

CDB-S

Interchangeable
Head Type Dial
Indicating Torque
Wrench

Direction



CDB14N4x8D-S



CDB100Nx15D-S

Inspection

Dial Indicating

Interchangeable

Memory Pointer

ISO6789:2003
2017

- Interchangeable head version of DB
- Ideal for torque measuring and quality inspections

Accuracy ±3%

Head Size	S.I. Model	Torque Range [N·m]		Metric Model	Torque Range [kgf·cm/kgf·m]		American Model	Torque Range [lbf·in/lbf·ft]		Overall Length [mm]	Weight [kg]
		Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.		
8D	CDB7N4x8D-S	0.7-7	0.1	CDB70Mx8D-S	7-70	1	70CDB4-A-S	6-60	1	215	0.45
	CDB14N4x8D-S	2-14	0.2	CDB140Mx8D-S	20-140	2	140CDB4-A-S	20-120	2	255	0.48
10D	CDB25N5x10D-S	3.5-25	0.5	CDB250M5x8D-S	35-250	5	250CDB-A-S	30-220	5	330	0.53
12D	CDB50Nx12D-S	5-50		CDB500Mx12D-S	50-500		500CDB-A-S	40-430			
								lbf·ft	lbf·ft		
15D	CDB100Nx15D-S	10-100	1	CDB1000Mx15D-S	100-1000	10	1000CDB-A-S	7-70	1	415	0.76
19D	CDB200Nx19D-S	20-200	2	CDB2000Mx19D-S	200-2000	20	2000CDB-A-S	14-140	2	525	1.0
					kgf·m	kgf·m					
22D	CDB300N5x22D-S	35-300	5	CDB300M5x22D-S	3.5-30	0.5	3000CDB-A-S	20-220	5	720	1.65
	CDB420Nx22D-S	40-420		CDB4200Mx22D-S	4-42		4200CDB-A-S	30-300		920	2.7

Note

1. Overall length does not include interchangeable head.
2. PH (Pipe wrench head) type interchangeable head is not available.
3. Interchangeable heads are optional.
4. American models come with ISO:6789-2003 certificate.

SCDB-S

European Style
Interchangeable
Head Type
Dial Indicating
Torque Wrench

Direction



SCDB50N-9x12-S

Inspection

Dial Indicating

Interchangeable

Memory Pointer

ISO6789:2017

- Specialized version of DB
- Accepts DIN interchangeable head connection

Accuracy ±3%

S.I. Model	Torque Range [N·m]		Head Size [mm]	Overall Length [mm]	Weight [kg]
	Min.-Max.	Grad.			
SCDB25N5-9x12-S	3.5-25		9x12	271	0.48
SCDB50N-9x12-S	5-50	0.5	9x12	342	0.53
SCDB100N-9x12-S	10-100	1	9x12	422	0.76
SCDB200N-14x18-S	20-200	2	14x18	535	1

Note

1. Overall length does not include interchangeable head.
2. Applicable to European style head. Tohnichi's interchangeable heads are not available for SCDB-S.

T-S

T-Handle Dial Indicating
Torque Wrench

Direction



T90N-S

Inspection

Dial Indicating

Direct Reading

Memory Pointer

ISO6789:2003
2017

- Dual handle for increased stability
- Memory pointer for easy reading

Accuracy ±3%

S.I. Model	Torque Range [N·m]		Metric Model	Torque Range [kgf·cm/kgf·m]		American Model	Torque Range [lbf·in/lbf·ft]		Overall Length [mm]	Neck Length [mm]	Square Drive [mm]	Weight [kg]
	Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.				
T23N2-S	3.5-23		T230M2-S	35-230		T200I-3AS	20-200	2	205	71		0.41
T45N-S	5-45	0.5	T450M-S	50-450	5	T400I-3AS	50-400	5	261	82	9.5	0.53
							lbf·ft	lbf·ft				
T90N-S	10-90	1	T900M-S	100-900	10	T65F-4AS	10-65	1	376	102.5		0.8
T180N-S	20-180	2	T1800M-S	200-1800	20	T130F-4AS	20-130	2	656	118.5	12.7	1.2
				kgf·m	kgf·m							
T700N-S	70-700		7000T-S	7-70	1	7000T-A-S	50-500		1300		19.0	4
T1000N-S	100-1000	10	10000T-S	10-100		10000T-A-S	50-700	5	1630			4.8
T1400N-S	200-1400		14000T-S	20-140	2	14000T-A-S	100-1000	10	1880		25.4	6.2
T2100N-S	200-2100	20	21000T-S	20-210		21000T-A-S	200-1500		2500			10
T2800N-S	300-2800		28000T-S	30-280	5	28000T-A-S	200-2000	20	2960			15.5
T4200N-S	400-4200	50	42000T-S	40-420		42000T-A-S	400-3000	50	3660		38.1	21.5

Note

1. T700N-S to T4200N-S models are supplied upon request.
2. For models having over 25.4mm square drive, use with a through-hole socket.
3. American models come with ISO:6789-2003 certificate.

