

# Clic<sup>®</sup> and Clic<sup>®</sup> R clamps



CLIC®

**Function**

Ensure a tight fitting between a hose and a pipe-end at temperatures ranging from -30 to +130°C.

**Strengths**

Excellent circularity: even distribution of the clamping force preventing leakage.

The locking system of the CLIC® clamp ensures a robust tightening.

Resistant to high stresses (pressure, pull-off, vibration)

Austenitic stainless steel clamp: withstands corrosion as well as fuel, oil, grease, alcohol,...

The CLIC® clamp is light and compact.

Quick and easy fitting (1 second) with manual or pneumatic pliers.

The CLIC® clamp is removable and reusable (if disassembled with care).

The different diameters can easily be identified thanks to a colour coding.

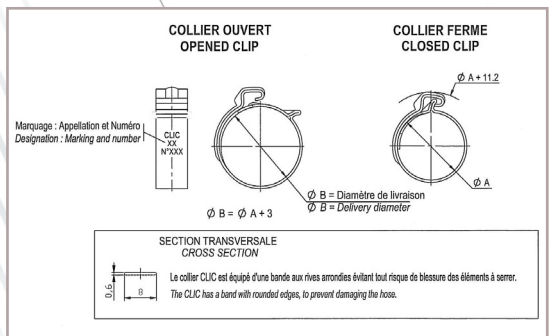
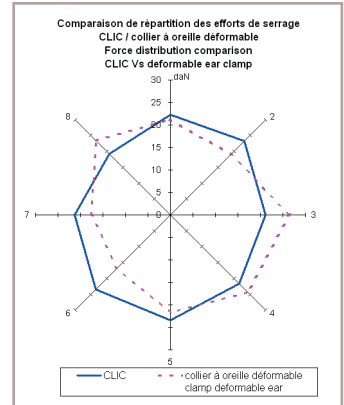
**Specific ranges**

The CLIC® clamp has pre-tightened versions (to prevent the clamp from opening before fitting) named Préclipsé and Préclipsé R as well as a preformed version (to the shape of the application to be clamped).

**Applications**

Automotive: engine, fuel tank vent, air filter, steering, etc,...

All other industrial applications, electrical appliances, automotive aftermarket, domestic plumbing (sauna, bath,...).



CLIC® R

**Additional strengths**

The CLIC® R clamp has capacity reserves designed to compensate for the tolerance ranges of the hoses and pipe-ends to be tightened.

**CLIC® R specific ranges**

The CLIC® R clamps also exist with a slot or a hole to pre-position them on a hose.

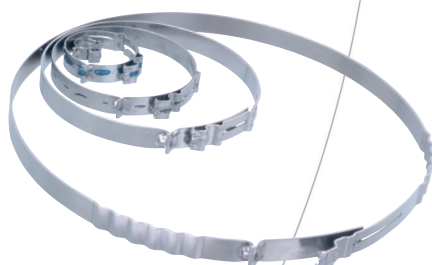
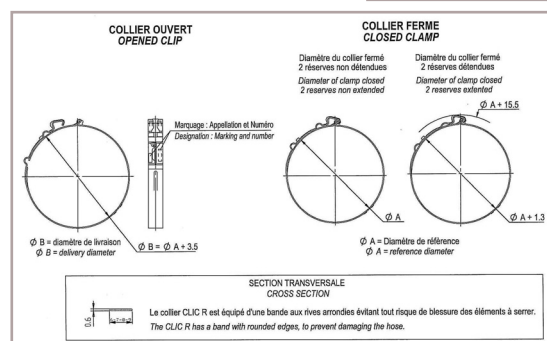
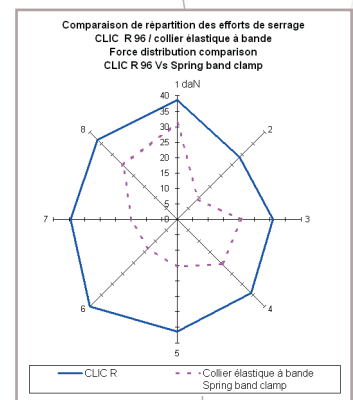
**Applications**

Automotive: Fuel, oil, air power steering and cooling systems

Transmission and steering boots,

All rubber, thermoplastic, TPE, silicone,... hoses.

All other industrial applications, electrical appliances, ship industry,...



# RANGE

CLIC® XY-Z

X = band width in mm  
 Y = thickness diameter in 1/10° mm  
 Z = lower diameter in 1/10° mm  
 D\* = diameter range of fitted hose



## CLIC®

Designation	IA	IA	D*	Band width
	mm	mm	mm	mm
CLIC 55 75	8	9	5	
CLIC 55 80	8,5	9,5	5	
CLIC 55 85	9	10	5	
CLIC 55 90	9,5	10,5	5	
CLIC 55 95	10	11	5	
CLIC 55 105	11	12	5	
CLIC 55 115	12	13	5	
CLIC 66 100	10,5	11,5	6	
CLIC 66 105	11	12	6	
CLIC 66 110	11,5	12,5	6	
CLIC 66 115	12	13	6	
CLIC 66 120	12,5	13,5	6	
CLIC 66 125	13	14	6	
CLIC 66 130	13,5	14,5	6	
CLIC 66 135	14	15	6	
CLIC 66 140	14,5	15,5	6	
CLIC 66 155	16	17	6	
CLIC 66 165	17	18	6	
CLIC 66 450 PR	45,5	47,5	6	
CLIC 66 465 PR	47	49	6	
CLIC 66 495 PR	50	52	6	
CLIC 66 575 PR	58	60	6	
CLIC 66 590 PR	59,5	61,5	6	
CLIC 66 595 PR	60	62	6	
CLIC 66 620 PR	62,5	63,5	6	
CLIC 76 290 PR	29,5	31,5	7	
CLIC 76 470 PR	47,5	49,5	7	
CLIC 76 515 PR	52	54,5	7	
CLIC 76 525 PR	53	55,5	7	
CLIC 76 550 PR	55,5	57,5	7	
CLIC 76 590 PR	59,5	61,5	7	
CLIC 76 660 PR	66,5	69,5	7	
CLIC 86 125	13	14	8	
CLIC 86 140	13,5	14,5	8	
CLIC 86 145	15	16	8	
CLIC 86 150	15,5	16,5	8	
CLIC 86 155	16	17	8	
CLIC 86 160	16,5	17,5	8	
CLIC 86 170	17,5	18,5	8	
CLIC 86 175	18	19	8	
CLIC 86 180	18,5	19,5	8	
CLIC 86 185	19	20	8	
CLIC 86 190	19,5	20,5	8	
CLIC 86 195	20	21	8	
CLIC 86 200	20,5	22	8	
CLIC 86 205	21	22,5	8	
CLIC 86 210	21,5	23	8	
CLIC 86 215	22	23,5	8	
CLIC 86 220	22,5	24	8	
CLIC 86 225	23	24,5	8	
CLIC 86 230	23,5	25	8	
CLIC 86 235	24	25,5	8	
CLIC 86 240	24,5	26	8	
CLIC 86 245	25	26,5	8	
CLIC 86 250	25,5	27	8	
CLIC 86 255	26	27,5	8	
CLIC 86 260	26,5	28	8	
CLIC 86 265	27	28,5	8	
CLIC 86 270	27,5	29	8	
CLIC 86 275	28	29,5	8	
CLIC 86 280	28,5	30	8	
CLIC 86 290	29,5	31	8	
CLIC 86 380 P	38,5	40,5	8	
CLIC 86 490 PR	49,5	51,5	8	

## CLIC® R

Designation	IA	IA	D*	Band width	Designation	IA	IA	D*	Band width
	mm	mm	mm	mm		mm	mm	mm	mm
CLIC R 66-70	7,5	9	6		CLIC R 96-420	42,5	45	9	
CLIC R 66-80	8,5	10	6		CLIC R 96-430	43,5	46	9	
CLIC R 66-90	9,5	11	6		CLIC R 96-435	44	46,5	9	
CLIC R 66-100	10,5	12	6		CLIC R 96-440	44,5	47	9	
CLIC R 66-105	11	12,5	6		CLIC R 96-445	45	47,5	9	
CLIC R 66-110	11,5	13	6		CLIC R 96-450	45,5	48	9	
CLIC R 66-115	12	13,5	6		CLIC R 96-465	47	49,5	9	
CLIC R 66-120	12,5	14	6		CLIC R 96-470	47,5	50	9	
CLIC R 66-125	13	14,5	6		CLIC R 96-495	50	52,5	9	
CLIC R 66-130	13,5	15	6		CLIC R 96-500	50,5	53	9	
CLIC R 66-135	14	15,5	6		CLIC R 96-515	52	54,5	9	
CLIC R 66-140	14,5	16	6		CLIC R 96-520	52,5	55	9	
CLIC R 66-145	15	16,5	6		CLIC R 96-525	53	55,5	9	
CLIC R 66-150	15,5	17,5	6		CLIC R 96-530	53,5	56	9	
CLIC R 66-155	16	18	6		CLIC R 96-535	54	56,5	9	
CLIC R 66-160	16,5	18,5	6		CLIC R 96-545	55	57,5	9	
CLIC R 66-165	17	19	6		CLIC R 96-555	56	58,5	9	
CLIC R 66-185	19	21	6		CLIC R 96-560	56,5	59	9	
CLIC R 66-205	21	23	6		CLIC R 96-565	57	59,5	9	
CLIC R 66-215	22	24	6		CLIC R 96-570	57,5	60	9	
CLIC R 96-115 sans PO / PO7	12	14	9		CLIC R 96-570 SP	57,5	60	9	
CLIC R 96-120 sans PO / PO7	12,5	14,5	9		CLIC R 96-590	59,5	62	9	
CLIC R 96-125 sans PO / PO7	13	15	9		CLIC R 96-595	60	62,5	9	
CLIC R 96-130 sans PO / PO7	13,5	15,5	9		CLIC R 96-605	61	63,5	9	
CLIC R 96-135 sans PO / PO7	14	16	9		CLIC R 96-615	62	64,5	9	
CLIC R 96-140 sans PO / PO7	14,5	16,5	9		CLIC R 96-615 SP	62	64,5	9	
CLIC R 96-145 sans PO / PO7	15	17	9		CLIC R 96-625	63	65,5	9	
CLIC R 96-150 sans PO / PO7	15,5	17,5	9		CLIC R 96-630	63,5	66	9	
CLIC R 96-155 sans PO / PO7	16	18	9		CLIC R 96-640	64,5	67	9	
CLIC R 96-160 sans PO / PO7	16,5	18,5	9		CLIC R 96-650	65,5	68	9	
CLIC R 96-165 sans PO / PO7	17	19	9		CLIC R 96-655	66	68,5	9	
CLIC R 96-170 sans PO / PO7	17,5	19,5	9		CLIC R 96-660	66,5	69	9	
CLIC R 96-175 sans PO / PO7	18	20	9		CLIC R 96-670	67,5	70	9	
CLIC R 96-180 sans PO / PO7	18,5	20,5	9		CLIC R 96-690	69,5	72	9	
CLIC R 96-185 sans PO / PO7	19	21	9		CLIC R 96-690 SP	69,5	72	9	
CLIC R 96-190 sans PO / PO7	19,5	21,5	9		CLIC R 96-700	70,5	73	9	
CLIC R 96-195 sans PO / PO7 / PO7SP	20	22	9		CLIC R 96-705	71	73,5	9	
CLIC R 96-200 sans PO / PO7 / PO7SP	20,5	22,5	9		CLIC R 96-710	71,5	74	9	
CLIC R 96-205 sans PO / PO7	21	23	9		CLIC R 96-725	73	75,5	9	
CLIC R 96-210 sans PO / PO7 / PO7 SP	21,5	23,5	9		CLIC R 96-730	73,5	76	9	
CLIC R 96-215 sans PO / PO7 / PO7 SP	22	24	9		CLIC R 96-735	74	76,5	9	
CLIC R 96-220 sans PO / PO7	22,5	24,5	9		CLIC R 96-740	74,5	77	9	
CLIC R 96-225 sans PO / PO7 / PO7SP	23	25	9		CLIC R 96-745	75	77,5	9	
CLIC R 96-230 sans PO / PO7	23,5	25,5	9		CLIC R 96-750	75,5	78	9	
CLIC R 96-235 sans PO / PO7	24	26	9		CLIC R 96-750 SP	75,5	78	9	
CLIC R 96-235 SP	24	26	9		CLIC R 96-755	76	78,5	9	
CLIC R 96-240	24,5	27	9		CLIC R 96-760	76,5	79	9	
CLIC R 96-245	25	27,5	9		CLIC R 96-765	77	79,5	9	
CLIC R 96-250	25,5	28	9		CLIC R 96-770	77,5	80	9	
CLIC R 96-250 SP	25,5	28	9		CLIC R 96-780	78,5	81	9	
CLIC R 96-255	26	28,5	9		CLIC R 96-785	79	81,5	9	
CLIC R 96-260	26,5	29	9		CLIC R 96-790	79,5	82	9	
CLIC R 96-265	27	29,5	9		CLIC R 96-800	80,5	83	9	
CLIC R 96-275	28	30,5	9		CLIC R 96-810	81,5	84	9	
CLIC R 96-285	29	31,5	9		CLIC R 96-815	82	84,5	9	
CLIC R 96-290	29,5	32	9		CLIC R 96-820	82,5	85	9	
CLIC R 96-300	30,5	33	9		CLIC R 96-820 SP	82,5	85	9	
CLIC R 96-300 SP	30,5	33	9		CLIC R 96-825	83	85,5	9	
CLIC R 96-315	32	34,5	9		CLIC R 96-830	83,5	86	9	
CLIC R 96-320	32,5	35	9		CLIC R 96-845	85	87,5	9	
CLIC R 96-325	33	35,5	9		CLIC R 96-850	85,5	88	9	
CLIC R 96-335	34	36,5	9		CLIC R 96-855	86	88,5	9	
CLIC R 96-345	35	37,5	9		CLIC R 96-870	87,5	90	9	
CLIC R 96-350	35,5	38	9		CLIC R 96-890	89,5	92	9	
CLIC R 96-365	37	39,5	9		CLIC R 96-910	91,5	94	9	
CLIC R 96-375	38	40,5	9		CLIC R 96-960 SP	96,5	99	9	
CLIC R 96-375 SP	38	40,5	9		CLIC R 96-1005	101	103,5	9	
CLIC R 96-385	39	41,5	9		CLIC R 96-1030	103,5	106	9	
CLIC R 96-385 SP	39	41	9		CLIC R 96-1235	124	126,5	9	
CLIC R 96-388 SP			9						

Designation	IA	IA	D*	Band width
	mm	mm	mm	mm
CLIC R 109-260	26,5	28,5	10	
CLIC R 109-270 PO7	27,5	29,5	10	
CLIC R 109-270 SP	27,5	29,5	10	
CLIC R 109-280 PO7	28,5	30,5	10	
CLIC R 109-285 PO7	29	31	10	
CLIC R 109-305 SP	31	33	10	
CLIC R 109-315 PO7	32	34	10	
CLIC R 109-365 PO7	37	39	10	
CLIC R 109-375 PO7	38	40	10	
CLIC R 109-415 PO7	42	44	10	
CLIC R 109-750 PO7	75,5	77,5	10	
CLIC R 109-770 PO7	77,5	79,5	10	
CLIC R 109-780 PO7	78,5	80,5	10	
CLIC R 109-805 PO7	81	83	10	
CLIC R 109-825 PO7	83	85	10	
CLIC R 109-835 PO7	84	86	10	
CLIC R 109-865 PO7	87	89	10	
CLIC R 109-880 PO7	88,5	90,5	10	
CLIC R 109-885 PO7	89	91	10	
CLIC R 109-890 PO7	89,5	91,5	10	
CLIC R 109-910 PO7	91,5	93,5	10	
CLIC R 109-930 PO7	93,5	95,5	10	
CLIC R 109-945 PO7	95	97	10	
CLIC R 109-970 PO7	97,5	99,5	10	
CLIC R 109-995 PO7	100	102	10	
CLIC R 109-1000 PO7	100,5	102,5	10	
CLIC R 109-1055 PO7	106	108	10	
CLIC R 109-1150 PO7	115,5	117,5	10	

## CHOOSING THE RIGHT CLIC® CLAMP

To select the correct diameter, please contact our sales engineers specifying the definition of your application (pipe-end diameter and tolerance as well as hose thickness and tolerance).

## FITTING AND REMOVAL OF CAILLAU® CLAMPS

CAILLAU® clamps can be fitted / removed with standard tools (pincers, screwdriver) but CAILLAU strongly recommends using specific tools.

CAILLAU's team offers a real Product/Process service, from recommending the most adapted fitting tool to implementing the fitting process and training operators on the assembly line.

The expertise CAILLAU's engineering team has of the mechatronic design process enables them to provide their customers with tools which guarantee that the clamps are properly fitted (control, detection tools).

Please contact our sales team who will introduce you to the whole range of CAILLAU® fitting tools and help you define which is best suited to your requirements.

Manual pliers



Pneumatic pliers

