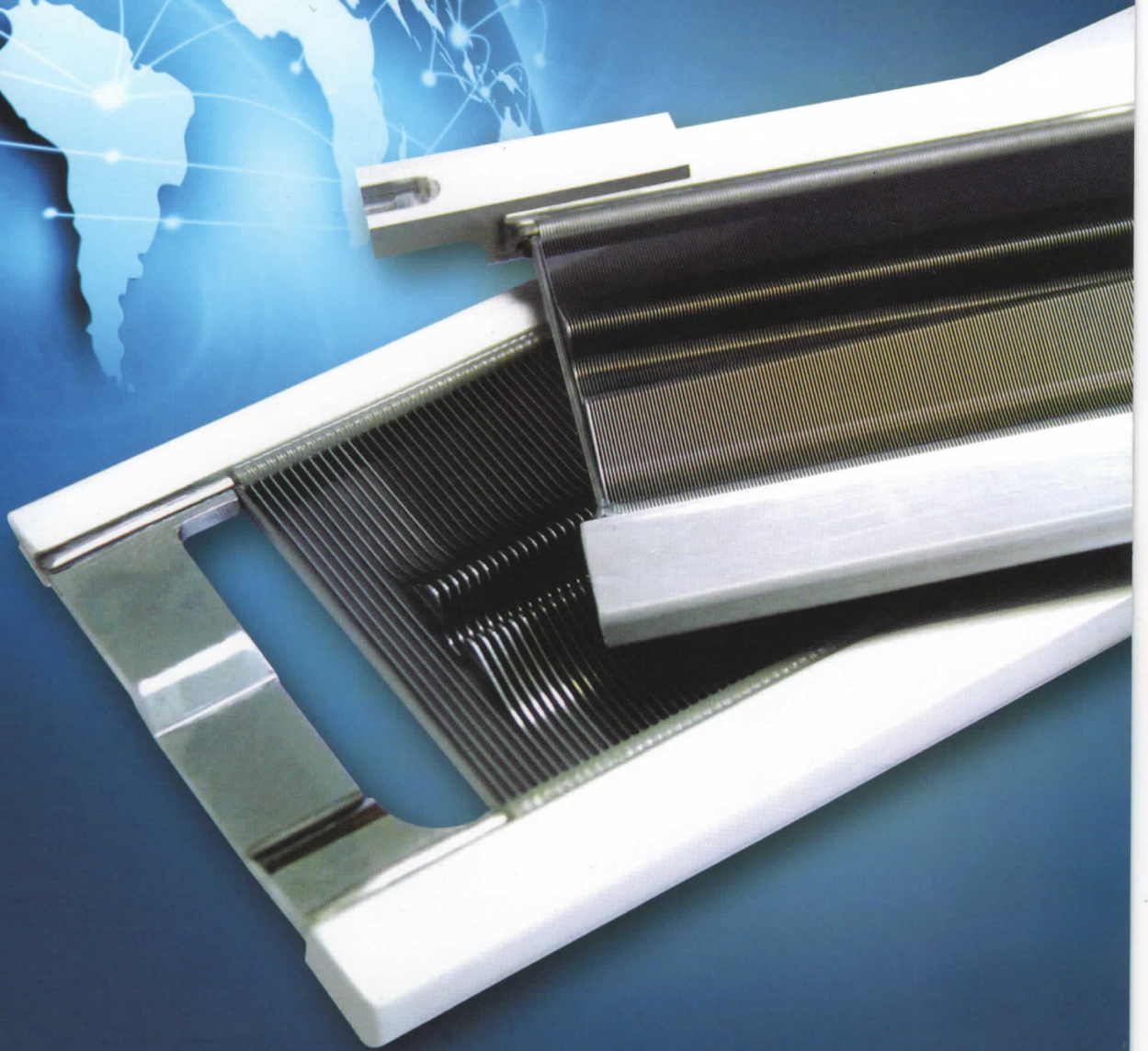


ALCOY

**Reeds
Healds & Drop Wires**



ALCOY REEDS & STEEL HEALDS

MAQUINARIA Y ACCESORIOS PARA LA INDUSTRIA TEXTILE

ALCOY
(España)

ALCOY REEDS & STEEL HEALDS



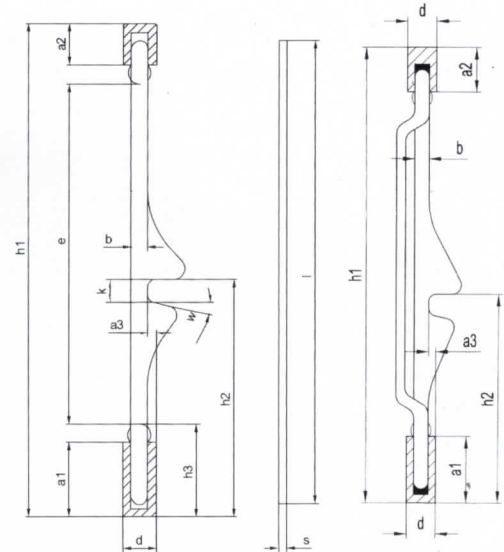
ALCOY STEEL HEALDS, SS. is located beautiful province of Alicante, Spain. The Serpis river crosses the municipal boundary of Alcoi.

Our Company was established in 1995, we have more than 100 workers now, with capital asserts of 20million, producing professionally more than 100000 piceses annually for kinds and specifications of Healds & Drop Wires etc. Made steady business relationship with over 500 enterprises among more than 20 provinces and cities, sold products to Bangladesh, India, Vietnam, Brazil etc. The quality is inspected to be qualified by Quality Surveillance Inspection Center of National Textile and Equipment, and equipped the inspection machines from this Inspection Center. The products will be 100% inspected to be up to grade before finish, which has well reputed by end users.

We have passed the Quality System Certificate of ISO 9001-2000 in the year of 1996. We always pursue the principle of "No One Quality, Perfect Serve", we consider the quality of products same as the quality of human being, based on sincere service, high quality, low price, supply on time, which have met the needs from clients.

Air-Jet Weaving Reeds Dimensions

Loom Type	W	h ₁ (mm)	V(mm)	a ₂ (mm)	a ₁ (mm)	h ₂ (mm)	d(mm)	k(mm)
Tsudakoma	12	111, 116.5, 122	105, 108, 113	12, 16	18, 23	51, 56	8	5.5
Toyota	12	116.5, 122	105, 108, 113	12, 16	18, 23	56	8	5.5
Picanol	6, 12	110, 119	104, 112	12, 10	18, 20	54, 57	8	5.5, 6
Dornier	6, 12	108, 118	101, 112, 113	10, 12	18, 20	57	8	5.5, 6
Sulzer	6, 12	116, 120	108, 113, 112	12, 16	18, 23	56, 57	8	5.5, 6
Somet	6	108, 118	101, 112	10, 12	20, 18,	57	8	6
Gunne	6	119	112	12	18	57	8	6



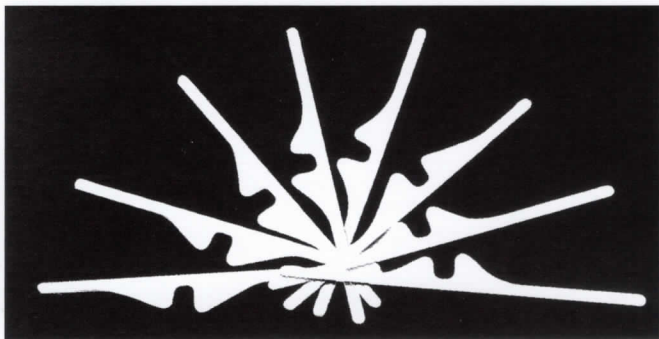
The Profile Reed Dent

The profile reed dent is manufactured with imported stainless steel strip, and designed to the optimal geometrical shape according to the hydrodynamics. After the special disposal of polishing the surface of the reed wire is smooth, bright and unique in color, also has the characteristics of standard in shape and stable in atmospheric pressure. the reed wire is suitable for various reeds for air jet loom.

Thickness: T(mm)

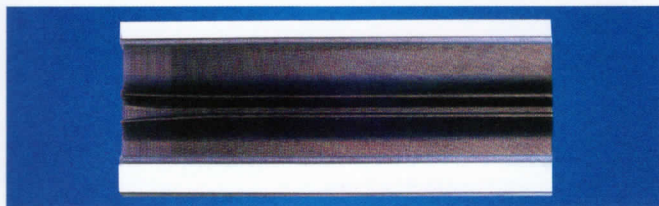
0.14, 0.15, 0.16, 0.17, 0.18, 0.20, 0.22, 0.24, 0.26, 0.12, 0.28, 0.30, 0.33, 0.35, 0.37, 0.40, 0.45, 0.50, 0.60, 0.70

Technical Standard



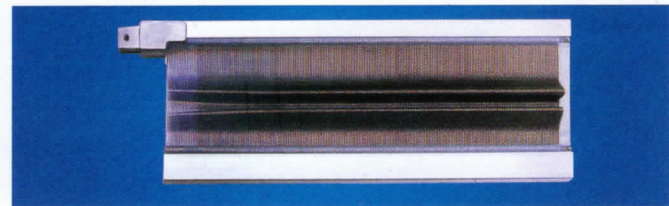
Strong dents by different fiber and yarn

- Coating hard chromium Strong dents
- DLC super hard resistance abrasion dents
- NM ceramic auto - lubricant chemical complex coating dents

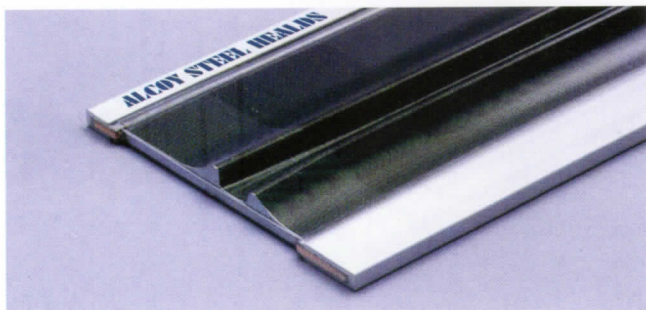


Thickness of Reed Wire

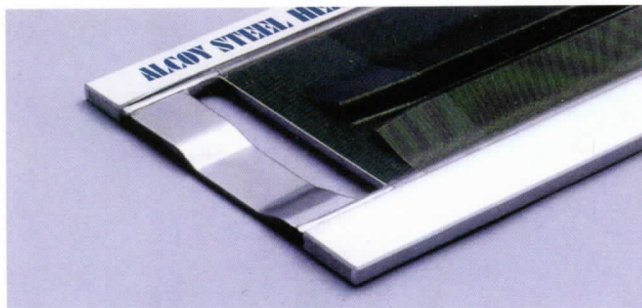
10cm Dents/10cm	Recommend data	Range
40-60	0.60	0.50-0.60
61-80	0.50	0.45-0.50
81-90	0.45	0.40-0.45
91-100	0.40	0.35-0.45
101-110	0.35	0.30-0.40
111-120	0.30	0.28-0.35
121-140	0.28	0.26-0.35
141-160	0.26	0.24-0.30
161-180	0.24	0.22-0.30
181-200	0.22	0.20-0.28
210-220	0.20	0.18-0.24
221-240	0.18	0.16-0.22
241-260	0.16	0.14-0.18
261-320	0.14	0.14-0.16



Air-Jet Weaving Reeds



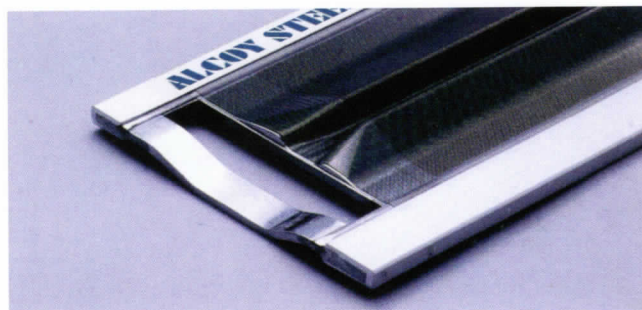
Reed for Picanol Jet Loom



Reed for Tsudakoma Jet Loom



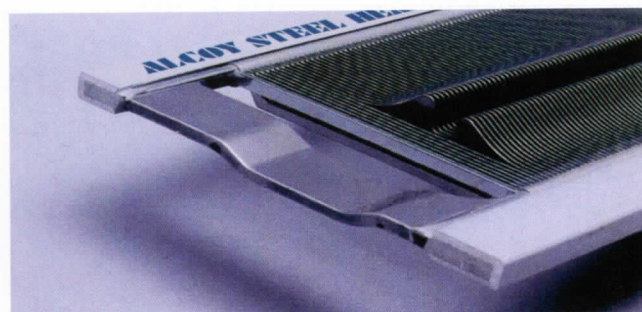
Reed for Toyota Air Jet Loom



Reed for Somet Air Jet Loom



Reed for Dornier Jet Loom



Double - Layer Air Jet Loom

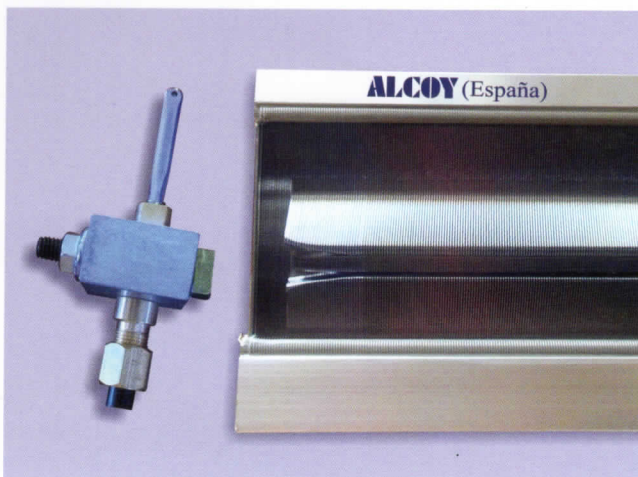
Technology developing

- In order to reach the demands of high quality fabric and industrial textile products, the yarn is developing to high count, multicolor, various fibres and the fabric is developing to high count, high density, environment protections. So we have researched out high density, multicolor, multi-nozzle, double energy saving type profile reeds to let you choose.
- Special design of conical air-jet reeds. We can produce various conical air-jet reeds according to the demands of clients about different fibers, yarns and looms.
- Glass fibre special used air-jet reeds.
- Modeled handwork carpet (hang) special used pin board reeds.

- Various specifications of best quality taps reeds for shuttleless looms, warp tying comb reeds, arc reeds of plastic weaving machine. Waiting for your special measurements to custom-made.

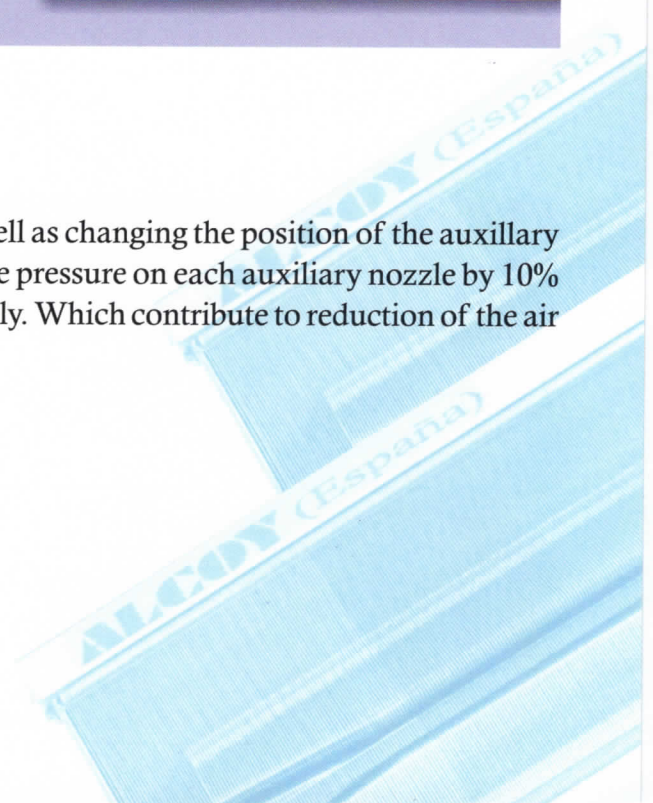
Finished products inspection

- Inspect parameter piece by piece strictly.
- Use special equipments, to check the NO. of reeds and amount of dents.
- Use auto air detector and repair mill to check the air pressure value.

 E - Reeds

Our E Reed saving air Consumption

By improving the geological structure of weft-guided slot as well as changing the position of the auxiliary nozzle and our air jet E Reed. Our air Jet E Reed can reduce the pressure on each auxiliary nozzle by 10% to 12% thus the weft can fly in low pressure environment steadily. Which contribute to reduction of the air consumption.



Air-jet profile dent



Used for Various Air-Jet looms

We have Punch Machine, Polish Machine, Straight Machine and other machineries., having intellectual property right, crafts, technology and annual output is 120,000,000 pieces.

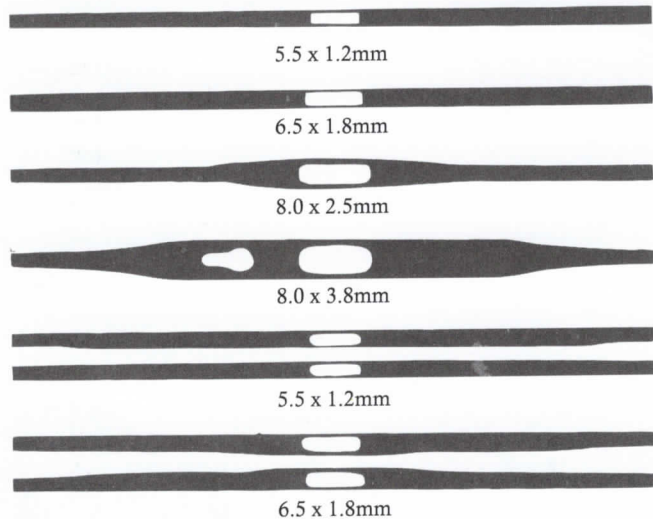
Main Parameter technique of flat steel heald

- Hardness HV 410-510
- Mail-eye roughness Ra<1.6u.m
- Strength resistance 10.8-12.8Mpa
- Angle 30° ±5°
- Resilence culve radiu R=U semicircle diameter, recovered after release
- Products made of carbon steel nickelaged

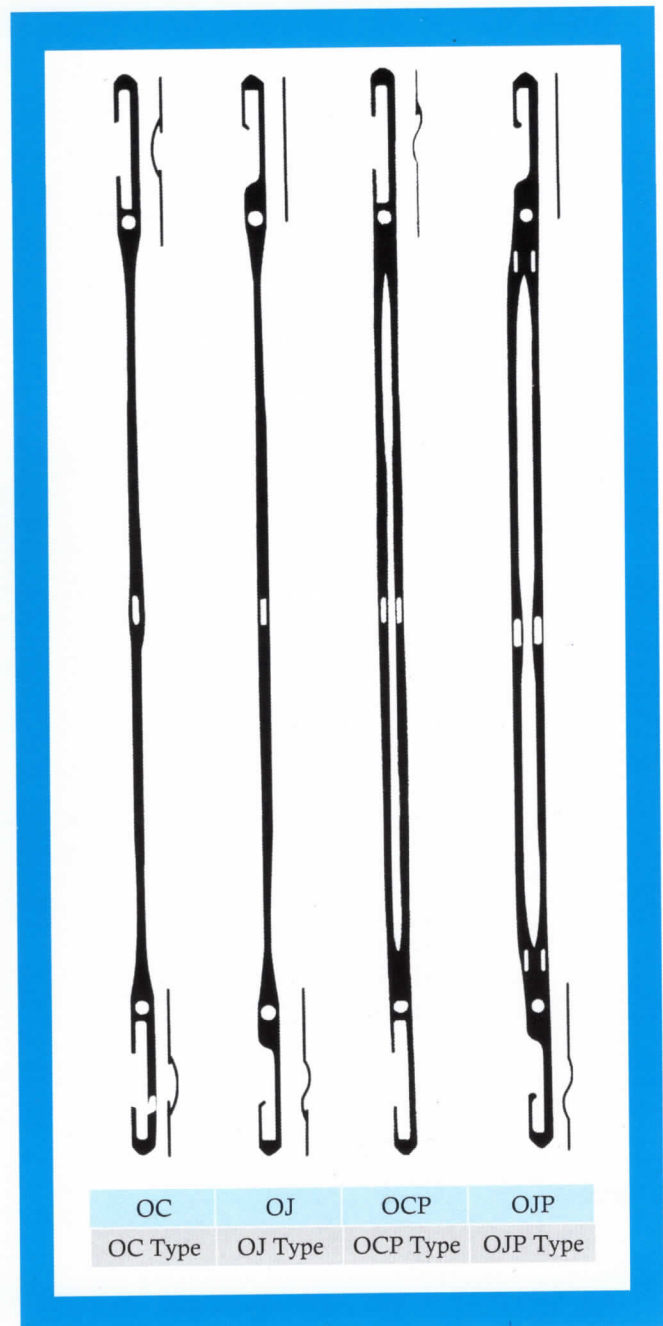
Types, Specifications of open type flat steel healds

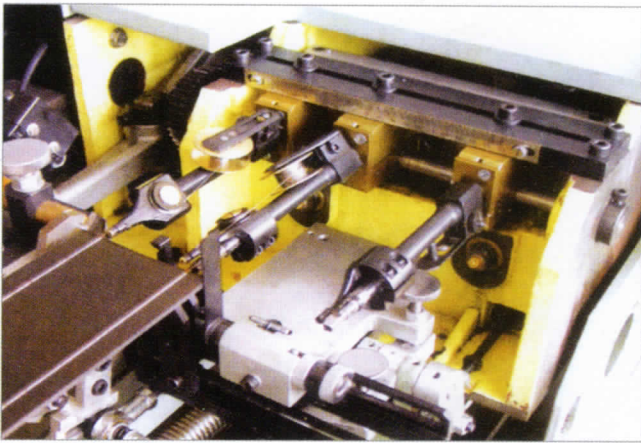
Type	Slaup	Eye Size	Length	SS Grade
J Type	Simplex	5.5 x 1.2	280	201
			331	302
C Type	Duplex	6.5 x 1.8	382	420

Schematic diagram of mail-eye for open flat steel heald

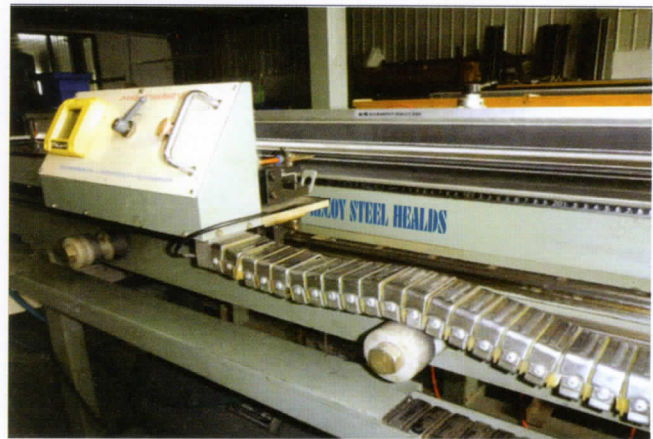


Open Type Flat Steel Healds



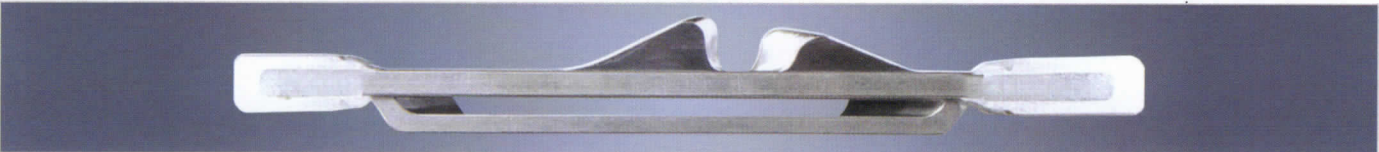


Fully Automatical Reed Binding Machine is binding



Each of the Air-jet Reeds should be tested strictly







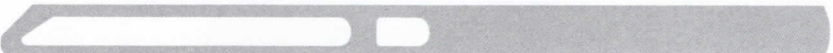

Technical Specifications



Main technique Parameter of Drop Wires

- 1). Hardness HV 410 - 510 2). Nickel - plating surface > 0.003mm in thickness 3). The surface of eyelet is smooth, abrasion resistant.

Different type of closed end drop wires

Type No.	Shape and dimension in / mm	Thickness	Weighting .g
C 1	 129 x 9	0.2	1.30
		0.3	1.95
C 2	 145 x 8	0.2	1.20
		0.3	1.80
C 3	 145 x 11	0.2	1.90
		0.3	2.85
		0.4	3.80
C 4	 145 x 11	0.2	1.90
		0.3	2.90
		0.4	3.90
		0.5	4.80
C 5	 146 x 11	0.6	5.80
		0.2	1.95
		0.3	2.85
		0.4	3.85
C 6	 165 x 9	0.2	1.70
		0.3	2.50
C 7	 165 x 11	0.2	2.20
		0.3	3.30
		0.4	4.40
		0.5	5.50
C 8	 165 x 11	0.6	6.60
		0.2	2.20
		0.3	3.30
		0.4	4.40
		0.5	5.50
		0.6	6.60

ALCOY



ALCOY REEDS & STEEL HEALDS

MAQUINARIA Y ACCESORIOS PARA LA INDUSTRIA TEXTILE

ALCOY
(España)

ALCOY Industries, Alcoy, Spain.

Website : www.alcoyreeds.com • E-mail : info@alcoyreeds.com, sales@alcoyreeds.com