



2-Ear version: [extended clamping range](#)

Compact one-piece clamp: [for robust, secure connections](#)

Clamp ear: [fast and simple installation, visible deformation provides evidence of proper closure](#)

Deburred edges: [reduced risk of damage to parts being clamped](#)

2-Ear Clamps Product Group 101 & 151

Material

PG 101 [Steel, Material no. 1.0338/SAE 1008/1010, zinc-plated](#)

PG 151 [Stainless Steel, Material no. 1.4307/UNS S30403](#)

Corrosion resistance according to DIN EN ISO 9227

PG 101 [≥ 96 h](#)

PG 151 [≥ 800 h](#)

Size range

[4.1 – 46.0 mm](#)

[Some sizes are only available if an appropriate minimum quantity is ordered.](#)

Oetiker 2-Ear Clamps

The ears of these clamps do not have a dimple and nearly double the clamping range, compared to the 1-ear clamp. 2 ears provide a degree of elasticity to accommodate changes in size of the parts being joined, such as that which may be caused by thermal expansion or vibration.

Installation techniques are similar to those for 1-Ear Clamps, but the force applied when closing the second ear may react against

the opposing closed ear and make a second crimping operation necessary. For perfect sealing, the ears must be adequately closed during installation.

Assembly recommendations

The ears of these clamps should be closed with the recommended, uniform force (known as force priority). This method will result in a constant, reproducible stress within the clamp material, without overloading either the clamp or the parts being assembled. The nominal diameter of the clamp should always be chosen so that, when installed with the correct clamping force, the ears are almost closed. Complete process monitoring and 100% process documentation are available using the “Electronically Controlled Pneumatic Power Tool” Oetiker ELK.

Closing force

The following table shows the maximum applied closing force for different material dimensions.

Important

Single tool stroke closure only, do not apply secondary crimping force.

Order information

Item No.	Ref. No.	Ear width inside (mm)	Size range (mm)	Item No.	Ref. No.	Size range (mm)
1-Ear Clamps with insert, stainless				2-Ear Clamps, zinc-plated		
15400010	03.3RER	1.4	2.5 – 2.9	10100000	0041	3.1 – 4.1
15400011	03.5RER	1.4	2.7 – 3.1	10100001	0045	3.5 – 4.5
15400012	04.1RER	2.5	2.9 – 3.7	10100002	0305	3.4 – 5
15400063	04.6RER	3	3.4 – 4.2	10100004	0507	5 – 7
15400013	05.1RER	3.2	3.7 – 4.7	10100008	0709	7 – 9
15400064	05.6RER	3.2	4.2 – 5.2	10100011	0811	8.1 – 11
15400014	06.1RER	3.2	4.7 – 5.7	10100016	1113	10.8 – 13
15400015	06.6RER	3.2	5.2 – 6.2	10100019	1315	12.5 – 15
15400016	07.0RER	3	5.6 – 6.5	10100022	1517	14 – 17
15400017	07.5RER	3.5	5.9 – 7	10100024	1518	15 – 18
15400018	08.0RER	4	6.3 – 7.5	10100097	1619	16 – 19
15400019	08.3RER	4	6.6 – 7.8	10100027	1720	16.2 – 20
15400020	08.7RER	4	7 – 8.2	10100029	1922	18 – 22
15400021	09.0RER	5	7 – 8.5	10100030	2023	19 – 23
15400022	09.5RER	5	7.5 – 9	10100032	2225	21 – 25
15400023	10.0RER	5	8 – 9.5	10100034	2327	22.5 – 27
15400024	10.5RER	5	8.5 – 10	10100035	2528	24 – 28
15400025	11.0RER	5.5	8.8 – 10.5	10100037	2731	26.3 – 31
15400026	11.3RER	5.5	9.1 – 10.8	10100041	3134	29.3 – 34
15400027	11.8RER	5.5	9.6 – 11.3	10100043	3437	32 – 37
15400028	12.0RER	6.5	9.5 – 11.5	10100045	3740	35 – 40
15400029	12.3RER	6.5	9.8 – 11.8	10100047	4043	37.6 – 43
15400030	12.8RER	6.5	10.3 – 12.3	10100049	4346	40.6 – 46
15400031	13.3RER	6.5	10.6 – 12.6	2-Ear Clamps, stainless		
15400032	13.8RER	6.5	11.1 – 13.1	15100000	0041R	3.1 – 4.1
15400033	14.0RER	6.5	11.3 – 13.3	15100001	0045R	3.5 – 4.5
15400034	14.5RER	6.5	11.8 – 13.8	15100002	0305R	3.4 – 5
15400035	15.0RER	6.5	12.3 – 14.3	15100003	0507R	5 – 7
15400036	15.5RER	6.5	12.8 – 14.8	15100004	0709R	7 – 9
15400037	16.0RER	7	13.1 – 15.3	15100023	0811R	8 – 11
15400038	16.5RER	8	13.2 – 15.8	15100006	1113R	11 – 13
15400039	16.8RER	7	13.9 – 16.1	15100007	1315R	12.5 – 15
15400040	17.5RER	7	14.6 – 16.8	15100008	1517R	14 – 17
15400041	18.5RER	7	15.6 – 17.8	15100009	1518R	15 – 18
15400042	19.5RER	7.5	16.5 – 18.8	15100010	1720R	16.2 – 20
15400043	20.0RER	7.5	17.1 – 19.3	15100011	1922R	18.1 – 22
15400044	20.7RER	9	17.1 – 20	15100012	2023R	19.1 – 23
15400045	21.0RER	7.5	18 – 20.3	15100013	2225R	21.1 – 25
15400046	21.8RER	7.5	18.8 – 21.1	15100014	2327R	22.5 – 27
15400065	22.5RER	8.5	19.2 – 21.8	15100015	2528R	24 – 28
15400048	23.5RER	8.5	20.2 – 22.8	15100016	2731R	26.3 – 31
15400049	24.5RER	9	21 – 23.8	15100018	3134R	29.3 – 34
15400050	25.5RER	9	22 – 24.8	15100019	3437R	32 – 37
15400051	26.3RER	8.5	23 – 25.6	15100020	3740R	35 – 40
15400052	27.0RER	9.5	23.3 – 26.3	15100021	4043R	37.6 – 43
15400053	30.7RER	11	26.5 – 30	15100022	4346R	40.6 – 46