

## 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	1			
DB12N4-S	1-12	0.2	120DB4-S	10-120	2	DB75I-2AS	0-75	1			
<b>NEW</b> DB25N-1/4-S	3-25		<b>NEW</b> 230DB3-1/4-S	30-250		<b>NEW</b> DB150I-2AS	0-150	2	245		
DB25N-S		0.5	230DB3-S		5	DB150I-3AS					0.6
DB50N-S	5-50		450DB3-S	50-500		DB300I-3AS	0-300	5	320		9.5
<b>NEW</b> DB100N-3/8-S	10-100	1	<b>NEW</b> 900DB3-3/8-S	100-1000	10	<b>NEW</b> DB600I-3AS	0-600	10	400		0.7
DB100N-S			900DB3-S			DB600I-4AS					12.7
							lbf-ft	lbf-ft			
						DB25F-3AS	0-25		320		0.6
						<b>NEW</b> DB50F-3AS		0.5			9.5
						DB50F-4AS	0-50		400		0.7
DB200N-S	20-200	2	1800DB3-S	200-2000	20	DB100F-4AS	0-100	1	500		
				kgf-m	kgf-m	DB175F-4AS	0-175	2	540		12.7 1.0
<b>NEW</b> DB280N-1/2-S	30-280		<b>NEW</b> 2800DB3-1/2-S	3-28					690		1.65
DB280N-S		5	2800DB3-S		0.5	DB250F-6AS	0-250	5			
DB420N-S	40-420		4200DB2-S	4-42		DB350F-6AS	0-350		890		2.5
DBE560N-S	50-560		5600DBE2-S	5-56					1100		19.0 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		1490		6.4
DBE1400N-S	200-1400		14000DBE2-S	20-140		DB1000F-8AS	0-1000	10	1740		25.4 8.6
DBE2100N-S	200-2100	20	21000DBE2-S	20-210	2	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 26.5
DBR6000N-S	600-6000		60000DBR-S	60-600					1585		44.5 27.5

- 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.

## 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]	Tchichi Head Size
	Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.			
CDB7N4x8D-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
CDB25Nx10D-S	3-25	0.5	250CDB-S	30-250	5	250CDB-A-S	30-220	5	330	0.53	12D
CDB50Nx12D-S	5-50		500CDB-S	50-500		500CDB-A-S	40-430				
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		lbf-ft	lbf-ft			
CDB300Nx22D-S	30-300	5	3000CDB-S	3-30	0.5	3000CDB-A-S	20-220	5	720	1.65	22D
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.

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## SCDB-S

European Style  
Interchangeable  
Head Type  
Dial Indicating  
Torque Wrench

Direction



SCDB50N-S

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

- 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 **RoHS**

- 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	30-230	5	T200I-3AS	20-200	2	205	71	9.5	0.41
T45N-S	5-45		450T-S	50-450		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	7-70	1	7000T-A-S	50-500	5	1300	19.0	4	
T1000N-S	100-1000		10000T-S	10-100		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.

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