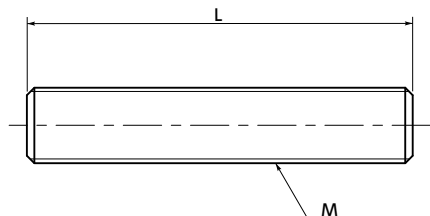




SPA-Z Plastic Threaded Rod - RENY

High strength Lightweight High Specific Strength



- RENY™ is a thermoplastic engineering plastic with excellent tensile and bending strength.
- It is highly fatigue-resistant and has excellent creep and heat insulation properties.
- While it is nearly as strong as metal, its weight is approximately 1/5 of iron.
- The properties and precautions of plastic screws

● Application

Heat insulation and dew condensation prevention of electric and electronic devices and refrigerating and freezing facilities / Weight saving of offshore instruments, plating facilities, automobiles, airplanes, aerospace devices, etc.

● Material/Finish



| | SPA-Z |
|-------------------------------|---|
| Main Body | RENY™*1 (50% Glass Fiber Reinforced Polyamide MXD6) (Ivory) |
| Heat Resistance Temperature*2 | 105°C |

*1: RENY™ is a trademark or registered trademark of Mitsubishi Gas Chemical Company, Inc.

*2: This is the value for the resin material. The operating temperature of the product changes with performance conditions such as tightening torque.

Unit : mm

| Part Number | M (Coarse) | | L | Tension Rupture Load*1 (N) | Mass (g) |
|-------------|-------------------|-------|-----|----------------------------|----------|
| | Nominal of Thread | Pitch | | | |
| SPA-M6-Z | M6 | 1 | 300 | 3106 | 11 |
| SPA-M8-Z | M8 | 1.25 | 300 | 5335 | 20 |
| SPA-M10-Z | M10 | 1.5 | 300 | 7646 | 31 |
| SPA-M12-Z | M12 | 1.75 | 300 | 7511 | 45 |
| SPA-M16-Z | M16 | 2 | 300 | 19987 | 81 |

*1: Values in chart are for reference only. They are not guaranteed values.

● Part number specification

SPA-M6-Z



| | | | | |
|---------------------------|-------------------------------------|----------------------------------|------------------------------|---|
| Individual Sales → P.0000 | Cleanroom Wash & Packaging → P.0000 | Screw Length Adjustment → P.0000 | Vibration Resistant → P.0000 | Modification process for captive use → P.0000 |
| 1 piece in 1 pack | Available / Add'l charge | Not Available | Not Available | Not Available |