

# Grub Screw Sets / Clamp Plates / Shims for Clamp Plates

## Rubber Pads, Flanged

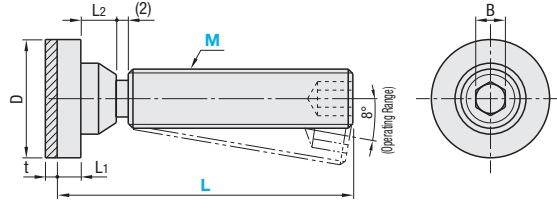
■ **Features:** The rubber-baked pad prevents the clamped workpieces from being damaged.

### Grub Screw Sets - Rubber Pads



RoHS 10

| Type | Screw      |            |                     | Pad        |                     | Pad End Face |
|------|------------|------------|---------------------|------------|---------------------|--------------|
|      | M Material | H Hardness | S Surface Treatment | M Material | S Surface Treatment | M Material   |
| SGKG | SCM435     | 45HRC~     | Black Oxide         | SS400      | Black Oxide         | NBR          |



⚠ The coatings peeled off at swaging are retouched with repair sprays.

| Part Number Type | M (Coarse) | L Selection | D  | t | L1 | L2 | B | Unit Price |          |       |
|------------------|------------|-------------|----|---|----|----|---|------------|----------|-------|
|                  |            |             |    |   |    |    |   | L=30, 40   | L=50, 60 | L=80~ |
| SGKG             | 4          | 30          | 12 | 2 | 3  | 5  | 2 | -          | -        | -     |
|                  | 6          | 30 40 50    | 12 |   |    | 3  | 3 | -          | -        | -     |
|                  | 8          | 40 50 60    | 16 |   |    | 4  | - | -          | -        |       |
|                  | 10         | 50 80       | 20 |   | 4  | 6  | 5 | -          | -        | -     |
|                  | 12         | 100         | 24 |   |    | 8  | 6 | -          | -        | -     |
|                  | 16         | 125         | 30 |   |    | 11 | 8 | -          | -        | -     |

Ordering Example Part Number - L  
SGKG8 - 60

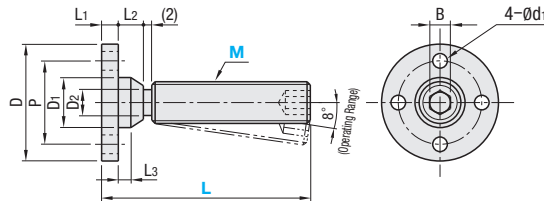
■ **Features:** Optional attachments can be mounted using through holes on the pad.

### Grub Screw Sets - Flanged Type



RoHS 10

| Type | Screw      |            |                     | Pad        |                     |
|------|------------|------------|---------------------|------------|---------------------|
|      | M Material | H Hardness | S Surface Treatment | M Material | S Surface Treatment |
| SGKA | SCM435     | 45HRC~     | Black Oxide         | SS400      | Black Oxide         |



⚠ The coatings peeled off at swaging are retouched with repair sprays.

| Part Number Type | M (Coarse) | L Selection | D  | P  | D1 | D2   | L1 | L2 | L3 | d1  | B   | Unit Price |          |       |
|------------------|------------|-------------|----|----|----|------|----|----|----|-----|-----|------------|----------|-------|
|                  |            |             |    |    |    |      |    |    |    |     |     | L=30, 40   | L=50, 60 | L=80~ |
| SGKA             | 4          | 30          | 20 | 14 | 7  | 2.2  | 3  | 5  | 2  | 3.5 | 2   | -          | -        |       |
|                  | 6          | 30 40 50    | 20 | 14 | 7  | 3.2  |    |    |    |     | 3   | -          | -        |       |
|                  | 8          | 40 50 60    | 22 | 16 | 9  | 5.2  |    |    |    |     | 4   | -          | -        |       |
|                  | 10         | 50 80       | 28 | 20 | 12 | 6.2  |    | 4  | 6  | 3   | 5   | -          | -        |       |
|                  | 12         | 100         | 30 | 22 | 14 | 8.1  |    |    | 8  | 5   | 6   | -          | -        |       |
|                  | 16         | 125         | 37 | 28 | 18 | 11.0 |    |    | 11 | 7   | 5.5 | 8          | -        | -     |

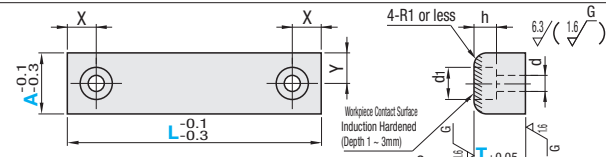
Ordering Example Part Number - L  
SGKA12 - 100

### Clamp Plates



RoHS 10

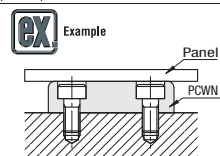
| Type | M Material | H Hardness                      |
|------|------------|---------------------------------|
| PCWN | S45C       | -                               |
| PCW  | Equivalent | 40 ~ 45HRC (Induction Hardened) |
| PCWJ | Polycetal  | -                               |



⚠ No R1 for PCWJ (Polycetal).  
⚠ Induction hardening is applicable to PCW only.

⚠ 1.6 for 1/5 of PCWJ.

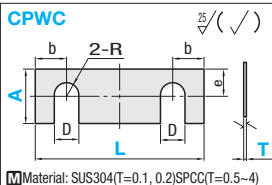
| Part Number Type    | A  | T Selection | L Selection | X    | Y   | d   | d1 | h  | Unit Price |     |      |
|---------------------|----|-------------|-------------|------|-----|-----|----|----|------------|-----|------|
|                     |    |             |             |      |     |     |    |    | PCWN       | PCW | PCWJ |
| PCWN<br>PCW<br>PCWJ | 12 | 12          | 30          | 7    | 6   | 4.5 | 8  | 5  | -          | -   | -    |
|                     | 15 |             |             | 9    | 7.5 | 6.6 | 11 | 7  | -          | -   | -    |
|                     | 16 |             |             | 8    | -   | -   | -  | -  | -          |     |      |
|                     | 19 |             | 50          | 11   | 9.5 | 9   | 14 | 9  | -          | -   | -    |
|                     | 25 |             |             | 12.5 | -   | -   | -  | -  | -          |     |      |
|                     | 30 |             |             | 15   | -   | -   | -  | -  | -          |     |      |
|                     | 40 |             | 75          | 13   | 20  | 11  | 18 | 11 | -          | -   | -    |
|                     | 50 |             |             | 25   | -   | -   | -  | -  | -          |     |      |



### Shims for Clamp Plates



RoHS 10



Ⓜ Material: SUS304(T=0.1, 0.2)SPCC(T=0.5~4)

| Part Number Type | A  | T Selection                          | L Selection  | D         | b  | e   | Unit Price |      |      |    |    |
|------------------|----|--------------------------------------|--------------|-----------|----|-----|------------|------|------|----|----|
|                  |    |                                      |              |           |    |     | T0.1       | T0.2 | T0.5 | T1 | T2 |
| CPWC             | 12 | 0.1 0.2 (SUS304)<br>0.5 1 2 4 (SPCC) | 30 50 75 100 | 5         | 7  | 6   | -          | -    | -    | -  | -  |
|                  | 15 |                                      |              | 7         | 9  | 7.5 | -          | -    | -    | -  |    |
|                  | 16 |                                      |              | 8         | -  | -   | -          | -    | -    |    |    |
|                  | 19 |                                      |              | 10        | 11 | 9.5 | -          | -    | -    |    |    |
|                  | 25 |                                      |              | 50 75 100 | 12 | 13  | 12.5       | -    | -    | -  | -  |
|                  | 30 |                                      |              |           |    |     | 15         | -    | -    | -  |    |
|                  | 40 |                                      | 20           |           |    |     | -          | -    | -    |    |    |
|                  | 50 |                                      | 25           |           |    |     | -          | -    | -    |    |    |

Ordering Example Part Number - T - L  
PCWN50 - 20 - 100  
CPWC50 - 2 - 75