

SPECIFICATIONS

Accuracy $\pm 3\%$

S.I. MODEL		CDB7N4X8D-S	CDB14N4X8D-S	CDB25N5X10D-S	CDB50NX12D-S	CDB100NX15D-S	CDB200NX19D-S	CDB300N5X22D-S	CDB420NX22D-S
TORQUE RANGE	MIN.~MAX.	0.7~7	1.4~14	3.5~25	5~50	10~100	20~200	35~300	40~420
	GRAD.	0.1	0.2	0.5		1	2	5	
METRIC MODEL		CDB70MX8D-S	CDB140MX8D-S	CDB250M5X10D-S	CDB500MX12D-S	CDB1000MX15D-S	CDB2000MX19D-S	CDB3000M5X22D-S	CDB4200MX22D-S
TORQUE RANGE	MIN.~MAX.	kgf·cm 7~70	14~140	35~250	50~500	100~1000	200~2000	kgf·m 3.5~30	4~42
	GRAD.	kgf·cm 1	2	5		10	20	kgf·m 0.5	
AMERICAN MODEL		70CDB4-A-S	140CDB4-A-S	250CDB-A-S	500CDB-A-S	1000CDB-A-S	2000CDB-A-S	3000CDB-A-S	4200CDB-A-S
TORQUE RANGE	MIN.~MAX.	lbf·in 6~60	20~120	25~220	40~430	lbf·ft 7~70	14~140	20~220	30~300
	GRAD.	lbf·in 1	2	5		lbf·ft 1	2	5	
APPLICABLE BOLT (REFERENCE)	STEEL	M5,M6	(M7) M8	M10	M12	M12 (M14)	M16 (M18)	M20 (M22)	M24
	HIGHT TENSION	M4 (M4.5)	M5,M6	(M7)	M8	M10	M12 (M14)	M16	(M18)
MAX. HAND FORCE [N]		31.8	63.6	96.2	161.3	256.4	388.3	413.8	454.1
DIMENSION [mm]	EFFECTIVE LENGTH L	220		260	310	390	515	725	925
	OVERALL LENGTH L'	215		255	330	415	525	720	920
	HEIGHT H	51		57		60	57.5	63.1	64.4
	HEAD d3	8		10	12	15	19	22	
WEIGHT [kg]		0.4		0.48	0.53	0.76	1	1.65	2.7

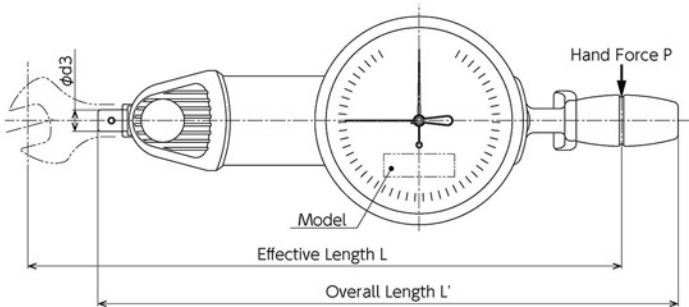
Notes

Overall length does not include interchangeable head. PH (Pipe wrench head) type interchangeable head is not available for this model.

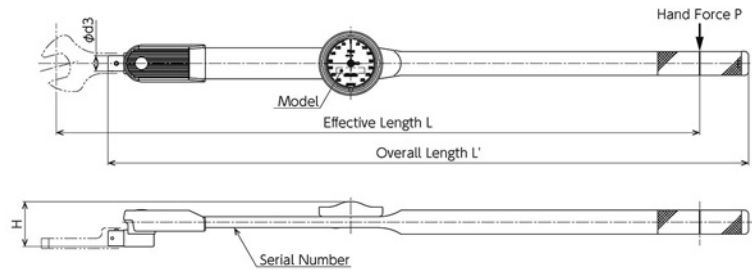
For interchangeable head insert dimensions, click [here](#).

SI unit products and metric unit products are compliant with ISO 6789:2017 starting January 2022. Model names for some products and Calibration Certificates will be different from older products. American unit products are not compliant with ISO 6789:2017.

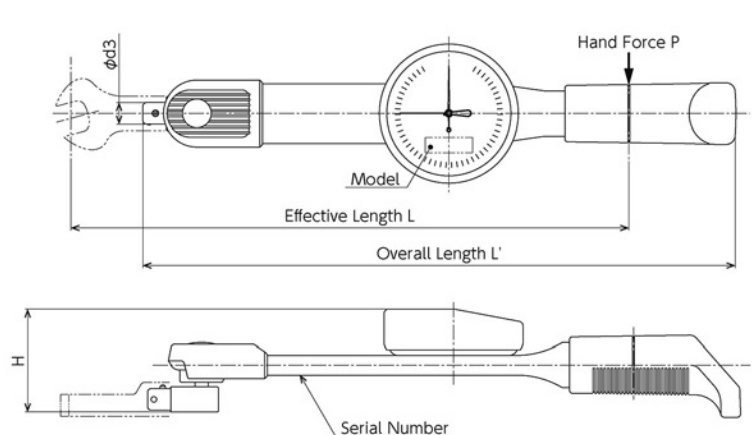
DIMENSIONS



CDB7N4-S, 14N4-S



CDB300N5, 420N



CDB25N5~200N