



Hose clamps - 1-ear

Materials: AISI 304L (W4), insert ring: AISI 301

Suitable: 1 ear clamps are assembled by squeezing closed using clamping pliers, and can only be released by squeezing opening with a diagonal cutter. The insert ring ensures an absolutely secure all-around setting and is favoured for the assembly of soft and sensitive, or very stiff hoses. The clamp cannot be reused.



- Advantages:**
- Small design
 - "Self-suspended"
 - No protruding thread tongues (no risk of injury)
 - Insoluble



standard



with insert



| Type standard | Ø Clamping range | Width | Type with insert ring | Ø Clamping range | Width |
|------------------|---------------------|-------|--------------------------|---------------------|-------|
| SSO 3,3-1 ES | 2.9 - 3.3 | 3 | SSOE 2,9-1 ES | 2.5 - 2.9 | 5.5 |
| SSO 4,1-1 ES | 3.3 - 4.1 | 4 | SSOE 3,7-1 ES | 2.9 - 3.7 | 5.5 |
| SSO 5,1-1 ES | 4.1 - 5.1 | 4 | SSOE 4,7-1 ES | 3.7 - 4.7 | 5.5 |
| SSO 6,1-1 ES | 5.1 - 6.1 | 4 | SSOE 5,7-1 ES | 4.7 - 5.7 | 5.5 |
| SSO 7-1 ES | 6.1 - 7.0 | 5 | SSOE 6,5-1 ES | 5.6 - 6.5 | 6.4 |
| SSO 8-1 ES | 6.8 - 8.0 | 5 | SSOE 7,5-1 ES | 6.3 - 7.5 | 6.4 |
| SSO 9,5-1 ES | 8.1 - 9.5 | 6 | SSOE 9-1 ES | 7.5 - 9.0 | 7.4 |
| SSO 10,5-1 ES | 9.1 - 10.5 | 6 | SSOE 10,8-1 ES | 9.1 - 10.8 | 7.4 |
| SSO 11,8-1 ES | 10.1 - 11.8 | 6 | SSOE 12,3-1 ES | 10.3 - 12.3 | 7.4 |
| SSO 12,8-1 ES | 10.8 - 12.8 | 6 | SSOE 13,3-1 ES | 11.3 - 13.3 | 8.2 |
| SSO 13,8-1 ES | 11.8 - 13.8 | 6 | SSOE 14,3-1 ES | 12.3 - 14.3 | 8.2 |
| SSO 15-1 ES | 13.0 - 15.0 | 6 | SSOE 15,3-1 ES | 13.1 - 15.3 | 8.2 |
| SSO 16-1 ES | 13.8 - 16.0 | 6 | SSOE 16,1-1 ES | 13.9 - 16.1 | 8.2 |
| SSO 16,8-1 ES | 14.6 - 16.8 | 6 | SSOE 16,8-1 ES | 14.6 - 16.8 | 8.2 |
| SSO 17,5-1 ES | 15.3 - 17.5 | 6 | SSOE 17,8-1 ES | 15.6 - 17.8 | 8.2 |
| SSO 19,5-1 ES | 17.2 - 19.5 | 6 | SSOE 19,3-1 ES | 17.1 - 19.3 | 9.2 |
| SSO 21-1 ES | 18.7 - 21.0 | 7 | SSOE 21,1-1 ES | 18.8 - 21.1 | 9.2 |
| SSO 21,8-1 ES | 19.5 - 21.8 | 7 | SSOE 21,8-1 ES | 19.2 - 21.8 | 9.2 |
| SSO 23,5-1 ES | 21.0 - 23.5 | 7 | SSOE 23,8-1 ES | 21.0 - 23.8 | 9.2 |
| SSO 26,3-1 ES | 23.6 - 26.3 | 7 | SSOE 25,6-1 ES | 23.0 - 25.6 | 9.2 |
| SSO 27-1 ES | 24.1 - 27.0 | 7 | SSOE 26,3-1 ES | 23.3 - 26.3 | 9.2 |
| SSO 30,7-1 ES | 27.2 - 30.7 | 7 | SSOE 30-1 ES | 26.5 - 30.0 | 9.2 |

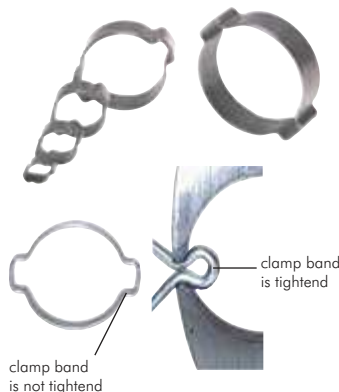


Hose clamps - 2-ears

Suitable: 2 ear clamps are assembled by squeezing closed using clamping pliers, and can only be released by squeezing opening with a diagonal cutter. The clamp cannot be reused.



- Advantages:**
- Small design
 - "Self-suspended"
 - No protruding thread tongues (no risk of injury)
 - Insoluble
 - Larger clamping range than 1-ear clamps



clamp band is not tightend

clamp band is tightend

| Type zinc-plated steel (W1) | Type AISI 304L (W4) | Ø Clam- ping range | Width | Type zinc-plated steel (W1) | Type AISI 304L (W4) | Ø Clam- ping range | Width |
|--------------------------------|------------------------|-----------------------|-------|--------------------------------|------------------------|-----------------------|-------|
| SSO 5 | SSO 5 ES | 3.4 - 5 | 5 | SSO 20/4 | --- | 16 - 20 | 4 |
| SSO 7 | SSO 7 ES | 5 - 7 | 6 | SSO 20 | SSO 20 ES | 16 - 20 | 8.5 |
| SSO 9/4 | --- | 7 - 9 | 4 | SSO 22 | SSO 22 ES | 18 - 22 | 9 |
| SSO 9 | SSO 9 ES | 7 - 9 | 7 | SSO 23 | SSO 23 ES | 19 - 23 | 9 |
| SSO 11/3 | --- | 9 - 11 | 3 | SSO 25 | SSO 25 ES | 21 - 25 | 10 |
| SSO 11 | SSO 11 ES | 9 - 11 | 7 | SSO 28 | SSO 28 ES | 24 - 28 | 10 |
| SSO 13/4 | --- | 11 - 13 | 4 | SSO 31 | SSO 31 ES | 27 - 31 | 10 |
| SSO 13 | SSO 13 ES | 11 - 13 | 7 | SSO 34 | SSO 34 ES | 29.3 - 34 | 10 |
| SSO 15 | SSO 15 ES | 12.5 - 15 | 7.5 | SSO 37 | SSO 37 ES | 32 - 37 | 10 |
| SSO 17/4 | --- | 14 - 17 | 4 | SSO 40 | SSO 40 ES | 35 - 40 | 10 |
| SSO 17 | SSO 17 ES | 14 - 17 | 8 | SSO 43 | SSO 43 ES | 37.6 - 43 | 10 |
| SSO 18/4 | --- | 15 - 18 | 4 | SSO 46 | SSO 46 ES | 40.6 - 46 | 10 |



type KZ SSO

type KZS SSO

Clamping pliers for ear clamps

| Type | Clamping |
|---------|----------------|
| KZ SSO | Front |
| KZS SSO | Front and side |



Threaded nozzles & hose nozzles from page 64



Coupling sockets and plugs from page 150



Compressed air and water hoses from page 208



Ball valves from page 280