

The shape of the tube supports allows them to be inserted easily in the tube. One end of the EO support sleeve is enlarged on its external diameter by a knurl. On insertion, this knurl forces itself into the interior wall of the tube and secures the sleeve against shifting or falling out during assembly and without widening the tube end.

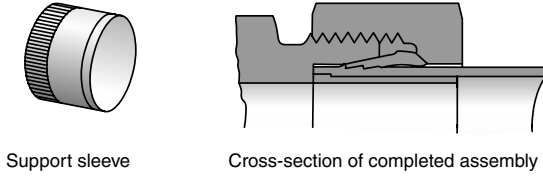


Fig. T43 — EO fitting completely assembled with support sleeve

Steel tubes made of St 35.4 or 37.4 or soft metal tubes can be checked in accordance with Figs. T44 and T45, respectively, to see if they require support sleeves; for plastic tubes, (support) sleeves are always necessary (see Page F15 for E type sleeves).

For stainless steel tubes of material 1.4571/1.4541, refer to Fig. T46 to determine the need for a support tube.

For thin-walled steel tube of material St.35.4

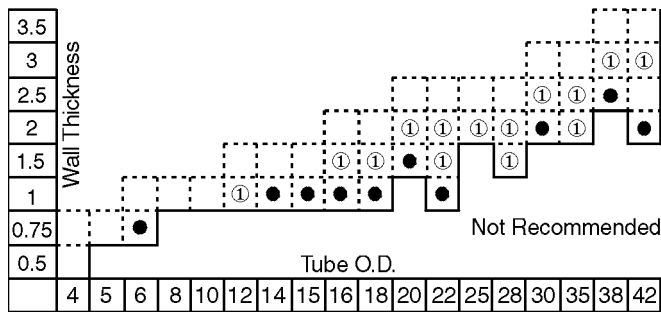


Fig. T44 — Recommended Tube Wall Thicknesses, Steel

- Use of VH necessary
- ① Use of VH is recommended especially in case of frequent loosening and with heavy-duty tubes (vibrations)

For soft metal tubes

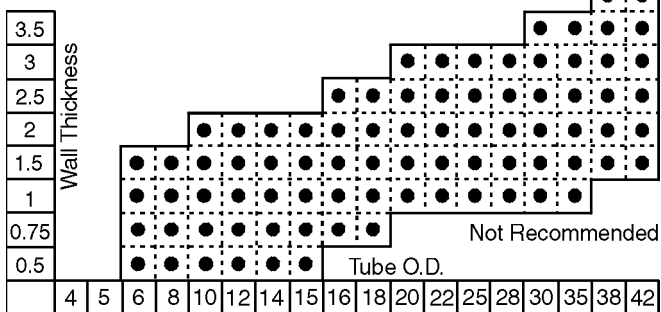


Fig. T45 — Recommended Tube Wall Thicknesses, Soft Metal Tubing

- Use of VH necessary
- ① Use of VH is recommended especially in case of frequent loosening and with heavy-duty tubes (vibrations)

For thin-walled stainless steel tubes of material 1.4571/1.4541

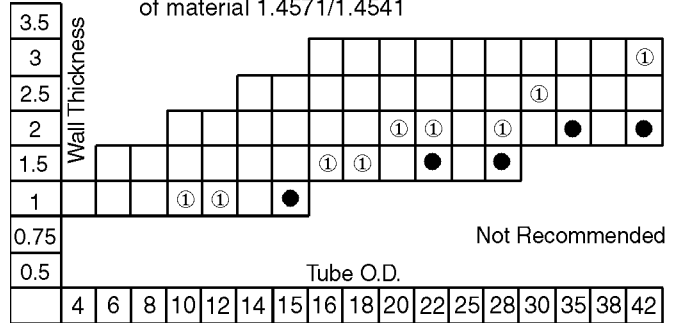
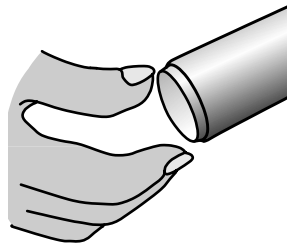


Fig. T46 — Recommended Tube Wall Thicknesses, Stainless Steel

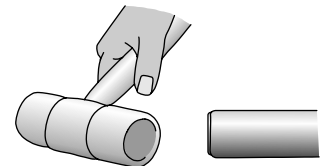
- Use of VH necessary
- ① Use of VH is recommended especially in case of frequent loosening and with heavy-duty tubes (vibrations)

Steps for Proper Assembly of Support Sleeve (VH)

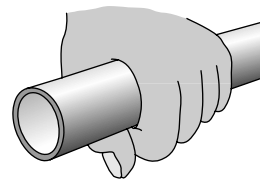
Step 1 – Insert support sleeve up to knurl.



Step 2 – Drive knurled end of support into tube.



Step 3 – Ensure that support sleeve is flush with tube end.



Step 4 – Pre-set progressive ring following one of the pre-setting methods covered earlier (page T24). The support sleeve prevents collapse of tube.

