

LCM  
LCR  
LCG  
LCW  
LCX  
STM  
STG  
STS/STL  
STR2  
UCA2  
ULK\*  
JSK/M2  
JSG  
JSC3/JSC4  
USSD  
UFCD  
USC  
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

| Product name                                              | Model No.           | Action of finger | Bore size (mm) | Gripping power* (N) | Stroke length (mm) | Page |
|-----------------------------------------------------------|---------------------|------------------|----------------|---------------------|--------------------|------|
| Linear Slide Hand (HP Series)                             | LSH-HP1<br>LSHL-HP1 |                  | ø6 to ø32      | 3.3 to 158          | 4 to 22            | 1506 |
| Length measurement function Linear Slide Hand (HP Series) | LSHM-HP2            |                  | ø10 to ø25     | 11 to 65            | 4 to 14            | 1508 |
| Linear Slide Hand (standard)                              | LSH                 |                  | ø10 to ø25     | 11 to 65            | 4 to 14            | 1581 |
| Feather hand (Mini-parallel hand)                         | FH100               |                  | ø10 to ø25     | 6 to 30             | 8 to 20            | 1590 |
| Miniature cross roller parallel hand                      | BSA2                |                  | ø6             | 3.5                 | 4                  | 1596 |
| Compact cross roller parallel hand                        | BHA                 |                  | ø12 to ø25     | 15 to 80            | 5 to 15            | 1600 |
| Compact cross roller parallel hand with rubber cover      | BHG                 |                  | ø12 to ø25     | 15 to 80            | 5 to 15            | 1606 |
| Linear guide hand                                         | LHA                 |                  | ø6 to ø32      | 5.5 to 145          | 4 to 20            | 1612 |
| Linear guide hand with rubber cover                       | LHAG                |                  | ø12 to ø32     | 18 to 145           | 5 to 20            | 1620 |
| Parallel hand                                             | HAP-1C              |                  | ø15            | 18                  | 8                  | 1628 |
| Parallel hand                                             | HAP                 |                  | ø20 to ø40     | 20 to 100           | 16 to 41           | 1630 |
| Cross roller parallel hand                                | HKP                 |                  | ø32 to ø80     | 160 to 1480         | 24 to 60           | 1636 |
| Lateral parallel hand                                     | HCP                 |                  | ø12 to ø32     | 12 to 75            | 20 to 40           | 1642 |
| Long stroke length parallel hand                          | HGP                 |                  | ø25            | 17                  | 56                 | 1648 |

\*Gripping force is the value with air pressure of 0.5 MPa on the closed side. The actual gripping power depends on the distance from the gripping point and the finger angle. Consult each product page when making a selection.

# Hand (parallel hand)

Series variation

| Product name       |                                                                                                                                                | Model No. | Action of finger                                                                    | Bore size (mm)     | Gripping power* (N) | Stroke length (mm) | Page |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------|--------------------|---------------------|--------------------|------|
| Thin parallel hand | Long stroke length thin hand                                  | HLF2      |    | ø8 x 2 to ø20 x 2  | 20 to 135           | 12 to 96           | 1652 |
|                    | Thin parallel hand                                            | HLA/HLB   |    | ø12 to ø20         | 21 to 70            | 13 to 25           | 1662 |
|                    | Thin parallel hand with rubber cover                          | HLAG/HLBG |    | ø12 to ø20         | 21 to 70            | 13 to 25           | 1670 |
|                    | Thin long stroke length parallel hand                         | HLC       |    | ø8 x 2 to ø30 x 2  | 18 to 310           | 20 to 140          | 1678 |
|                    | Ultra thin parallel hand                                      | HLD       |    | ø8 x 4 to ø20 x 4  | 35 to 250           | 12 to 30           | 1686 |
| Wide parallel hand | Compact wide parallel hand                                    | HMF       |    | ø12 x 2 to ø40 x 2 | 32 to 430           | 20 to 200          | 1690 |
|                    | Compact wide parallel hand with coolant proof specifications  | HMF-G     |    | ø16 x 2 to ø25 x 2 | 66 to 170           | 30 to 120          | 1700 |
|                    | Linear guided large wide parallel hand                      | HMFB      |  | ø25 x 2 to ø40 x 2 | 120 to 310          | 100 to 200         | 1708 |
|                    | Wide parallel hand                                          | HFP       |  | ø16 x 2 to ø40 x 2 | 20 to 255           | 20 to 60           | 1714 |
| Fulcrum hand       | Feather hand (Mini-fulcrum hand)                            | FH500     |  | ø10 to ø20         | 2 to 15             | Opening angle 20°  | 1720 |
|                    | Fulcrum hand                                                | HBL       |  | ø15 to ø40         | 10 to 125           | Opening angle 20°  | 1726 |
|                    | Toggle hand                                                 | HJL       |  | ø32 to ø63         | 250 to 1800         | Opening angle 28°  | 1732 |
|                    | 180 degree open/close thin wide angle hand                  | HMD       |  | ø12 to ø25         | 16 to 120           | Opening angle 184° | 1738 |
|                    | 180 degree open/close wide angle hand                       | HDL       |  | ø25 to ø40         | 10 to 50            | Opening angle 180° | 1744 |
|                    | 180 degree open/close high gripping wide angle hand         | HJD       |  | ø32 to ø63         | 200 to 1250         | Opening angle 184° | 1748 |
| Centering hand     | Centering hand                                              | BHE       |  | ø12 to ø32         | 15 to 125           | 7 to 22            | 1752 |

\*Gripping force is the value with air pressure of 0.5 MPa on the closed side. The actual gripping power depends on the distance from the gripping point and the finger angle. Consult each product page when making a selection.

|              |
|--------------|
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| USSD         |
| UFCD         |
| USC          |
| UB           |
| JSB3         |
| LMB          |
| LML          |
| HCM          |
| HCA          |
| LBC          |
| CAC4         |
| UCAC2        |
| CAC-N        |
| UCAC-N       |
| RCS2         |
| RCC2         |
| PCC          |
| SHC          |
| MCP          |
| GLC          |
| MFC          |
| BBS          |
| RRC          |
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| RV3*         |
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| <b>Hand</b>  |
| Chuk         |
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| SpdContr     |
| Ending       |
| LSH-HP       |
| LSH          |
| FH100        |
| BSA2         |
| BHABHG       |
| LHA          |
| LHAG         |
| HAP          |
| HKP          |
| HCP          |
| HGP          |
| HLF2         |
| HLA/HLB      |
| HLAG/HLBG    |
| HLC          |
| HLD          |
| HMF          |
| HMF-G        |
| HMFB         |
| HFP          |
| FH500        |
| HBL          |
| HJL          |
| HMD          |
| HDL          |
| HJD          |
| BHE          |