

TCDHSL, TCDHS

TOGGLE CLAMPS



TCDHSL

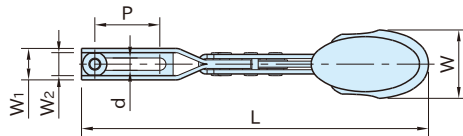
(With Safety-Lock Feature)



TCDHS

(Without Safety-Lock Feature)

Type	Body/Arm	Handle	Knob Cover
TCDHSL	Steel(SAPH440) Nitrocarburized	Polyamide	Thermoplastic elastomer
TCDHS	Black oxide finish		-



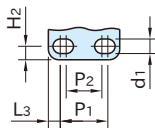
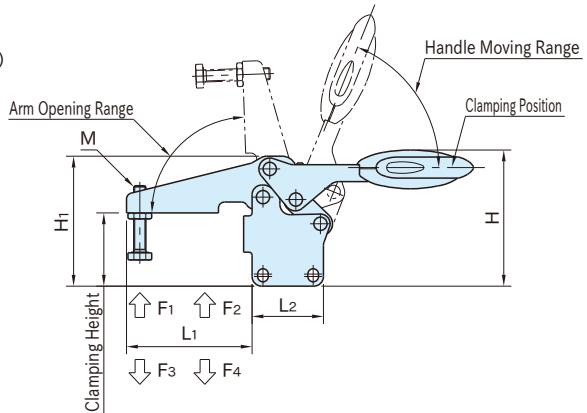
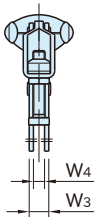
TCDHSL

(With Safety-Lock Feature)

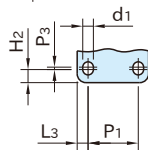


TCDHS

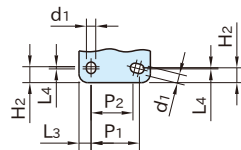
(Without Safety-Lock Feature)



M5 Size



M6~10 Size



M12 Size

Type/Size	Arm Opening Range	Handle Moving Range	Handle Force (N)	Holding Force *)		Clamping Force		M	
				F ₁ (N)	F ₂ (N)	F ₃ (N)	F ₄ (N)		
TCDHSL TCDHS	05	86°	67°	100	650	900	500	620	M 5×0.8 -25L
	06			160	1,350	1,900	650	1,200	M 6×1 -35L
	08			200	2,000	2,800	750	1,400	M 8×1.25-45L
	10	90°	71°	250	2,200	4,500	840	1,600	M10×1.5 -55L
12	88°	68°	280	2,400	5,500	800	M12×1.75-70L		

Type/Size	Clamping Height	d	P	L ₁	L ₂	W ₃	W ₄	d ₁	P ₁	P ₂	L ₄	L ₃	H ₂	H ₁	W ₁	W ₂	
TCDHSL TCDHS	05	26.2	5.1	20	41.8	27	8.1	4.1	5.5	18	13.5	-	4.5	5.1	47.9	13.2	9.1
	06	36.9	6.1	32	60.5	39	14.1	9.1		26	-	2.5	6.5	5.5	71	17.5	12.4
	08	46.5	8.2	37	74.9	44		16.2	9.2	6.2	-	3.5	9	7	84.3	21	15.7
	10	59.6	10.2	54	103.9	59	8.8		41.5	-	2	8		107.5	26	18.7	
	12	75.9	12.1	64	122	65	8.5		44	40	1	10	13.5	125.2	28	20.9	

*) Never apply a force over this value when machining from below.

TCDHSL (With Safety-Lock Feature)

Part Number	L	W	H	Weight (g)
TCDHSL06160	193.7	53.4	75.2	348
TCDHSL08200	230.3	51.1	88.2	436
TCDHSL10250	286.4	56.5	114.3	841
TCDHSL12280	321.3		128.4	1,053

TCDHS (Without Safety-Lock Feature)

Part Number	L	W	H	Weight (g)
TCDHS05100	125.7	22.5	52.2	96
TCDHS06160	186.8	43.5	75.2	318
TCDHS08200	223.1	41.5	88.2	405
TCDHS10250	279.3	47	114.3	810
TCDHS12280	314.7		128.4	1,028

Features:

- User-friendly handle
- The safety-lock version allows the clamp to be locked at the clamping position and stay locked until manually unlocked by sliding the knob cover before opening. This prevents the clamp from being accidentally opened by bumping the handle.

Related Product Page

Spindle nuts **TCDNUT** are available separately

Note:

The clamping spindle may have a marking on the top of the hex head. Remove it as needed.

How To Use (TCDHSL type)

