

● Material/Finish



| | SNSLG-UCL |
|-----------|-------------------------|
| Main Body | SUS316L USC Cleaning |

● Application

Space-saving/lightweight
FPD production equipment / Semiconductor manufacturing equipment / Equipment and device structures / General industrial machines / Medical equipment / Food machinery

● Magnetic Permeability Comparison

| Part Number / Material | Magnetic Permeability |
|--------------------------|-----------------------|
| SNSLG-UCL SUS316L | 1.008 |
| SNSL-UCL SUS316L | 1.006 |
| SUSXM7 | 1.4 |

- Values in chart are for reference only. They are not guaranteed values.
- The values are for material before treatment.

● Mechanical Properties

| Part Number / Strength Class | Property | | |
|------------------------------|---|--|-----------------|
| | Tensile Strength (N / mm ²) | 0.2% Proof Load (N / mm ²) | Elongation (mm) |
| SNSLG-UCL *1 | 1000 | 800 | 0.3d |
| A2-70/A4-70*2 | 700 | 450 | 0.4d |
| A2-50/A4-50*2 | 500 | 210 | 0.6d |

*1 : In-house specification value. Confirmed with test pieces from each production lot.

*2 : Specification value from JIS B 1054 - 1:2013 (ISO 3506 - 1:2009) "Mechanical properties of corrosion-resistant stainless steel fasteners- Part 1: Bolts, screws and studs".

- Values in chart are for reference only. They are not guaranteed values.
- The values are for material before treatment.

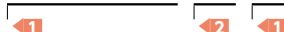
Unit : mm

| Part Number | M (Coarse) | | L | | | | | | | | D1 | L1 | B | Mass (g) | Qty per Pack |
|---------------------|-------------------|-------|---|---|----|----|----|----|----|----|-----|----|-----|------------|--------------|
| | Nominal of Thread | Pitch | | | | | | | | | | | | | |
| SNSLG-M3-UCL | M3 | 0.5 | 6 | 8 | 10 | 12 | 15 | 20 | 25 | | 5.5 | 3 | 2.5 | 0.71 - 1.6 | 10 |
| SNSLG-M4-UCL | M4 | 0.7 | | 8 | 10 | 12 | 15 | 20 | 25 | | 7 | 4 | 3 | 1.6 - 3.2 | 10 |
| SNSLG-M5-UCL | M5 | 0.8 | | | 10 | 12 | 15 | 20 | 25 | 30 | 8.5 | 5 | 4 | 2.7 - 5.6 | 10 |
| SNSLG-M6-UCL | M6 | 1 | | | | 12 | 15 | 20 | 25 | 30 | 10 | 6 | 5 | 5.1 - 8.3 | 10 |

- When purchasing less volume than one full bag, a separate handling fee is charged. For details, see the Sold Separately Service.

● Part Number Specification

SNSLG-M5-25-UCL



- High intensity stainless steel hex socket head cap screws.
- Tensile strength 1000 N/mm², 0.2% proof load 800 N/mm²
- The proof load is approximately 1.8 times that of general stainless steel hex socket head cap screws. Therefore, smaller screw diameters and reduced quantities are available to save space and reduce weight.
- Made of SUS316L. It has excellent corrosion resistance.
- Non-magnetic.
- Cleanroom washed (ultrasonic cleaning) and cleanroom packaged.
- Complies with JIS B 1176, ISO 4762, and DIN 912. For details on shape and dimensions, please refer to the "Technical Information (JIS B 1176, ISO 4762)".

| | | | | |
|---------------------------|-----------------------------|--------------------------|---------------------|--------------------------------------|
| 1 Individual Sales | Cleanroom Wash & Packaging | Screw Length Adjustment | Vibration Resistant | Modification process for captive use |
| Available / Add'l charge | Cleanroom washed and packed | Available / Add'l charge | Not Available | Please feel free to contact us |