

METRIC

MATERIAL

Glass-fibre reinforced polyamide based (PA) SUPER-technopolymer, RAL 5005 blue colour.
Produced from FDA compliant raw material (FDA CFR.21 and EU 10/2011).

FEATURES AND APPLICATIONS

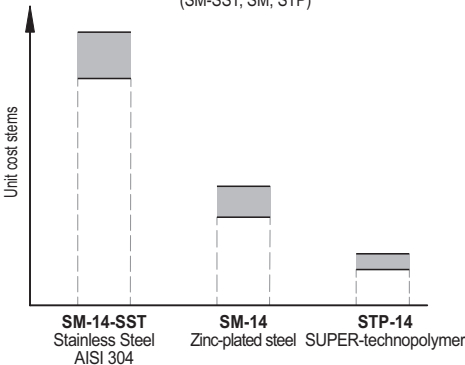
- The RAL 5005 blue colour is easily visible in case of accidental food contamination.
- Anti-rust.
- Resistance to chemical agents (see table).
- Can also be used in outdoor conditions with excellent durability.
- High mechanical resistance.
- Lightness: suitable for applications that require reduced weight.
- Cost-effective solution (see graph).



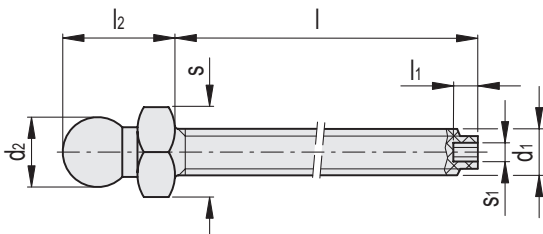
CHEMICAL AGENTS	SM-SST Stainless steel AISI 304	SM Zinc-plated steel	STP-VD SUPER- technopolymer
HYDROCARBONS, OILS AND FATS	●	●	●
WEAK BASES	●	●	●
SOLVENTS	●	△	●
WEAK ACIDS	△	△	●
CHLORIDE CONCENTRATES	△	△	●
GALVANIC CORROSION	△	△	●
STRONG ACIDS	△	△	△
STRONG BASES	△	△	△
AMMONIUM CHLORIDE	●	△	●
CALCIUM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

Suitable ● Not suitable △

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



Conversion Table	
1 mm = 0.039 inch	
D	
mm	inch
44	1.72
69	2.69
99	3.86
109	4.25
149	5.81
169	6.59



METRIC

Code	Description	l	l1	l2	d1	d2	s	s1	Max. limit static load [N]	⚖
192121	STP-14-M8x44-VD	44	5	21	M8	14	16	3	2500	7
192125	STP-14-M8x69-VD	69	5	21	M8	14	16	3	2500	8
192221	STP-14-M10x44-VD	44	6	21	M10	14	16	4	3500	8
192225	STP-14-M10x69-VD	69	6	21	M10	14	16	4	3500	11
192231	STP-14-M10x99-VD	99	6	21	M10	14	16	4	3500	14
192321	STP-14-M12x44-VD	44	7	21	M12	14	16	5	4500	10
192325	STP-14-M12x69-VD	69	7	21	M12	14	16	5	4500	13
192331	STP-14-M12x99-VD	99	7	21	M12	14	16	5	4500	17
192521	STP-14-M16x69-VD	69	7	23	M16	14	22	6	5500	23
192525	STP-14-M16x109-VD	109	7	23	M16	14	22	6	5500	34
192541	STP-14-M16x149-VD	149	7	23	M16	14	22	6	5000	42
192561	STP-14-M16x169-VD	169	7	23	M16	14	22	6	5000	47