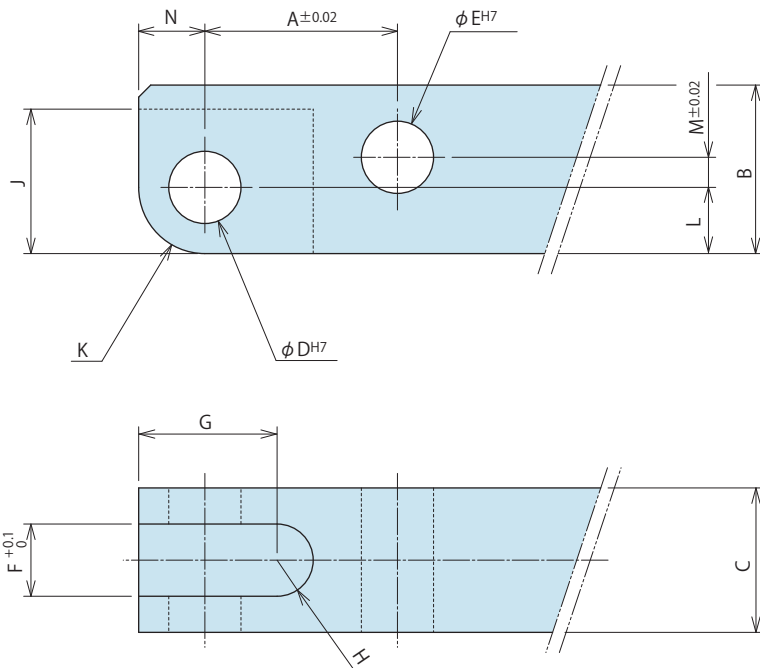


**Link Lever Design Dimension**

※ Reference for designing link lever.



**Calculation List of Link Lever Design Dimension**

Corresponding Model No.	LM0360	LM0400	LM0480	LM0550	LM0650	LM0750	LJ0902	LJ1052
A	14.5	16	18.5	21	24.5	30	36	44
B	12.5	14	16	20	25	32	38	45
C	10 <sup>0</sup> <sub>-0.2</sub>	12 <sup>0</sup> <sub>-0.3</sub>	12 <sup>0</sup> <sub>-0.3</sub>	16 <sup>0</sup> <sub>-0.3</sub>	19 <sup>0</sup> <sub>-0.3</sub>	22 <sup>0</sup> <sub>-0.3</sub>	25 <sup>0</sup> <sub>-0.3</sub>	32 <sup>0</sup> <sub>-0.4</sub>
D	5 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	8 <sup>+0.015</sup> <sub>0</sub>	10 <sup>+0.015</sup> <sub>0</sub>	12 <sup>+0.018</sup> <sub>0</sub>	15 <sup>+0.018</sup> <sub>0</sub>
E	5 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	8 <sup>+0.015</sup> <sub>0</sub>	10 <sup>+0.015</sup> <sub>0</sub>	12 <sup>+0.018</sup> <sub>0</sub>	15 <sup>+0.018</sup> <sub>0</sub>	18 <sup>+0.018</sup> <sub>0</sub>
F	5	6	6	8	10	11	13	16
G	10	11.5	13	12.5	16	20	24	28
H	R2.5	R3	R3	R4	R5	R5.5	R6.5	R8
J	10	12	13	13	17.5	22	26	30.5
K	R4.5	R5.5	R6	R6	R8	R10	R11	R13
L	4.5	5.5	6	6	8	10	11	13
M	2.5	2.5	3.5	6	7.5	9.5	13	16
N	4.5	5.5	6	6	8	10	11	13

Notes

1. Design the link lever length according to the performance graph.
2. If the link lever is not in accordance with the dimension shown above, performance may be degraded and damage can occur.
3. Please use the attached pin (equivalent to φADf6, φAEf6, HRC60) as the mounting pin for lever.  
(Please refer to each external dimension of LM/LJ for the dimensions φAD and φAE.)

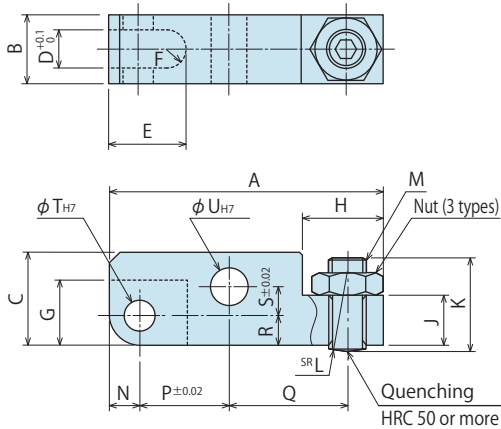
## Accessories : Link Lever (LZ-LJ1)

### Model No. Indication

# LZ 048 0 - LJ1

Size (Refer to the graph on the right.)

Design No. (Revision Number)



Model No.	LZ0360-LJ1	LZ0400-LJ1	LZ0480-LJ1	LZ0550-LJ1	LZ0650-LJ1	LZ0750-LJ1	LZ0900-LJ1	LZ1050-LJ1
Corresponding Model No.	LM0360	LM0400	LM0480	LM0550	LM0650	LM0750	LJ0902	LJ1052
A	43	48	54	64	74.5	88.5	102.5	125
B	10 <sup>-0.2</sup>	12 <sup>-0.3</sup>	12 <sup>-0.3</sup>	16 <sup>-0.3</sup>	19 <sup>-0.3</sup>	22 <sup>-0.3</sup>	25 <sup>-0.3</sup>	32 <sup>-0.4</sup>
C	12.5	14	16	20	25	32	38	45
D	5	6	6	8	10	11	13	16
E	12.5	14.5	16	16.5	21	25.5	30.5	36
F	R2.5	R3	R3	R4	R5	R5.5	R6.5	R8
G	10	12	13	13	17.5	22	26	30.5
H	10.5	13	13	17	22	25	31	38
J	7	7.5	8	10	13	16	22	27
K	14.5	16	18	22	27	31	40	47
L	9	10	10	15	20	30	45	60
M	M5×0.8	M6×1	M6×1	M8×1.25	M10×1.5	M12×1.75	M16×2	M20×2.5
N	4.5	5.5	6	6	8	10	11	13
P	14.5	16	18.5	21	24.5	30	36	44
Q	19	20.5	23.5	29	32	37.5	41.5	51
R	4.5	5.5	6	6	8	10	11	13
S	2.5	2.5	3.5	6	7.5	9.5	13	16
T	5 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	8 <sup>+0.015</sup> <sub>0</sub>	10 <sup>+0.015</sup> <sub>0</sub>	12 <sup>+0.018</sup> <sub>0</sub>	15 <sup>+0.018</sup> <sub>0</sub>
U	5 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	8 <sup>+0.015</sup> <sub>0</sub>	10 <sup>+0.015</sup> <sub>0</sub>	12 <sup>+0.018</sup> <sub>0</sub>	15 <sup>+0.018</sup> <sub>0</sub>	18 <sup>+0.018</sup> <sub>0</sub>

- Notes
1. Material S45C
  2. Please use the attached pin (equivalent to  $\phi$ ADf6,  $\phi$ Aef6, HRC60) as mounting pin for lever.

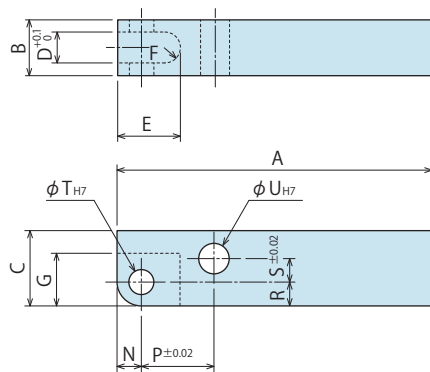
## Accessories : Material Link Lever (LZ-LJ2)

### Model No. Indication

# LZ 048 0 - LJ2

Size (Refer to the graph on the right.)

Design No. (Revision Number)



Model No.	LZ0360-LJ2	LZ0400-LJ2	LZ0480-LJ2	LZ0550-LJ2	LZ0650-LJ2	LZ0750-LJ2	LZ0900-LJ2	LZ1050-LJ2
Corresponding Model No.	LM0360	LM0400	LM0480	LM0550	LM0650	LM0750	LJ0902	LJ1052
A	65	75	85	90	105	110	160	220
B	10 <sup>-0.2</sup>	12 <sup>-0.3</sup>	12 <sup>-0.3</sup>	16 <sup>-0.3</sup>	19 <sup>-0.3</sup>	22 <sup>-0.3</sup>	25 <sup>-0.3</sup>	32 <sup>-0.4</sup>
C	12.5	14	16	20	25	32	38	45
D	5	6	6	8	10	11	13	16
E	12.5	14.5	16	16.5	21	25.5	30.5	36
F	R2.5	R3	R3	R4	R5	R5.5	R6.5	R8
G	10	12	13	13	17.5	22	26	30.5
N	4.5	5.5	6	6	8	10	11	13
P	14.5	16	18.5	21	24.5	30	36	44
R	4.5	5.5	6	6	8	10	11	13
S	2.5	2.5	3.5	6	7.5	9.5	13	16
T	5 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	8 <sup>+0.015</sup> <sub>0</sub>	10 <sup>+0.015</sup> <sub>0</sub>	12 <sup>+0.018</sup> <sub>0</sub>	15 <sup>+0.018</sup> <sub>0</sub>
U	5 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	8 <sup>+0.015</sup> <sub>0</sub>	10 <sup>+0.015</sup> <sub>0</sub>	12 <sup>+0.018</sup> <sub>0</sub>	15 <sup>+0.018</sup> <sub>0</sub>	18 <sup>+0.018</sup> <sub>0</sub>

- Notes
1. Material S45C
  2. If necessary, the front end should be additionally machined.
  3. Please use the attached pin (equivalent to  $\phi$ ADf6,  $\phi$ Aef6, HRC60) as mounting pin for lever.

High-Power  
Series

Pneumatic Series

Hydraulic Series

Valve / Coupler  
Hydraulic UnitManual Operation  
Accessories

Cautions / Others

Hole Clamp

SFA

SFC

Swing Clamp

LHA

LHC

LHS

LHW

LT/LG

TLA-2

TLB-2

TLA-1

Link Clamp

LKA

LKC

LKW

LM/LJ

TMA-2

TMA-1

Work Support

LD

LC

TNC

TC

Air Sensing  
Lift Cylinder

LLW

Compact Cylinder

LL

LLR

LLU

DP

DR

DS

DT

Block Cylinder

DBA

DBC

Control Valve

BZL

BZT

BZX/JZG

Pallet Clamp

VS

VT

Expansion  
Locating Pin

VL

VM

VJ

VK

Pull Stud Clamp

FP

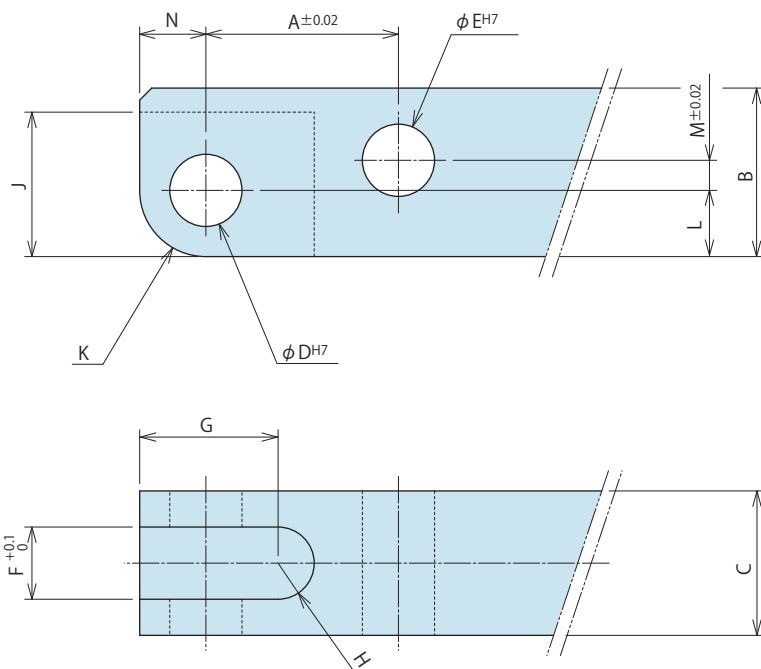
FQ

Customized  
Spring Cylinder

DWA/DWB

● Link Lever Design Dimension

※ Reference for designing link lever.



● Calculation List of Link Lever Design Dimension

Corresponding Model No.	TMA0250	TMA0400	TMA0600	TMA1000	TMA1600	TMA2500	TMA3200
A	16	18.5	21	24.5	30	36	44
B	14	16	20	25	32	38	45
C	12 <sup>0</sup> <sub>-0.3</sub>	12 <sup>0</sup> <sub>-0.3</sub>	16 <sup>0</sup> <sub>-0.3</sub>	19 <sup>0</sup> <sub>-0.3</sub>	22 <sup>0</sup> <sub>-0.3</sub>	25 <sup>0</sup> <sub>-0.3</sub>	32 <sup>0</sup> <sub>-0.4</sub>
D	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	8 <sup>+0.015</sup> <sub>0</sub>	10 <sup>+0.015</sup> <sub>0</sub>	12 <sup>+0.018</sup> <sub>0</sub>	15 <sup>+0.018</sup> <sub>0</sub>
E	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	8 <sup>+0.015</sup> <sub>0</sub>	10 <sup>+0.015</sup> <sub>0</sub>	12 <sup>+0.018</sup> <sub>0</sub>	15 <sup>+0.018</sup> <sub>0</sub>	18 <sup>+0.018</sup> <sub>0</sub>
F	6	6	8	10	11	13	16
G	11.5	13	12.5	16	20	24	28
H	R3	R3	R4	R5	R5.5	R6.5	R8
J	12	13	13	17.5	22	26	30.5
K	R5.5	R6	R6	R8	R10	R11	R13
L	5.5	6	6	8	10	11	13
M	2.5	3.5	6	7.5	9.5	13	16
N	5.5	6	6	8	10	11	13

Notes

1. Please design the link lever length according to the performance curve.
2. If the link lever is not in accordance with the dimension shown above, performance may be degraded and damage can occur.
3. Please use the attached pin (equivalent to φADf6, φAEf6, HRC60) as the mounting pin for lever.  
(Please refer to each external dimension of TMA for the dimensions φAD and φAE.)

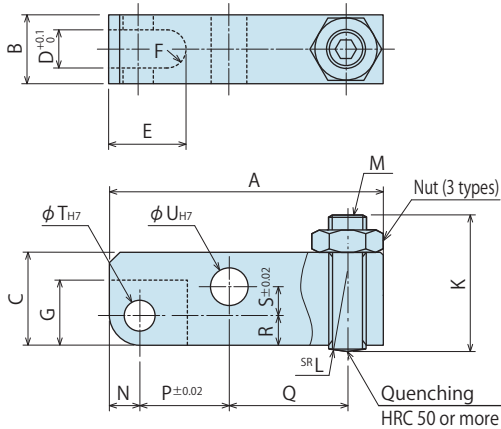
## Accessories : Link Lever (LZ-LJ3)

### Model No. Indication

# LZ 048 0 - LJ3

Size (Refer to the graph on the right)

Design No. (Revision Number)



Model No.	LZ0400-LJ3	LZ0480-LJ3	LZ0550-LJ3	LZ0650-LJ3	LZ0750-LJ3	LZ0900-LJ3	LZ1050-LJ3
Corresponding Model No.	TMA0250	TMA0400	TMA0600	TMA1000	TMA1600	TMA2500	TMA3200
A	48	54	64	74.5	88.5	102.5	125
B	12 <sup>-0.3</sup>	12 <sup>-0.3</sup>	16 <sup>-0.3</sup>	19 <sup>-0.3</sup>	22 <sup>-0.3</sup>	25 <sup>-0.3</sup>	32 <sup>-0.4</sup>
C	14	16	20	25	32	38	45
D	6	6	8	10	11	13	16
E	14.5	16	16.5	21	25.5	30.5	36
F	R3	R3	R4	R5	R5.5	R6.5	R8
G	12	13	13	17.5	22	26	30.5
K	23	26	32	39	47	56	65
L	10	10	15	20	30	45	60
M	M6×1	M6×1	M8×1.25	M10×1.5	M12×1.75	M16×2	M20×2.5
N	5.5	6	6	8	10	11	13
P	16	18.5	21	24.5	30	36	44
Q	20.5	23.5	29	32	37.5	41.5	51
R	5.5	6	6	8	10	11	13
S	2.5	3.5	6	7.5	9.5	13	16
T	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	8 <sup>+0.015</sup> <sub>0</sub>	10 <sup>+0.015</sup> <sub>0</sub>	12 <sup>+0.018</sup> <sub>0</sub>	15 <sup>+0.018</sup> <sub>0</sub>
U	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	8 <sup>+0.015</sup> <sub>0</sub>	10 <sup>+0.015</sup> <sub>0</sub>	12 <sup>+0.018</sup> <sub>0</sub>	15 <sup>+0.018</sup> <sub>0</sub>	18 <sup>+0.018</sup> <sub>0</sub>

- Notes
1. Material S45C
  2. Please use the attached pin (equivalent to φ ADf6, φ AEF6, HRC60) as the mounting pin for lever.

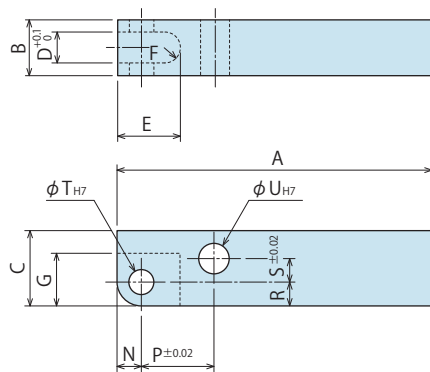
## Accessories : Material Link Lever (LZ-LJ2)

### Model No. Indication

# LZ 048 0 - LJ2

Size (Refer to the graph on the right)

Design No. (Revision Number)



Model No.	LZ0400-LJ2	LZ0480-LJ2	LZ0550-LJ2	LZ0650-LJ2	LZ0750-LJ2	LZ0900-LJ2	LZ1050-LJ2
Corresponding Model No.	TMA0250	TMA0400	TMA0600	TMA1000	TMA1600	TMA2500	TMA3200
A	75	85	90	105	110	160	220
B	12 <sup>-0.3</sup>	12 <sup>-0.3</sup>	16 <sup>-0.3</sup>	19 <sup>-0.3</sup>	22 <sup>-0.3</sup>	25 <sup>-0.3</sup>	32 <sup>-0.4</sup>
C	14	16	20	25	32	38	45
D	6	6	8	10	11	13	16
E	14.5	16	16.5	21	25.5	30.5	36
F	R3	R3	R4	R5	R5.5	R6.5	R8
G	12	13	13	17.5	22	26	30.5
N	5.5	6	6	8	10	11	13
P	16	18.5	21	24.5	30	36	44
R	5.5	6	6	8	10	11	13
S	2.5	3.5	6	7.5	9.5	13	16
T	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	8 <sup>+0.015</sup> <sub>0</sub>	10 <sup>+0.015</sup> <sub>0</sub>	12 <sup>+0.018</sup> <sub>0</sub>	15 <sup>+0.018</sup> <sub>0</sub>
U	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	8 <sup>+0.015</sup> <sub>0</sub>	10 <sup>+0.015</sup> <sub>0</sub>	12 <sup>+0.018</sup> <sub>0</sub>	15 <sup>+0.018</sup> <sub>0</sub>	18 <sup>+0.018</sup> <sub>0</sub>

- Notes
1. Material S45C
  2. If necessary, the front end should be additionally machined.
  3. Please use the attached pin (equivalent to φ ADf6, φ AEF6, HRC60) as the mounting pin for lever.

High-Power  
Series

Pneumatic Series

Hydraulic Series

Valve / Coupler  
Hydraulic UnitManual Operation  
Accessories

Cautions / Others

Hole Clamp

SFA

SFC

Swing Clamp

LHA

LHC

LHS

LHW

LT/LG

TLA-2

TLB-2

TLA-1

Link Clamp

LKA

LKC

LKW

LM/LJ

TMA-2

TMA-1

Work Support

LD

LC

TNC

TC

Air Sensing  
Lift Cylinder

LLW

Compact Cylinder

LL

LLR

LLU

DP

DR

DS

DT

Block Cylinder

DBA

DBC

Control Valve

BZL

BZT

BZX/JZG

Pallet Clamp

VS

VT

Expansion  
Locating Pin

VL

VM

VJ

VK

Pull Stud Clamp

FP

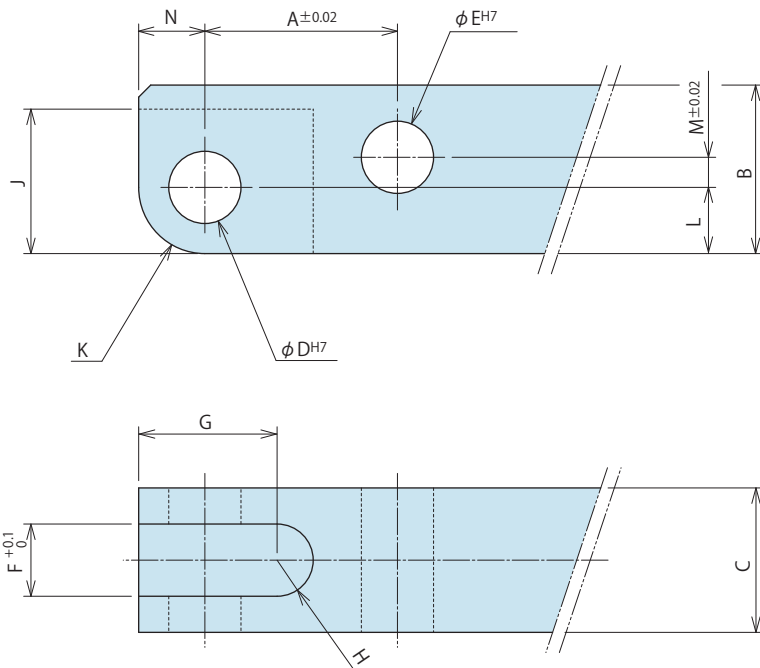
FQ

Customized  
Spring Cylinder

DWA/DWB

**Link Lever Design Dimension**

※Refer to it for designing the link lever.



**Calculation List of Link Lever Design Dimension**

Corresponding Model No.	TMA0250	TMA0400	TMA0600	TMA1000	TMA1600	TMA2500	TMA3200
A	16	18.5	21	24.5	30	36	44
B	14	16	20	25	32	38	45
C	12 <sup>0</sup> <sub>-0.3</sub>	12 <sup>0</sup> <sub>-0.3</sub>	16 <sup>0</sup> <sub>-0.3</sub>	19 <sup>0</sup> <sub>-0.3</sub>	22 <sup>0</sup> <sub>-0.3</sub>	25 <sup>0</sup> <sub>-0.3</sub>	32 <sup>0</sup> <sub>-0.4</sub>
D	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	8 <sup>+0.015</sup> <sub>0</sub>	10 <sup>+0.015</sup> <sub>0</sub>	12 <sup>+0.018</sup> <sub>0</sub>	15 <sup>+0.018</sup> <sub>0</sub>
E	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	8 <sup>+0.015</sup> <sub>0</sub>	10 <sup>+0.015</sup> <sub>0</sub>	12 <sup>+0.018</sup> <sub>0</sub>	15 <sup>+0.018</sup> <sub>0</sub>	18 <sup>+0.018</sup> <sub>0</sub>
F	6	6	8	10	11	13	16
G	11.5	13	12.5	16	20	24	28
H	R3	R3	R4	R5	R5.5	R6.5	R8
J	12	13	13	17.5	22	26	30.5
K	R5.5	R6	R6	R8	R10	R11	R13
L	5.5	6	6	8	10	11	13
M	2.5	3.5	6	7.5	9.5	13	16
N	5.5	6	6	8	10	11	13

Notes

1. Please design the link lever length according to the performance curve.
2. If the link lever is not in accordance with the dimension shown above, performance may be degraded and damage can occur.
3. Please use the attached pin (equivalent to φADf6, φAEf6, HRC60) as the mounting pin for lever.  
(Please refer to each external dimension of TMA for the dimensions φAD and φAE.)

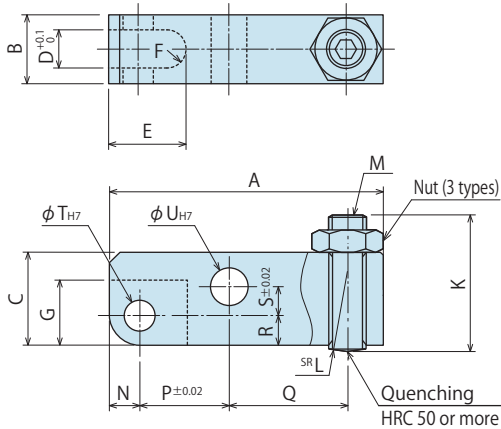
## Accessories : Link Lever (LZ-LJ3)

### Model No. Indication

# LZ 048 0 - LJ3

Size (Refer to the graph on the right)

Design No. (Revision Number)



Model No.	LZ0400-LJ3	LZ0480-LJ3	LZ0550-LJ3	LZ0650-LJ3	LZ0750-LJ3	LZ0900-LJ3	LZ1050-LJ3
Corresponding Model No.	TMA0250	TMA0400	TMA0600	TMA1000	TMA1600	TMA2500	TMA3200
A	48	54	64	74.5	88.5	102.5	125
B	12 <sup>-0.3</sup>	12 <sup>-0.3</sup>	16 <sup>-0.3</sup>	19 <sup>-0.3</sup>	22 <sup>-0.3</sup>	25 <sup>-0.3</sup>	32 <sup>-0.4</sup>
C	14	16	20	25	32	38	45
D	6	6	8	10	11	13	16
E	14.5	16	16.5	21	25.5	30.5	36
F	R3	R3	R4	R5	R5.5	R6.5	R8
G	12	13	13	17.5	22	26	30.5
K	23	26	32	39	47	56	65
L	10	10	15	20	30	45	60
M	M6×1	M6×1	M8×1.25	M10×1.5	M12×1.75	M16×2	M20×2.5
N	5.5	6	6	8	10	11	13
P	16	18.5	21	24.5	30	36	44
Q	20.5	23.5	29	32	37.5	41.5	51
R	5.5	6	6	8	10	11	13
S	2.5	3.5	6	7.5	9.5	13	16
T	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	8 <sup>+0.015</sup> <sub>0</sub>	10 <sup>+0.015</sup> <sub>0</sub>	12 <sup>+0.018</sup> <sub>0</sub>	15 <sup>+0.018</sup> <sub>0</sub>
U	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	8 <sup>+0.015</sup> <sub>0</sub>	10 <sup>+0.015</sup> <sub>0</sub>	12 <sup>+0.018</sup> <sub>0</sub>	15 <sup>+0.018</sup> <sub>0</sub>	18 <sup>+0.018</sup> <sub>0</sub>

- Notes
1. Material S45C
  2. Please use the attached pin (equivalent to φ ADf6, φ AEF6, HRC60) as the mounting pin for lever.

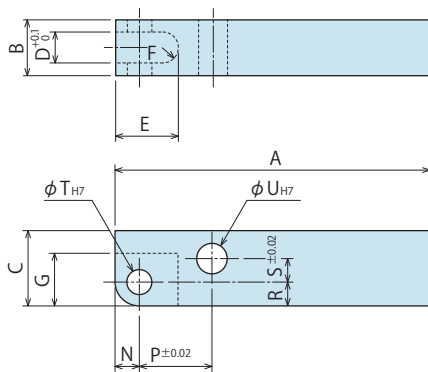
## Accessories : Material Link Lever (LZ-LJ2)

### Model No. Indication

# LZ 048 0 - LJ2

Size (Refer to the graph on the right)

Design No. (Revision Number)



Model No.	LZ0400-LJ2	LZ0480-LJ2	LZ0550-LJ2	LZ0650-LJ2	LZ0750-LJ2	LZ0900-LJ2	LZ1050-LJ2
Corresponding Model No.	TMA0250	TMA0400	TMA0600	TMA1000	TMA1600	TMA2500	TMA3200
A	75	85	90	105	110	160	220
B	12 <sup>-0.3</sup>	12 <sup>-0.3</sup>	16 <sup>-0.3</sup>	19 <sup>-0.3</sup>	22 <sup>-0.3</sup>	25 <sup>-0.3</sup>	32 <sup>-0.4</sup>
C	14	16	20	25	32	38	45
D	6	6	8	10	11	13	16
E	14.5	16	16.5	21	25.5	30.5	36
F	R3	R3	R4	R5	R5.5	R6.5	R8
G	12	13	13	17.5	22	26	30.5
N	5.5	6	6	8	10	11	13
P	16	18.5	21	24.5	30	36	44
R	5.5	6	6	8	10	11	13
S	2.5	3.5	6	7.5	9.5	13	16
T	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	8 <sup>+0.015</sup> <sub>0</sub>	10 <sup>+0.015</sup> <sub>0</sub>	12 <sup>+0.018</sup> <sub>0</sub>	15 <sup>+0.018</sup> <sub>0</sub>
U	6 <sup>+0.012</sup> <sub>0</sub>	6 <sup>+0.012</sup> <sub>0</sub>	8 <sup>+0.015</sup> <sub>0</sub>	10 <sup>+0.015</sup> <sub>0</sub>	12 <sup>+0.018</sup> <sub>0</sub>	15 <sup>+0.018</sup> <sub>0</sub>	18 <sup>+0.018</sup> <sub>0</sub>

- Notes
1. Material S45C
  2. If necessary, the front end should be additionally machined.
  3. Please use the attached pin (equivalent to φ ADf6, φ AEF6, HRC60) as the mounting pin for lever.

High-Power  
Series

Pneumatic Series

Hydraulic Series

Valve / Coupler  
Hydraulic UnitManual Operation  
Accessories

Cautions / Others

Hole Clamp

SFA

SFC

Swing Clamp

LHA

LHC

LHS

LHW

LT/LG

TLA-2

TLB-2

TLA-1

Link Clamp

LKA

LKC

LKW

LM/LJ

TMA-2

TMA-1

Work Support

LD

LC

TNC

TC

Air Sensing  
Lift Cylinder

LLW

Compact Cylinder

LL

LLR

LLU

DP

DR

DS

DT

Block Cylinder

DBA

DBC

Control Valve

BZL

BZT

BZX/JZG

Pallet Clamp

VS

VT

Expansion  
Locating Pin

VL

VM

VJ

VK

Pull Stud Clamp

FP

FQ

Customized  
Spring Cylinder

DWA/DWB