

LCM
LCR
LCG
LCW
LCX
STM
STG
STS/STL
STR2
UCA2
ULK*
JSK/M2
JSG
JSC3/JSC4
USSD
UFCD
UFCD
UB
JSB3
LMB
LML
HCM
HCA
LBC
CAC4
UCAC2
CAC-N
UCAC-N
RCS2
RCC2
PCC
SHC
MCP
GLC
MFC
BBS
RRC
GRC
RV3*
NHS
HRL
LN
Hand
Chuk
MecHnd/Chuk
ShkAbs
FJ
FK
SpdContr
Ending



Lock unit

UB Series

● Applicable shaft diameter: ø8, ø16

RoHS

Specifications

1 MPa ≈ 145.0 psi, 1 MPa = 10 bar

Item		UB-08S	UB-16S	UB-08W	UB-16W
Working fluid		Compressed air			
Max. working pressure	MPa	1.0 (≈145 psi, 10 bar)			
Min. working pressure	MPa	0.3 (≈44 psi, 3 bar)			
Proof pressure	MPa	1.6 (≈232 psi, 16 bar)			
Ambient temperature	°C	-5 (23°F) to 60 (140°F) (no freezing)			
Holding force	N	180	450	180	450
Lubrication		Not required (use turbine oil class 1 ISO VG32 if necessary for lubrication)			
Lock direction		Uni-direction		Bi-direction	
Applicable shaft diameter and tolerance	mm	ø8 ^{+0.05} / _{-0.10}	ø16 ^{+0.10} / _{-0.15}	ø8 ^{+0.05} / _{-0.10}	ø16 ^{+0.10} / _{-0.15}
Weight	g	99	367	160	578

How to order

UB - (08) (S)

A Applicable shaft diameter

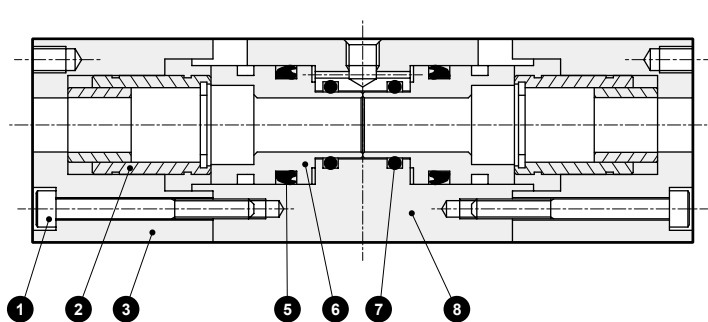
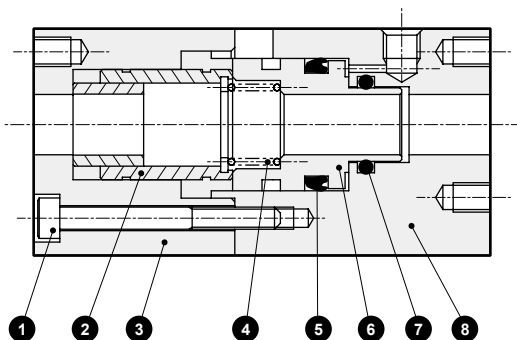
B Lock direction

Code	Description
A Applicable shaft diameter	
08	ø8
16	ø16
B Lock direction	
S	Uni-direction
W	Bi-direction

Internal structure diagram and parts list

● UB-08/16S

● UB-08/16W



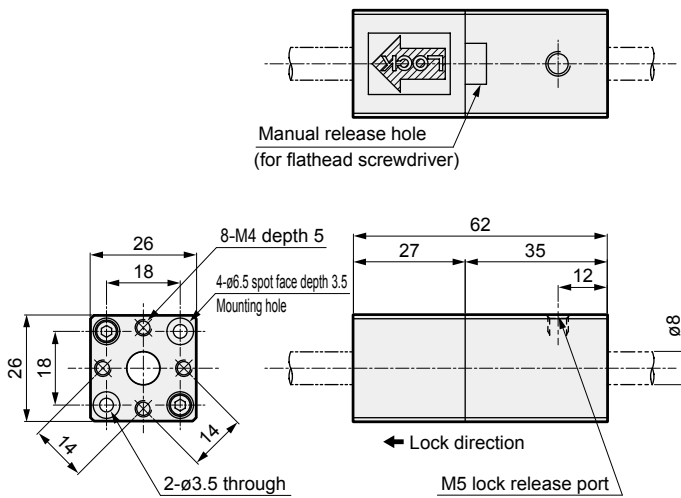
Cannot be disassembled

Cannot be disassembled

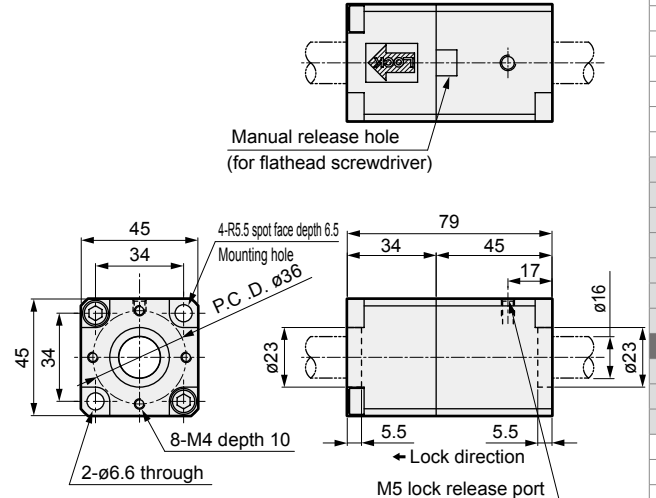
No.	Part name	Material	Remarks	No.	Part name	Material	Remarks
1	Hexagon socket head cap screw	Stainless steel		5	Piston packing	Nitrile rubber	
2	Clamper	-		6	Piston	Aluminum alloy	Alumite
3	Clamper case	Aluminum alloy	Hard alumite	7	O-ring	Nitrile rubber	
4	Spring	Steel	Electrodeposition	8	Body	Aluminum alloy	Hard alumite

Dimensions

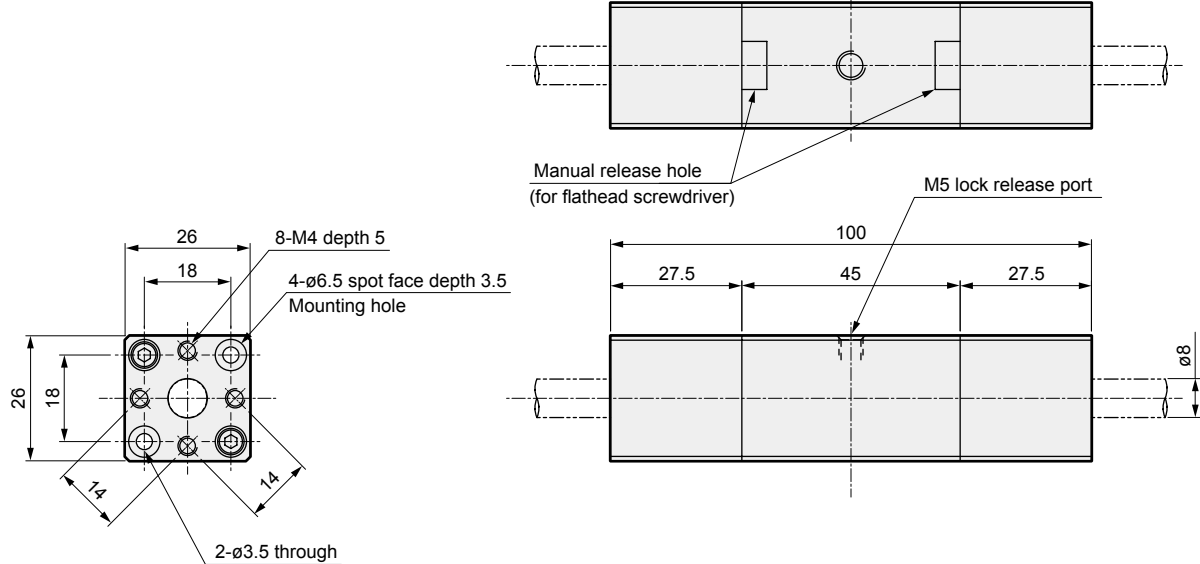
● UB-08S



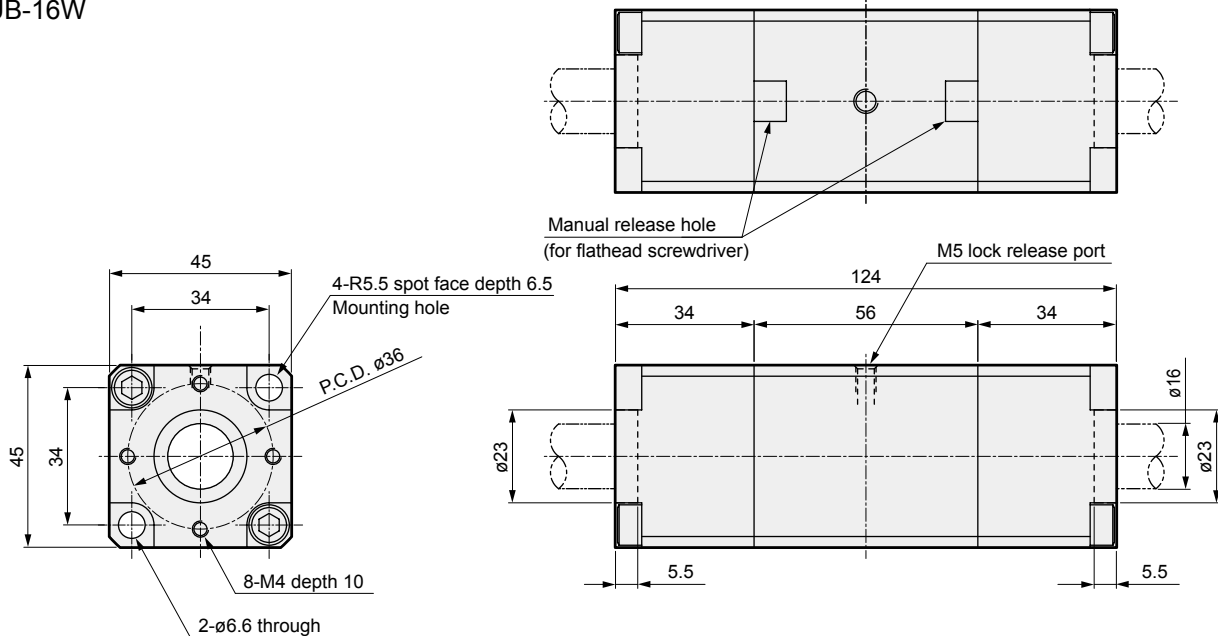
● UB-16S



● UB-08W



● UB-16W



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