

STEPLESS® EAR CLAMPS

ASSEMBLY RECOMMENDATIONS

The clamp "ear" is deformed with a constant tool jaw force – this practice is referred to as "force priority closure". This assembly method ensures that a uniform and repeatable stress is applied to the joint in addition to a consistent tensile force on the clamp interlock. Employing this methodology when closing a 167 series clamp will compensate for any component tolerance variations, and ensure that the clamp applies a constant radial force to the application. Fluctuations in component tolerances are absorbed by variations in the "ear" gap (s). Clamp installation monitoring and process data collection are available by incorporating an "Electronically Controlled Pneumatic Power Tool" Oetiker ELK in the assembly process.

IMPORTANT

- The ear height is naturally given. Do not influence the ear height, either by changing the ear gap or with built-in hold-down devices in installation tools.
- Single tool stroke closure only, do not apply secondary crimping force.



4145

New

STEPLESS® EAR CLAMPS 167 SERIES

5 MM BAND WIDTH, 0.5 MM THICKNESS

PART NUMBER	SIZE RANGE	EAR WIDTH INSIDE
OET16702488	5.3 – 6.5 mm	4.0 mm
OET16700001	5.8 – 7.0 mm	4.0 mm
OET16700002	6.8 – 8.0 mm	4.0 mm
OET16700003	7.0 – 8.7 mm	5.5 mm
OET16702491	7.3 – 9.0 mm	5.5 mm
OET16700004	7.8 – 9.5 mm	5.5 mm
OET16700005	8.3 – 10.0 mm	5.5 mm
OET16700006	8.8 – 10.5 mm	5.5 mm
OET16702492	9.2 – 10.9 mm	5.5 mm
OET16700007	9.6 – 11.3 mm	5.5 mm
OET16700008	10.1 – 11.8 mm	5.5 mm

FEATURES

- Corrosion resistance according to DIN EN ISO 9227
- Narrow band: concentrates transmission of clamping force, less weight
- Stepless over 360°: uniform compression or uniform surface pressure
- Clamp ear: compensates for component tolerances, adjustable surface pressure
- Dimple: increases clamping force, spring-effect compensates for changes in diameter due to thermal expansion
- Burr-free strip edges: reduced risk of damage to parts being clamped

SPECIFICATIONS

Material	Stainless steel 1.4301 / UNS S30400
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New

STEPLESS® EAR CLAMPS 167 SERIES

7 MM BAND WIDTH, 0.6 MM THICKNESS

PART NUMBER	SIZE RANGE	EAR WIDTH INSIDE
OET16702951	9.4 – 11.9 mm	8 mm
OET16700009	9.8 – 12.3 mm	8 mm
OET16702493	10.3 – 12.8 mm	8 mm
OET16700010	10.8 – 13.3 mm	8 mm
OET16700011	11.3 – 13.8 mm	8 mm
OET16700012	11.5 – 14.0 mm	8 mm
OET16702864	11.7 – 14.2 mm	8 mm
OET16700013	12.0 – 14.5 mm	8 mm
OET16700014	12.3 – 14.8 mm	8 mm
OET16700015	12.8 – 15.3 mm	8 mm
OET16700016	13.2 – 15.7 mm	8 mm
OET16702998	13.5 – 16.0 mm	8 mm
OET16702494	13.7 – 16.2 mm	8 mm
OET16702495	14.1 – 16.6 mm	8 mm
OET16702496	14.3 – 16.8 mm	8 mm
OET16700017	14.5 – 17.0 mm	8 mm
OET16702497	15.0 – 17.5 mm	8 mm
OET16700018	14.6 – 17.8 mm	10 mm
OET16700019	14.8 – 18.0 mm	10 mm
OET16700020	15.3 – 18.5 mm	10 mm
OET16700110	16.0 – 19.2 mm	10 mm
OET16702498	16.6 – 19.8 mm	10 mm
OET16700024	17.8 – 21.0 mm	10 mm
OET16700026	19.4 – 22.6 mm	10 mm
OET16700028	20.3 – 23.5 mm	10 mm
OET16700029	20.9 – 24.1 mm	10 mm
OET16700031	22.4 – 25.6 mm	10 mm
OET16700033	23.9 – 27.1 mm	10 mm
OET16700035	25.4 – 28.6 mm	10 mm
OET16702047	26.9 – 30.1 mm	10 mm
OET16700039	27.6 – 30.8 mm	10 mm
OET16700040	28.4 – 31.6 mm	10 mm
OET16700042	29.9 – 33.1 mm	10 mm
OET16700044	31.4 – 34.6 mm	10 mm
OET16700046	32.9 – 36.1 mm	10 mm
OET16700048	34.4 – 37.6 mm	10 mm
OET16700050	34.9 – 38.1 mm	10 mm
OET16700052	36.4 – 39.6 mm	10 mm
OET16700053	37.8 – 41.0 mm	10 mm
OET16700054	39.3 – 42.5 mm	10 mm
OET16700055	40.8 – 44.0 mm	10 mm
OET16700056	42.3 – 45.5 mm	10 mm
OET16700057	43.8 – 47.0 mm	10 mm
OET16700058	45.3 – 48.5 mm	10 mm
OET16700059	46.8 – 50.0 mm	10 mm

REPAIR KITS

OETIKER REPAIR KIT CONTENTS

30 x OET-0305	15 x OET-1315	4 x OET-2225
30 x OET-0507	10 x OET-1517	4 x OET-2327
20 x OET-0709	10 x OET-1518	4 x OET-2528
20 x OET-0811	8 x OET-1720	2 x OET-2831
20 x OET-0911	6 x OET-1922	2 x OET-3134
20 x OET-1113	6 x OET-2023	2 x OET-3437



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OETIKER REPAIR KIT

PART NUMBER	DESCRIPTION
KIT-OET	140 Assorted ear clips