

DB/DBE/DBR

Direction Dial Indicating Torque Wrench



DB12N4



DB100N



DBE700N



Memory Pointer (Red needle)

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

- 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		
DB100N-S	10-100	1	900DB3-S	100-1000	10	DB600I-4AS	0-600			12.7	0.7
							lbf-ft	lbf-ft			
						DB25F-3AS	0-25		320	9.5	0.6
						DB50F-3AS		0.5	400		0.7
						DB50F-4AS	0-50				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	19.0	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		8.6
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	20	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** **RoHS**

- 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			
CDB25Nx10D-S	3-25	0.5	250CDB-S	30-250	5	250CDB-A-S	30-220	5	255	0.48	10D
CDB50Nx12D-S	5-50		500CDB-S	50-500		500CDB-A-S	40-430			330	0.53
							lbf-ft	lbf-ft			
CDB100Nx15D-S	10-100	1	1000CDB-S	100-1000	10	1000CDB-A-S	7-70	1	415	0.76	15D
CDB200Nx19D-S	20-200	2	2000CDB-S	200-2000	20	2000CDB-A-S	14-140	2	525	1.0	19D
				kgf-m	kgf-m						
CDB300Nx22D-S	30-300	5	3000CDB-S	3-30	0.5	3000CDB-A-S	20-220	5	720	1.65	
CDB420Nx22D-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.