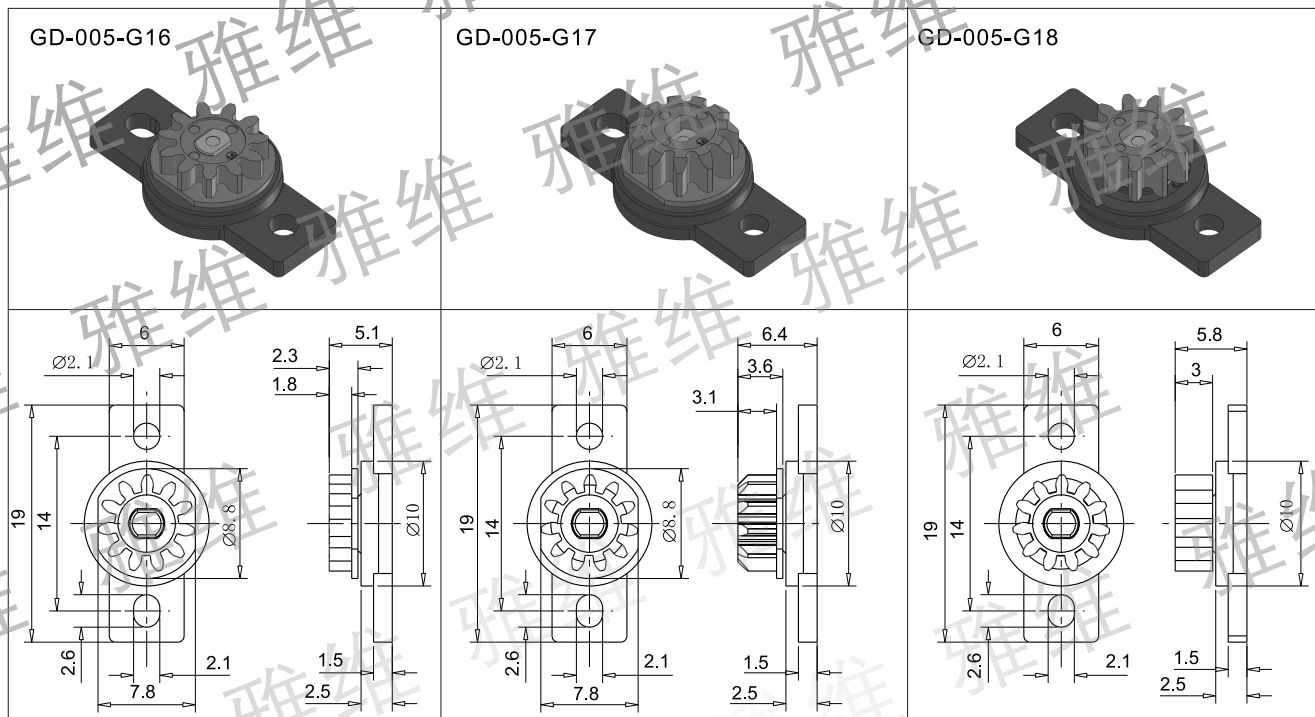




## 规格尺寸 Specification Size



## 齿轮参数 Gear Specification

| 型号 Part No.        | G16                             | G17  | G18  |
|--------------------|---------------------------------|------|------|
| 类型 Type            | 标准平齿轮Standard Spur Gear         |      |      |
| 齿形Teeth Profile    | 渐开线齿轮并齿Involute Full Depth Gear |      |      |
| 模数Module           | 0.6                             | 0.6  | 0.6  |
| 压力角Pressure Angle  | 20°                             | 20°  | 20°  |
| 齿数Number of Teeth  | 11                              | 11   | 11   |
| 基准节圆Pitch Diameter | Ø6.6                            | Ø6.6 | Ø6.6 |

## 扭矩类型 Torque Type

| 型号 Part No.  | 扭矩 Torque (gf.cm/N.cm) | 扭矩方向 Direction           |
|--------------|------------------------|--------------------------|
| GD-005-G*-10 | 10±5 / 0.1±0.05        | 双向<br>Both<br>Directions |
| GD-005-G*-15 | 15±7 / 0.15±0.07       |                          |
| GD-005-G*-25 | 25±8 / 0.25±0.08       |                          |
| GD-005-G*-35 | 35±10 / 0.35±0.1       |                          |
| GD-005-G*-50 | 50±10 / 0.5±0.1        |                          |
| GD-005-G*-65 | 65±12 / 0.65±0.12      |                          |

## 材料 Materials

| 名称 Description | 材质 Material     |
|----------------|-----------------|
| 底座 Housing     | PC/ABS          |
| 盖子 Cap         | PC/ABS          |
| 转轴 Rotor       | POM             |
| 齿轮 Gear        | POM             |
| 油 Oil          | 硅油 Silicone oil |

## 备注 Remark

- ① 扭矩数据为20rpm,温度为23°C。  
Standard torque is decided at 20rpm and 23°C
- ② 可以通过更换油的粘度提供特殊扭力定货。  
Within limits different torques can viscosity oil.

## 缓冲器耐久性 Damper Durability

- \*最大使用回转速度 Max.Rotation Speed(rpm) 50
- \*最大使用频率 Max.Cycle Rate(cycles/min) 10
- \*使用温度范围 Operatin Temperature(°C) -30 ~ 80
- \*耐久使用 Durability
- 50000次(常温:23°C) 1循环=正转0.5圈 → 反转0.5圈(20rpm)  
50000cycles(23°C ambient temperature)  
1cycle=0.5revolutions forward(20rpm) → 0.5revolutions backward(20rpm)