

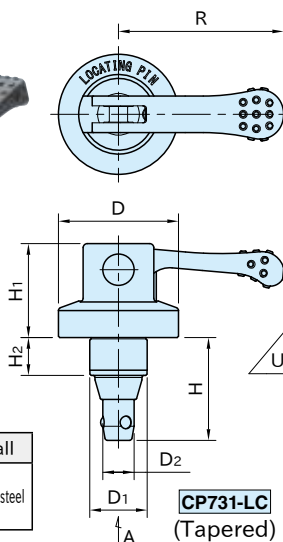
# CP731

## ONE-TOUCH CLAMPING LOCATORS

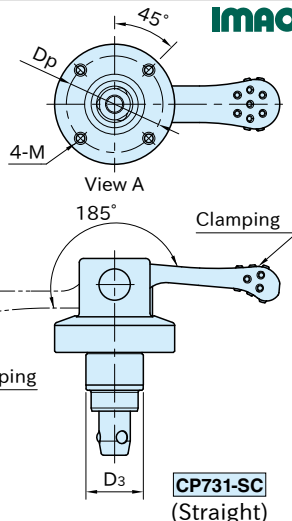


**CP731-LC**  
(Tapered)

**CP731-SC**  
(Straight)



**CP731-LC**  
(Tapered)



**CP731-SC**  
(Straight)

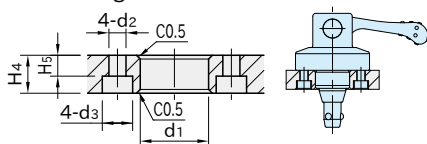
| Body                            | Cam Handle                                                  | Ball       |
|---------------------------------|-------------------------------------------------------------|------------|
| SCM440 steel<br>Nitrocarburized | SCM440 steel<br>Black oxide finished<br>Quenched & tempered | SUJ2 steel |

| Part Number         | D <sub>1</sub><br>(g) | D <sub>3</sub><br>(-0.02<br>-0.06) | H <sub>2</sub> | D  | H <sub>1</sub> | D <sub>2</sub> | H  | M              | D <sub>p</sub> | R  | Cam Handle |
|---------------------|-----------------------|------------------------------------|----------------|----|----------------|----------------|----|----------------|----------------|----|------------|
| <b>CP731-0939LC</b> | 18                    | —                                  | 9.5            | 39 | 30             | 9              | 30 | M4×0.7 Depth 6 | 30             | 50 | QLCA-05    |
| <b>CP731-0939SC</b> | —                     | 18                                 | —              | —  | —              | —              | —  |                | —              | —  | —          |
| <b>CP731-1246LC</b> | 22                    | —                                  | 14.5           | 46 | 36             | 12             | 40 |                | 37             | 63 | QLCA-06    |
| <b>CP731-1246SC</b> | —                     | 22                                 | —              | —  | —              | —              | —  | M5×0.8 Depth 7 | 45             | 80 | QLCA-08    |
| <b>CP731-1656LC</b> | 28                    | —                                  | 19.5           | 56 | 42             | 16             | 51 |                | —              | —  | —          |
| <b>CP731-1656SC</b> | —                     | 28                                 | —              | —  | —              | —              | —  |                | —              | —  | —          |

| Part Number         | Clamping Force<br>(N) | Operating Load<br>(N) | Weight<br>(g) | Locating Receivers |
|---------------------|-----------------------|-----------------------|---------------|--------------------|
| <b>CP731-0939LC</b> | 600                   | 60                    | 191           | CP735-0939L        |
| <b>CP731-0939SC</b> |                       |                       | 189           | CP735-0939S        |
| <b>CP731-1246LC</b> | 1200                  | 130                   | 297           | CP735-1246L        |
| <b>CP731-1246SC</b> |                       |                       | 294           | CP735-1246S        |
| <b>CP731-1656LC</b> | 1800                  | 160                   | 654           | CP735-1656L        |
| <b>CP731-1656SC</b> |                       |                       | 648           | CP735-1656S        |

### How To Use

#### ■ Mounting Hole Dimension



| Size              | d <sub>1</sub><br>(H7) | H <sub>4</sub><br>(±0.05) | d <sub>2</sub> | H <sub>5</sub> | d <sub>3</sub> |
|-------------------|------------------------|---------------------------|----------------|----------------|----------------|
| <b>CP731-0939</b> | 18                     | 10                        | 4.5            | 5              | 8              |
| <b>CP731-1246</b> | 22                     | 15                        |                | 10             |                |
| <b>CP731-1656</b> | 28                     | 20                        | 5.5            | 14             | 10             |

### Supplied With

- **CP731-0939**: Four pieces of hex. socket-head cap screws M4×0.7-10L
- **CP731-1246**: Four pieces of hex. socket-head cap screws M4×0.7-15L
- **CP731-1656**: Four pieces of hex. socket-head cap screws M5×0.8-20L

### Reference

How To Use ONE-TOUCH FLEX LOCATORS  
(Hexagon Head / Cam Handle)