



techhose

QUALITY CONNECTIONS

Hydraulics

Pneumatics
& Vacuum

Industrial

Compressed Air
& Ring Main

Process &
Instrumentation

Clips & Clamps

O Clips & Pliers

O CLIPS



O Clips



Mild Steel

5559	Nominal Size	Min Size mm	Max Size mm
NO5-7	1/4"	5	7
NO7-9	5/16"	7	9
NO9-11	7/16"	9	11
NO9-12	7/16"	9	12
NO11-13	1/2"	11	13
NO13-15	9/16"	13	15
NO14-17	19/32"	14	17
NO15-18	5/8"	15	18
NO17-20	3/4"	17	20
NO19-22	13/16"	19	21
NO20-23	7/8"	20	23
NO22-25	15/16"	22	25
NO23-27	1"	23	27
NO25-28	1.1/16"	25	28
NO28-31	1.3/16"	28	31
NO31-34	1.5/16"	31	34
NO34-37	1.7/16"	34	37
NO37-40	1.1/2"	37	40
NO40-43	1.5/8"	40	43

Tech Sheet 588

Assorted Kits

Contents:

Size	Quantity
9-11mm	34
11-13mm	26
13-15mm	18
14-17mm	14
15-18mm	24
17-20mm	20
18-21mm	20
22-25mm	12
Pincers	1



O Clips

5559	Material
OC-KIT-MS	Mild Steel

Tech Sheet 20468

Single Ear O Clips



Mild Steel

5559	Min Size mm	Max Size mm
2019-1080	7	9
2019-1084	8	10
2019-1093	11	13
2019-1094	12	14
2019-1096	14	16
2019-1098	16	18

Snap Clip, Acetal



0497	Min Size mm	Max Size mm
PC8-10	8	10
PC10-12	10	12
PC11-13	11	13
PC13-15	13	15
PC14-16	14	16
PC15-17	15	17
PC16-18	16	18
PC17-19	17	19
PC18-20	18	20
PC21-23	21	23
PC23-25	23	25
PC26-28	26	28
PC30-32	30	32

O Clip Pliers

5555
OP1

Clip Tools

6666	Function
P1099	Side Closing

Single Ear Hose Clamp

stainless steel



Stainless Steel, 5mm Band Width

5555	Min Size mm	Max Size mm
SEHC6.5	5	6.5
SEHC7	5.8	7
SEHC8	6.8	8
SEHC8.7	7	8.7
SEHC9.5	7.8	9.5
SEHC10.5	8.8	10.5

Tech Sheet 20411



Stainless Steel, 7mm Band Width

5555	Min Size mm	Max Size mm
SEHC11.3	9.6	11.3
SEHC11.9	10.2	11.9
SEHC12.3	10.6	12.3
SEHC13.3	10.8	13.3
SEHC14	11.5	14
SEHC14.5	12	14.5
SEHC15.3	12.8	15.3
SEHC16.2	13.7	16.2
SEHC17.5	15	17.5
SEHC18.5	15.3	18.5
SEHC19.2	16	19.2
SEHC22.6	19.4	22.6
SEHC23.5	20.4	23.6
SEHC24.1	20.9	24.1
SEHC27.1	23.9	27.1
SEHC32.1	28.9	32.1
SEHC34.6	31.4	34.6
SEHC41	37.8	41
SEHC42.5	39.3	42.5
SEHC44	40.8	44
SEHC51.5	48.3	51.5
SEHC63.5	60.3	63.5

Tech Sheet 20412

HOSE CLAMPS

MIKALOR

Mikalor O Clips

The use of one ear clips is an economical solution for many simple hose assemblies carrying air or fluids. They are ideal for use with simple hose assemblies which do not require high clamping force. The practical design of ear clips means that they are easy, fast and safe to mount. They are also tamper-proof once mounted. The edges are rounded to avoid damage to the hose.



Steel, Zinc Plated, 1 Ear

5556	Min Size mm	Max Size mm
03012072	8	10
03012013	9	11
03012021	10	12
03012030	11	12
03012048	12	14
03012056	14	16
03012064	16	18.5
Tech Sheet 1743		

Stainless Steel, 1 Ear

stainless steel

5556	Min Size mm	Max Size mm
23012440	7	9
23012087	8	10
23012010	9	11
23012028	10	12
23012036	11	13
23012044	12	14
23012079	12	15
23012052	14	16
23012458	15	17
23012060	16	18
23012423	17	19
23012431	18	20
Tech Sheet 1744		

The use of two ear clips is an economical solution for leaktight, simple hose assemblies on hoses transporting air, gas or other fluids

The two ears give the clip extra grip and help to maintain constant pressure around the hose. The edges are rounded to avoid damage to the hose and the assembly of this clamp is fast, safe and easy. The clamping range is greater than the one ear clip, meaning that the two-ear clip can be used on larger bore hoses. The practical design of two ear clips means that they clamp firmly onto the assembly and are tamper proof once mounted.



Steel, Zinc Plated, 2 Ear

5556	Min Size mm	Max Size mm
03012101	5	7
03012110	7	9
03012128	9	11
03012136	11	12
03012144	13	15
03012152	14	17
03012160	15	18
03012179	17	20
03012187	18	21
03012195	20	23
03012208	22	25
03012216	23	27
03012224	25	28
03012232	28	31
03012240	31	34
03012259	34	37
03012267	37	40
03012275	40	43
03012283	43	46
Tech Sheet 1743		

Stainless Steel, 2 Ear

stainless steel

5556	Min Size mm	Max Size mm
23012108	5	7
23012116	7	9
23012124	9	11
23012132	11	13
23012140	12	15
23012159	14	17
23012167	15	18
23012175	17	20
23012183	18	21
23012191	20	23
23012204	22	25
Tech Sheet 1744		

Mikalor O Clips with Stainless Steel Inner Ring

The fact that these clamps are used on very small-bore hoses means that the material of the tube or hose can sometimes be very flexible, making it more difficult to ensure a leaktight assembly due to the possible deformation of the hose. In these cases, the inner-ring is key in helping to guarantee leaktightness as well as protecting the hose from being pinched during assembly.



Steel, Zinc Plated, 1 Ear

5556	Min Size mm	Max Size mm
03011010	7.5	9.5
03011029	8.5	10.5
03011037	9.5	11.5
03011045	10.4	12.4
03011053	11.4	13.4
03011061	13.4	15.4
03011070	15.4	17.4
Tech Sheet 1745		

Stainless Steel, 1 Ear

stainless steel

5556	Min Size mm	Max Size mm
23012300	6.5	8.5
23012319	8.2	9.5
23012327	8.5	10.4
23012335	9.5	11.4
23012343	10.4	12.4
23012351	11.4	13.4
23012360	12.4	14.4
23012378	13.4	15.4
23012386	14.4	16.4
23012394	15.4	17.4
23012407	16.4	18.4
23012415	17.4	19.4
Tech Sheet 1745		

Available in W1 and W4

O CLIPS

2 Ear Clamp



Steel Zinc Plated DIN 1.0338

5562	Min Size mm	Max Size mm
OET0041	3.1	4.1
OET0045	3.5	4.5
OET0305	3	5
OET0507	5	7
OET0709	7	9
OET0811	8	11
OET0911	9	11
OET1113	11	13
OET1315	13	15
OET1517	15	17
OET1518	15	18
OET1619	16	19
OET1720	17	20
OET1922	19	22
OET2023	20	23
OET2225	22	25
OET2327	23	27
OET2528	25	28
OET2731	27	31
OET2831	28	31
OET3134	31	34
OET3437	34	37
OET3740	37	40
OET4043	40	43

Tech Sheet 10445



Stainless Steel DIN 1.4301

5562	Min Size mm	Max Size mm
0045R	3.5	4.5
0305R	3	5
0507R	5	7
0709R	7	9
0811R	8	11
0911R	9	11
1113R	11	13
1315R	13	15
1517R	15	17
1518R	15	18
1720R	17	20
1922R	19	22
2023R	20	23
2225R	22	25
2327R	23	27
2528R	25	28
2731R	27	31
2831R	28	31
3134R	31	34
3437R	34	37
3740R	37	40
4043R	40	43
4346R	43	46

Tech Sheet 10445

1 Ear Clamp



308 Stainless Steel DIN 1.4301

5562	Min Size mm	Max Size mm
061R	5.1	6.1
087R	7.5	8.7
090R	7.5	9
095R	8.1	9.5
105R	9.1	10.5
110R	9.3	11
113R	9.6	11.3
120R	10.1	12
128R	10.8	12.8
133R	11.3	13.3
138R	11.8	13.8
140R	12	14
145R	12.5	14.5
150R	13	15
168R	14.6	16.8
175R	15.3	17.5
185R	16.3	18.5
195R	17.2	19.5
200R	17.7	20
207R	17.9	20.7
210R	18.7	21
225R	19.9	22.5
245R	21.7	24.5
307R	27.2	30.7

Tech Sheet 10445

Oetiker 1-Ear Adjustable Clamps Stainless Steel



8mm Band

5562	Size Range mm
15900007	40.0 - 110.0




For Thermoplastic SAE 100R7 Hose
see page 13

O CLIPS



1 Ear Stepless® Clamps, Stainless Steel 1.4301/UNS S30400

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



Band Width 5mm, Thickness 0.5mm

5562	Min Size mm	Max Size mm
16702488	5.3	6.5
16700001	5.8	7
16700002	6.8	8
16700003	7	8.7
16702491	7.3	9
16700004	7.8	9.5
16700005	8.3	10
16700006	8.8	10.5
16702492	9.2	10.9
16700007	9.6	11.3
16700008	10	11.8
Tech Sheet 10445		

Band Width 7mm, Thickness 0.6mm

5562	Min Size mm	Max Size mm
16702951	9.4	11.9
16700009	9.8	12.3
16702493	10.3	12.8
16700010	10.8	13.3
16700011	11.3	13.8
16700012	11.5	14
16702864	11.7	14.2
16700013	12	14.5
16700014	12.3	14.8
16700015	12.8	15.3
16700016	13.2	15.7
16702998	13.5	16
16702494	13.7	16.2
16702495	14.1	16.6
16702496	14.3	16.8
16700017	14.5	17
16702497	15	17.5
16700018	14.6	17.8
16700019	14.8	18
16700020	15.3	18.5
16700110	16	19.2
16702498	16.6	19.8
16700024	17.8	21
16700026	19.4	22.6
16700028	20.3	23.5
16700029	20.9	24.1
16702148	22.4	25.6
16700033	23.9	27.1
16700055	40.8	44
16700037	26.9	30.1
16702993	27.6	30.8
16700040	28.4	31.6

5562	Min Size mm	Max Size mm
16700042	29.9	33.1
16700044	31.4	34.6
16700046	32.9	36.1
16700048	34.4	37.6
16700050	34.9	38.1
16700052	36.4	39.6
16700053	37.8	41
16700054	39.3	42.5
16704055	25.4	28.6
16700055	40.8	44
16700056	42.3	45.5
16700057	43.8	47
16700058	45.3	48.5
16700059	46.8	50
16700061	49.8	53
16700063	52.8	56
16700065	55.8	59
16700067	58.8	62
16700069	61.8	65
16700071	64.8	68
16700073	67.8	71
16700075	70.8	74
16700077	73.8	77
16700079	76.8	80
16700081	79.8	83
16700086	87.3	90.5
16700092	96.3	99.5
16700094	96.3	102.5
Tech Sheet 10445		



For **Hose Tails**
see pages **1140-1148**