

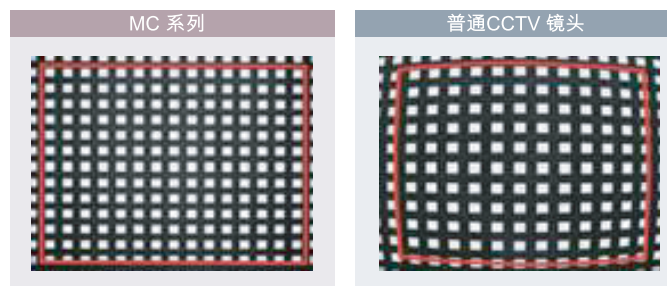
## VS-MC 系列

### 耐振性低失真微距镜头

LD系列是用于近距离摄影的低失真微距镜头。备有焦距距离  $f=4\text{mm} \sim f=75\text{mm}$  之间的10个机种。从低倍广角低失真型镜头到长工作距离型镜头皆可应需要进行选择。本系列的最大特征是镜筒的旋转延长量大,可大范围地调整倍率与工作距离。在光学设计上适用于百万像素相机,并在近距离摄影时最大限度地减轻了失真现象,实现高对比度图像输入。此系列非常适用于图像检查,测量,文字认识与高精度图像输入等项目。



### 适用于百万像素相机的高解析度



VS-MC45有不同F数值版本以供选择: **全开(标准)**, **F5.6** 或 **F8**

### 大幅增强了耐振性能

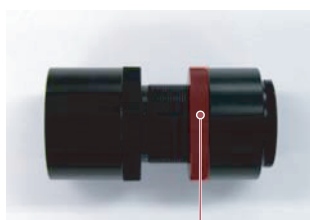
MC系列的景象锁定系统,是由传统的固定螺丝改变到表面固定环。此外,内部机械性能是针对高级耐振而设。MC系列比传统CCTV镜头更能抵受强烈震动。

一般CCTV 镜头



固定点范围狭窄

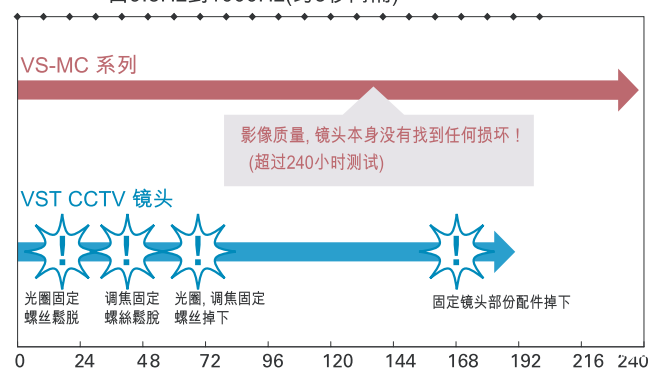
MC 系列



大范围表面固定

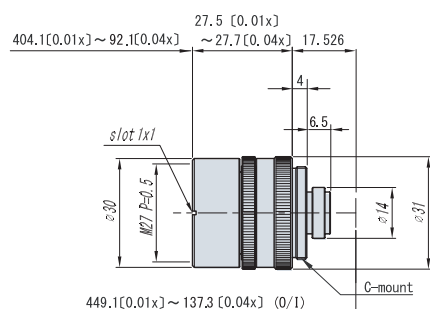
### 在高速震动机器测试结果

条件: 加速度 =  $57.7\text{m/s}^2$  ( $1\text{G}=9.8\text{m/s}^2$ )  
由9.8Hz到1000Hz(约3秒间隔)

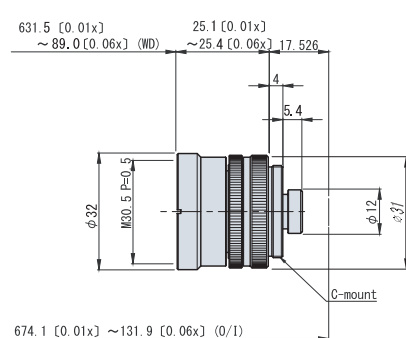


\* 测试环境是以破坏为的在非常严酷的试验条件下所取得的结果。

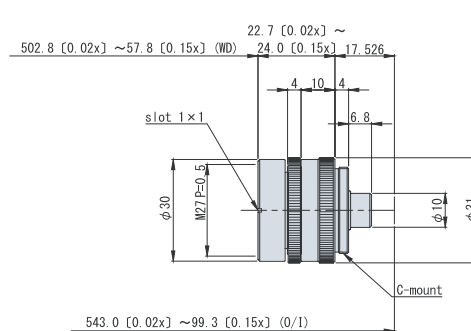
### VS-MC4 (标准) VS-MC4-FNO5.6 VS-MC4-FNO8



### VS-MC6.5 (标准) VS-MC6.5-FNO5.6 VS-MC6.5-FNO8



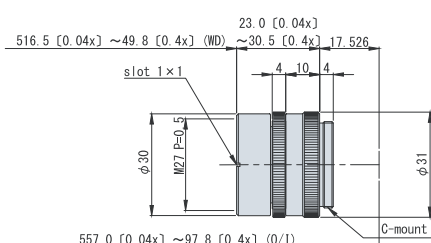
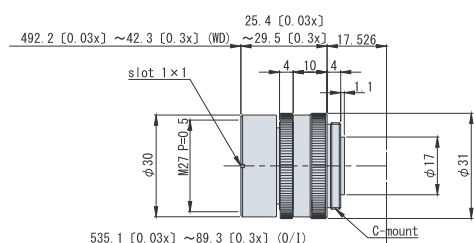
### VS-MC10 (标准) VS-MC10-FNO5.6 VS-MC10-FNO8



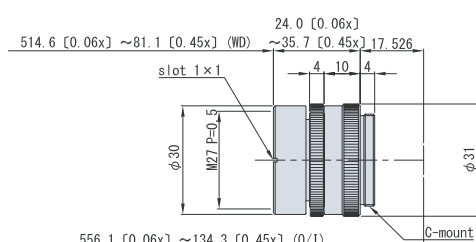
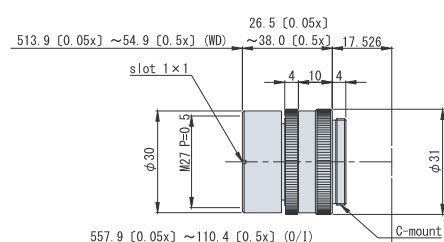
| 规格            | VS-MC4       |      |      |             |      |      |             |      |      | VS-MC6.5     |      |      |             |       |       |            |       |       | VS-MC10      |        |        |           |      |      |           |      |      |
|---------------|--------------|------|------|-------------|------|------|-------------|------|------|--------------|------|------|-------------|-------|-------|------------|-------|-------|--------------|--------|--------|-----------|------|------|-----------|------|------|
|               | MC4-FNO5.6   |      |      | MC4-FNO8    |      |      |             |      |      | MC6.5-FNO5.6 |      |      | MC6.5-FNO8  |       |       |            |       |       | MC10-FNO5.6  |        |        | MC10-FNO8 |      |      |           |      |      |
| 焦距距离(f) mm    | 4            |      |      |             |      |      |             |      |      | 6.5          |      |      |             |       |       |            |       |       | 10           |        |        |           |      |      |           |      |      |
| 变倍范围          | 0.01x~0.04x  |      |      |             |      |      |             |      |      | 0.01x~0.06x  |      |      |             |       |       |            |       |       | 0.02x~0.15x  |        |        |           |      |      |           |      |      |
| 光学倍率          | 0.01x        |      |      | 0.02x       |      |      | 0.04x       |      |      | 0.01x        |      |      | 0.03x       |       |       | 0.06x      |       |       | 0.02x        |        |        | 0.1x      |      |      | 0.15x     |      |      |
| 视场2/3"(VxHmm) | -            |      |      | -           |      |      | -           |      |      | -            |      |      | -           |       |       | -          |       |       | -            |        |        | -         |      |      | -         |      |      |
| 视场1/2"(VxHmm) | 480.0x640.0  |      |      | 240.0x320.0 |      |      | 120.0x160.0 |      |      | 480.0x640.0  |      |      | 160.0x213.3 |       |       | 80.0x106.7 |       |       | 240.0x320.0  |        |        | 48.0x64.0 |      |      | 32.0x42.7 |      |      |
| 视场1/3"(VxHmm) | 360.0x480.0  |      |      | 180.0x240.0 |      |      | 90.0x120.0  |      |      | 360.0x480.0  |      |      | 120.0x160.0 |       |       | 60.0x80.0  |       |       | 180.0x240.0  |        |        | 36.0x48.0 |      |      | 24.0x32.0 |      |      |
| WD (mm)       | 404.1        |      |      | 196.1       |      |      | 92.1        |      |      | 631.5        |      |      | 197.5       |       |       | 89.0       |       |       | 502.8        |        |        | 92.0      |      |      | 57.8      |      |      |
| 物像间距离 O/I(mm) | 449.1        |      |      | 241.2       |      |      | 137.3       |      |      | 674.1        |      |      | 240.2       |       |       | 131.9      |       |       | 543.0        |        |        | 133.0     |      |      | 99.3      |      |      |
| 实效 F          | 2.10         | 5.66 | 8.08 | 2.12        | 5.71 | 8.16 | 2.16        | 5.82 | 8.32 | 2.28         | 5.66 | 8.08 | 2.33        | 5.77  | 8.24  | 2.39       | 5.94  | 8.48  | 2.23         | 5.71   | 8.16   | 2.42      | 6.16 | 8.80 | 2.53      | 6.44 | 9.20 |
| 景深(mm) *1     | 1680         | 4528 | 6464 | 424         | 1142 | 1632 | 108         | 291  | 416  | 1824         | 4528 | 6464 | 2071        | 512.9 | 732.4 | 53.1       | 132.0 | 188.4 | 448.8        | 1142.4 | 1632.0 | 19.4      | 49.3 | 70.4 | 9.0       | 22.9 | 32.7 |
| TV失真          | 0.95 %       |      |      | 0.94 %      |      |      | 0.92 %      |      |      | 0.11 %       |      |      | 0.06 %      |       |       | - 0.01 %   |       |       | 0.08 %       |        |        | -0.08 %   |      |      | -0.10 %   |      |      |
| 兼容CCD / 接口    | 1/2"以下 / C接口 |      |      |             |      |      |             |      |      | 1/2"以下 / C接口 |      |      |             |       |       |            |       |       | 1/2"以下 / C接口 |        |        |           |      |      |           |      |      |

\*1 容许错乱圆径φ0.04mm

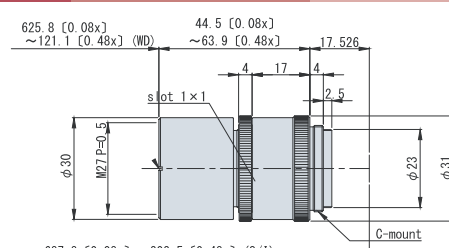
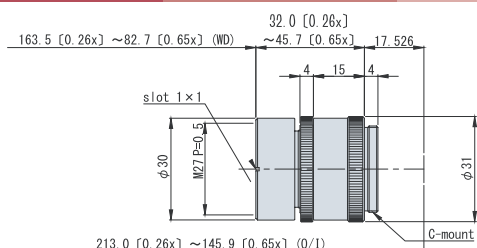
|                    |                       |                     |
|--------------------|-----------------------|---------------------|
| <b>VS-MC20(标准)</b> | <b>VS-MC20-FNO5.6</b> | <b>VS-MC20-FNO8</b> |
|--------------------|-----------------------|---------------------|



| VS-MC30 (标准) | VS-MC30-FNO5.6 | VS-MC30-FNO8 |
|--------------|----------------|--------------|
|--------------|----------------|--------------|



|                     |                       |                     |
|---------------------|-----------------------|---------------------|
| <b>VS-MC50 (标准)</b> | <b>VS-MC50-FNO5.6</b> | <b>VS-MC50-FNO8</b> |
|---------------------|-----------------------|---------------------|



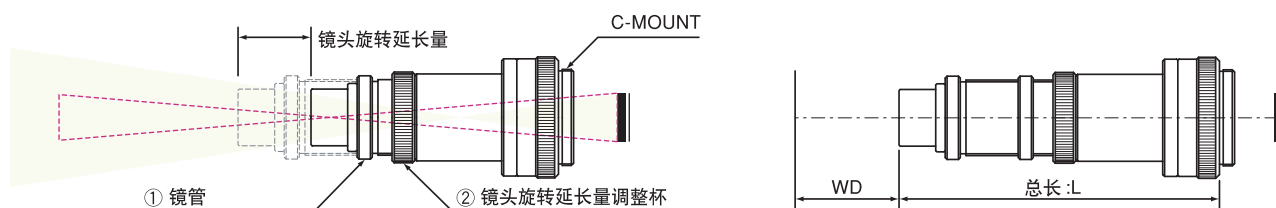
| 规格            | VS-MC15      |       |       |           |      |      |           |      |       |
|---------------|--------------|-------|-------|-----------|------|------|-----------|------|-------|
|               | MC15-FNO5.6  |       |       | MC15-FNO8 |      |      |           |      |       |
| 焦距距离(f) mm    | 15           |       |       |           |      |      |           |      |       |
| 变焦范围          | 0.03x~0.3x   |       |       |           |      |      |           |      |       |
| 光学倍率          | 0.03x        |       |       | 0.2x      |      |      | 0.3x      |      |       |
| 视场2/3'(VxHmm) | 220.0x293.3  |       |       | 33.0x44.0 |      |      | 22.0x29.3 |      |       |
| 视场1/2'(VxHmm) | 160.0x213.3  |       |       | 24.0x32.0 |      |      | 16.0x21.3 |      |       |
| 视场1/3'(VxHmm) | 120.0x160.0  |       |       | 18.0x24.0 |      |      | 12.0x16.0 |      |       |
| WD (mm)       | 492.2        |       |       | 67.3      |      |      | 42.3      |      |       |
| 物像间距离 O/I(mm) | 535.1        |       |       | 112.8     |      |      | 89.3      |      |       |
| 实效 F          | 2.06         | 5.77  | 8.24  | 2.40      | 6.72 | 9.60 | 2.60      | 7.28 | 10.40 |
| 景深(mm) *1     | 183.1        | 512.7 | 732.4 | 4.8       | 13.4 | 19.2 | 2.3       | 6.5  | 9.2   |
| TV失真          | 0.11%        |       |       | -0.05%    |      |      | -0.14%    |      |       |
| 兼容CCD / 接口    | 2/3"以下 / C接口 |       |       |           |      |      |           |      |       |

| 规格            | VS-MC20      |       |           |           |           |       | VS-MC25N     |      |           |            |           |       | VS-MC30      |      |           |           |           |       |      |       |       |      |      |      |      |      |       |
|---------------|--------------|-------|-----------|-----------|-----------|-------|--------------|------|-----------|------------|-----------|-------|--------------|------|-----------|-----------|-----------|-------|------|-------|-------|------|------|------|------|------|-------|
|               | MC20-FNO5.6  |       |           | MC20-FNO8 |           |       | MC25N-FNO5.6 |      |           | MC25N-FNO8 |           |       | MC30-FNO5.6  |      |           | MC30-FNO8 |           |       |      |       |       |      |      |      |      |      |       |
| 焦距距离(f) mm    | 20           |       |           |           |           |       | 25.5         |      |           |            |           |       | 30           |      |           |           |           |       |      |       |       |      |      |      |      |      |       |
| 变倍范围          | 0.04x~0.4x   |       |           |           |           |       | 0.05x~0.5x   |      |           |            |           |       | 0.06x~0.45x  |      |           |           |           |       |      |       |       |      |      |      |      |      |       |
| 光学倍率          | 0.04x        |       | 0.25x     |           | 0.4x      |       | 0.05x        |      | 0.25x     |            | 0.5x      |       | 0.06x        |      | 0.15x     |           | 0.45x     |       |      |       |       |      |      |      |      |      |       |
| 视场2/3"(VxHmm) | 165.0x220.0  |       | 26.4x35.2 |           | 16.5x22.0 |       | 132.0x176.0  |      | 26.4x35.2 |            | 13.2x17.6 |       | 110.0x146.7  |      | 44.0x58.7 |           | 14.7x19.6 |       |      |       |       |      |      |      |      |      |       |
| 视场1/2"(VxHmm) | 120.0x160.0  |       | 19.2x25.6 |           | 12.0x16.0 |       | 96.0x128.0   |      | 19.2x25.6 |            | 9.6x12.8  |       | 80.0x106.7   |      | 32.0x42.7 |           | 10.7x14.2 |       |      |       |       |      |      |      |      |      |       |
| 视场1/3"(VxHmm) | 90.0x120.0   |       | 14.4x19.2 |           | 9.0x12.0  |       | 72.0x96.0    |      | 14.4x19.2 |            | 7.2x9.6   |       | 60.0x80.0    |      | 24.0x32.0 |           | 8.0x10.7  |       |      |       |       |      |      |      |      |      |       |
| WD (mm)       | 516.5        |       | 81.0      |           | 49.8      |       | 513.9        |      | 106.0     |            | 54.9      |       | 514.6        |      | 214.5     |           | 81.1      |       |      |       |       |      |      |      |      |      |       |
| 物像间距离 O/I(mm) | 557.0        |       | 125.9     |           | 97.8      |       | 557.9        |      | 155.1     |            | 110.4     |       | 556.1        |      | 258.7     |           | 134.3     |       |      |       |       |      |      |      |      |      |       |
| 实效 F          | 2.22         | 5.82  | 8.32      | 2.66      | 7.00      | 10.00 | 2.98         | 7.84 | 11.20     | 2.10       | 5.88      | 8.40  | 2.50         | 7.00 | 10.00     | 3.00      | 8.40      | 12.00 | 2.12 | 5.94  | 8.48  | 2.30 | 6.44 | 9.20 | 2.90 | 8.12 | 11.60 |
| 景深(mm) *1     | 110.8        | 291.2 | 416.0     | 3.4       | 9.0       | 12.8  | 1.5          | 3.9  | 5.6       | 67.2       | 188.2     | 268.8 | 3.2          | 9.0  | 12.8      | 1.0       | 2.7       | 3.8   | 47.1 | 131.9 | 188.4 | 8.2  | 22.9 | 32.7 | 1.1  | 3.2  | 4.6   |
| TV失真          | 0.06%        |       | -0.19%    |           | -0.34%    |       | 0.05%        |      | -0.09%    |            | -0.18%    |       | 0.20%        |      | 0.00%     |           | -0.09%    |       |      |       |       |      |      |      |      |      |       |
| 兼容CCD / 接口    | 2/3"以下 / C接口 |       |           |           |           |       | 2/3"以下 / C接口 |      |           |            |           |       | 2/3"以下 / C接口 |      |           |           |           |       |      |       |       |      |      |      |      |      |       |

| 规格            | VS-MC35      |      |       |           |      |       |           |      |       | VS-MC50      |      |       |           |      |      |           |      |       | VS-MC75      |      |      |           |      |      |           |      |       |
|---------------|--------------|------|-------|-----------|------|-------|-----------|------|-------|--------------|------|-------|-----------|------|------|-----------|------|-------|--------------|------|------|-----------|------|------|-----------|------|-------|
|               | MC35-FNO5.6  |      |       |           |      |       | MC35-FNO8 |      |       | MC50-FNO5.6  |      |       |           |      |      | MC50-FNO8 |      |       | MC75-FNO5.6  |      |      |           |      |      | MC75-FNO8 |      |       |
| 焦距距离(f) mm    | 35           |      |       |           |      |       |           |      |       | 50           |      |       |           |      |      |           |      |       | 75           |      |      |           |      |      |           |      |       |
| 变倍范围          | 0.26x~0.65x  |      |       |           |      |       |           |      |       | 0.08x~0.48x  |      |       |           |      |      |           |      |       | 0.14x~0.62x  |      |      |           |      |      |           |      |       |
| 光学倍率          | 0.26x        |      |       | 0.3x      |      |       | 0.65x     |      |       | 0.08x        |      |       | 0.2x      |      |      | 0.48x     |      |       | 0.14x        |      |      | 0.2x      |      |      | 0.62x     |      |       |
| 视场2/3"(VxHmm) | 25.4x33.8    |      |       | 22.0x29.3 |      |       | 10.2x13.5 |      |       | 82.5x110.0   |      |       | 33.0x44.0 |      |      | 13.8x18.3 |      |       | 47.1x62.9    |      |      | 33.0x44.0 |      |      | 10.6x14.2 |      |       |
| 视场1/2"(VxHmm) | 18.5x24.6    |      |       | 16.0x21.3 |      |       | 7.4x9.8   |      |       | 60.0x80.0    |      |       | 24.0x32.0 |      |      | 10.0x13.3 |      |       | 34.3x45.7    |      |      | 24.0x32.0 |      |      | 7.7x10.3  |      |       |
| 视场1/3"(VxHmm) | 13.8x18.5    |      |       | 12.0x16.0 |      |       | 5.5x7.4   |      |       | 45.0x60.0    |      |       | 18.0x24.0 |      |      | 7.5x10.0  |      |       | 25.7x34.3    |      |      | 18.0x24.0 |      |      | 5.8x7.7   |      |       |
| WD (mm)       | 163.5        |      |       | 145.5     |      |       | 82.7      |      |       | 625.8        |      |       | 262.4     |      |      | 121.1     |      |       | 563.0        |      |      | 404.4     |      |      | 153.8     |      |       |
| 物像间距离 O/I(mm) | 213.0        |      |       | 196.4     |      |       | 145.9     |      |       | 687.8        |      |       | 330.2     |      |      | 202.5     |      |       | 650.5        |      |      | 496.3     |      |      | 276.8     |      |       |
| 实效 F          | 2.39         | 7.06 | 10.08 | 2.47      | 7.28 | 10.40 | 3.14      | 9.24 | 13.20 | 2.65         | 6.05 | 8.64  | 2.94      | 6.72 | 9.60 | 3.63      | 8.29 | 11.84 | 4.34         | 6.38 | 9.12 | 4.57      | 6.72 | 9.60 | 6.17      | 9.07 | 12.96 |
| 景深(mm) *1     | 2.8          | 8.4  | 11.9  | 2.2       | 6.5  | 9.2   | 0.6       | 1.7  | 2.5   | 33.8         | 75.6 | 108.0 | 6.0       | 13.4 | 19.2 | 1.3       | 2.9  | 4.1   | 17.7         | 26.1 | 37.2 | 9.1       | 13.4 | 19.2 | 1.3       | 1.9  | 2.7   |
| TV失真          | -0.03%       |      |       |           |      |       |           |      |       | 0.05%        |      |       |           |      |      |           |      |       | -0.02%       |      |      |           |      |      |           |      |       |
| 兼容CCD / 接口    | 2/3"以下 / C接口 |      |       |           |      |       |           |      |       | 2/3"以下 / C接口 |      |       |           |      |      |           |      |       | 2/3"以下 / C接口 |      |      |           |      |      |           |      |       |

\*1 容许错乱圆径 $\phi 0.04\text{mm}$

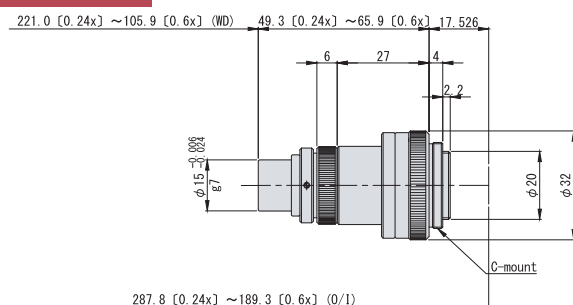
## ■ 可变倍率型



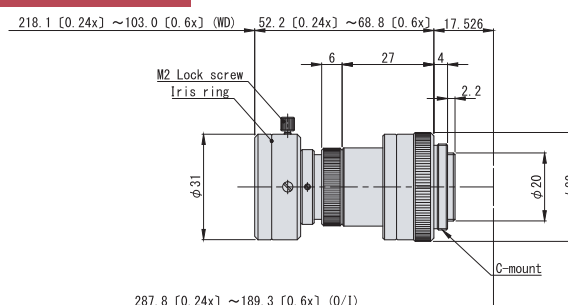
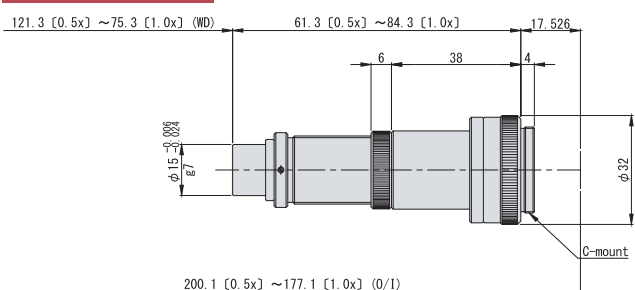
这些低倍镜头是可让你轻易地改变倍率。只需将镜头前面管子部份旋转便可。

每个倍率所需要的工作距离和旋转延长量请参考以下数据。

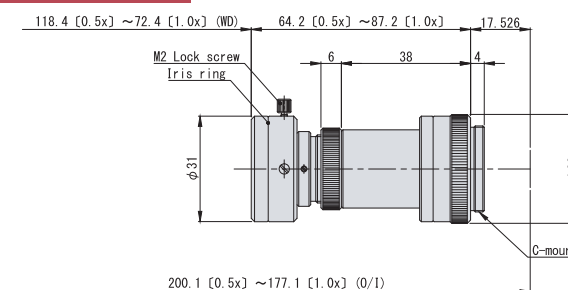
倍率设定后，只需将环锁紧便可。倍率可扩大2倍(高于1倍需要接环)。 ※固定倍率型号除外

**VS-MC024****VS-MC024S**

可改变光圈型

**VS-MC0510****VS-MC0510S**

可改变光圈型



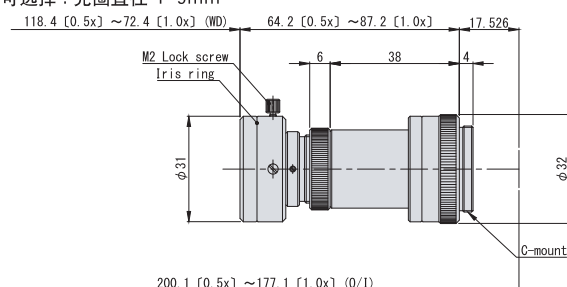
| 规格             | VS-MC024     |         |           | VS-MC024S    |         |           | VS-MC0510    |          |         | VS-MC0510S   |          |         |
|----------------|--------------|---------|-----------|--------------|---------|-----------|--------------|----------|---------|--------------|----------|---------|
| 变倍范围           | 0.24x~0.6x   |         |           | 0.24x~0.6x   |         |           | 0.5x~1.0x    |          |         | 0.5x~1.0x    |          |         |
| 光学倍率           | 0.25x        | 0.4x    | 0.5x      | 0.25x        | 0.4x    | 0.5x      | 0.5x         | 0.75x    | 1.0x    | 0.5x         | 0.75x    | 1.0x    |
| 视场2/3"(VxHmm)  | 26.4x35.2    | 16.5x22 | 13.2x17.6 | 26.4x35.2    | 16.5x22 | 13.2x17.6 | 13.2x17.6    | 8.8x11.7 | 6.6x8.8 | 13.2x17.6    | 8.8x11.7 | 6.6x8.8 |
| 视场1/2"(VxHmm)  | 19.2x25.6    | 12x16   | 9.6x12.8  | 19.2x25.6    | 12x16   | 9.6x12.8  | 9.6x12.8     | 6.4x8.5  | 4.8x6.4 | 9.6x12.8     | 6.4x8.5  | 4.8x6.4 |
| 视场1/3"(VxHmm)  | 14.4x19.2    | 9x12    | 7.2x9.6   | 14.4x19.2    | 9x12    | 7.2x9.6   | 7.2x9.6      | 4.8x6.4  | 3.6x4.8 | 7.2x9.6      | 4.8x6.4  | 3.6x4.8 |
| 镜筒长            | 49.8         | 56.7    | 61.3      | 52.7         | 59.6    | 64.2      | 61.6         | 72.8     | 84.7    | 64.5         | 75.7     | 87.6    |
| WD (mm)        | 213.3        | 144.3   | 121.2     | 210.4        | 141.4   | 118.3     | 121.3        | 90.5     | 75.3    | 118.4        | 87.6     | 72.4    |
| 物像间距离 O/I (mm) | 280.7        | 218.5   | 200.4     | 280.7        | 218.5   | 200.4     | 200.1        | 180.8    | 177.1   | 200.1        | 180.9    | 177.1   |
| 实效 F           | 4.0          | 4.4     | 4.8       | 4.0          | 4.4     | 4.8       | 4.8          | 5.9      | 6.4     | 4.8          | 5.9      | 6.4     |
| NA             | 0.031        | 0.045   | 0.052     | 0.031        | 0.045   | 0.052     | 0.052        | 0.063    | 0.078   | 0.052        | 0.063    | 0.078   |
| 景深 (mm) *1     | 5.1          | 2.2     | 1.5       | 5.1          | 2.2     | 1.5       | 1.5          | 0.8      | 0.5     | 1.5          | 0.8      | 0.5     |
| TV失真           | 0.1%         |         |           | 0.1%         |         |           | -0.01%       |          |         | -0.01%       |          |         |
| 兼容CCD / 接口     | 2/3"以下 / C接口 |         |           | 2/3"以下 / C接口 |         |           | 2/3"以下 / C接口 |          |         | 2/3"以下 / C接口 |          |         |

\*1: 计算值(容许错乱圆径  $\phi 0.04\text{mm}$ )

## ■ 固定光圈型 (以供定制)

**VS-MC0510-□**

可选择: 光圈直径 1~9mm



| 规格          | 光圈直径     | 景深 (mm) *1 |       |       |
|-------------|----------|------------|-------|-------|
|             |          | 0.5x       | 0.75x | 1.0x  |
| VS-MC0510-1 | $\phi 1$ | 15.4mm     | 8mm   | 5.1mm |
| VS-MC0510-2 | $\phi 2$ | 7.7mm      | 4mm   | 2.6mm |
| VS-MC0510-3 | $\phi 3$ | 5.1mm      | 2.7mm | 1.7mm |
| VS-MC0510-4 | $\phi 4$ | 3.8mm      | 2mm   | 1.3mm |
| VS-MC0510-5 | $\phi 5$ | 3.0mm      | 1.6mm | 1.0mm |
| VS-MC0510-6 | $\phi 6$ | 2.6mm      | 1.3mm | 0.8mm |
| VS-MC0510-7 | $\phi 7$ | 2.2mm      | 1.2mm | 0.7mm |
| VS-MC0510-8 | $\phi 8$ | 1.9mm      | 1.0mm | 0.6mm |
| VS-MC0510-9 | $\phi 9$ | 1.7mm      | 0.9mm | 0.6mm |

\*1: 计算值(容许错乱圆径  $\phi 0.04\text{mm}$ )

| 规格   | VS-MC0510-1           | VS-MC0510-2           | VS-MC0510-3           | VS-MC0510-4           | VS-MC0510-5           | VS-MC0510-6           | VS-MC0510-7           | VS-MC0510-8           | VS-MC0510-9           |
|------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 变倍范围 | 0.5x~1.0x             | 0.5x~1.0x             | 0.5x~1.0x             | 0.5x~1.0x             | 0.5x~1.0x             | 0.5x~1.0x             | 0.5x~1.0x             | 0.5x~1.0x             | 0.5x~1.0x             |
| 光学倍率 | 0.5x   0.75x   1.0x   | 0.5x   0.75x   1.0x   | 0.5x   0.75x   1.0x   | 0.5x   0.75x   1.0x   | 0.5x   0.75x   1.0x   | 0.5x   0.75x   1.0x   | 0.5x   0.75x   1.0x   | 0.5x   0.75x   1.0x   | 0.5x   0.75x   1.0x   |
| 实效 F | 48.4   56.7   64.1    | 24.2   28.3   32.0    | 16.1   18.9   21.3    | 12.1   14.1   16.0    | 9.6   11.3   12.8     | 8.0   9.4   10.0      | 6.9   8.1   9.1       | 6.0   7.0   8.0       | 5.3   6.3   7.1       |
| NA   | 0.005   0.006   0.007 | 0.010   0.013   0.015 | 0.015   0.019   0.023 | 0.020   0.026   0.031 | 0.026   0.033   0.039 | 0.031   0.039   0.050 | 0.036   0.046   0.054 | 0.041   0.053   0.062 | 0.047   0.059   0.070 |

\*WD and O/I are same as VS-MC0510

## Machine Vision Macro Lens

### VS-MC Series (φ16固定倍率型)

低价微距镜头

0.1x ~ 2.0x 共15个机种

设计了容易装配设备的短O/I

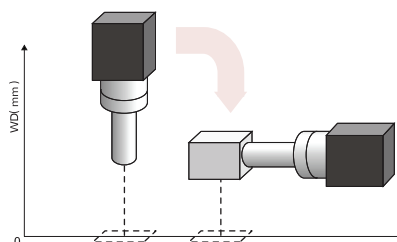
使用连接环可以容易变更WD,倍率



可供安装各种选配件

#### ■ 直角棱镜

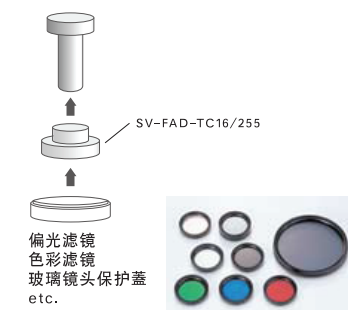
VS-PZ16-1



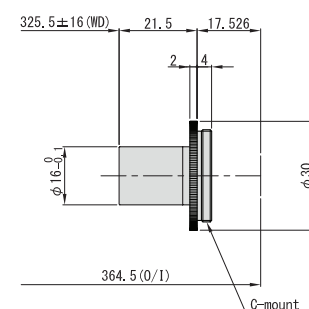
※ 根据镜头视野、使用条件等、棱镜有可能变得不适合应用。  
详细状况请跟我们销售联系、推荐方法是样本试用评估。

#### ■ 滤镜接口环

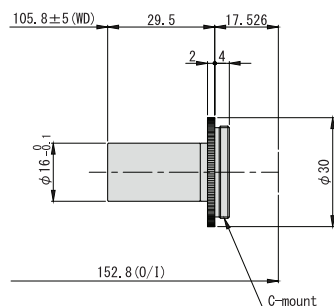
SV-FAD-TC16/255



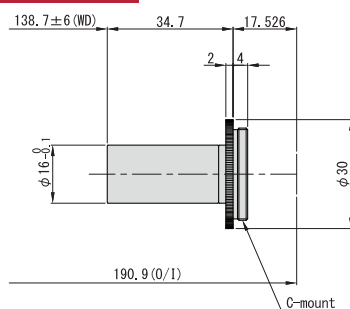
#### VS-MC01-330



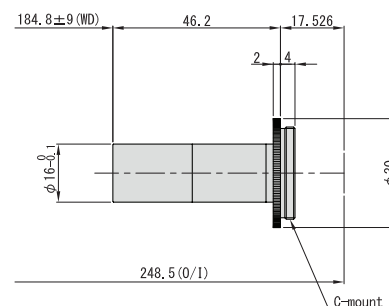
#### VS-MC03-100



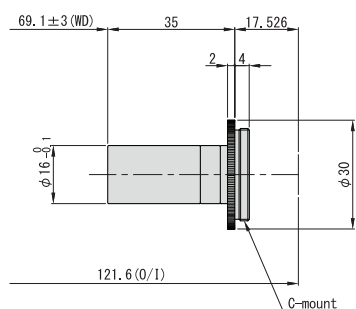
#### VS-MC03-135



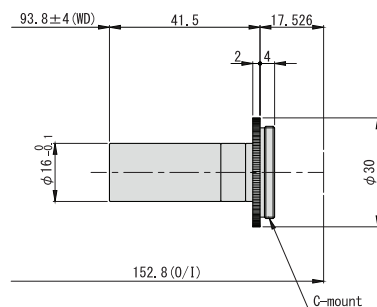
#### VS-MC03-180



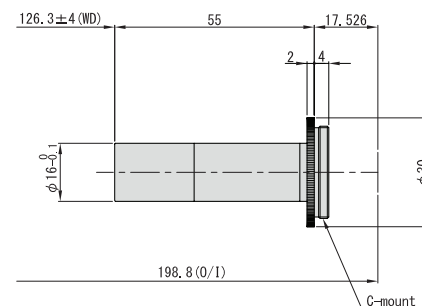
#### VS-MC05-65



#### VS-MC05-90



#### VS-MC05-130

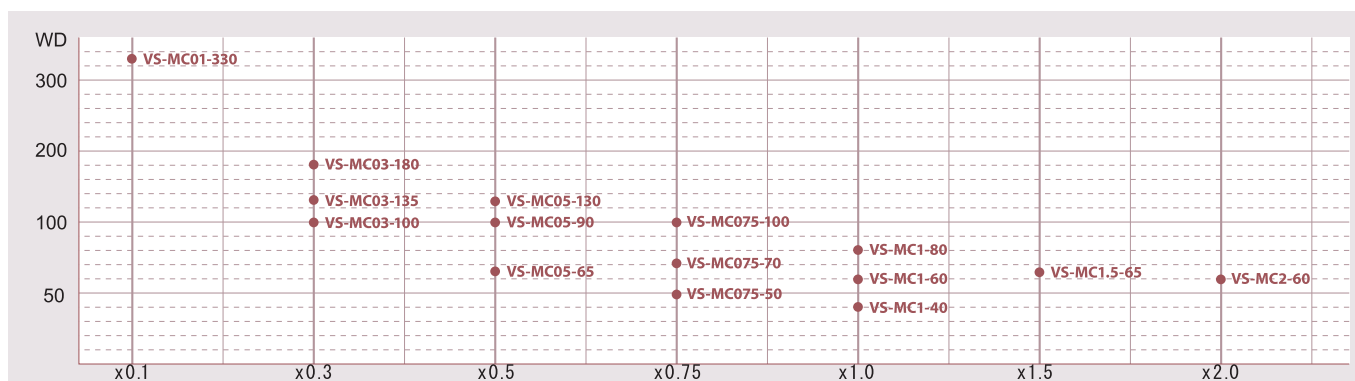


| 规格              | VS-MC01-330 | VS-MC03-100 | VS-MC03-135 | VS-MC03-180 | VS-MC05-65 | VS-MC05-90 | VS-MC05-130 |
|-----------------|-------------|-------------|-------------|-------------|------------|------------|-------------|
| 光学倍率            | 0.1x        | 0.3x        | 0.3x        | 0.3x        | 0.5x       | 0.5x       | 0.5x        |
| 视场2/3" (VxH mm) | 66.0x88.0   | 22.0x29.3   | 22.0x29.3   | 22.0x29.3   | 13.2x17.6  | 13.2x17.6  | 13.2x17.6   |
| 视场1/2" (VxH mm) | 48.0x64.0   | 16.0x21.3   | 16.0x21.3   | 16.0x21.3   | 9.6x12.8   | 9.6x12.8   | 9.6x12.8    |
| 视场1/3" (VxH mm) | 36.0x48.0   | 12.0x16.0   | 12.0x16.0   | 12.0x16.0   | 7.2x9.6    | 7.2x9.6    | 7.2x9.6     |
| WD (mm)         | 325.5       | 105.8       | 138.7       | 184.8       | 69.1       | 93.8       | 126.3       |
| 物像间距离 O/I (mm)  | 364.5       | 152.8       | 190.9       | 248.5       | 121.6      | 152.8      | 198.8       |
| 实效 F            | 4.43        | 5.16        | 5.27        | 5.29        | 5.95       | 6.08       | 6.10        |
| N.A.            | 0.011       | 0.029       | 0.028       | 0.028       | 0.042      | 0.041      | 0.041       |
| 景深 (mm) *1      | 35.4        | 4.6         | 4.7         | 4.7         | 1.9        | 1.9        | 2.0         |
| T V失真           | 0.01%       | 0.00%       | 0.00%       | 0.00%       | -0.02%     | 0.00%      | 0.00%       |
| 兼容CCD/接口        | 2/3"以下/C接口  | 2/3"以下/C接口  | 2/3"以下/C接口  | 2/3"以下/C接口  | 2/3"以下/C接口 | 2/3"以下/C接口 | 2/3"以下/C接口  |

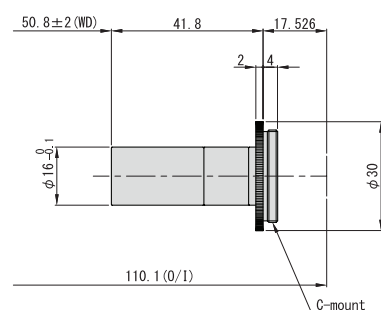
\*1: 计算值(容许错乱圆径φ0.04mm)。



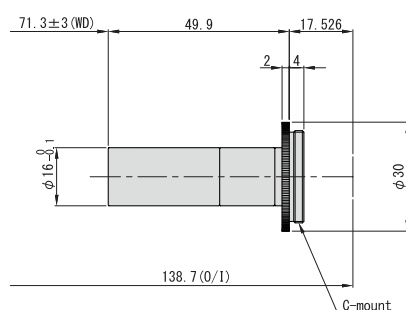
## WD比较



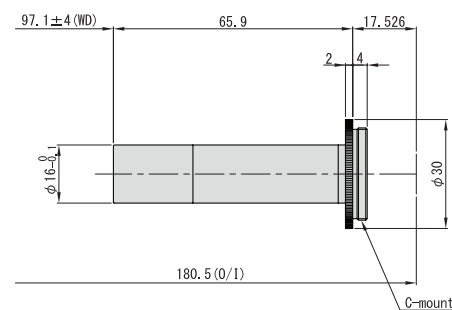
## VS-MC075-50



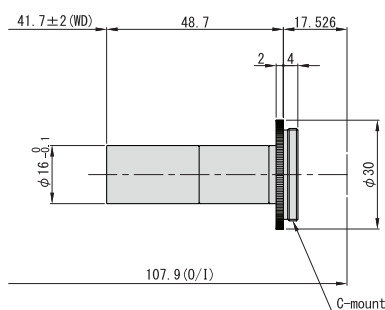
## VS-MC075-70



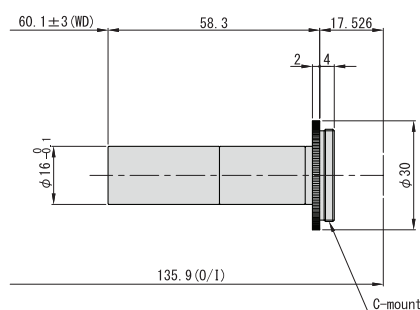
## VS-MC075-100



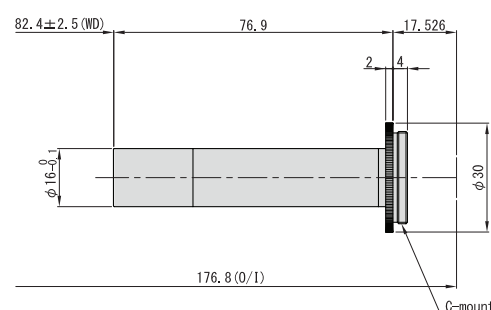
## VS-MC1-40



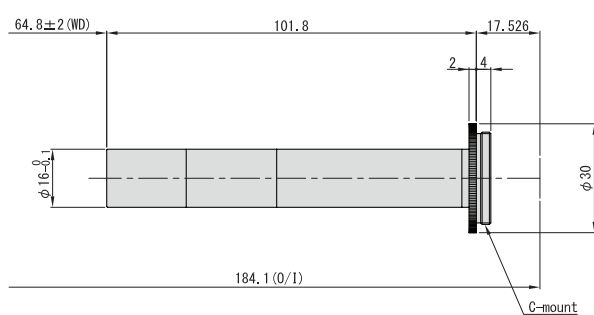
## VS-MC1-60



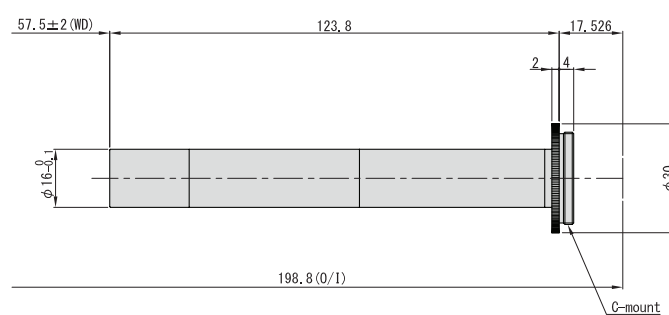
## VS-MC1-80



## VS-MC1.5-65



## VS-MC2-60



| 规格             | VS-MC075-50 | VS-MC075-70 | VS-MC075-100 | VS-MC1-40  | VS-MC1-60  | VS-MC1-80  | VS-MC1.5-65 | VS-MC2-60  |
|----------------|-------------|-------------|--------------|------------|------------|------------|-------------|------------|
| 光学倍率           | 0.75x       | 0.75x       | 0.75x        | 1.0x       | 1.0x       | 1.0x       | 1.5 x       | 2.0 x      |
| 视场2/3"(VxH mm) | 8.8x11.7    | 8.8x11.7    | 8.8x11.7     | 6.6x8.8    | 6.6x8.8    | 6.6x8.8    | 4.4x5.9     | 3.3x4.4    |
| 视场1/2"(VxH mm) | 6.4x8.5     | 6.4x8.5     | 6.4x8.5      | 4.8x6.4    | 4.8x6.4    | 4.8x6.4    | 3.2x4.3     | 2.4x3.2    |
| 视场1/3"(VxH mm) | 4.8x6.4     | 4.8x6.4     | 4.8x6.4      | 3.6x4.8    | 3.6x4.8    | 3.6x4.8    | 2.4x3.2     | 1.8x2.4    |
| WD (mm)        | 50.8        | 71.3        | 97.1         | 41.7       | 60.1       | 82.4       | 64.8        | 57.5       |
| 物像间距离 O/I(mm)  | 110.1       | 138.7       | 180.5        | 107.9      | 135.9      | 176.8      | 184.1       | 198.8      |
| 实效 F           | 5.75        | 6.80        | 7.10         | 6.58       | 7.80       | 8.14       | 10.00       | 12.10      |
| N.A.           | 0.065       | 0.055       | 0.053        | 0.076      | 0.064      | 0.061      | 0.075       | 0.083      |
| 景深 (mm) *1     | 0.8         | 1.0         | 1.0          | 0.5        | 0.6        | 0.7        | 0.4         | 0.2        |
| T V 失真         | -0.03%      | 0.00%       | 0.00%        | -0.04%     | 0.00%      | 0.00%      | 0.00%       | 0.00%      |
| 兼容CCD/接口       | 2/3"以下/C接口  | 2/3"以下/C接口  | 2/3"以下/C接口   | 2/3"以下/C接口 | 2/3"以下/C接口 | 2/3"以下/C接口 | 2/3"以下/C接口  | 2/3"以下/C接口 |

\*1 : 计算值 (容许错乱圆径  $\phi 0.04\text{mm}$ )。