



Connecting Technology

MRO BOOK

Clamps, Clamp Kits and Installation Tools



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Prices listed are in U.S. Dollars
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OETIKER StepLess® Ear Clamps 167

Part Number	Size Ref. mm	Range (mm) Closed-Open	Range (inches) Closed-Open	Quantity Per Bag
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167 Material: Stainless Steel, Material No. 1.4301/UNS S30400

Band Dimension: 5 x 0.5 mm

16702488	6.5	5.3 - 6.5	.209 - .256	100
16700001	7.0	5.8 - 7.0	.228 - .276	100
16706953	7.5	6.3 - 7.5	.248 - .295	100
16700002	8.0	6.8 - 8.0	.268 - .315	100
16700003	8.7	7.0 - 8.7	.276 - .343	100
16700004	9.5	7.8 - 9.5	.307 - .374	100
16700005	10.0	8.3 - 10.0	.327 - .394	100
16700006	10.5	8.8 - 10.5	.346 - .413	100
16702492	10.9	9.2 - 10.9	.362 - .429	100
16700007	11.3	9.6 - 11.3	.378 - .445	100
16700008	11.8	10.1 - 11.8	.398 - .465	100

Band Dimension: 7 x 0.6 mm

16700009	12.3	9.8 - 12.3	.386 - .484	100
16702493	12.8	10.3 - 12.8	.406 - .504	100
16700010	13.3	10.8 - 13.3	.425 - .524	100
16700011	13.8	11.3 - 13.8	.445 - .543	100
16700012	14.0	11.5 - 14.0	.453 - .551	100
16700013	14.5	12.0 - 14.5	.472 - .571	100
16700015	15.3	12.8 - 15.3	.504 - .602	100
16700016	15.7	13.2 - 15.7	.520 - .618	100
16702494	16.2	13.7 - 16.2	.539 - .638	100
16700017	17.0	14.5 - 17.0	.571 - .669	100
16700020	18.5	15.3 - 18.5	.602 - .728	100
16702498	19.8	16.6 - 19.8	.654 - .780	100
16700024	21.0	17.8 - 21.0	.701 - .827	100
16700026	22.6	19.4 - 22.6	.764 - .890	100
16700028	23.5	20.3 - 23.5	.799 - .925	100
16700029	24.1	20.9 - 24.1	.823 - .949	100
16700031	25.6	22.4 - 25.6	.882 - 1.008	100
16700033	27.1	23.9 - 27.1	.941 - 1.067	100
16700035	28.6	25.4 - 28.6	1.000 - 1.126	100
16700037	30.1	26.9 - 30.1	1.059 - 1.185	100
16700040	31.6	28.4 - 31.6	1.118 - 1.244	100
16700042	33.1	29.9 - 33.1	1.177 - 1.303	100
16700044	34.6	31.4 - 34.6	1.236 - 1.362	100
16700046	36.1	32.9 - 36.1	1.295 - 1.421	100
16704963	37.6	34.4 - 37.6	1.354 - 1.480	100
16705000	38.1	34.9 - 38.1	1.374 - 1.500	100
16702031	38.5	35.3 - 38.5	1.390 - 1.516	100
16705322	39.6	36.4 - 39.6	1.433 - 1.559	100
16705989	41.0	37.8 - 41.0	1.488 - 1.614	100

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OETIKER StepLess® Ear Clamps 167

Part Number	Size Ref. mm	Range (mm) Closed-Open	Range (inches) Closed-Open	Quantity Per Bag
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167 Material: Stainless Steel, Material No. 1.4301/UNS S30400

Band Dimension: 7 x 0.6 mm

16705828	42.5	39.3 - 42.5	1.547 - 1.673	100
16703640	44.0	40.8 - 44.0	1.606 - 1.732	100
16704685	45.5	42.3 - 45.5	1.665 - 1.791	100
16705181	47.0	43.8 - 47.0	1.724 - 1.850	100
16704968	48.5	45.3 - 48.5	1.784 - 1.909	100
16706325	50.0	46.8 - 50.0	1.843 - 1.969	100
16700060	51.5	48.3 - 51.5	1.902 - 2.028	100
16700934	52.2	49.0 - 52.2	1.929 - 2.055	100
16700061	53.0	49.8 - 53.0	1.961 - 2.087	100
16702014	53.5	50.3 - 53.5	1.980 - 2.106	100
16700062	54.5	51.3 - 54.5	2.020 - 2.146	100
16700063	56.0	52.8 - 56.0	2.079 - 2.205	100
16700064	57.5	54.3 - 57.5	2.138 - 2.264	100
16700065	59.0	55.8 - 59.0	2.197 - 2.323	100
16700066	60.5	57.3 - 60.5	2.260 - 2.382	100
16700067	62.0	58.8 - 62.0	2.315 - 2.441	100
16700068	63.5	60.3 - 63.5	2.374 - 2.500	100
16700069	65.0	61.8 - 65.0	2.433 - 2.559	100
16702015	66.0	62.8 - 66.0	2.472 - 2.598	100
16700070	66.5	63.3 - 66.5	2.492 - 2.618	100
16700071	68.0	64.8 - 68.0	2.551 - 2.667	100
16700072	69.5	66.3 - 69.5	2.610 - 2.736	100
16700073	71.0	67.8 - 71.0	2.669 - 2.795	100
16700074	72.5	69.3 - 72.5	2.728 - 2.854	100
16700075	74.0	70.8 - 74.0	2.787 - 2.913	100
16700076	75.5	72.3 - 75.5	2.847 - 2.972	100
16700077	77.0	73.8 - 77.0	2.906 - 3.032	100
16700078	78.5	75.3 - 78.5	2.965 - 3.091	100
16700079	80.0	76.8 - 80.0	3.024 - 3.150	100
16700080	81.5	78.3 - 81.5	3.083 - 3.209	100
16700081	83.0	79.8 - 83.0	3.142 - 3.268	100
16700082	84.5	81.3 - 84.5	3.201 - 3.327	100
16700083	86.0	82.8 - 86.0	3.260 - 3.386	100
16700084	87.5	84.3 - 87.5	3.319 - 3.445	100
16700085	89.0	85.8 - 89.0	3.378 - 3.504	100
16700086	90.5	87.3 - 90.5	3.437 - 3.563	100
16700087	92.0	88.8 - 92.0	3.496 - 3.622	100
16700088	93.5	90.3 - 93.5	3.555 - 3.681	100
16703791	94.0	90.8 - 94.0	3.575 - 3.701	100
16700089	95.0	91.8 - 95.0	3.614 - 3.740	100
16700090	96.5	93.3 - 96.5	3.673 - 3.799	100
16700091	98.0	94.8 - 98.0	3.732 - 3.858	100

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OETIKER StepLess® Ear Clamps 167

Part Number	Size Ref. mm	Range (mm) Closed-Open	Range (inches) Closed-Open	Quantity Per Bag
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167 Material: Stainless Steel, Material No. 1.4301/UNS S30400

Band Dimension: 7 x 0.6 mm

16700092	99.5	96.3 - 99.5	3.791 - 3.917	100
16700093	101.0	97.8 - 101.0	3.850 - 3.976	100
16700094	102.5	99.3 - 102.5	3.909 - 4.035	100
16700095	104.0	100.8 - 104.0	3.969 - 4.095	100
16700096	105.5	102.3 - 105.5	4.028 - 4.154	100
16700097	107.0	103.8 - 107.0	4.087 - 4.213	100
16700098	108.5	105.3 - 108.5	4.146 - 4.272	100
16700099	110.0	106.8 - 110.0	4.205 - 4.331	100
16700100	111.5	108.3 - 111.5	4.264 - 4.390	100
16700101	113.0	109.8 - 113.0	4.323 - 4.449	100
16700102	114.5	111.3 - 114.5	4.382 - 4.508	100
16700103	116.0	112.8 - 116.0	4.441 - 4.567	100
16700104	117.5	114.3 - 117.5	4.500 - 4.626	100
16700105	119.0	115.8 - 119.0	4.559 - 4.685	100
16700106	120.5	117.3 - 120.5	4.618 - 4.744	100

Band Dimension: 9 x 0.6 mm

16700196	21.0	17.8 - 21.0	.701 - .827	100
16700198	22.6	19.4 - 22.6	.764 - .890	100
16700201	24.1	20.9 - 24.1	.823 - .949	100
16700203	25.6	22.4 - 25.6	.882 - 1.008	100
16700205	27.1	23.9 - 27.1	.941 - 1.067	100
16700207	28.6	25.4 - 28.6	1.000 - 1.126	100
16700209	30.1	26.9 - 30.1	1.059 - 1.185	100
16700212	31.6	28.4 - 31.6	1.118 - 1.244	100
16700214	33.1	29.9 - 33.1	1.177 - 1.303	100
16700216	34.6	31.4 - 34.6	1.236 - 1.362	100
16702564	35.5	32.3 - 35.5	1.272 - 1.398	100
16700218	36.1	32.9 - 36.1	1.295 - 1.421	100
16700220	37.6	34.4 - 37.6	1.354 - 1.480	100
16700929	38.5	35.3 - 38.5	1.390 - 1.516	100
16707306	39.6	36.4 - 39.6	1.433 - 1.559	100
16700225	41.0	37.8 - 41.0	1.488 - 1.614	100
16700226	42.5	39.3 - 42.5	1.547 - 1.673	100
16700227	44.0	40.8 - 44.0	1.606 - 1.732	100
16700228	45.5	42.3 - 45.5	1.665 - 1.791	100
16700229	47.0	43.8 - 47.0	1.724 - 1.850	100
16700230	48.5	45.3 - 48.5	1.784 - 1.909	100
16700231	50.0	46.8 - 50.0	1.843 - 1.969	100
16707480	51.5	48.3 - 51.5	1.902 - 2.028	100

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OETIKER

StepLess® Ear Clamps

167

Part Number	Size Ref. mm	Range (mm) Closed-Open	Range (inches) Closed-Open	Quantity Per Bag
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167 Material: Stainless Steel, Material No. 1.4301/UNS S30400

Band Dimension: 9 x 0.6 mm

16700233	53.0	49.8 - 53.0	1.961 - 2.087	100
16700234	54.5	51.3 - 54.5	2.020 - 2.146	100
16700235	56.0	52.8 - 56.0	2.079 - 2.205	100
16700236	57.5	54.3 - 57.5	2.138 - 2.264	100
16700937	58.3	55.1 - 58.3	2.169 - 2.295	100
16707540	59.0	55.8 - 59.0	2.197 - 2.323	100
16700238	60.5	57.3 - 60.5	2.260 - 2.382	100
16700239	62.0	58.8 - 62.0	2.315 - 2.441	100
16700240	63.5	60.3 - 63.5	2.374 - 2.500	100
16700241	65.0	61.8 - 65.0	2.433 - 2.559	100
16700242	66.5	63.3 - 66.5	2.492 - 2.618	100
16700243	68.0	64.8 - 68.0	2.551 - 2.667	100
16700940	68.5	65.3 - 68.5	2.591 - 2.697	100
16700244	69.5	66.3 - 69.5	2.610 - 2.736	100
16700245	71.0	67.8 - 71.0	2.669 - 2.795	100
16700246	72.5	69.3 - 72.5	2.728 - 2.854	100
16700247	74.0	70.8 - 74.0	2.787 - 2.913	100
16700248	75.5	72.3 - 75.5	2.847 - 2.972	100
16700249	77.0	73.8 - 77.0	2.906 - 3.032	100
16700250	78.5	75.3 - 78.5	2.965 - 3.091	100
16700251	80.0	76.8 - 80.0	3.024 - 3.150	100
16700252	81.5	78.3 - 81.5	3.083 - 3.209	100
16700745	83.0	79.8 - 83.0	3.142 - 3.268	100
16700254	84.5	81.3 - 84.5	3.201 - 3.327	100
16700255	86.0	82.8 - 86.0	3.260 - 3.386	100
16700256	87.5	84.3 - 87.5	3.319 - 3.445	100
16700257	89.0	85.8 - 89.0	3.378 - 3.504	100
16700258	90.5	87.3 - 90.5	3.437 - 3.563	100
16700259	92.0	88.8 - 92.0	3.496 - 3.622	100
16707325	93.5	90.3 - 93.5	3.555 - 3.681	100
16700261	95.0	91.8 - 95.0	3.614 - 3.740	100
16700262	96.5	93.3 - 96.5	3.673 - 3.799	100
16700263	98.0	94.8 - 98.0	3.732 - 3.858	100
16700264	99.5	96.3 - 99.5	3.791 - 3.917	100
16700265	101.0	97.8 - 101.0	3.850 - 3.976	100
16700266	102.5	99.3 - 102.5	3.909 - 4.035	100
16700460	103.2	100.0 - 103.6	3.937 - 4.063	100
16700267	104.0	100.8 - 104.0	3.969 - 4.095	100
16700268	105.5	102.3 - 105.5	4.028 - 4.154	100
16700269	107.0	103.8 - 107.0	4.087 - 4.213	100
16700270	108.5	105.3 - 108.5	4.146 - 4.272	50
16700483	109.0	105.8 - 109.0	4.165 - 4.360	50

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OETIKER StepLess® Ear Clamps 167

Part Number	Size Ref. mm	Range (mm) Closed-Open	Range (inches) Closed-Open	Quantity Per Bag
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167 Material: Stainless Steel, Material No. 1.4301/UNS S30400

Band Dimension: 9 x 0.6 mm

16700271	110.0	106.8 - 110.0	4.205 - 4.331	50
16700272	111.5	108.3 - 111.5	4.264 - 4.390	50
16700273	113.0	109.8 - 113.0	4.323 - 4.449	50
16700274	114.5	111.3 - 114.5	4.382 - 4.508	50
16700275	116.0	112.8 - 116.0	4.441 - 4.567	50
16700276	117.5	114.3 - 117.5	4.500 - 4.626	50
16700277	119.0	115.8 - 119.0	4.559 - 4.685	50
16700278	120.5	117.3 - 120.5	4.618 - 4.744	50

Band Dimension: 7 x 0.8 mm

16705509	17.5	15.0 - 17.5	.591 - .689	100
16703721	18.3	15.8 - 18.3	.622 - .720	100
16704785	18.7	16.2 - 18.7	.638 - .736	100
16704786	19.0	16.5 - 19.0	.650 - .748	100
16705510	19.3	16.8 - 19.3	.661 - .760	100
16705511	19.8	17.3 - 19.8	.681 - .780	100
16705329	20.5	18.0 - 20.5	.709 - .807	100
16705296	20.8	18.3 - 20.8	.720 - .819	100

Band Dimension: 9 x 0.8 mm

16700666	24.1	20.9 - 24.1	.823 - .949	100
16700682	29.2	26.0 - 29.2	1.024 - 1.150	100
16700292	30.1	26.9 - 30.1	1.059 - 1.185	100
16700446	30.7	27.5 - 30.7	1.083 - 1.209	100
16700295	31.6	28.4 - 31.6	1.118 - 1.244	100
16700297	33.1	29.9 - 33.1	1.177 - 1.303	100
16700299	34.6	31.4 - 34.6	1.236 - 1.362	100
16700301	36.1	32.9 - 36.1	1.295 - 1.421	100
16700303	37.6	34.4 - 37.6	1.354 - 1.480	100
16700304	38.0	34.8 - 38.0	1.370 - 1.496	100
16700307	39.6	36.4 - 39.6	1.433 - 1.559	100
16700308	41.0	37.8 - 41.0	1.488 - 1.614	100
16700309	42.5	39.3 - 42.5	1.547 - 1.673	100
16700310	44.0	40.8 - 44.0	1.606 - 1.732	100
16700931	44.5	41.3 - 44.5	1.626 - 1.752	100
16700311	45.5	42.3 - 45.5	1.665 - 1.791	100
16700312	47.0	43.8 - 47.0	1.724 - 1.850	100
16700313	48.5	45.3 - 48.5	1.784 - 1.909	100
16700314	50.0	46.8 - 50.0	1.843 - 1.969	100
16700744	51.0	47.8 - 51.0	1.882 - 2.008	100
16700315	51.5	48.3 - 51.5	1.902 - 2.028	100
16700316	53.0	49.8 - 53.0	1.961 - 2.087	100
16700317	54.5	51.3 - 54.5	2.020 - 2.146	100
16700318	56.0	52.8 - 56.0	2.079 - 2.205	100
16700319	57.5	54.3 - 57.5	2.138 - 2.264	100
16700320	59.0	55.8 - 59.0	2.197 - 2.323	100
16700321	60.5	57.3 - 60.5	2.260 - 2.382	100

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OETIKER

StepLess® Ear Clamps

167

Part Number	Size Ref. mm	Range (mm) Closed-Open	Range (inches) Closed-Open	Quantity Per Bag
-------------	--------------	------------------------	----------------------------	------------------

167 Material: Stainless Steel, Material No. 1.4301/UNS S30400

Band Dimension: 9 x 0.8 mm

16700322	62.0	58.8 - 62.0	2.315 - 2.441	100
16700323	63.5	60.3 - 63.5	2.374 - 2.500	100
16705987	64.0	60.8 - 64.0	2.394 - 2.520	100
16700324	65.0	61.8 - 65.0	2.433 - 2.559	100
16706007	65.5	62.3 - 65.5	2.453 - 2.579	100
16700325	66.5	63.3 - 66.5	2.492 - 2.618	100
16700326	68.0	64.8 - 68.0	2.551 - 2.667	100
16700327	69.5	66.3 - 69.5	2.610 - 2.736	100
16700328	71.0	67.8 - 71.0	2.669 - 2.795	100
16700329	72.5	69.3 - 72.5	2.728 - 2.854	100
16700330	74.0	70.8 - 74.0	2.787 - 2.913	100
16700331	75.5	72.3 - 75.5	2.847 - 2.972	100
16700332	77.0	73.8 - 77.0	2.906 - 3.032	100
16700333	78.5	75.3 - 78.5	2.965 - 3.091	100
16700334	80.0	76.8 - 80.0	3.024 - 3.150	100
16700335	81.5	78.3 - 81.5	3.083 - 3.209	100
16700336	83.0	79.8 - 83.0	3.142 - 3.268	100
16700337	84.5	81.3 - 84.5	3.201 - 3.327	100
16700338	86.0	82.8 - 86.0	3.260 - 3.386	100
16700339	87.5	84.3 - 87.5	3.319 - 3.445	100
16700340	89.0	85.8 - 89.0	3.378 - 3.504	100
16700341	90.5	87.3 - 90.5	3.437 - 3.563	100
16700342	92.0	88.8 - 92.0	3.496 - 3.622	100
16700343	93.5	90.3 - 93.5	3.555 - 3.681	100
16700344	95.0	91.8 - 95.0	3.614 - 3.740	100
16700345	96.5	93.3 - 96.5	3.673 - 3.799	100
16700346	98.0	94.8 - 98.0	3.732 - 3.858	100
16700347	99.5	96.3 - 99.5	3.791 - 3.917	100
16700348	101.0	97.8 - 101.0	3.850 - 3.976	100
16700349	102.5	99.3 - 102.5	3.909 - 4.035	100
16700350	104.0	100.8 - 104.0	3.969 - 4.095	50
16700354	110.0	106.8 - 110.0	4.205 - 4.331	50
16700356	113.0	109.8 - 113.0	4.323 - 4.449	100

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OETIKER StepLess® Ear Clamps 167

Part Number	Size Ref. mm	Range (mm) Closed-Open	Range (inches) Closed-Open	Quantity Per Bag
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167 Material: Stainless Steel, Material No. 1.4301/UNS S30400

Band Dimension: 10 x 0.8 mm

16705507	28.9	25.7 - 26.9	1.012 - 1.138	100
16705385	29.6	26.4 - 29.6	1.039 - 1.165	100
16704932	32.0	28.8 - 32.0	1.134 - 1.260	100
16703022	33.0	29.8 - 33.0	1.173 - 1.299	100
16704346	34.0	30.8 - 34.0	1.213 - 1.339	100
16705411	34.6	31.4 - 34.6	1.236 - 1.362	100
16704216	35.4	32.2 - 35.4	1.268 - 1.394	100
16704351	36.5	33.3 - 36.5	1.311 - 1.437	100

Band Dimension: 10 x 1.0 mm

16703250	81.5	78.3 - 81.5	3.083 - 3.209	100
16704925	88.8	85.6 - 88.8	3.370 - 3.496	100
16700613	89.6	86.4 - 89.6	3.402 - 3.528	50
16704233	92.5	89.3 - 92.5	3.516 - 3.642	50
16705445	95.4	92.2 - 95.4	3.630 - 3.756	50
16700628	96.5	93.3 - 96.5	3.673 - 3.799	50
16704824	99.5	96.3 - 99.5	3.791 - 3.917	50
16704239	99.8	96.6 - 99.8	3.803 - 3.929	50
16702552	100.8	97.6 - 100.8	3.843 - 3.969	50
16706690	106.3	103.1 - 106.3	4.059 - 4.185	50
16700475	106.7	103.5 - 106.7	4.075 - 4.201	50
16706509	115.0	111.8 - 115.0	4.402 - 4.528	50
16706700	121.3	118.1 - 121.3	4.650 - 4.776	50

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OETIKER

2-Ear Clamps

101

Part Number	Size Ref. mm	Range (mm) Closed-Open	Range (inches) Closed-Open	Quantity Per Bag
101 Material: Steel, Material no. 1.0338/SAE 1008/1010, zinc plated				
10100000	0041	3.1 - 4.1	.122 - .161	100
10100001	0045	3.5 - 4.5	.138 - .177	100
10100002	0305	3.4 - 5.0	.134 - .197	100
10100004	0507	5.0 - 7.0	.197 - .276	100
10100008	0709	7.0 - 9.0	.276 - .354	100
10100011	0811	8.1 - 11.0	.319 - .433	100
10100016	1113	10.8 - 13.0	.425 - .512	100
10100019	1315	12.5 - 15.0	.492 - .591	100
10100022	1517	14.0 - 17.0	.551 - .669	100
10100024	1518	15.0 - 18.0	.591 - .709	100
10100027	1720	16.2 - 20.0	.638 - .787	100
10100029	1922	18.0 - 22.0	.709 - .866	100
10100030	2023	19.0 - 23.0	.748 - .906	100
10100032	2225	21.0 - 25.0	.827 - .984	100
10100034	2327	22.5 - 27.0	.886 - 1.063	100
10100035	2528	24.0 - 28.0	.945 - 1.102	100
10100037	2731	26.3 - 31.0	1.035 - 1.220	100
10100039	2831	27.0 - 31.0	1.063 - 1.220	100
10100041	3134	29.3 - 34.0	1.154 - 1.339	100
10100043	3437	32.0 - 37.0	1.260 - 1.457	100
10100045	3740	35.0 - 40.0	1.378 - 1.575	100
10100047	4043	37.6 - 43.0	1.480 - 1.693	100
10100049	4346	40.6 - 46.0	1.598 - 1.811	100

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OETIKER 2-Ear Clamps 151

Part Number	Size Ref. mm	Range (mm) Closed-Open	Range (inches) Closed-Open	Quantity Per Bag
151 Material: Stainless Steel, Material no. 1.4301/UNS S30400				
15100000	0041R	3.1 - 4.1	.122 - .161	100
15100001	0045R	3.5 - 4.5	.138 - .177	100
15100002	0305R	3.4 - 5.0	.134 - .197	100
15100003	0507R	5.0 - 7.0	.197 - .276	100
15100004	0709R	7.0 - 9.0	.276 - .354	100
15100023	0811R	8.0 - 11.0	.315 - .433	100
15100006	1113R	11.0 - 13.0	.433 - .512	100
15100007	1315R	12.5 - 15.0	.492 - .591	100
15100008	1517R	14.0 - 17.0	.551 - .669	100
15100009	1518R	15.0 - 18.0	.591 - .709	100
15100010	1720R	16.2 - 20.0	.638 - .787	100
15100011	1922R	18.1 - 22.0	.713 - .866	100
15100012	2023R	19.1 - 23.0	.752 - .906	100
15100013	2225R	21.1 - 25.0	.831 - .984	100
15100014	2327R	22.5 - 27.0	.886 - 1.063	100
15100015	2528R	24.0 - 28.0	.945 - 1.102	100
15100016	2731R	26.3 - 31.0	1.035 - 1.220	100
15100018	3134R	29.3 - 34.0	1.154 - 1.339	100
15100019	3437R	32.0 - 37.0	1.260 - 1.457	100
15100020	3740R	35.0 - 40.0	1.378 - 1.575	100
15100021	4043R	37.6 - 43.0	1.480 - 1.693	100
15100022	4346R	40.6 - 46.0	1.598 - 1.811	100

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OETIKER

1-Ear Clamps with Mechanical Interlock

105

Part Number	Size Reference/ Ear Description	Range (mm) Closed-Open	Range (inches) Closed-Open	Quantity Per Bag
105 Material: Zinc coated steel (G90)				
10500070	101/5.5E	8.3 - 10.1	.327 - .398	100
10500000	105/5E	8.9 - 10.5	.350 - .413	100
10500337	113/5E	9.7 - 11.3	.382 - .445	100
10500333	123/6E	10.4 - 12.3	.409 - .484	100
10500325	133/6E	11.4 - 13.3	.449 - .524	100
10500334	140/6.5E	11.9 - 14.0	.469 - .551	100
10500338	145/6E	12.6 - 14.5	.496 - .571	100
10500339	157/7E	13.5 - 15.7	.531 - .618	100
10500328	170/6E	15.1 - 17.0	.594 - .669	100
10500010	185/9E	15.7 - 18.5	.618 - .728	100
10500340	198/9E	17.0 - 19.8	.669 - .780	100
10500012	210/9E	18.2 - 21.0	.717 - .827	100
10500331	226/9E	19.8 - 22.6	.780 - .890	100
10500330	241/9E	21.3 - 24.1	.839 - .949	100
10500327	256/9E	22.8 - 25.6	.898 - 1.008	100
10500341	271/10E	24.0 - 27.1	.945 - 1.067	100
10500329	286/10E	25.5 - 28.6	1.004 - 1.126	100
10500342	301/10E	27.0 - 30.1	1.063 - 1.185	100
10500343	316/10E	28.5 - 31.6	1.122 - 1.244	100
10500324	331/10E	30.0 - 33.1	1.181 - 1.303	100
10500249	346/10E	31.5 - 34.6	1.240 - 1.362	100
10500323	361/10E	33.0 - 36.1	1.299 - 1.421	100
10500326	376/10E	34.5 - 37.6	1.358 - 1.480	100
10500344	381/10E	35.0 - 38.1	1.378 - 1.500	100
10500345	396/10E	36.5 - 39.6	1.437 - 1.559	100
10500332	410/10E	37.9 - 41.0	1.492 - 1.614	100
10500346	425/10E	39.4 - 42.5	1.551 - 1.673	100
10500347	440/10E	40.9 - 44.0	1.610 - 1.732	100
10500335	455/10E	42.4 - 45.4	1.669 - 1.787	100
10500348	470/10E	43.9 - 47.0	1.728 - 1.850	100
10500336	485/10E	45.4 - 48.5	1.787 - 1.909	100

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OETIKER

1-Ear Clamps with Mechanical Interlock

105

Part Number	Size Reference/ Ear Description	Range (mm) Closed-Open	Range (inches) Closed-Open	Quantity Per Bag
105 Material: Zinc coated steel (G90)				
10500349	500/10E	46.9 - 50.0	1.846 - 1.969	100
10500350	515/10E	48.4 - 51.5	1.906 - 2.028	100
10500351	530/10E	49.9 - 53.0	1.965 - 2.087	100
10500352	545/10E	51.4 - 54.5	2.024 - 2.146	100
10500353	560/10E	52.9 - 56.0	2.083 - 2.205	100
10500354	575/10E	54.4 - 57.5	2.142 - 2.264	100
10500355	590/10E	55.9 - 59.0	2.201 - 2.323	100
10500356	605/10E	57.4 - 60.5	2.260 - 2.382	100
10500357	620/10E	58.9 - 62.0	2.319 - 2.441	100
10500358	635/10E	60.4 - 63.5	2.378 - 2.500	100
10500359	650/10E	61.9 - 65.0	2.437 - 2.559	100
10500360	665/10E	63.4 - 66.5	2.496 - 2.618	100
10500361	680/10E	60.9 - 68.0	2.555 - 2.667	100
10500362	695/10E	66.4 - 69.5	2.614 - 2.736	100
10500363	710/10E	67.9 - 71.0	2.673 - 2.795	100
10500364	725/10E	69.4 - 72.5	2.732 - 2.854	100
10500365	740/10E	70.9 - 74.0	2.791 - 2.913	100
10500366	755/10E	72.4 - 75.5	2.850 - 2.972	100
10500367	770/10E	73.9 - 77.0	2.909 - 3.031	100
10500368	785/10E	75.4 - 78.5	2.968 - 3.090	100
10500369	800/10E	76.9 - 80.0	3.028 - 3.150	100
10500370	815/10E	78.4 - 81.5	3.087 - 3.209	100
10500371	830/10E	79.9 - 83.0	3.146 - 3.268	100
10500372	845/10E	81.4 - 84.5	3.205 - 3.327	100
10500373	860/10E	82.9 - 86.0	3.264 - 3.386	100
10500374	875/10E	84.4 - 87.5	3.323 - 3.445	100
10500375	890/10E	85.9 - 89.0	3.382 - 3.504	100
10500376	905/10E	87.4 - 90.5	3.441 - 3.563	100
10500377	920/10E	88.9 - 92.0	3.500 - 3.622	100
10500378	935/10E	90.4 - 93.5	3.559 - 3.681	100
10500379	950/10E	91.9 - 95.0	3.618 - 3.740	100
10500380	965/10E	93.4 - 96.5	3.677 - 3.799	100
10500381	980/10E	94.9 - 98.0	3.736 - 3.858	100
10500382	995/10E	96.4 - 99.5	3.795 - 3.917	100

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OETIKER

1-Ear Clamps with Mechanical Interlock

155

Part Number	Size Ref. (mm)	Range (mm) Closed-Open	Range (inches) Closed-Open	Quantity Per Bag
155 Material: Stainless Steel, Material no. 1.4301/UNS S30400				
15500070	101	8.3 - 10.1	.327 - .398	100
15500000	105	8.9 - 10.5	.350 - .413	100
15500001	113	9.7 - 11.3	.382 - .445	100
15500002	123	10.4 - 12.3	.409 - .484	100
15500003	133	11.4 - 13.3	.449 - .524	100
15500006	140	11.9 - 14.0	.469 - .551	100
15500007	145	12.6 - 14.5	.496 - .571	100
15500071	152	12.6 - 15.2	.496 - .598	100
15500008	157	13.8 - 15.7	.543 - .618	100
15500072	165	13.9 - 16.5	.547 - .650	100
15500009	170	15.1 - 17.0	.595 - .669	100
15500010	185	15.7 - 18.5	.618 - .728	100
15500011	198	17.0 - 19.8	.669 - .780	100
15500012	210	18.2 - 21.0	.717 - .827	100
15500013	226	19.8 - 22.6	.780 - .890	100
15500014	241	21.3 - 24.1	.839 - .949	100
15500015	256	22.8 - 25.6	.898 - 1.008	100
15500016	271	24.0 - 27.1	.945 - 1.067	100
15500017	286	25.5 - 28.6	1.004 - 1.126	100
15500018	301	27.0 - 30.1	1.063 - 1.185	100
15500019	316	28.5 - 31.6	1.122 - 1.244	100
15500020	331	30.0 - 33.1	1.181 - 1.303	100
15500021	346	31.5 - 34.6	1.240 - 1.362	100
15500022	361	33.0 - 36.1	1.299 - 1.421	100
15500023	376	34.5 - 37.6	1.358 - 1.480	100
15500024	381	35.0 - 38.1	1.378 - 1.500	100
15500025	396	36.5 - 39.6	1.437 - 1.559	100
15500026	410	37.9 - 41.0	1.492 - 1.614	100
15500027	425	39.4 - 42.5	1.551 - 1.673	100
15500028	440	40.9 - 44.0	1.610 - 1.732	100
15500029	455	42.4 - 45.4	1.669 - 1.791	100
15500030	470	43.9 - 47.0	1.728 - 1.850	100
15500031	485	45.4 - 48.5	1.787 - 1.909	100

IRRIGATION SERVICE CLAMP KIT - contains 20 each 3/4" (198R), 40 each 13/16" (210R), 72 each 1-1/16" (271R), 60 each 1-5/16" (331R), 12 each 1-11/16" (425R), 6 each 1-7/8" (485R) 1-Ear Clamps and 1 pair Standard Jaw Pincers.
18500144 1-Ear Clamps with Mechanical Interlock (stainless steel)

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OETIKER

1-Ear Clamps with Mechanical Interlock

155

Part Number	Size Ref. (mm)	Range (mm) Closed-Open	Range (inches) Closed-Open	Quantity Per Bag
155 Material: Stainless Steel, Material no. 1.4301/UNS S30400				
15500032	500	46.9 - 50.0	1.847 - 1.969	100
15500033	515	48.4 - 51.5	1.906 - 2.028	100
15500034	530	49.9 - 53.0	1.965 - 2.087	100
15500035	545	51.4 - 54.5	2.024 - 2.146	100
15500036	560	52.9 - 56.0	2.083 - 2.205	100
15500037	575	54.4 - 57.5	2.142 - 2.264	100
15500038	590	55.9 - 59.0	2.201 - 2.323	100
15500039	605	57.4 - 60.5	2.260 - 2.382	100
15500040	620	58.9 - 62.0	2.319 - 2.441	100
15500041	635	60.4 - 63.5	2.378 - 2.500	100
15500042	650	61.9 - 65.0	2.437 - 2.559	100
15500043	665	63.4 - 66.5	2.496 - 2.618	100
15500044	680	64.9 - 68.0	2.555 - 2.677	100
15500045	695	66.4 - 69.5	2.614 - 2.736	100
15500046	710	67.9 - 71.0	2.673 - 2.795	100
15500047	725	69.4 - 72.5	2.732 - 2.854	100
15500048	740	70.9 - 74.0	2.791 - 2.913	100
15500049	755	72.4 - 75.5	2.850 - 2.972	100
15500050	770	73.9 - 77.0	2.909 - 3.032	100
15500051	785	75.4 - 78.5	2.969 - 3.091	100
15500052	800	76.9 - 80.0	3.028 - 3.150	100
15500053	815	78.4 - 81.5	3.087 - 3.209	100
15500054	830	79.9 - 83.0	3.146 - 3.268	100
15500055	845	81.4 - 84.5	3.205 - 3.327	100
15500056	860	82.9 - 86.0	3.264 - 3.386	100
15500057	875	84.4 - 87.5	3.323 - 3.445	100
15500058	890	85.9 - 89.0	3.382 - 3.504	100
15500059	905	87.4 - 90.5	3.441 - 3.563	100
15500060	920	88.9 - 92.0	3.500 - 3.622	100
15500061	935	90.4 - 93.5	3.559 - 3.681	100
15500062	950	91.9 - 95.0	3.618 - 3.740	100
15500063	965	93.4 - 96.5	3.677 - 3.799	100
15500064	980	94.9 - 98.0	3.736 - 3.858	100
15500065	995	96.4 - 99.5	3.795 - 3.917	100

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OETIKER

Adjustable Clamps with radial guiding

163

Part Number	Size Ref. (mm)	Range (mm) Closed-Open	Range (inches) Closed-Open	Quantity Per Bag
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163 Material: Stainless Steel, Material no. 1.4301/UNS S30400

3 adjustment positions

Band width 7 mm, thickness 0.6 mm, Ear width 10 mm

16300022	30	23.6 - 30.0	.929 - 1.181	100
16300179	32	25.6 - 32.0	1.008 - 1.260	100
16300023	35	28.6 - 35.0	1.126 - 1.378	100
16300251	37	30.6 - 37.0	1.205 - 1.457	100
16300024	40	33.6 - 40.0	1.323 - 1.575	100
16300025	45	38.6 - 45.0	1.520 - 1.772	100
16300026	50	43.6 - 50.0	1.717 - 1.969	100

6 adjustment positions

Band width 7 mm, thickness 0.6 mm, Ear width 10 mm

16300027	56	47.5 - 56.0	1.870 - 2.205	100
16300028	62	53.5 - 62.0	2.106 - 2.441	100
16300029	68	59.5 - 68.0	2.343 - 2.677	100
16300030	74	65.5 - 74.0	2.579 - 2.913	100
16300031	80	71.5 - 80.0	2.815 - 3.150	100
16300032	86	77.5 - 86.0	3.051 - 3.386	100
16300033	92	83.5 - 92.0	3.287 - 3.622	100
16300051	94	85.5 - 94.0	3.366 - 3.701	100
16300034	98	89.5 - 98.0	3.524 - 3.858	100
16300035	104	95.5 - 104.0	3.760 - 4.094	100
16300250	107	98.5 - 107.0	3.878 - 4.213	100
16300036	110	101.5 - 110.0	3.996 - 4.331	100
16300037	116	107.5 - 116.0	4.232 - 4.567	100

4 adjustment positions

Band width 9 mm, thickness 0.6 mm, Ear width 10 mm

16300038	72	64.0 - 72.0	2.520 - 2.835	100
16300039	78	70.0 - 78.0	2.756 - 3.071	100
16300040	84	76.0 - 84.0	2.992 - 3.307	100
16300041	90	82.0 - 90.0	3.228 - 3.543	100
16300042	96	88.0 - 96.0	3.465 - 3.780	100
16300043	102	94.0 - 102.0	3.701 - 4.016	50
16300044	108	100.0 - 108.0	3.937 - 4.252	50
16300046	114	106.0 - 114.0	4.173 - 4.488	50
16300045	120	112.0 - 120.0	4.409 - 4.724	50
16300053	126	118.0 - 126.0	4.646 - 4.961	50
16300129	132	124.0 - 132.0	4.882 - 5.197	50

CV Joint Replacement Kit

18500016 CV Joint Replacement Kit (7 mm)

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OETIKER

Adjustable Clamps with radial guiding

113

Part Number	Size Ref. (mm)	Range (mm) Closed-Open	Range (inches) Closed-Open	Quantity Per Bag
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113 Material: High strength steel, Material no. 1.0934
Coating: zinc plated

3 adjustment positions

Band width 7 mm, thickness 0.6 mm, Ear width 10 mm

11300020	30	23.6 - 30.0	.929 - 1.181	100
11300000	32	25.6 - 32.0	1.008 - 1.260	100
11300001	35	28.6 - 35.0	1.126 - 1.378	100
11300002	37	30.6 - 37.0	1.205 - 1.457	100
11300003	40	33.6 - 40.0	1.323 - 1.575	100
11300004	45	38.6 - 45.0	1.520 - 1.772	100
11300021	50	43.6 - 50.0	1.717 - 1.969	100

6 adjustment positions

Band width 7 mm, thickness 0.6 mm, Ear width 10 mm

11300028	56	47.5 - 56.0	1.870 - 2.205	100
11300017	62	53.5 - 62.0	2.106 - 2.441	100
11300029	68	59.5 - 68.0	2.343 - 2.677	100
11300018	74	65.5 - 74.0	2.579 - 2.913	100
11300005	80	71.5 - 80.0	2.815 - 3.150	100
11300006	86	77.5 - 86.0	3.051 - 3.386	100
11300007	92	83.5 - 92.0	3.287 - 3.622	100
11300008	94	85.5 - 94.0	3.366 - 3.701	100
11300009	98	89.5 - 98.0	3.524 - 3.858	100
11300010	104	95.5 - 104.0	3.760 - 4.094	100
11300030	107	98.5 - 107.0	3.878 - 4.213	100
11300011	110	101.5 - 110.0	3.996 - 4.331	100
11300019	116	107.5 - 116.0	4.232 - 4.567	100

4 adjustment positions

Band width 9 mm, thickness 0.6 mm, Ear width 10 mm

11300022	72	64.0 - 72.0	2.520 - 2.835	100
11300023	78	70.0 - 78.0	2.756 - 3.071	100
11300024	84	76.0 - 84.0	2.992 - 3.307	100
11300012	90	82.0 - 90.0	3.228 - 3.543	100
11300013	96	88.0 - 96.0	3.465 - 3.780	100
11300014	102	94.0 - 102.0	3.701 - 4.016	50
11300015	108	100.0 - 108.0	3.937 - 4.252	50
11300016	114	106.0 - 114.0	4.173 - 4.488	50
11300025	120	112.0 - 120.0	4.409 - 4.724	50
11300026	126	118.0 - 126.0	4.645 - 4.961	50
11300027	132	124.0 - 132.0	4.882 - 5.197	50

*Ref. size = condition as supplied: formed and engaged at the mid-diameter

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OETIKER

1-Ear Clamps

153

Part Number	Size Ref. mm	Range (mm) Closed-Open	Range (inches) Closed-Open	Quantity Per Bag
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153 Material: Stainless Steel, Material no. 1.4301/UNS S30400

15300000	3.3	2.9 - 3.3	.114 - .130	100
15300001	3.5	3.0 - 3.5	.118 - .138	100
15300002	4.1	3.3 - 4.1	.130 - .161	100
15300054	4.6	3.7 - 4.6	.146 - .181	100
15300003	5.1	4.1 - 5.1	.161 - .201	100
15300055	5.6	4.6 - 5.6	.181 - .220	100
15300004	6.1	5.1 - 6.1	.201 - .240	100
15300005	6.6	5.6 - 6.6	.221 - .260	100
15300006	7	6.1 - 7.0	.240 - .276	100
15300007	7.5	6.5 - 7.5	.256 - .295	100
15300008	8	6.8 - 8.0	.268 - .315	100
15300010	8.7	7.5 - 8.7	.295 - .343	100
15300012	9.5	8.1 - 9.5	.319 - .374	100
15300013	10	8.5 - 10.0	.335 - .394	100
15300014	10.5	9.1 - 10.5	.358 - .413	100
15300015	11	9.3 - 11.0	.366 - .433	100
15300016	11.3	9.6 - 11.3	.378 - .445	100
15300017	11.8	10.1 - 11.8	.398 - .465	100
15300018	12	10.1 - 12.0	.398 - .472	100
15300019	12.3	10.3 - 12.3	.406 - .484	100
15300020	12.8	10.8 - 12.8	.425 - .504	100
15300021	13.3	11.3 - 13.3	.445 - .524	100
15300022	13.8	11.8 - 13.8	.465 - .543	100
15300023	14	12.0 - 14.0	.472 - .551	100
15300024	14.5	12.5 - 14.5	.492 - .571	100
15300026	15.5	13.5 - 15.5	.532 - .610	100
15300027	16	13.8 - 16.0	.543 - .630	100
15300029	16.8	14.6 - 16.8	.575 - .661	100
15300030	17.5	15.3 - 17.5	.602 - .689	100

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OETIKER

1-Ear Clamps with Insert

154

Part Number	Size Ref. mm	Range (mm) Closed-Open	Range (inches) Closed-Open	Quantity Per Bag
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154 Material: Clamp: Stainless Steel, Material no. 1.4301/UNS S30400 **Insert:** Stainless Steel, Material no. 1.4310/UNS S30100

15400010	03.3RER	2.5 - 2.9	.098 - .114	100
15400011	03.5RER	2.7 - 3.1	.106 - .122	100
15400012	04.1RER	2.9 - 3.7	.114 - .146	100
15400063	04.6RER	3.3 - 4.2	.130 - .165	100
15400013	05.1RER	3.7 - 4.7	.146 - .185	100
15400064	05.6RER	4.2 - 5.2	.165 - .205	100
15400014	06.1RER	4.7 - 5.7	.185 - .224	100
15400015	06.6RER	5.2 - 6.2	.205 - .244	100
15400016	07.0RER	5.6 - 6.5	.221 - .256	100
15400017	07.5RER	5.9 - 7.0	.232 - .276	100
15400018	08.0RER	6.3 - 7.5	.248 - .295	100
15400019	08.3RER	6.6 - 7.8	.260 - .307	100
15400020	08.7RER	7.0 - 8.2	.276 - .323	100
15400021	09.0RER	7.0 - 8.5	.276 - .335	100
15400022	09.5RER	7.5 - 9.0	.295 - .354	100
15400023	10.0RER	8.0 - 9.5	.315 - .374	100
15400024	10.5RER	8.5 - 10.0	.335 - .394	100
15400025	11.0RER	8.8 - 10.5	.347 - .413	100
15400026	11.3RER	9.1 - 10.8	.358 - .425	100
15400027	11.8RER	9.6 - 11.3	.378 - .445	100
15400028	12.0RER	9.5 - 11.5	.374 - .453	100
15400029	12.3RER	9.8 - 11.8	.386 - .465	100
15400030	12.8RER	10.3 - 12.3	.406 - .484	100
15400031	13.3RER	10.6 - 12.6	.417 - .496	100
15400032	13.8RER	11.1 - 13.1	.437 - .516	100
15400033	14.0RER	11.3 - 13.3	.445 - .524	100
15400034	14.5RER	11.8 - 13.8	.465 - .543	100
15400035	15.0RER	12.3 - 14.3	.484 - .563	100
15400036	15.5RER	12.8 - 14.8	.504 - .583	100
15400037	16.0RER	13.1 - 15.3	.516 - .602	100
15400038	16.5RER	13.2 - 15.8	.520 - .622	100
15400039	16.8RER	13.9 - 16.1	.547 - .634	100
15400040	17.5RER	14.6 - 16.8	.575 - .661	100

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OETIKER Self-Tensioning StepLess® Screw Clamps 178

Part Number	Size Reference	Bag Quantity	Part Number	Size Reference	Bag Quantity
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178 Material: Band, spacer, retaining elements (D-nut): Stainless Steel, Material no. 1.4301/UNS S30400
Screw: Stainless Steel, Material no. 1.4319/UNS S30200
Spring: 17-7PH (aerospace quality)

Self-Tensioning StepLess® Screw Clamps (9 mm wide / 3/8")

17800170	024S9	100
17800171	026S9	100
17800172	028S9	100
17800173	031S9	100
17800174	032S9	100
17800175	036S9	100
17800176	040S9	100
17800177	045S9	100
17800178	050S9	100
17800179	055S9	100
17800180	060S9	100
17800181	065S9	100
17800182	070S9	50
17800183	075S9	50
17800184	080S9	50
17800185	085S9	50
17800186	090S9	50
17800187	095S9	50
17800188	100S9	50
17800189	105S9	50
17800190	110S9	50
17800191	115S9	10
17800192	120S9	10
17800193	125S9	10
17800194	130S9	10

Self-Tensioning StepLess® Screw Clamps (9 mm wide / 3/8")

17800195	135S9	10
17800196	140S9	10
17800197	145S9	10
17800198	150S9	10
17800199	155S9	10
17800200	160S9	10
17800201	165S9	10
17800202	170S9	10
17800203	175S9	10
17800204	180S9	10
17800205	185S9	10
17800206	190S9	10
17800207	195S9	10
17800208	200S9	10
17800209	205S9	10
17800210	210S9	10
17800211	215S9	10
17800212	220S9	10
17800213	225S9	10
17800214	230S9	10
17800215	235S9	10
17800216	240S9	10
17800217	245S9	10
17800218	250S9	10
17800219	255S9	10

Packaging: various sizes may also be available in bags of 10.

Tool / Kit Information:

Part Number	Description
-------------	-------------

- 14100094 Flexible Screw Driver 6 mm
- 14100091 Spring Clamp Compression Tool (for clamps up to 42.0 mm dia.)
- 14100092 Spring Clamp Compression Tool (for clamps 45.0 mm dia. and larger)



Spring Clamp Rack

- 18500112 Clamp Rack (empty)
- 18500113 Spring Clamp Rack Kit (includes clamps, installation tool and display rack)

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OETIKER StepLess® Screw Clamps 178

Part Number	Size Reference	Bag Quantity	Part Number	Size Reference	Bag
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178 Material: Band, spacer, retaining elements (D-nut): Stainless Steel, Material no. 1.4301/UNS S30400
Screw: Stainless Steel, Material no. 1.4319/UNS S30200

Stepless® Screw Clamps (9 mm wide / 3/8")

17800120	024-9	100
17800121	026-9	100
17800122	028-9	100
17800123	031-9	100
17800124	032-9	100
17800125	036-9	100
17800126	040-9	100
17800127	045-9	100
17800128	050-9	100
17800129	055-9	100
17800130	060-9	100
17800131	065-9	100
17800132	070-9	50
17800133	075-9	50
17800134	080-9	50
17800135	085-9	50
17800136	090-9	50
17800137	095-9	50
17800138	100-9	50
17800139	105-9	50
17800140	110-9	50
17800141	115-9	10
17800142	120-9	10
17800143	125-9	10
17800144	130-9	10

Stepless® Screw Clamps (9 mm wide / 3/8")

17800145	135-9	10
17800146	140-9	10
17800147	145-9	10
17800148	150-9	10
17800149	155-9	10
17800150	160-9	10
17800151	165-9	10
17800152	170-9	10
17800153	175-9	10
17800154	180-9	10
17800155	185-9	10
17800156	190-9	10
17800157	195-9	10
17800158	200-9	10
17800159	205-9	10
17800160	210-9	10
17800161	215-9	10
17800162	220-9	10
17800163	225-9	10
17800164	230-9	10
17800165	235-9	10
17800166	240-9	10
17800167	245-9	10
17800168	250-9	10
17800169	255-9	10

Packaging: various sizes may also be available in bags of 10.

Tool Information:

Part Number	Description
-------------	-------------

14100094 Flexible Screw Driver 6 mm

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OETIKER

Worm Drive Clamps

conform to SAE¹ J1508 Type "F"
126

Part Number	SAE Size	Standard Box Qty.	Min. Dia. (in.)	Max. Dia. (in.)
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Description: 1/2" Worm Drive Clamps (SAE Type "F"). Standard worm drive clamps are suitable for most common home and automotive repairs. The bands have clean punched rectangular perforations that hold strong and connect easily.

Material Specifications:
(Stainless Steel and Plated Parts)

Screw: 5/16" hex-head, plated carbon steel.

Band: 1/2" band width, 301 stainless steel.

Housing: 301 stainless steel.

12600359	6	10	3/8"	7/8"
12600374	8	10	7/16"	1"
12600375	10	10	1/2"	1-1/16"
12600376	12	10	9/16"	1-1/4"
12600377	16	10	11/16"	1-1/2"
12600378	20	10	3/4"	1-3/4"
12600379	24	10	1"	2"
12600380	28	10	1-1/4"	2-1/4"
12600381	32	10	1-1/2"	2-1/2"
12600382	36	10	1 13/16"	2-3/4"
12600383	40	10	2"	3"
12600384	44	10	2-1/4"	3-1/4"
12600385	48	10	2-1/2"	3-1/2"
12600386	52	10	2-3/4"	3-3/4"
12600387	56	10	3"	4"
12600388	60	10	3-1/4"	4-1/4"
12600389	64	10	2-1/2"	4-1/2"
12600390	72	10	3"	5"
12600391	80	10	3-1/2"	5-1/2"
12600392	88	10	4"	6"
12600393	96	10	4-1/2"	6-1/2"
12600394	104	10	5"	7"

¹ SAE = Society of Automotive Engineers

Part Number	Description
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Installation Tool

14100316 Flexible Nut Driver (*with reversible socket - 1/4" & 5/16")
*Flip the socket for desired size.



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OETIKER

Worm Drive Clamps

conform to SAE¹ J1508 Type "F"
177

Part Number	SAE Size	Standard Box Qty.	Min. Dia. (in.)	Max. Dia. (in.)
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Description: All Stainless Steel, 1/2" Worm Drive Clamps (SAE Type "F"). Standard worm drive clamps are suitable for most common home and automotive repairs. The bands have clean punched rectangular perforations that hold strong and connect easily.

Material Specifications:
(ALL Stainless Steel Parts)

Screw: 5/16" hex-head, 410 stainless steel.

Band: 1/2" band width, 301 stainless steel.

Housing: 301 stainless steel.

17700338	6	10	3/8"	7/8"
17700339	8	10	7/16"	1"
17700340	10	10	1/2"	1-1/16"
17700341	12	10	9/16"	1-1/4"
17700342	16	10	11/16"	1-1/2"
17700343	20	10	3/4"	1-3/4"
17700344	24	10	1"	2"
17700345	28	10	1-1/4"	2-1/4"
17700346	32	10	1-1/2"	2-1/2"
17700347	36	10	1 13/16"	2-3/4"
17700348	40	10	2"	3"
17700349	44	10	2-1/4"	3-1/4"
17700350	48	10	2-1/2"	3-1/2"
17700351	52	10	2-3/4"	3-3/4"
17700352	56	10	3"	4"
17700353	60	10	3-1/4"	4-1/4"
17700354	64	10	2-1/2"	4-1/2"
17700355	72	10	3"	5"
17700356	80	10	3-1/2"	5-1/2"
17700357	88	10	4"	6"
17700358	96	10	4-1/2"	6-1/2"
17700359	104	10	5"	7"

¹ SAE = Society of Automotive Engineers

Part Number	Description
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Installation Tool

14100316	Flexible Nut Driver (*with reversible socket - 1/4" & 5/16") *Flip the socket for desired size.
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OETIKER

Worm Drive Clamps

126, 174, 177

- Small Diameter Clamps
- Fuel Injection Clamps

MADE TO ORDER

Part Number	SAE Size	Standard Box Qty.	Min. Dia. (in.)	Max. Dia. (in.)
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Description: Part Stainless Steel, Small Diameter Clamps (SAE Type "M").
For small hose applications. Slim profile. Tiny, tough and precision engineered.

Material Specifications (stainless steel and plated parts):

Screw: 1/4" hex-head, plated carbon steel.

Band: 5/16" band width, 201/301 stainless steel.

Housing: Low profile, 201/301 stainless steel.



12600404	4	10	1/4"	5/8"
12600405	5	10	7/16"	11/16"
12600406	6	10	5/16"	7/8"
12600407	8	10	3/8"	1"
12600408	10	10	3/8"	1-1/16"
12600409	12	10	1/2"	1-1/4"
12600410	16	10	1/2"	1-1/2"
12600411	20	10	3/4"	1-3/4"
12600412	24	10	1"	2"
12600413	28	10	1-1/4"	2-1/4"
12600414	30	10	1-3/8"	2-3/8"
12600415	32	10	1-1/2"	2-1/2"

Description: 300 Grade Stainless Steel, Small Diameter Clamps (SAE Type "M").
For small hose applications. Slim profile. Tiny, tough and precision engineered.

Material Specifications (ALL stainless steel parts):

Screw: 1/4" hex-head, 300 stainless steel.

Band: 5/16" band width, 300 stainless steel.

Housing: Low profile, 300 stainless steel.



17700367	4	10	1/4"	5/8"
17700368	5	10	7/16"	11/16"
17700369	6	10	5/16"	7/8"
17700370	8	10	3/8"	1"
17700371	10	10	3/8"	1-1/16"
17700372	12	10	1/2"	1-1/4"
17700373	16	10	1/2"	1-1/2"
17700374	20	10	3/4"	1-3/4"
17700375	24	10	1"	2"
17700376	28	10	1-1/4"	2-1/4"
17700377	30	10	1-3/8"	2-3/8"
17700378	32	10	1-1/2"	2-1/2"

Installation Tool for Small Diameter Clamps (SAE Type "M") - See page 22 or 23.

Description: Fuel Injection Clamps (SAE Type "D"). Designed to provide the uniform sealing pressure required on fuel injection hose. They feature a solid band with rolled edges and a special nut and bolt design.

Material Specifications:

Screw: 7mm hex-head. Zinc plated, clear chromate, carbon steel.

Band: 9mm band width. Zinc plated, clear chromate, carbon steel.



17401368	4	10	7/16"	1/2"
17401369	6	10	1/2"	9/16"
17401370	8	10	9/16"	5/8"

Installation Tool for Fuel Injection Clamps (SAE Type "D"):

14100095 Flexible Screw Driver (7mm)

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OETIKER

Twin Clamps

108

Part Number	Size Reference/ Description	Range (mm) Closed-Open	Range (inches) Closed-Open	Quantity Per Bag
108 Material: Zinc-plated steel 1.0338 or SAE 1008/1010				
10800000	5 CLAMP 0405/2	4.0 - 5.0	.158 - .197	100
10800001	7 CLAMP 0607/2	6.0 - 7.0	.236 - .276	100
10800002	9 CLAMP 0809/2	8.0 - 9.0	.315 - .354	100
10800003	11 CLAMP 1011/2	10.0 - 11.0	.394 - .433	100
10800004	13 CLAMP 1213/2	12.0 - 13.0	.472 - .512	100
10800005	15 CLAMP 1415/2	14.0 - 15.0	.551 - .591	100
10800006	17 CLAMP 1617/2	16.0 - 17.0	.630 - .669	100
10800007	19 CLAMP 1819/2	18.0 - 19.0	.708 - .748	100
10800008	21 CLAMP 2021/2	20.0 - 21.0	.787 - .826	100
10800009	23 CLAMP 2223/2	22.0 - 23.0	.866 - .905	100



OETIKER

Adjustable C Clamps

109

Part Number	*Ref. Size (mm)	Diameter Range (mm)	Quantity Per Bag
109 Material: Zinc-plated steel band			
Band material 7 x 0.75 mm			
10900012	29.5	24.5 - 29.5	100
10900016	34.2	29.5 - 36.0	100
10900018	42.3	36.0 - 45.5	100
10900020	55.1	45.5 - 61.5	100
10900022	74.3	61.5 - 85.5	100
10900014	106.1	85.5 - 122.0	100
Band material 9 x 0.75 mm			
10900013	29.5	24.5 - 29.5	100
10900017	34.2	29.5 - 36.0	100
10900019	42.3	36.0 - 45.5	100
10900021	55.1	45.5 - 61.5	100
10900023	74.3	61.5 - 85.5	100
10900015	106.1	85.5 - 122.0	100

*Ref. size = PG 109 Adjustable Clamps are supplied pre-shaped and engaged at mid-diameter



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Adjustable Clamps

159

Part Number	Interlock Location	Diameter range (mm)	Carton Qty.
159 Material: Stainless Steel, Material no. 1.4301/UNS S30400			
Band width 7 mm, thickness 0.8 mm, Ear width 8.5 mm			
15900002	Interlock Outside	25.0 - 50.0	2,000
15900004	Interlock Outside	40.0 - 110.0	1,000
15900005	Interlock Inside	25.0 - 50.0	2,000
15900007	Interlock Inside	40.0 - 110.0	1,000

Product Group 159 clamps are supplied in flat form

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Worm Drive Clamps

180

MADE TO ORDER

NOTE: Please contact your local Oetiker representative who will be pleased to assist you with technical and application support.

Part No.	Clamping Range D (mm)
----------	-----------------------

180 Material: **W4 Band/Fastener:** Stainless Steel, Material no. 1.4301/UNS S30400
Screw: Stainless Steel, Material no. 1.4305/UNS S30300

Worm Drive Clamp - Screw clamp

18000206	30 - 60
18000025	50 - 80
18000026	80 - 110
18000027	110 - 140
18000028	140 - 170
18000029	170 - 200
18000030	200 - 230
18000031	230 - 260
18000032	260 - 290
18000033	290 - 320
18000034	320 - 350

Worm Drive Clamps - Screw clamp



Worm Drive Clamp - Screw clamp with wing screw

18000207	30 - 60
18000136	50 - 80
18000137	80 - 110
18000135	110 - 140
18000168	140 - 170
18000143	170 - 200
18000169	200 - 230
18000174	230 - 260
18000175	260 - 290
18000176	290 - 320
18000177	320 - 350

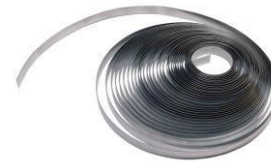
Worm Drive Clamps - Screw Clamps with wing screw



Universal Clamp Band- Band Width 8 mm, thickness 0.5 mm

18000211	Closing element for Stainless Steel; Universal Clamp Band
18000213	Universal Clamp Band, roll 10 m long
18000214	Universal Clamp Band, roll 20 m long
18000215	Universal Clamp Band, roll 30 m long

Universal clamp band



Universal Clamp Band - Band Width 12 mm, thickness 0.5 mm

18000211	Closing element for Stainless Steel; Universal Clamp Band
18000216	Universal Clamp Band, roll 10 m long
18000217	Universal Clamp Band, roll 20 m long
18000218	Universal Clamp Band, roll 30 m long

Closing element for universal clamp band



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OETIKER

Worm Drive Clamps Mini 180

MADE TO ORDER

NOTE: Please contact your local Oetiker representative who will be pleased to assist you with technical and application support.

Part Number	Type	Clamping Range D (mm)
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Material type R 180: W2 Band: rust-resistant chromium steel, 1.4016/UNS S43000. Screw/Housing: steel, zinc plated, blue chromate finish

Material type Mini R+S 180: W4 Band/Fastener: stainless steel, 1.4301/UNS S30400. Screw: stainless steel 1.4305/UNS S30300

Worm Drive Clamps Mini R

1800000	MINI R 1	6 - 11
1800001	MINI R 1.5	7 - 15
1800002	MINI R 2	11 - 19
18000248	MINI R 1 GZ	6 - 11
18000249	MINI R 2 GZ	9 - 19
18000252	MINI 1 S	6 - 11
18000254	MINI 2 S	11 - 19
18000255	MINI 1 GS	6 - 11
18000256	MINI 2 GS	9 - 19

Mini R Worm Drive Clamps
Optionally, these clamp can be supplied "open"



GZ = rolled with cylindrical screw head, **S** = open with hexagon-head screw, **GS** = rolled with hexagon-head screw

Worm Drive Clamps with cylindrical screw head Mini R+S

18000003	MINI R+S 1	7 - 11
18000004	MINI R+S 2	11 - 19
18000005	MINI R+S 3	18 - 29
18000006	MINI R+S 4	28 - 39
18000007	MINI R+S 5	38 - 49
18000008	MINI R+S 6	48 - 59
18000009	MINI R+S 7	58 - 69
18000010	MINI R+S 8	68 - 79
18000011	MINI R+S 9	78 - 89
18000012	MINI R+S 10	88 - 99
18000013	MINI R+S 11	98 - 109
18000014	MINI R+S 12	108 - 119
18000015	MINI R+S 13	118 - 129
18000016	MINI R+S 14	128 - 139
18000017	MINI R+S 15	138 - 149
18000018	MINI R+S 16	148 - 159
18000019	MINI R+S 17	158 - 169
18000020	MINI R+S 18	168 - 179
18000021	MINI R+S 19	178 - 189
18000022	MINI R+S 20	188 - 199
18000023	MINI R+S 21	198 - 209
18000024	MINI R+S 22	208 - 219

Worm Drive Clamps with cylindrical screw head
Mini R+S



Worm Drive Clamps with wing screw Mini R+S

18000183	MINI R+S F 1	7 - 11
18000184	MINI R+S F 2	11 - 19
18000185	MINI R+S F 3	18 - 29
18000186	MINI R+S F 4	28 - 39
18000187	MINI R+S F 5	38 - 49
18000188	MINI R+S F 6	48 - 59
18000189	MINI R+S F 7	58 - 69
18000190	MINI R+S F 8	68 - 79
18000191	MINI R+S F 9	78 - 89
18000192	MINI R+S F 10	88 - 99
18000193	MINI R+S F 11	98 - 109
18000194	MINI R+S F 12	108 - 119
18000195	MINI R+S F 13	118 - 129
18000196	MINI R+S F 14	128 - 139
18000197	MINI R+S F 15	138 - 149
18000198	MINI R+S F 16	148 - 159
18000199	MINI R+S F 17	158 - 169
18000200	MINI R+S F 18	168 - 179
18000201	MINI R+S F 19	178 - 189
18000202	MINI R+S F 20	188 - 199
18000203	MINI R+S F 21	198 - 209
18000204	MINI R+S F 22	208 - 219

Worm Drive Clamps with wing screw
Mini R+S



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OETIKER

Universal Clamps

174

Item Number	Ref. Number	Description	Packaged (sold as)
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174 Material: All parts are stainless steel, Material no. 1.4301/UNS S30400

7 mm Wide (1/4") Band Steel and StepLess Connectors

17400041	(706R2)	Ear Element - preformed/small (22.6 mm - 32 mm / 7/8" - 1-5/16")	Each
17400042	(706R3)	Ear Element - preformed/large (32 mm and larger / 1-1/4")	100 per bag
17400000	(540R7)	Screw Element - flat (43 mm / 1-11/16")	Each
17400044	540RS7)	StepLess® Spring Element - flat (43 mm / 1-11/16")	Each
17400059	(507R33)	Perf. Band Steel - with square holes (33 ft / 10 m roll)	Each
17400052	(507R100)	Perf. Band Steel - with square holes (100 ft / 30 m roll)	Each
17400053	(507R500)	Perf. Band Steel - with square holes (500 ft / 152 m roll)	Each

9 mm Wide (3/8") Band Steel and StepLess Connectors

17400045	(906R4)	Ear Element - flat (larger than 40 mm / 1-9/16")	Each
17400153	(906R4)	Ear Element - preformed (larger than 40 mm / 1-9/16")	Each
17400001	(540R9)	Screw Element - flat (50 mm / 2")	Each
17400047	(540RS9)	StepLess® Spring Element - flat (50 mm / 2")	Each
17400060	(509R33)	Perf. Band Steel - with square holes (33 ft / 10 m roll)	Each
17400049	(509R100)	Perf. Band Steel - with square holes (100 ft / 30 m roll)	Each
17400050	(509R500)	Perf. Band Steel - with square holes (500 ft / 152 m roll)	Each

10 mm Wide (3/8") Band Steel and Standard Connectors

17400063	(504R60-)	Ratchet Lock - curved / 60- (44 mm - 63 mm / 1-3/4" - 2-3/8")	Each
17400064	(504R60+)	Ratchet Lock - straight / 60+ (60 mm and larger / 2-3/8")	Each
17400003	(540R10-)	Screw Lock - curved (44 mm - 63 mm / 1-3/4" - 2-3/8")	Each
17400002	(540R10+)	Screw Lock - straight (60 mm and larger / 2-3/8")	Each
17400067	(501R33)	Perf. Band Steel - with oval holes (33 ft / 10 m roll)	Each
17400057	(501R100)	Perf. Band Steel - with oval holes (100 ft / 30 m roll)	Each
17400058	(501R500)	Perf. Band Steel - with oval holes (500 ft / 152 m roll)	Each



OETIKER

Universal Clamp Kits

Spring Clamp Rack

Kit Part Number	Kit Quantities	Components and Description	
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Oetiker Bandclamp Kits

18500001 Ratchet Lock Kit	5 5 m / 16 ft	17400063 17400066	Ratchet Locks - small dia. (60-) Perf. Bandsteel - 10 mm
18500002 Ratchet Lock Kit	5 5 m / 16 ft	17400064 17400066	Ratchet Locks - large dia. (60+) Perf. Bandsteel - 10 mm
18500003 Screw Lock Kit	5 5 m / 16 ft	17400003 17400066	Screw Locks - curved Perf. Bandsteel - 10 mm
18500004 Emergency Bandclamp Kit	3 1 1 5 m / 16 ft	17400003 17400063 17400064 17400066	Screw Locks - curved Ratchet Lock - small dia. (60-) Ratchet Lock - large dia. (60+) Perf. Bandsteel - 10 mm
18500016 CV Joint Replacement Kit	5 5 3.3 m / 10 ft	17400041 17400042 17400051	Ear Elements - small dia. Ear Elements - large dia. Perf. Bandsteel - 7 mm
18500018 Screw/Spring Element Kits	4 1 5 m / 16 ft	17400000 17400044 17400051	Screw Elements - flat StepLess® Spring Element - flat Perf. Bandsteel - 7 mm

08900243

Round Clear Plastic Box (empty)

Oetiker Spring Clamp and Rack Kit

18500113

Spring Clamp Rack Kit

Kit includes 10 each of the below referenced part numbers and 1 each 6mm Flexible Screw Driver (Part No. 14100094).

Part No.	Size Ref.	Clamp Range	
		mm	inches
17800171	026S9	21.0 - 26.0	13/16" - 1"
17800172	028S9	23.0 - 28.0	15/16" - 1-1/8"
17800173	031S9	26.0 - 31.0	1" - 1-3/16"
17800174	032S9	27.0 - 32.0	1-1/16" - 1-1/4"
17800175	036S9	31.0 - 36.0	1-3/16" - 1-7/16"
17800176	040S9	35.0 - 40.0	1-3/8" - 1-9/16"
17800177	045S9	38.5 - 45.0	1-1/2" - 1-3/4"
17800178	050S9	43.5 - 50.0	1-11/16" - 1-15/16"
17800179	055S9	48.5 - 55.0	1-15/16" - 2-1/8"
17800180	060S9	50.0 - 60.0	2" - 2-3/8"
17800181	065S9	55.0 - 65.0	2-3/16" - 2-9/16"
17800182	070S9	60.0 - 70.0	2-3/8" - 2-3/4"
17800183	075S9	65.0 - 75.0	2-9/16" - 2-15/16"
17800184	080S9	70.0 - 80.0	2-3/4" - 3-1/8"
17800185	085S9	75.0 - 85.0	2-15/16" - 3-5/16"

Spring Clamp Rack



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OETIKER

Multi Crimp Rings MCR

(with puzzle lock design)

150

MADE TO ORDER

NOTE: Please contact your local Oetiker representative who will be pleased to assist you with technical and application support.

Material

Aluminum, material EN AW-5754

Corrosion resistance according to DIN EN ISO 9227

150 ≥ 400h

Size range

24.5 – 120.0 mm

Material dimensions

7.0 x 1.5 mm

10.0 x 1.5 mm

Diameter reduction*

Ø 24.5 – Ø 26.5 mm: max. up to Ø 21.9 mm

Ø 27.0 – Ø 40.0 mm: max. 5 mm

Ø 40.5 – Ø 120.0 mm: max. 6 mm



OETIKER

Multi Crimp Rings MCR

(spirally welded)

150

MADE TO ORDER

NOTE: Please contact your local Oetiker representative who will be pleased to assist you with technical and application support.

Material

Stainless steel, material no. 1.4307/UNS S30403

Non-standard (annealed)

Ø 5.0 – Ø 19.0 mm: application-specific

Ø 19.5 – Ø 30.0 mm: max. 20%

Ø 30.5 – Ø 50.0 mm: max. 6 mm

Corrosion resistance according to DIN EN ISO 9227

PG 150 ≥ 800h

Size range

5.0 – 50.0 mm

Material dimensions

On request

Diameter reduction*

Standard (non-annealed)

Ø 5.0 – Ø 19.0 mm: application-specific

Ø 19.5 – Ø 50.0 mm: max. 12%

Individual diameters and product variants are only available in appropriate minimum quantities.

* The diameter reduction is dependent on the nominal diameter of the MCR.

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OETIKER Clamps ER 194

MADE TO ORDER

NOTE: Please contact your local Oetiker representative who will be pleased to assist you with technical and application support.

Part Number	Closed Clamp Dia. (mm)	Open Outer Clamp Dia. (mm)	Part Number	Closed Clamp Dia. (mm)	Open Outer Clamp Dia. (mm)	Part Number	Closed Clamp Dia. (mm)	Open Outer Clamp Dia. (mm)
-------------	------------------------	----------------------------	-------------	------------------------	----------------------------	-------------	------------------------	----------------------------

194 Material: Stainless Steel, Material No. 1.4310/UNS S30100

19400048	4.8	5.3	19400064	11.6	12.1	19400083	18.6	19.1
19400049	5	5.5	19400065	11.8	12.3	19400084	18.8	19.3
19400050	5.2	5.7	19400066	12	12.5	19700007	19	19.5
19400051	5.4	5.9	19400067	12.2	12.7	19400085	19.2	19.7
19400052	5.6	6.1	19400068	12.4	12.9	19400086	19.4	19.9
19400053	5.8	6.3	19400069	12.6	13.1	19400087	19.6	20.1
19400054	6	6.5	19400070	12.8	13.3	19400088	19.8	20.3
19400055	6.2	6.7	19400071	13	13.5	19400089	20	20.5
19400056	6.4	6.9	19400016	13.2	13.7	19400090	20.2	20.7
19400047	6.6	7.1	19400017	13.4	13.9	19400091	20.4	20.9
19400057	6.8	7.3	19400018	13.6	14.1	19400092	20.6	21.1
19400058	7	7.5	19400072	13.8	14.3	19400093	20.8	21.3
19400059	7.2	7.7	19400013	14	14.5	19400042	21	21.5
19400040	7.4	7.9	19400014	14.2	14.7	19400043	21.2	21.7
19400039	7.6	8.1	19400041	14.4	14.9	19400044	21.4	21.9
19400038	7.8	8.3	19400003	14.6	15.1	19400045	21.6	22.1
19400001	8	8.5	19400004	14.8	15.3	19400094	21.8	22.3
19400037	8.2	8.7	19400005	15	15.5	19400008	22	22.5
19400036	8.4	8.9	19400019	15.2	15.7	19400009	22.2	22.7
19400011	8.5		19400020	15.4	15.9	19400095	22.4	22.9
19400035	8.6	9.1	19400074	15.6	16.1	19400096	22.6	23.1
19400034	8.8	9.3	19400075	15.8	16.3	19400097	22.8	23.3
19400002	9	9.5	19400076	16	16.5	19400098	23	23.5
19400060	9.2	9.7	19400077	16.2	16.7	19400099	23.2	23.7
19400061	9.4	9.9	19400078	16.4	16.9	19400100	23.4	23.9
19400062	9.6	10.1	19400079	16.6	17.1	19400101	23.6	24.1
19400109	9.8	10.3	19400027	16.8	17.3	19400102	23.8	24.3
19400032	10	10.5	19400028	17	17.5	19400103	24	24.5
19400033	10.2	10.7	19400029	17.2	17.7	19400104	24.2	24.7
19400026	10.4	10.9	19400030	17.4	17.9	19400105	24.4	24.9
19400021	10.6	11.1	19400031	17.6	18.1	19400106	24.6	25.1
19400022	10.8	11.3	19400080	17.8	18.3	19400107	24.8	25.3
19400023	11	11.5	19400081	18	18.5	19400108	25	25.5
19400024	11.2	11.7	19400082	18.2	18.7			
19400063	11.4	11.9	19400046	18.4	18.9			

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OETIKER

StepLess® Low Profile Clamps 192

192

MADE TO ORDER

NOTE: Please contact your local Oetiker representative who will be pleased to assist you with technical and application support.

Part Number	Ø upon delivery (mm)	*Ø nominal, closed (mm)	Part Number	Ø upon delivery (mm)	*Ø nominal, closed (mm)	Part Number	Ø upon delivery (mm)	*Ø nominal, closed (mm)
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192 Material: Stainless Steel, Material no. 1.4301/UNS S30400

Tolerance compensation element 1-wave

Width 10 mm, thickness 0.8 mm

19200686	22.5	19.5
19200684	23	20
19200685	23.5	20.5
19200688	24	21
19200733	24.5	21.5
19200734	25	22
19200244	25.5	22.5
19200245	26	23
19200255	26.5	23.5
19200263	27	24
19200368	27.5	24.5
19200369	28	25
19200370	28.5	25.5
19200371	29	26
19200372	29.5	26.5
19200253	30	27
19200322	30.5	27.5
19200373	31	28
19200374	31.5	28.5
19200268	32	29
19200375	32.5	29.5
19200376	33	30
19200377	33.5	30.5
19200378	34	31
19200379	34.5	31.5
19200380	35	32
19200381	35.5	32.5
19200333	36	33
19200335	36.5	33.5
19200382	37	34
19200383	37.5	34.5
19200332	38	35
19200384	38.5	35.5
19200385	39	36
19200386	39.5	36.5
19200358	40	37
19200387	40.5	37.5
19200388	41	38
19200389	41.5	38.5
19200390	42	39
19200391	42.5	39.5
19200392	43	40
19200393	43.5	40.5

Tolerance compensation element 1-wave

Width 10 mm, thickness 0.8 mm

19200394	44	41
19200395	44.5	41.5
19200396	45	42
19200397	45.5	42.5
19200398	46	43
19200399	46.5	43.5
19200400	47	44
19200401	47.5	44.5
19200402	48	45
19200403	48.5	45.5
19200404	49	46
19200405	49.5	46.5
19200406	50	47
19200407	50.5	47.5
19200408	51	48
19200409	51.5	48.5
19200410	52	49
19200411	52.5	49.5
19200412	53	50
19200413	53.5	50.5
19200414	54	51
19200415	54.5	51.5
19200416	55	52
19200417	55.5	52.5
19200418	56	53
19200419	56.5	53.5
19200420	57	54
19200421	57.5	54.5
19200422	58	55
19200423	58.5	55.5
19200424	59	56
19200425	59.5	56.5
19200426	60	57
19200427	60.5	57.5
19200428	61	58
19200429	61.5	58.5
19200430	62	59
19200431	62.5	59.5
19200432	63	60

Optionally available with enlarged as-supplied diameter (greater closing travel).

Tolerance compensation element 3-wave

Width 10 mm, thickness 0.8 mm

19200454	44.5	40
19200455	45	40.5
19200350	45.5	41
19200352	46	41.5
19200456	46.5	42
19200457	47	42.5
19200458	47.5	43
19200459	48	43.5
19200460	48.5	44
19200461	49	44.5
19200462	49.5	45
19200463	50	45.5
19200464	50.5	46
19200465	51	46.5
19200466	51.5	47
19200467	52	47.5
19200468	52.5	48
19200469	53	48.5
19200470	53.5	49
19200471	54	49.5
19200472	54.5	50
19200473	55	50.5
19200474	55.5	51
19200339	56	51.5
19200340	56.5	52
19200475	57	52.5
19200476	57.5	53
19200477	58	53.5
19200478	58.5	54
19200479	59	54.5
19200480	59.5	55
19200481	60	55.5
19200482	60.5	56
19200483	61	56.5
19200484	61.5	57
19200485	62	57.5
19200486	62.5	58
19200487	63	58.5
19200488	63.5	59
19200489	64	59.5
19200490	64.5	60
19200491	65	60.5
19200492	65.5	61

* Without affecting the tolerance-compensation element (free state).
 * The availability of individual diameters may require a sufficient minimum quantity.



OETIKER

StepLess® Low Profile Clamps 192

192

MADE TO ORDER

NOTE: Please contact your local Oetiker representative who will be pleased to assist you with technical and application support.

Part Number	Ø upon delivery (mm)	*Ø nominal, closed (mm)	Part Number	Ø upon delivery (mm)	*Ø nominal, closed (mm)	Part Number	Ø upon delivery (mm)	*Ø nominal, closed (mm)
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192 Material: Stainless Steel, Material no. 1.4301/UNS S30400

Tolerance compensation element 3-wave			Tolerance compensation element 3-wave			Tolerance compensation element 3-wave		
Width 10 mm, thickness 0.8 mm			Width 10 mm, thickness 0.8 mm			Width 10 mm, thickness 0.8 mm		
19200493	66	61.5	19200537	89	84.5	19200580	112	107.5
19200494	66.5	62	19200538	89.5	85	19200581	112.5	108
19200495	67	62.5	19200539	90	85.5	19200582	113	108.5
19200496	67.5	63	19200540	90.5	86	19200583	113.5	109
19200341	68	63.5	19200541	91	86.5	19200584	114	109.5
19200342	68.5	64	19200542	91.5	87	19200585	114.5	110
19200497	69	64.5	19200543	92	87.5	19200586	115	110.5
19200498	69.5	65	19200544	92.5	88	19200587	115.5	111
19200499	70	65.5	19200545	93	88.5	19200588	116	111.5
19200500	70.5	66	19200546	93.5	89	19200589	116.5	112
19200501	71	66.5	19200547	94	89.5	19200590	117	112.5
19200502	71.5	67	19200548	94.5	90	19200591	117.5	113
19200503	72	67.5	19200362	95	90.5	19200592	118	113.5
19200504	72.5	68	19200549	95.5	91	19200593	118.5	114
19200505	73	68.5	19200550	96	91.5	19200594	119	114.5
19200506	73.5	69	19200551	96.5	92	19200595	119.5	115
19200507	74	69.5	19200552	97	92.5	19200596	120	115.5
19200508	74.5	70	19200553	97.5	93	19200597	120.5	116
19200509	75	70.5	19200554	98	93.5	19200598	121	116.5
19200510	75.5	71	19200555	98.5	94	19200599	121.5	117
19200511	76	71.5	19200556	99	94.5	19200600	122	117.5
19200512	76.5	72	19200557	99.5	95	19200601	122.5	118
19200513	77	72.5	19200558	100	95.5	19200602	123	118.5
19200514	77.5	73	19200559	100.5	96	19200603	123.5	119
19200515	78	73.5	19200560	101	96.5	19200604	124	119.5
19200516	78.5	74	19200561	101.5	97	19200605	124.5	120
19200517	79	74.5	19200562	102	97.5	19200606	125	120.5
19200518	79.5	75	19200563	102.5	98			
19200519	80	75.5	19200564	103	98.5			
19200520	80.5	76	19200565	103.5	99			
19200521	81	76.5	19200566	104	99.5			
19200522	81.5	77	19200567	104.5	100			
19200523	82	77.5	19200568	105	101			
19200524	82.5	78	19200569	105.5	101			
19200525	83	78.5	19200570	106	102			
19200526	83.5	79	19200571	106.5	102			
19200527	84	79.5	19200572	107	102.5			
19200528	84.5	80	19200573	107.5	103			
19200529	85	80.5	19200343	108	103.5			
19200530	85.5	81	19200348	108.5	104			
19200531	86	81.5	19200574	109	104.5			
19200532	86.5	82	19200575	109.5	105			
19200533	87	82.5	19200576	110	105.5			
19200534	87.5	83	19200577	110.5	106			
19200535	88	83.5	19200578	111	106.5			
19200536	88.5	84	19200579	111.5	107			

* Without affecting the tolerance-compensation element (free state).
 * The availability of individual diameters may require a sufficient minimum quantity.



Standard PEX

PEXGrip®

StepLess® Ear Clamps 167 PEX Clamp Series

www.pex.technology



Part Number	Size/Reference mm	PEX Tube (inch)	Range (mm) Closed-Open	Range (inches) Closed-Open	Quantity Per Bag
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167 Material: Stainless Steel, Material no. 1.4301/UNS S30400

PEX connecting solutions for markets compliant with Standard ASTM F877/F2098

Standard PEX Series

16703334	13.3-706R	3/8"	10.8 - 13.3	.425 - .524	100
16703335	17.5-708R	1/2"	14.3 - 17.5	.563 - .689	100
16705571	20.8-708R	5/8"	17.6 - 20.8	.693 - .819	50
16703336	23.3-908R	3/4"	20.1 - 23.3	.791 - .917	50
16704150	29.6-1010R	1"	26.4 - 29.6	1.039 - 1.165	50

PEXGrip® Series (with new PEXGrip® Technology - Patent Pending)

16707872	17.5-708R	1/2"	14.3 - 17.5	.563 - .689	100
16707955	23.3-908R	3/4"	20.1 - 23.3	.791 - .917	50

Part Number	Description	Quantity
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18500184 **Oetiker PEX Clamp Kit** 1 kit

Kit includes the three most common Oetiker clamps sizes used in the PEX industry; also includes an Oetiker 3-Handle Ratchet Pincer, which installs all sizes of Oetiker PEX clamps.

Kit Contents (as pictured at right):

16707872	17.5-708R (1/2" PEXGrip® Clamp)	180 pcs.
16707955	23.3-908R (3/4" PEXGrip® Clamp)	90 pcs.
16704150	29.6-1010R (1" Standard PEX Clamp)	30 pcs.
14100280	3-Handle Ratchet Pincer	1 pc.



Part Number	Description
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Oetiker Recommended Installation Tools (one tool installs all sizes of Oetiker PEX Clamps)

14100069	2-Handle Ratchet Pincer
14100337	DIY Economy 2-Handle Ratchet Pincers
14100280	3-Handle Ratchet Pincer
13900656	CP 02 Cordless Clamp Pincer Set
13900622	HO ME 5000 Pneumatic Pincer



Part no: 14100069
2-Handle Ratchet Pincer



Part no: 14100337
DIY Economy 2-Handle Ratchet Pincer



Part no: 14100280
3-Handle Ratchet Pincer



Part no: 13900656
CP 02 Cordless Clamp Pincer Set



Part no: 14100580
HO ME 5000 Pneumatic

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OETIKER Clamp Kits

Kit Part Numbers	Kit Contents and Description	
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Service Kits - contains 15 each of 9 mm (5/16"), 11 mm (3/8"), 13 mm (1/2"), 15 mm (9/16"), 18 mm (5/8") and 12 each of 20 mm (3/4"), 23 mm (7/8"), 25 mm (15/16"), 27 mm (1") 2-Ear Clamps, and 1 pair of pincers as listed.

18500056	2-Ear Clamps (zinc plated)	with Standard Jaw Pincers
18500057	2-Ear Clamps (zinc plated)	with Side Jaw Pincers
18500064	2-Ear Clamps (stainless steel)	with Standard Jaw Pincers
18500065	2-Ear Clamps (stainless steel)	with Side Jaw Pincers

Pocket Kits - contains 15 each of 13 mm (1/2"), 15 mm (9/16"), 18 mm (5/8"), 20 mm (3/4") 2-Ear Clamps, 5 each of 6 mm (1/4"), 8 mm (5/16") Hose Menders, and 1 pair of pincers as listed.

18500049	2-Ear Clamps (zinc plated)	with Standard Jaw Pincers
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Clamp Kit - contains 50 each of 11 mm (3/8"), 13 mm (1/2"), 15 mm (9/16"), 18 mm (5/8"), 25 each of 20 mm (3/4"), 23 mm (7/8") 2-Ear Clamps, 5 each of 6 mm (1/4"), 8 mm (5/16"), 10 mm (3/8"), 13 mm (1/2") Hose Menders, and 1 pair of pincers as listed.

18500045	2-Ear Clamps (zinc plated)	with Standard Jaw Pincers
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Construction Kit - contains 50 each of 25 mm (15/16"), 40 each 31 mm (1-1/8") 2-Ear Clamps and 6 each of 13 mm (1/2"), 19 mm (3/4") Hose Menders, and 1 pair of pincers as listed.

18500116	2-Ear Clamps (zinc plated)	with Long Handle (Standard Jaw) Pincers
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StepLess® Ear Clamp Kits - contains 10 each of 13.3 mm (1/2"), 14.5 mm (9/16"), 15.7 mm (5/8"), 18.5 mm (23/32"), 22.6 mm (7/8"), 25.6 mm (1"), 28.6 mm (1-1/8"), and 31.6 mm (1-1/4") Stepless Ear Clamps, and 1 pair of pincers as listed.

18500060	Stepless Ear Clamps (stainless steel)	with Standard Jaw Pincers
18500061	Stepless Ear Clamps (stainless steel)	with Side Jaw Pincers

Beverage Kit - contains 50 each of 8.7 mm (11/32"), 10.5 mm (13/32"), 11.3 mm (7/16"), 13.3 mm (1/2"), 14.5 mm (9/16"), 17.0 mm (11/16") Stepless Ear Clamps, and 1 pair of pincers as listed.

18500075	Stepless Ear Clamps (stainless steel)	with Side Jaw Pincers
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Welding Hose Repair Kit - contains 6 each of Oxygen "B" RH Brass Nuts, Acetylene "B" LH Brass Nuts, 1/4" Brass Nipples, 2 each of 3/16" Brass Nipples, 3/16" Brass Hose Menders; 4 each of 1/4" Brass Hose Menders, 9/16" (15 mm) Twin Clamps, 10 each of 1/2" (13 mm) 2-Ear Clamps, 40 each of 9/16" (15 mm) 2-Ear Clamps, and 1 pair Standard Jaw Pincers.

18500106	2-Ear and Twin Clamps (zinc plated) with brass fittings and Standard Jaw Pincers	
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Irrigation Service Kit - contains 20 each 3/4" (198R), 40 each 13/16" (210R), 72 each 1-1/16" (271R), 60 each 1-5/16" (331R), 12 each 1-11/16" (425R), 6 each 1-7/8" (485R) 1-Ear Clamps, and 1 pair Standard Jaw Pincers.

18500144	1-Ear Clamps with Mechanical Interlock (stainless steel) with Standard Jaw Pincers	
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Empty Kit Boxes

08900233	Large kit box (empty)	19 compartments
08900234	Small kit box (empty)	10 compartments

CV Joint Replacement Kit

18500016	5	17400041	Ear Elements - small dia.
	5	17400042	Ear Elements - large dia.
	3.3 m / 10 ft	17400051	Perf. Bandsteel - 7 mm



CV Joint Replacement kit

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OETIKER Installation Tools



Pneumatic & cordless pincer



Manual pincers



Cordless crimp tool

Part Number	Description	Packaged As
14100082	Standard Jaw Pincers	[Individual or Lots of 6]
14100329	Economy Pincers (with standard jaw)	[Individual]
14100117	Narrow Jaw Pincers	[Individual or Lots of 10]
14100083	Side Jaw Pincers	[Individual or Lots of 6]
14100084	Long Handle Pincers (with standard jaw)	[Individual or Lots of 6]
14100085	*Miniature Clamp Pincers (for clamps up to 7 mm dia.)	
14100120	*Miniature Clamp Pincers with Adjustable Closure Stop (for repeatability)	
14100069	2-Handle Ratchet Pincers	
14100337	DIY Economy 2-Handle Ratchet Pincers	
14100280	3-Handle Ratchet Pincers	
14100282	HMK 01 Manual pincer with force monitoring (with standard jaws)	
14100055	Low Profile Pincers (for 7 & 9 mm wide clamps)	
14100030	Low Profile Tool with replaceable tips (for 7 & 9 mm clamps)	
14200023	Reversible Replacement Tip (for tool 14100030)	
14100031	Low Profile Tool with replaceable tips (for 5 mm wide clamps)	
14200011	Reversible Replacement Tip (for tool 14100031)	
14100134	Hand Pincer for PG 192 Clamps	
14100078	Multi Hose Cutter	
14100079	Replace Blades (for Multi Hose Cutter)	
14100091	Spring Clamp Compression Tool (for clamps up to 42.0 mm dia.)	
14100092	Spring Clamp Compression Tool (for clamps 45.0 mm and larger)	
14100094	Flexible Screw Driver 6 mm (for use only with our PG 178 Clamp Series)	
14100316	Flexible Nut Driver (with reversible socket sizes 1/4" & 5/16" - for SAE Type F Worm Drive Clamps)	

*Part numbers 14100085 & 14100120 may be autoclaved to suit application.

***Oetiker provides Pneumatic Power Tools, Battery Operated Cordless Pincers and Test Equipment which ensures proper installation and consistent closure of its clamp products (these tools are recommended to reduce operator fatigue for high volume applications). An Oetiker representative would be pleased to provide you with technical assistance or pricing.*

Part Number	Description	Force Range
CP 01 & 02 - Cordless Clamp Pincers (battery operated)		
13900680	CP 01 Cordless Pincer w/2 Batteries (HO 10.2-13.2)	1000 N - 4000 N
13900681	CP 02 Cordless Pincer w/2 Batteries (HO 10.5-13.7)	3800 N - 7500 N
CC 01 - Cordless Clamp Pincer (battery operated) for Small Diameter Multi Crimp Rings (diameter range 5 - 25mm)		
13901250	Kit: 17mm head + body, charger, 2 batteries & case	1,500 N
13901248	Kit: 14mm head + body, charger, 2 batteries & case	1,500 N
13901251	Kit: 18mm head + body, charger, 2 batteries & case	1,500 N
13901252	Kit: 22mm head + body, charger, 2 batteries & case	1,500 N
13901253	Kit: 23.5mm head + body, charger, 2 batteries & case	1,500 N

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OETIKER CLAMPS

Terms and Conditions

Warranty

RETURN POLICY:

Goods may be returned within 6 months of the original ship date, under the following conditions:

- All returns are subject to prior approval by Oetiker Sales and/or Quality personnel.
- A Return Authorization number (RA) must be obtained from Oetiker prior to return shipment.
(To obtain a Return Authorization (RA) number before returning product, please call the Michigan Customer Service Department at 800-959-0398.)
- Returns will not be authorized for custom-made products or special order items.
- All returns shall be in original sealed bags to ensure traceability (once the seal has been broken, traceability is lost).
- No returns of any type will be accepted without lot traceability and an RA number.
- Returns must be received within 30 days of the issuance of the RA number.
- Unused **NON-DEFECTIVE** items are subject to a 15% restocking charge, depending on the original ship date and reason for the return.
- **DEFECTIVE** items may be returned at Oetiker's discretion for: credit, replacement, or repair (repair to be invoiced).
- Freight charges on all returns must be prepaid, unless otherwise agreed to by Oetiker.
- Please have the following information on hand when calling for an RA number:
 - Customer Name
 - Account Number
 - Original purchase order number
 - Invoice Number
 - Nature of the problem
- Credit will be issued within 30 days after returned product has been received and if inspection and traceability requirements are met.

LIMITED WARRANTY:

Oetiker warrants its products to be free from defects in material and workmanship. Subject to limitations set forth herein, Oetiker further warrants that each product will substantially perform in accordance with the description of such product set forth in the relevant Oetiker sales material.

The exclusive remedy for: (i) defective materials or workmanship; (ii) or the failure of an Oetiker product to perform as described in the relevant sales materials, is limited to replacement or repair of the defective product if returned to Oetiker within six (6) months after the shipping date. However, the purchaser shall be entitled to no remedy if the alleged defect of an Oetiker product is caused in whole or in part by: (i) the failure of the purchaser to follow installation procedures provided by Oetiker and/or shown in Oetiker's catalogues; and/or (ii) the failure of the purchaser to use installation tools endorsed by Oetiker.

Except as expressly provided herein, Oetiker does not make any warranty or representation, express or implied, with respect to its products, including without limitation any implied or expressed warranty of merchantability or fitness for a particular purpose. In addition, under no circumstances shall Oetiker be liable for lost profits, lost savings or other consequential, incidental, special or indirect damages, or for acts of negligence that are not intentional or reckless in nature regardless of whether it has been advised of the possibility of such damages.

PRICING POLICY:

- **Minimum Order/Billing: \$500.00 net in US Dollars, per order.**
- Orders can be shipped on a prepaid basis until credit has been established.
- Taxes will be applied where applicable.
- Oetiker reserves the right to change specifications, dimensions, prices and discounts without notice.
- Discrepancies in invoicing and delivery must be reported within 14 days after receiving.
- All products are sold in standard package quantities.

FREIGHT TERMS:

- FOB Oetiker - Collect via carrier requested.
- Additional charges apply for other than standard packaging.

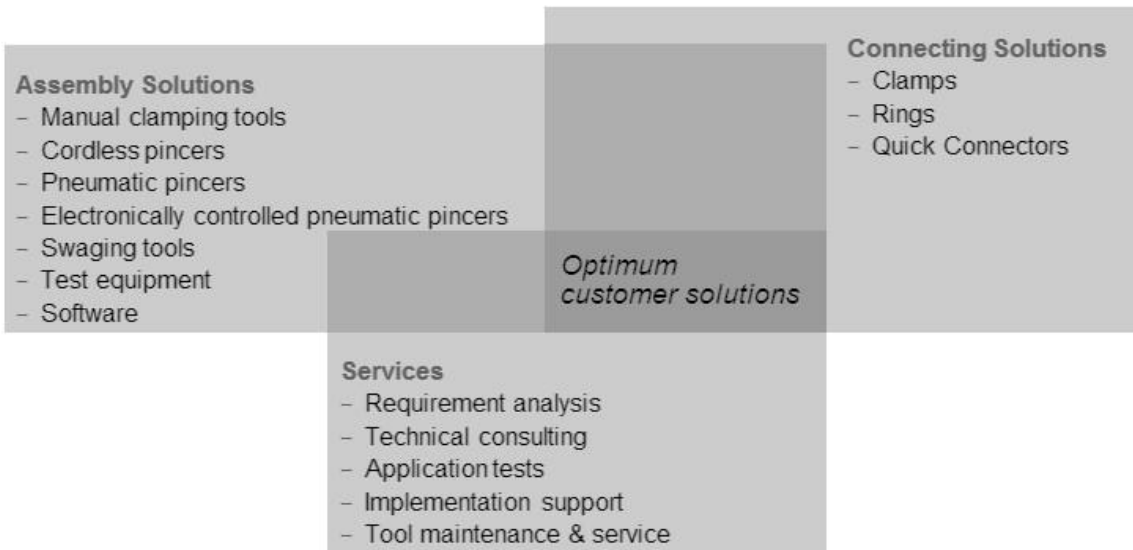
Our commitment.
Fast, reliable and there when you need us.



Optimum customer solutions | *for mission-critical connections*
Global expert service network | *from concept to reliable connection*
One-stop shop | *for connecting technology*
Best practice know-how | *for a wide range of applications*



Optimum customer solutions.
At the heart of our commitment



Our customer service process.
Six steps to your reliable connections



Global expert service network.
Application engineering



Application engineering centers in a city near you provide

- In-depth analysis of our customer's key applications, parts and requirements
- Analysis of connecting technology and optimum assembly options
- Production of prototypes
- Testing and validation
- Recommendation of connecting technology according to application specific needs

Worldwide production and logistics.
Manufacturing to the highest of industry standards



- Worldwide manufacturing and distribution expertise
- Global customer support
- Global consultancy and global coordination
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