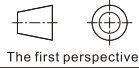
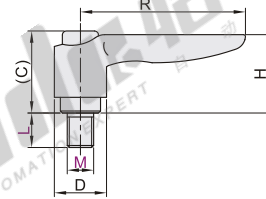


# Clamp Levers

- Flat Clamp Levers/Clamp Levers with Washers
- Clamp Levers with Pad /Clamp Levers with SR Tip

## Flat Clamp Levers

| Code  | Type              | Lever    |                   | Screw    |                   |
|-------|-------------------|----------|-------------------|----------|-------------------|
|       |                   | Material | Surface Treatment | Material | Surface Treatment |
| HAD81 | Flat Clamp Levers | ZDC      | Powder Coating    | S45C     | Black Oxide       |
| HAD82 |                   |          |                   | SUS303   | —                 |

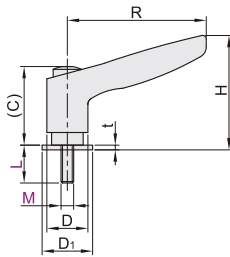


The first perspective

| Part Number    |   | L              | Lever Color    | R  | C    | D  | H  | Reference Weight (kg/pcs) |
|----------------|---|----------------|----------------|----|------|----|----|---------------------------|
| Code           | M |                |                |    |      |    |    |                           |
| HAD81<br>HAD82 | 4 | 12 16 20 25    | E(Black)       | 45 | 25.5 | 13 | 25 | 0.033                     |
|                | 5 | 12 16 20 25 32 | J(Orange)      |    |      |    |    | 0.034                     |
|                | 6 | 12 16 20 25 32 | Y(Silver Gray) |    |      |    |    | 0.040                     |

## Clamp Levers with Washers

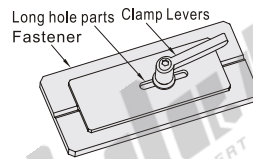
| Code  | Type                      | Lever    |                    | Screw    |                    | Washer   |                   |
|-------|---------------------------|----------|--------------------|----------|--------------------|----------|-------------------|
|       |                           | Material | Surface Treatment  | Material | Surface Treatment  | Material | Surface Treatment |
| HAD86 | Clamp Levers with Washers | ZDC      | Baked Paint Finish | 1215MS   | Zinc-plated(Black) | SUS304   | —                 |



EX

Example

- Suitable for fastening of long holes parts



**Precautions for use**  
Before tightening the handle, as shown in Figure 1, make sure the flat washer located at the neck processing part. As shown in Figure 2, tightening with the flat washer stuck on the thread may cause the flat washer to deform.



Figure 1

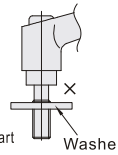
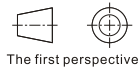


Figure 2



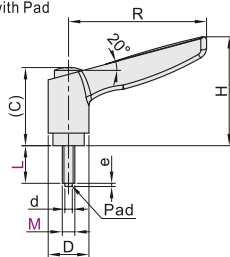
The first perspective

| Part Number |    | L              | Lever Color | R    | C    | D    | H    | D1 | t   | Max. Load (N) | Max. Tightening Force (KN) | Reference Weight (kg/pcs) |
|-------------|----|----------------|-------------|------|------|------|------|----|-----|---------------|----------------------------|---------------------------|
| Code        | M  |                |             |      |      |      |      |    |     |               |                            |                           |
| HAD86       | 6  | 12 16 20 25 32 | E(Black)    | 45   | 25.8 | 13   | 40   | 16 | 1.5 | 95            | 3.6                        | 0.039                     |
|             | 8  | 16 20 25 32 40 |             | 63.5 | 32.3 | 17.5 | 50.5 | 22 | 2   | 171           | 6.8                        | 0.090                     |
|             | 10 | 20 25 32 40 50 |             | 78.5 | 37.6 | 21   | 60.5 | 28 | 2.5 | 221           | 10.8                       | 0.182                     |
|             | 12 | 25 32 40 50    |             | 93   | 45.6 | 24   | 74.5 | 35 | 3   | 277           | 16.1                       | 0.227                     |

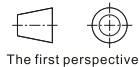
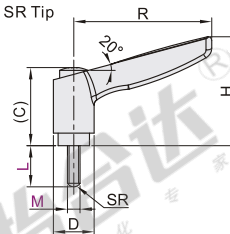
## Clamp Levers with Pad /Clamp Levers with SR Tip

| Code  | Type                     | Main body |                   | Screw    |                   | Stopper    |
|-------|--------------------------|-----------|-------------------|----------|-------------------|------------|
|       |                          | Material  | Surface Treatment | Material | Surface Treatment | Material   |
| HAD91 | Clamp Levers with Pad    | ZDC       | —                 | SUS303   | —                 | POM(White) |
| HAD96 | Clamp Levers with SR Tip |           |                   | 1215MS   |                   | —          |

Clamp Levers with Pad  
HAD91



Clamp Levers with SR Tip  
HAD96



The first perspective

| Part Number    |    | L              | Lever Color                                            | R  | (C)  | D  | H  | d | SR | e | Max. Load (N) | Max. Tightening Force (KN) | Reference Weight (kg/pcs) |
|----------------|----|----------------|--------------------------------------------------------|----|------|----|----|---|----|---|---------------|----------------------------|---------------------------|
| Code           | M  |                |                                                        |    |      |    |    |   |    |   |               |                            |                           |
| HAD91<br>HAD96 | 5  | 12 16 20 25 32 | E(Black)                                               | 45 | 25.8 | 13 | 35 | 3 | 5  | 1 | 74            | 3.3                        | 0.034                     |
|                | 6  |                | J(Orange)                                              |    |      |    |    | 4 | 6  | 1 | 126           | 4.7                        | 0.040                     |
|                | 8  |                | Y(Silver Gray)                                         |    |      |    |    | 6 | 8  | 2 | 217           | 8.6                        | 0.070                     |
|                | 10 |                | L(Chrome Plating)<br>T(Satin Nickel)<br>Chrome Plating |    |      |    |    | 8 | 10 | 2 | 347           | 13.6                       | 0.152                     |

## Clamp Levers with Pad /Clamp Levers with SR Tip

| Part Number |   | L              | Lever Color |
|-------------|---|----------------|-------------|
| Code        | M |                |             |
| HAD91       | 6 | 12 16 20 25 32 | E           |
| HAD96       | 8 | 16 20 25 32 40 |             |

HAD91—M6—L20—E



Please order as shown



| Discount price |                           |
|----------------|---------------------------|
| Per            | 1~9 10~                   |
| Price          | 100% Additional quotation |



| Delivery |  |
|----------|--|
| 2        |  |