

OZ

Torque Handle Fittings

Hook Head



ITEM NO.	mm	Clamping Range mm
OZ16	14X18	43.0±5
OZ25	14X18	60.0±5
OZ32	14X18	72.0±5
TG75	14X18	50.0±5
TG100	14X18	63.2±5
TG150	14X18	82.0±5
MLC12	14X18	32.0±5

RH

Torque Handle Fittings

Ratchet Head



ITEM NO.	Square Driver	mm	Teeth
RH0912-14	1/4"	9x12	24
RH0912-38S	3/8"	9x12	24
RH0912-38	3/8"	9x12	24
RH0912-12S	1/2"	9x12	24
RH1418-38	3/8"	14x18	24
RH1418-12S	1/2"	14x18	24
RH1418-12	1/2"	14x18	24

ER

Torque Handle Fittings

Collet Head



ITEM NO.	mm	Clamping Range mm
ER16	14X18	31.6±5
ER20	14X18	34.9±5
ER25	14X18	41.9±5
ER32	14X18	50.0±5
ER40	14X18	62.9±5

OH

Torque Handle Fittings

Ratchet Head



ITEM NO.	Square Driver	mm	Teeth
OH0912-14	1/4"	9x12	72
OH0912-38S	3/8"	9x12	72
OH0912-38	3/8"	9x12	72
OH0912-12S	1/2"	9x12	72
OH1418-38	3/8"	14x18	72
OH1418-12S	1/2"	14x18	72
OH1418-12	1/2"	14x18	72
OH1418-34	3/4"	14x18	60

FH

Torque Handle Fittings

Fixed Drive Head



ITEM NO.	Square Driver	mm
FH0912-14	1/4"	9x12
FH0912-38S	3/8"	9x12
FH0912-38	3/8"	9x12
FH0912-12S	1/2"	9x12
FH1418-38	3/8"	14x18
FH1418-12S	1/2"	14x18
FH1418-12	1/2"	14x18

OH

Torque Handle Fittings

Ratchet Head




ITEM NO.	Square Driver	mm	Teeth
OH2028-34	3/4"	20x28.5	60
OH2028-88	1"	20x28.5	60


MTS

Torque Display

Display Torque Measured by Strain Gauge Sensor.

ITEM NO.	Dimension mm	 kg	Packing
MTS-3001	190(D) x 260(W) x 90(H)	1.70	1 pcs/CTN


Specifications

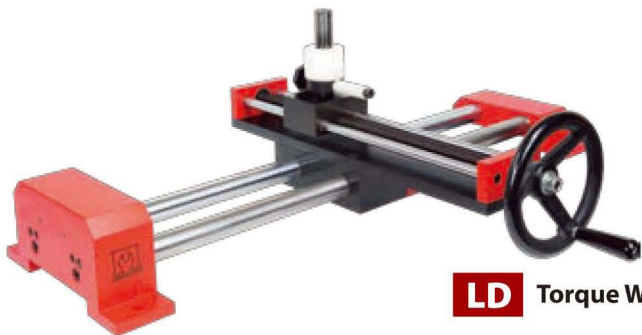
- Accuracy : $\pm 1\%$
- Unit Selection : in.lb, ft.lb, cNm, Nm, kg-cm, kg-m
- Operating Temperature : $-10^{\circ}\text{C} \sim 55^{\circ}\text{C}$
- Storage Temperature : $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
- Humidity : 0~90%
- Power Source : AC100-240V 50-60HZ
- Output : RS232C

TSD

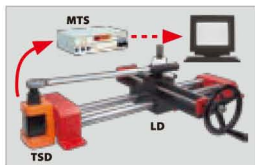
Torque Sensor




ITEM NO.	Capacity Nm / ft.lb	Dimension mm	 kg	Packing
TSD-0100N	10-100 / 8-70	101(D) x 93(W) x 66(H)	1.15	1 pcs/CTN
TSD-0500N	20-500 / 15-350	154(D) x 134(W) x 90(H)	3.25	1 pcs/CTN
TSD-1000N	40-1000 / 30-750	154(D) x 134(W) x 90(H)	3.31	1 pcs/CTN
TSD-2000N	70-2000 / 50-1500	205(D) x 200(W) x 121(H)	6.35	1 pcs/CTN


LD

Torque Wrench Loader



ITEM NO.	L mm	Operating Range		 kg	Packing
		Min(mm)	Max(mm)		
LD-800N	800	180	800	73.94	1 pcs/CTN
LD-1500N	1500	180	1500	83.86	1 pcs/CTN

THE RIGHT REASONS TO CHOOSE...

We take the responsibility to assure excellence, quality and good service.
We take pride in our customers' trust.

MATATAKITOYO is your best choice.



SH

Torque Handle Fittings Open Ended Head



Size	9x12 mm ITEM NO.
7mm	SH0912-7m
8mm	SH0912-8m
9mm	SH0912-9m
10mm	SH0912-10m
11mm	SH0912-11m
12mm	SH0912-12m
13mm	SH0912-13m
14mm	SH0912-14m
15mm	SH0912-15m
16mm	SH0912-16m
17mm	SH0912-17m
18mm	SH0912-18m
19mm	SH0912-19m

Size	14x18 mm ITEM NO.
13mm	SH1418-13m
14mm	SH1418-14m
15mm	SH1418-15m
16mm	SH1418-16m
17mm	SH1418-17m
18mm	SH1418-18m
19mm	SH1418-19m
21mm	SH1418-21m
22mm	SH1418-22m
24mm	SH1418-24m
26mm	SH1418-26m
27mm	SH1418-27m
29mm	SH1418-29m
30mm	SH1418-30m
32mm	SH1418-32m
34mm	SH1418-34m
36mm	SH1418-36m
38mm	SH1418-38m
40mm	SH1418-40m
41mm	SH1418-41m
42mm	SH1418-42m
44mm	SH1418-44m
46mm	SH1418-46m

BH

Torque Handle Fittings Offset Ring Head



Size	9x12 mm ITEM NO.
7mm	BH0912-7m
8mm	BH0912-8m
9mm	BH0912-9m
10mm	BH0912-10m
11mm	BH0912-11m
12mm	BH0912-12m
13mm	BH0912-13m
14mm	BH0912-14m
15mm	BH0912-15m
16mm	BH0912-16m
17mm	BH0912-17m
18mm	BH0912-18m
19mm	BH0912-19m

Size	14x18 mm ITEM NO.
13mm	BH1418-13m
14mm	BH1418-14m
15mm	BH1418-15m
16mm	BH1418-16m
17mm	BH1418-17m
18mm	BH1418-18m
19mm	BH1418-19m
21mm	BH1418-21m
22mm	BH1418-22m
24mm	BH1418-24m
26mm	BH1418-26m
27mm	BH1418-27m
29mm	BH1418-29m
30mm	BH1418-30m
32mm	BH1418-32m
34mm	BH1418-34m
36mm	BH1418-36m
38mm	BH1418-38m
40mm	BH1418-40m
41mm	BH1418-41m
42mm	BH1418-42m
44mm	BH1418-44m
46mm	BH1418-46m

SH

Torque Handle Fittings Open Ended Head



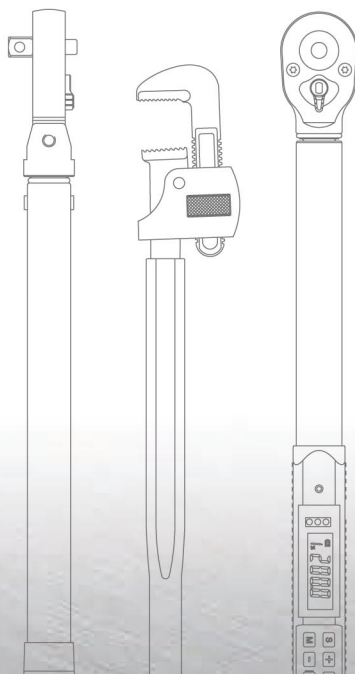
Size	20x28.5 mm ITEM NO.
50mm	SH2028-50m
55mm	SH2028-55m
60mm	SH2028-60m
65mm	SH2028-65m

BH

Torque Handle Fittings Offset Ring Head



Size	20x28.5 mm ITEM NO.
50mm	BH2028-50m
55mm	BH2028-55m
60mm	BH2028-60m
65mm	BH2028-65m





PR Torque Wrench

Adjustable Torque



ITEM NO.	Square Driver	Range Nm	L mm	kg	Packing
PR-5N	1/4"	1-5	200	0.36	30 pcs/CTN
PR-30N	1/4"	6-30	257	0.44	20 pcs/CTN
PR-110N	3/8"	20-110	436	1.12	12 pcs/CTN
PR-210N	1/2"	40-210	495	1.47	10 pcs/CTN
PR-350N	1/2"	70-350	560	1.62	6 pcs/CTN
PR-450N	3/4"	75-450	815	3.30	4 pcs/CTN
PR-800N	3/4"	100-800	1000	7.08	2 pcs/CTN
PR-1500N	3/4" or 1"	300-1500	1700	11.80	1 pcs/CTN



IPR Interchangeable Torque Handle

Adjustable Torque



ITEM NO.	mm	Range Nm	L mm	kg	Packing
IPR-5N	9x12	1-5	193	0.34	30 pcs/CTN
IPR-30N	9x12	6-30	219	0.42	20 pcs/CTN
IPR-110N	9x12	20-110	220	0.97	12 pcs/CTN
IPR-210N	14x18	40-210	457	1.16	10 pcs/CTN
IPR-350N	14x18	70-350	523	1.31	6 pcs/CTN
IPR-450N	14x18	75-450	774	2.22	4 pcs/CTN
IPR-800N	20x28.5	100-800	959	5.75	2 pcs/CTN



HPR Flexible Torque Wrench

Adjustable Torque



ITEM NO.	Square Driver	Range Nm	L mm	kg	Packing
HPR-5N	1/4"	1-5	215	0.38	30 pcs/CTN
HPR-30N	1/4"	6-30	272	0.46	20 pcs/CTN
HPR-110N	3/8"	20-110	460	1.20	12 pcs/CTN
HPR-210N	1/2"	40-210	515	1.60	10 pcs/CTN
HPR-350N	1/2"	70-350	583	1.77	6 pcs/CTN



CPS Interchangeable Torque Handle

Pre-Set Torque



ITEM NO.	mm	Range Nm	L mm	kg	Packing
CPS-12N	9x12	2-12	188	0.22	30 pcs/CTN
CPS-50N	9x12	5-50	288	0.51	20 pcs/CTN
CPS-50NS	14x18	5-50	293	0.51	20 pcs/CTN
CPS-100N	9x12	15-100	345	0.69	20 pcs/CTN
CPS-100NS	14x18	15-100	350	0.69	20 pcs/CTN
CPS-200N	14x18	50-200	480	1.25	10 pcs/CTN
CPS-300N	14x18	70-300	800	3.55	6 pcs/CTN
CPS-500N	14x18	100-500	1000	5.80	4 pcs/CTN
CPS-800N	14x18	150-800	1150	6.30	2 pcs/CTN
CPS-1500N	20x28.5	300-1500	1600	11.45	1 pcs/CTN

CONVERSION TABLES

Foot Pounds ft.lbs	Kilo-gram Meters Kgm or mkp	Newton Meters Nm	Newton Meters Nm	Foot Pounds ft.lbs	Kilo-gram Meters Kgm or mkp	Kilo-gram Meters Kgm or mkp	Newton Meters Nm	Foot Pounds ft.lbs
5	0.69	6.78	10	7.38	1.02	1	9.81	7.23
10	1.38	13.56	100	73.76	10.20	10	98.07	72.33
100	13.82	135.58	500	368.78	50.99	50	490.33	361.65
500	69.12	677.91	1000	737.56	101.97	100	980.67	723.30
1000	138.26	1355.82	2000	1475.12	203.94	200	1961.33	1446.60

•1 kpCM = 1 CMKG •1 kpM = 1 MKG •1 ft.lb = 12 in.lb

CONVERSION FORMULAS

•1 CMKG = 13.887 in.oz •1 CMKG = 0.8677 in.lb •1 CMKG = 0.098 Nm •1 MKG = 7.233 ft.lb •1 MKG = 9.80665 Nm

•1 dNm = 14.161 in.oz •1 Nm = 141.61 in.oz •1 Nm = 0.73756 ft.lb •1 Nm = 0.10197 MKG

•1 ft.lb = 1.35582 Nm •1 ft.lb = 0.13826 MKG



IPR-210N11 SET Torque Handle Set

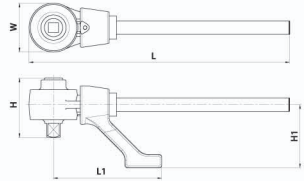
CONTENTS

- 1- Interchangeable Torque Handle 40-210 Nm / 30-150 ft.lb ■ 14x18
- 1- 1/2"Dr. Ratchet Head (RH1418-12) ■ 14x18
- 9- Open Ended Heads ■ 14x18 : 13, 14, 15, 17, 19, 22, 24, 27, 30 mm

IPR-210N/8 SET Torque Handle Set

CONTENTS

- 1- Interchangeable Torque Handle 40-210 Nm / 30-150 ft.lb ■ 14x18
- 7- Hook & Collet Heads ■ 14x18 : OZ16, OZ25, OZ32, TG75, TG100, TG150, MLC12



MT Torque Multiplier

ITEM NO.	Range (max)		Input Square	Output Square	W mm	H mm	H1 mm	L mm	L1 mm	kg	Packing
	Input(Nm/ft.lb)	Output(Nm/ft.lb)									
MT-1000	500 / 365	1500 / 1100	1/2"	3/4"	73	84	90	420	157	3.09	6 pcs/CTN
MT-2000	1000 / 730	3000 / 2200	3/4"	1"	92	104	120	500	206	6.49	6 pcs/CTN

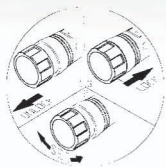
Output / input = 3 / 1



MT2 Torque Multiplier

ITEM NO.	Range (max)		Input Square	Output Square	W mm	H mm	H1 mm	L mm	L1 mm	kg	Packing
	Input(Nm/ft.lb)	Output(Nm/ft.lb)									
MT2-1500	160 / 120	1500 / 1100	1/2"	3/4"							

Output / input = 9 / 1



MTD Torque Screwdriver

Adjustable Torque

ITEM NO.	Driver	Range Nm/in.lb	Ø m/m	L mm	kg	Packing
MTD-1405N	1/4"	1-5/10-50	43	154	0.37	30 pcs/CTN
MTD-1405NL	1/4"	1-5/10-50	43	235	0.43	30 pcs/CTN
MTD-1408N	1/4"	1-8/10-80	43	154	0.37	30 pcs/CTN
MTD-1408NL	1/4"	1-8/10-80	43	235	0.43	30 pcs/CTN



MTD2 Torque Screwdriver

Adjustable Torque

ITEM NO.	Driver	Range Nm/in.lb	Ø m/m	L mm	kg	Packing
MTD2-1402N	1/4"	0.2-2/4-20	26	133	0.13	30 pcs/CTN
MTD2-1405N	1/4"	1-5/10-50	33	162	0.28	30 pcs/CTN
MTD2-1408N	1/4"	1-8/10-80	33	162	0.28	30 pcs/CTN



Calibration Illustration

The CPS & FTD have no scale, they must be set against a torque testing device in order to adjust the torque as required.



FTD Torque Screwdriver

Pre- Set Torque

ITEM NO.	Driver mm	Range Nm/in.lb	L mm	g	Packing
FTD-1N	4	0.1-1/1-10	97	32	100 pcs/CTN



FTD-3.5N



FTD-3.5NS

FTD Torque Screwdriver

Pre- Set Torque

ITEM NO.	Driver mm	Range Nm/in.lb	L mm	g	Packing
FTD-3.5N	4	0.5-3.5/5-35	130	130	100 pcs/CTN
FTD-3.5NS	6.35	0.5-3.5/5-35			100 pcs/CTN



FTD Torque Screwdriver

Pre- Set Torque

ITEM NO.	Driver mm	Range Nm/in.lb	Ø m/m	L mm	g	Packing
FTD-5N	6.35	3-6/30-60	30.7	143	160	100 pcs/CTN
FTD-12N	6.35	5-12/50-120	38.2	150	290	100 pcs/CTN

- » Anti Electro-Shock
- » Handle insulation meets all requirements of THE VDE STANDARD RELEVANT INTERNATIONAL STANDARDS(IEC 60900:2004).



INS-25N 1000V Insulated Torque Wrench Adjustable Torque

ITEM NO.	Square Driver	Range Nm	L mm	g
INS-25N	3/8"	5-25	266	695



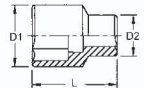
IE 3/8" 1000V Insulated Extension Bar

ITEM NO.	Driver	L		g
		inch	mm	
IE-3806	3/8"	6	150	160
IE-3810	3/8"	10	250	260



IR-38 1000V Insulated Ratchet Handle

ITEM NO.	Square Driver	Teeth	L mm	g
IR-38	3/8"	45	198	354



IS 3/8" 1000V Insulated Socket

ITEM NO.	mm	D1 mm	D2 mm	L mm	g
IS-3806	6	22.4	14.8	432	28
IS-3807	7	22.4	14.8	432	30
IS-3808	8	22.4	17.2	432	30
IS-3809	9	22.4	17.2	432	30
IS-3810	10	22.4	19.5	432	30
IS-3811	11	22.4	19.5	432	30
IS-3812	12	22.4	21.4	443	30
IS-3813	13	22.4	21.4	443	31
IS-3814	14	22.4	25.5	443	38
IS-3815	15	22.4	25.5	443	47
IS-3816	16	22.4	25.5	463	47
IS-3817	17	22.4	29.4	463	54
IS-3818	18	22.4	29.4	463	58
IS-3819	19	22.4	29.4	463	61



IR-38 SET 1000V Insulated Ratchet Handle Set

CONTENTS

- 1- 3/8" Dr. 1000V Insulated Ratchet Handle
- 2- 3/8" Dr. 1000V Insulated Extension Bars : 6", 10"
- 14- 3/8" Dr. 1000V Insulated Sockets
6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm