

## Stems for levelling feet

Technopolymer (polypropylene)

### MATERIAL

Glass-fibre reinforced polypropylene based (PP) technopolymer, suitable for contact with acid or base liquids, RAL 7024 grey colour. Produced from FDA compliant raw material (FDA CFR.21 and EU 10/2011).

### FEATURES AND APPLICATIONS

Polypropylene stems are particularly suitable for those sectors where they can be in contact with chemical agents and/or for frequent washing with acidic or basic detergent solutions, such as in the chemical, process, pharmaceutical, food, textile and paper industry.

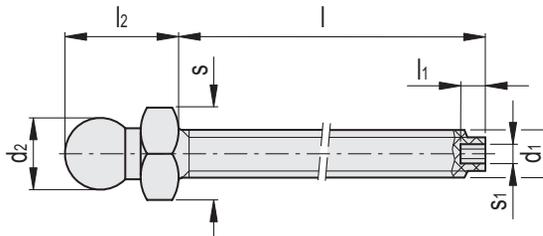
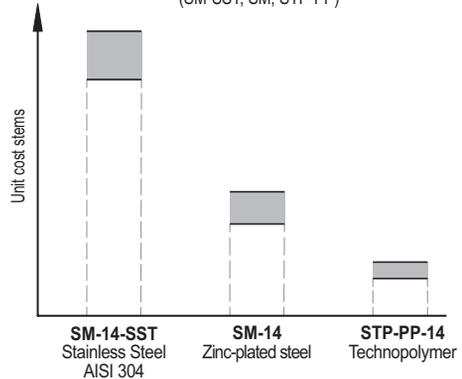
- Anti-rust.
- Resistance to chemical agents (see table).
- High mechanical resistance.
- Lightness: suitable for applications that require reduced weight.
- Cost-effective solution (see graph).



| CHEMICAL AGENTS             | SM-SST<br>Stainless steel<br>AISI 304 | SM<br>Zinc-plated<br>steel | STP-PP<br>Technopolymer |
|-----------------------------|---------------------------------------|----------------------------|-------------------------|
| HYDROCARBONS, OILS AND FATS | ●                                     | ●                          | ●                       |
| WEAK BASES                  | ●                                     | ●                          | ●                       |
| SOLVENTS                    | ●                                     | △                          | □                       |
| WEAK ACIDS                  | △                                     | △                          | ●                       |
| CHLORIDE CONCENTRATES       | △                                     | △                          | ●                       |
| GALVANIC CORROSION          | △                                     | △                          | ●                       |
| STRONG ACIDS                | △                                     | △                          | ●                       |
| STRONG BASES                | △                                     | △                          | ●                       |
| AMMONIUM CHLORIDE           | ●                                     | △                          | ●                       |
| CALCIUM CHLORIDE 5%         | ●                                     | △                          | ●                       |
| SATURATED CALCIUM CHLORIDE  | △                                     | △                          | ●                       |
| IRON CHLORIDE (III) 5-10%   | △                                     | △                          | ●                       |
| POTASSIUM CHLORIDE 10%      | ●                                     | △                          | ●                       |
| SODIUM CHLORIDE 10%         | ●                                     | △                          | ●                       |
| ZINC CHLORIDE 10%           | △                                     | △                          | ●                       |

Suitable ● Not suitable △ Check specific case □

Indicative cost comparison of stems available in different materials (SM-SST, SM, STP-PP)



| Code   | Description      | l  | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | s  | s <sub>1</sub> | Max. limit static load [N] | △    |
|--------|------------------|----|----------------|----------------|----------------|----------------|----|----------------|----------------------------|------|
| 317222 | STP-PP-14-M10x44 | 44 | 6              | 21             | M10            | 14             | 16 | 4              | 700                        | 9.5  |
| 317226 | STP-PP-14-M10x69 | 69 | 6              | 21             | M10            | 14             | 16 | 4              | 700                        | 12   |
| 317232 | STP-PP-14-M10x99 | 99 | 6              | 21             | M10            | 14             | 16 | 4              | 700                        | 15   |
| 317322 | STP-PP-14-M12x44 | 44 | 7              | 21             | M12            | 14             | 16 | 5              | 1000                       | 11   |
| 317326 | STP-PP-14-M12x69 | 69 | 7              | 21             | M12            | 14             | 16 | 5              | 1000                       | 15   |
| 317332 | STP-PP-14-M12x99 | 99 | 7              | 21             | M12            | 14             | 16 | 5              | 1000                       | 19.5 |