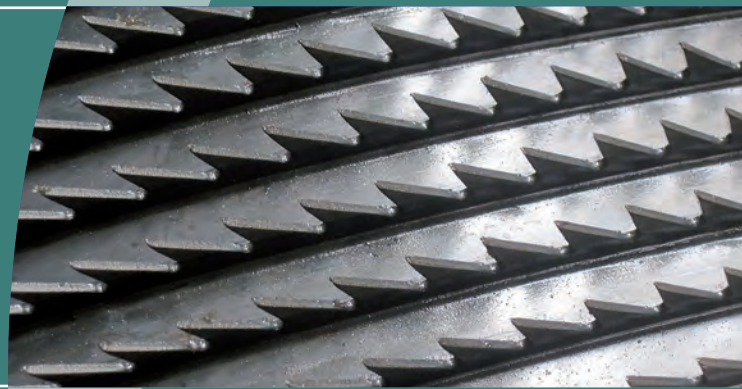




METALLIC CARD CLOTHING



METALLIC CARD CLOTHING

The application of metallic card clothing onto spinning carding machines has **no limits** and is used in the production of low, medium and high quality yarns:

**woollen
worsted
semi-worsted
non-woven
cotton.**

Since there are numerous solutions available for every spinning process, we always ask our customers for the following information in order to accurately determine the type of card clothing to use:

- material to be processed;
- microns;
- fibers type and staple length in mm;
- deniers.

For cotton carding it is also necessary to know:

- production in kilos per hour;
 - cylinder/doffer speed;
- and the technical data concerning the machinery:
- working width;
 - rollers diameter.

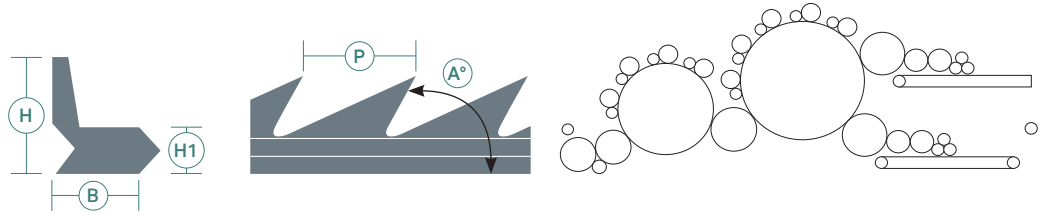
Once supplied with this information we can suggest the **best combination of metallic wire for any type of fiber to be processed**, thanks to the research and experience we have acquired in carding over the years.

Interlocking wire

Interlocking wire can be used successfully for various types of processing which require **particular force in opening and breaking up the fibers**, which usually occurs in the avantrain of the woollen carding machines and in Garnett machines.

Interlocking metallic wire is the best solution in these cases and thanks to its "V" form it guarantees **higher resistance** without causing breakage or damage to the machine itself during processing. A selection of interlocking metallic wire can be found in this page.

interlocking wire selection



ST H1 2.2 MM

TABLE'S LEGEND

- B** base
- H** height
- P** pitch
- A°** angle
- PPSI** points/square inch
- FR** feed rollers
- L** lickerin
- T** transfer
- C** cylinder
- W** workers
- S** stripper
- D** doffer

TYPE	B	H	P	A°	PPSI	FR	L	T	C	W	S	D
V 6	4.20	7.5	8.5	60°	18	•	•	•	•	•	•	•
V 6	4.20	6.0	8.5	65°	18	•	•	•	•	•	•	•
V 8	3.18	7.5	7.5	55°	27	•	•			•		•
V 8	3.18	6.0	6.5	60°	31	•	•	•	•		•	
V 8	3.18	6.0	5.5	70°	36	•	•		•		•	
V 10	2.50	6.0	7.0	70°	36	•	•		•		•	
V 10	2.50	5.2	5.0	55°	50			•		•		•
V 10	2.50	5.5	5.0	60°	50	•	•	•	•		•	
V 10	2.50	6.0	6.5	80°	39				•		•	
V 12	2.10	5.0	5.0	65°	60	•	•	•	•		•	
V 12	2.10	5.0	5.0	75°	60				•		•	
V 14	1.80	5.0	4.2	70°	84				•		•	
V 14	1.80	6.5HL	5.0	50°	70					•		•
V 16	1.60	5.0	5.0	55°	80					•		•
V 16	1.60	5.0	4.5	85°	90				•		•	
V 18	1.40	6.0HL	4.0	50°	113					•		•
V 20	1.30	5.0	5.0	60°	102			•	•		•	
V 20	1.30	5.0	3.6	75°	141				•		•	

LW H1 1.5 MM

TYPE	B	H	P	A°	PPSI	FR	L	T	C	W	S	D
V 8	3.18	5.0	8.5	65°	24	•	•	•	•	•	•	
V 12	2.10	4.5	5.0	70°	61				•		•	
V 16	1.60	4.5	4.2	75°	96				•		•	
V 16	1.60	4.5	3.6	60°	113			•	•		•	
V 20	1.30	5.5HL	4.0	50°	127					•		•
V 20	1.30	4.0	3.0	70°	170				•		•	
V 24	1.05	4.5	4.2	65°	145			•	•		•	
V 24	1.05	4.0	2.5	70°	244			•	•			
V 24	1.05	5.5HL	4.0	50°	152					•		•
V 28	0.90	3.5	3.2	80°	224				•			
V 28	0.90	4.5	2.8	55°	254					•		•



advantages

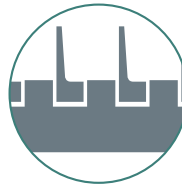
Its "V" shape ensures that the wire remains wound onto its roller without breaking or damaging the adjacent rollers.

Mounting of the interlocking wire is extremely simple and is carried out in the same way as with ordinary M.C.C. A guide that fits into the "V" form applies pressure during mounting and ensures perfect results.

If roller grooves are present, interlocking wire can be mounted by fixing it with edge wire.



INTERLOCKING WIRE



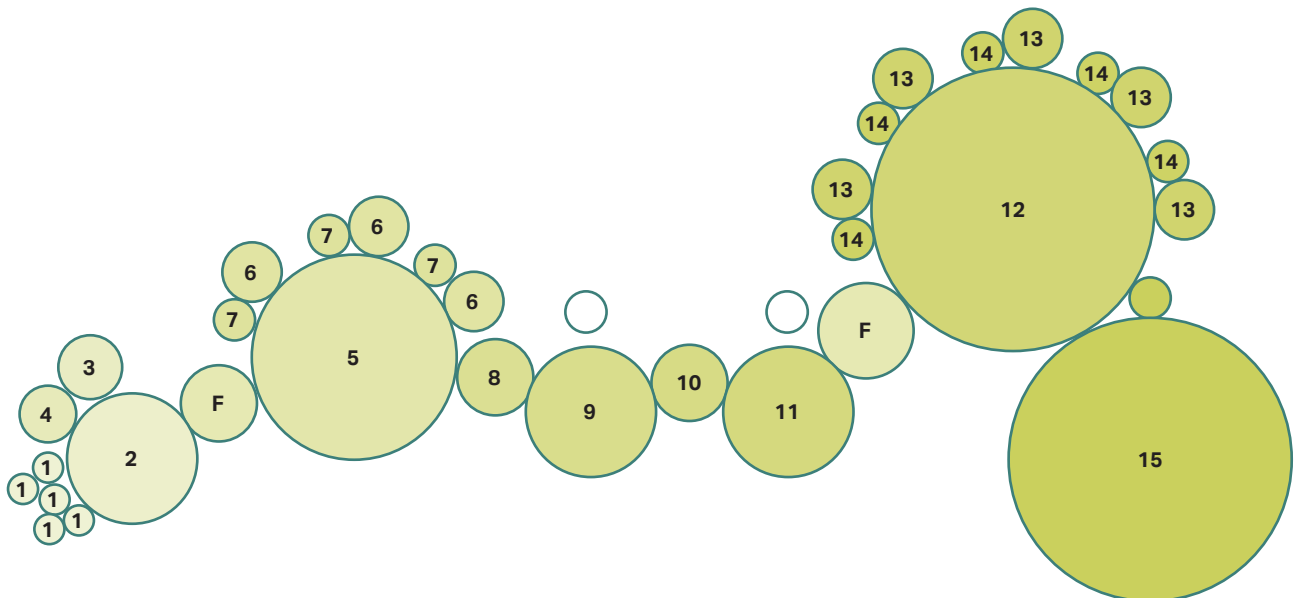
GROOVED WIRE



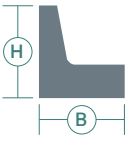
METALLIC SURFACE WIRE

Metallic wire for worsted

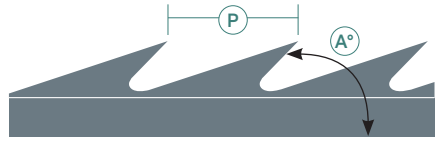
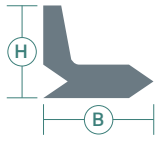
	ELEMENT	TYPE	B	H	P	A°	PPSI
1	FEED ROLLERS	V 6	4.2	6.0	8.5	70°	18
2	LICKERIN	L 43	4.0		6.0		19
		L 43	4.0		8.6		27
		L 43 VAR	4.0	3.0	VAR	50°	23
		L 33	3.0		6.0		25
		L 33	3.0		8.6		36
		L 33 VAR	3.0		VAR		31
3	LICKERIN WORKER	V 10 L 6	2.5	5.0	4.2	50°	62
4	LICKERIN STRIPPER	V 8	3.15	5.5	6.5	50°	31
		L 6	2.15	5.0	8.5	50°	31
		BLACK BRUSH	-	-	-	-	-
5	FIRST CYLINDER	V 10 L 33	2.5 3.0	5.0 3.0	VAR	50°	35
6	FIRST WORKER	V 10 L 6	2.5	5.0	4.2	50°	62
7	FIRST STRIPPER	V 10 L 6	2.5	5.0	4.2	50°	62
8	1ST MOREL BRUSH	TAMPICO	-	-	-	-	-
9	1ST MOREL	M 1.0 / 3.8	1.0		3.8		169
		M 1.0 / 5.5	1.0	3.6	5.5	50°	117
		M 1.0 VAR	1.0		VAR		143
10	2ND MOREL BRUSH	TAMPICO	-	-	-	-	-
11	2ND MOREL	M 0.8 / 3.8	0.8		3.8		212
		M 0.8 / 5.5	0.8	3.6	5.5	50°	146
		M 0.8 VAR	0.8		VAR		179
12	MAIN CYLINDER	501			3.2	80°	224
		504	0.9	3.2	3.2	70°	224
		CYL 400			1.8	70°	398
13	WORKER	L 9	1.0	5.0	3.0	60°	211
14	STRIPPER	V 16	1.6	4.0	4.0	90°	102
15	DOFFER	L 10	1.0	5.0	3.1	50°	219
		PPS 0.8	0.8	4.0	2.5	55°	325
		PPS 0.9	0.9	4.0	2.5	55°	298
F	TRANSFER	FLEXIBLE WIRE	-	-	-	-	-



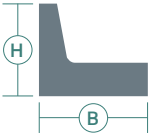
S type



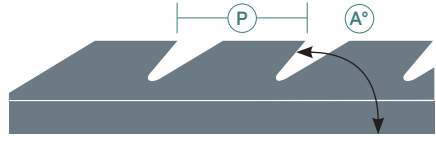
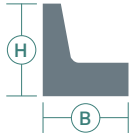
V type



L type



M type



variable random pitch



Flexible wire for transfer



Nr. 20 / 24 BIC - Nr. 21 / 25 BIC - Nr. 23 / 27 BIC

Foundation RUBBER FELT 4.00 mm
7 - 9 PLY

Flexible wire for workers and strippers



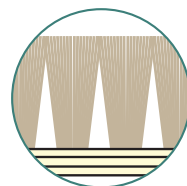
Foundation VULC rubber 1.0 mm
5 - 7 PLY

Black brush



35 mm wide
22.5 mm high

Tampico



45 mm wide
31 mm high

BIOTTI Card Clothing was founded back in 1879 and over the years has gradually become the most up-to-date and efficient manufacturer of flexible card clothing, metallic wire and raising fillets in Italy. The Company's success is due to the **constantly high quality** of its product which is made possible by using the **finest raw materials** combined with the **efficiency** and **modernity** of its production facilities and the professionalism of its employees, as well as the rigorous control of its finished product.

Once recognized as a leader in its field in Italy, the Company decided to expand into foreign markets and its products are now sold in all continents, in over **60 countries** around the world.

Today, thanks also to effective management, **BIOTTI Card Clothing** has been able to consolidate this success which allows it to confidently look to a future of continuing growth and development.

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