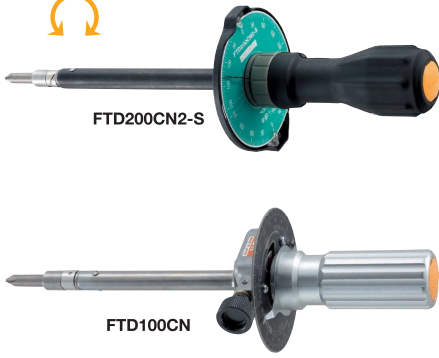


FTD

Dial Indicating Torque Screwdriver with Memory Pointer

Direction



Inspection

Dial Indicating

Memory Pointer

Direct Reading

RoHS

- Ideal for measuring torque
- FTD-S with memory pointer; FTD with preset knob

Accuracy ±3%

S.I. Model	Torque Range [cN-m]		Metric Model	Torque Range [gf-cm/kgf-cm]		American Model	Torque Range [ozf-in/lbf-in]		Overall Length [mm]	Weight [g]	Standard Accessory Bit	
	Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.			⊕	⊖ Thickness × Width
FTD-S	cN-m	cN-m		gf-cm	gf-cm		ozf-in	ozf-in				
FTD2CN-S	0.3-2	0.05	02FTD2-S	30-200	5	FTD3Z2-S	0.5-3	0.1				
FTD5CN-S	0.5-5	0.1	05FTD2-S	50-500	10	FTD7Z2-S	1-7	0.2				
FTD10CN-S	1-10	0.2	1FTD2-S	kgf-cm	kgf-cm	FTD15Z2-S	2-15	0.5	152	140		
FTD20CN-S	3-20	0.5	2FTD2-S	0.1-1	0.02	FTD30Z2-S	5-30	1				Interchangeable bit is sold separately. Refer to page 11.
FTD50CN2-S	5-50	1	5FTD2-S	0.3-2	0.05	FTD70Z2-S	10-70	2				
-	-	-	-	-	-	5FTD2-A-S	lbf-in	lbf-in				
FTD100CN2-S	10-100	2	10FTD2-S	0.5-5	0.1	10FTD2-A-S	0.5-5	0.1	272	370		
FTD200CN2-S	30-200	5	20FTD2-S	1-10	0.2	20FTD2-A-S	1-10	0.2				
FTD400CN2-S	50-400	10	40FTD2-S	3-20	0.5	20FTD2-A-S	3-20	0.5				
	N-m	N-m		5-40	1	40FTD2-A-S	5-40	1				
FTD8N2-S	1-8	0.2	80FTD2-S									
FTD16N2-S	3-16	0.5	160FTD2-S	10-80	2	80FTD2-A-S	10-70	2	338	900	# 3	1.2 × 8
FTD	cN-m	cN-m		30-160	5	160FTD2-A-S	20-140	5		930		
FTD50CN	10-50	1	5FTD									
FTD100CN	20-100	2	10FTD	1-5	0.1	5FTD-A	1-5	0.1	215	285	# 1	0.7 × 7
FTD200CN	40-200	5	20FTD	2-10	0.2	10FTD-A	1-10	0.2		290		
FTD400CN	80-400	10	40FTD	4-20	0.5	20FTD-A	3-20	0.5	263	390	# 2	0.9 × 7
				8-40	1.0	40FTD-A	5-40	1		410		

Note FTD8N2-S, FTD16N2-S: Square drive type (6.35mm).

Standard Accessories Auxiliary tightening bar (for FTD8N2-S and FTD16N2-S only)

MTD

Micro Dial Indicating Torque Screwdriver

Direction



Inspection

Dial Indicating

Direct Reading

RoHS

- Low torque capacity version of FTD
- Requires special size bits

Accuracy ±3%

S.I. Model	Torque Range [mN-m]		Metric Model	Torque Range [gf-cm]		American Model	Torque Range [ozf-in]		Overall Length [mm]	Weight [g]	Standard Accessory Bit	
	Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.			⊕	⊖ Thickness × Width
MTD1MN	0.1-1	0.02	10MTD	1-10	0.2	-	-	-	110	22		0.15 × 1
MTD2MN	0.3-2	0.05	20MTD	3-20	0.5	-	-	-	100	21	# 0	0.2 × 15
MTD5MN	0.5-5	0.1	50MTD	5-50	1	MTD07Z	0.1-0.7	0.02				0.3 × 2
MTD10MN	1-10	0.2	100MTD	10-100	2	MTD1.4Z	0.2-1.4	0.02	132	23		

Note MTD models require Tohnichi made bits. Refer to page 11.

