

DB/DBE/DBR

Direction Dial Indicating Torque Wrench



DB12N4



DB100N



DBE700N



Memory Pointer (Red needle)

Inspection **Dial Indicating** **Direct Reading**

- Memory pointer for easy torque reading
- Ideal for torque measuring and quality check applications

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]	Square Drive [mm]	Weight [kg]
	Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.			
DB1.5N4-S	0.2-1.5	0.02	15DB4-S	2-15	0.2	DB13I-2AS	0-13	0.2			
DB3N4-S	0.3-3	0.05	30DB4-S	3-30	0.5	DB26I-2AS	0-26	0.5	205	6.35	0.4
DB6N4-S	0.6-6	0.1	60DB4-S	6-60	1	DB40I-2AS	0-40				
DB12N4-S	1-12	0.2	120DB4-S	10-120	2	DB75I-2AS	0-75	1			
DB25N-S	3-25	0.5	230DB3-S	30-250	5	DB150I-3AS	0-150	2	245		
DB50N-S	5-50		450DB3-S	50-500		DB300I-3AS	0-300	5	320	9.5	0.6
-	-	-	-	-	-	DB600I-3AS	0-600	10	400	12.7	0.7
DB100N-S	10-100	1	900DB3-S	100-1000	10	DB600I-4AS	0-600				
-	-	-	-	-	-	-	lbf-ft	lbf-ft			
-	-	-	-	-	-	DB25F-3AS	0-25	0.5	320	9.5	0.6
-	-	-	-	-	-	DB50F-3AS	0-50		400		0.7
-	-	-	-	-	-	DB50F-4AS				12.7	
DB200N-S	20-200	2	1800DB3-S	200-2000	20	DB100F-4AS	0-100	1	500		1.0
-	-	-	-	-	-	-	kgf-m	kgf-m			
-	-	-	-	-	-	DB175F-4AS	0-175	2	540	12.7	1.0
DB280N-S	30-280		2800DB3-S	3-28		DB250F-6AS	0-250	5	690		1.65
DB420N-S	40-420	5	4200DB2-S	4-42	0.5	DB350F-6AS	0-350		890		2.5
DBE560N-S	50-560		5600DBE2-S	5-56		-	-	-	1100		4.0
DBE700N-S	70-700		7000DBE2-S	7-70		DB500F-6AS	0-500	10	1260		5.5
DBE850N-S	100-850	10	8500DBE2-S	10-85	1	-	-	-	1360		6.1
DBE1000N-S	100-1000		10000DBE2-S	10-100		DB800F-8AS	0-800	10	1490	25.4	6.4
DBE1400N-S	200-1400	20	14000DBE2-S	20-140	2	DB1000F-8AS	0-1000		1740		
DBE2100N-S	200-2100		21000DBE2-S	20-210		DB1500F-8AS	0-1500	2140	12.8		
DBE2800N-S	300-2800		28000DBE2-S	30-280		DB2000F-12AS	0-2000		2380		16.8
DBR4500N-S	500-4500	50	45000DBR-S	50-450	5	DB3000F-12AS	0-3000	50	1285	38.1	24.5
DBR6000N-S	600-6000		60000DBR-S	60-600		-	-	-	1585	44.5	25.5

- Note**
1. "Without memory pointer" models are available. Remove "S" from the model name when ordering. (Ex. DB100N)
 2. DBR models require winch or mechanical loading device.
 3. DBR Models are supplied upon request.
 4. For models having over 25.4mm square drive, use with a through-hole socket.

Torque Wrench for Quality Inspection

CDB-S

Interchangeable Head Type Dial Indicating Torque Wrench

Direction



CDB14N4x8D-S



CDB100Nx15D-S

Inspection **Dial Indicating** **Interchangeable** **Direct Reading** **Memory Pointer**

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

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]	Weight [kg]	Tohnichi Head Size	
	Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.				
CDB70N4x8D-S	0.7-7	0.1	70CDB4-S	7-70	1	70CDB4-A-S	6-60	1	215	0.45	8D	
CDB14N4x8D-S	2-14	0.2	140CDB4-S	20-140	2	140CDB4-A-S	20-120	2	255	0.48	10D	
CDB25N10D-S	3-25	0.5	250CDB-S	30-250	5	250CDB-A-S	30-220	5				
CDB50N12D-S	5-50		500CDB-S	50-500		500CDB-A-S	40-430					
CDB100N15D-S	10-100	1	1000CDB-S	100-1000	10	1000CDB-A-S	lbf-in	lbf-in	1	415	0.76	15D
CDB200N19D-S	20-200	2	2000CDB-S	200-2000	20	2000CDB-A-S	14-140	2	525	1.0	19D	
CDB300N22D-S	30-300	5	3000CDB-S	kgf-m	kgf-m	3000CDB-A-S	20-220	5	720	1.65	22D	
CDB420N22D-S	40-420		4200CDB-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 for this model.
 3. Interchangeable heads are optional.

SCDB-S

European Style
Interchangeable
Head Type
Dial Indicating
Torque Wrench

Direction



SCDB50N-S

Inspection Dial Indicating Interchangeable Direct Reading Memory Pointer

- 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.			
SCDB25N-9x12-S	3-25	0.5	9x12	271	0.48
SCDB50N-9x12-S	5-50		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 this model.

T-S

T-Handle Dial Indicating
Torque Wrench

Direction



T90N-S

Inspection Dial Indicating Direct Reading Memory Pointer

- 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.				
T23N-S	3-23	0.5	230T-S	kgf·cm	kgf·m	T200I-3AS	lbf·in	lbf·in	205	71	9.5	0.41
T45N-S	5-45		450T-S	50-450	5	T2400I-3AS	50-400	5	261	82		0.53
T90N-S	10-90	1	900T-S	100-900	10	T65F-4AS	10-65	1	376	102.5	12.7	0.8
T180N-S	20-180	2	1800T-S	200-1800	20	T130F-4AS	20-130	2	656	118.5	1.2	
T700N-S	70-700	10	7000T-S	kgf·m	kgf·m	7000T-A-S	50-500	5	1300	19.0	4	
T1000N-S	100-1000		10000T-S	10-100	1	10000T-A-S	50-700		1630		4.8	
T1400N-S	200-1400	20	14000T-S	20-140	2	14000T-A-S	100-1000	10	1880	25.4	6.2	
T2100N-S	200-2100		21000T-S	20-210		21000T-A-S	200-1500	2500	10			
T2800N-S	300-2800	50	28000T-S	30-280	5	28000T-A-S	200-2000	20	2960	38.1	15.5	
T4200N-S	400-4200		42000T-S	40-420		42000T-A-S	400-3000	3660	50		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.

Torque Wrench for
Quality Inspection

