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**STANDARD DELIVERY**

Torque wrench	1 pc
Ratchet head	1 pc



**OPTIONAL ACCESSORY**

Calibration cable	IST-W-CABLE
Interchangeable head	refer to details



**RATCHET HEAD (optional)**

Code	Square driver (D)	Applicable wrenches
IST-2W-R1	1/4"	IST-18W30A
IST-2W-R2	3/8"	IST-18W135A
IST-2W-R3	1/2"	IST-18W135A
IST-2W-R4	1/2"	IST-18W200A IST-18W340A



**ADJUSTABLE SPANNER HEAD (optional)**

Code	Open size	Applicable wrenches
IST-2W-A1	5~27mm	IST-18W30A IST-18W135A
IST-2W-A2	5-30mm	IST-18W200A
IST-2W-A3	10-41mm	IST-18W340A



**OPEN END HEAD (optional)**

Code	Open size	Applicable wrenches	
IST-2W-K7	7mm	IST-18W30A IST-18W135A	
IST-2W-K8	8mm		
IST-2W-K9	9mm		
IST-2W-K10	10mm		
IST-2W-K11	11mm		
IST-2W-K12	12mm		
IST-2W-K13	13mm		
IST-2W-K14	14mm		
IST-2W-K15	15mm		
IST-2W-K16	16mm		
IST-2W-K17	17mm		
IST-2W-K18	18mm		
IST-2W-K19	19mm		
IST-2W-K13A	13mm		IST-18W200A IST-18W340A
IST-2W-K14A	14mm		
IST-2W-K15A	15mm		
IST-2W-K16A	16mm		
IST-2W-K17A	17mm		
IST-2W-K18A	18mm		
IST-2W-K19A	19mm		
IST-2W-K21A	21mm		
IST-2W-K22A	22mm		
IST-2W-K24A	24mm		
IST-2W-K27A	27mm		

**BOX END HEAD (optional)**

Code	Open size	Applicable wrenches	
IST-2W-M7	7mm	IST-18W30A IST-18W135A	
IST-2W-M8	8mm		
IST-2W-M10	10mm		
IST-2W-M11	11mm		
IST-2W-M12	12mm		
IST-2W-M13	13mm		
IST-2W-M14	14mm		
IST-2W-M15	15mm		
IST-2W-M16	16mm		
IST-2W-M17	17mm		
IST-2W-M18	18mm		
IST-2W-M19	19mm		
IST-2W-M21	21mm		
IST-2W-M22	22mm		IST-18W200A IST-18W340A
IST-2W-M13A	13mm		
IST-2W-M14A	14mm		
IST-2W-M15A	15mm		
IST-2W-M16A	16mm		
IST-2W-M17A	17mm		
IST-2W-M18A	18mm		
IST-2W-M19A	19mm		
IST-2W-M21A	21mm		

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**RATCHET HEAD (INCLUDED) SPECIFICATION**

For torque wrench	IST-2W30A	IST-2W135A	IST-2W200A	IST-2W340A	IST-2W410A
Square driver (D)	1/4"	3/8"	1/2"	1/2"	3/4"
Length (L2)	29mm	29mm	40mm	40mm	40mm



**RATCHET HEAD (optional)**

Code	Square driver (D)	Applicable wrenches
IST-2W-R1	1/4"	IST-2W30A
IST-2W-R2	3/8"	IST-2W135A
IST-2W-R3	1/2"	IST-2W135A
IST-2W-R4	1/2"	IST-2W200A IST-2W340A IST-2W410A

**ADJUSTABLE SPANNER HEAD (optional)**

Code	Open size	Applicable wrenches
IST-2W-A1	5~27mm	IST-2W30A IST-2W135A
IST-2W-A2	5-30mm	IST-2W200A IST-2W410A
IST-2W-A3	10-41mm	IST-2W340A IST-2W410A



**OPEN END HEAD (optional)**

Code	Open size	Applicable wrenches
IST-2W-K7	7mm	IST-2W30A IST-2W135A
IST-2W-K8	8mm	
IST-2W-K9	9mm	
IST-2W-K10	10mm	
IST-2W-K11	11mm	
IST-2W-K12	12mm	
IST-2W-K13	13mm	
IST-2W-K14	14mm	
IST-2W-K15	15mm	
IST-2W-K16	16mm	
IST-2W-K17	17mm	
IST-2W-K18	18mm	
IST-2W-K19	19mm	
IST-2W-K13A	13mm	IST-2W200A IST-2W340A IST-2W410A
IST-2W-K14A	14mm	
IST-2W-K15A	15mm	
IST-2W-K16A	16mm	
IST-2W-K17A	17mm	
IST-2W-K18A	18mm	
IST-2W-K19A	19mm	
IST-2W-K21A	21mm	
IST-2W-K22A	22mm	
IST-2W-K24A	24mm	
IST-2W-K27A	27mm	

**BOX END HEAD (optional)**

Code	Open size	Applicable wrenches	
IST-2W-M7	7mm	IST-2W30A IST-2W135A	
IST-2W-M8	8mm		
IST-2W-M10	10mm		
IST-2W-M11	11mm		
IST-2W-M12	12mm		
IST-2W-M13	13mm		
IST-2W-M14	14mm		
IST-2W-M15	15mm		
IST-2W-M16	16mm		
IST-2W-M17	17mm		
IST-2W-M18	18mm		
IST-2W-M19	19mm		
IST-2W-M21	21mm		
IST-2W-M22	22mm		IST-2W200A IST-2W340A
IST-2W-M13A	13mm		
IST-2W-M14A	14mm		
IST-2W-M15A	15mm		
IST-2W-M16A	16mm		
IST-2W-M17A	17mm		
IST-2W-M18A	18mm		
IST-2W-M19A	19mm		
IST-2W-M21A	21mm		

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**STANDARD DELIVERY**

Torque wrench	1 pc
Ratchet head	1 pc



**OPTIONAL ACCESSORY**

Calibration cable	IST-W-CABLE
Interchangeable head	refer to details



**RATCHET HEAD (optional)**

Code	Square driver (D)	Applicable wrenches
IST-2W-R1	1/4"	IST-16W30A
IST-2W-R2	3/8"	IST-16W135A
IST-2W-R3	1/2"	IST-16W135A
IST-2W-R4	1/2"	IST-16W200A IST-16W340A

**ADJUSTABLE SPANNER HEAD (optional)**

Code	Open size	Applicable wrenches
IST-2W-A1	5~27mm	IST-16W135A
IST-2W-A2	5-30mm	IST-16W200A
IST-2W-A3	10-41mm	IST-16W340A



**OPEN END HEAD (optional)**

Code	Open size	Applicable wrenches
IST-2W-K7	7mm	IST-16W30A IST-16W135A
IST-2W-K8	8mm	
IST-2W-K9	9mm	
IST-2W-K10	10mm	
IST-2W-K11	11mm	
IST-2W-K12	12mm	
IST-2W-K13	13mm	
IST-2W-K14	14mm	
IST-2W-K15	15mm	
IST-2W-K16	16mm	
IST-2W-K17	17mm	
IST-2W-K18	18mm	
IST-2W-K19	19mm	
IST-2W-K13A	13mm	
IST-2W-K14A	14mm	
IST-2W-K15A	15mm	
IST-2W-K16A	16mm	
IST-2W-K17A	17mm	
IST-2W-K18A	18mm	
IST-2W-K19A	19mm	
IST-2W-K21A	21mm	
IST-2W-K22A	22mm	
IST-2W-K24A	24mm	
IST-2W-K27A	27mm	

**BOX END HEAD (optional)**

Code	Open size	Applicable wrenches
IST-2W-M7	7mm	IST-16W30A IST-16W135A
IST-2W-M8	8mm	
IST-2W-M10	10mm	
IST-2W-M11	11mm	
IST-2W-M12	12mm	
IST-2W-M13	13mm	
IST-2W-M14	14mm	
IST-2W-M15	15mm	
IST-2W-M16	16mm	
IST-2W-M17	17mm	
IST-2W-M18	18mm	
IST-2W-M19	19mm	
IST-2W-M21	21mm	
IST-2W-M22	22mm	
IST-2W-M13A	13mm	
IST-2W-M14A	14mm	
IST-2W-M15A	15mm	
IST-2W-M16A	16mm	
IST-2W-M17A	17mm	
IST-2W-M18A	18mm	
IST-2W-M19A	19mm	
IST-2W-M21A	21mm	

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**RATCHET HEAD (optional)**

Code	Square driver	Applicable wrenches
IST-11WM-R1	1/4"	IST-25WM60 IST-25WM100
IST-11WM-R2	3/8"	IST-25WM60 IST-25WM100
IST-11WM-R3	1/2"	IST-25WM140 IST-25WM200 IST-25WM300
IST-11WM-R4	3/4"	IST-25WM140 IST-25WM200 IST-25WM300



**HOOK HEAD (optional)**

Hook head	customized according to customer requirements



**OPEN END HEAD (optional)**

Code	Open size	Applicable wrenches	
IST-11WM-K6	6mm	IST-25WM60 IST-25WM100	
IST-11WM-K7	7mm		
IST-11WM-K8	8mm		
IST-11WM-K9	9mm		
IST-11WM-K10	10mm		
IST-11WM-K11	11mm		
IST-11WM-K12	12mm		
IST-11WM-K13	13mm		
IST-11WM-K14	14mm		
IST-11WM-K15	15mm		
IST-11WM-K16	16mm		
IST-11WM-K17	17mm		
IST-11WM-K18*	18mm		
IST-11WM-K19*	19mm		
IST-11WM-K13A	13mm		IST-25WM140 IST-25WM200 IST-25WM300
IST-11WM-K14A	14mm		
IST-11WM-K15A	15mm		
IST-11WM-K16A	16mm		
IST-11WM-K17A	17mm		
IST-11WM-K18A	18mm		
IST-11WM-K19A	19mm		
IST-11WM-K20A	20mm		
IST-11WM-K21A	21mm		
IST-11WM-K22A	22mm		
IST-11WM-K23A	23mm		
IST-11WM-K24A	24mm		
IST-11WM-K27A*	27mm		
IST-11WM-K30A*	30mm		
IST-11WM-K32A*	32mm		



**BOX END HEAD (optional)**

Code	Open size	Applicable wrenches
IST-11WM-M8	8mm	IST-25WM60 IST-25WM100
IST-11WM-M10	10mm	
IST-11WM-M13	13mm	
IST-11WM-M14	14mm	
IST-11WM-M15	15mm	
IST-11WM-M17	17mm	
IST-11WM-M19	19mm	
IST-11WM-M13A	13mm	IST-25WM140 IST-25WM200
IST-11WM-M14A	14mm	
IST-11WM-M15A	15mm	
IST-11WM-M17A	17mm	
IST-11WM-M19A	19mm	
IST-11WM-M22A	22mm	
IST-11WM-M24A	24mm	
IST-11WM-M27A	27mm	
IST-11WM-M30A	30mm	
IST-11WM-M32A	32mm	

\* Torque value needs to be corrected for these heads

ATTENTION: CLOCKWISE  
OPERATION ONLY

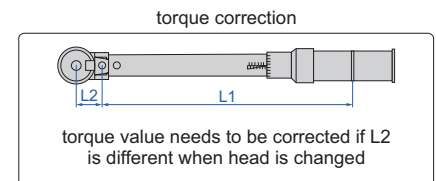
## INTERCHANGEABLE HEAD TORQUE WRENCHES

**INSPECTION  
CERTIFICATE**



IST-29WM20

- According to DIN ISO 6789, ASME B107.300
- Non-slip grip handle
- Push-pull locking device, easy to operate
- Dual window design with clear scale



### SPECIFICATION

Code	Range (clockwise)	Accuracy	Graduation	Socket Size (A×B)	Length	Weight
IST-29WM25	5~25N.m	±3%	0.2N.m	12×9mm	315mm	700g
IST-29WM50	10~50N.m	±3%	0.5N.m	12×9mm	376mm	820g
IST-29WM60	10~60N.m	±3%	0.5N.m	12×9mm	376mm	820g
IST-29WM100	20~100N.m	±3%	0.5N.m	12×9mm	417mm	900g
IST-29WM150	30~150N.m	±3%	1N.m	18×14mm	460mm	1150g
IST-29WM200	40~200N.m	±3%	1N.m	18×14mm	478mm	1200g
IST-29WM300	60~300N.m	±3%	1.5N.m	18×14mm	538mm	1200g
IST-29WM400	80~400N.m	±3%	2N.m	18×14mm	694mm	1600g
IST-29WM550	100~550N.m	±3% (≤500N.m) ±4% (>500N.m)	3N.m	32×24mm	919mm	2000g
IST-29WM750	150~750N.m	±3% (≤500N.m) ±4% (>500N.m)	5N.m	32×24mm	1070mm	4000g
IST-29WM850	200~850N.m	±3% (≤500N.m) ±4% (>500N.m)	5N.m	32×24mm	1137mm	4200g



### RATCHET HEAD (optional)

Code	Square driver	Applicable wrenches
IST-11WM-R1	1/4"	IST-29WM25
IST-11WM-R2	3/8"	IST-29WM25, IST-29WM50, IST-29WM60, IST-29WM100
IST-11WM-R3	1/2"	IST-29WM150, IST-29WM200, IST-29WM300, IST-29WM400
IST-11WM-R4	3/4"	IST-29WM150, IST-29WM200, IST-29WM300, IST-29WM400
IST-11WM-R5	3/4"	IST-29WM550, IST-29WM750, IST-29WM850

To be continued

Continued from previous page

type A (optional)



type C (optional)



type O (optional)



**ER WRENCH HEAD (optional)**

Type C *	customized according to customer requirements
Type UM *	
Type M *	
Type O *	
Type A *	

type UM (optional)



type M (optional)



**OPEN END HEAD (optional)**

Code	Open size	Applicable wrenches
IST-11WM-K8	8mm	IST-29WM25 IST-29WM50 IST-29WM60 IST-29WM100
IST-11WM-K10	10mm	
IST-11WM-K13	13mm	
IST-11WM-K14	14mm	
IST-11WM-K15	15mm	
IST-11WM-K17	17mm	
IST-11WM-K19*	19mm	
IST-11WM-K13A	13mm	IST-29WM150 IST-29WM200 IST-29WM300 IST-29WM400
IST-11WM-K14A	14mm	
IST-11WM-K15A	15mm	
IST-11WM-K17A	17mm	
IST-11WM-K19A	19mm	
IST-11WM-K22A	22mm	
IST-11WM-K24A	24mm	
IST-11WM-K27A*	27mm	
IST-11WM-K30A*	30mm	
IST-11WM-K32A*	32mm	
IST-11WM-K22B	22mm	IST-29WM550 IST-29WM750 IST-29WM850
IST-11WM-K24B	24mm	
IST-11WM-K27B	27mm	
IST-11WM-K28B	28mm	
IST-11WM-K30B	30mm	
IST-11WM-K32B	32mm	
IST-11WM-K33B*	33mm	
IST-11WM-K36B*	36mm	
IST-11WM-K38B*	38mm	
IST-11WM-K40B*	40mm	

**BOX END HEAD (optional)**

Code	Open size	Applicable wrenches
IST-11WM-M8	8mm	IST-29WM25 IST-29WM50 IST-29WM60 IST-29WM100
IST-11WM-M10	10mm	
IST-11WM-M13	13mm	
IST-11WM-M14	14mm	
IST-11WM-M15	15mm	
IST-11WM-M17	17mm	
IST-11WM-M19	19mm	
IST-11WM-M13A	13mm	IST-29WM150 IST-29WM200 IST-29WM300 IST-29WM400
IST-11WM-M14A	14mm	
IST-11WM-M15A	15mm	
IST-11WM-M17A	17mm	
IST-11WM-M19A	19mm	
IST-11WM-M22A	22mm	
IST-11WM-M24A	24mm	
IST-11WM-M27A*	27mm	
IST-11WM-M30A*	30mm	
IST-11WM-M32A*	32mm	
IST-11WM-M22B	22mm	IST-29WM550 IST-29WM750 IST-29WM850
IST-11WM-M24B	24mm	
IST-11WM-K27B	27mm	
IST-11WM-M28B	28mm	
IST-11WM-M30B	30mm	
IST-11WM-M32B	32mm	
IST-11WM-M33B	33mm	
IST-11WM-M36B*	36mm	
IST-11WM-M38B*	38mm	
IST-11WM-M40B*	40mm	

\*Torque value needs to be corrected for these heads

Continued from previous page



**RATCHET HEAD (optional)**

Code	Square driver	Applicable wrenches
IST-11WM-R1	1/4"	IST-11WM12, IST-11WM30
IST-11WM-R2	3/8"	IST-11WM12, IST-11WM30, IST-11WM60, IST-11WM125
IST-11WM-R3	1/2"	IST-11WM200, IST-11WM335
IST-11WM-R4	3/4"	IST-11WM200, IST-11WM335
IST-11WM-R5	3/4"	IST-11WM500, IST-11WM800, IST-11WM1000
IST-11WM-R6	1"	IST-11WM1500, IST-11WM2000, IST-11WM3000



**OPEN END HEAD (optional)**

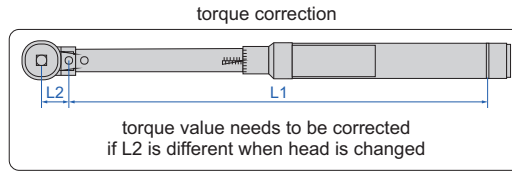
Code	Open size	Applicable wrenches
IST-11WM-K8	8mm	IST-11WM12 IST-11WM30 IST-11WM60 IST-11WM125
IST-11WM-K10	10mm	
IST-11WM-K13	13mm	
IST-11WM-K14	14mm	
IST-11WM-K15	15mm	
IST-11WM-K17	17mm	
IST-11WM-K19*	19mm	IST-11WM200 IST-11WM335
IST-11WM-K13A	13mm	
IST-11WM-K14A	14mm	
IST-11WM-K15A	15mm	
IST-11WM-K17A	17mm	
IST-11WM-K19A	19mm	
IST-11WM-K22A	22mm	
IST-11WM-K24A	24mm	
IST-11WM-K27A*	27mm	
IST-11WM-K30A*	30mm	
IST-11WM-K32A*	32mm	IST-11WM500 IST-11WM800 IST-11WM1000
IST-11WM-K22B	22mm	
IST-11WM-K24B	24mm	
IST-11WM-K27B	27mm	
IST-11WM-K28B	28mm	
IST-11WM-K30B	30mm	
IST-11WM-K32B	32mm	
IST-11WM-K33B*	33mm	
IST-11WM-K36B*	36mm	
IST-11WM-K38B*	38mm	
IST-11WM-K40B*	40mm	IST-11WM1500 IST-11WM2000 IST-11WM3000
IST-11WM-K30C	30mm	
IST-11WM-K32C	32mm	
IST-11WM-K34C	34mm	
IST-11WM-K36C	36mm	
IST-11WM-K38C	38mm	
IST-11WM-K41C	41mm	
IST-11WM-K45C	45mm	
IST-11WM-K50C*	50mm	
IST-11WM-K55C*	55mm	
IST-11WM-K60C*	60mm	

**BOX END HEAD (optional)**

Code	Open size	Applicable wrenches
IST-11WM-M8	8mm	IST-11WM12 IST-11WM30 IST-11WM60 IST-11WM125
IST-11WM-M10	10mm	
IST-11WM-M13	13mm	
IST-11WM-M14	14mm	
IST-11WM-M15	15mm	
IST-11WM-M17	17mm	
IST-11WM-M19	19mm	IST-11WM200 IST-11WM335
IST-11WM-M13A	13mm	
IST-11WM-M14A	14mm	
IST-11WM-M15A	15mm	
IST-11WM-M17A	17mm	
IST-11WM-M19A	19mm	
IST-11WM-M22A	22mm	
IST-11WM-M24A	24mm	
IST-11WM-M27A*	27mm	
IST-11WM-M30A*	30mm	
IST-11WM-M32A*	32mm	IST-11WM500 IST-11WM800 IST-11WM1000
IST-11WM-M22B	22mm	
IST-11WM-M24B	24mm	
IST-11WM-M27B	27mm	
IST-11WM-M28B	28mm	
IST-11WM-M30B	30mm	
IST-11WM-M32B	32mm	
IST-11WM-M33B	33mm	
IST-11WM-M36B*	36mm	
IST-11WM-M38B*	38mm	
IST-11WM-M40B*	40mm	IST-11WM1500 IST-11WM2000 IST-11WM3000
IST-11WM-M30C	30mm	
IST-11WM-M32C	32mm	
IST-11WM-M34C	34mm	
IST-11WM-M36C	36mm	
IST-11WM-M38C	38mm	
IST-11WM-M41C	41mm	
IST-11WM-M45C	45mm	
IST-11WM-M50C	50mm	
IST-11WM-M55C*	55mm	
IST-11WM-M60C*	60mm	

\*Torque value needs to be corrected for these heads

Continued from previous page



type A (optional)



type C (optional)



type O (optional)



**ER WRENCH HEAD (optional)**

Type C *	customized according to customer requirements
Type UM *	
Type M *	
Type O *	
Type A *	

type UM (optional)



type M (optional)



**RATCHET HEAD (optional)**

Code	Square driver	Applicable wrenches
IST-11WM-R6	1"	IST-32WM1500, IST-32WM2000, IST-32WM3000



**OPEN END HEAD (optional)**

Code	Open size	Applicable wrenches
IST-11WM-K30C	30mm	IST-32WM1500 IST-32WM2000 IST-32WM3000
IST-11WM-K32C	32mm	
IST-11WM-K34C	34mm	
IST-11WM-K36C	36mm	
IST-11WM-K38C	38mm	
IST-11WM-K41C	41mm	
IST-11WM-K45C	45mm	
IST-11WM-K50C*	50mm	
IST-11WM-K55C*	55mm	
IST-11WM-K60C*	60mm	

**BOX END HEAD (optional)**

Code	Open size	Applicable wrenches
IST-11WM-M30C	30mm	IST-32WM1500 IST-32WM2000 IST-32WM3000
IST-11WM-M32C	32mm	
IST-11WM-M34C	34mm	
IST-11WM-M36C	36mm	
IST-11WM-M38C	38mm	
IST-11WM-M41C	41mm	
IST-11WM-M45C	45mm	
IST-11WM-M50C	50mm	
IST-11WM-M55C*	55mm	
IST-11WM-M60C*	60mm	

\*Torque value needs to be corrected for these heads





## DIGITAL TORQUE ADAPTERS (WITH ANGLE DETECTION)

working with mechanical wrenches



- Clockwise and counter-clockwise operation
- After reaching the desired torque, turn the wrench at a angle to apply extra torque
- Unit: N.m, in.lb, ft.lb, kg.cm, degree
- Peak and track working modes
- Target torque or angle value can be set, with audible and visible alarm:
  - Green LED light on and buzzer sounds when torque or angle value is 80%~100% of target torque or angle
  - Both green and red LED light on and buzzer sounds when target torque or angle value is reached
- Power off in 2 minutes automatically
- Memory 50 measurement values for browsing
- With overload record (once the torque reaches 110% of the maximum range)



IST-5W135A

### SPECIFICATION

Code		IST-5W30A	IST-5W135A	IST-5W200A	IST-5W340A
Range	torque	6~30N.m	27~135N.m	40~200N.m	68~340N.m
	angle	0~999°			
Accuracy	clockwise	±3%			
	counter-clockwise	±4%			
	angle	±2° (rotate at 90°)			
Resolution	torque	0.01N.m	0.1N.m	0.1N.m	0.1N.m
	angle	1°			
Square driver (L)		1/4"	3/8"	1/2"	1/2"
Power supply		2xAAA batteries			
Dimension		Ø85×60mm	Ø85×75mm	Ø85×80mm	Ø85×80mm
Weight		150g	220g	240g	240g

### OPTIONAL ACCESSORY

Calibration cable	IST-SD-CABLE
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REFER TO PAGE 410 FOR DETAILS

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