

## ● VU シリーズ (ユニバーサル)

### □ 特長

- ✓ 平板、または、なだらかな曲面のワークの移送
- ✓ 少し窪んでいるワークの移送
- ✓ 表面の滑らかな、または少し曲がっているワークの移送



### ▶ アプリケーション

- ・ 小型部品、半導体チップ、包装材、ダンボール、板金



### 品番表示

**VU40      N      M      18F -      EV**  
 ①            ②            ③            ④            ⑤

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--|--------|--------|-----|-----------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|------|--------|----------|------|------|----------------------------------------|-----|------|-----|------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|-------|--------|-------|------|-------|------|-------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--|-----|-------|---|--------|----|---------|----|----------|----|-----------|---|--------|---|---------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--|-------|----------------------|-----|------------------------------------------|-----|--------------------|-----|-------------------------|-----|--------------------|--------|-------------------------------------|----------|-------------------------------------|-------|---------------------------------------------|-------|--------------------|
| ①        | <table><tr><td colspan="2">パッド径</td></tr><tr><td>VU1.5X</td><td>- Ø1.5</td></tr><tr><td>VU2</td><td>- Ø2</td></tr><tr><td>VU2X</td><td>- Ø2</td></tr><tr><td>VU3</td><td>- Ø3</td></tr><tr><td>VU3K</td><td>- Ø3.5</td></tr><tr><td>VU4</td><td>- Ø4</td></tr><tr><td>VU4X</td><td>- Ø4</td></tr><tr><td>VU6</td><td>- Ø6</td></tr><tr><td>VU8</td><td>- Ø8</td></tr><tr><td>VU10</td><td>- Ø10</td></tr><tr><td>VU15</td><td>- Ø15</td></tr><tr><td>VU20</td><td>- Ø20</td></tr><tr><td>VU25</td><td>- Ø25</td></tr><tr><td>VU30</td><td>- Ø30</td></tr><tr><td>VU30K</td><td>- Ø30</td></tr><tr><td>• VU40</td><td>- Ø40</td></tr><tr><td>VU50</td><td>- Ø50</td></tr><tr><td>VU80</td><td>- Ø80</td></tr></table> | パッド径 |  | VU1.5X | - Ø1.5 | VU2 | - Ø2                                    | VU2X | - Ø2                                                                                                                                                                                             | VU3      | - Ø3 | VU3K | - Ø3.5 | VU4      | - Ø4 | VU4X | - Ø4                                   | VU6 | - Ø6 | VU8 | - Ø8 | VU10 | - Ø10 | VU15 | - Ø15 | VU20 | - Ø20 | VU25 | - Ø25 | VU30 | - Ø30 | VU30K | - Ø30 | • VU40 | - Ø40 | VU50 | - Ø50 | VU80 | - Ø80 | ② | <table><tr><td colspan="2">材質</td></tr><tr><td>• N</td><td>- NBR</td></tr><tr><td>S</td><td>- シリコン</td></tr><tr><td>WS</td><td>- 白シリコン</td></tr><tr><td>HS</td><td>- 耐熱シリコン</td></tr><tr><td>CS</td><td>- 導電性特殊材料</td></tr><tr><td>U</td><td>- ウレタン</td></tr><tr><td>A</td><td>- 吸着痕防止</td></tr></table> | 材質 |  | • N | - NBR | S | - シリコン | WS | - 白シリコン | HS | - 耐熱シリコン | CS | - 導電性特殊材料 | U | - ウレタン | A | - 吸着痕防止 | ④ | <table><tr><td colspan="2">ネジ径</td></tr><tr><td>M2.5M</td><td>- M2.5 オネジ (VU2、VU3)</td></tr><tr><td>M5M</td><td>- M5 オネジ (VU2、VU3、VU4、VU6、VU8、VU10、VU15)</td></tr><tr><td>18M</td><td>- G1/8" オネジ (VU40)</td></tr><tr><td>14M</td><td>- G1/4" オネジ (VU40、VU50)</td></tr><tr><td>38M</td><td>- G3/8" オネジ (VU50)</td></tr><tr><td>M518MF</td><td>- M5 メネジ・G1/8" オネジ (VU20、VU25、VU30)</td></tr><tr><td>M518MFX*</td><td>- M5 メネジ・G1/8" オネジ (VU20、VU25、VU30)</td></tr><tr><td>• 18F</td><td>- G1/8" メネジ (VU20、VU25、VU30、VU40、VU50、VU80)</td></tr><tr><td>18FX*</td><td>- G1/8" メネジ (VU40)</td></tr></table> <p>*シリコン専用</p> | ネジ径 |  | M2.5M | - M2.5 オネジ (VU2、VU3) | M5M | - M5 オネジ (VU2、VU3、VU4、VU6、VU8、VU10、VU15) | 18M | - G1/8" オネジ (VU40) | 14M | - G1/4" オネジ (VU40、VU50) | 38M | - G3/8" オネジ (VU50) | M518MF | - M5 メネジ・G1/8" オネジ (VU20、VU25、VU30) | M518MFX* | - M5 メネジ・G1/8" オネジ (VU20、VU25、VU30) | • 18F | - G1/8" メネジ (VU20、VU25、VU30、VU40、VU50、VU80) | 18FX* | - G1/8" メネジ (VU40) |
| パッド径     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| VU1.5X   | - Ø1.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| VU2      | - Ø2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| VU2X     | - Ø2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| VU3      | - Ø3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| VU3K     | - Ø3.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| VU4      | - Ø4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| VU4X     | - Ø4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| VU6      | - Ø6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| VU8      | - Ø8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| VU10     | - Ø10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| VU15     | - Ø15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| VU20     | - Ø20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| VU25     | - Ø25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| VU30     | - Ø30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| VU30K    | - Ø30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| • VU40   | - Ø40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| VU50     | - Ø50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| VU80     | - Ø80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| 材質       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| • N      | - NBR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| S        | - シリコン                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| WS       | - 白シリコン                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| HS       | - 耐熱シリコン                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| CS       | - 導電性特殊材料                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| U        | - ウレタン                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| A        | - 吸着痕防止                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| ネジ径      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| M2.5M    | - M2.5 オネジ (VU2、VU3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| M5M      | - M5 オネジ (VU2、VU3、VU4、VU6、VU8、VU10、VU15)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| 18M      | - G1/8" オネジ (VU40)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| 14M      | - G1/4" オネジ (VU40、VU50)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| 38M      | - G3/8" オネジ (VU50)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| M518MF   | - M5 メネジ・G1/8" オネジ (VU20、VU25、VU30)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| M518MFX* | - M5 メネジ・G1/8" オネジ (VU20、VU25、VU30)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| • 18F    | - G1/8" メネジ (VU20、VU25、VU30、VU40、VU50、VU80)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| 18FX*    | - G1/8" メネジ (VU40)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| ③        | <table><tr><td colspan="2">フィルタ</td></tr><tr><td>無記号</td><td>- 基本形</td></tr><tr><td>• M</td><td>- メッシュフィルタ内蔵 (VU20、VU25、VU30、VU40、VU50)</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | フィルタ |  | 無記号    | - 基本形  | • M | - メッシュフィルタ内蔵 (VU20、VU25、VU30、VU40、VU50) | ⑤    | <table><tr><td colspan="2">バルブ : EV</td></tr><tr><td>無記号</td><td>- 基本形</td></tr><tr><td>真空効率化バルブ</td><td></td></tr><tr><td>• EV</td><td>- (VU10、VU15、VU20、VU25、VU30、VU40、VU50)</td></tr></table> | バルブ : EV |      | 無記号  | - 基本形  | 真空効率化バルブ |      | • EV | - (VU10、VU15、VU20、VU25、VU30、VU40、VU50) |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| フィルタ     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| 無記号      | - 基本形                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| • M      | - メッシュフィルタ内蔵 (VU20、VU25、VU30、VU40、VU50)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| バルブ : EV |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| 無記号      | - 基本形                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| 真空効率化バルブ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |
| • EV     | - (VU10、VU15、VU20、VU25、VU30、VU40、VU50)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |  |        |        |     |                                         |      |                                                                                                                                                                                                  |          |      |      |        |          |      |      |                                        |     |      |     |      |      |       |      |       |      |       |      |       |      |       |       |       |        |       |      |       |      |       |   |                                                                                                                                                                                                                                                                                                          |    |  |     |       |   |        |    |         |    |          |    |           |   |        |   |         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |  |       |                      |     |                                          |     |                    |     |                         |     |                    |        |                                     |          |                                     |       |                                             |       |                    |

## アクセサリ品番

| レベルスプリング (165 ページ参照)            |            | ボールジョイント (180 ページ参照) |
|---------------------------------|------------|----------------------|
| 品番                              | ストローク (mm) |                      |
| L506TX、L506TS、L506TU、L506TM     | 6          | —                    |
| L508FW、L508W                    | 8          |                      |
| L510LTX、L510LTS、L510LTU、L510LTM | 10         |                      |
| L507T、L507TN                    | 7          |                      |
| L515T                           | 15         |                      |
| L510、L510T                      | 10         |                      |
| L520、L520T、L520TF               | 20         |                      |
| L1805F                          | 5          |                      |
| L525TXN、L525TSN、L525TUN、L525TMN | 25         |                      |
| L1805M                          | 5          | BJ 18                |
| L1808W                          | 8          |                      |
| L1810T、L1810TS、L1810TSE         | 10         |                      |
| L1815、L1815T                    | 15         |                      |
| L1820T、L1820TS                  | 20         |                      |
| L1820TN *                       | 20         |                      |
| L1830、L1830T、L1830TS            | 30         |                      |
| L1850、L1850T、L1850TN *          | 50         |                      |

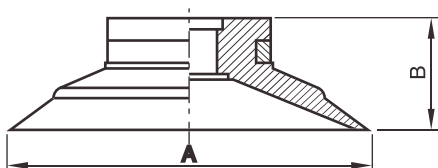
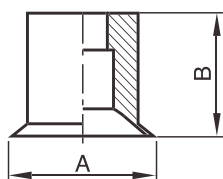
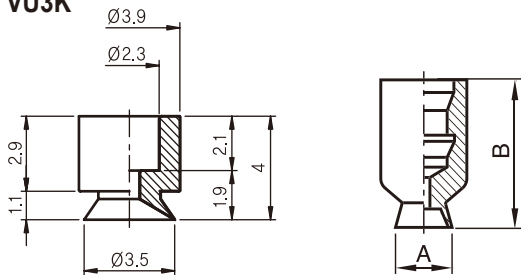
\* ボールジョイントと (BJ) 同時使用不可

## 真空度別 最大搬送力

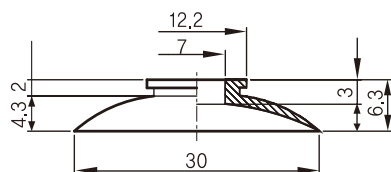
| 品番     | パッド容積<br>(cm <sup>3</sup> ) | 垂直搬送力 (kg) |         |         | 水平搬送力 (kg) |         |         |
|--------|-----------------------------|------------|---------|---------|------------|---------|---------|
|        |                             | -20 kPa    | -60 kPa | -90 kPa | -20 kPa    | -60 kPa | -90 kPa |
| VU1.5X | 0.0015                      | 0.0008     | 0.003   | 0.004   |            |         |         |
| VU2    | 0.0025                      | 0.003      | 0.01    | 0.015   |            |         |         |
| VU2X   | 0.0025                      | 0.003      | 0.01    | 0.015   |            |         |         |
| VU3    | 0.005                       | 0.009      | 0.04    | 0.06    |            |         |         |
| VU3K   | 0.018                       | 0.014      | 0.06    | 0.09    |            |         |         |
| VU4    | 0.03                        | 0.02       | 0.09    | 0.13    | 0.02       | 0.08    | 0.1     |
| VU4X   | 0.03                        | 0.02       | 0.09    | 0.13    | 0.02       | 0.08    | 0.1     |
| VU6    | 0.05                        | 0.05       | 0.17    | 0.25    | 0.03       | 0.15    | 0.2     |
| VU8    | 0.1                         | 0.1        | 0.29    | 0.39    | 0.1        | 0.29    | 0.34    |
| VU10   | 0.18                        | 0.15       | 0.44    | 0.7     | 0.15       | 0.44    | 0.5     |
| VU15   | 0.5                         | 0.35       | 0.85    | 1.12    | 0.35       | 0.55    | 0.6     |
| VU20   | 1                           | 0.6        | 1.22    | 1.63    | 0.6        | 0.89    | 1       |
| VU25   | 1.5                         | 0.91       | 1.98    | 2.5     | 0.7        | 0.95    | 1.05    |
| VU30   | 2                           | 1.22       | 2.55    | 3.06    | 0.79       | 1       | 1.12    |
| VU30K  | 1.8                         | 0.65       | 1.48    | 1.78    |            |         |         |
| VU40   | 5.5                         | 2.04       | 3.97    | 5       | 1.42       | 2.24    | 2.8     |
| VU50   | 12                          | 3.57       | 7.44    | 9.38    | 2.04       | 3.77    | 4.48    |
| VU80   | 32                          | 7.77       | 19.8    | 25.21   | 4.53       | 12.7    | 16.94   |

## 寸法

VU3K



VU30K



◀ VU1.5X, VU2X, VU4X

[mm]

| 品番     | A   | B  |
|--------|-----|----|
| VU1.5X | 1.9 | 12 |
| VU2X   | 2.6 | 12 |
| VU4X   | 4.6 | 12 |

◀ VU2, 3, 4, 6, 8, 10, 15

[mm]

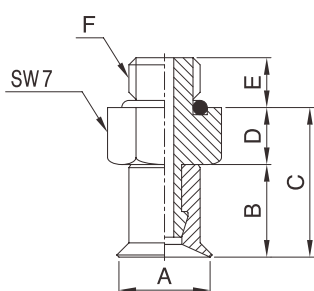
| 品番   | A    | B    |
|------|------|------|
| VU2  | 2.6  | 3.5  |
| VU3  | 3.8  | 4.5  |
| VU4  | 5    | 6.1  |
| VU6  | 7    | 6.5  |
| VU8  | 9    | 7    |
| VU10 | 11   | 10.5 |
| VU15 | 16.5 | 11   |

◀ VU20, 30, 40, 50

[mm]

| 品番    | A  | B    |
|-------|----|------|
| VU20  | 22 | 8    |
| VU25  | 27 | 9    |
| VU30  | 32 | 9.5  |
| VU30K | 30 | 6.3  |
| VU40  | 42 | 13   |
| VU50  | 53 | 17.5 |

寸法



◀ オネジ

[mm]

| 品番            | A    | B    | C     | D       | E     | F       |
|---------------|------|------|-------|---------|-------|---------|
| VU2-M2.5M・M5M | 2.6  | 3.5  | 6/8.1 | 2.5/4.6 | 3/4.2 | M2.5・M5 |
| VU3-M2.5M・M5M | 3.8  | 4.5  | 7/9.1 | 2.5/4.6 | 3/4.2 | M2.5・M5 |
| VU4-M5M       | 5    | 6.1  | 10.1  | 4       | 3.5   | M5      |
| VU6-M5M       | 7    | 6.5  | 10.5  | 4       | 3.5   | M5      |
| VU8-M5M       | 9    | 7    | 11    | 4       | 3.5   | M5      |
| VU10-M5M      | 11   | 10.5 | 15.5  | 5       | 3.5   | M5      |
| VU15-M5M      | 16.5 | 11.5 | 16    | 5       | 3.5   | M5      |

◀ オネジ

[mm]

| 品番             | A  | C    | D   | E  | F  | G     | I    |
|----------------|----|------|-----|----|----|-------|------|
| VU20-M518MF    | 22 | 9.5  | 1.5 | 6  | M5 | G1/8" | SW12 |
| VU20-M518MFX * | 22 | 11   | 3   | 7  | M5 | G1/8" | SW16 |
| VU25-M518MF    | 27 | 10.5 | 1.5 | 6  | M5 | G1/8" | SW12 |
| VU25-M518MFX * | 27 | 12   | 3   | 7  | M5 | G1/8" | SW16 |
| VU30-M518MF    | 32 | 11   | 1.5 | 6  | M5 | G1/8" | SW12 |
| VU30-M518MFX * | 32 | 12.5 | 3   | 7  | M5 | G1/8" | SW16 |
| VU40-18M       | 42 | 18   | 5   | 7  | -  | G1/8" | SW17 |
| VU40-14M       | 42 | 19   | 6   | 9  | -  | G1/4" | SW17 |
| VU50-14M       | 53 | 23.5 | 6   | 9  | -  | G1/4" | SW24 |
| VU50-38M       | 53 | 23.5 | 6   | 10 | -  | G3/8" | SW24 |

\*シリコン専用

◀ メネジ

[mm]

| 品番          | A  | C    | D | G     | I    |
|-------------|----|------|---|-------|------|
| VU20-18F    | 22 | 16   | 8 | G1/8" | SW15 |
| VU25-18F    | 27 | 17   | 8 | G1/8" | SW15 |
| VU30-18F    | 32 | 17.5 | 8 | G1/8" | SW15 |
| VU40-18F    | 42 | 21   | 8 | G1/8" | SW17 |
| VU40-18FX * | 42 | 22   | 9 | G1/8" | SW21 |
| VU50-18F    | 53 | 26.5 | 9 | G1/8" | SW24 |
| VU80-18F    | 78 | 21.5 | - | G1/8" | SW19 |
| VU80-8      | 78 | 21.5 | - | Ø8    | SW19 |

\*シリコン専用

