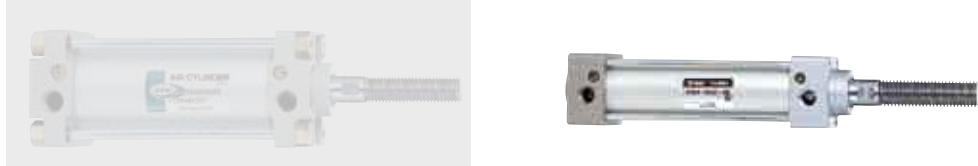


# AIR CYLINDERS FOR LIFTER UNITS

# LIFTING PADS

RoHS



**LTHCT**  
(product of TANHAY)

This product was discontinued in 2017.  
Catalog No. : LTHCT

**LTHCS**  
(product of SMC)

**Air cylinder specifications**

Type	LTHCS
Cylinder tube inner diameter	φ 40 φ 63
Catalog No.	MB
Operating method	Double acting single rod
Guaranteed pressure resistance	1.5MPa (15.3kgf/cm <sup>2</sup> )
Maximum operating pressure	1.0MPa (10.2kgf/cm <sup>2</sup> )
Minimum operating pressure	0.05MPa (0.5kgf/cm <sup>2</sup> )
Ambient temperature and air temperature during use	-10~70°C
Piston speed	50~1000mm/s
Stroke length tolerance	+1.0 0
Cushion	Both sides (air cushion)
Connection port diameter	φ 40 : Rc (PT) 1/4 φ 63 : Rc (PT) 3/8
Mounting type	Basic

**Theoretical output of air cylinder (N)** [Operation direction: OUT]

Cylinder inner diameter	Max. operating pressure (MPa)				
	0.2	0.3	0.4	0.5	0.6
φ 40	251	377	503	629	754
φ 63	623	935	1247	1559	1870

Load (kgf) = Load (N) × 0.101972

B	C	E	F	G	MA	MB	J	N	P	V	A	Catalog No.		Base unit price	
												Type	Cylinder inner diameter		
60	44	32	10	15	8	1	M6	27	Rc1/4	5	139	LTHCT (product of TANHAY)	40	50	Quotation
											189		63	100	
85	64	40	10	17	10	1	M8	31	Rc3/8	9	154	LTHCS (product of SMC)	40	50	
											204		63	100	
52	38	35	13	14	16	4	M6	27	Rc1/4	4	138		40	50	
											188		40	100	
75	56.5	45	14	16.5	16	5	M8	31.5	Rc3/8	9	148		63	50	
											198		63	100	

**Order**

Catalog No.  —

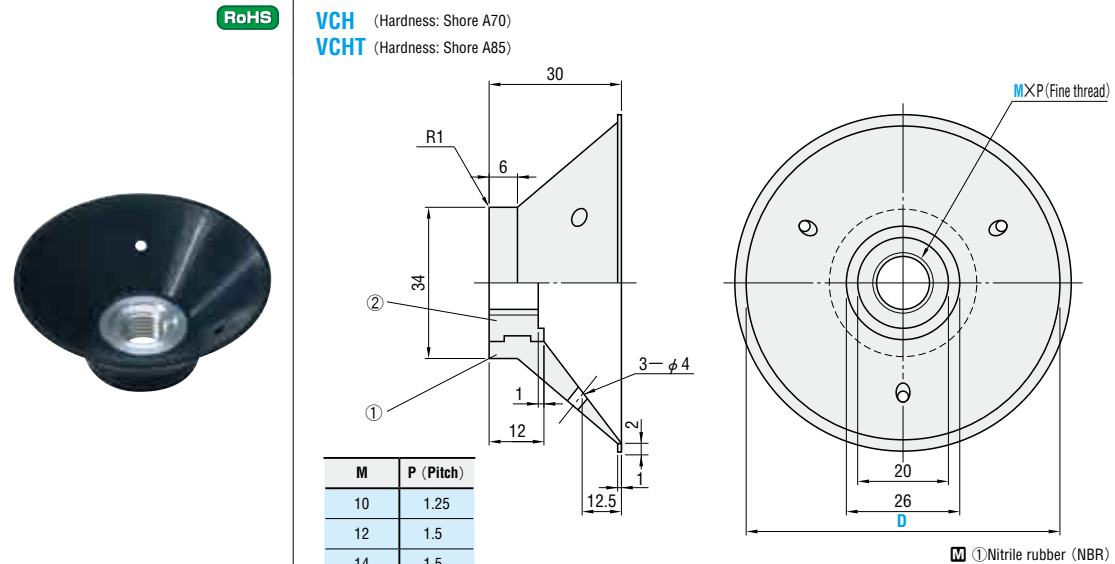
Type  — Stroke

LTHCT 40 — 100

**Days to Ship** **Quotation**

RoHS

**VCH** (Hardness: Shore A70)  
**VCHT** (Hardness: Shore A85)



M	P (Pitch)
10	1.25
12	1.5
14	1.5

① Nitrile rubber (NBR)  
② Aluminum (A5052)

①  (Shore)	Catalog No.		M			Base unit price
	Type	D	1~9 pieces			
A70	VCH	50	10	12	14	Quotation
		70				
A85	VCHT	70	12	14		

⚠ Please verify the thread diameter of the air cylinder piston rod before ordering.  
⚠ These pads cannot be used for the piston rods of LTHCT and LTHCS shown on the page at left.

**Order** Catalog No.  —

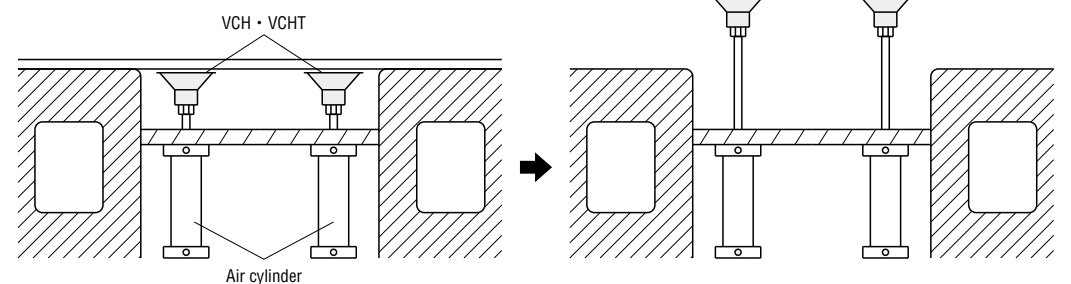
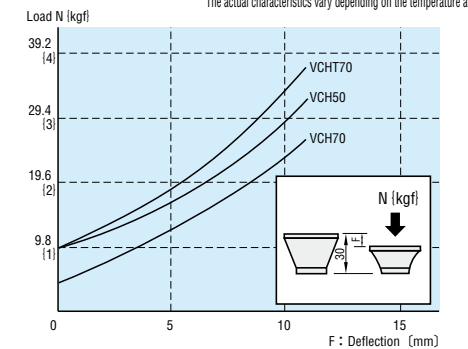
VCH 50 — 10

**Days to Ship** **Quotation**

**Price** **Quotation**

**Example** By attaching these products directly to commercially available air cylinders, they can be used to lift up workpieces.

**Deflection vs. load characteristics graph** This graph shows the quasi-static characteristics. The actual characteristics vary depending on the temperature and speed.



CONVEANCE COMPONENTS FOR AUTOMOTIVES