

PIPE FASTENING BANDS AND COLLARS CATALOGUE

2016 edition



O-RING



RETAINING RINGS



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SHEETS



CAPS AND COVERS



SPECIAL GASKETS



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Established in **1984** as manufacturing plant for technical articles in rubber and rubber metal, over the years it has carved out an important role in the national and international production reality for the manufacture and sales activity of rubber and plastic components.

Design of technical articles upon customer technical specification realized through drawing or reference sample. With the aim of guaranteeing the customer the best solution to every specific requirement, and thanks to its own know-how and versatility, MAR-GOM is in the position to carry out customized Study, Design and Manufacture of technical components



Execution of molds for rubber and plastic products. Using the most modern technologies, we are in the position of producing molds of various and complex shape thus guaranteeing high quality and fast execution times.

Our experience allows us to design and realize molds of small and big dimensions using various molding processes such as: INJECTION, COMPRESSION, TRANSFER.



Our production department for **injection and compression molding** consists of presses of various tonnage in order to guarantee efficiency and warranty of the manufactured products.



ISO 9001:2008 QUALITY This Quality Standard involves all activities that take into consideration all production processes, analyzing their standards and also foreseeing any possible deviations. Our final goal is to gain our customer's CONFIDENCE and therefore their full and complete satisfaction.

For this purpose our Company supervises all performances from design, products development, sales, supplies and communication area, to strategic choices.





PIPE FASTENING BANDS AND COLLARS



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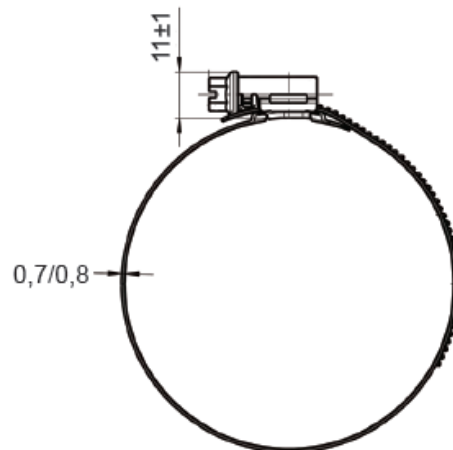
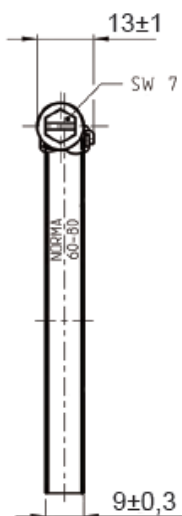
Worm-screw pipe fastening bands DIN 3017 - 9 mm TAPE

Characteristics: Bands from plain tape with rounded off edges to avoid pipe damage. Threaded screw-bush design guarantees uniform distribution of the radial applied strength. Tape shows clearly material the band is made of and the clamping field.

Material: W1,W2,W3,W4,W5.

On demand: Larger diameters.

Application: Production of 2 and 4 wheels vehicles, special vehicles, agriculture machines, boats, industrial plants and equipment in general.



	W1	W2	W3	W4	W5
SW 7 Philips Screw 	•	•			
SW 7 Slot Screw 			•	•	•
Flat Band 	•				
Printed Band 		•	•	•	•



Flexible Screwdriver

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Item code					Field Ø		Recommended clamping
W1	W2	W3	W4	W5			
					mm	items	Nm
F.100.001.1936	-	-	-	-	8-12	100	2.5
-	F.100.025.1936	F.100.048.1936	-	-	8-16	100	3
F.100.003.1936	-	-	F.100.072.1936	F.100.095.1936	10-16	100	
F.100.004.1936	-	-	-	-	12-18	100	
-	F.100.028.1936	F.100.051.1936	F.100.074.1936	F.100.097.1936	12-20	100	
F.100.006.1936	F.100.029.1936	F.100.052.1936	F.100.075.1936	F.100.098.1936	12-22	100	
F.100.007.1936	F.100.030.1936	F.100.053.1936	F.100.076.1936	F.100.099.1936	16-27	100	
F.100.008.1936	F.100.031.1936	F.100.054.1936	F.100.077.1936	F.100.100.1936	20-32	100	
F.100.009.1936	F.100.032.1936	F.100.055.1936	F.100.078.1936	F.100.101.1936	23-35	100	
F.100.010.1936	F.100.033.1936	F.100.056.1936	F.100.079.1936	F.100.102.1936	25-40	100	
F.100.011.1936	F.100.034.1936	F.100.057.1936	F.100.080.1936	F.100.103.1936	30-45	100	
F.100.012.1936	F.100.035.1936	F.100.058.1936	F.100.081.1936	F.100.104.1936	35-50	50	
F.100.013.1936	F.100.036.1936	F.100.059.1936	F.100.082.1936	F.100.105.1936	40-60	50	
F.100.014.1936	F.100.037.1936	F.100.060.1936	F.100.083.1936	F.100.106.1936	50-70	50	
F.100.015.1936	F.100.038.1936	F.100.061.1936	F.100.084.1936	F.100.107.1936	60-80	25	
F.100.016.1936	F.100.039.1936	F.100.062.1936	F.100.085.1936	F.100.108.1936	70-90	25	
F.100.017.1936	F.100.040.1936	F.100.063.1936	F.100.086.1936	F.100.109.1936	80-100	25	
F.100.018.1936	F.100.041.1936	F.100.064.1936	F.100.087.1936	F.100.110.1936	90-110	25	
F.100.019.1936	F.100.042.1936	F.100.065.1936	F.100.088.1936	F.100.111.1936	100-120	loose	
F.100.020.1936	F.100.043.1936	-	F.100.089.1936	F.100.112.1936	110-130	loose	
F.100.021.1936	F.100.044.1936	-	F.100.090.1936	F.100.113.1936	120-140	loose	
F.100.022.1936	F.100.045.1936	-	F.100.091.1936	F.100.114.1936	130-150	loose	
F.100.023.1936	F.100.046.1936	-	F.100.092.1936	F.100.115.1936	140-160	loose	

TYPE	MATERIALS
W1	All components in Chrome IV free galvanized carbon steel.
W2	Band and drawer made of 1.4016/AISI 430 stainless steel. Chrome IV free galvanized carbon steel screw.
W3	All components in 1.4016/AISI 430 stainless steel.
W4	All components in 1.4301/AISI 304 stainless steel.
W5	All components in 1.4401/AISI 316 stainless steel.

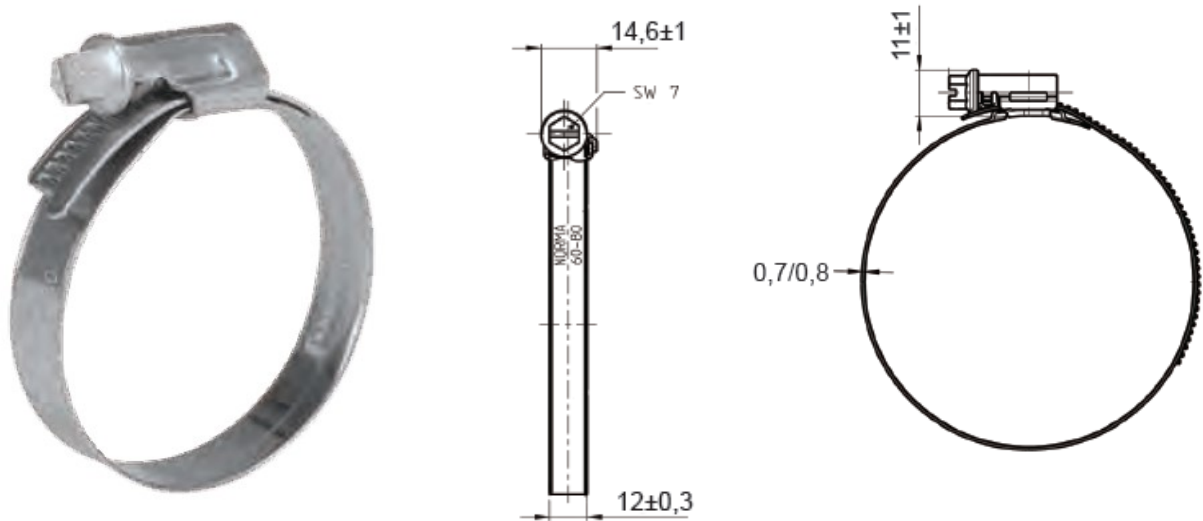
Worm-screw pipe fastening bands DIN 3017 - 12 mm TAPE

Characteristics: Bands from plain tape with rounded off edges to avoid pipe damage. Threaded screw-bush design guarantees uniform distribution of the radial applied strength. Tape shows clearly material the band is made of and the clamping field.

Material: W1,W2,W3,W4,W5.

On demand: Larger diameters.

Application: Production of 2 and 4 wheels vehicles, special vehicles, agriculture machines, boats, industrial plants and equipment in general.



	W1	W2	W3	W4	W5
SW 7 Phillips Screw 	•	•			
SW 7 Slot Screw 			•	•	•
Flat Band 	•	•	•		
Printed Band 				•	•



Flexible Screwdriver

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Item code					Field Ø		Recommnded clamping
W1	W2	W3	W4	W5			
					mm	items	Nm
F.100.116.1936	F.100.145.1936	F.100.174.1936	F.100.203.1936	F.100.232.1936	16-27	50	5
F.100.117.1936	F.100.146.1936	F.100.175.1936	F.100.204.1936	F.100.233.1936	20-32	50	
-	-	-	F.100.205.1936	F.100.234.1936	23-35	50	
F.100.119.1936	F.100.148.1936	F.100.177.1936	F.100.206.1936	F.100.235.1936	25-40	50	
F.100.120.1936	F.100.149.1936	F.100.178.1936	F.100.207.1936	F.100.236.1936	30-45	50	
F.100.121.1936	F.100.150.1936	F.100.179.1936	F.100.208.1936	F.100.237.1936	35-50	50	
F.100.122.1936	F.100.151.1936	F.100.180.1936	F.100.209.1936	F.100.238.1936	40-60	25	
F.100.123.1936	F.100.152.1936	F.100.181.1936	F.100.210.1936	F.100.239.1936	50-70	25	
F.100.124.1936	F.100.153.1936	F.100.182.1936	F.100.211.1936	F.100.240.1936	60-80	25	
F.100.125.1936	F.100.154.1936	F.100.183.1936	F.100.212.1936	F.100.241.1936	70-90	25	
F.100.126.1936	F.100.155.1936	F.100.184.1936	F.100.213.1936	F.100.242.1936	80-100	loose	
F.100.127.1936	F.100.156.1936	F.100.185.1936	F.100.214.1936	F.100.243.1936	90-110	loose	
F.100.128.1936	F.100.157.1936	F.100.186.1936	F.100.215.1936	F.100.244.1936	100-120	loose	
F.100.129.1936	F.100.158.1936	F.100.187.1936	F.100.216.1936	F.100.245.1936	110-130	loose	
F.100.130.1936	F.100.159.1936	F.100.188.1936	F.100.217.1936	F.100.246.1936	120-140	loose	
F.100.131.1936	F.100.160.1936	F.100.189.1936	F.100.218.1936	F.100.247.1936	130-150	loose	
F.100.132.1936	F.100.161.1936	F.100.190.1936	F.100.219.1936	F.100.248.1936	140-160	loose	
F.100.133.1936	F.100.162.1936	F.100.191.1936	F.100.220.1936	F.100.249.1936	150-170	loose	
F.100.134.1936	F.100.163.1936	F.100.192.1936	F.100.221.1936	F.100.250.1936	160-180	loose	
F.100.135.1936	-	F.100.193.1936	F.100.222.1936	F.100.251.1936	170-190	loose	
F.100.136.1936	-	F.100.194.1936	F.100.223.1936	F.100.252.1936	180-200	loose	
F.100.137.1936	-	F.100.195.1936	F.100.224.1936	F.100.253.1936	190-210	loose	
F.100.138.1936	-	-	-	-	200-220	loose	
F.100.139.1936	-	-	-	-	210-230	loose	
F.100.140.1936	-	-	-	-	220-240	loose	
F.100.141.1936	-	-	-	-	230-250	loose	
F.100.142.1936	-	-	-	-	240-260	loose	
F.100.143.1936	-	-	-	-	250-270	loose	
F.100.144.1936	-	-	-	-	260-280	loose	

TYPE	MATERIALS
W1	All components in Chrome VI free galvanized carbon steel .
W2	Band and drawer made of 1.4016/AISI 430 stainless steel. Chrome IV free galvanized carbon steel screw.
W3	All components in 1.4016/AISI 430 stainless steel.
W4	All components in 1.4301/AISI 304 stainless steel.
W5	All components in 1.4401/AISI 316 stainless steel.

Worm-screw pipe fastening bands with compensation sector - 9 and 12 mm TAPE

Characteristics: Band produced to solve the sleeve expansion or retraction problem under the effect of temperature changes. Its special elastic sector fitted to the band compensates these sleeve temperature changes thus guaranteeing that the fitting torque used is constantly kept.

Material: W3.



Item code	Field Ø		Band width
W3	mm	items	mm
F.100.261.1936	8-16	100	9
F.100.262.1936	12-22	100	
F.100.263.1936	16-27	100	
F.100.264.1936	20-32	100	
F.100.265.1936	25-40	100	
F.100.266.1936	32-50	50	
F.100.267.1936	40-60	50	
F.100.268.1936	50-70	25	
F.100.269.1936	60-80	25	
F.100.270.1936	70-90	25	
F.100.271.1936	16-27	50	12
F.100.272.1936	23-35	50	
F.100.273.1936	30-45	50	
F.100.274.1936	35-50	50	
F.100.275.1936	40-60	25	
F.100.276.1936	50-70	25	
F.100.277.1936	60-80	25	
F.100.278.1936	70-90	25	
F.100.279.1936	80-100	20	
F.100.280.1936	90-110	20	
F.100.281.1936	110-130	20	

Drawer band and screw: AISI 430

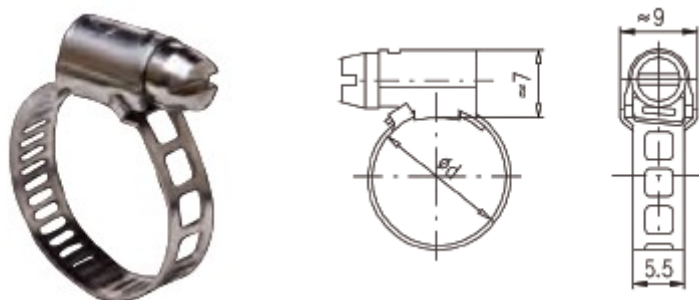
Elastic sector AISI 304

TYPE	MATERIAL
W3	All components in 1.4016/AISI 430 stainless steel.

Worm-screw pipe fastening bands DIN 3017 - 5 mm TAPE

Characteristics: Bands suitable for small size pipes and where flexible and small size band is required or for those applications where low clamping couple is necessary.

Material: W2B with electrogalvanized carbon steel screw and drawer and stainless steel tape SS2320/AISI 430.



Item code	Field Ø		Recommended clamping torque
W2B	mm	items	Nm
F.100.282.1936	7-11	100	1.5
F.100.283.1936	9-14	100	
F.100.284.1936	10-19	100	

TYPE	MATERIAL
W2B	Tape in 1.4016/AISI 430 stainless steel. Drawer and screw in galvanized carbon Chrome VI free steel.

Worm-screw pipe fastening bands DIN 3017 - 7.5 mm TAPE

Characteristics: Band range also includes for the 7.5 mm tape version which is recommended in all applications where small size pipes are foreseen and where it is necessary to use flexible and space-saving band.

Material: W2.



6 mm hex. head screw

Item code	Field Ø		Recommended clamping torque
W2	mm	item	Nm
F.100.285.1936	8-12	100	2.5
F.100.286.1936	10-16	100	
F.100.287.1936	12-18	100	

TYPE	MATERIAL
W2	Tape and drawer in 1.4016/AISI 430 stainless steel. Chrome VI free galvanized carbon steel screw.

Screw type collars for non-heavy duty applications DIN 3017 - 9 mm TAPE

Item code		Field Ø		Recommended clamping torque
W1	W4	mm	items	Nm
F.100.288.1936	F.100.302.1936	6.5-7.5	150	1.5
F.100.289.1936	F.100.303.1936	7.5-8.5	150	
F.100.290.1936	F.100.304.1936	8.5-9.5	150	
F.100.291.1936	F.100.305.1936	9.5-11	150	
F.100.292.1936	F.100.306.1936	10.5-12	150	
F.100.293.1936	F.100.307.1936	11.5-13	150	
F.100.294.1936	F.100.308.1936	12.5-14	150	
F.100.295.1936	F.100.309.1936	13.5-15	150	
F.100.296.1936	F.100.310.1936	14.5-16	150	
F.100.297.1936	F.100.311.1936	15-17	150	
F.100.298.1936	F.100.312.1936	16-18	150	
F.100.299.1936	F.100.313.1936	17-19	150	
F.100.300.1936	F.100.314.1936	18-20	150	
F.100.301.1936	F.100.315.1936	19-21	150	

Characteristics: Collars are recommended for rubber or PVC hoses and for those applications where the clamping torque is not high.

Material: W1, W4.

On demand: Larger diameters up to 120 mm.



7 mm hex. head screw wrench

TYPE	MATERIAL
W1	All components in Chrome VI free galvanized carbon steel.
W4	All components in 1.4301/AISI 304 stainless steel.

Screw type collars for non-heavy duty applications DIN 3017 - 9 mm TAPE

Item code		Field Ø	
W1		mm	items
F.100.316.1936		6-8	100
F.100.317.1936		7-9	100
F.100.318.1936		8-10	100
F.100.319.1936		9-11	100
F.100.320.1936		10-12	100
F.100.321.1936		11-13	100
F.100.322.1936		12-14	100
F.100.323.1936		13-15	100
F.100.324.1936		14-16	100
F.100.325.1936		15-17	100
F.100.326.1936		16-18	100
F.100.327.1936		17-19	100
F.100.328.1936		19-21	100

Characteristics: Pipe fastening collars suitable for fixed rated diameters. They are recommended for non heavy-duty applications and are particularly suitable to close fuel hoses.

Material: W1.

On demand: Larger diameters up to 120 mm.



7 mm hex. head screw wrench

TYPE	MATERIAL
W1	All components in Chrome VI free galvanized carbon steel.

Worm-screw type fastening bands STANDARD SAE - 15.8 e 14.3mm TAPES

Characteristics: Bands used on pipes that due to the temperature, environmental or process changes may be subject to diameter increase or reduction with consequently fluids leakage. Thanks to the disc springs fitted this type of bands, as compared to the normal pipe fastening bands, is able to withstand this phenomenon by compensating the pipe diameter variations.

Material: W4* galvanized screw.

On demand: AISI 304 (W4) stainless steel completely version.



15.8 mm tape band: 10 mm wrench hex. head screw

14.3 mm tape band: 8 mm wrench hex. head screw

Item code	Field Ø		Recommended clamping torque	Band width
W4*	mm	items	Nm	mm
F.100.329.1936	23-45	50	12	15.8
F.100.330.1936	32-54	50		
F.100.331.1936	45-67	50		
F.100.332.1936	57-79	50		
F.100.333.1936	70-92	50		
F.100.334.1936	83-105	50		
F.100.335.1936	95-118	50		
F.100.336.1936	108-130	50		
F.100.337.1936	121-143	50		
F.100.338.1936	133-156	25		
F.100.339.1936	146-168	25		
F.100.340.1936	159-181	25		
F.100.341.1936	172-194	25		
F.100.342.1936	184-206	25		
F.100.343.1936	197-219	25		
F.100.344.1936	210-232	25	6.5	14.3
F.100.345.1936	13-23	50		
F.100.346.1936	14-27	50		
F.100.347.1936	17-32	50		
F.100.348.1936	21-38	50		
F.100.349.1936	21-44	50		

TYPE	MATERIAL
W4	All components in 1.4301/AISI 304 stainless steel.
W4*	Components in 1.4301/AISI 304 stainless steel and galvanized screw.

Worm-screw type fastening bands STANDARD SAE (Made in USA) - 15.8 mm TAPES

Characteristics: Bands design and realized in order to guarantee an high clamping torque, higher than normal pipe clamping bands. The sturdiness and the shape of the screw holding “quadra-lock” drawer and the screw threads constantly set on the eight rack-and-pinion threads make this series suitable for particularly heavy duty applications (pressures and vibrations). The tape is characterized by an internal protection—“liner” that maintains the integrity of pipe external surface.

Material: AISI 304 tape and drawer and AISI 410 screw.

On demand: AISI 316 (W5) stainless steel version.



8 mm wrench hex. head screw

Item code	Field Ø		Recommended Clamping torque
	mm	items	Nm
F.100.350.1936	25-45	100	12
F.100.351.1936	32-54	100	
F.100.352.1936	45-67	50	
F.100.353.1936	57-79	50	
F.100.354.1936	70-92	50	
F.100.355.1936	83-105	25	
F.100.356.1936	95-118	25	
F.100.357.1936	108-130	loose	
F.100.358.1936	121-143	loose	
F.100.359.1936	133-156	loose	
F.100.360.1936	146-168	loose	
F.100.361.1936	159-181	loose	
F.100.362.1936	172-194	loose	
F.100.363.1936	184-206	loose	
F.100.364.1936	197-219	loose	
F.100.365.1936	210-232	loose	

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Worm-screw type fastening bands STANDARD SAE (Made in USA) - 14.3 mm TAPE

Characteristics: Bands produced with punched tape that in combination with the design of the screw holding drawer "quadra-lock" ensure optimal band tensioning in order to avoid any possible loosening in case of strong stresses. The saddle of the screw holding drawer is of particularly reduced dimensions in order to ensure complete adherence of band to pipe circumference. In this way any ovalisation in case of reduced diameters are avoided (pipes with diameter lower than 30 mm).

Material: W2, W4.

Application: These bands are used in the production of engine vehicles, in the nautical, industrial, chemical and food field.

Item code		Field Ø		Recommended clamping torque
W2	W4			
		mm	items	Nm
F.100.366.1936	F.100.376.1936	11-20	10	6
F.100.367.1936	F.100.377.1936	13-23	10	
F.100.368.1936	F.100.378.1936	14-27	10	
F.100.369.1936	F.100.379.1936	17-32	10	
F.100.370.1936	F.100.380.1936	21-38	10	
F.100.371.1936	F.100.381.1936	21-44	10	
F.100.372.1936	F.100.382.1936	27-51	10	
F.100.373.1936	F.100.383.1936	33-57	10	
F.100.374.1936	F.100.384.1936	40-64	10	
F.100.375.1936	F.100.385.1936	46-70	10	



8 mm wrench hex. head screw

TYPE	MATERIAL
W2	Tape and drawer in 1.4016/AISI 430 stainless steel. Chrome IV free galvanized carbon steel screw.
W4	All components in 1.4301/AISI 304 stainless steel.

Worm-screw type fastening bands STANDARD SAE (Made in USA) - 14.3 mm TAPE

Characteristics: Bands produced with punched tape and thanks to the reduced dimensions of the screw holding drawer can be easily used in reduced spaces and therefore ideal for application on small diameters (fuel hoses, air hoses etc.)

Item code	Field Ø		Recommended clamping torque
W2	mm	items	Nm
F.100.386.1936	5.6-16	10	2
F.100.387.1936	11-20	10	
F.100.388.1936	13-23	10	



6 mm wrench hex. head screw

TYPE	MATERIAL
W2	Tape and drawer in 1.4016/AISI 430 stainless steel. Chrome IV free galvanized steel screw.

High tightness worm-screw type fastening bands - 9 and 12 mm TAPES

Characteristics: This band is produced in compliance with BS5315 Standard and carries on it the Kitemark approved mark. This type of band is produced with high technology automatic machines and is made of glossy galvanized steel. It is characterized by an high clamping torque that guarantees its leak free tightness together with corrosion resistance of at least three times higher than normal galvanized steel. It is produced through an high quality control process.

Material: Band and drawer high corrosion resistant –Aluzink– with additional polishing treatment and galvanized steel screw.

Item code	Field Ø		Recommended clamping torque	Band width
W1	mm	items	Nm	mm
F.100.389.1936	9.5-12	50	3	9
F.100.390.1936	11-16	50		
F.100.391.1936	13-20	50		
F.100.392.1936	16-22	50	3	12
F.100.393.1936	18-25	50		
F.100.394.1936	22-30	50	4	
F.100.395.1936	25-35	50		
F.100.396.1936	30-40	50		
F.100.397.1936	35-45	50		
F.100.398.1936	35-50	50	7	
F.100.399.1936	40-55	50		
F.100.400.1936	45-60	50		
F.100.401.1936	55-70	50	8	
F.100.402.1936	60-80	50		
F.100.403.1936	70-90	50		
F.100.404.1936	85-100	50		
F.100.405.1936	90-120	loose		
F.100.406.1936	110-140	loose		
F.100.407.1936	130-160	loose		
F.100.408.1936	150-180	loose		
F.100.409.1936	175-205	loose		
F.100.410.1936	200-230	loose		
F.100.411.1936	225-255	loose		
F.100.412.1936	250-280	loose		
F.100.413.1936	275-305	loose		



TYPE	MATERIAL
W1	All components in Chrome IV free galvanized carbon steel.

Worm-screw type fastening bands- 9 mm TAPE

Characteristics: Bands from plain tape with rounded off edges to avoid pipe damages. The screw holding bush design guarantees uniform distribution of the radial applied strength.

Material: W2,W4

Application: For industrial applications in general.



Item code		Field Ø			Recommended clamping torque
W2	W4		W2	W4	
		mm	items	items	Nm
F.100.414.1936	F.100.428.1936	8-12	1000	500	3
F.100.415.1936	F.100.429.1936	10-16	1000	500	
F.100.416.1936	F.100.430.1936	12-22	1000	500	
F.100.417.1936	F.100.431.1936	16-27	1000	500	
F.100.418.1936	F.100.432.1936	20-32	1000	500	
F.100.419.1936	F.100.433.1936	23-35	1000	500	
F.100.420.1936	F.100.434.1936	25-40	1000	500	
F.100.421.1936	F.100.435.1936	30-45	1000	500	
F.100.422.1936	F.100.436.1936	32-50	500	250	
F.100.423.1936	F.100.437.1936	40-60	500	250	
F.100.424.1936	F.100.438.1936	50-70	500	250	
F.100.425.1936	F.100.439.1936	60-80	250	100	
F.100.426.1936	F.100.440.1936	70-90	250	100	
F.100.427.1936	F.100.441.1936	80-100	250	100	

7 mm wrench hex. head screw

TYPE	MATERIAL
W2	Tape and drawer in 1.4016/AISI 430 stainless steel. Chrome IV free galvanized steel screw.
W4	All components in 1.4301/AISI 304 stainless steel.

Worm-screw type fastening bands - 12 mm TAPE

Characteristics: Bands from plain tape with rounded off edges to avoid pipe damages. The screw holding bush design guarantees uniform distribution of the radial applied strength.

Material: W2,W4

Application: For industrial applications in general.



Item code		Field Ø			Recommended clamping torque
W2	W4		W2	W4	
		mm	items	items	Nm
F.100.442.1936	F.100.457.1936	16-27	1000	500	5
F.100.443.1936	F.100.458.1936	20-32	1000	500	
F.100.444.1936	F.100.459.1936	23-35	1000	500	
F.100.445.1936	F.100.460.1936	25-40	1000	500	
F.100.446.1936	F.100.461.1936	30-45	1000	500	
F.100.447.1936	F.100.462.1936	32-50	500	250	
F.100.448.1936	F.100.463.1936	40-60	500	250	
F.100.449.1936	F.100.464.1936	50-70	250	100	
F.100.450.1936	F.100.465.1936	60-80	250	100	
F.100.451.1936	F.100.466.1936	70-90	250	100	
F.100.452.1936	F.100.467.1936	80-100	250	100	
F.100.453.1936	F.100.468.1936	90-110	250	100	
F.100.454.1936	F.100.469.1936	100-120	250	100	
F.100.455.1936	F.100.470.1936	110-130	250	100	
F.100.456.1936	F.100.471.1936	120-140	250	100	

7 mm wrench hex. head screw

TYPE	MATERIAL
W2	Tape and drawer in 1.4016/AISI 430 stainless steel. Chrome IV free galvanized steel screw.
W4	All components in 1.4301/AISI 304 stainless steel.

Worm-screw type fastening bands - 9 mm TAPE - DIN Standard

Characteristics: The 9 mm band is produced with printed rack ring and rounded off edges to avoid pipe damages. Crimping of drawer to the ring by welding point in order to ensure effective hold. This band is characterized by high flexibility in adapting to pipe circumference and it is recommended for all industrial applications.

Material: W2B, W4.

Application: Recommended for all industrial applications in general.

7 mm wrench hex. head



Also available in plastic boxes

Item code		Field Ø		Recommended clamping torque
W2B	W4			
		mm	items	Nm
F.100.472.1936	F.100.493.1936	8-16	100	3
F.100.473.1936	F.100.494.1936	8-14	100	
F.100.474.1936	F.100.495.1936	10-17	100	
F.100.475.1936	F.100.496.1936	12-20	100	
F.100.476.1936	F.100.497.1936	12-22	100	
F.100.477.1936	F.100.498.1936	15-25	100	
F.100.478.1936	F.100.499.1936	16-27	100	
F.100.479.1936	F.100.500.1936	20-32	100	
F.100.480.1936	F.100.501.1936	25-40	100	
F.100.481.1936	F.100.502.1936	25-45	50	
F.100.482.1936	F.100.503.1936	32-50	50	
F.100.483.1936	F.100.504.1936	40-60	50	
F.100.484.1936	F.100.505.1936	50-70	25	
F.100.485.1936	F.100.506.1936	60-80	25	
F.100.486.1936	F.100.507.1936	70-90	25	
F.100.487.1936	F.100.508.1936	80-100	25	
F.100.488.1936	F.100.509.1936	90-110	25	
F.100.489.1936	F.100.510.1936	100-120	25	
F.100.490.1936	F.100.511.1936	110-130	25	
F.100.491.1936	F.100.512.1936	120-140	25	
F.100.492.1936	F.100.513.1936	140-160	25	

TYPE	MATERIAL
W2B	Tape and drawer in 1.4016/AISI 430 stainless steel. Chrome IV free galvanized steel screw.
W4	All components in 1.4301/AISI 304 stainless steel.

Worm-screw type fastening bands - DIN Standard - 12 mm TAPE

Characteristics: The 12mm band is produced with printed rack ring and rounded off edges to avoid pipe damages. Crimping of drawer to the ring by welding point in order to ensure effective hold.

Material: W2B, W4.

Application: Suitable band for high degree of tightness and clamping.

Item code		Field Ø		Recommended clamping torque
W2B	W4			
		mm	items	Nm
F.100.514.1936	F.100.544.1936	15-25	50	5
F.100.515.1936	F.100.545.1936	19-28	50	
F.100.516.1936	F.100.546.1936	20-32	50	
F.100.517.1936	F.100.547.1936	25-40	50	
F.100.518.1936	F.100.548.1936	25-45	50	
F.100.519.1936	F.100.549.1936	32-50	50	
F.100.520.1936	F.100.550.1936	40-60	50	
F.100.521.1936	F.100.551.1936	50-70	50	
F.100.522.1936	F.100.552.1936	58-75	50	
F.100.523.1936	F.100.553.1936	60-80	50	
F.100.524.1936	F.100.554.1936	70-90	50	
F.100.525.1936	F.100.555.1936	80-100	50	
F.100.526.1936	F.100.556.1936	90-110	50	
F.100.527.1936	F.100.557.1936	100-120	25	
F.100.528.1936	F.100.558.1936	110-130	25	
F.100.529.1936	F.100.559.1936	120-140	25	
F.100.530.1936	F.100.560.1936	130-150	25	
F.100.531.1936	F.100.561.1936	140-160	25	
F.100.532.1936	F.100.562.1936	160-180	25	
F.100.533.1936	F.100.563.1936	175-205	25	
F.100.534.1936	F.100.564.1936	200-220	25	
F.100.535.1936	F.100.565.1936	220-240	25	
F.100.536.1936	F.100.566.1936	240-260	25	
F.100.537.1936	F.100.567.1936	250-280	25	
F.100.538.1936	F.100.568.1936	280-300	25	
F.100.539.1936	F.100.569.1936	300-320	25	
F.100.540.1936	F.100.570.1936	310-340	25	
F.100.541.1936	F.100.571.1936	330-360	25	
F.100.542.1936	F.100.572.1936	350-380	25	
F.100.543.1936	F.100.573.1936	370-400	25	



Also available in plastic boxes

7 mm wrench hex. head screw

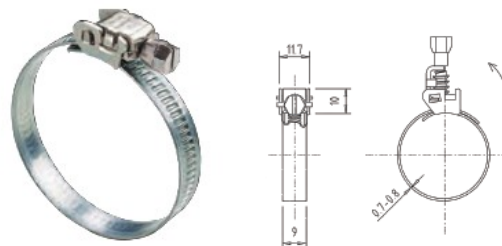
TYPE	MATERIAL
W2B	Tape in 1.4016/AISI 430 stainless steel Drawer and screw in Chrome IV free galvanized carbon steel .
W4	All components in 1.4301/AISI 304 stainless steel.

Tip-up drawer, worm-screw type fastening bands - 9 mm PRINTED TAPE

Item code	Field Ø		Recommended clamping torque
W2B	mm	items	Nm
F.100.574.1936	23-35	100	3
F.100.575.1936	30-45	100	
F.100.576.1936	32-50	100	
F.100.577.1936	40-60	100	4
F.100.578.1936	50-70	100	
F.100.579.1936	60-80	100	
F.100.580.1936	70-90	100	

Characteristics: This band is produced with printed rack ring on all band length, smooth inside and rounded off edges to avoid pipe damages. Main characteristic is the Tip-up screw drawer that facilitates quick fitting due to automatic locking system that detects the pipe right diameter. Tape width is 9 mm.

Material: W2B.



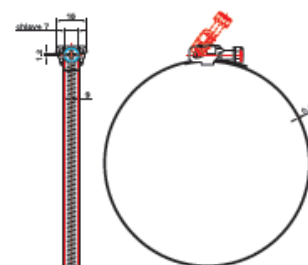
7 mm wrench hex. head screw

Tip-up drawer, worm-screw type fastening bands - 9 mm PRINTED TAPE

Item code		Field Ø		Recommended clamping torque
W2B	W4			
		mm	items	Nm
F.100.581.1936	F.100.592.1936	60-110	100	4
F.100.582.1936	F.100.593.1936	60-135	100	
F.100.583.1936	F.100.594.1936	60-145	100	
F.100.584.1936	F.100.595.1936	60-170	100	
F.100.585.1936	F.100.596.1936	60-215	100	
F.100.586.1936	F.100.597.1936	60-270	100	
F.100.587.1936	F.100.598.1936	60-325	100	
F.100.588.1936	F.100.599.1936	60-380	100	
F.100.589.1936	F.100.600.1936	60-425	100	
F.100.590.1936	F.100.601.1936	60-525	100	
F.100.591.1936	F.100.602.1936	60-660	100	

Characteristics: This band is produced with printed rack ring on all band length, smooth inside and rounded off edges to avoid pipe damages. Main characteristic is the Tip-up screw drawer that facilitates quick fitting due to automatic locking system that detects the pipe right diameter. Tape width is 9 mm.

Material: W2B, W4.



7 mm wrench hex. head screw

W2B	Tape in 1.4016/AISI 430 stainless steel
W4	All components in 1.4301/AISI 304 stainless steel.

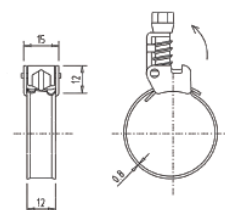


Tip-up drawer, worm-screw type fastening bands - 12 mm PIERCED TAPE

Item code	Field Ø		Recommended clamping torque
W2B	mm	items	Nm
F.100.603.1936	14-22	50	5
F.100.604.1936	20-30	50	
F.100.605.1936	24-36	50	
F.100.606.1936	24-44	50	
F.100.607.1936	32-52	50	
F.100.608.1936	40-60	50	
F.100.609.1936	47-67	50	
F.100.610.1936	62-82	50	
F.100.611.1936	77-97	50	
F.100.612.1936	92-112	50	
F.100.613.1936	107-127	50	

Characteristics: Bands are produced with pierced tape with raised edges for a better pipe protection. The exceptional Tip-up head type locking system allows for a quick fitting on pipes and their safe locking.

Material: Screw and drawer in electro-galvanized and passivated carbon steel. Tape in AISI 430 stainless steel.



Hex. Head Screw Wrench 7 mm

W2B	Tape in 1.4016/AISI 430 stainless steel
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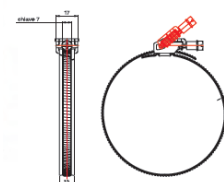
Tip-up drawer, worm-screw type fastening bands - 12 mm PRINTED TAPE

Item code		Field Ø		Recommended clamping torque
W2B	W4	mm	items	Nm
F.100.614.1936	F.100.627.1936	60-100	50	5
F.100.615.1936	F.100.628.1936	60-110	50	
F.100.616.1936	F.100.629.1936	60-125	50	
F.100.617.1936	F.100.630.1936	60-135	50	
F.100.618.1936	F.100.631.1936	60-145	50	
F.100.619.1936	F.100.632.1936	60-170	50	
F.100.620.1936	F.100.633.1936	60-215	50	
F.100.621.1936	F.100.634.1936	60-270	50	
F.100.622.1936	F.100.635.1936	60-325	50	
F.100.623.1936	F.100.636.1936	60-380	50	
F.100.624.1936	F.100.637.1936	60-425	50	
F.100.625.1936	F.100.638.1936	60-525	50	
F.100.626.1936	F.100.639.1936	60-660	50	

Characteristics: This band is produced with printed tape with raised edges for a better pipe protection. The exceptional Tip-up head type locking system allows for a quick fitting on pipes and their safe locking.

Material: W2B,W4

Application: Suitable band for high degree of tightness and clamping



7 mm wrench hex. head

W2B	Tape in 1.4016/AISI 430 stainless steel
W4	All components in 1.4301/AISI 304 stainless steel.

Characteristics: The spring type two-wire bands are used for rubber or PVC hoses. Ideal for light-duty tightness and on reduced thickness hoses.

Material: W1.

Item code	Field Ø			Wire diameter	
	min	Ideal	max		
W1	mm	mm	mm	mm	items
F.100.640.1936	6.6	6.8	7	1	1000
F.100.641.1936	7	7.3	7.5	1	1000
F.100.642.1936	7.3	7.6	7.8	1	1000
F.100.643.1936	7.8	8.1	8.3	1	1000
F.100.644.1936	8.3	8.6	8.8	1	1000
F.100.645.1936	8.8	9.1	9.3	1	1000
F.100.646.1936	9.3	9.6	9.9	1	1000
F.100.647.1936	9.8	10.1	10.4	1.2	1000
F.100.648.1936	10.4	10.7	11	1.2	1000
F.100.649.1936	11	11.3	11.6	1.2	1000
F.100.650.1936	11.6	11.9	12.3	1.5	1000
F.100.651.1936	12.1	12.8	13.1	1.5	1000
F.100.652.1936	12.9	13.3	13.6	1.5	1000
F.100.653.1936	13.3	13.7	14.1	1.5	1000
F.100.654.1936	13.6	14	14.4	1.5	600
F.100.655.1936	14.4	14.8	15.1	1.8	600
F.100.656.1936	14.8	15.6	15.9	1.8	600
F.100.657.1936	15.49	15.8	16.26	1.8	600
F.100.658.1936	15.9	16.4	16.8	1.8	600
F.100.659.1936	16.8	17.3	17.7	1.8	600
F.100.660.1936	17.7	18.2	18.7	1.9	500
F.100.661.1936	18.7	19.2	19.6	2	500
F.100.662.1936	19.6	20.2	20.6	2	500
F.100.663.1936	20.6	21.2	21.6	2.2	500
F.100.664.1936	21.5	22.1	22.6	2.2	300
F.100.665.1936	22	22.6	23.1	2.2	300
F.100.666.1936	22.5	23.1	24	2.2	300
F.100.667.1936	23.5	24.2	24.7	2.2	300



W1	All components in Chrome IV free galvanized carbon steel.
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Characteristics: The spring-type fastening bands are suitable for all applications subject to frequent changes in temperature; their clamping action is dynamic and constant thus avoiding leakage risk.

Material: C75S. High carbon steel for springs.

Item code	Field Ø	
	mm	items
F.100.668.1936	13	100
F.100.669.1936	14	100
F.100.670.1936	15	100
F.100.671.1936	16	100
F.100.672.1936	17	100
F.100.673.1936	18	100
F.100.674.1936	19	100
F.100.675.1936	20	100
F.100.676.1936	21	100
F.100.677.1936	22	100
F.100.678.1936	23	100
F.100.679.1936	24	100
F.100.680.1936	25	100
F.100.681.1936	26	100
F.100.682.1936	27	100
F.100.683.1936	28	100
F.100.684.1936	29	100
F.100.685.1936	30	100
F.100.686.1936	32	100
F.100.687.1936	35	100
F.100.688.1936	36	100
F.100.689.1936	37	100
F.100.690.1936	38	100
F.100.691.1936	40	100
F.100.692.1936	42	100
F.100.693.1936	44	100
F.100.694.1936	46	100
F.100.695.1936	47	100
F.100.696.1936	49	100
F.100.697.1936	50	100
F.100.698.1936	51	100
F.100.699.1936	53	100
F.100.700.1936	55	100



Hand pliers for small size diameters.



Hand pliers suitable to all nominal diameters.

The integrated safety lever sets plier in position.

Characteristics: The clamp-on bands in the one ear or two ear version are suitable for rubber or PVC hoses; the clamping degree is safe, quick and considered as definitive (not reusable); it represents the most economic available on the market. To be fitted using normal pliers or pneumatic tool for larger quantities.

Material: W1.

Item code	Field Ø	
W1	mm	items
F.100.701.1936	8-10	100
F.100.702.1936	9-11	100
F.100.703.1936	10-12	100
F.100.704.1936	11-13	100
F.100.705.1936	12-14	100
F.100.706.1936	14-16	100
F.100.707.1936	16-18	100

1 EAR BAND



Item code	Field Ø	
W1	mm	items
F.100.708.1936	7-9	100
F.100.709.1936	9-11	100
F.100.710.1936	10-12	100
F.100.711.1936	11-13	100
F.100.712.1936	13-15	100
F.100.713.1936	15-18	100
F.100.714.1936	17-20	100
F.100.715.1936	20-23	100
F.100.716.1936	22-25	100
F.100.717.1936	25-28	100
F.100.718.1936	28-31	100

2 EAR BAND



Item code	Field Ø	
W1	mm	items
F.100.719.1936	7.5-8.5	100
F.100.720.1936	8.0-9.5	100
F.100.721.1936	9.0-10.5	100
F.100.722.1936	10.0-11.5	100
F.100.723.1936	10.5-12.5	100
F.100.724.1936	11.5-13.5	100
F.100.725.1936	13.0-15.3	100
F.100.726.1936	15.0-17.3	100

1 EAR BAND C/W INSIDE RING



W1	All components in Chrome IV free galvanized carbon steel.
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Characteristics: Its compact design allows for easy and quick clamping also under difficult fitting conditions.

Material: W4.

Item code	Field Ø	Colour	Clamping field pipe ext. Ø	Tape width	
W4	mm		mm	mm	items
F.100.727.1936	7.5	white	8-9	7	100
F.100.728.1936	8	yellow	8.5-9.5		100
F.100.729.1936	8.5	green	9-10		100
F.100.730.1936	9	purple	9.5-10.5		100
F.100.731.1936	9.5	black	10-11		100
F.100.732.1936	10	white	10.5-11.5		100
F.100.733.1936	10.5	yellow	11-12		100
F.100.734.1936	11	green	11.5-12.5		100
F.100.735.1936	11.5	purple	12-13		100
F.100.736.1936	11.5	purple	12-13.5	8	100
F.100.737.1936	12	black	12.5-14		100
F.100.738.1936	13	yellow	13.5-15		100
F.100.739.1936	14	purple	14.5-16		100
F.100.740.1936	15	white	15.5-17		100
F.100.741.1936	16	green	16.5-18		100
F.100.742.1936	17	black	17.5-19		100
F.100.743.1936	18	yellow	18.5-20		100
F.100.744.1936	19	purple	19.5-21		100
F.100.745.1936	20	white	20.5-22		100
F.100.746.1936	21	green	21.5-23		100
F.100.747.1936	22	black	22.5-24		100
F.100.748.1936	23	yellow	23.5-25		100
F.100.749.1936	24	purple	24.5-26		100
F.100.750.1936	25	white	24.5-27		100
F.100.751.1936	26	green	26.5-28		100



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W4	All components in 1.4301/AISI 304 stainless steel.
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Characteristics: This type of collar clamp is particularly suitable for clamping of flexible suction and delivery hoses and for reinforced pipes. It guarantees coupling between the locking unit and the tape through a mechanical high flexibility and resistance bracket and eliminates the need of welding on the collar where they could represent possible rust risk. They are widely used in the production of special vehicles, agricultural machines, watercrafts, plants and industrial applications in general.

Material: W1, W2, W4.

On demand: larger diameters.



Tape width	Tape thickness			Bolt	Recommended clamping
	W1	W2	W3		
mm	mm	mm	mm		Nm
18	0.9	0.6	0.6	M6*	8
20	1	0.8	0.8	M7	10
25	1	1	1	M8	20
30	1.3	1	1	M10	25

M5 BOLT * from Ø 17-19 to Ø 23-25

W1	All components in Chrome IV free galvanized carbon steel.
W2	Tape and drawer in 1.4016/AISI 430 stainless steel. Chrome IV free galvanized steel screw.
W4	All components in 1.4301/AISI 304 stainless steel.

Measures list in the following page



Field Ø	Item code				Band width
mm	W1	W2	W4	items	mm
18 (17-19)	-	F.100.788.1936	F.100.824.1936	50	18
20 (19-21)	-	F.100.789.1936	F.100.825.1936	50	
22 (21-23)	-	F.100.790.1936	F.100.826.1936	50	
24 (23-25)	-	F.100.791.1936	F.100.827.1936	50	
26 (25-27)	-	F.100.792.1936	F.100.828.1936	50	
28 (27-29)	F.100.757.1936	F.100.793.1936	F.100.829.1936	50	
30 (29-31)	F.100.758.1936	F.100.794.1936	F.100.830.1936	50	
33 (31-34)	F.100.759.1936	F.100.795.1936	F.100.831.1936	50	
36 (34-37)	F.100.760.1936	F.100.796.1936	F.100.832.1936	50	
39 (37-40)	F.100.761.1936	F.100.797.1936	F.100.833.1936	50	
42 (40-43)	F.100.762.1936	F.100.798.1936	F.100.834.1936	50	
45 (43-47)	F.100.763.1936	F.100.799.1936	F.100.835.1936	50	20
49 (47-51)	F.100.764.1936	F.100.800.1936	F.100.836.1936	50	
53 (51-55)	F.100.765.1936	F.100.801.1936	F.100.837.1936	50	
57 (55-59)	F.100.766.1936	F.100.802.1936	F.100.838.1936	50	
61 (59-63)	F.100.767.1936	F.100.803.1936	F.100.839.1936	50	
66 (63-68)	F.100.768.1936	F.100.804.1936	F.100.840.1936	50	
71 (68-73)	F.100.769.1936	F.100.805.1936	F.100.841.1936	25	25
76 (73-79)	F.100.770.1936	F.100.806.1936	F.100.842.1936	25	
82 (79-85)	F.100.771.1936	F.100.807.1936	F.100.843.1936	25	
88 (85-91)	F.100.772.1936	F.100.808.1936	F.100.844.1936	25	
94 (91-97)	F.100.773.1936	F.100.809.1936	F.100.845.1936	25	
101 (97-104)	F.100.774.1936	F.100.810.1936	F.100.846.1936	25	
108 (104-112)	F.100.775.1936	F.100.811.1936	F.100.847.1936	25	
117 (112-121)	F.100.776.1936	F.100.812.1936	F.100.848.1936	25	
126 (121-130)	F.100.777.1936	F.100.813.1936	F.100.849.1936	25	30
135 (130-140)	F.100.778.1936	F.100.814.1936	F.100.850.1936	10	
145 (140-150)	F.100.779.1936	F.100.815.1936	F.100.851.1936	10	
156 (150-162)	F.100.780.1936	F.100.816.1936	F.100.852.1936	10	
168 (162-150)	F.100.781.1936	F.100.817.1936	F.100.853.1936	10	
181 (174-162)	F.100.782.1936	F.100.818.1936	F.100.854.1936	10	
194 (187-174)	F.100.783.1936	F.100.819.1936	F.100.855.1936	10	
207 (200-213)	F.100.784.1936	F.100.820.1936	F.100.856.1936	10	
220 (213-226)	-	F.100.821.1936	F.100.857.1936	10	
233 (226-239)	-	F.100.822.1936	F.100.858.1936	10	
246 (239-252)	-	F.100.823.1936	F.100.859.1936	10	

Characteristics: This type of collar is particularly suitable when heavy duty clamping action is required or where reinforced pipes are foreseen; the available wide range allows its application in several sectors and fields.

Material: W2, W4, W5.

On demand: larger diameters.



Field Ø	Item code					Band	BOLT	
	W2	W4	W5	W2	W4 e W5	mm		
17-19	F.100.860.1936	F.100.893.1936	F.100.926.1936	50	UPON CUSTOMER REQUEST	18	5MA	
20-22	F.100.861.1936	F.100.894.1936	F.100.927.1936	50				
23-25	F.100.862.1936	F.100.895.1936	F.100.928.1936	50				
26-28	F.100.863.1936	F.100.896.1936	F.100.929.1936	50		21	6MA	
29-31	F.100.864.1936	F.100.897.1936	F.100.930.1936	50				
32-35	F.100.865.1936	F.100.898.1936	F.100.931.1936	50				
36-39	F.100.866.1936	F.100.899.1936	F.100.932.1936	50				
40-43	F.100.867.1936	F.100.900.1936	F.100.933.1936	50				
44-47	F.100.868.1936	F.100.901.1936	F.100.934.1936	50				
48-51	F.100.869.1936	F.100.902.1936	F.100.935.1936	50				
52-55	F.100.870.1936	F.100.903.1936	F.100.936.1936	50				
56-59	F.100.871.1936	F.100.904.1936	F.100.937.1936	50				
60-63	F.100.872.1936	F.100.905.1936	F.100.938.1936	50				
64-67	F.100.873.1936	F.100.906.1936	F.100.939.1936	50				
68-73	F.100.874.1936	F.100.907.1936	F.100.940.1936	25		24	8MA	
74-79	F.100.875.1936	F.100.908.1936	F.100.941.1936	25				
80-85	F.100.876.1936	F.100.909.1936	F.100.942.1936	25				
86-91	F.100.877.1936	F.100.910.1936	F.100.943.1936	25				
92-97	F.100.878.1936	F.100.911.1936	F.100.944.1936	25				
98-103	F.100.879.1936	F.100.912.1936	F.100.945.1936	25				
104-112	F.100.880.1936	F.100.913.1936	F.100.946.1936	25				
113-121	F.100.881.1936	F.100.914.1936	F.100.947.1936	25				
122-130	F.100.882.1936	F.100.915.1936	F.100.948.1936	25		26	10MA (W2)	8MA (W4- W5)
131-139	F.100.883.1936	F.100.916.1936	F.100.949.1936	15				
140-148	F.100.884.1936	F.100.917.1936	F.100.950.1936	15				
149-161	F.100.885.1936	F.100.918.1936	F.100.951.1936	15				
162-174	F.100.886.1936	F.100.919.1936	F.100.952.1936	15				
175-187	F.100.887.1936	F.100.920.1936	F.100.953.1936	15				
188-200	F.100.888.1936	F.100.921.1936	F.100.954.1936	15				
201-213	F.100.889.1936	F.100.922.1936	F.100.955.1936	15				
214-226	F.100.890.1936	F.100.923.1936	F.100.956.1936	15				
227-239	F.100.891.1936	F.100.924.1936	F.100.957.1936	15				
240-252	F.100.892.1936	F.100.925.1936	F.100.958.1936	15				

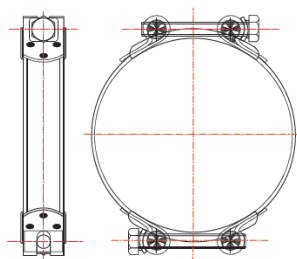
W2	Band and drawer made of 1.4016/AISI 430 stainless steel. Chrome VI free galvanized carbon steel screw.
W4	All components in 1.4301/AISI 304 stainless steel.
W5	All components in 1.4401/AISI 316 stainless steel.

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Characteristics: Double bolt collars are suitable for all applications that require perfect tightness to medium and high pressures. Application fields are normally agriculture, industry in general and construction. This collar band is made of AISI 430 stainless steel tape, bolts and locking cylinders in Chrome IV free galvanized steel.

Material: W2.

Item code	Field Ø	Tape width / thickness	Bolt
W2	mm	mm	
F.100.959.1936	74-79	26x1.5	M10
F.100.960.1936	80-85		
F.100.961.1936	86-91		
F.100.962.1936	92-97		
F.100.963.1936	98-103		
F.100.964.1936	104-112		
F.100.965.1936	113-121		
F.100.966.1936	122-130		
F.100.967.1936	131-139		
F.100.968.1936	140-148		
F.100.969.1936	149-191		
F.100.970.1936	162-174		
F.100.971.1936	175-187		
F.100.972.1936	188-200		
F.100.973.1936	200-220		
F.100.974.1936	220-240		
F.100.975.1936	240-260		
F.100.976.1936	260-280		
F.100.977.1936	280-300		
F.100.978.1936	300-325		
F.100.979.1936	325-350		
F.100.980.1936	350-375		
F.100.981.1936	375-400		
F.100.982.1936	400-425		
F.100.983.1936	425-450		
F.100.984.1936	450-475		
F.100.985.1936	475-500		



W2	Tape and drawer in 1.4016/AISI 430 stainless steel.
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Characteristics: This type of collar does not foresee a clamping field and it is selected to satisfy applications with a specific diameter to be clamped.

Material: W1.



W1	All components in Chrome IV free galvanized carbon steel.
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7 mm		9 mm		12 mm		15 mm	
Item code	Field Ø	Item code	Field Ø	Item code	Field Ø	Item code	Field Ø
W1	mm	W1	mm	W1	mm	W1	mm
F.100.986.1936	6	F.100.990.1936	9	F.101.007.1936	12	F.101.015.1936	20
F.100.987.1936	7	F.100.991.1936	10	F.101.008.1936	15	F.101.016.1936	22
F.100.988.1936	8	F.100.992.1936	11	F.101.009.1936	16	F.101.017.1936	25
F.100.989.1936	9	F.100.993.1936	12	F.101.010.1936	19	F.101.018.1936	26
-	-	F.100.994.1936	13	F.101.011.1936	20	F.101.019.1936	29
-	-	F.100.995.1936	14	F.101.012.1936	22	F.101.020.1936	30
-	-	F.100.996.1936	15	F.101.013.1936	28	F.101.021.1936	32
-	-	F.100.997.1936	16	F.101.014.1936	30	F.101.022.1936	35
-	-	F.100.998.1936	17	-	-	F.101.023.1936	36
-	-	F.100.999.1936	18	-	-	F.101.024.1936	38
-	-	F.101.000.1936	20	-	-	F.101.025.1936	42
-	-	F.101.001.1936	21	-	-	F.101.026.1936	45
-	-	F.101.002.1936	22	-	-	F.101.027.1936	46
-	-	F.101.003.1936	24	-	-	F.101.028.1936	47
-	-	F.101.004.1936	25	-	-	F.101.029.1936	48
-	-	F.101.005.1936	27	-	-	F.101.030.1936	50
-	-	F.101.006.1936	28	-	-	-	-

On demand versions



Collar suitable to clamp containers, alternators, cables, pipes etc.



Collar band with rubber profile ideal to damp vibrations and supply tightness in case of water leakage.



Characteristics: It is the ideal solution to clamp containers and heavy pipes since its tape welded bracket system allows it to resist to high level mechanical loads. These collars are available both with single or double screw locking. Tape width is 30 mm and it is coated with a rubber profile that absorbs any vibration of the clamped pipe or container.

Product code	F.101.031.1936
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Characteristics: Typical band complete with wall fitting bracket and anti-vibration rubber profile. Its use is recommended to secure pipes or containers to the wall in a simple, quick and safe way. It is only available for diameters greater than 130 mm. Tape width 30 mm. This solution is also available with bracket without rubber profile.

Product code	F.101.032.1936
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Characteristics: This band is equipped with a quick release closure that allows for the easy and quick collar fitting. It is only available in the W1 and W2 version.

Product code	F.101.033.1936
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Characteristics: They guarantee high level of tightness of combustion gas exhaust of light- and heavy-duty vehicles.

Material:W1.

Item code	Field Ø	Collar thickness	
W1	mm	mm	items
F.101.034.1936	27	1.5	10
F.101.035.1936	30		10
F.101.036.1936	33		10
F.101.037.1936	36	2	10
F.101.038.1936	39.5		10
F.101.039.1936	42		10
F.101.040.1936	43.5	2.5	10
F.101.041.1936	45		10
F.101.042.1936	46		10
F.101.043.1936	47		10
F.101.044.1936	48		10
F.101.045.1936	49		10
F.101.046.1936	49.5	2	10
F.101.047.1936	51		10
F.101.048.1936	52		10
F.101.049.1936	54		10
F.101.050.1936	54	2.5	10
F.101.051.1936	55		10
F.101.052.1936	56		10
F.101.053.1936	58		10
F.101.054.1936	59	2	10
F.101.055.1936	61	2.5	10
F.101.056.1936	64		10
F.101.057.1936	71	3	10
F.101.058.1936	74		10
F.101.059.1936	87		10
F.101.060.1936	94		10
F.101.061.1936	96		10
F.101.062.1936	107		10
F.101.063.1936	114		10
F.101.064.1936	120		10
F.101.065.1936	147		10



W1

All components in Chrome IV free galvanized carbon steel.

Characteristics: They are used for connecting waste and heavy gas pipes.

Material: W1.



M8		
Item code	Field Ø	
W1	mm	items
F.101.066.1936	28	10
F.101.067.1936	32	10
F.101.068.1936	35	10
F.101.069.1936	36	10
F.101.070.1936	38	10
F.101.071.1936	40	10
F.101.072.1936	42	10
F.101.073.1936	43	10
F.101.074.1936	45	10
F.101.075.1936	48	10
F.101.076.1936	50	10
F.101.077.1936	51	10
F.101.078.1936	52	10
F.101.079.1936	54	10
F.101.080.1936	57	10
F.101.081.1936	58	10
F.101.082.1936	59	10
F.101.083.1936	60	10
F.101.084.1936	65	10
F.101.085.1936	70	10
F.101.086.1936	73	10
F.101.087.1936	75	10
F.101.088.1936	83	10

M10		
Item code	Field Ø	
W1	mm	items
F.101.089.1936	36	10
F.101.090.1936	38	10
F.101.091.1936	40	10
F.101.092.1936	42	10
F.101.093.1936	45	10
F.101.094.1936	48	10
F.101.095.1936	50	10
F.101.096.1936	52	10
F.101.097.1936	54	10
F.101.098.1936	58	10
F.101.099.1936	60	10
F.101.100.1936	65	10
F.101.101.1936	70	10
F.101.102.1936	73	10
F.101.103.1936	75	10
F.101.104.1936	83	10
F.101.105.1936	90	10
F.101.106.1936	95	10
F.101.107.1936	100	10
F.101.108.1936	105	10
F.101.109.1936	110	10
F.101.110.1936	115	10
F.101.111.1936	120	10
F.101.112.1936	127	10

Ford M10 copper nut		
Item code	Field Ø	
W1	mm	items
F.101.113.1936	35	10
F.101.114.1936	38	10
F.101.115.1936	42	10
F.101.116.1936	43	10
F.101.117.1936	45	10
F.101.118.1936	48	10
F.101.119.1936	50	10
F.101.120.1936	51	10
F.101.121.1936	53	10
F.101.122.1936	55	10
F.101.123.1936	58	10
F.101.124.1936	60	10
F.101.125.1936	62	10
F.101.126.1936	64	10

W1	All components in Chrome IV free galvanized carbon steel.
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Characteristics: They guarantee high level of tightness of the exhaust gas drain pipes in light- and heavy duty vehicles. They are supplied without bolt and nut. Required bolt dimensions: : M8 for 20 and 25 mm tape; M10 for 30 mm tape.

Material:W1.

Item code	Field Ø	Thickness		Tape width
W1	mm	mm	items	mm
F.101.127.1936	30.2	2	100	20
F.101.128.1936	32.2		100	
F.101.129.1936	35.5		100	
F.101.130.1936	37.2		100	
F.101.131.1936	40.3	3	100	25
F.101.132.1936	42.3		100	
F.101.133.1936	45.5		100	
F.101.134.1936	48.5		100	
F.101.135.1936	50.5		100	
F.101.136.1936	53.5		100	
F.101.137.1936	55.5		100	
F.101.138.1936	58.5		100	
F.101.139.1936	60.5		100	
F.101.140.1936	63.5		100	
F.101.141.1936	65.5		100	
F.101.142.1936	68.5		100	
F.101.143.1936	70.5	4	100	30
F.101.144.1936	73.5		100	
F.101.145.1936	75.5		100	
F.101.146.1936	78.5		100	
F.101.147.1936	85.5		100	
F.101.148.1936	89.5		100	
F.101.149.1936	90.5		100	
F.101.150.1936	94.5		50	
F.101.151.1936	100.5		50	
F.101.152.1936	104.5		50	



W1	All components in Chrome IV free galvanized carbon steel.
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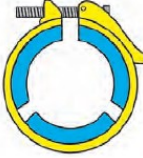


Characteristics: They are reliable and longlasting connection elements for industrial use. They are produced in compliance with the specific customer requirements and can be supplied with different types of profiles, tape width and closure. Herebelow 12 profiles of our range are shown. Internal diameter of the profile can be selected taking into consideration increments per millimeter. All profiles are available up to a max. diameter of 999 mm. For information on the minimum allowed diameter please refer to the sections of each single profile. Collars with profile are available with tape width from 20 to 25 mm. All subsequent sections concerning single profiles show tape width available for each profile type. For special applications please ask for information on available profile types.

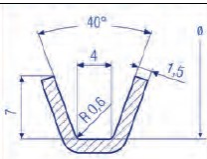
Material: W2, W4.

4.0 b $\geq \varnothing 100$			5.0 a $\geq \varnothing 100$			5.3 b $\geq \varnothing 110$			6.0 a $\geq \varnothing 125$		
	20 mm	25 mm		20 mm	25 mm		20 mm	25 mm		20 mm	25 mm
STC	•		STC	•		STC	•		STC	•	
QRC	•		QRC	•		QRC	•		QRC	•	
SVS	•		SVS	•		SVS	•		SVS	•	
6.5 a $\geq \varnothing 130$			6.6 b $\geq \varnothing 100$			7.9 b $\geq \varnothing 100$			9.2 a $\geq \varnothing 100$		
	20 mm	25 mm		20 mm	25 mm		20 mm	25 mm		20 mm	25 mm
STC		•	STC	•		STC	•		STC		•
QRC		•	QRC	•		QRC	•		QRC		•
SVS		•	SVS	•		SVS	•		SVS		•
9.2 b $\geq \varnothing 155$			10.2 a $\geq \varnothing 130$			11.4 b $\geq \varnothing 180$			14.5 a $\geq \varnothing 105$		
	20 mm	25 mm		20 mm	25 mm		20 mm	25 mm		20 mm	25 mm
STC		•	STC		•	STC		•	STC		•
QRC		•	QRC		•	QRC		•	QRC		•
SVS			SVS	•		SVS	•		SVS	•	

W2	Band and drawer in 1.4016/AISI 430 stainless steel. Chrome IV free galvanized steel screw.
W4	All components in 1.4301/AISI 304 stainless steel.

	STC	QRC	SVS
Three segment profiles single closure			

Type of profile	Profile min. $\varnothing$ mm	W2			W4		
		STC	QRC	SVS	STC	QRC	SVS
4.0 b	≥ 100	F.101.153.1936...	-	F.101.165.1936...	F.101.176.1936...	F.101.188.1936...	F.101.200.1936...
5.0 a	≥ 100	F.101.154.1936...	-	F.101.166.1936...	F.101.177.1936...	F.101.189.1936...	F.101.201.1936...
5.3 b	≥ 110	F.101.155.1936...	-	F.101.167.1936...	F.101.178.1936...	F.101.190.1936...	F.101.202.1936...
6.0 a	≥ 125	F.101.156.1936...	-	F.101.168.1936...	F.101.179.1936...	F.101.191.1936...	F.101.203.1936...
6.5 a	≥ 130	F.101.157.1936...	-	F.101.169.1936...	F.101.180.1936...	F.101.192.1936...	F.101.204.1936...
6.6 b	≥ 100	F.101.158.1936...	-	F.101.170.1936...	F.101.181.1936...	F.101.193.1936...	F.101.205.1936...
7.9 b	≥ 100	F.101.159.1936...	-	F.101.171.1936...	F.101.182.1936...	F.101.194.1936...	F.101.206.1936...
9.2 a	≥ 100	F.101.160.1936...	-	F.101.172.1936...	F.101.183.1936...	F.101.195.1936...	F.101.207.1936...
9.2 b	≥ 155	F.101.161.1936...	-	-	F.101.184.1936...	F.101.196.1936...	-
10.2 a	≥ 130	F.101.162.1936...	-	F.101.173.1936...	F.101.185.1936...	F.101.197.1936...	F.101.208.1936...
11.4 b	≥ 180	F.101.163.1936...	-	F.101.174.1936...	F.101.186.1936...	F.101.198.1936...	F.101.209.1936...
14.5 a	≥ 105	F.101.164.1936...	-	F.101.175.1936...	F.101.187.1936...	F.101.199.1936...	F.101.210.1936...

1. Select collar with profile by using the relevant table	2. Define the appropriate order code	3. Calculate the necessary diameter: flange external diameter + 3 mm	4. Add the calculated diameter to the order code
Example	Order code	Profile internal diameter	Complete order code
 Profile type: 4.0b Material: W4 Closure: QRC	F.101.188.1936...	For example: 100 mm + 3 mm = 103 mm	F.101.188.1936.103



Characteristics: Collars for waste pipes available from 38.0 mm to 7602 mm diameter. It is available with band width 85 mm.

It is not necessary to foreseen coaxial pipes and/or man interventions at pipes ends and therefore assembly and maintenance can be carried out without their longitudinal shifting.

TORCA COUPLER



Characteristics: Collar for drain plants; it allows very easy fittings with saving in time. It avoids possible damages to the pipe ends, rigid or flexible ones, and guarantees maximum level of tightness of the application.

TORCA TORCTITE



Characteristics: It is available from 50.0 mm diameter up to 89.0 mm diameter. Ideal on applications where pipe of great thickness are foreseen, for applications with reduced fitting space thanks to a single clamping point available. Particular attention has been given to weight reduction. It is considered an unique clamping system able to generate a high tensioning and clamping strength. The spacing block on the closure allows for the perfect 360° distribution of the clamping force, thus avoiding any deformation of pipe system and guaranteeing the tightness of the assembled draining components.

TORCA DURASEAL



Characteristics: Collar for drain pipes, available from diameter 44.5 mm up to diameter 152.4 mm. It is realized with materials that are highly corrosion resistant. Particular attention has been given to weight reduction. It is considered an unique clamping system able to generate an high tensioning and clamping strength. The spacing block on the closure allows for the perfect 360° distribution of the clamping force, thus avoiding any deformation of pipe system and guaranteeing the tightness of the assembled draining components.

TORCA ACCUSEAL

Characteristics: Wide tape pipe clamping collars, in combination with rubber sleeve are particularly suitable when connecting pipes with smooth ends. Cast iron or plastic or glass pipes can be connected without the need of welding.

Material: W2, W4.

Application: air suction plants, laboratory technology, waste water technology.



BRS model with bridge

BRSP model without bridge

Tape width mm	Available Ø mm		Vite	BRS	BRSP	Product code	
	da	a				W2	W4
48	50	270	M6	•	•	F.101.211.1936	F.101.216.1936
54	50	270	M8	•	•	F.101.212.1936	F.101.217.1936
65	50	270	M8	•	•	F.101.213.1936	F.101.218.1936
78	50	270	M8	•	•	F.101.214.1936	F.101.219.1936
100	50	200	M8	•	-	F.101.215.1936	-

W2	Band and drawer in 1.4016/AISI 430 stainless steel.
W4	All components in 1.4301/AISI 304 stainless steel.



Characteristics: NORMACONNECT® DSC is the most complete and successful range of joints for a reliable connection of industrial and civil wastewater pipes. They are ideal for a safe, quick and cost effective connection of civil drain pipes, for the construction industry, for deck drainage. They are also suitable for underground laying. Available with DN from 40 to 600 mm nominal diameter.



Joints for pressure rigid pipes

Our range of NORMACONNECT® pipe joints allows for perfect connections, without weld joints, of non flanged pipes in the industrial and civil plant design, in the shipbuilding, in the off-shore platforms, in the heavy-duty engines construction, in the chemical industry, in the drainage and irrigation plants, etc.



Joints for connection in series of rigid pipes of any material in absence of axial thrusts.



Anchoring joints in series of metal rigid pipes in presence of axial thrusts.



Anchoring joints for connection of metal pipes with plastic metal pipes.



Anchoring joints for connections of plastic material pipes.



Repair collar



(flame protected)
Joints resistant to axial thrusts with integrated flame protection.

Characteristics: The hose terminal clamps represent the ideal solution to fasten rigid pipes, cables, wirings, cableways, flexible hoses, etc.

Material: W1, W5.

Material profile: EPDM.

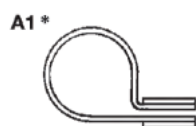
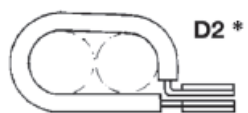
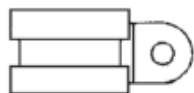
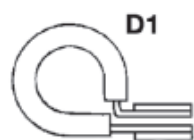
On demand: W4 and 25 mm tape.



Tape	Screw
mm	
12	M5
15	M6
20	M8
25	M10

Field Ø	Product code					W1		W5	
	W1			W5					
mm	12 mm	15 mm	20 mm	15 mm	20 mm	12-15 mm	20 mm	15 mm	20 mm
5	F.101.220.1936	F.101.250.1936	-	F.101.310.1936	-	100	-	100	-
6	F.101.221.1936	F.101.251.1936	-	F.101.311.1936	-	100	-	100	-
8	F.101.222.1936	F.101.252.1936	-	F.101.312.1936	-	100	-	100	-
10	F.101.223.1936	F.101.253.1936	-	F.101.313.1936	-	100	-	100	-
11	F.101.224.1936	F.101.254.1936	-	F.101.314.1936	-	100	-	100	-
12	F.101.225.1936	F.101.255.1936	-	F.101.315.1936	-	100	-	100	-
13	F.101.226.1936	F.101.256.1936	-	F.101.316.1936	-	100	-	100	-
14	F.101.227.1936	F.101.257.1936	-	F.101.317.1936	-	100	-	100	-
15	F.101.228.1936	F.101.258.1936	F.101.288.1936	F.101.318.1936	F.101.348.1936	100	50	100	50
16	F.101.229.1936	F.101.259.1936	F.101.289.1936	F.101.319.1936	F.101.349.1936	100	50	100	50
18	F.101.230.1936	F.101.260.1936	F.101.290.1936	F.101.320.1936	F.101.350.1936	100	50	100	50
20	F.101.231.1936	F.101.261.1936	F.101.291.1936	F.101.321.1936	F.101.351.1936	100	50	100	50
21	F.101.232.1936	F.101.262.1936	F.101.292.1936	F.101.322.1936	F.101.352.1936	100	50	100	50
22	F.101.233.1936	F.101.263.1936	F.101.293.1936	F.101.323.1936	F.101.353.1936	100	50	100	50
24	F.101.234.1936	F.101.264.1936	F.101.294.1936	F.101.324.1936	F.101.354.1936	100	50	100	50
25	F.101.235.1936	F.101.265.1936	F.101.295.1936	F.101.325.1936	F.101.355.1936	100	50	100	50
26	F.101.236.1936	F.101.266.1936	F.101.296.1936	F.101.326.1936	F.101.356.1936	100	50	100	50
28	F.101.237.1936	F.101.267.1936	F.101.297.1936	F.101.327.1936	F.101.357.1936	100	50	100	50
30	F.101.238.1936	F.101.268.1936	F.101.298.1936	F.101.328.1936	F.101.358.1936	100	50	100	50
31	-	F.101.269.1936	F.101.299.1936	F.101.329.1936	F.101.359.1936	100	50	100	50
32	-	F.101.270.1936	F.101.300.1936	F.101.330.1936	F.101.360.1936	100	50	100	50
35	-	F.101.271.1936	F.101.301.1936	F.101.331.1936	F.101.361.1936	100	50	100	50
36	-	F.101.272.1936	F.101.302.1936	F.101.332.1936	F.101.362.1936	100	50	100	50
37	-	F.101.273.1936	F.101.303.1936	F.101.333.1936	F.101.363.1936	100	50	100	50
38	-	F.101.274.1936	F.101.304.1936	F.101.334.1936	F.101.364.1936	100	50	100	50
40	-	F.101.275.1936	F.101.305.1936	F.101.335.1936	F.101.365.1936	100	50	100	50
45	-	F.101.276.1936	F.101.306.1936	F.101.336.1936	F.101.366.1936	100	50	100	50
50	-	F.101.277.1936	F.101.307.1936	F.101.337.1936	F.101.367.1936	100	50	100	50
55	-	-	F.101.308.1936	-	F.101.368.1936	-	50	-	50
60	-	-	F.101.309.1936	-	F.101.369.1936	-	50	-	50

W1	All components in Chrome IV free galvanized carbon steel.
W5	All components in 1.4401/AISI 316 stainless steel.



A2*



B1*

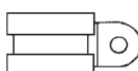


C1*

B2*



C2*



Band width	Ø available diameters		Screw
	from	to	
mm	mm	mm	
12	5	100	M6

Characteristics: With this type of brackets it is possible to easily and rapidly fasten pipes and cables to any kind of structure. They are suitable for any industrial application that requires a reliable and cost effective solution..

Material: W1.



W1

All components in Chrome IV free galva-

Fastening brackets type 1 for 1 pipe - DIN 72571



W1

All components in Chrome IV free galva-

Item code	Field Ø	Tape thickness	
W1	mm	mm	items
F.101.370.1936	4	1	100
F.101.371.1936	5	1	100
F.101.372.1936	6	1	100
F.101.373.1936	7	1	100
F.101.374.1936	8	1	100
F.101.375.1936	9	1	100
F.101.376.1936	10	1	100
F.101.377.1936	11	1.5	100
F.101.378.1936	12	1.5	100
F.101.379.1936	15	1.5	100
F.101.381.1936	16	1.5	100
F.101.382.1936	18	1.5	100
F.101.383.1936	20	1.5	100
F.101.384.1936	22	1.5	100
F.101.385.1936	24	1.5	100

Fastening brackets type 1 for 2 pipes - DIN 72571



W1

All components in Chrome IV free galva-

Item code	Field	Tape	
W1	mm	mm	items
F.101.386.1936	4	1	100
F.101.387.1936	5	1	100
F.101.388.1936	6	1	100
F.101.389.1936	8	1	100
F.101.390.1936	10	1	100
F.101.391.1936	12	1.5	100
F.101.392.1936	15	1.5	100

Fastening brackets type 2 for 1 pipe - DIN 72573



W1	All components in Chrome IV free galva-
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Item code	Field Ø	Tape thickness	
W1	mm	mm	items
F.101.393.1936	4	1	100
F.101.394.1936	5	1	100
F.101.395.1936	6	1	100
F.101.396.1936	8	1	100
F.101.397.1936	10	1	100
F.101.398.1936	12	1.5	100
F.101.399.1936	15	1.5	100
F.101.400.1936	18	1.5	100
F.101.401.1936	20	1.5	100
F.101.402.1936	22	1.5	100

Fastening brackets type 2 for 2 pipes - DIN 72573



W1	All components in Chrome IV free galva-
-----------	---

Item code	Field	Tape	
W1	mm	mm	items
F.101.403.1936	4	1	100
F.101.404.1936	5	1	100
F.101.405.1936	6	1	100
F.101.406.1936	7	1	100
F.101.407.1936	8	1	100
F.101.408.1936	10	1	100
F.101.409.1936	12	1.5	100
F.101.410.1936	15	1.5	100
F.101.411.1936	18	1.5	100
F.101.412.1936	20	1.5	100
F.101.413.1936	22	1.5	100

Fastening brackets type 2 for 3 pipes - DIN 72573



W1	All components in Chrome IV free galva-
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Item code	Field Ø	Tape thickness	
W1	mm	mm	items
F.101.414.1936	4	1	100
F.101.415.1936	5	1	100
F.101.416.1936	6	1	100
F.101.417.1936	7	1	100
F.101.418.1936	8	1	100
F.101.419.1936	10	1	100
F.101.420.1936	12	1.5	100
F.101.421.1936	15	1.5	100
F.101.422.1936	18	1.5	100
F.101.423.1936	20	1.5	100
F.101.424.1936	22	1.5	100

Fastening brackets type 2 for 4 pipes - DIN 72573



W1	All components in Chrome IV free galvanized carbon steel.
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Item code	Field	Tape	
W1	mm	mm	items
F.101.425.1936	4	1	100
F.101.426.1936	5	1	100
F.101.427.1936	6	1	100
F.101.428.1936	7	1	100
F.101.429.1936	8	1	100
F.101.430.1936	10	1	100
F.101.431.1936	12	1.5	100
F.101.432.1936	15	1.5	100
F.101.433.1936	18	1.5	100

Fastening brackets type 2 for 5 pipes - DIN 72573



W1	All components in Chrome IV free galvanized carbon steel.
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Item code	Field	Tape	
W1	mm	mm	items
F.101.434.1936	4	1	100
F.101.435.1936	5	1	100
F.101.436.1936	6	1	100
F.101.437.1936	7	1	100
F.101.438.1936	8	1	100
F.101.439.1936	10	1	100
F.101.447.1936	12	1.5	100

Fastening brackets type 2 for 6 pipes - DIN 72573



W1	All components in Chrome IV free galvanized carbon steel.
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Item code	Field	Tape	
W1	mm	mm	items
F.101.441.1936	4	1	100
F.101.442.1936	5	1	100
F.101.443.1936	6	1	100
F.101.444.1936	7	1	100
F.101.445.1936	8	1	100
F.101.446.1936	10	1	100

Fastening brackets type 3 for 1 pipe



W1	All components in Chrome IV free galva-
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Item code	Field Ø	Tape thickness	
W1	mm	mm	items
F.101.448.1936	8	2	100
F.101.449.1936	9	2	100
F.101.450.1936	10	2	100
F.101.451.1936	12	2	100
F.101.452.1936	13	2	100
F.101.453.1936	15	2	100
F.101.454.1936	18	2	100
F.101.455.1936	19	2	100
F.101.456.1936	20	2	100
F.101.457.1936	22	2	100
F.101.458.1936	23	2	100
F.101.459.1936	27	2	100

Fastening brackets type 4 for 1 pipe



W1	All components in Chrome IV free galva-
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Item code	Field Ø	Tape thickness	
W1	mm	mm	items
F.101.460.1936	7	2	100
F.101.461.1936	9	2	100
F.101.462.1936	10	2	100
F.101.463.1936	12	2	100
F.101.464.1936	13	2	100
F.101.465.1936	15	2	100
F.101.466.1936	18	2	100
F.101.467.1936	19	2	100
F.101.468.1936	20	2	100
F.101.469.1936	22	2	100
F.101.470.1936	23	2	100
F.101.471.1936	26	2	100

Fastening brackets type 5 for 2 pipe



W1

All components in Chrome IV free galva-

Item code	Field Ø	Tape thickness	
W1	mm	mm	items
F.101.472.1936	9	2	100
F.101.473.1936	10	2	100
F.101.474.1936	12	2	100
F.101.475.1936	13	2	100
F.101.476.1936	15	2	100
F.101.477.1936	18	2	100
F.101.478.1936	19	2	100
F.101.479.1936	20	2	100
F.101.480.1936	22	2	100

Fastening brackets type 6 for 1 pipe

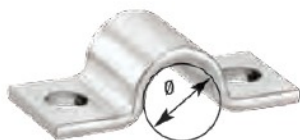


W1

All components in Chrome IV free galva-

Item code	Field Ø	Tape thickness	
W1	mm	mm	items
F.101.481.1936	10	3	100
F.101.482.1936	12	3	100
F.101.483.1936	13	3	100
F.101.484.1936	15	3	100
F.101.485.1936	18	3	100
F.101.486.1936	19	3	100
F.101.487.1936	20	3	100
F.101.488.1936	22	3	100
F.101.489.1936	23	3	100
F.101.490.1936	26	3	100
F.101.491.1936	28.5	3	100
F.101.492.1936	31	3	100
F.101.493.1936	36	3	100
F.101.494.1936	39	3	100
F.101.495.1936	43	3	100

Fastening brackets type 7 for 1 pipe



W1	All components in Chrome IV free galvanized carbon steel.
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Item code	Field Ø	Tape thickness	
W1	mm	mm	items
F.101.496.1936	10	3	100
F.101.497.1936	12	3	100
F.101.498.1936	13	3	100
F.101.499.1936	15	3	100
F.101.500.1936	18	3	100
F.101.501.1936	19	3	100
F.101.502.1936	20	3	100
F.101.503.1936	22	3	100
F.101.504.1936	23	3	100
F.101.505.1936	26	3	100
F.101.506.1936	28.5	3	100
F.101.507.1936	31	3	100
F.101.508.1936	36	3	100
F.101.509.1936	39	3	100
F.101.510.1936	43	3	100

Fastening brackets type 8 for 2 pipe



W1	All components in Chrome IV free galvanized carbon steel.
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Item code	Field Ø	Tape thickness	
W1	mm	mm	items
F.101.511.1936	10	3	100
F.101.512.1936	12	3	100
F.101.513.1936	13	3	100
F.101.514.1936	15	3	100
F.101.515.1936	18	3	100
F.101.516.1936	20	3	100
F.101.517.1936	22	3	100
F.101.518.1936	23	3	100
F.101.519.1936	26	3	100

Fastening brackets type 9 for 1 pipe - DIN 1596



W1

All components in Chrome IV free
galvanized carbon steel.

Item code	Field Ø	Tape thickness	
W1	mm	mm	items
F.101.520.1936	7	2	100
F.101.521.1936	9	2	100
F.101.522.1936	13	2	100
F.101.523.1936	15.5	2	100
F.101.524.1936	19	2	100
F.101.525.1936	23	3	100
F.101.526.1936	26	3	100
F.101.527.1936	28.5	3	100
F.101.528.1936	31	3	100
F.101.529.1936	33	3	100
F.101.530.1936	36	3	100
F.101.531.1936	39	3	100
F.101.532.1936	43	3	100
F.101.533.1936	46	3	100
F.101.534.1936	49	4	100
F.101.535.1936	52	4	100
F.101.536.1936	58	4	100
F.101.537.1936	61	4	100

Fastening brackets type 10 for 1 pipe - DIN 1597



W1

All components in Chrome IV free
galvanized carbon steel.

Item code	Field Ø	Tape thickness	
W1	mm	mm	items
F.101.538.1936	7	1.5	100
F.101.539.1936	9	1.5	100
F.101.540.1936	13	1.5	100
F.101.541.1936	15.5	1.5	100
F.101.542.1936	19	1.5	100
F.101.543.1936	23	2	100
F.101.544.1936	26	2	100
F.101.545.1936	28.5	2	100
F.101.546.1936	31	2	100
F.101.547.1936	33	2	100
F.101.548.1936	36	3	100
F.101.549.1936	39	3	100
F.101.550.1936	43	3	100
F.101.551.1936	46	3	100
F.101.552.1936	49	3	100
F.101.553.1936	52	3	100
F.101.554.1936	58	3	100
F.101.555.1936	61	3	100

KIT 1 - Tip-up carriage tape

Characteristics: Instant solution to clamp. Immediate possibility to obtain by yourselves the band that you need only by using the kit components. Ideal for servicing and maintenance, the product is supplied in an handy dispenser box containing a tape roll and relevant Tip-up carriage blocks. The tape is in stainless steel available in the 9 mm or 12 mm width. Carriages and tape cannot be used with STRIP STEEL.

Materials: W2 INOX 430.



PUNCHED TAPE			
Tape	Product code	Description	
mm			items
9 Available while stock lasts	F.101.556.1936	Kit 9 mm 3 m	3 m + 8 carr.
	F.101.557.1936	Kit 9 mm 5 m	5 m + 8 carr.
	F.101.558.1936	Kit 9 mm 25 m	25 m Roll
	F.101.559.1936	9 mm carriages	n° 50 carriages
PUNCHED TAPE			
Tape	Product code	Description	
mm			items
12	F.101.560.1936	Kit 12 mm 3 m	3 m + 6 carr.
	F.101.561.1936	Kit 12 mm 5 m	5 m + 6 carr.
	F.101.562.1936	Kit 12 mm 25 m	25 m Roll
	F.101.563.1936	12 mm carriages	n° 25 carr.

KIT 2 - Punched tape + fixed carriage

Materials: W2 INOX 430.



Tape	Product code	Description	
mm			items
8	F.101.564.1936	Kit 3 m 8 mm W2	3 m + 8 carriages
Tape	Product code	Description	
mm			items
14	F.101.565.1936	Kit 3 m 14 mm W2	3 m + 6 carriages

KIT 3 - Tip-up carriage tape

Characteristics: Instant solution to clamp. Immediate possibility to obtain by yourselves the band that you need only by using the kit components. Ideal for servicing and maintenance, the product is supplied in an handy dispenser box containing a tape roll and relevant Tip-up carriage blocks. The tape is in stainless steel available in the 9 mm width.

Materials: W2 INOX 430.



PUNCHED TAPE			
Tape	Product code	Description	
mm			items
9	F.101.566.1936	Kit 9 mm 3 m	3 m + 8 carr.
	F.101.567.1936	Kit 9 mm 5 m	5 m + 8 carr.
	F.101.568.1936	Kit 9 mm 25 m	25 m Roll
	F.101.569.1936	9 mm carriages	n° 50 carriages

W2	Tape and drawer in 1.4016/AISI 430 stainless steel.
-----------	---

STRIP STEEL - Punched tape + tip-up carriage

Characteristics: 30 m continuous tape in ferritic AISI 430EN 1.4016 stainless steel , 0,6 mm thickness and 9 mm width. This tape cannot be used with KIT 1.

Material: W2, W4.



Product code		Length	
W2	W4	m	items
F.101.570.1936	F.101.571.1936	30	10 rolls

UNIBLOCK

Characteristics: Galvanized steel device and Chrome IV free galvanized carbon steel screw to form bands of all diameters in a really fast way. Carriages cannot be used with KIT 1.

Material: W2, W4.



Product code		
W2	W4	items
F.101.572.1936	F.101.573.1936	25

AUTOBLOCK

Characteristics: Box containing 3 m tape and 8 traction hooks.

Material: W4.



Product code	Length	
W4	m	items
F.101.574.1936	3	20 rolls

W2	Tape and drawer in 1.4016/AISI 430 stainless steel
W4	All components in 1.4301/AISI 304 stainless steel.

Characteristics: Tapes and clips are used for fastening on big diameter pipes, reinforced pipes, pipe tensioning, fitting of electric lines and road signs, heavy-duty wiring systems and fitting for various components.

Material: AISI 201, AISI 316.



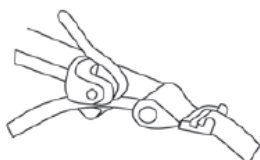
Description	Width		AISI 201		AISI 316	
	inches	mm	Product code		Product code	
Tape	1/4	6.3	F.101.575.1936	30 m	F.101.587.1936	30 m
	3/8	9.5	F.101.576.1936	30 m	F.101.588.1936	30 m
	1/2	12.7	F.101.577.1936	30 m	F.101.589.1936	30 m
	5/8	15.8	F.101.578.1936	30 m	F.101.590.1936	30 m
	3/4	19	F.101.579.1936	30 m	F.101.591.1936	30 m
Clips	1/4	6.3	F.101.580.1936	100 items	F.101.592.1936	100 items
	3/8	9.5	F.101.581.1936	100 items	F.101.593.1936	100 items
	1/2	12.7	F.101.582.1936	100 items	F.101.594.1936	100 items
	5/8	15.8	F.101.583.1936	100 items	F.101.595.1936	100 items
	3/4	19	F.101.584.1936	100 items	F.101.596.1936	100 items
Clips with grain	5/8	15.8	F.101.585.1936	100 items	-	-
	3/4	19	F.101.586.1936	100 items	-	-



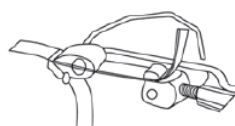
INSTRUCTIONS



Let the buckle slip on the tape; circle the pipe to be fastened and pass the tape end back in the buckle. Fold the tape end below the buckle (in case greater tightness is needed do two tape turns instead of one).



Insert the tape in the nose slot of the tool and let it slip through. With your thumb on the lever pull the tape by turning the tool handle. When the tape stops sliding through the buckle the maximum tension has been reached.



Rotate the tool above the buckle and turn then handle by 3/4 of a turn in counterclockwise. Bend the lever to cut the tape.



Remove the hand-tool by holding the tape edge with your thumb. Squeeze the buckle ears with a hammer.

Characteristics: Bands are made of PA 6.6 with rounded off edges for greater safety and tipped tail to ease up band insertion through band head. Bands comply with EN 50 146 Standard and with the following EC 2000/53/EC (ELV), 2002/95/EC (RoHS) and 2002/96/EC (WEEE) guidelines. In compliance with UL 94 class V2 Standard.

Material: natural PA natural or black 6/6.

Application: binding wiring cables, industrial and automotive wirings, special applications.

On demand: other colours.



Working temperature			
Operation	Fitting	Max peak	Melting
-40° +85 °C	-10° +60 °C	+110 °C	+256 °C

White (natural)			Black		
Product code	Dimension		Product code	Dimension	
	mm	items		mm	items
F.101.599.1936	2.2x75	100	F.101.626.1936	2.2x75	100
F.101.600.1936	2.5x98	100	F.101.627.1936	2.5x98	100
F.101.601.1936	2.5x136	100	F.101.628.1936	2.5x136	100
F.101.602.1936	2.5x160	100	F.101.629.1936	2.6x160	100
F.101.603.1936	2.6x200	100	F.101.630.1936	2.6x200	100
F.101.604.1936	3.5x140	100	F.101.631.1936	3.6x140	100
F.101.605.1936	3.5x200	100	F.101.632.1936	3.6x200	100
F.101.606.1936	3.5x290	100	F.101.633.1936	3.6x290	100
F.101.607.1936	3.5x370	100	F.101.634.1936	3.6x370	100
F.101.608.1936	4.5x160	100	F.101.635.1936	4.5x160	100
F.101.609.1936	4.8x178	100	F.101.636.1936	4.8x178	100
F.101.610.1936	4.8x200	100	F.101.637.1936	4.8x200	100
F.101.611.1936	4.8x250	100	F.101.638.1936	4.8x250	100
F.101.612.1936	4.5x290	100	F.101.639.1936	4.8x290	100
F.101.613.1936	4.5x360	100	F.101.640.1936	4.8x360	100
F.101.614.1936	4.5x430	100	F.101.641.1936	4.8x430	100
F.101.615.1936	7.8x180	100	F.101.642.1936	7.8x180	100
F.101.616.1936	7.8x240	100	F.101.643.1936	7.8x240	100
F.101.617.1936	7.8x300	100	F.101.644.1936	7.8x300	100
F.101.618.1936	7.5x365	100	F.101.645.1936	7.8x365	100
F.101.619.1936	7.5x450	100	F.101.646.1936	7.8x450	100
F.101.620.1936	7.5x540	100	F.101.647.1936	7.8x540	100
F.101.621.1936	7.5x750	100	F.101.648.1936	7.8x750	100
Green			Yellow		
Product code	Dimension		Product code	Dimension	
	mm	items		mm	items
F.101.622.1936	3.5x200	100	F.101.649.1936	3.5x200	100
F.101.623.1936	4.5x290	100	F.101.650.1936	4.5x290	100
Red			Blue		
Product code	Dimension		Product code	Dimension	
	mm	items		mm	items
F.101.624.1936	3.5x200	100	F.101.651.1936	3.5x200	100
F.101.625.1936	4.5x290	100	F.101.652.1936	4.6x290	100



Characteristics: Black color PA 12 band, flat head. Excellent resistance to atmospheric agents, particularly suitable in naval fields, good UV rays resistance, halogen absence. Bands are in compliance with EN 50 146 and EDF HN 33 S 62 Standards. In compliance with UL 94 class HB.

Material: high resistance PA 12. Black color.

Application: wiring cables , industrial and heavy-duty wirings bindings.

Tightness: 35 kg single head for 180x9 measure.

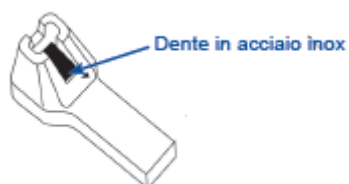
51 kg double head for 260 and 360x9 measures.



Working temperature			
Operation	Assembly	Max. Peak	Melting
-40° +85°C	-10° +60°C	+110°C	+256°C

Product code	Dimension	 items
	mm	
F.101.653.1936	9x180	100
F.101.654.1936	9x265	100
F.101.655.1936	9x360	100

Special products (On demand) - Nylon bands with metal tooth



Product code	B	L	Ø max	Resistance min
	mm	mm	mm	kg
F.101.656.1936	4.8	293	78	22.5
F.101.657.1936	4.8	360	102	22.5
F.101.658.1936	7.6	338	90	54.4
F.101.659.1936	7.6	762	229	54.4



Other products:



Characteristics: Self-locking stainless steel pipe fastening bands, not releasable, for quick lock of axle boots, gear-boxes, heaters pipes and special aeronautical applications and in environments with high corrosive concentration..

Material: W4.



Product code	Dimension	 items
	mm	
F.101.660.1936	4.6x201	100
F.101.661.1936	4.6x360	100
F.101.662.1936	4.6x520	100
F.101.663.1936	7.9x201	100
F.101.664.1936	7.9x360	100
F.101.665.1936	7.9x521	100

W4	All components in 1.4301/AISI 304 stainless steel.
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Plastic connections -Screw-on threaded end caps



Poliammide

Product code	Dimension	Thread	Wrench	
	mm			items
F.101.666.1936	R1 /8	R1 /8	10	100
F.101.667.1936	1/8 NPT	1/8 NPT	10	100
F.101.668.1936	M10X1	M10X1	10	100
F.101.669.1936	R1 /4	R1 /4	14	100
F.101.670.1936	1/4 NPT	1/4 NPT	14	100
F.101.671.1936	R1 /2	R1 /2	22	100
F.101.672.1936	R3/8	R3/8	17	100

Plastic connections - T-shape threaded tapered unions



Poliammide

Product code	Dimension	Thread	Wrench	
	mm			items
F.101.673.1936	4 M8X1	M8X1	10	100
F.101.674.1936	4 M10X1	M10X1	10	100
F.101.675.1936	4 M12X1.5	M12X1.5	14	100
F.101.676.1936	4 M14X1.5	M14X1.5	14	100
F.101.677.1936	4 R1/8	R1/8	10	100
F.101.678.1936	4 R1/4	R1/4	14	100
F.101.679.1936	4 1/8 NPT	1/8	10	100
F.101.680.1936	4 1/4 NPT	1/4	14	100
F.101.681.1936	6 M10X1	M10X1	10	100
F.101.682.1936	6 M12X1.5	M12X1.5	14	100
F.101.683.1936	6 R1/8	R1/8	10	100
F.101.684.1936	6 R1/4	R1/4	14	100
F.101.685.1936	6 1/8 NPT	1/8	10	100
F.101.686.1936	6 1/4 NPT	1/4	14	100
F.101.687.1936	8 M12X1.5	M12X1.5	14	100
F.101.688.1936	8 M14X1.5	M14X1.5	14	100
F.101.689.1936	8 R1/4	R1/4	14	100
F.101.690.1936	8 1/4 NPT	1/4	14	100
F.101.691.1936	10 R3/8	R3/8	17	100

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Poliammide

Product code	Dimension	Ø	Thread	Wrench	 items
	mm	mm			
F.101.692.1936	3 M5	3	M5	6	100
F.101.693.1936	4 M8X1	4	M8X1	10	100
F.101.694.1936	4 M8X1.25	4	M8X1.125	10	100
F.101.695.1936	4 M10X1	4	M10X1	10	100
F.101.696.1936	4 M12X1.5	4	M12X1.5	14	100
F.101.697.1936	4 M14X1.5	4	M14X1.5	14	100
F.101.698.1936	4 R1/8	4	R1/8	10	100
F.101.699.1936	4 R1/4	4	R1/4	14	100
F.101.700.1936	4 1/8 NPT	4	1/8	10	100
F.101.701.1936	4 1/4 NPT	4	1/4	14	100
F.101.702.1936	5 M12X1.5	5	M12X1.5	14	100
F.101.703.1936	5 M14X1.5	5	M14X1.5	14	100
F.101.704.1936	5 R1/4	5	R1/4	14	100
F.101.705.1936	5 1/4 NPT	5	1/4	14	100
F.101.706.1936	6 M10X1	6	M10X1	10	100
F.101.707.1936	6 M12X1.5	6	M12X1.5	14	100
F.101.708.1936	6 M14X1.5	6	M14X1.5	14	100
F.101.709.1936	6 R1/8	6	R1/8	10	100
F.101.710.1936	6 R1/4	6	R1/4	14	100
F.101.711.1936	6 R3/8	6	R3/8	17	100
F.101.712.1936	6 1/8 NPT	6	1/8	10	100
F.101.713.1936	6 1/4 NPT	6	1/4	14	100
F.101.714.1936	8 M10X1	8	M10X1	14	100
F.101.715.1936	8 M12X1.5	8	M12X1.5	14	100
F.101.716.1936	8 M14X1.5	8	M14X1.5	14	100
F.101.717.1936	8 M18X1.5	8	M18X1.5	22	100
F.101.718.1936	8 M22X1.5	8	M22X1.5	22	100
F.101.719.1936	8 R1/8	8	R1/8	14	100
F.101.720.1936	8 R1/4	8	R1/4	14	100
F.101.721.1936	8 R3/8	8	R3/8	17	100
F.101.722.1936	8 R1/2	8	R1/2	22	100
F.101.723.1936	8 1/4 NPT	8	1/4	14	100
F.101.724.1936	10 M12X1.5	10	M12X1.5	14	100
F.101.725.1936	10 M14X1.5	10	M14X1.5	14	100
F.101.726.1936	10 M16X1.5	10	M16X1.5	17	100
F.101.727.1936	10 R1/4	10	R1/4	14	100
F.101.728.1936	10 R3/8	10	R3/8	17	100
F.101.729.1936	10 1/4 NPT	10	1/4	14	100
F.101.730.1936	10 3/8 NPT	10	3/8	17	100
F.101.731.1936	12 M16X1.5	12	M16X1.5	17	100
F.101.732.1936	12 M18X1.5	12	M18X1.5	22	100
F.101.733.1936	12 M22X1.5	12	M22X1.5	22	100
F.101.734.1936	12 R3/8	12	R3/8	17	100
F.101.735.1936	12 R1/2	12	R1/2	22	100
F.101.736.1936	12 3/8 NPT	12	3/8	17	100
F.101.737.1936	14 M20X1.5	14	M20X1.5	22	100
F.101.738.1936	14 M22X1.5	14	M22X1.5	22	100
F.101.739.1936	14 R3/8	14	R3/8	17	100
F.101.740.1936	14 R1/2	14	R1/2	22	100
F.101.741.1936	14 1/2 NPT	14	1/2	22	100
F.101.742.1936	16 M26X1.5	16	M26X1.5	27	100
F.101.743.1936	16 R1/2	16	R1/2	22	50
F.101.744.1936	16 R3/4	16	R3/4	27	50
F.101.745.1936	19 M26X1.5	19	M26X1.5	27	50
F.101.746.1936	19 R3/4	19	R3/4	27	50
F.101.747.1936	25 R1	25	R1	32	50

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Poliammide

Product code	Dimension	Ø	Thread	Wrench	
	mm	mm			items
F.101.748.1936	3 M5	3	M5	6	100
F.101.749.1936	4 M8X1	4	M8X1	10	100
F.101.750.1936	4 M10X1	4	M10X1	10	100
F.101.751.1936	4 R1/8	4	R1/8	10	100
F.101.752.1936	4 R1/4	4	R1/4	14	100
F.101.753.1936	4 1/8 NPT	4	1/8	10	100
F.101.754.1936	4 1/4 NPT	4	1/4	14	100
F.101.755.1936	6 M10X1	6	M10X1	10	100
F.101.756.1936	6 M12X1.5	6	M12X1.5	14	100
F.101.757.1936	6 R1/8	6	R1/8	10	100
F.101.758.1936	6 R1/4	6	R1/4	14	100
F.101.759.1936	6 R3/8	6	R3/8	17	100
F.101.760.1936	6 1/8	6	1/8	10	100
F.101.761.1936	6 1/4 NPT	6	1/4	14	100
F.101.762.1936	8 M10X1	8	M10X1	14	100
F.101.763.1936	8 M12X1.5	8	M12X1.5	14	100
F.101.764.1936	8 M18X1.5	8	M18X1.5	19	100
F.101.765.1936	8 M22X1.5	8	M22X1.5	22	100
F.101.766.1936	8 R1/8	8	R1/8	14	100
F.101.767.1936	8 R1/4	8	R1/4	14	100
F.101.768.1936	8 R3/8	8	R3/8	17	100
F.101.769.1936	8 R1/2	8	R1/2	22	100
F.101.770.1936	8 1/4 NPT	8	1/4	14	100
F.101.771.1936	10 R1/4	10	R1/4	14	100
F.101.772.1936	10 M14X1.5	10	M14X1.5	14	100
F.101.773.1936	10 R3/8	10	R3/8	17	100
F.101.774.1936	10 1/2 NPT	10	1/2	22	100
F.101.775.1936	12 M16X1.5	12	M16X1.5	17	100
F.101.776.1936	12 M18X1.5	12	M18X1.5	19	100
F.101.777.1936	12 R3/8	12	R3/8	17	100
F.101.778.1936	12 R1/2	12	R1/2	22	100
F.101.779.1936	12 3/8 NPT	12	3/8	19	100
F.101.780.1936	19 R3/4	19	R3/4	27	100
F.101.781.1936	25 R1"	25	R1	32	100

Straight push-on connections with reduction



POM
(Polioossimetilene
resina acetlica bianca)

Product code	Dimension	Inside Ø	
	mm	mm	items
F.101.782.1936	4-3	2.5	100
F.101.783.1936	6-4	2.7	100
F.101.784.1936	8-4	2.7	100
F.101.785.1936	8-6	4	100
F.101.786.1936	10-6	4	100
F.101.787.1936	10-8	5.6	100
F.101.788.1936	12-8	5.6	100
F.101.789.1936	12-10	7	100

Plastic connections - T - type push-on connections



POM
(Polioossimetilene
resina acetlica bianca)

Product code	Dimension	Inside Ø	
	mm	mm	items
F.101.790.1936	3	2.5	100
F.101.791.1936	4	2.7	100
F.101.792.1936	5	3	100
F.101.793.1936	6	4	100
F.101.794.1936	7	5	100
F.101.795.1936	8	5.36	100
F.101.796.1936	10	7	100
F.101.797.1936	12	8.6	100
F.101.798.1936	13	8.6	100
F.101.799.1936	14	10	50
F.101.800.1936	15	11	50
F.101.801.1936	16	12	50
F.101.802.1936	19	15	25
F.101.803.1936	25	21	25

Plastic connections - Cross-shaped push-on connections



POM
(Polioossimetilene
resina acetlica bianca)

Product code	Dimension	Inside Ø	
	mm	mm	items
F.101.804.1936	4	2.9	100
F.101.805.1936	5	3	100
F.101.806.1936	6	4	100
F.101.807.1936	12	8.6	50

Plastic connections - T - shaped push-on connections with reduction



POM
(Poliossimetilene
resina acetilica bianca)

Product code	Dimension	Inside Ø base	Inside Ø Reduction	
	mm	mm	mm	items
F.101.808.1936	3-4-3	2.5	2.5	100
F.101.809.1936	4-6-4	2.7	4	100
F.101.810.1936	6-4-6	4	2.5	100
F.101.811.1936	8-4-8	5.6	2.5	100
F.101.812.1936	8-6-8	5.6	4	100
F.101.813.1936	10-6-10	7	4	100
F.101.814.1936	10-8-10	7	5.6	100
F.101.815.1936	10-13-10	7	8.6	100
F.101.816.1936	12-6-12	8.6	4	100
F.101.817.1936	12-8-12	8.6	5.6	100
F.101.818.1936	12-10-12	8.6	7	100
F.101.819.1936	15-6-15	11	4	100
F.101.820.1936	15-8-15	11	5.6	100
F.101.821.1936	8-12-8	5.6	8.6	100
F.101.822.1936	18-10-18	14	7	100
F.101.823.1936	18-15-18	14	11	100

Plastic connections - Y - shaped push-on connections with reduction



POM
(Poliossimetilene
resina acetilica bianca)

Product code	Dimension	Inside Ø Base	Inside Ø Reduction	
	mm	mm	mm	items
F.101.824.1936	4-6-4	4	2.7	100
F.101.825.1936	6-8-6	5.6	4	100

Plastic connections—Elbow push-on connections



POM
(Poliossimetilene
resina acetilica bianca)

Product code	Dimension	Inside Ø	
	mm	mm	items
F.101.826.1936	3	2.5	100
F.101.827.1936	4	2.5	100
F.101.828.1936	5	3	100
F.101.829.1936	6	4	100
F.101.830.1936	8	5.6	100
F.101.831.1936	10	7	100
F.101.832.1936	12	8.6	100
F.101.833.1936	13	8.6	100
F.101.834.1936	14	10	100
F.101.835.1936	15	11	100
F.101.836.1936	16	12	100
F.101.837.1936	19	15	100
F.101.838.1936	25	21	100

Plastic connections– Y-shaped push-on connections



POM
(Poliossimetilene
resina acetica bianca)

Product code	Dimension	Inside Ø	
	mm	mm	items
F.101.839.1936	3	2.5	100
F.101.840.1936	4	2.5	100
F.101.841.1936	5	3	100
F.101.842.1936	6	4	100
F.101.843.1936	8	5.6	100
F.101.844.1936	10	7	100
F.101.845.1936	12	8.6	50
F.101.846.1936	13	9	50
F.101.847.1936	14	10	50
F.101.848.1936	16	12	50
F.101.849.1936	19	15	25

Plastic connections– Straight push-on connections



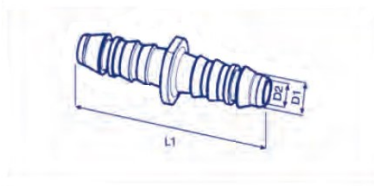
POM
(Poliossimetilene
resina acetica bianca)

Product code	Dimension	Inside Ø	
	mm	mm	items
F.101.850.1936	3	2.5	100
F.101.851.1936	4	2.7	100
F.101.852.1936	5	3	100
F.101.853.1936	6	4	100
F.101.854.1936	8	5.6	100
F.101.855.1936	10	7	100
F.101.856.1936	12	8.6	100
F.101.857.1936	13	8.6	100
F.101.858.1936	14	10	100
F.101.859.1936	16	12	100
F.101.860.1936	19	16	50
F.101.861.1936	25	21	25

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Straight reinforced push-on connections.

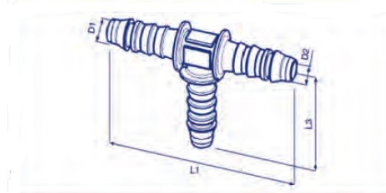
30% glass fibre reinforced polyamide



Poliammide rinforzato
con fibre di vetro 30%

T-shaped reinforced push-on connections.

30% glass fibre reinforced polyamide



Poliammide rinforzato
con fibre di vetro 30%

Quick-release connections

Characteristics: Quick-release connections are the ideal solution for the safe connections of flexible hoses in heating , cooling water plants and motor super-charging.



Characteristics: Made up of plastic material suitable to be matched with the selected quick-release connections and/or fastening bands in order to obtain perfectly integrated systems. According to the type of chosen material or to the layers composition, pipelines systems for fluids show to be suitable to transport a wide range of various fluids such as water, oil or fuels. All fluid pipeline systems are exclusively developed according to customer requirements.



Smooth hose



Corrugated hose

Fastening Torque

Fastening torque is to be understood as the suggested torque to be applied to fasten worm-screw-type fastening bands.

The fastening torque is extensively defined by DIN 3017 Standards and may be measured using a torque wrench.

When evaluating a worm-screw type fastening band, beside its design, another very important factor to be taken into consideration is: band resistance to tensile force.

This value can be assessed only by using special laboratory measuring devices.

Other measuring methods, for instance tensile force and/or burst pressure, can only be taken into consideration as additional and comparative methods.

Since band resistance to tension (fastening force) is not correlated to the clamping torque, band design must aim to reduce as much as possible the fastening force distribution to a specific torque value. This in order to obtain an uniform distribution of the clamping force and an uniform tightness of the pipe/sleeve system. Tests are carried out on band tension that can prove how the applied fastening torque results in a specific band tension value. The results of various tests show that effectiveness of a fastening band can be defined by evaluating its fastening force at a specific rated torque.

If band tension at a specific rated torque increases, as a consequence also the strength of the pipe fastening band will increase.

Breaking Torque

Breaking torque defines the clamping torque whereas if it is applied it will determine band breaking. As for the testing torque, this parameter may be taken as indicator of a band strength. We are taking into consideration applications where it is necessary to fit and remove the band without using a torque wrench (for example Maintenance of a transport vehicle while on duty). Suitable equipment is not always available. In this case it is of paramount importance that a band can resist fastening torques applied just by using a normal screwdriver and checked by "intuition".

If the value defining the breaking torque is high, then it means that the band can be considered as a sturdy one.

Idle Fastening Torque

The idle fastening torque defines the strength necessary to make the screw turn without generating any fastening torque.

If the value defining the idle fastening torque is low, it means that it will be easier to fit a screw-type band.

Testing Torque

The testing torque, corresponding in average to a value by approx. 30% higher than the fastening torque, defines the torque value that may be applied without causing permanent band damages.

If the value that defines the testing torque is high, then the band can be considered as very strong.

How the right band or collar can be assessed

- Take the clamping diameter into consideration to make sure that the selected band is suitable to fasten the flexible hose.
- Ensure you have selected the right band width complying with the system parameters.
- Choose the suitable material, as far as resistance to corrosion is concerned.
- Take the temperatures applied to the system into consideration.
- Consider the mechanical load applied to the system.

For any request and additional technical information please do not hesitate to get in contact with us.



www.mar-gom.it



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