

# SPECIFICATIONS

MODEL		CSP2NX6D	CSP5NX6D	CSP1.5N4X8D	CSP3N4X8D	CSP6N4X8D	CSP12N4X8D	
S.I. RANGE [N · m]		0.4~2	1~5	0.3~1.5	0.6~3	1~6	2~12	
METRIC RANGE [kgf · cm]		4~20	10~50	3~15	6~30	10~60	20~120	
AMERICAN RANGE [lbf · in]		3.5~17.7	8.8~44.2	3~13	6~25	10~50	20~100	
APPLICABLE BOLT (REFERENCE)	COMMON STEEL	M4	M5, M6	M3 (M3.5)	M4 (M4.5)	M5, M6	(M7)	
	HIGH TENSION	(M3.5)	(M4.5)	M2.5	M3 (M3.5)	M4 (M4.5)	M5, M6	
MAX HAND FORCE [N]		17.5	44	13	26	39	79	
DIMENSION [mm]	EFFECTIVE LENGTH	L	114		118		153	
	OVERALL LENGTH	L'	133		130		165	
	HEAD	d3	6			8		
	BODY	m		12			19	
		n		7.3			9.2	
		d		11			15	
D			11			24		
WEIGHT [kg]			0.06			0.2		

Accuracy ±3%

MODEL		CSP25N3X10D	CSP25N3X10D-MH	CSP50N3X12D	CSP50N3X12D-MH	CSP50N3X15D	CSP50N3X15D-MH	
S.I. RANGE [N · m]		5~25			10~50			
METRIC RANGE [kgf · cm]		50~250			100~500			
AMERICAN RANGE [lbf · in]		50~200			100~400			
APPLICABLE BOLT (REFERENCE)	COMMON STEEL	M8			M10			
	HIGH TENSION	(M7)			M8			
MAX HAND FORCE [N]		134			240		229	
DIMENSION [mm]	EFFECTIVE LENGTH	L	186		208		218	
	OVERALL LENGTH	L'	195		215		220	
	HEAD	d3	10		12		15	
	BODY	m		19		25.5		
		n		9.2		11.2		
		d		15		20		
D		29	15	34	20	34	20	
WEIGHT [kg]		0.2			0.3			

Accuracy ±3%

MODEL		CSP100N3X15D	CSP100N3X15D-MH	CSP140N3X15D	CSP140N3X15D-MH	CSP200N3X19D	CSP280N3X22D	CSP420N3X22D	
S.I. RANGE [N · m]		20~100		30~140		40~200	40~280	60~420	
METRIC RANGE [kgf · cm/kgf · m]		kgf · cm 200~1000		300~1400		400~2000	kgf · m 4~28	6~42	
AMERICAN RANGE [lbf · in]		200~850		300~1000		350~1600	350~2500	600~3600	
APPLICABLE BOLT (REFERENCE)	COMMON STEEL	M12(M14)		M16		(M18)	M20	(M22) M24	
	HIGH TENSION	M10		M12		(M14)	M16	(M18)	
MAX HAND FORCE [N]		344		400		449	424	442	
DIMENSION [mm]	EFFECTIVE LENGTH	L	291		350	445	660	950	
	OVERALL LENGTH	L'	290		350	430	625	920	
	HEAD	d3		15		19	22		
	BODY	m		28			35		38.6
		n		12.2			15		16.1
		d		21.7			27.2		30
D		34	21.7	34	21.7		27.2	40	
WEIGHT [kg]		0.45		0.55		1	1.4	2.7	

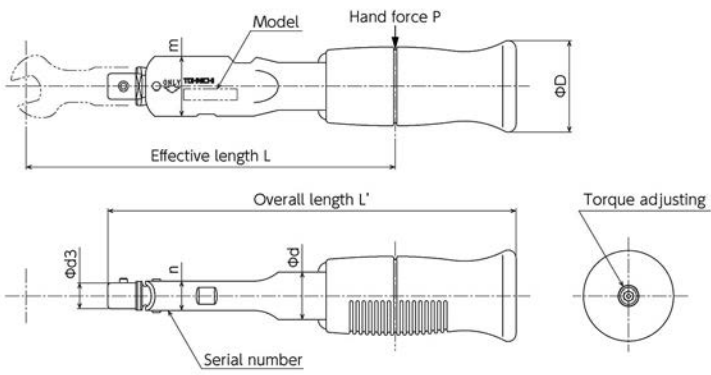
## Notes

Overall length does not include interchangeable head.

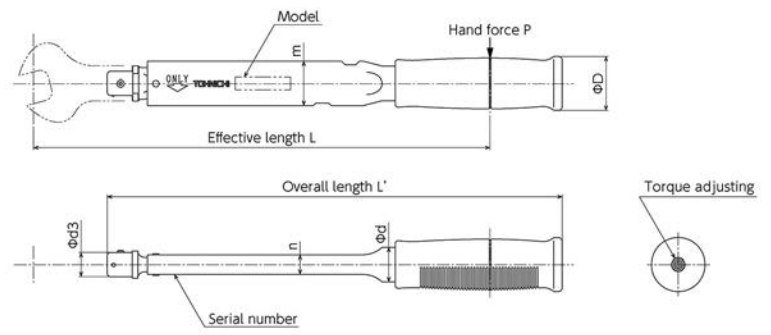
Except for CSP2NX6D, CSP5NX6D, CSP1.5N4X8D, and CSP3N4X8D, products are compliant with ISO 6789:2017 starting January 2022.

Calibration Certificates will be different from older products.

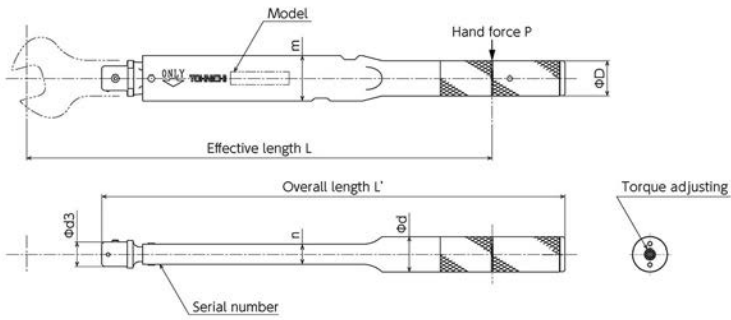
# DIMENSIONS



CSP1.5N4~12N4



CSP25N3~140N3



CSP2N/5N, CSP-MH, CSP200N3~420N3