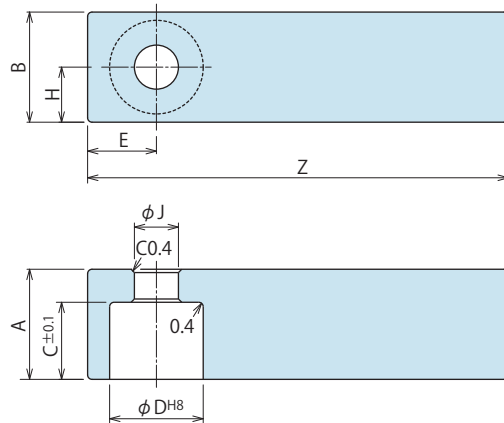


Accessory : Material Swing Lever for Taper Lock Option

(mm)

Model No. Indication

WHZ 040 0 - TSize
(Refer to the table.)Design No.
(Revision Number)

Model No.	WHZ0320-T	WHZ0400-T	WHZ0500-T	WHZ0630-T
Corresponding Model No.	WHA0320-2□□ WHA0320-2□□D WHA0320-2□□-Q25	WHA0400-2□□ WHA0400-2□□D WHA0400-2□□-Q25	WHA0500-2□□ WHA0500-2□□D WHA0500-2□□-Q25	WHA0630-2□□ WHA0630-2□□D WHA0630-2□□-Q25
A	20	22	28	35
B	20	22	28	35
C	14	18	22	24
D	17 ^{+0.027} ₀	19 ^{+0.033} ₀	24 ^{+0.033} ₀	29 ^{+0.033} ₀
E	12.5	13	16	19
H	10	11	14	17.5
J	9	9	11	14
Z	90	125	150	180

Notes :

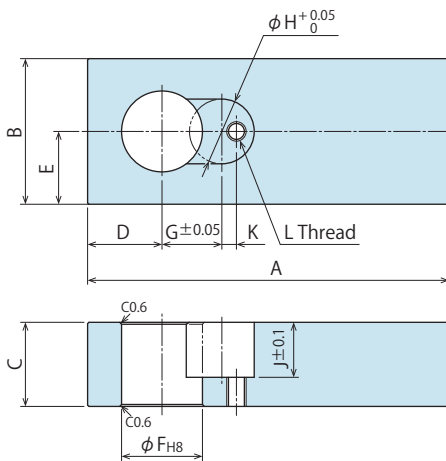
1. Material : S45C Surface Finishing : Alkaline Blackening
2. If necessary, the front end should be additionally machined and finished.
3. When determining the phase, refer to taper lock lever design dimensions for each model for the additional machining.

※1. Refer to Accessory of Quick Change Lever Option A for -A (Quick Change Lever Option A). Refer to Accessory of Quick Change Lever Option F for -F (Quick Change Lever Option F). For -P (Balance Lever Option), it should be designed by customer.

Accessory : Material Swing Lever for Quick Change Lever Option A

(mm)

Model No. Indication

WHZ 160 0 - ASize
(Refer to the table.)Design No.
(Revision Number)

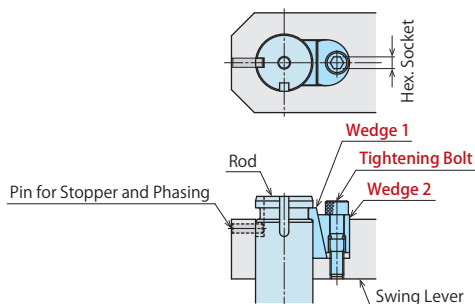
Model No.	WHZ1000-A	WHZ1600-A	WHZ2500-A	WHZ4000-A
Corresponding Model No.	WHA0320-2□□□-A	WHA0400-2□□□-A	WHA0500-2□□□-A	WHA0630-2□□□-A
A	90	125	150	170
B	25	28	34	45
C	16	18	22	26
D	12.5	14	17	23
E	12.5	14	17	22.5
F	14 ^{+0.027} ₀	16 ^{+0.027} ₀	20 ^{+0.033} ₀	25 ^{+0.033} ₀
G	12	13	16	18.5
H	12	12	15	20
J	11	11	13	17
K	2	2	2.5	4.5
L	M4×0.7	M4×0.7	M5×0.8	M6×1

Notes :

1. Material : S50CH Surface Finishing : Alkaline Blackening
2. If necessary, the front end should be additionally machined and finished.
3. The pin hole for stopper and lever phasing should be additionally machined by referring to Quick Change Lever Option A Design Dimensions.
4. Tightening Kit (WHZ□-W) for Quick Change Lever Option A is sold separately.

Accessory : Tightening Kit for Quick Change Lever Option A

Model No. Indication

WHZ 160 1 - WSize
(Refer to the table.)Design No.
(Revision Number)

Tightening Kit for mounting Quick Change Lever Option A.
Sold separately from clamp body.

【Contents of Tightening Kit】

• Wedge 1 • Wedge 2 • Tightening Bolt

Model No.	WHZ1001-W	WHZ1601-W	WHZ2501-W	WHZ4001-W
Corresponding Model No.	WHA0320-2□□□-A	WHA0400-2□□□-A	WHA0500-2□□□-A	WHA0630-2□□□-A
Nominal×Pitch of Tightening Bolt	M4×0.7	M4×0.7	M5×0.8	M6×1
Hex. Socket mm	2.5	2.5	3	4
Tightening Torque N·m	2.5	2.5	5.0	8.0

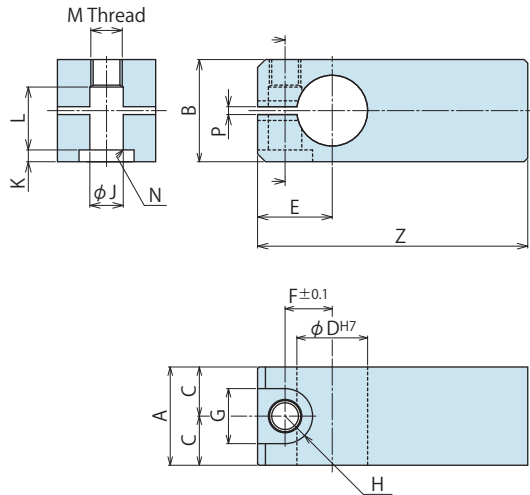
Accessory : Material Swing Lever for Quick Change Lever Option F

Model No. Indication

WHZ 040 0 - F

Size
(Refer to the table.)

Design No.
(Revision Number)



(mm)

Model No.	WHZ0320-F	WHZ0400-F	WHZ0500-F	WHZ0630-F
Corresponding Model No.	WHA0320-2□□□-F	WHA0400-2□□□-F	WHA0500-2□□□-F	WHA0630-2□□□-F
A	20	22	28	35
B	22	22	26	32
C	10	11	14	17.5
D	14 $^{+0.018}_0$	16 $^{+0.018}_0$	20 $^{+0.021}_0$	25 $^{+0.021}_0$
E	14.5	15.5	20	24.5
F	9.25	10.25	13	16.25
G	11	11	14	17.5
H	R5.5	R5.5	R7	R8.75
J	6.5	6.5	8.5	10.5
K	2	2	3	4
L	13.5	13.5	16	18
M	M6×1	M6×1	M8×1	M10×1.25
N	C0.4	C0.4	C0.6	C0.6
P	2	2	2	2
Z	90	125	150	180

Notes :

1. Material : S45C Surface Finishing : Alkaline Blackening
2. If necessary, the front end should be additionally machined and finished.
3. When determining the phase, refer to Quick Change Lever Option F Design Dimensions for the additional machining.
4. Tightening Kit (LZH□-B) for Quick Change Lever Option F is sold separately.

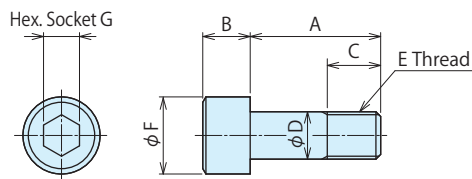
Accessory : Tightening Bolts for Quick Change Lever Option F

Model No. Indication

LZH 036 0 - B

Size
(Refer to the table.)

Design No.
(Revision Number)



(mm)

Model No.	LZH0360-B	LZH0400-B	LZH0480-B
Corresponding Model No.	WHA0320-2□□□-F / WHA0400-2□□□-F	WHA0500-2□□□-F	WHA0630-2□□□-F
A	20	23	28
B	6	8	10
C	7	10	11
D	6	8	10
E	M6×1	M8×1	M10×1.25
F	10	13	16
G	5	6	8

High-Power
Series

Pneumatic Series

Hydraulic Series

Valve / Coupler
Hydraulic UnitManual Operation
Accessories

Cautions / Others

Pneumatic
Hole Clamp

SWA

Pneumatic
Swing Clamp

WHA

Double Piston
Pneumatic Swing Clamp

WHD

Pneumatic
Link Clamp

WCA

Air Flow
Control Valve

BZW

Pneumatic
Expansion Locating Pin

VWM

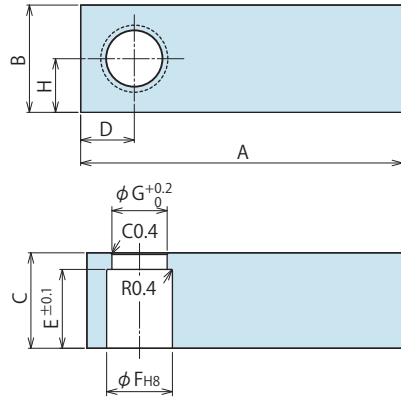
VWK

Pneumatic
Sensor Pin

WWA

Accessories : Material Swing Lever for Taper Lock Option

Model No. Indication

WHZ 160 0 - T
Size
(Refer to the table.)Design No.
(Revision Number)

(mm)

Model No.	WHZ0450-T	WHZ0600-T	WHZ1000-T	WHZ1600-T	WHZ2500-T	WHZ4000-T
Corresponding Model No.	WHE0450-2□□□	WHE0600-2□□□ WHE0600-2□□□-Y□	WHE1000-2□□□ WHE1000-2□□□-Y□	WHE1600-2□□□ WHE1600-2□□□-Y□	WHE2500-2□□□ WHE2500-2□□□-Y□	WHE4000-2□□□ WHE4000-2□□□-Y□
A	85	90	90	125	150	170
B	17	21	25	28	34	45
C	12	14	16	18	22	26
D	8.5	10.5	12.5	14	17	23
E	9.5	11	13	15	18	22
F	11.5 + ^{0.027} / ₀	14 + ^{0.027} / ₀	16 + ^{0.027} / ₀	18 + ^{0.027} / ₀	22 + ^{0.033} / ₀	28 + ^{0.033} / ₀
G	9	11	13	15	17	23.5
H	8.5	10.5	12.5	14	17	22.5

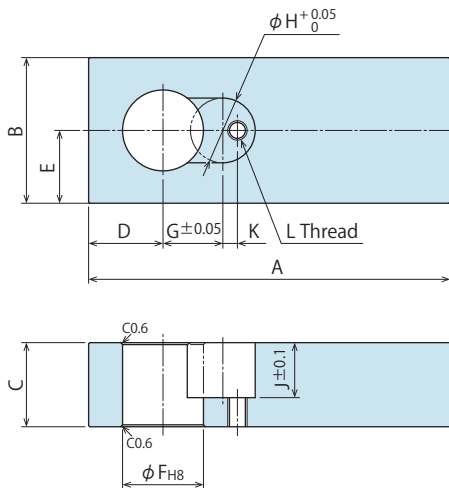
Notes :

1. Material : S50C Surface Finishing : Alkaline Blackening
2. If necessary, the front end should be additionally machined and finished.
3. When determining the phase, refer to taper lock lever design dimensions for each model for the additional machining.

※1. Refer to Accessory of Quick Change Lever Option A for -A (Quick Change Lever Option A). Refer to Accessory of Quick Change Lever Option F for -F (Quick Change Lever Option F). For -P (Balance Lever Option), it should be designed by customer.

Accessories : Material Swing Lever for Quick Change Lever Option A

Model No. Indication

WHZ 160 0 - A
Size
(Refer to the table.)Design No.
(Revision Number)

(mm)

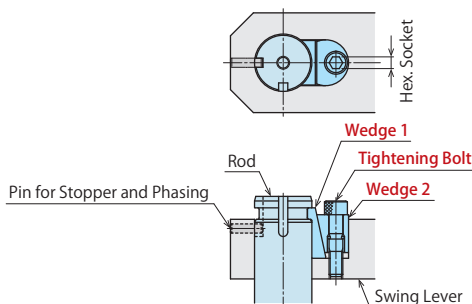
Model No.	WHZ0600-A	WHZ1000-A	WHZ1600-A	WHZ2500-A	WHZ4000-A
Corresponding Model No.	WHE0600-2□□□-A	WHE1000-2□□□-A	WHE1600-2□□□-A	WHE2500-2□□□-A	WHE4000-2□□□-A
A	90	90	125	150	170
B	21	25	28	34	45
C	14	16	18	22	26
D	10.5	12.5	14	17	23
E	10.5	12.5	14	17	22.5
F	12 + ^{0.027} / ₀	14 + ^{0.027} / ₀	16 + ^{0.027} / ₀	20 + ^{0.033} / ₀	25 + ^{0.033} / ₀
G	10.75	12	13	16	18.5
H	10.5	12	12	15	20
J	9.5	11	11	13	17
K	1.25	2	2	2.5	4.5
L	M4×0.7	M4×0.7	M4×0.7	M5×0.8	M6×1

Notes :

1. Material : S50CH Surface Finishing : Alkaline Blackening
2. If necessary, the front end should be additionally machined and finished.
3. The pin hole for stopper and lever phasing should be additionally machined by referring to Quick Change Lever Option A Design Dimensions.
4. Tightening Kit (WHZ□-W) for Quick Change Lever Option A is sold separately.

Accessories : Tightening Kit for Quick Change Lever Option A

Model No. Indication

WHZ 160 1 - W
Size
(Refer to the table.)Design No.
(Revision Number)

Tightening Kit for mounting Quick Change Lever Option A.

Sold separately from clamp body.

【Contents of Tightening Kit】

• Wedge 1 • Wedge 2 • Tightening Bolt

Model No.	WHZ0601-W	WHZ1001-W	WHZ1601-W	WHZ2501-W	WHZ4001-W
Corresponding Model No.	WHE0600-2□□□-A	WHE1000-2□□□-A	WHE1600-2□□□-A	WHE2500-2□□□-A	WHE4000-2□□□-A
Nominal × Pitch of Tightening Bolt	M4×0.7	M4×0.7	M4×0.7	M5×0.8	M6×1
Hex. Socket mm	2.5	2.5	2.5	3	4
Tightening Torque N·m	2.5	2.5	2.5	5.0	8.0

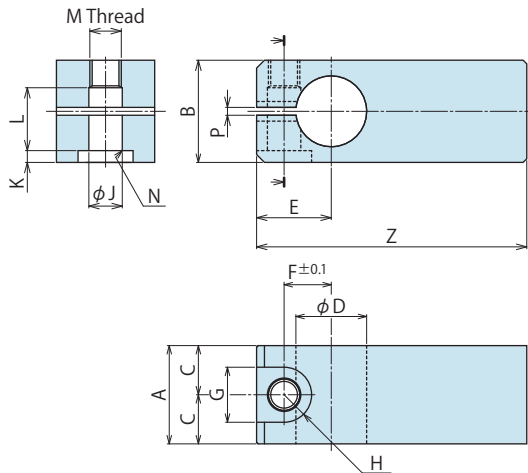
Accessories : Material Swing Lever for Quick Change Lever Option F

Model No. Indication

WHZ 160 0 - F

Size
(Refer to the table.)

Design No.
(Revision Number)



Model No.	WHZ0600-F	WHZ1000-F	WHZ1600-F	WHZ2500-F	WHZ4000-F
Corresponding Model No.	WHE0600-2□□□-F	WHE1000-2□□□-F	WHE1600-2□□□-F	WHE2500-2□□□-F	WHE4000-2□□□-F
A	16	19	22	30	34
B	19	22	25	30	36
C	8	9.5	11	15	17
D	12 - $0_{-0.016}$	14 - $0_{-0.016}$	16 - $0_{-0.016}$	20 - $0_{-0.016}$	25 - $0_{-0.020}$
E	13	15	18	22	26.5
F	7.75	9.25	11	13.75	17
G	10	11	14	17.5	20
H	R5	R5.5	R7	R8.75	R10
J	5.5	6.5	8.5	10.5	12.5
K	1.5	2	3	2	4
L	11.5	13.5	15.5	18	22
M	M5×0.8	M6×1	M8×1	M10×1.25	M12×1.5
N	C0.4	C0.4	C0.6	C0.6	C1
P	2	2	2	2	2
Z	95	105	120	150	170

Notes :

1. Material : S50C Surface Finishing : Alkaline Blackening
2. If necessary, the front end should be additionally machined and finished.
3. When determining the phase, refer to Quick Change Lever Option F Design Dimensions for the additional machining.
4. Tightening Kit (WHZ□□-B) for Quick Change Lever Option F is sold separately.

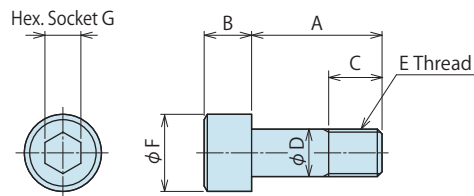
Accessories : Tightening Bolts for Quick Change Lever Option F

Model No. Indication

WHZ 160 0 - B

Size
(Refer to the table.)

Design No.
(Revision Number)



Model No.	WHZ0600-B	WHZ1000-B	WHZ1600-B	WHZ2500-B	WHZ4000-B
Corresponding Model No.	WHE0600-2□□□-F	WHE1000-2□□□-F	WHE1600-2□□□-F	WHE2500-2□□□-F	WHE4000-2□□□-F
A	17.5	20	22	28	32
B	5	6	8	10	12
C	6.5	7	9	11	13
D	5	6	8	10	12
E	M5×0.8	M6×1	M8×1	M10×1.25	M12×1.5
F	8.5	10	13	16	18
G	4	5	6	8	10

High-Power Series

Pneumatic Series

Hydraulic Series

Valve / Coupler Hydraulic Unit

Manual Operation Accessories

Cautions / Others

High-Power Hydraulic Swing Clamp

LHE

High-Power Hydraulic Link Clamp

LKE

High-Power Pneumatic Hole Clamp

SWE

High-Power Pneumatic Swing Clamp

WHE

High-Power Pneumatic Link Clamp

WCE

High-Power Pneumatic Work Support

WNC

Rodless Hollow Pneumatic Work Support

WNA

High-Power Pneumatic Pallet Clamp

WVS

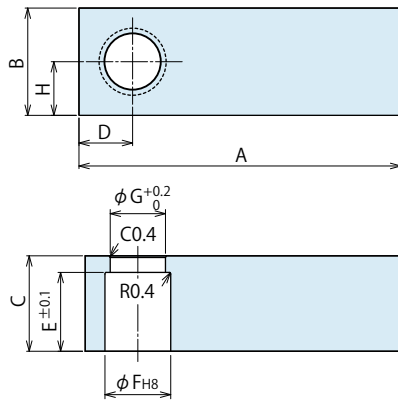
Accessories : Material Swing Lever for Taper Lock Option

Model No. Indication

WHZ 160 0 - T

Size
(Refer to the table.)

Design No.
(Revision Number)



(mm)

Model No.	WHZ1000-T	WHZ1600-T	WHZ2500-T	WHZ4000-T
Corresponding Model No.	WHG1000-2□□□	WHG1600-2□□□	WHG2500-2□□□	WHG4000-2□□□
A	90	125	150	170
B	25	28	34	45
C	16	18	22	26
D	12.5	14	17	23
E	13	15	18	22
F	16 $^{+0.027}_0$	18 $^{+0.027}_0$	22 $^{+0.033}_0$	28 $^{+0.033}_0$
G	13	15	17	23.5
H	12.5	14	17	22.5

Notes :

1. Material : S50C
2. If necessary, the front end should be additionally machined.
3. When determining the phase, refer to taper lock lever design dimensions for each model for the additional machining.