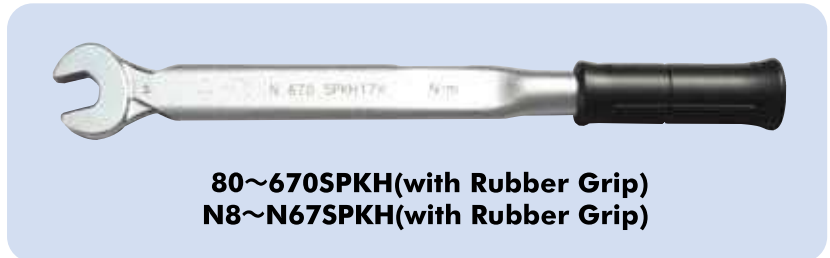
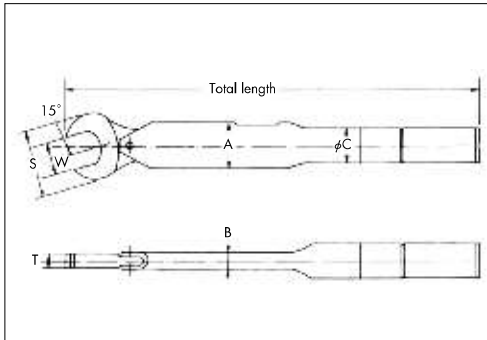


# SPK PRE-SET TORQUE WRENCHES

Audible and tangible "CLICK" when the set torque is reached, assuring a securely tightened joint. This series is well-suited for production line use.

## FEATURES

- A single function wrench, used for a single setting combination of fastener size and torque setting.
- Most suited for tightening multiple same-size fasteners at the same torque in a production line.
- Setting confirmation unnecessary.
- Can be used effectively in confined spaces.
- Tightening to set torque only in the direction of the arrow indicator, but can be used for general tightening in the other direction as well.
- Accuracy :  $\pm 3\%$  of pre-set value



## EXAMPLE OF ORDER

Model      Size(W)    Pre-set Value  
|                    |                    |  
N19SPK      10                × 14N·m

Model (kgf·cm)	Range kgf·cm	Old Model (N·m)	New Model (N·m)	Range N·m	Spanner sizes (W)				Total length mm	Dimensions (mm)					Weight kg	
					mm					Head		Body				
									S	T	A	B	C			
30SPK	5~30	N30SPK	N3SPK	0.5~3	5.5	6			152	24	5	19.5	7.5	15	0.1	
80SPK	15~80	N80SPK	N8SPK	1.5~8	5.5	6	7		175	24	5	19.5	7.5	15	0.11	
					8	9	10	11								12
190SPK	35~190	N190SPK	N19SPK	3.5~19	10	11			203	27	7	19.5	7.5	15	0.15	
					12	13	14		205	30						
					17	19			213	35						
					26	27	29	30	32	264						52
380SPK	80~380	N380SPK	N38SPK	8~38	10	11	12	13	14	248	35	8	26.6	8.2	20	0.29
					17	19			252	39						
					21	22	23	24	256	45						
					26	27	29	30	32	264	52					
670SPK	130~670	N670SPK	N67SPK	13~67	14	17	19	21		319	45	10	25.8	9.7	20	0.45
					22	24	26		325	50	0.46					
					27	30	32		330	56	0.47					
					36	41			342	65	0.49					
1200SPK	240~1,200	N1200SPK	N120SPK	24~120	17	19	22			390	52	12	32.8	11.3	25	0.75
					24	26	27		397	57	0.77					
					29	30	32		403	62	0.79					
					36	41			404	64	0.81					
1600SPK	300~1,600	N1600SPK	N160SPK	30~160	19	22				435	52	12	32.8	11.3	25	0.94
					24	26			442	57	0.97					
					27	30	32		449	64	0.99					
					36	41			457	73	1.1					
2200SPK	450~2,200	N2200SPK	N220SPK	45~220	19	22				585	72	15	35.6	12.5	27.2	1.1
					24	27					1.2					
					30	32	36				1.4					
					41				597	90	1.5					
3100SPK	650~3,100	N3100SPK	N310SPK	65~310	22					650	65	16	38.0	16	30	1.3
					24						67					1.32
					27				654	70	1.4					
					30	32			654	72	1.4					
4200SPK	900~4,200	N4200SPK	N420SPK	90~420	36	41				662	82	16	43.3	17.8	34	1.4
					24						72					1.45
					27				833	74	1.46					
					30				838	76	1.47					
					32				843	78	1.5					
					36				843	78	1.52					

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