

## INDUSTRIAL FITTINGS - clips, clamps, ferrules



### CAW

Clamps designed to assemble lightweight PVC and rubber hoses. The smooth internal layer of the band protects the hose against damage. Assembly and disassembly is fast and easy when tools intended for the purpose are used. As made of AISI 304 (W4) stainless steel, it can be used in food, medical, electronic and automotive industry (air conditioning).

code	I.D. [mm]	min. / max. diameter range [mm]	band thickness [mm]	band width [mm]
CL-CAW-070	7.0	5.7 ÷ 7.0	0.5	5
CL-CAW-080	8.0	6.8 ÷ 8.0		
CL-CAW-087	8.7	7.0 ÷ 8.7		
CL-CAW-090	9.0	7.3 ÷ 9.0		
CL-CAW-095	9.5	7.8 ÷ 9.5		
CL-CAW-100	10.0	8.3 ÷ 10.0		
CL-CAW-105	10.5	8.8 ÷ 10.5		
CL-CAW-109	10.9	9.2 ÷ 10.9		
CL-CAW-113	11.3	9.6 ÷ 11.3		
CL-CAW-118	11.8	10.1 ÷ 11.8		
CL-CAW-119	11.9	9.4 ÷ 11.9		
CL-CAW-123	12.3	9.8 ÷ 12.3		
CL-CAW-128	12.8	10.3 ÷ 12.8		
CL-CAW-133	13.3	10.8 ÷ 13.3		
CL-CAW-138	13.8	11.3 ÷ 13.8		
CL-CAW-140	14.0	11.5 ÷ 14.0		
CL-CAW-142	14.2	11.7 ÷ 14.2		
CL-CAW-145	14.5	12.0 ÷ 14.5		
CL-CAW-148	14.8	12.3 ÷ 14.8		
CL-CAW-153	15.3	12.8 ÷ 15.3		
CL-CAW-157	15.7	13.2 ÷ 15.7		
CL-CAW-160	16.0	13.5 ÷ 16.0		
CL-CAW-162	16.2	13.7 ÷ 16.2		
CL-CAW-166	16.6	14.1 ÷ 16.6		
CL-CAW-168	16.8	14.3 ÷ 16.8		
CL-CAW-170	17.0	14.5 ÷ 17.0		
CL-CAW-175	17.5	15.0 ÷ 17.5		
CL-CAW-178	17.8	14.6 ÷ 17.8		
CL-CAW-180	18.0	14.8 ÷ 18.0		
CL-CAW-185	18.5	15.3 ÷ 18.5		

### Tools for CAW clamps assembly

clamping pliers



CL-CLTEN1099

compact pneumatic pliers



CL-UTSV001

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## DCL

DCL clamps are made of a one-piece band with a locking pawl which prevents accidental unlocking. Clamping force is evenly distributed on the pawl. The smooth internal layer of the band protects the hose against damage. Assembly and disassembly is fast and easy when tools intended for the purpose are used. As made of AISI 304 (W4) stainless steel, it can be used in food, home appliance and automotive industry. Colour-coded stripes on the clamps facilitate identification.

code	I.D. [mm]	min. / max. diameter range [mm]	band thickness [mm]	band width [mm]	color		
CL-DCL-080	8.0	8.5 ÷ 9.5	0.5	6	blue		
CL-DCL-085	8.5	9.0 ÷ 10.0			green		
CL-DCL-090	9.0	9.5 ÷ 11.0			violet		
CL-DCL-095	9.5	10.0 ÷ 11.5			black		
CL-DCL-100	10.0	10.5 ÷ 11.5			green		
CL-DCL-105	10.5	11.0 ÷ 12.0			blue		
CL-DCL-110	11.0	11.5 ÷ 12.5			green		
CL-DCL-115	11.5	12.0 ÷ 13.0			violet		
CL-DCL-120	12.0	12.5 ÷ 13.5			black		
CL-DCL-125	12.5	13.0 ÷ 14.0			red		
CL-DCL-130	13.0	13.5 ÷ 14.5			green		
CL-DCL-135	13.5	14.0 ÷ 15.0			violet		
CL-DCL-140	14.0	14.5 ÷ 15.5			0.6	8	red
CL-DCL-145	14.5	15.0 ÷ 16.0					violet
CL-DCL-150	15.0	15.5 ÷ 16.5	black				
CL-DCL-155	15.5	16.0 ÷ 17.0	blue				
CL-DCL-160	16.5	16.5 ÷ 17.5	green				
CL-DCL-165	17.0	17.0 ÷ 18.0	black				
CL-DCL-170	17.5	17.5 ÷ 18.5	red				
CL-DCL-175	18.0	18.0 ÷ 19.0	blue				
CL-DCL-180	18.5	18.5 ÷ 19.5	green				
CL-DCL-185	19.0	19.0 ÷ 20.0	violet				
CL-DCL-190	19.5	19.5 ÷ 21.0	blue				
CL-DCL-195	20.0	20.0 ÷ 21.5	black				
CL-DCL-200	20.5	20.5 ÷ 22.0	red				
CL-DCL-205	21.0	21.0 ÷ 22.5	blue				
CL-DCL-210	21.5	21.5 ÷ 23.0	green				
CL-DCL-215	22.0	22.0 ÷ 23.5	violet				
CL-DCL-220	22.5	22.5 ÷ 24.0	black				
CL-DCL-225	23.0	23.0 ÷ 24.5	red				
CL-DCL-230	23.5	23.5 ÷ 25.0	blue				
CL-DCL-235	24.0	24.0 ÷ 25.5	green				

### Tools for DCL clamps assembly

clamping pliers



CL-CLICUT5201

compact pneumatic pliers



CL-UTSV001

# INDUSTRIAL FITTINGS - clips, clamps, ferrules



## EAR CLIP

EAR CLIP hose clips are simple to use and inexpensive. They are easy and fast to mount with special ear clamp pliers that are also used to disassemble the clips.

### EAR CLIP with 1 ear

W1 code (galvanized steel)	W4 code (AISI 304)	I.D. [mm]	diameter range [mm]	band thickness [mm]	band width [mm]
AB-03012080	AB-23012440	9.3	7 ÷ 9	0.8	6
AB-03012072	AB-23012087	10.3	8 ÷ 10	0.8	6
AB-03012013	AB-23012010	11.3	9 ÷ 11	0.8	6.5
AB-03012021	AB-23012028	12.3	10 ÷ 12	0.8	6.5
AB-03012030	AB-23012036	13.3	11 ÷ 13	0.9 (W4 - 0.8)	6.5
AB-03012048	AB-23012044	14.3	12 ÷ 14	1	7
-	AB-23012079	15.3	13 ÷ 15	1	7
AB-03012056	AB-23012052	16.3	14 ÷ 16	1.1 (W4 - 1)	7
AB-03012064	AB-23012060	18.5	16 ÷ 18	1.2 (W4 - 1)	7
-	AB-23012423	19.5	17 ÷ 19	1	7.5
-	AB-23012431	20.5	18 ÷ 20	1	7.5

### EAR CLIP with 2 ears

W1 code (galvanized steel)	W4 code (AISI 304)	I.D. [mm]	diameter range [mm]	band thickness [mm]	band width [mm]
AB-03012101	AB-23012108	7.3	5 ÷ 7	0.6	6
AB-03012110	AB-23012116	9.3	7 ÷ 9	0.8	6
AB-03012128	AB-23012124	11.3	9 ÷ 11	0.8	6.5
AB-03012099	-	12.3	10 ÷ 12	0.9	6.5
AB-03012136	AB-23012132	13.3	11 ÷ 13	0.9 (W4 - 0.8)	6.5
AB-03012144	AB-23012140	15.3	13 ÷ 15	1.0	7
AB-03012152	AB-23012159	17.5	14 ÷ 17	1.2 (W4 - 1)	7
AB-03012160	AB-23012167	18.5	15 ÷ 18	1.2 (W4 - 1)	7.5
AB-03012179	AB-23012175	20.5	17 ÷ 20	1.2 (W4 - 1)	7.5
AB-03012187	AB-23012183	21.5	18 ÷ 21	1.2 (W4 - 1)	8
AB-03012195	AB-23012191	23.5	20 ÷ 23	1.3 (W4 - 1)	8
AB-03012208	AB-23012204	25.5	22 ÷ 25	1.4 (W4 - 1.2)	8.5
AB-03012216	-	27.5	23 ÷ 27	1.4	8.5
AB-03012224	-	28.5	25 ÷ 28	1.4	9
AB-03012232	-	31.5	28 ÷ 31	1.4	9
AB-03012240	-	34.5	31 ÷ 34	1.4	9.5
AB-03012259	-	37.5	34 ÷ 37	1.6	9.5
AB-03012267	-	40.5	37 ÷ 40	1.6	10
AB-03012275	-	43.5	40 ÷ 43	1.6	10
AB-03012283	-	46.5	43 ÷ 46	1.6	10.5



EAR CLIP standard pliers

AB-61001

Flexible hose clamp driver for band clamps



AB-717005

## INDUSTRIAL FITTINGS - clips, clamps, ferrules



### EAR CLIP - W

EAR CLIP hose clips are simple to use and inexpensive. They are easy and fast to mount with special ear clamp pliers that are also used to disassemble the clips. The inner liner protects the hose against any damage.

#### EAR CLIP with 1 ear (with inner liner)

W1 code (galvanized steel)	W4 code (AISI 304)	I.D. [mm]	diameter range [mm]	band thickness [mm]	band width [mm]
AB-03011009	AB-23012300	8.5	7.5 ÷ 8.5	0.8	6
AB-03011010	AB-23012319	9.5	8 ÷ 9.5	0.8	6
AB-03011029	AB-23012327	10.5	9 ÷ 10.5	0.8	6.5
AB-03011037	AB-23012335	11.5	10 ÷ 11.5	0.8	6.5
AB-03011045	AB-23012343	12.5	10.5 ÷ 12.5	0.9 (W4 - 0.8)	6.5
AB-03011053	AB-23012351	13.3	11.5 ÷ 13.3	1	7
-	AB-23012360	14.5	12.5 ÷ 14.5	1	7
AB-03011061	AB-23012378	15.3	13 ÷ 15.3	1.1 (W4 - 1)	7
-	AB-23012386	16.3	14 ÷ 16.3	1	7
AB-03011070	AB-23012394	17.3	15 ÷ 17.3	1.2 (W4 - 1)	7
-	AB-23012407	18.3	16 ÷ 18.3	1	7.5
-	AB-23012415	19.3	17 ÷ 19.3	1	7.5



### WIRE CLIP

A wire spring clip is designed for quick mounting of low-pressure hoses. Made of zinc-plated spring steel.

code	min. diameter [mm]	max. diameter [mm]	wire [mm]
AB-02016012	7.3	7.8	1
AB-02016020	7.8	8.3	1
AB-02016039	8.3	8.8	1
AB-02016047	8.8	9.3	1
AB-02016055	9.3	9.9	1
AB-02016063	9.8	10.4	1.2
AB-02016071	10.4	11	1.2
AB-02016080	11	11.6	1.2
AB-02016098	11.6	12.3	1.5
AB-02016100	12.1	13.1	1.5
AB-02016119	12.9	13.6	1.5
AB-02016127	13.6	14.4	1.5
AB-02016135	14.4	15.1	1.8
AB-02016143	14.8	15.9	1.8
AB-02016151	15.9	16.8	1.8
AB-02016160	16.8	17.7	1.8
AB-02016178	17.7	18.7	2
AB-02016186	18.7	19.6	2
AB-02016194	19.6	20.6	2

## INDUSTRIAL FITTINGS - clips, clamps, ferrules



### MINI CLIP

Rolled-up edges of a MINI hose clip prevent damage of the hose. A hexagonal, slotted screw head allows screwing with the use of a flexible hose clamp driver.

MINI CLIP W1 - electro zinc-plated carbon steel.

MINI CLIP W4 - made entirely of AISI 304 steel.

W1 code (carbon steel)	min. diameter [mm]	max. diameter [mm]	tightening torque* [Nm]	max. medium pressure* [bar]
AB-03010510		6	0.4	15
AB-03010528		8	0.4	14
AB-03010536		9	1	15
AB-03010544	9.5	10	1	14
AB-03010552	10	11	1	13
AB-03010560	12	13	1	12.5
AB-03010579	13	14	1	12.5
AB-03010587	14	15	1	12
AB-03010595	15	17	1	12
AB-03010608	16	18	1	11.5
AB-03010616	18	20	1	10.5
AB-03010624	19	21	1	10.5
AB-03010632	20	22	1	10.5
AB-03010640	22	25	1	9.5
AB-03010659	23	26	1	9
AB-03010667	25	28	1	8.5
AB-03010675	26	29	1	8.5
AB-03010683	29	32	1	8

W4 code (AISI 304)	size	min. diameter [mm]	max. diameter [mm]	tightening torque* [Nm]
AB-622008	8	7.5	8.5	1.5
AB-622009	9	8.5	9.5	1.5
AB-622010	10	9.5	11	1.5
AB-622011	11	10.5	12	1.5
AB-622012	12	11.5	13	1.5
AB-622013	13	12.5	14	1.5
AB-622014	14	13.5	15	1.5
AB-622015	15	14.5	16	1.5
AB-622016	16	15	17	1.5
AB-622017	17	16	18	1.5

\* - depending on the type of a hose and connection part.

# INDUSTRIAL FITTINGS - clips, clamps, ferrules



## ASFA-L 9 mm

A general purpose, worm drive hose clamp designed for easy and quick mounting of low-pressure hoses. Manufactured according to the requirements of DIN 3017 standard. W5 version, made entirely of AISI 316 steel, is recommended for food, chemical and marine industry application, etc.

W1 code (galvanized steel)	W5 code (AISI 316)	min / max diameter range [mm]	band thickness [mm]	tightening torque* [Nm]	max. medium pressure* [bar]
AB-03008753	AB-03015759	8 ÷ 16	0.6	3	45
AB-03008761	AB-03015767	12 ÷ 22	0.6	3	45
AB-03008770	AB-03015775	16 ÷ 27	0.7	3.5	42
AB-03008788	AB-03015783	20 ÷ 32	0.7	3.5	36
AB-03008796	AB-03015804	25 ÷ 40	0.7	4	32
AB-03008809	AB-03015812	30 ÷ 45	0.7	4	28
AB-03008817	AB-03015820	32 ÷ 50	0.7	4	24
AB-03008825	AB-03015839	40 ÷ 60	0.7	4	19
AB-03008833	AB-03015847	50 ÷ 70	0.7	4	17
AB-03008841	AB-03015855	60 ÷ 80	0.7	4	15
AB-03008850	AB-03015863	70 ÷ 90	0.7	4	13
AB-03008868	AB-03015871	80 ÷ 100	0.7	4	11
AB-03008876	AB-03015880	90 ÷ 110	0.7	4	10
AB-03008884	AB-03015898	100 ÷ 120	0.7	4	9
AB-03008892	AB-03015900	110 ÷ 130	0.7	4	8
AB-03008905	AB-03015919	120 ÷ 140	0.7	4	7
AB-03008913	AB-03015927	130 ÷ 150	0.7	4	6
AB-03008921	AB-03015935	140 ÷ 160	0.7	4	5



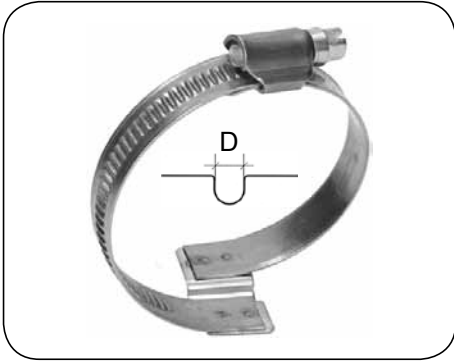
## ASFA-S 12 mm

A general purpose hose clamps designed for quick and easy clamping of low-pressure hoses. Manufactured in accordance with DIN 3017 standard. W5 version, made entirely of AISI 316 steel, is recommended for food, chemical, marine industry, etc.

W1 code (galvanized steel)	W5 code (AISI 316)	min / max diameter range [mm]	band thickness [mm]	tightening torque* [Nm]	max. medium pressure* [bar]
AB-03009001	AB-03017720	16 ÷ 27	0.8	4.2	45
AB-03009002	AB-03017500	20 ÷ 32	0.8	5.2	45
AB-03009003	AB-03017519	25 ÷ 40	0.8	5.2	40
AB-03009004	AB-03017738	30 ÷ 45	0.8	5.2	35
AB-03009005	AB-03017527	32 ÷ 50	0.8	6	35
AB-03009006	AB-03017535	40 ÷ 60	0.8	6	30
AB-03009007	AB-03017543	50 ÷ 70	0.8	6.8	25
AB-03009008	AB-03017551	60 ÷ 80	0.8	6.8	20
AB-03009009	AB-03017560	70 ÷ 90	0.8	6.8	17
AB-03009010	AB-03017578	80 ÷ 100	0.8	6.8	14
AB-03009011	AB-03017586	90 ÷ 110	0.8	6.8	12
AB-03009012	AB-03017594	100 ÷ 120	0.8	6.8	10
AB-03009013	AB-03017607	110 ÷ 130	0.8	6.8	8
AB-03009014	AB-03017615	120 ÷ 140	0.8	6.8	7
AB-03009015	AB-03017623	130 ÷ 150	0.8	6.8	6
AB-03009016	AB-03017631	140 ÷ 160	0.8	6.8	5
AB-03009017	AB-03017640	150 ÷ 170	0.8	6.8	4
AB-03009018	AB-03017658	160 ÷ 180	0.8	6.8	3
AB-03009019	AB-03017666	170 ÷ 190	0.8	6.8	2
AB-03009020	AB-03017674	180 ÷ 200	0.8	6.8	2
AB-03009021	AB-03017682	190 ÷ 210	0.8	6.8	1.8
AB-03009022	AB-03017690	200 ÷ 220	0.8	6.8	1.8
AB-03009023	AB-03017703	210 ÷ 230	0.8	6.8	1.6
AB-03009024	AB-03017711	220 ÷ 240	0.8	6.8	1.6

\* - depending on hose type and connection shape.

# INDUSTRIAL FITTINGS - clips, clamps, ferrules



## BC bridge clamp

A bridge worm drive clamp with 9 and 12 mm band width. A clockwise clamp is designed to assemble P1, P2, P3, P7 type helix-reinforced ducting hoses whereas a counter-clockwise clamp for Clip type hoses (see: ducting and ventilation). The bridge of the clamp secures tight connection and prevents hose damage.

W2 - AISI 430 steel  
 W4 - AISI 304 steel  
 W5 - AISI 316 steel

W2 code	W4 code	W5 code	min / max diam. range [mm]	band width [mm]	bridge width D [mm]	pieces number
CL-OMP-040-097-W2	CL-OMP-040-097-W4	CL-OMP-040-097-W5	25 ÷ 40	9	7	1
CL-OMP-050-097-W2	CL-OMP-050-097-W4	CL-OMP-050-097-W5	32 ÷ 50			
CL-OMP-060-097-W2	CL-OMP-060-097-W4	CL-OMP-060-097-W5	40 ÷ 60			
CL-OMP-070-097-W2	CL-OMP-070-097-W4	CL-OMP-070-097-W5	50 ÷ 70			
CL-OMP-080-097-W2	CL-OMP-080-097-W4	CL-OMP-080-097-W5	60 ÷ 80			
CL-OMP-090-097-W2	CL-OMP-090-097-W4	CL-OMP-090-097-W5	70 ÷ 90			
CL-OMP-100-097-W2	CL-OMP-100-097-W4	CL-OMP-100-097-W5	80 ÷ 100			
CL-OMP-110-097-W2	CL-OMP-110-097-W4	CL-OMP-110-097-W5	90 ÷ 110			
CL-OMP-120-097-W2	CL-OMP-120-097-W4	CL-OMP-120-097-W5	100 ÷ 120			
CL-OMP-130-097-W2	CL-OMP-130-097-W4	CL-OMP-130-097-W5	110 ÷ 130			
CL-OMP-140-097-W2	CL-OMP-140-097-W4	CL-OMP-140-097-W5	120 ÷ 140			
CL-OMP-150-097-W2	CL-OMP-150-097-W4	CL-OMP-150-097-W5	130 ÷ 150			
CL-OMP-160-097-W2	CL-OMP-160-097-W4	CL-OMP-160-097-W5	140 ÷ 160			
CL-OMP-040-127-W2	CL-OMP-040-127-W4	CL-OMP-040-127-W5	25 ÷ 40			
CL-OMP-050-127-W2	CL-OMP-050-127-W4	CL-OMP-050-127-W5	32 ÷ 50			
CL-OMP-060-127-W2	CL-OMP-060-127-W4	CL-OMP-060-127-W5	40 ÷ 60			
CL-OMP-070-127-W2	CL-OMP-070-127-W4	CL-OMP-070-127-W5	50 ÷ 70			
CL-OMP-080-127-W2	CL-OMP-080-127-W4	CL-OMP-080-127-W5	60 ÷ 80			
CL-OMP-090-127-W2	CL-OMP-090-127-W4	CL-OMP-090-127-W5	70 ÷ 90			
CL-OMP-100-127-W2	CL-OMP-100-127-W4	CL-OMP-100-127-W5	80 ÷ 100			
CL-OMP-110-127-W2	CL-OMP-110-127-W4	CL-OMP-110-127-W5	90 ÷ 110			
CL-OMP-120-127-W2	CL-OMP-120-127-W4	CL-OMP-120-127-W5	100 ÷ 120			
CL-OMP-130-127-W2	CL-OMP-130-127-W4	CL-OMP-130-127-W5	110 ÷ 130			
CL-OMP-140-127-W2	CL-OMP-140-127-W4	CL-OMP-140-127-W5	120 ÷ 140			
CL-OMP-150-127-W2	CL-OMP-150-127-W4	CL-OMP-150-127-W5	130 ÷ 150			
CL-OMP-160-127-W2	CL-OMP-160-127-W4	CL-OMP-160-127-W5	140 ÷ 160			
CL-OMP-170-127-W2	CL-OMP-170-127-W4	CL-OMP-170-127-W5	150 ÷ 170			
CL-OMP-180-127-W2	CL-OMP-180-127-W4	CL-OMP-180-127-W5	160 ÷ 180			
CL-OMP-190-127-W2	CL-OMP-190-127-W4	CL-OMP-190-127-W5	170 ÷ 190			
CL-OMP-200-127-W2	CL-OMP-200-127-W4	CL-OMP-200-127-W5	180 ÷ 200			



Two-piece clamp

# INDUSTRIAL FITTINGS - clips, clamps, ferrules

## BC bridge clamp - table follow up

W2 code	W4 code	code W5	min / max diam. range [mm]	band width [mm]	bridge width D [mm]	pieces number
CL-OMP-215-126-W2	CL-OMP-215-126-W4	CL-OMP-215-126-W5	195 ÷ 215	12	6	1
CL-OMP-225-126-W2	CL-OMP-225-126-W4	CL-OMP-225-126-W5	205 ÷ 225			
CL-OMP-235-126-W2	CL-OMP-235-126-W4	CL-OMP-235-126-W5	215 ÷ 235			
CL-OMP-245-126-W2	CL-OMP-245-126-W4	CL-OMP-245-126-W5	225 ÷ 245			
CL-OMP-255-126-W2	CL-OMP-255-126-W4	CL-OMP-255-126-W5	235 ÷ 255			
CL-OMP-265-126-W2	CL-OMP-265-126-W4	CL-OMP-265-126-W5	225 ÷ 265			
CL-OMP-275-126-W2	CL-OMP-275-126-W4	CL-OMP-275-126-W5	235 ÷ 275			
CL-OMP-285-126-W2	CL-OMP-285-126-W4	CL-OMP-285-126-W5	245 ÷ 285			
CL-OMP-295-126-W2	CL-OMP-295-126-W4	CL-OMP-295-126-W5	255 ÷ 295			
CL-OMP-315-126-W2	CL-OMP-315-126-W4	CL-OMP-315-126-W5	275 ÷ 315			
CL-OMP-335-126-W2	CL-OMP-335-126-W4	CL-OMP-335-126-W5	295 ÷ 335			
CL-OMP-365-126-W2	CL-OMP-365-126-W4	CL-OMP-365-126-W5	325 ÷ 365			
CL-OMP-415-126-W2	CL-OMP-415-126-W4	CL-OMP-415-126-W5	355 ÷ 415			
CL-OMP-435-126-W2	CL-OMP-435-126-W4	CL-OMP-435-126-W5	375 ÷ 435			
CL-OMP-465-126-W2	CL-OMP-465-126-W4	CL-OMP-465-126-W5	405 ÷ 465			
CL-OMP-515-126-W2	CL-OMP-515-126-W4	CL-OMP-515-126-W5	455 ÷ 515			
CL-OMP-615-126-W2	CL-OMP-615-126-W4	CL-OMP-615-126-W5	535 ÷ 615			
CL-OMP-715-126-W2	CL-OMP-715-126-W4	CL-OMP-715-126-W5	635 ÷ 715			
CL-OMP-815-126-W2	CL-OMP-815-126-W4	CL-OMP-815-126-W5	735 ÷ 815			
CL-OMP-915-126-W2	CL-OMP-915-126-W4	CL-OMP-915-126-W5	835 ÷ 915			
CL-OMP-215-128-W2	CL-OMP-215-128-W4	CL-OMP-215-128-W5	195 ÷ 215	12	8	1
CL-OMP-225-128-W2	CL-OMP-225-128-W4	CL-OMP-225-128-W5	205 ÷ 225			
CL-OMP-235-128-W2	CL-OMP-235-128-W4	CL-OMP-235-128-W5	215 ÷ 235			
CL-OMP-245-128-W2	CL-OMP-245-128-W4	CL-OMP-245-128-W5	225 ÷ 245			
CL-OMP-255-128-W2	CL-OMP-255-128-W4	CL-OMP-255-128-W5	235 ÷ 255			
CL-OMP-265-128-W2	CL-OMP-265-128-W4	CL-OMP-265-128-W5	225 ÷ 265			
CL-OMP-275-128-W2	CL-OMP-275-128-W4	CL-OMP-275-128-W5	235 ÷ 275			
CL-OMP-285-128-W2	CL-OMP-285-128-W4	CL-OMP-285-128-W5	245 ÷ 285			
CL-OMP-295-128-W2	CL-OMP-295-128-W4	CL-OMP-295-128-W5	255 ÷ 295			
CL-OMP-315-128-W2	CL-OMP-315-128-W4	CL-OMP-315-128-W5	275 ÷ 315			
CL-OMP-335-128-W2	CL-OMP-335-128-W4	CL-OMP-335-128-W5	295 ÷ 335			
CL-OMP-365-128-W2	CL-OMP-365-128-W4	CL-OMP-365-128-W5	325 ÷ 365			
CL-OMP-415-128-W2	CL-OMP-415-128-W4	CL-OMP-415-128-W5	355 ÷ 415			
CL-OMP-435-128-W2	CL-OMP-435-128-W4	CL-OMP-435-128-W5	375 ÷ 435			
CL-OMP-465-128-W2	CL-OMP-465-128-W4	CL-OMP-465-128-W5	405 ÷ 465			
CL-OMP-515-128-W2	CL-OMP-515-128-W4	CL-OMP-515-128-W5	455 ÷ 515			
CL-OMP-615-128-W2	CL-OMP-615-128-W4	CL-OMP-615-128-W5	535 ÷ 615			
CL-OMP-715-128-W2	CL-OMP-715-128-W4	CL-OMP-715-128-W5	635 ÷ 715			
CL-OMP-815-128-W2	CL-OMP-815-128-W4	CL-OMP-815-128-W5	735 ÷ 815			
CL-OMP-915-128-W2	CL-OMP-915-128-W4	CL-OMP-915-128-W5	835 ÷ 915			

The codes in the tables apply to the clockwise clamps.

A code example of a counter-clockwise clamp, 25 ÷ 40 mm, 9 mm wide, 7 mm bridge, W2: CL-OML-040-097-W2. The range of diameters, band and bridge width are the same as for clockwise version.



## INDUSTRIAL FITTINGS - clips, clamps, ferrules



### FLEX-GEAR

Band clamps with spring lock system maintaining constant clamping force. Excellent choice for fluctuating and extreme temperature applications. The rolled-up edges of the band protect the external layer of the hose from damage and ensure even clamping force around the hose. Tightening torque: 5.6 Nm (max. 9.6 Nm).

The band clamp of 847 series is made entirely of stainless steel, whereas the clamp of 843 series has a carbon steel screw coated with a layer of Zn + Cr (III). Band width 9/16".

code (847 series)	code (843 series)	minimum diameter [mm]	maximum diameter [mm]	SAE size
AB-847010	AB-843010	14	27	10
AB-847012	AB-843012	16	32	12
AB-847016	AB-843016	21	38	16
AB-847020	AB-843020	20	44	20
AB-847024	AB-843024	27	51	24
AB-847028	AB-843028	33	57	28
AB-847032	AB-843032	40	63	32
AB-847036	AB-843036	46	70	36
AB-847040	AB-843040	52	76	40
AB-847044	AB-843044	59	82	44
AB-847048	AB-843048	65	89	48



### FLEX-GEAR HD

Band clamps with spring lock system maintaining constant clamping force. Excellent choice for fluctuating and extreme temperature applications. The rolled-up edges of the band protect the external layer of the hose from damage and ensure even clamping force around the hose. Tightening torque: 8.5 Nm (max. 14.1 Nm).

The band clamp of 845 series is made entirely of stainless steel, whereas the clamp of 841 series has a carbon steel screw coated with a layer of Zn + Cr (III). Band width 5/8".

code (845 series)	code (841 series)	minimum diameter [mm]	maximum diameter [mm]	SAE size
AB-845175	AB-841175	25	45	175
AB-845200	AB-841200	32	54	212
AB-845250	AB-841250	45	67	262
AB-845300	AB-841300	57	79	312
AB-845350	AB-841350	70	92	362
AB-845400	AB-841400	83	105	412
AB-845450	AB-841450	95	117	462
AB-845500	AB-841500	108	130	512
AB-845550	AB-841550	121	143	562
AB-845600	AB-841600	133	155	612
AB-845650	AB-841650	146	168	662
AB-845700	AB-841700	159	181	712
AB-845750	AB-841750	172	193	762
AB-845800	AB-841800	184	206	812
AB-845850	AB-841850	197	219	862
AB-845900	AB-841900	210	232	912

# INDUSTRIAL FITTINGS - clips, clamps, ferrules



## SUPRA HEAVY DUTY W2. W4

A robust clamp with rolled-up band edges recommended for reinforced, thick-wall industrial hoses. The hexagonal head design of a screw allows tightening with such common tools as flat, tubular or adjustable spanner.

W2 - band and bridge AISI 430 steel, bolt and rollers of zinc-plated steel.

W4 - band and bridge AISI 304 steel, bolt and rollers AISI 302 steel.

W2 code	W4 code	min / max diameter range [mm]	band width [mm]	bolt size	max. tightening torque* [Nm]	max. medium pressure* [bar]		
AB-03019012	AB-03013016	17÷19	18	M6	10	45		
AB-03019020	AB-03013024	19÷21						
AB-03019039	AB-03013032	21÷23						
AB-03019047	AB-03013040	23÷25						
AB-03019055	AB-03013059	25÷27						
AB-03019063	AB-03013067	27÷29						
AB-03019071	AB-03013075	29÷31	20	M7	12	40		
AB-03019080	AB-03013083	31÷34						
AB-03019098	AB-03013091	34÷37						
AB-03019100	AB-03013104	37÷40						
AB-03019119	AB-03013112	40÷43						
AB-03019127	AB-03013120	43÷47						
AB-03019135	AB-03013139	47÷51					16	36
AB-03019143	AB-03013147	51÷55						
AB-03019151	AB-03013155	55÷59						
AB-03019160	AB-03013163	59÷63						
AB-03019178	AB-03013171	63÷68						
AB-03019186	AB-03013180	68÷73	25	M8	30	28		
AB-03019194	AB-03013198	73÷79						
AB-03019207	AB-03013200	79÷85						
AB-03019215	AB-03013219	85÷91						
AB-03019223	AB-03013227	91÷97						
AB-03019231	AB-03013235	97÷104						
AB-03019240	AB-03013243	104÷112					12	9
AB-03019258	AB-03013251	112÷121						
AB-03019266	AB-03013260	121÷130						
AB-03019274	AB-03013278	130÷140						
AB-03019282	AB-03013286	140÷150						
AB-03019290	AB-03013294	150÷162	28	M10	45	3		
AB-03019303	AB-03013307	162÷174						
AB-03019311	AB-03013315	174÷187						
AB-03019320	AB-03013323	187÷200						
AB-03019338	AB-03013331	200÷213						
AB-03019346	AB-03013340	213÷226						
AB-03019354	AB-03013358	226÷239						
AB-03019362	AB-03013366	239÷252						
AB-03019370	AB-03013374	252÷265						
AB-03019477	AB-03013390	265÷278						
AB-03019392	AB-03013422	278÷291						
AB-03019403	AB-03013433	291÷304						
AB-03019411	AB-03013444	304÷317						
AB-03019485	AB-03013403	317÷330						
AB-03019422	AB-03013455	330÷343						
AB-03019433	AB-03013466	343÷356						
AB-03019444	AB-03013477	356÷369						
AB-03019455	AB-03013488	369÷382						
AB-03019499	AB-03013499	382÷395						
AB-03019500	AB-03013500	395÷408						

\* - depending on hose type and connection shape

# INDUSTRIAL FITTINGS - clips, clamps, ferrules



## HDC W1, W5

A robust clamp with rolled-up band edges recommended for reinforced, thick-wall industrial hoses. The hexagonal head of a bolt allows tightening with such common tools as flat, tubular and adjustable spanner.

W1 - all parts made of zinc-plated steel.

W5 - all parts made of AISI 316 steel.

W1 code	W5 code	min / max diameter range [mm]	thickness x band width		bolt [mm]
			W1 [mm]	W5 [mm]	
AB-HDC-017-019-W1	AB-HDC-017-019-W5	17 ÷ 19	0.6×18	0.6×18	M5×40
AB-HDC-020-022-W1	AB-HDC-020-022-W5	20 ÷ 22			
AB-HDC-023-025-W1	AB-HDC-023-025-W5	23 ÷ 25			
AB-HDC-026-028-W1	AB-HDC-026-028-W5	26 ÷ 28			
AB-HDC-029-031-W1	AB-HDC-029-031-W5	29 ÷ 31	0.8×20	0.6×20	M6×50
AB-HDC-032-035-W1	AB-HDC-032-035-W5	32 ÷ 35			
AB-HDC-036-039-W1	AB-HDC-036-039-W5	36 ÷ 39			
AB-HDC-040-043-W1	AB-HDC-040-043-W5	40 ÷ 43			
AB-HDC-044-047-W1	AB-HDC-044-047-W5	44 ÷ 47	1.2×22	0.8×22	M6×55
AB-HDC-048-051-W1	AB-HDC-048-051-W5	48 ÷ 51			
AB-HDC-052-055-W1	AB-HDC-052-055-W5	52 ÷ 55			
AB-HDC-056-059-W1	AB-HDC-056-059-W5	56 ÷ 59			
AB-HDC-060-063-W1	AB-HDC-060-063-W5	60 ÷ 63	1.5×22	0.8×24	M8×70
AB-HDC-064-067-W1	AB-HDC-064-067-W5	64 ÷ 67			
AB-HDC-068-073-W1	AB-HDC-068-073-W5	68 ÷ 73			
AB-HDC-074-079-W1	AB-HDC-074-079-W5	74 ÷ 79			
AB-HDC-080-085-W1	AB-HDC-080-085-W5	80 ÷ 85	1.5×24	0.8×24	M8×80
AB-HDC-086-091-W1	AB-HDC-086-091-W5	86 ÷ 91			
AB-HDC-092-097-W1	AB-HDC-092-097-W5	92 ÷ 97			
AB-HDC-098-103-W1	AB-HDC-098-103-W5	98 ÷ 103			
AB-HDC-104-112-W1	AB-HDC-104-112-W5	104 ÷ 112	1.7×26	1×26	M10×90
AB-HDC-113-121-W1	AB-HDC-113-121-W5	113 ÷ 121			
AB-HDC-122-130-W1	AB-HDC-122-130-W5	122 ÷ 130			
AB-HDC-131-139-W1	AB-HDC-131-139-W5	131 ÷ 139			
AB-HDC-140-148-W1	AB-HDC-140-148-W5	140 ÷ 148	1.7×26	1×26	M10×110
AB-HDC-149-161-W1	AB-HDC-149-161-W5	149 ÷ 161			
AB-HDC-162-174-W1	AB-HDC-162-174-W5	162 ÷ 174			
AB-HDC-175-187-W1	AB-HDC-175-187-W5	175 ÷ 187			
AB-HDC-188-200-W1	AB-HDC-188-200-W5	188 ÷ 200			
AB-HDC-201-213-W1	AB-HDC-201-213-W5	201 ÷ 213			
AB-HDC-214-226-W1	AB-HDC-214-226-W5	214 ÷ 226			
AB-HDC-227-239-W1	AB-HDC-227-239-W5	227 ÷ 239			
AB-HDC-240-252-W1	AB-HDC-240-252-W5	240 ÷ 252			
AB-HDC-253-265-W1	AB-HDC-253-265-W5	253 ÷ 265			
AB-HDC-266-278-W1	AB-HDC-266-278-W5	266 ÷ 278			
AB-HDC-279-291-W1	AB-HDC-279-291-W5	279 ÷ 291			
AB-HDC-294-304-W1	AB-HDC-294-304-W5	294 ÷ 304			

# INDUSTRIAL FITTINGS - clips, clamps, ferrules



## DPC W1, W5

A clamp with robust, double band. Two bolt guarantee accurate and tight connection of a hose with its fitting.

W1 - all parts made of zinc-plated steel.

W5 - all parts made of AISI 316 steel.

W1 code	W5 code	min - max diameter range [mm]	thickness x band width [mm]	bolt [mm]
AB-DPC-035-045-W1	AB-DPC-035-045-W5	35 ÷ 45	1x20	W1 - M6x45 W5 - M6x50
AB-DPC-040-050-W1	AB-DPC-040-050-W5	40 ÷ 50		
AB-DPC-045-055-W1	AB-DPC-045-055-W5	45 ÷ 55		
AB-DPC-050-060-W1	AB-DPC-050-060-W5	50 ÷ 60		
AB-DPC-055-065-W1	AB-DPC-055-065-W5	55 ÷ 65		
AB-DPC-060-070-W1	AB-DPC-060-070-W5	60 ÷ 70		
AB-DPC-065-075-W1	AB-DPC-065-075-W5	65 ÷ 75		
AB-DPC-070-080-W1	AB-DPC-070-080-W5	70 ÷ 80		
AB-DPC-075-085-W1	AB-DPC-075-085-W5	75 ÷ 85		
AB-DPC-080-090-W1	AB-DPC-080-090-W5	80 ÷ 90		
AB-DPC-085-095-W1	AB-DPC-085-095-W5	85 ÷ 95		
AB-DPC-090-100-W1	AB-DPC-090-100-W5	90 ÷ 100		
AB-DPC-095-105-W1	AB-DPC-095-105-W5	95 ÷ 105		
AB-DPC-100-110-W1	AB-DPC-100-110-W5	100 ÷ 110		
AB-DPC-105-115-W1	AB-DPC-105-115-W5	105 ÷ 115	1x24	M8x60
AB-DPC-110-120-W1	AB-DPC-110-120-W5	110 ÷ 120		
AB-DPC-115-125-W1	AB-DPC-115-125-W5	115 ÷ 125		
AB-DPC-120-130-W1	AB-DPC-120-130-W5	120 ÷ 130		
AB-DPC-125-135-W1	AB-DPC-125-135-W5	125 ÷ 135		
AB-DPC-130-140-W1	AB-DPC-130-140-W5	130 ÷ 140		
AB-DPC-135-145-W1	AB-DPC-135-145-W5	135 ÷ 145		
AB-DPC-140-150-W1	AB-DPC-140-150-W5	140 ÷ 150		
AB-DPC-145-155-W1	AB-DPC-145-155-W5	145 ÷ 155		
AB-DPC-150-160-W1	AB-DPC-150-160-W5	150 ÷ 160		
AB-DPC-155-165-W1	AB-DPC-155-165-W5	155 ÷ 165		
AB-DPC-160-170-W1	AB-DPC-160-170-W5	160 ÷ 170		
AB-DPC-165-175-W1	AB-DPC-165-175-W5	165 ÷ 175		
AB-DPC-170-180-W1	AB-DPC-170-180-W5	170 ÷ 180		
AB-DPC-190-200-W1	AB-DPC-190-200-W5	190 ÷ 200		
AB-DPC-200-210-W1	AB-DPC-200-210-W5	200 ÷ 210		
AB-DPC-210-220-W1	AB-DPC-210-220-W5	210 ÷ 220		
AB-DPC-220-230-W1	AB-DPC-220-230-W5	220 ÷ 230		
AB-DPC-230-240-W1	AB-DPC-230-240-W5	230 ÷ 240		
AB-DPC-240-250-W1	AB-DPC-240-250-W5	240 ÷ 250		
AB-DPC-250-260-W1	AB-DPC-250-260-W5	250 ÷ 260		
AB-DPC-260-270-W1	AB-DPC-260-270-W5	260 ÷ 270		
AB-DPC-270-280-W1	AB-DPC-270-280-W5	270 ÷ 280		
AB-DPC-290-300-W1	AB-DPC-290-300-W5	290 ÷ 300		