

YDNAC

DOUBLE WIRE HOSE CLAMP

Part Number	Dia A Max	Dia B Nominal	Dia C Min	Dia D No Go	Wire Dia	h Max	R 1 Max	R 2 Max	X Feeler Gauge Dia	Colour
8010068	7.00	6.80	6.60	6.30	0.9	5.0	10.0	7.5	0.15	Yellow
8010073	7.50	7.30	7.00	6.55	1.0	5.2	10.6	8.0		Yellow
8010076	7.80	7.60	7.30	6.80		5.2	10.7	8.2		Black
8010081	8.30	8.10	7.80	7.35		5.5	10.7	8.3		White
8010086	8.80	8.60	8.30	7.90		5.5	14.0	12.0		Black
8010091	9.30	9.10	8.80	8.27		5.5	11.0	9.0	Yellow	
8010096/F	9.80	9.60	9.30	8.72	5.5	11.8	9.0	Black	0.17	
8010101	10.40	10.10	9.80	9.18	1.2	6.3	13.5	10.5		Yellow
8010107	11.00	10.70	10.40	9.72		6.3	14.8	11.4	White	
8010113	11.60	11.30	11.00	10.27		6.3	14.8	11.9	Black	
8010119/F	12.30	11.90	11.60	10.80	1.5	7.3	16.4	12.4	Yellow	
8010126/F	13.10	12.80	12.10	11.40		7.3	17.2	13.7	Black	
8010133	13.60	13.30	12.90	12.10		7.3	17.0	14.0	Yellow	
8010137	14.10	13.70	13.30	12.30		7.3	17.6	14.3	White	
8010140	14.40	14.00	13.60	12.70		7.3	18.0	14.5	Black	
8010148	15.10	14.80	14.40	13.40	1.8	8.4	19.6	16.0	Yellow	
8010158/F	15.90	15.60	14.80	14.10		8.4	21.0	16.4	White	
18010158	16.26	15.88	15.49	14.73		8.4	20.4	16.0	Yellow	
8010164	16.80	16.40	15.90	14.90		8.4	22.0	16.6	White	
8010173	17.70	17.30	16.80	15.70		8.4	21.3	16.5	Black	
8010182	18.70	18.20	17.70	16.50	1.0	9.8	22.7	17.7	Yellow	
8010192	19.60	19.20	18.70	17.40	2.0	9.9	23.3	18.0	White	
8010202	20.80	20.20	19.80	18.30		9.9	24.0	18.5	Black	
8010212	21.60	21.20	20.80	19.20	2.2	9.9	25.0	20.0	White	
8010221	22.60	22.10	21.50	20.00		10.7	25.8	21.3	Yellow	
8010226	23.10	22.60	22.00	20.60		10.7	26.2	22.0	Black	
8010231/F	24.00	23.10	22.50	20.70		10.7	26.8	20.6	Yellow	
8010242	24.70	24.20	23.50	22.00		10.7	27.3	22.3	Black	
8010252/C	26.00	25.30	24.40	22.50	2.5	11.4	27.5	22.3	Yellow	
8010258	26.40	25.80	25.10	23.40		11.4	28.0	23.5	White	
8010268/F	27.40	26.80	26.00	23.90		11.4	31.2	25.0	Yellow	
8010275	28.10	27.50	26.70	25.00		11.4	31.2	25.6	Black	
8010287	28.40	28.70	27.90	26.10		11.4	31.5	26.5	White	
8010300	30.90	30.00	29.30	27.80	2.8	12.8	32.3	27.3	Yellow	
8010313	32.00	31.30	30.40	28.40		12.8	33.5	28.2	White	
8010327/C	34.10	32.70	32.00	29.70		12.8	34.8	28.2	Yellow	
8010341	34.80	34.10	33.20	31.00		12.8	36.5	30.0	Black	
8010350	35.70	35.00	33.80	32.00		3.0	14.0	36.2	30.5	White
8010356	36.40	35.80	34.60	32.50	14.0		36.5	29.7	Black	
8010372	38.00	37.20	36.20	33.90	14.0		36.8	31.8	Yellow	
8010388	39.70	38.80	37.70	35.30	3.2	14.8	36.6	32.8	White	
8010396/F	41.00	40.00	38.00	35.60		14.8	39.7	32.8	Black	
8010405	41.40	40.50	39.40	36.90		14.8	40.2	34.0	Yellow	
8010429/F	44.00	42.90	41.00	37.90		14.8	41.4	34.7	White	
8010444/F	45.50	44.40	42.50	39.10		14.8	44.0	36.2	Black	
8010460/F	47.00	46.00	44.00	40.50	3.5	14.8	45.0	36.5	Yellow	
8010470/F	49.00	47.00	46.00	43.00		14.8	45.5	37.5	White	
8010498	50.90	49.80	48.40	45.30		15.8	46.8	39.0	Black	
8010520	53.20	52.00	50.60	47.30		15.8	48.5	40.5	Yellow	
8010542	55.40	54.20	52.70	49.30		15.8	49.0	41.0	Black	
8010560	57.40	56.00	54.40	51.00	3.8	15.8	50.0	42.0	White	
8010574	58.80	57.40	56.00	52.20		15.8	51.0	42.8	Yellow	
8010596	61.00	59.60	58.20	55.40		15.8	53.0	44.3	Black	
8010640	66.00	64.00	62.00	58.00	3.8	16.7	60.0	50.0	White	
8010740	75.00	73.00	71.00	66.60		16.7	64.0	54.0	White	

WHY DOUBLE WIRE CLAMPS?

YDNAC hose clamps are made of double strand steel wire with high resistance; they are coated with a preservative zinc coating which ensures a practically unlimited durability.

In comparison with other clamps they have the following advantages:



The stress on the plastic or rubber hose caused by the double strand EMWARD clamps is obviously lower - though the clamping action is the same - than the one caused by single wire clamps; in fact, the radial load is distributed over a wider surface of the hose [see picture A and B]. Furthermore, the roundness of wire of which the EMWARD clamps are made allows the cutting action, when compared with the one produced by the regular boot clamps [see pictures A and C], to be much lower. It ensures a longer durability of the flexible hoses and a higher resistance of blow-off.

GENERAL SPECIFICATION FOR YDNAC HOSE CLAMPS

DIMENSIONAL CONTROL

When the clamp is fitted over a tool gauge of dia + B, the lengths of the two ends must be one minus or equal to R, the other major or equal to R_v.

Owing to the oval shape of the clip, the test has to be made with a plug gauge with four diameters A, B, C, D - decreasing - whose values are shown on the table.

The following points must be observed:

- The clip, when opened at its maximum, must be able to run easily over the dia. 'A'.
- The clip, after being expanded to dia. 'A', must fit, with a good roundness, over the dia. 'A'.
- The condition of good roundness is ascertained if, between the clip and the gauge, no cylindrical feeler (calibrated wire) of a prescribed diameter passes.

In order to ascertain that permanent set suffered by material after the assembly be within the prescribed limits for the best working of the clip - this will be fitted on the dia. 'A' of gauge; then [in free condition] the clip must not pass over dia. 'D' [no-go] of the gauge.

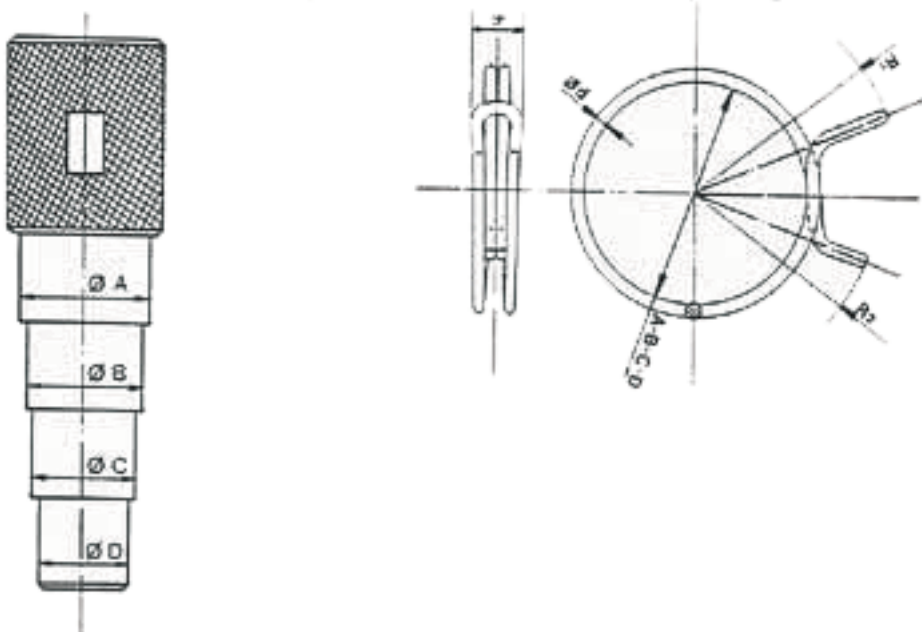
PRESERVATIVE COATING

The clips are coated, through the electrolytic process with ZINC, thick $\geq 8\mu$ as per specs. UNI 4721 [ASTM: A 164-55]. Resistance to corrosion is to be checked in a chamber with salt spray [5% Na Cl] as per specs. UNI 5687-65 [ASTM: B 117-64].

The minimum time of exposure to salt spray before rust marks are apparent is 48 hours.

COLOUR CODING

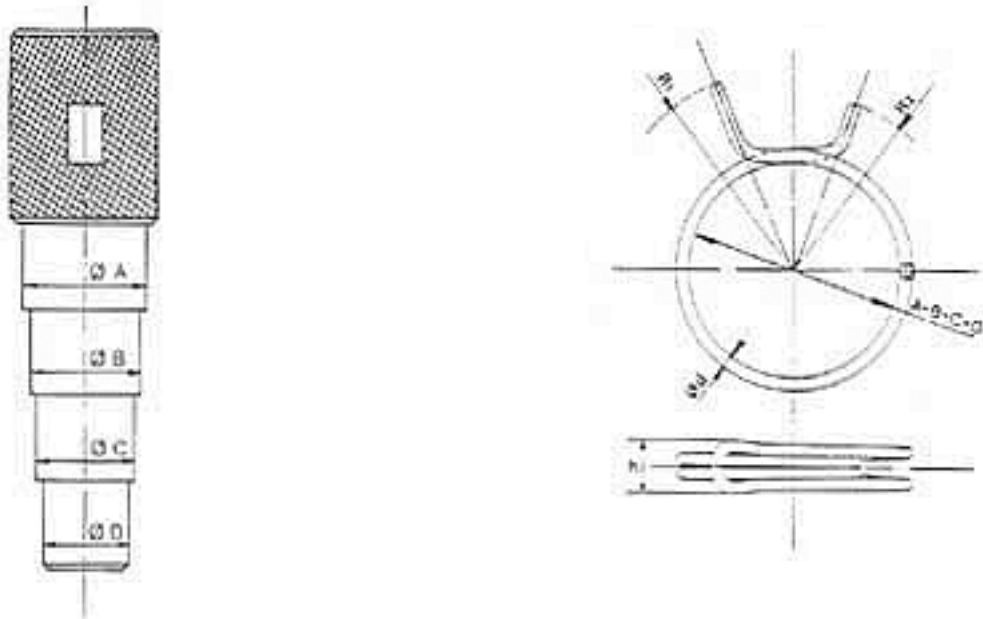
The clips have a colour coding for identification of size, corresponding to the one shown on the inside table.



YDNAC self-tightening clamps to fit flexible hoses subject to low pressures.

YDNAC

SELF-TIGHTENING DOUBLE WIRE HOSE CLAMPS



CLAMPS IN ADDITION TO THE NORMAL RANGE

10103/F	8010103	10,7	10,3	9,9	9,3	1,2	6,3	18,65	15,65	0,15	-----	WHITE	AG02/10
10128/L	8010128	13,1	12,8	12,4	11,2	1,2	6,3	24	20,1	0,15	-----	WHITE	AG02/10
10155/Z	8010155	15,9	15,5	14,8	13,7	1,8	8	27,35	23,75	0,2	-----	BLACK	AG02/10
10214/F	8010214	22,1	21,4	20,6	19,2	2,2	10,7	36	32,3	0,2	-----	BLACK	AG02/10
10640/S	8010640	66	64	62	58	3	13,8	86	78	0,3	-----	WHITE	AG02/10
10750/C	8010750	77	75	69	67	3,5	15,3	101,5	91,5	0,3	-----	YELLOW	AG02/10
10419/C	8010419	42,3	41,9	40	37	3,5	15,3	62,45	54,65	0,25	-----	YELLOW	AG02/10
10120/C	8010120	12,2	12	11,6	10,9	1,2	6,3	22,4	18,4	0,15	-----	WHITE	AG02/10
10245/F	8010245	25	24,5	23,5	21,5	2,2	10,7	39,55	33,55	0,2	-----	WHITE	AG02/10
10508	8010508	52	50,8	49,5	46,4	3,5	15,8	73,4	65,4	0,3	-----	WHITE	AG02/10
10670	8010670	59	67	65	60	3,8	16,7	95,5	84,5	0,3	-----	YELLOW	AG02/10