



3.1
3.2
3.3

2 d ₁ Diameter		2 s ₁ Square		3 Length l ±0,5				d ₂	s ₂	w ₁	w ₂
AL	NI	AL	NI								
D 10 ^{+0,05} / _{-0,15}	D 10 ±0,1	V 10	-	200	500	1000	-	7	7	1,5	1,5
D 12 ^{+0,05} / _{-0,15}	D 12 -0,2	V 12	-	200	500	1000	-	9	9	1,5	1,5
D 14 ^{+0,05} / _{-0,15}	D 14 -0,2	-	-	200	500	1000	-	11	-	1,5	-
D 15 ^{+0,05} / _{-0,15}	D 15 -0,2	-	-	200	500	1000	-	12	-	1,5	-
D 16 ^{+0,05} / _{-0,15}	D 16 -0,2	V 16	-	200	500	1000	-	13	13	1,5	1,5
D 18 ^{+0,05} / _{-0,15}	D 18 -0,2	-	-	200	500	1000	-	15	-	1,5	-
D 20 ^{+0,1} / _{-0,2}	D 20 -0,2	V 20	V 20	200	500	1000	2000	16	16	2	2
D 25 ^{+0,1} / _{-0,2}	D 25 ±0,15	V 25	V 25	200	500	1000	2000	21	21	2	2
D 30 ±0,15	D 30 ±0,15	V 30	V 30	200	500	1000	2000	26	26	2	2
D 35 ±0,15	D 35 ±0,15	-	-	200	500	1000	-	31	-	2	-
D 40 ^{+0,15} / _{-0,25}	D 40 ^{+0,15} / _{-0,2}	V 40	V 40	200*	500	1000	2000	34	34	3	3
D 50 ±0,2	D 50 ±0,2	V 50	V 50	500	1000	2000	-	44	44	3	3
D 60 ±0,25	D 60 ±0,25	-	-	500	1000	2000	-	52	-	4	-

*only available for diameter D40

Specification

• Aluminum Anodized Natural color	AL	EL
• Stainless steel AISI 304 Plain Untreated	NI	BL
• Sawed cross sections deburred blank, i.e. not surface treated		
• <i>Stainless Steel Characteristics</i> → Page 2166		
• RoHS		

On request

- Further lengths

Information

Construction tubes GN 990 can be supplied in these standard lengths. The tolerances specified for the outside diameter of the round construction tubes comply with the requirements for split mono-block connector clamps. Two-piece connector clamps allow obviously larger tolerances on construction tubes.

see also...

- *Retaining Tubes / Retaining Rods GN 480.1* → Page 1833
- *Tube End Plugs GN 991 (without Thread)* → Page 1837
- *Insert Bushings GN 448 (with Thread)* → Page 1498 / 1499
- *Insert Bushings GN 992 / GN 992.5 (with Thread)* → Page 1501

3.4
3.5
3.6

How to order (Aluminum)		1 Material
GN 990-AL-D20-500-EL		2 d ₁ (s ₁)
1	2	3 Length l
3	4	4 Finish

How to order (Stainless Steel)		1 Material
GN 990-NI-V30-200-BL		2 s ₁ (d ₁)
1	2	3 Length l
3	4	4 Finish

3.7
3.8
3.9