MechaLock
Compact (Centering Function)

■**Features:** Is provided with the Centering function and is suitable for combination use with small-sized hubs.
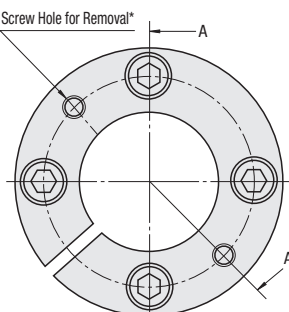

MLR
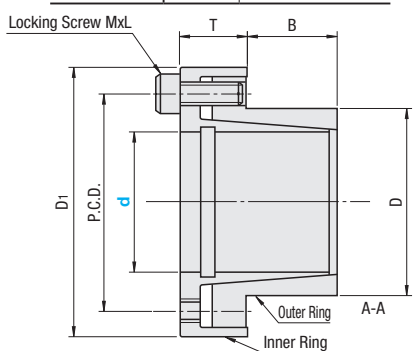
MLRP (Electroless Nickel Plating)

MLRS (Stainless Steel)

Type	Main Body	
	M Material	**S** Surface Treatment
MLR	S45C	-
MLRP	S45C	Electroless Nickel Plating
MLRS	SUS304	-

Screw Hole for Removal*

Locking Screw MxL

A-A

Outer Ring
Inner Ring

RoHS10

* Thread diameter of screw hole for removal is the same as that of locking screw.

💡Lock screw of MLR and MLRP is colored red due to coating agent.

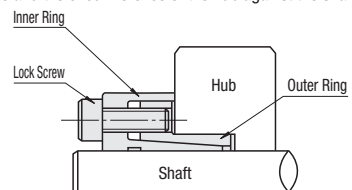| Part Number		D	D₁	P.C.D.	T	B	Locking Screw		Unit Price		
Type	d						MxL	Qty.	MLR	MLRP	MLRS
MLR MLRP (Electroless Nickel Plating) MLRS (Stainless Steel)	5	12	23	15.5	9	10	M3x8	4			
	6										
	8	15	28	19.5	11	12	M4x10	4			
	10	18	31.5	22.5				5			
	12	20	33.5	24.5							
	14	22	35.5	26.5							
	15	23	38.5	28.5	13	14	M5x12	4			
	16	24	39.5	29.5							
	17	25	40.5	30.5							
	18	26	46	33			M6x14	4			
	19	27	47	34							
	20	28	48	35							
	22	32	52	39							
	24	34	54	41		16					
	25										
	28	39	59	46	16			6			
	30	41	61	48		20					
	32	43	63	50							
	35	47	67	54				8			
	38	50	70	57		22					
	40	53	73	60							
	42	55	75	62							
	45	59	84	69	20.5	30	M8x18				
	48	62	87	72							
	50	65	90	75							

■**Features**
· Small difference between the I.D. and O.D. makes compact design possible.
· Hub does not move when tightened because the inner ring touches the end face of the hub.
· It has a function (centering function) to control pendulum of the end face and the circumference of the hub against the shaft.

■Recommended Tolerance of Shaft and Hub / Roughness of Surface

Shaft O.D.	h7(g6)	Ra1.6 or less
Hub I.D.	H7	Ra3.2 or less