lb, in.lb, kg-m
 Operating Temperature: $-10^{\circ}\text{C} \sim 55^{\circ}\text{C}$
 Storage Temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
 RS-232 Data Out
 Humidity: 0~90%
 Mode: Peak, Track
 Battery: 1.5V AA Batteries * 3

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Digital Torque Screwdriver

Torque Adjustable Screwdriver

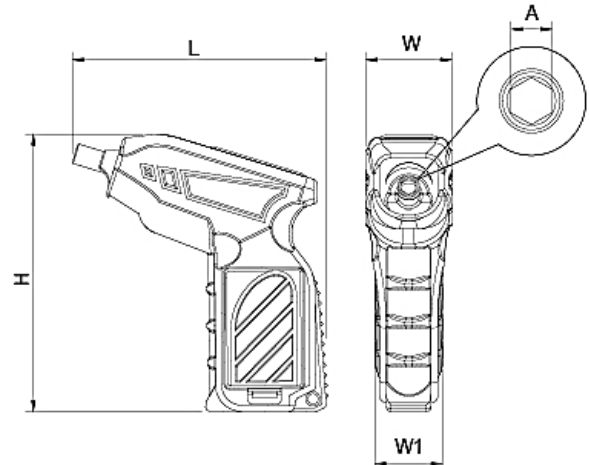
Ideal for quality control in busy assembly lines.

Unit Selection: Nm, ft.lb, in.lb, kg-m

Operating Temperature: -10°C~55°C Battery: 1.5V AA Batteries * 3



Model	A mm	Range Nm	W mm	W1 mm	L mm	H mm	Wt. kg
NK101N	6.35	1-10	38.4	27.5	121	134	0.31



Open End Torque Wrench Handles



Model	Driver mm	Capacity		Length mm	Weight g
		Nm	Ft-lb		
NK170AK	9x12	6~30	50~250in-lb	290	0.58
NK1709AKA	9x12	12~60	9~45	370	0.8
NK1709AKB	14x18	12~60	9~45	375	0.81
NK1710AKA	9x12	20~100	15~75	400	1.14
NK1710AKB	14x18	20~100	15~75	405	1.15
NK1718AK	14x18	40~200	30~150	500	1.38
NK1720AK	14x18	60~300		575	1.5
NK1721AK	14x18		60~220	575	1.5

Open End Torque Wrench Sets

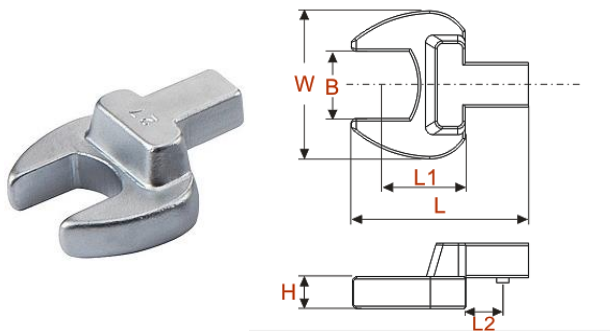


- 9 PCS Spanner head 13, 14, 15, 17, 19, 22, 24, 27, 30mm
- 1PC 1/2" Drive ratchet head
- 1 PC Interchangeable torque wrench 40~210Nm



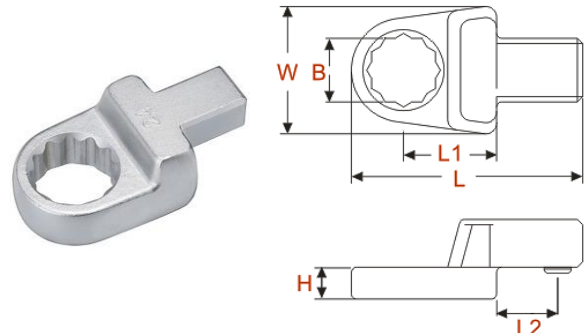
- 6 PCS Spanner head 17, 22, 24, 26, 27, 29mm
- 1 PC 1/2" Drive ratchet head
- 1 PC Interchangeable torque wrench 15~80Nm

Changeable Heads



Model	B		W	H	L	L1	L2	Wt.
	mm	mm	mm	mm	mm	mm	mm	(g)
NKT7	7	9x12	24	5	36.9	17.5	11.5	38
NKT8	8		24	5	37.3	17.5	11.5	38
NKT9	9		24	5.5	37.7	17.5	11.5	39
NKT10	10		30	5.5	38.6	17.5	11.5	42
NKT11	11		30	5.5	38.6	17.5	11.5	43
NKT12	12		30	7	39	17.5	11.5	48
NKT13	13		30	7	41.9	20	11.5	52
NKT14	14		35	8	42.3	20	11.5	59
NKT15	15		35	8	42.7	20	11.5	59
NKT16	16		38	8.5	43.2	20	11.5	67
NKT17	17		38	8.5	43.6	20	11.5	67
NKT18	18		42	9	46	22	11.5	75
NKT19	19		42	9	46.4	22	11.5	75

Model	B		W	H	L	L1	L2	Wt.
	mm	mm	mm	mm	mm	mm	mm	(g)
NKK13	13	14x18	35	7	62.9	32	15	148
NKK14	14		35	8	63.3	32	15	154
NKK15	15		35	8	63.7	32	15	154
NKK16	16		38	9	64.2	32	15	173
NKK17	17		38	9	64.6	32	15	173
NKK18	18		42	10	65	32	15	192
NKK19	19		42	10	65.4	32	15	193
NKK21	21		50	11	66.3	32	15	217
NKK22	22		53	11	66.7	32	15	222
NKK24	24		53	11	67.5	32	15	225
NKK26	26		60	13	70.8	34	15	273
NKK27	27		60	13	70.8	34	15	281
NKK29	29		66	14	74.1	34	15	312
NKK30	30		66	14	74.1	34.8	15	312
NKK32	32		66	14	76.4	36	15	322



Model	B		W	H	L	L1	L2	Wt.
	mm	mm	mm	mm	mm	mm	mm	(g)
NKT7A	7	9x12	24.9	5.0	42.4	17.5	11.5	42
NKT8A	8		24.9	5.0	42.4	17.5	11.5	42
NKT9A	9		24.9	5.5	43.9	17.5	11.5	42
NKT10A	10		26.5	5.5	45.1	17.5	11.5	52
NKT11A	11		26.5	6.0	45.2	17.5	11.5	50
NKT12A	12		26.7	6.0	45.5	17.5	11.5	48
NKT13A	13		27.2	7.0	49.0	20	11.5	60
NKT14A	14		27.0	7.0	50.0	20	11.5	64
NKT15A	15		27.0	8.0	50.2	20	11.5	64
NKT16A	16		27.0	8.0	50.3	20	11.5	62
NKT17A	17		28.6	9.0	53.9	22	11.5	74
NKT18A	18		28.6	9.0	53.9	22	11.5	74
NKT19A	19		38.0	9.0	72.3	22	11.5	68

Model	B		W	H	L	L1	L2	Wt.
	mm	mm	mm	mm	mm	mm	mm	(g)
NKK13A	13	14x18	38.0	11.5	72.3	32	15	200
NKK14A	14		38.0	11.5	72.3	32	15	200
NKK15A	15		38.0	11.5	72.5	32	15	194
NKK16A	16		38.0	12.0	72.5	32	15	204
NKK17A	17		38.0	12.0	72.5	32	15	198
NKK18A	18		44.0	13.5	74.5	32	15	234
NKK19A	19		44.0	13.5	74.5	32	15	230
NKK21A	21		41.0	14.5	75.6	32	15	236
NKK22A	22		42.0	16.0	77.0	32	15	250
NKK24A	24		42.0	16.0	78.0	32	15	254
NKK26A	26		42.0	16.0	78.0	32	15	240
NKK27A	27		43.4	17.0	81.5	34	15	280
NKK29A	29		43.4	19.0	84.5	36	15	306
NKK30A	30		47.3	19.0	86.7	36	15	328
NKK32A	32		47.3	19.0	86.7	36	15	312

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