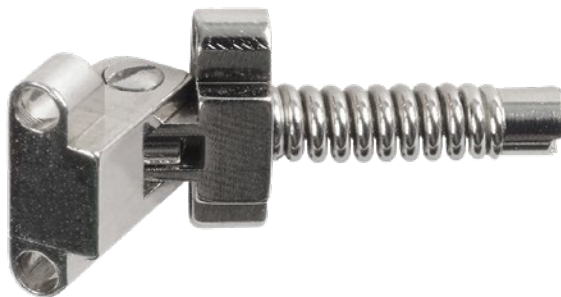


IOEAL
ITALIAN EYEWEAR COMPONENTS

PRODUCTS
CATALOGUE

big in small things





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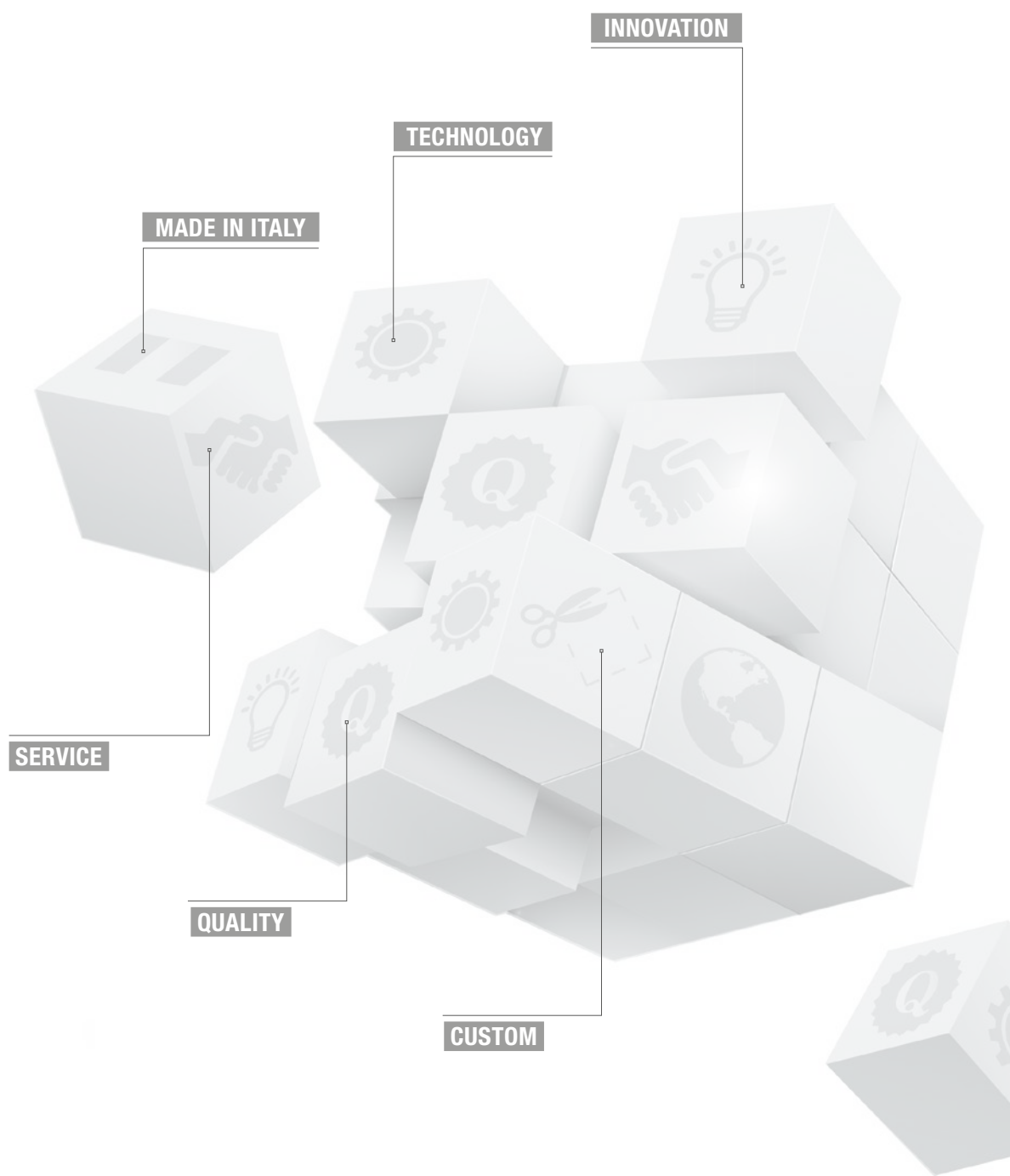
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Un lavoro
tutto italiano
Full Made
in Italy



IDEAL è un'eccellenza italiana nella produzione di componenti meccanici di alta precisione per l'industria dell'occhiale.

Con oltre 40 anni di storia ed un know-how maturato nella collaborazione con i maggiori player internazionali di settore, l'azienda si distingue per tre plus fondamentali:

> QUALITÀ 100% MADE IN ITALY

l'intero ciclo produttivo avviene all'interno degli stabilimenti di Quero Vas (Belluno) per un controllo totale della qualità del prodotto e del servizio.

> INNOVAZIONE & TECNOLOGIA

un intero reparto R&D dove vengono sviluppati progetti su misura e anticipate nuove soluzioni tecnologiche.

> SERVIZIO & FLESSIBILITÀ

Tempo medio di risposta per le offerte e fattibilità di nuovi prodotti:

- **6 ore**

Caricamento degli ordini e conferme al cliente:

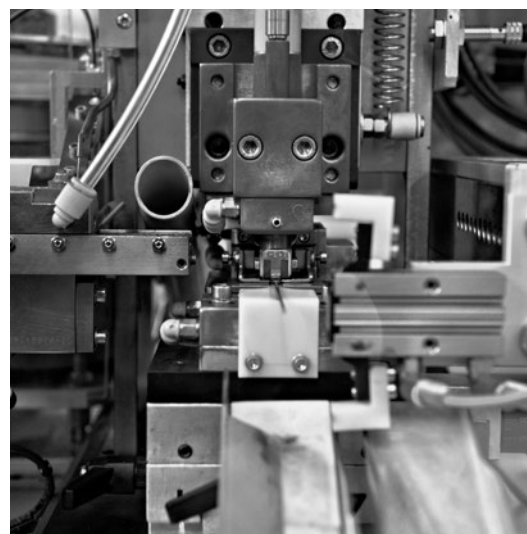
- **meno di 12 ore**

Tempo medio di industrializzazione nuovi prodotti:

- **5 giorni**

Time to market di un nuovo prodotto:

- **2 settimane**



We are an excellent Italian high-precision engineering company manufacturing micro metal components for the eyewear sector.

With more than forty years of experience our know-how has been built working with the leading international partners. IDEAL distinguishes itself with three points of excellence:

> 100% MADE-IN-ITALY QUALITY

The entire production is made in Quero Vas (BL) resulting in total control over quality and performance.

> INNOVATION & TECHNOLOGY

An R&D department where custom client projects are developed and new technological solutions find their origin.

> SERVICE & FLEXIBILITY

Average response time to offers for custom projects and product feasibility studies:

- **6 hours**

Order processing with precise delivery dates:

- **less than 12 hours**

Average industrialization time for new custom projects:

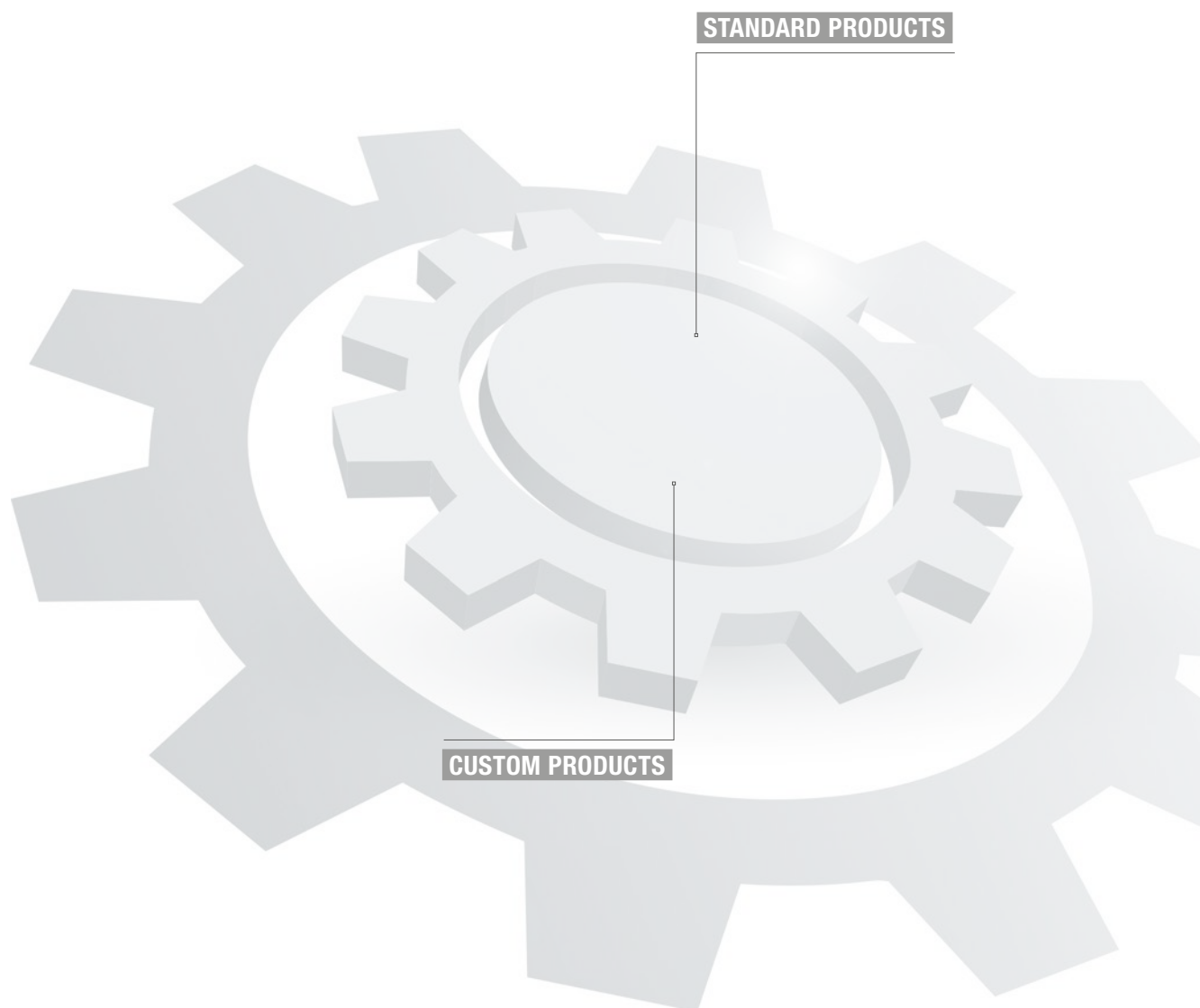
- **5 days**

Custom products "Time to Market" (standard production):

- **2 weeks**

Hub tecnologico specializzato

A specialised technological hub





IDEAL ha investito e continua ad investire nella fabbricazione interna di stampi e attrezzature. Le fasi di costruzione ed i trattamenti termici sono tutti interni e controllati direttamente. Progettiamo, industrializziamo e produciamo all'interno tutte le molle speciali per i nostri meccanismi.

CUSTOM PRODUCTS

Uno dei punti di forza di IDEAL è lo studio e la realizzazione su misura di qualsiasi prodotto con qualsiasi tipo di materiale, compreso il titanio. Partendo da una semplice idea del cliente, IDEAL è in grado di proporre un progetto dettagliato corredato da un'analisi di fattibilità e dal prototipo, per passare poi all'industrializzazione anche con macchinari dedicati.

- > ANALISI
- > PROGETTAZIONE
- > PROTOTIPAZIONE
- > PRODUZIONE

STANDARD PRODUCTS

Il catalogo IDEAL offre un'ampia gamma di soluzioni che rispondono alle più diverse specifiche tecniche ed estetiche: performance, funzionalità, forme, dimensioni, angoli e tolleranze. Completa la gamma un'ampia proposta di prodotti vintage dal design vagamente retrò

IDEAL has always and continues to invest in moulds and tools made in house. The design and manufacturing process of these as well as in house heat treatment are all processes fully controlled by IDEAL. We also internally design, industrialize and produce every spring for our mechanisms.

CUSTOM PRODUCTS

IDEAL distinguishes itself with the design and realization of custom products for clients utilizing any kind of material, titanium included. Beginning with a customer's simple idea, IDEAL is able to submit a detailed project including feasibility study and prototype, and follow this with industrialization, also with a dedicated machine park.

- > ANALYSIS
- > DESIGN
- > PROTOTYPING
- > PRODUCTION

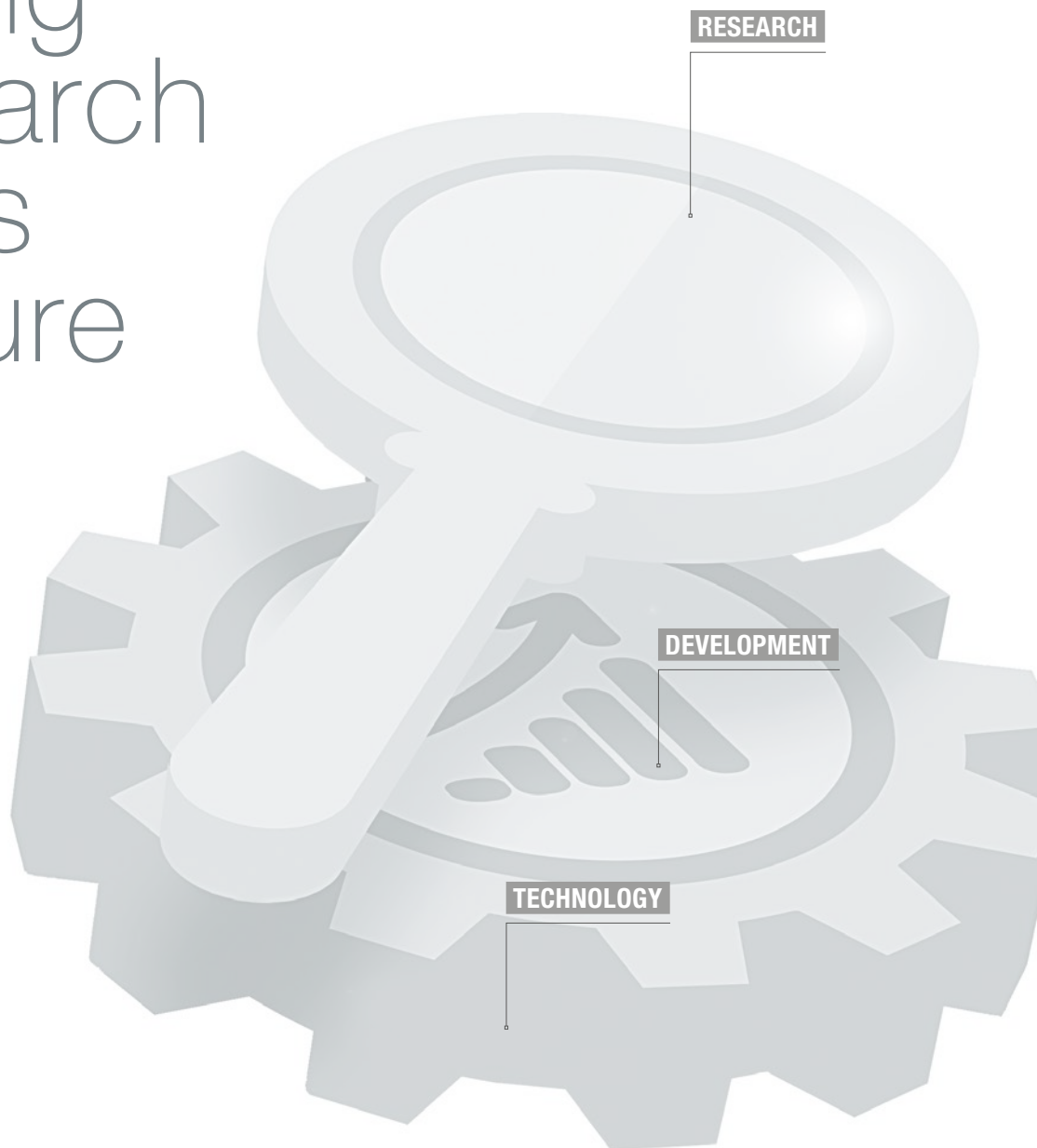
STANDARD PRODUCTS

The IDEAL catalogue offers a wide variety of solutions satisfying different specifications and aesthetic requests, such as performance, functionality, shape, dimensions, angles and endurance. To complete the range, IDEAL offers a wide range of vintage products featuring a variety of retro designs.



Investire
in ricerca
crea il futuro

Investing
in research
spawns
the future



RICERCA • SVILUPPO • INNOVAZIONE

Guardare sempre avanti è alla base del lavoro e dei risultati IDEAL.

Ogni fase del progetto avviene all'interno degli stabilimenti italiani di IDEAL: la progettazione, l'industrializzazione, la lavorazione delle materie prime, la costruzione degli stampi e la realizzazione di specifici macchinari.

LA QUALITÀ COME STANDARD OPERATIVO

I prodotti IDEAL hanno risultati di eccellenza superiori alla media grazie all'attenzione in fase di progettazione, alla scelta dei materiali, all'industrializzazione accurata in ogni dettaglio e ai **rigorosi test di verifica sul prodotto**.

Costruiamo con il cliente la sua reputazione in termini di affidabilità del prodotto finito per durabilità e performance delle nostre cerniere.

• Test Endurance

Il nostro test endurance interno sottopone le aste e i meccanismi a test che simulano le più severe condizioni di esercizio dell'occhiale.

• Prova a fatica

I nostri meccanismi sono testati per resistere indenni oltre 50.000 cicli completi.

• Resistenza a trazione snodo

Tutti gli assiemi snodo sono in grado di resistere a sforzi di trazione superiori a 25kgf.

• Resistenza alle deformazioni

I nostri meccanismi sono sottoposti a test di extra-flessione, flessione laterale e rotazione combinate, per garantire la massima affidabilità delle nostre soluzioni.

RESEARCH • DEVELOPMENT • INNOVATION

In its essence, IDEAL's work and results are always forward looking.

We capture every stage of the creative process inside the Italian factory: design, industrialization, semi-processed materials handling, mould, tools and machinery construction.

QUALITY AS AN OPERATING STANDARD

The performance and endurance of IDEAL's products are consistently above average due to our attention to the design process, the materials utilized, an attentive industrialization, and a **strict laboratory test requirement**.

With the endurance and performance of our hinges, we help our customer build a reputation for finished product.

• Fatigue test

Temples and mechanisms undergo internal tests to simulate the most critical conditions during the use of glasses.

• Junction tensile strength

Our mechanisms are tested to withstand 50,000 complete cycles.

• Endurance test

All our junction mechanisms tolerate a traction force of at least 25 kilogram.

• Deformation resistance

Our mechanisms undergo extra-flexibility, lateral-flexibility and rotation combined tests to guarantee maximum reliability values of our products.

Una partnership strategica Strategic partnership

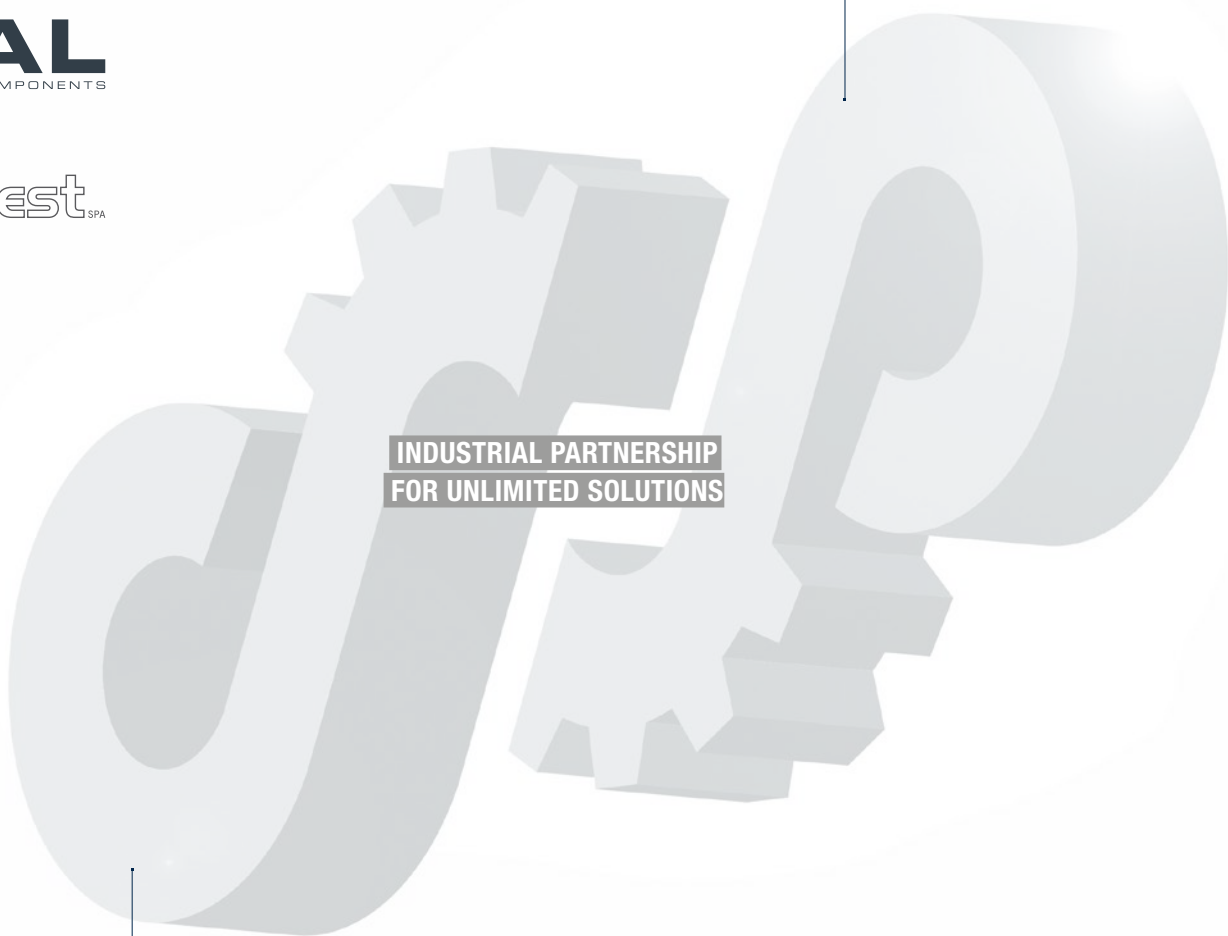
IDEAL
ITALIAN EYEWEAR COMPONENTS



MIMEST INDUSTRY

INDUSTRIAL PARTNERSHIP
FOR UNLIMITED SOLUTIONS

IDEAL INDUSTRY



METAL INJECTION MOULDING

Siamo un polo di riferimento tecnologicamente avanzato nel campo delle minuterie metalliche per l'occhialeria, lavoriamo con partners che condividono la nostra visione basata su ricerca e innovazione e utilizzo di tecnologie avanzate.

MIMEST, realtà industriale con esperienze maturate in settori specialistici come il militare e medicale, è il partner con cui IDEAL sviluppa prodotto MIM ad alto contenuto tecnologico.

Grazie all'integrazione dei processi di progettazione stampi in MIMEST e la loro realizzazione in IDEAL, siamo in grado di assicurare tempistiche di sviluppo prodotto notevolmente ridotte, mantenendo alti i nostri standard di rapidità di servizio.

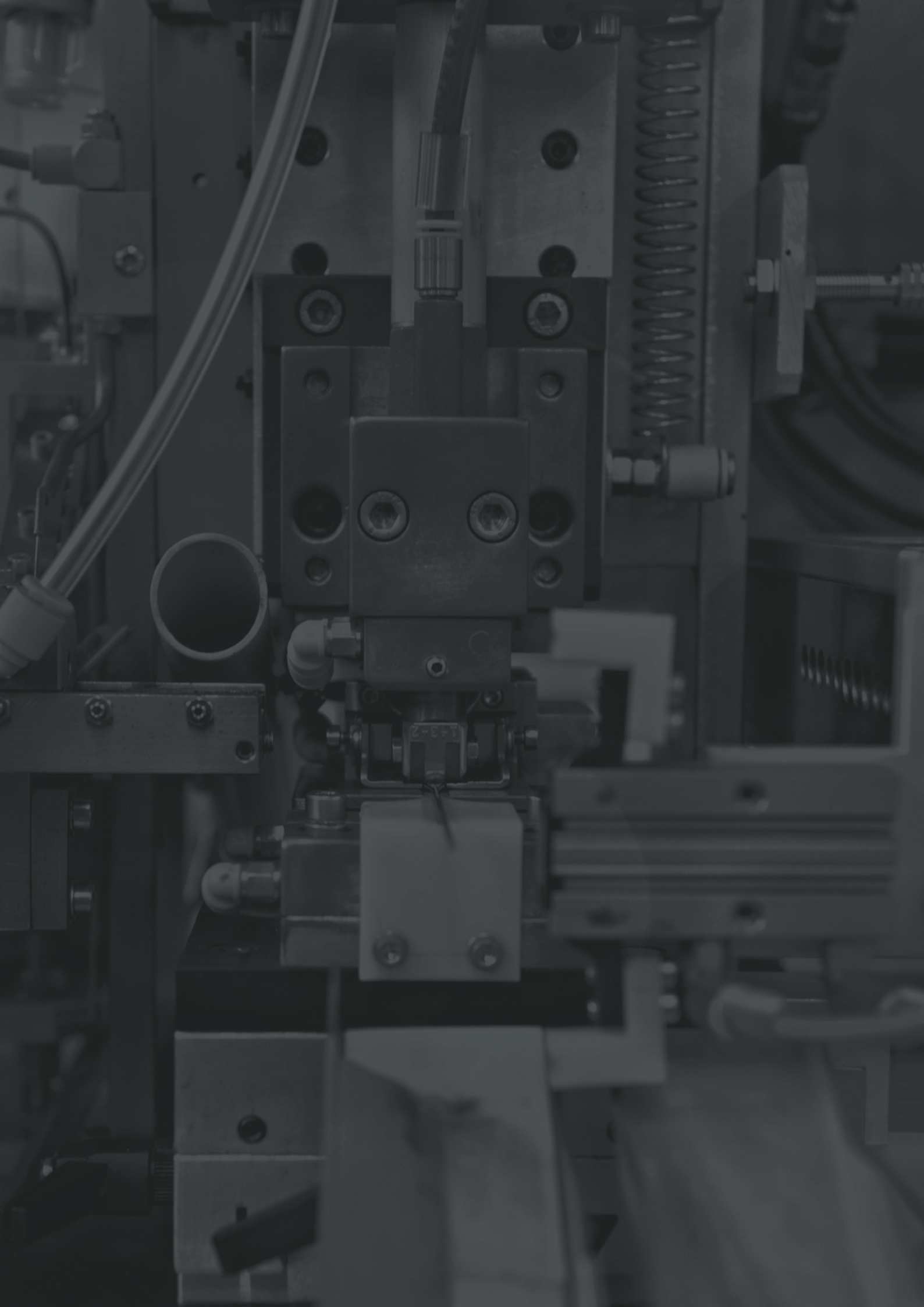
METAL INJECTION MOULDING

We represent an advanced technological hub in the area of micro metal components for the eyewear sector. We choose partners who share our vision in research, innovation and the use of state-of-the-art technologies.

With our partner MIMEST we develop innovative MIM products. MIMEST is a company with a long track record serving high-tech markets such as those of the military and medical area.

With the integration of MIMEST's mould design processes and their production by IDEAL, we ensure short product development lead times and best-in-class performances.



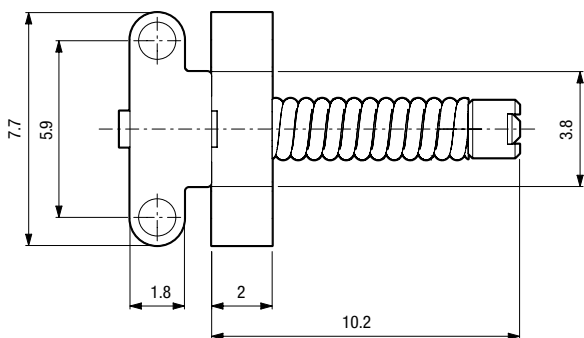
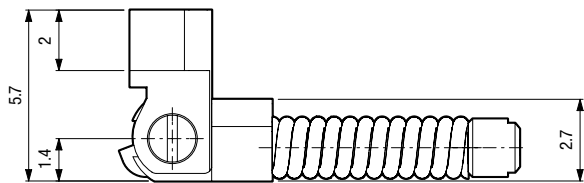


A880-52



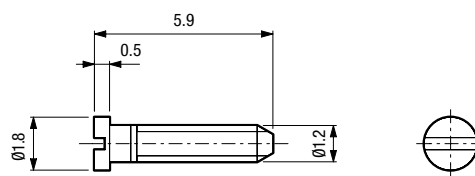
FC8800800020 | soft spring hinge

FC8800800021 | hard spring hinge



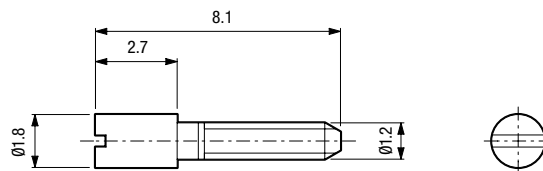
A1VW5900 | for end-piece

Self-threading



A1VW8100 | for temple

Self-threading



CHARACTERISTICS

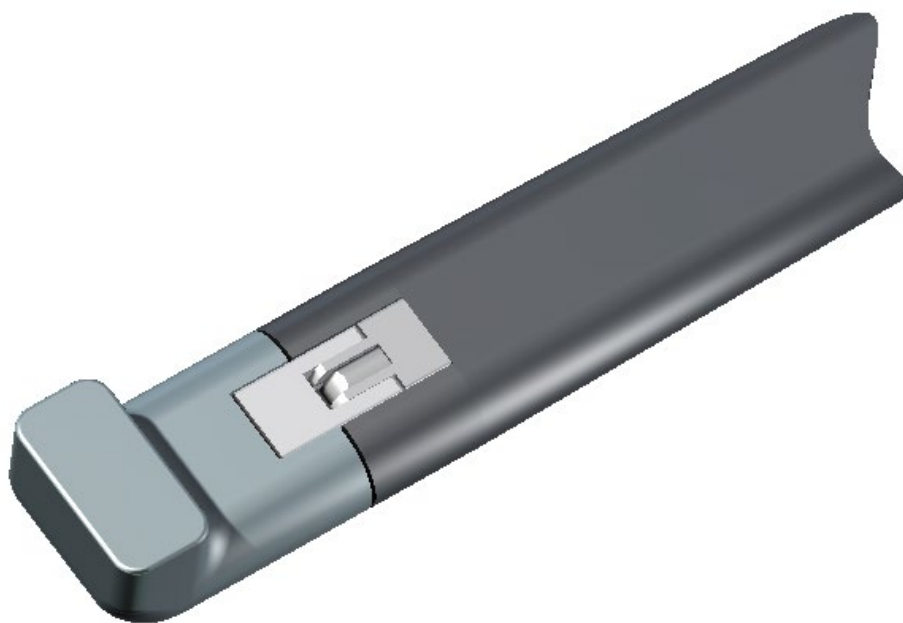
- Pre-assembled spring hinge
- To be fixed with self-threading screws
- Material: hinge in nickel silver, screws in stainless steel
- Nickel coated
- Spring hinge with anti-rocking system
- Extra-opening angle stop function
- Temple thickness min. 3.6 mm max. 4.5 mm

* Available version A880_53 (FC8800800030 - hard spring hinge) with stop function and spring mechanism in stainless steel.

Measurements expressed in mm

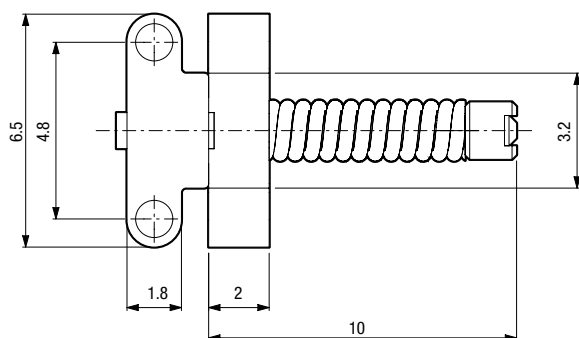
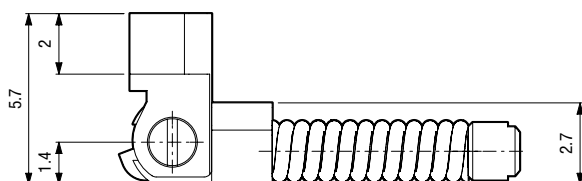
Drawings view

A880-54



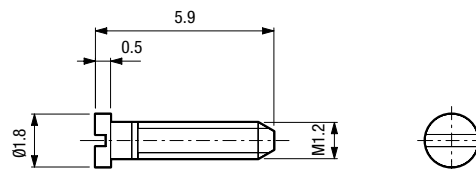
FC8800800040 | soft spring hinge

FC8800800041 | hard spring hinge



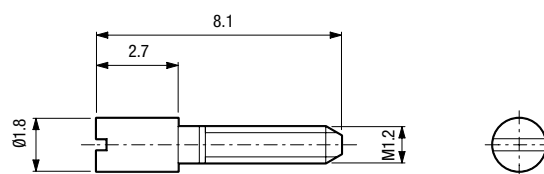
A1VW5901 | for end-piece

Self-threading



A1VW8101 | for temple

Self-threading



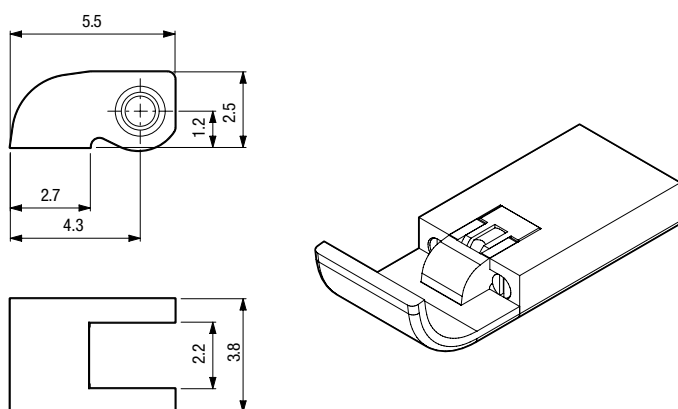
CHARACTERISTICS

- Pre-assembled spring hinge
- To be fixed with self-threading screws
- Material: hinge in nickel silver, screws in stainless steel
- Nickel coated
- Spring hinge with anti-rocking system
- Extra-opening angle stop function
- Temple thickness min. 3.6 mm max. 4.5 mm

Combinations [A880-52 | A880-54] for metal frames

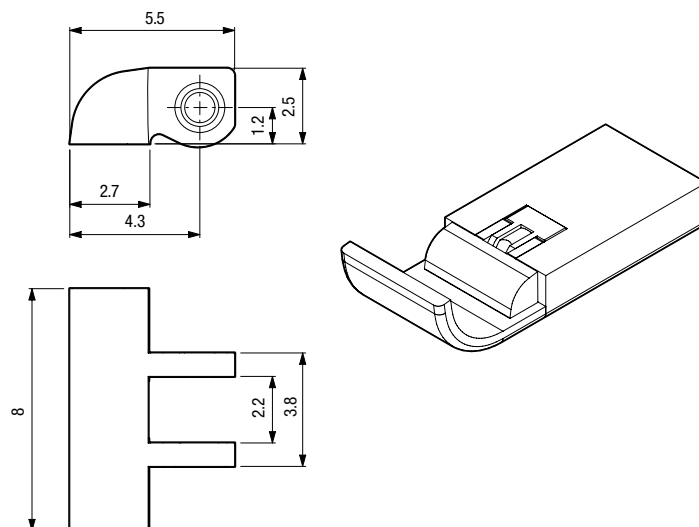
SC1B37CSB000 | step hinge

Screw coupling: A1VA3803 ⊕



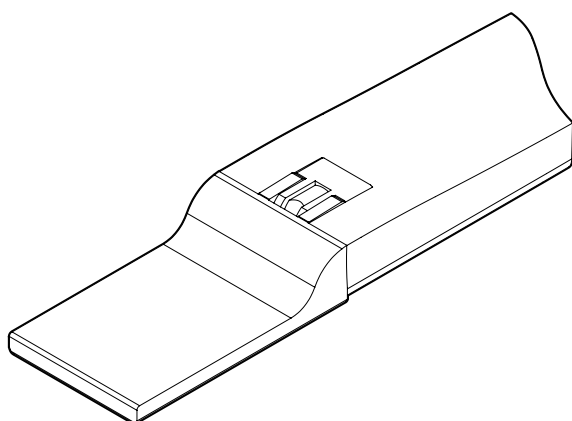
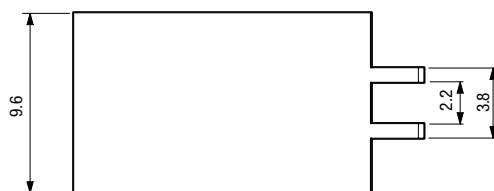
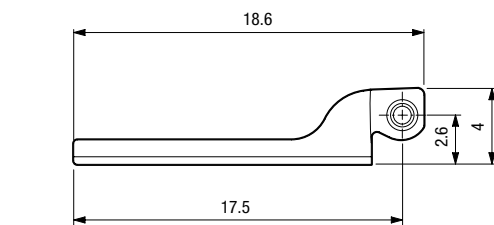
SC1B37CSB010 | step hinge

Screw coupling: A1VA3803 ⊕



SM4G96090000 | integrated end-piece

Screw coupling: A1VA3803 ⊕



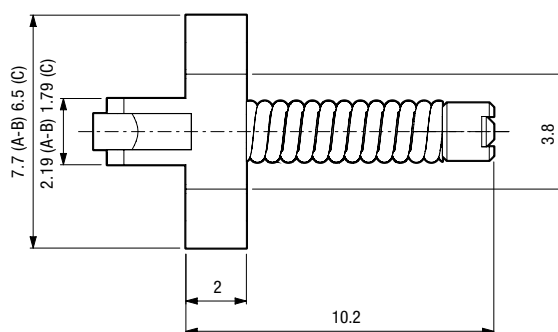
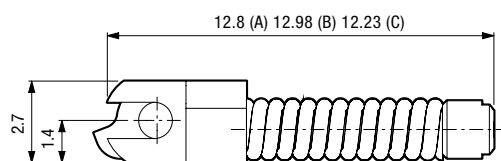
SFAS22000030 (A) | soft spring hinge [A880-52]

SFAS22000031 (A) | hard spring hinge [A880-52]

SFAS22000070 (B) | hard spring hinge [A880-53]

SFAS22000080 (C) | soft spring hinge [A880-54]

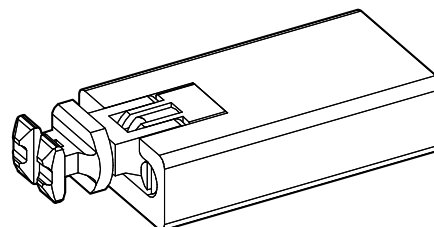
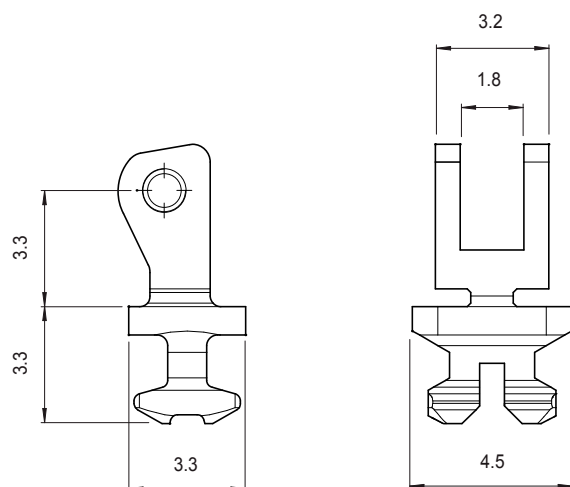
SFAS22000081 (C) | hard spring hinge [A880-54]



Combinations [A880-52 90° | A880-54 90°]

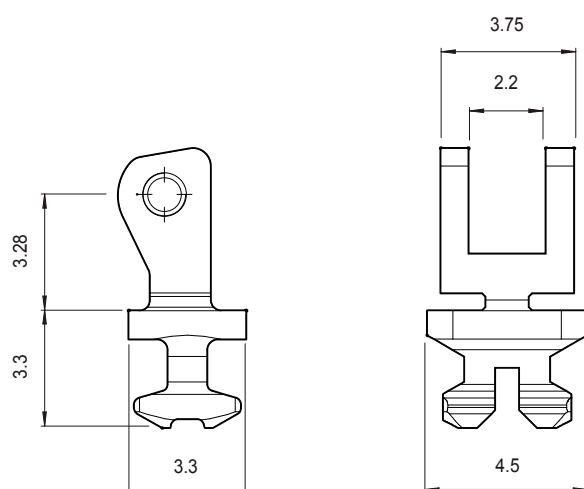
A1F78001 | 90° front hinge (A880-54)

Screw coupling: A1VW8101 



A178000 | 90° front hinge (A880-52)

Screw coupling: A1VW8101 

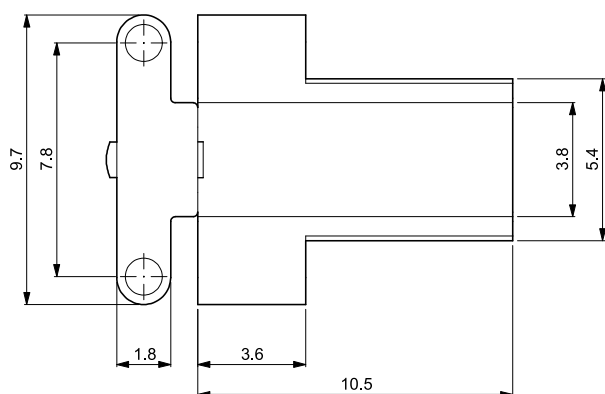
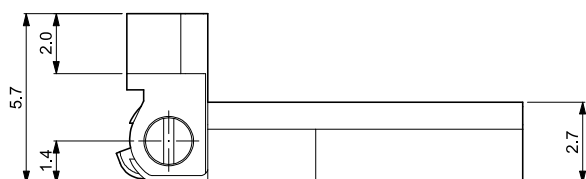


A003-50 | 180°

(personalized by laser engraving)

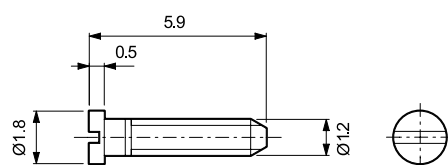


FC0030810000 | soft spring hinge



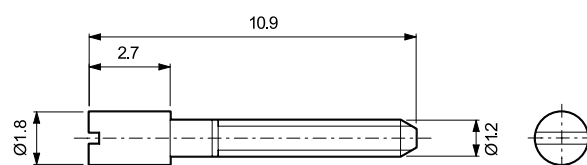
A1VW5900 | end piece

Self-threading



A1VW9901 | temple

Self-threading



CHARACTERISTICS

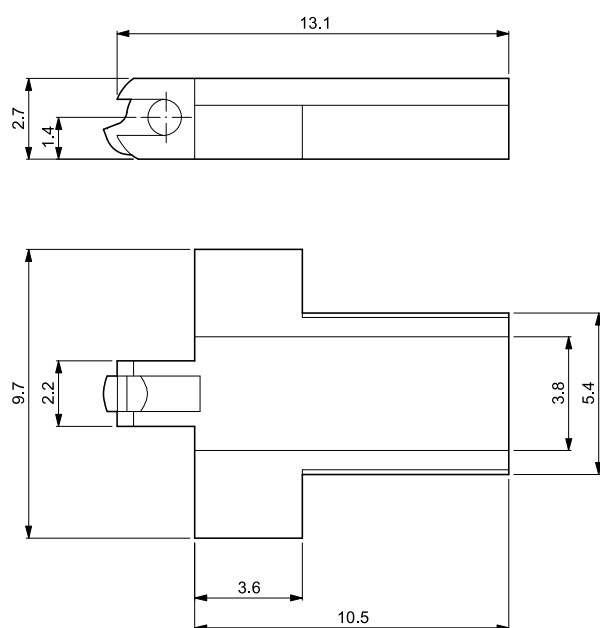
- Pre-assembled spring hinge
- To be fixed with self-threading screws
- Material: hinge in nickel silver, screws in stainless steel
- Raw or galvanic coating upon request
- Spring hinge with anti-rocking system
- Extra-opening angle stop function
- Temple thickness min. 3.6 mm max. 4.5 mm

A003-50 | 90°

(personalized by laser engraving)

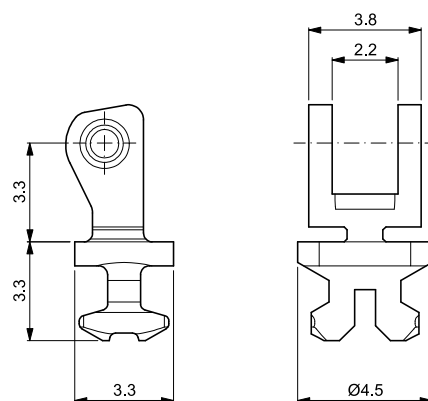


SFAS22000020 | soft spring hinge



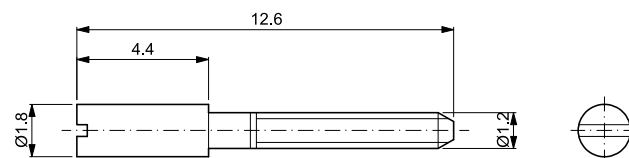
A1F78000 | 90° front hinge

Screw coupling: A1VA3803 ⊕



A1VW1200 | for temple

Self-threading



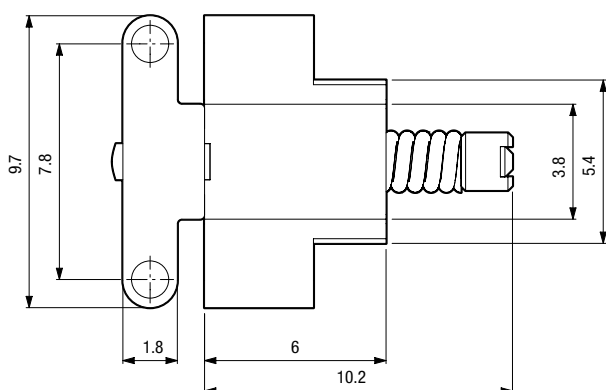
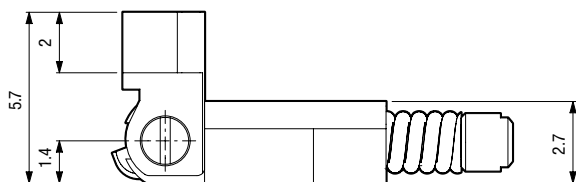
CHARACTERISTICS

- Spring hinge
- Temple fixed with self-threading screws in combination with 90° front hinge
- Material: hinge in nickel silver, screws in stainless steel
- Nickel coated
- Spring hinge with anti-rocking system
- Extra-opening angle stop function
- Temple thickness min. 3.6 mm max. 4.5 mm

A021-50 | 180°

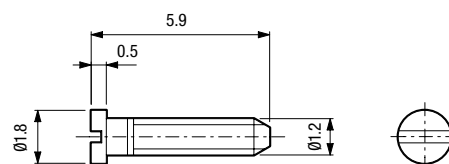


FC0210810000 | soft spring hinge



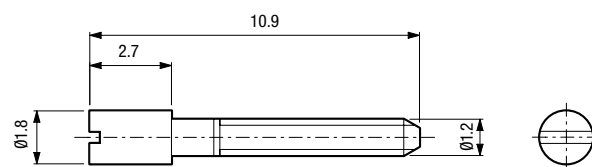
A1VW5900 | for end-piece

Self-threading



A1VW9901 | for temple

Self-threading



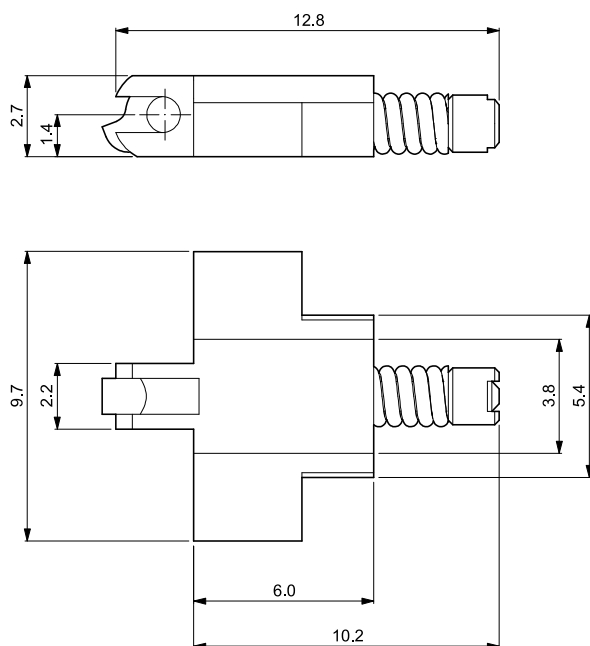
CHARACTERISTICS

- Pre-assembled spring hinge suitable
- To be fixed with self-threading screws
- Material: hinge in nickel silver, screws in stainless steel
- Raw or galvanic coating upon request
- Spring hinge with anti-rocking system
- Extra-opening angle stop function
- Temple thickness min. 3.6 mm max. 4,5 mm

A021-50 | 90°

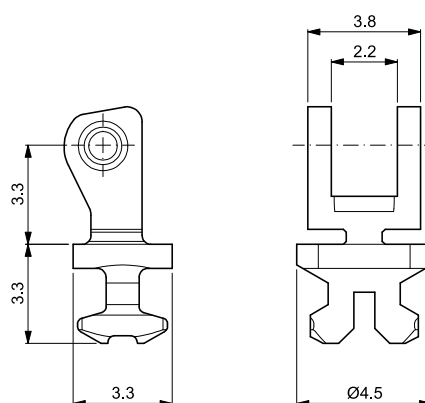


SFA522000040 | soft spring hinge



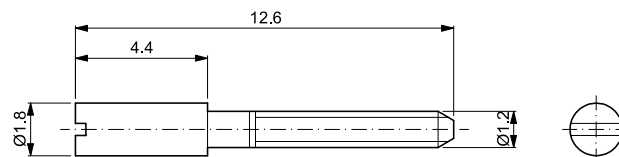
A1F78000 | 90° front hinge

Screw coupling: A1VA3803



A1VW1200 | for temple

Self-threading



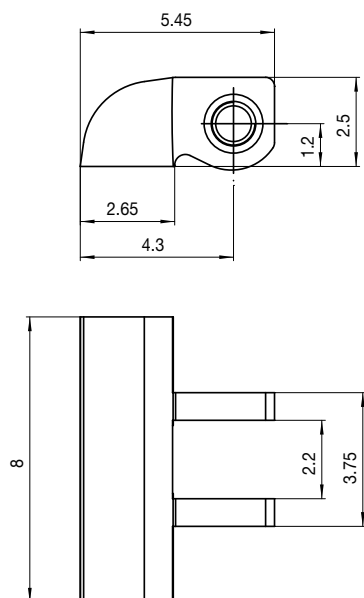
CHARACTERISTICS

- Spring hinge
- Temple fixed with self-threading screws in combination with 90° front hinge
- Material: hinge in nickel silver, screws in stainless steel
- Nickel coated
- Spring hinge with anti-rocking system
- Extra-opening angle stop function
- Temple thickness min. 3.6 mm max. 4.5 mm

Combinations [A021-50 | 180°] for metal front

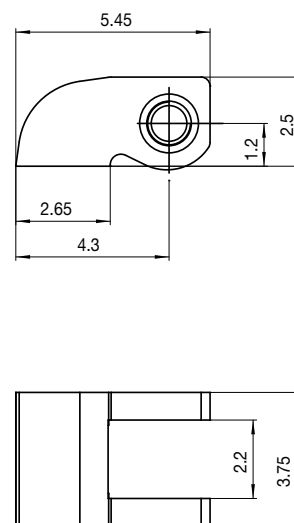
SC1B37CSB010 | front hinge

Screw coupling: A1VA3803



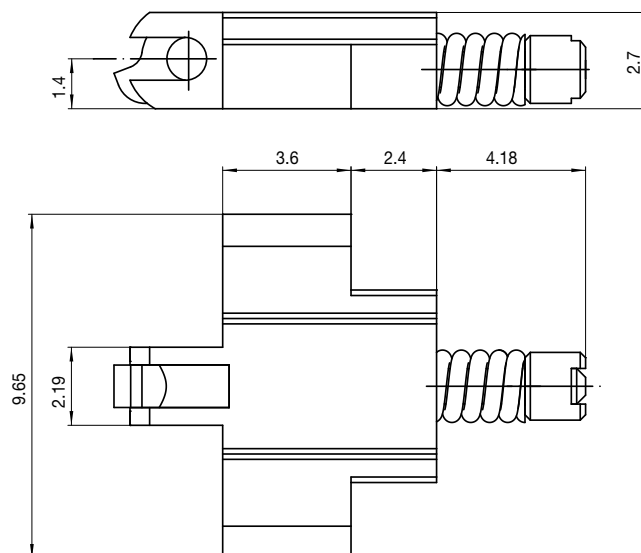
SC1B37CSB000 | front hinge

Screw coupling: A1VA3803

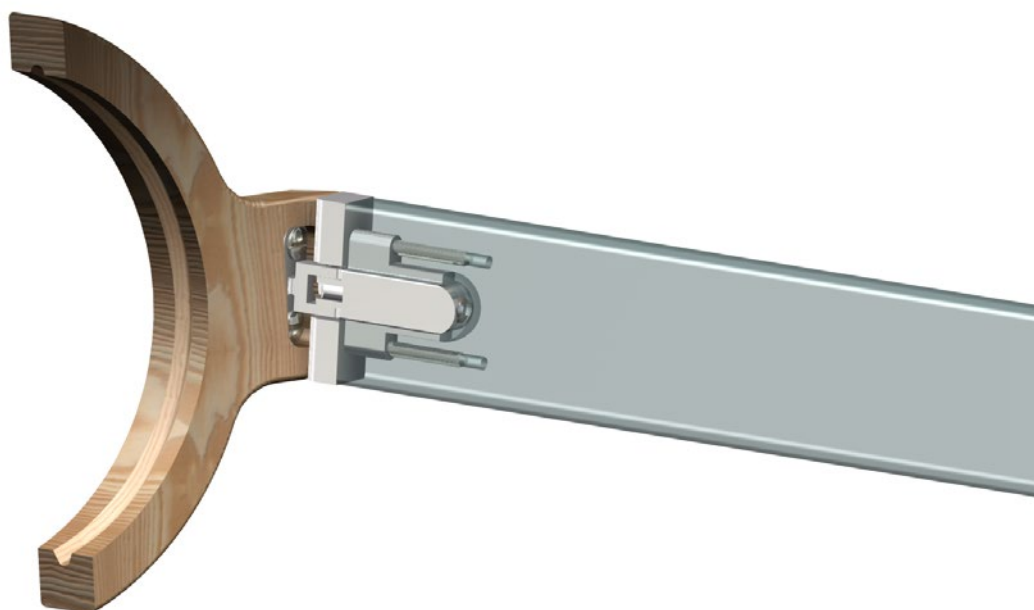


SFAS22000040 | soft spring mechanism [A021-50]

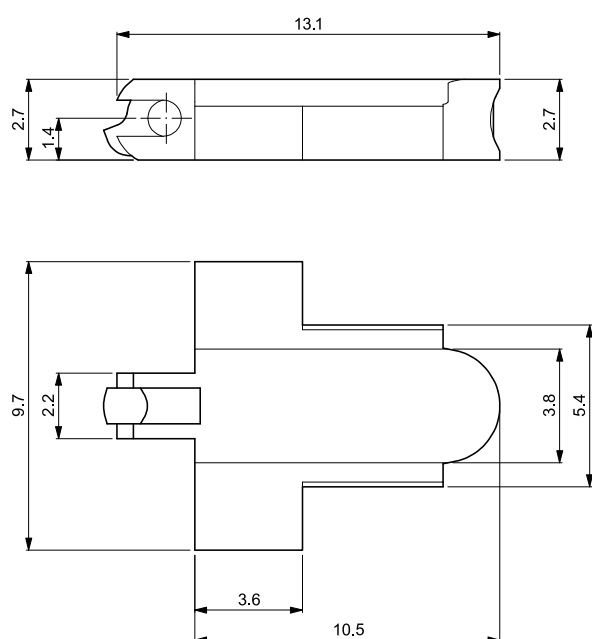
Self-threading: A1VW8100



Wood A044-50 | 90°

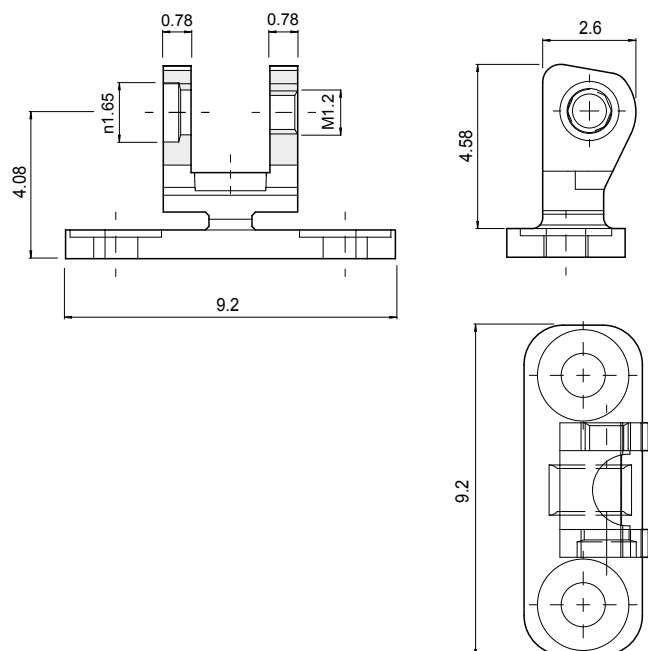


FC044F990000 | hard spring hinge



A1F9900 | 90° front hinge

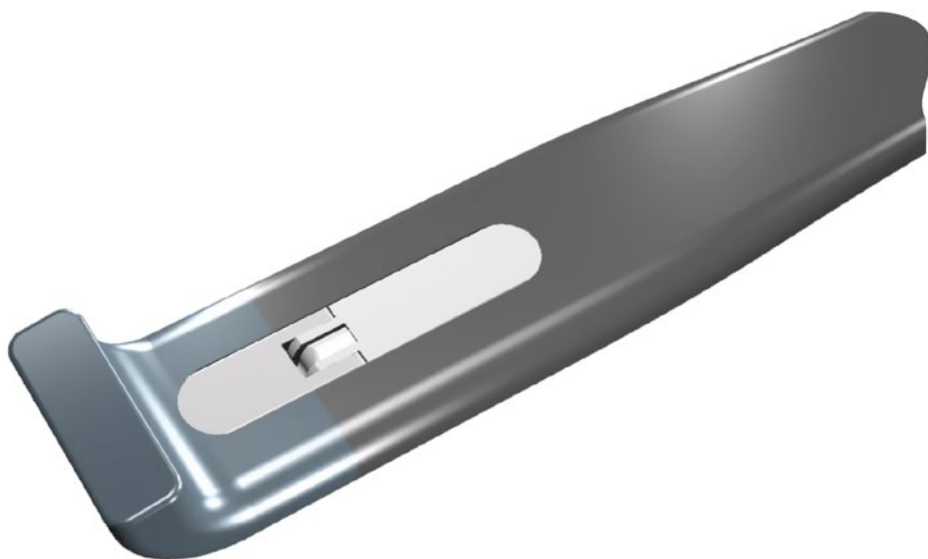
Screw coupling: A1VA3803



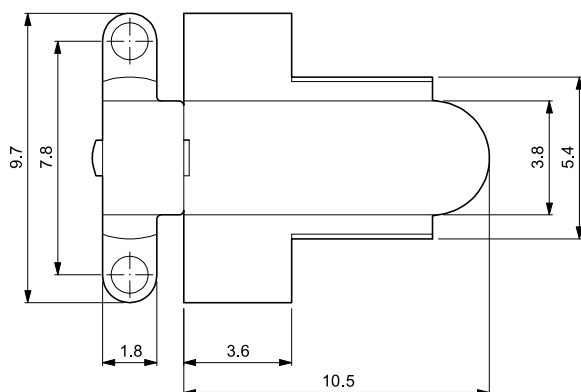
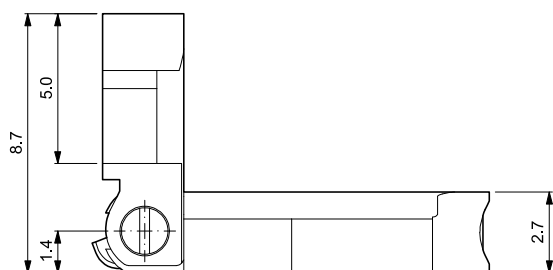
CHARACTERISTICS

- Pre-assembled spring hinge
- To be fixed with self-threading screws
- Material: hinge in nickel silver, screws in stainless steel
- Nickel coated
- Spring hinge with anti-rocking system
- Extra-opening angle stop function
- Temple thickness min. 3.6 mm max. 4.5 mm

A044-50 | 180°

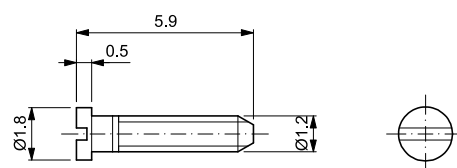


FC0440810000 | hard spring hinge



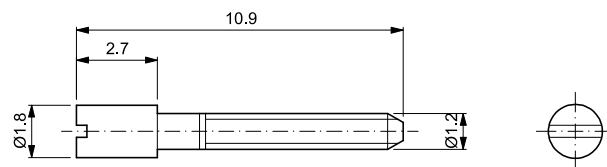
A1VW5900 | for end-piece

Self-threading



A1VW9901 | for temple

Self-threading



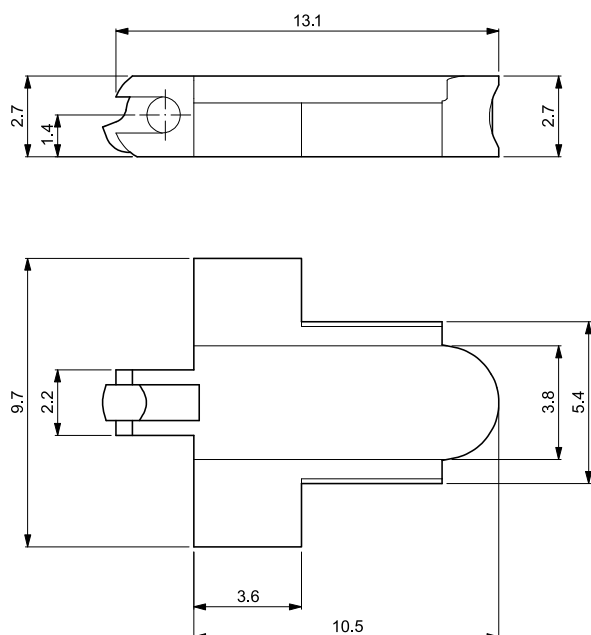
CHARACTERISTICS

- Pre-assembled spring hinge
- To be fixed with self-threading screws
- Material: hinge in nickel silver, screws in stainless steel
- Nickel coated
- Spring hinge with anti-rocking system
- Extra-opening angle stop function
- Temple thickness min. 3.6 mm max. 4.5 mm

A044-50 | 90°

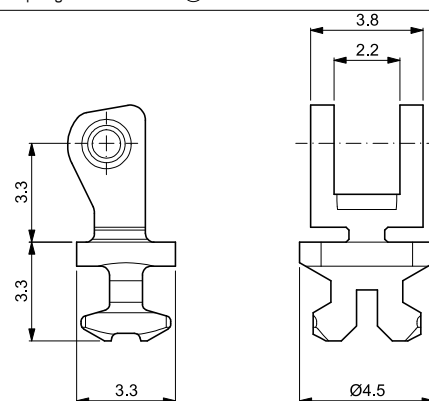


SFAS22000060 | hard spring hinge



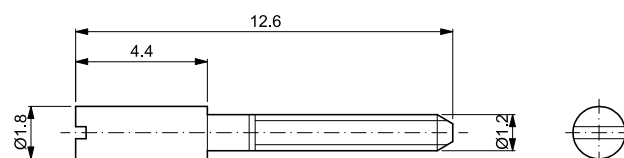
A1F78000 | 90° front hinge

Screw coupling: A1VA3803



A1VW1200 | for temple

Self-threading

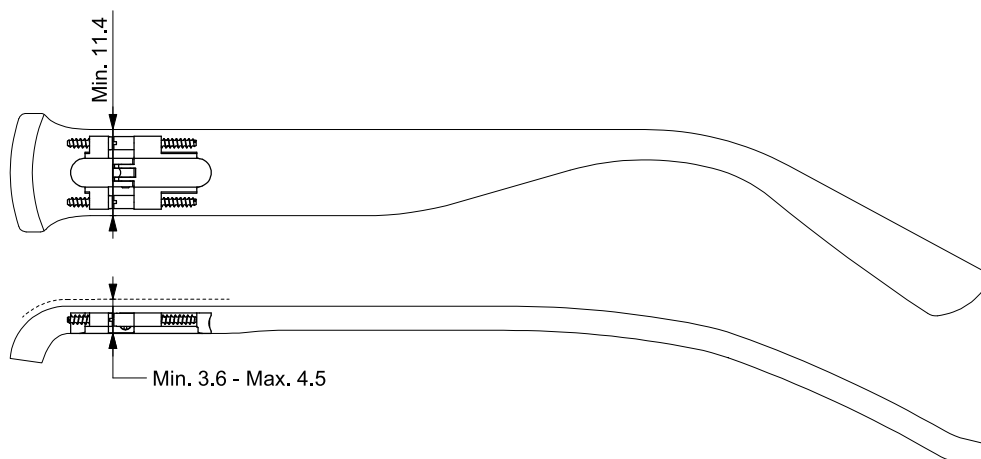


CHARACTERISTICS

- Pre-assembled spring hinge
- To be fixed with self-threading screws
- Material: hinge in nickel silver, screws in stainless steel
- Nickel coated
- Spring hinge with anti-rocking system
- Extra-opening angle stop function
- Temple thickness min. 3.6 mm max. 4.5 mm

A044-50 - Assembling procedure

Plastic front / Plastic temple

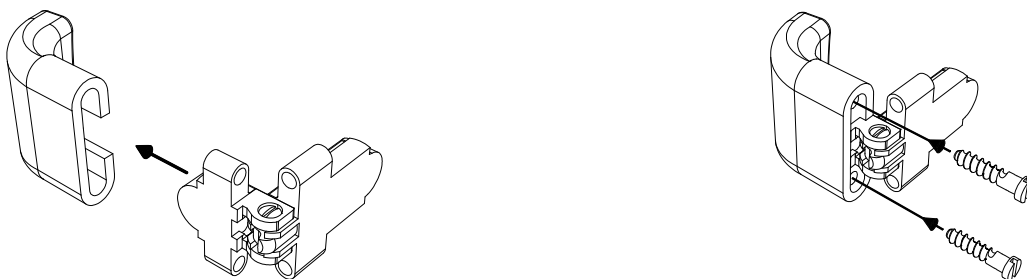


Remarks

The spring hinge is supplied closed at a 90° angle. Please do not change this position during the assembling procedure.

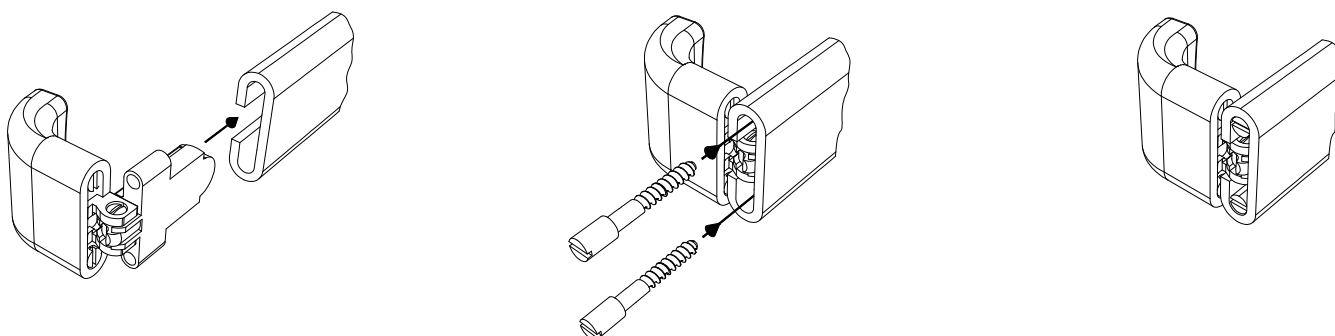
Step 1

Insert the end-piece part into the front cavity and fix it with self-threading screws.



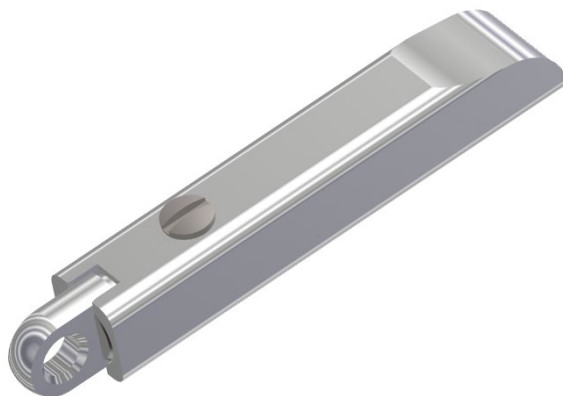
Step 2

Insert the spring element into the temple cavity and fix it with self-threading screws.



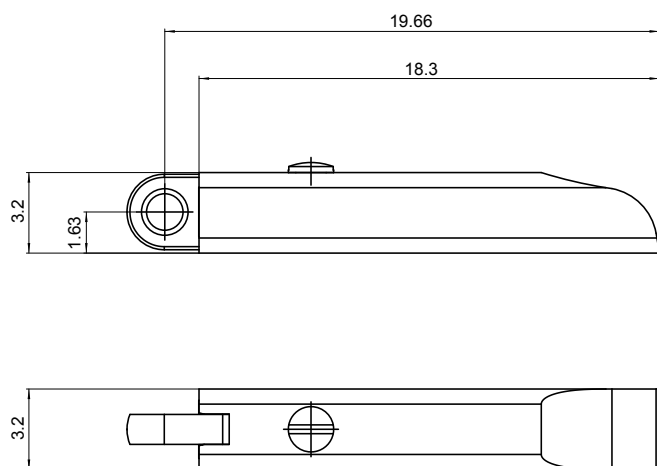


D-PLUS | soldering



SFSC22000000 | box

SFAS12400000 soft spring mechanism



• Plastic frames combinations at page n.60

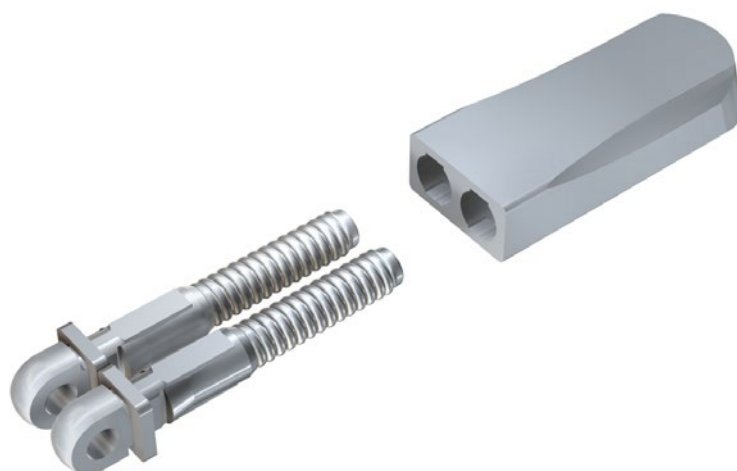
CHARACTERISTICS

- Double action spring hinge with closed bottom for soldering
- Box in nickel silver
- 0.8 mm spring mechanism in stainless steel
- Suggested for temple width up to 4 mm

Measurements expressed in mm

Drawings view  

TK 4.3 | soldering



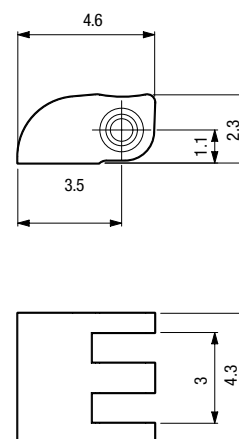
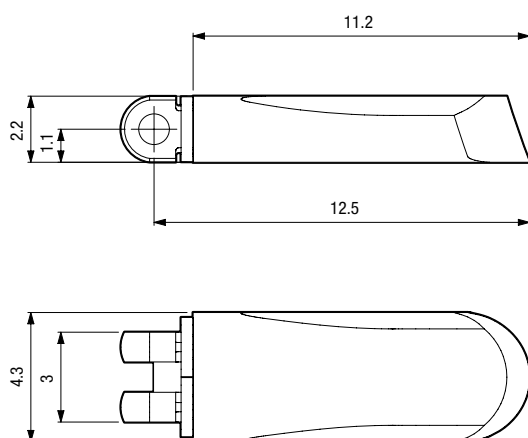
SFSC10020030 | box

SFAS10080020 soft spring mechanism (short stroke)

SFAS10080030 hard spring mechanism (long stroke)

A1CC4360 | front hinge

Screw coupling: A1VA4804 ⊕



• Plastic frames combinations at page n.61

CHARACTERISTICS

- Double action spring hinge with closed bottom laser-welding
- Box in nickel silver
- 1.0 mm spring mechanism in nickel silver
- Suggested for temple higher than 8 mm

Measurements expressed in mm

Drawings view

SPRING HINGES FOR METAL FRAMES

Y2 2.2/2.4 | soldering



SFSC08000000 | box

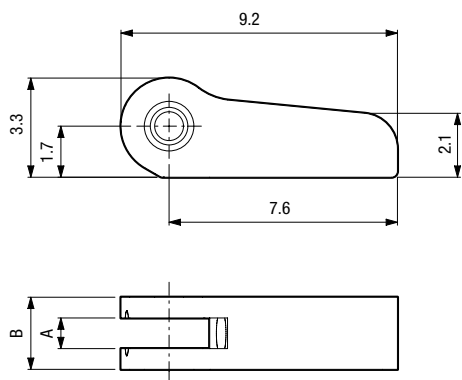
Screw coupling: A1VA2600 ⊕

A = 0,8 mm B = 2,2 mm

SFSC10000015 | box

Screw coupling: A1VA2901 ⊕

A = 1,0 mm B = 2,4 mm



A1L00025 | spring



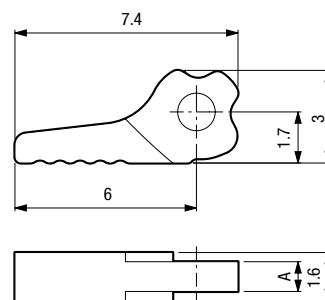
A1WSF001 | ball



A1CY0800 - A1CY1002 | front hinge

A1CY0800 A = 0,8 mm

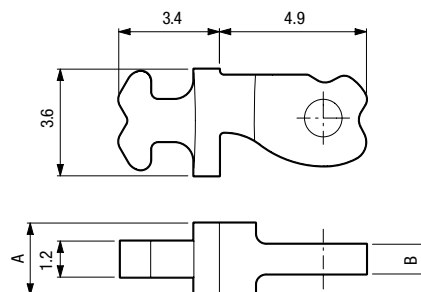
A1CY1002 A = 1,0 mm



A1F25000 - A1F25001 | front hinge

A1F25000 A = 0,8 mm B = 2,2 mm

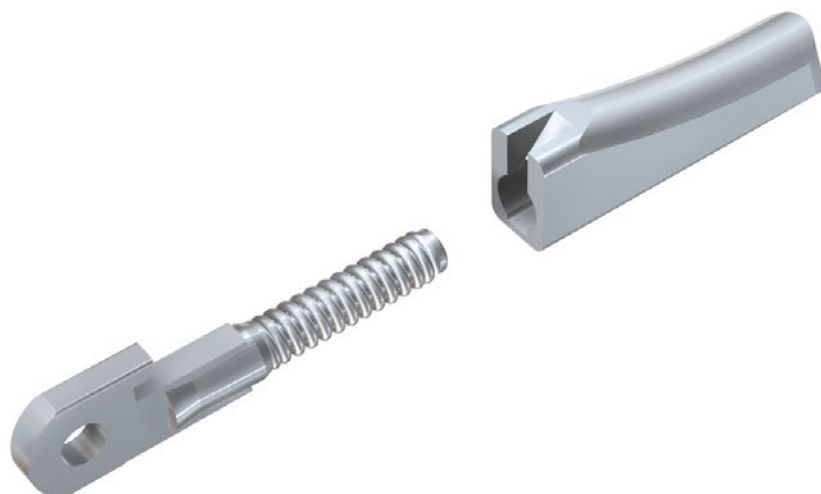
A1F25001 A = 1,0 mm B = 2,4 mm



CHARACTERISTICS

- Double action spring hinge for soldering
- Boxin nickel silver, front hinges in stainless steel
- Suggested for temple width up to 5 mm

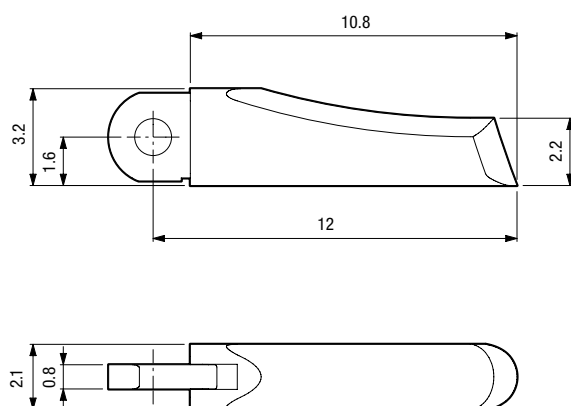
K5 2.1 | soldering



SFSC08000016 | box

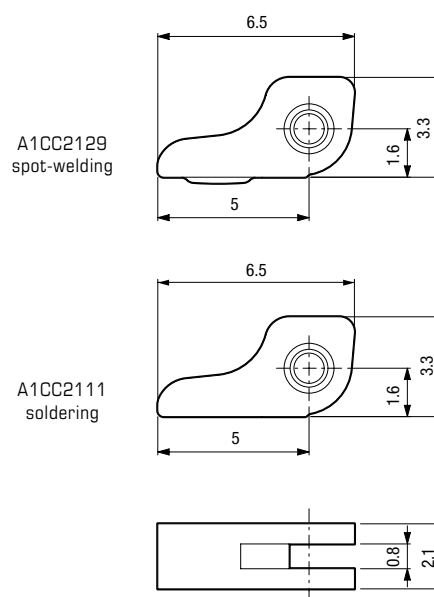
SFAS08020010 hard spring mechanism

SFAS08020000 soft spring mechanism



A1CC2129 - A1CC2111 | front hinge

Screw coupling: A1VA2600

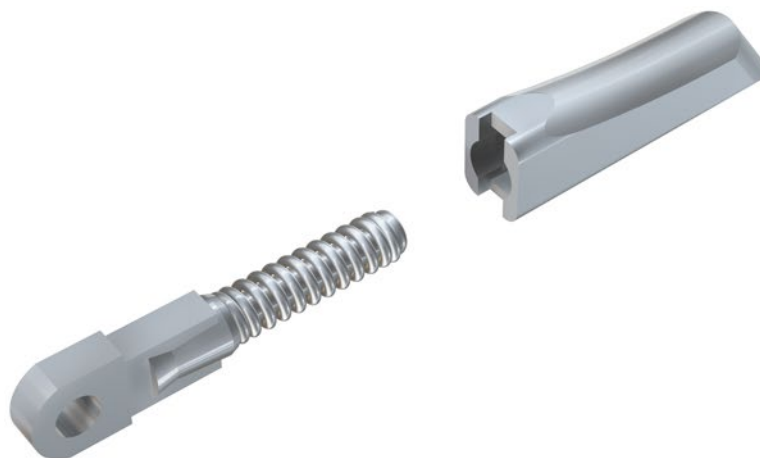


• Plastic frames combinations at page n.62 / 64 / 66

CHARACTERISTICS

- Double action spring hinge with closed bottom for soldering
- Box in nickel silver
- 0.8 mm spring mechanism in stainless steel
- Suggested for temple width up to 4 mm

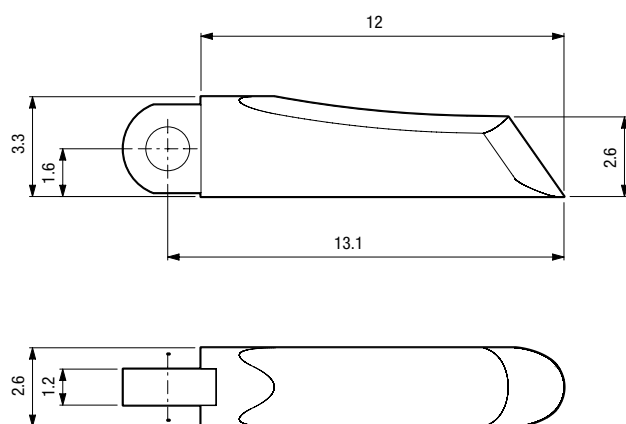
K3 2.6 | soldering



SFSC12220006 | box

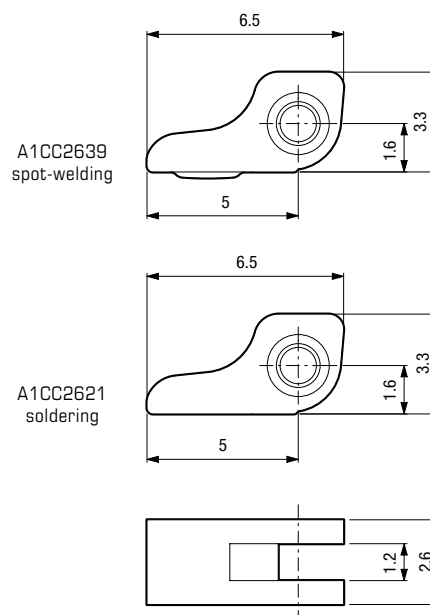
SFAS12240010 hard spring mechanism

SFAS12290010 soft spring mechanism



A1CC2639 - A1CC2621 | front hinge

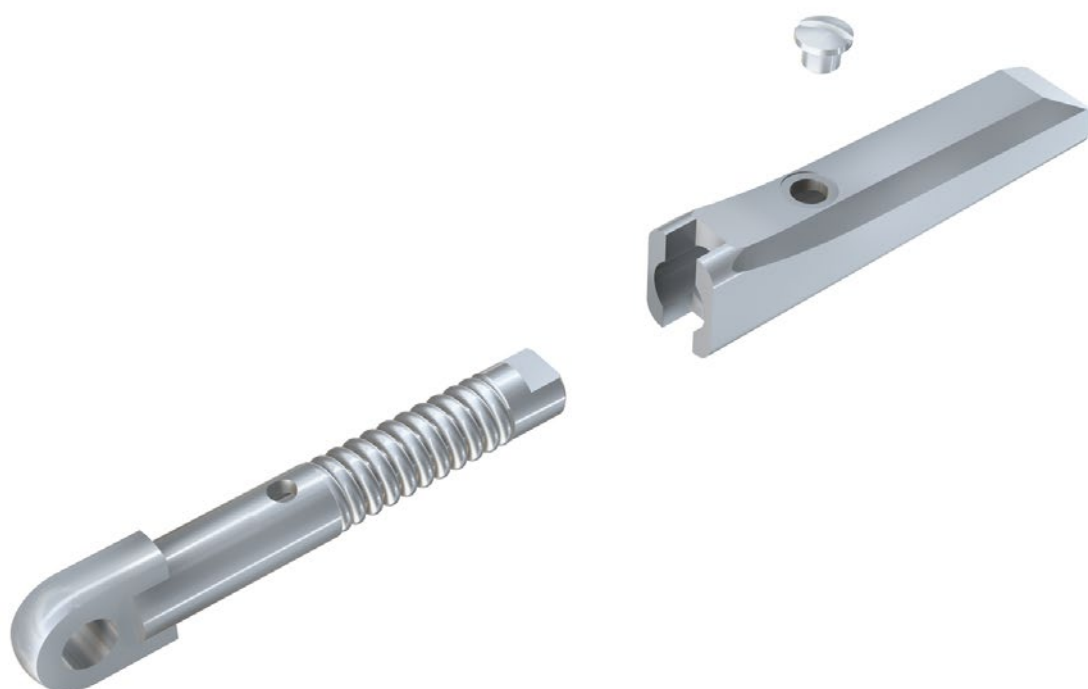
Screw coupling: A1VA3100 ⊖ | A1VX3000 ⊕



CHARACTERISTICS

- Double action spring hinge with closed bottom for soldering
- Box in nickel silver
- 1.2 mm spring mechanism in nickel silver
- Suggested for temple width up to 6 mm

KAPPA 2.6 | soldering

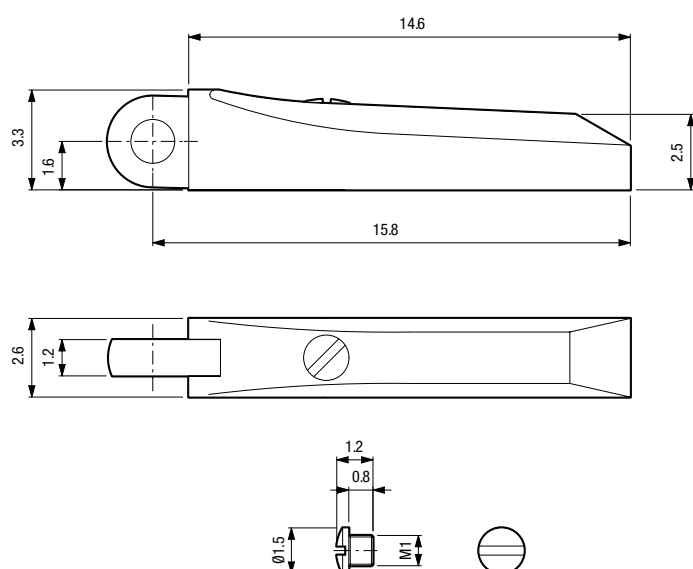


SFSC12160000 | box

SFAS12150000 hard spring mechanism

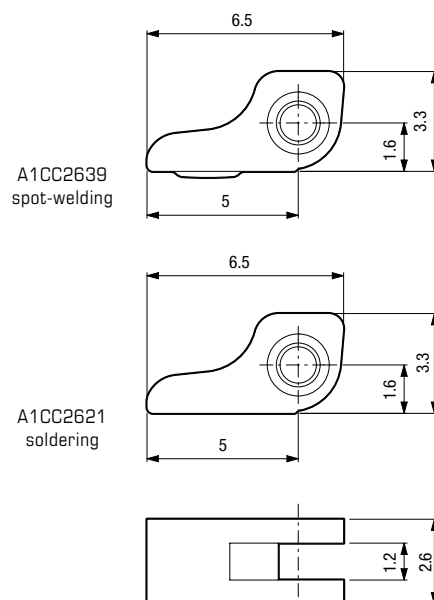
SFAS12160000 soft spring mechanism

Fixing screw: A1VF1200 ☹



A1CC2639 - A1CC2621 | front hinge

Screw coupling: A1VA3100 ☹ | A1VX3000 ☹



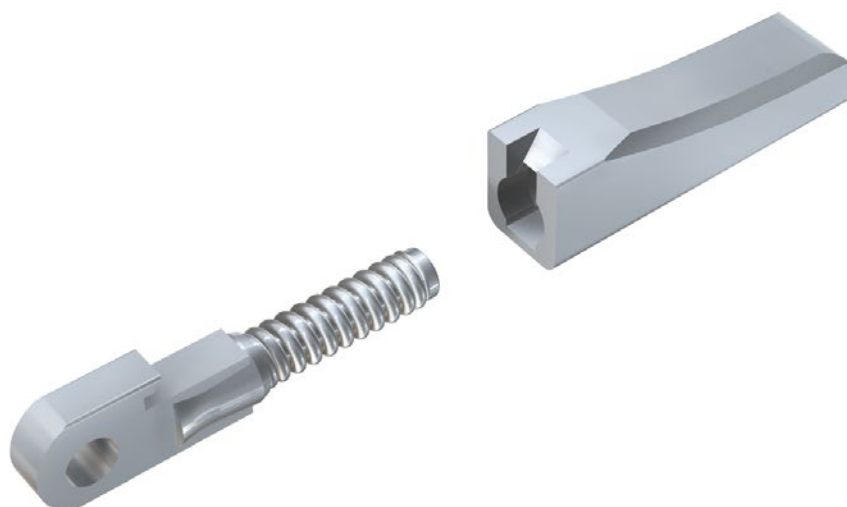
CHARACTERISTICS

- Double action spring hinge with closed bottom for soldering
- Box in nickel silver
- 1.2 mm spring mechanism in nickel silver, replaceable
- Suggested for temple width up to 6 mm

Measurements expressed in mm

Drawings view ☹ ☹

ALFA 2.8 | soldering

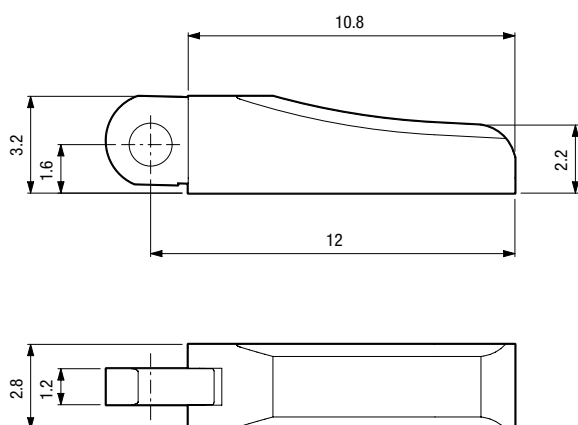


SFSC12120002 | box

SFAS12370000 soft spring mechanism (long stroke)

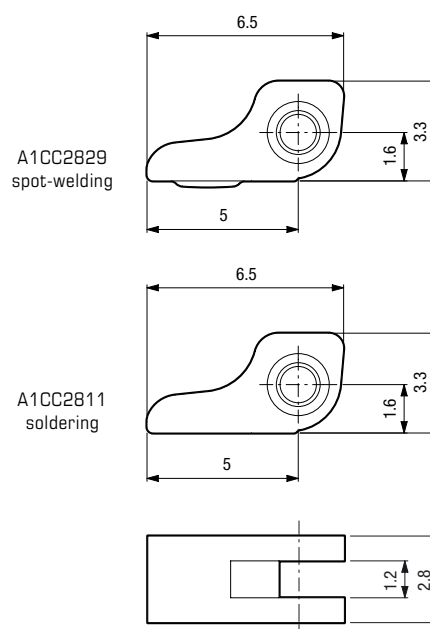
SFAS12370010 hard spring mechanism (long stroke)

SFAS12370020 hard spring mechanism (short stroke)



A1CC2829 - A1CC2811 | front hinge

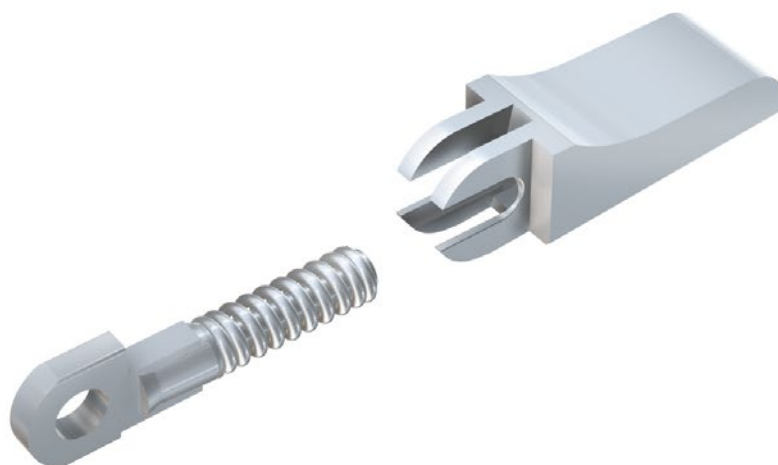
Screw coupling: A1VA3300 ⊖ | A1VX3200 ⊕



CHARACTERISTICS

- Double action spring hinge with closed bottom for soldering
- Box in nickel silver
- 1.2 mm spring mechanism in nickel silver
- Suggested for temple width up to 8 mm

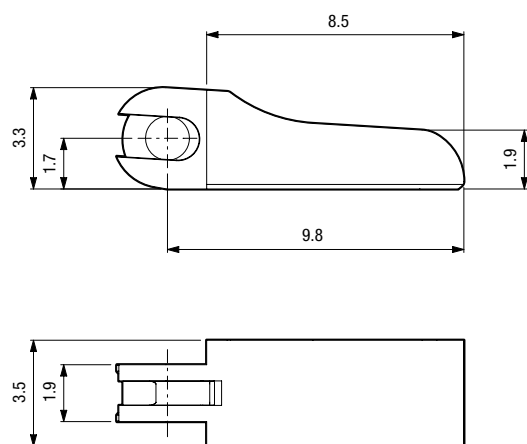
SMART 3.5 | soldering



SFSC1900000 | box

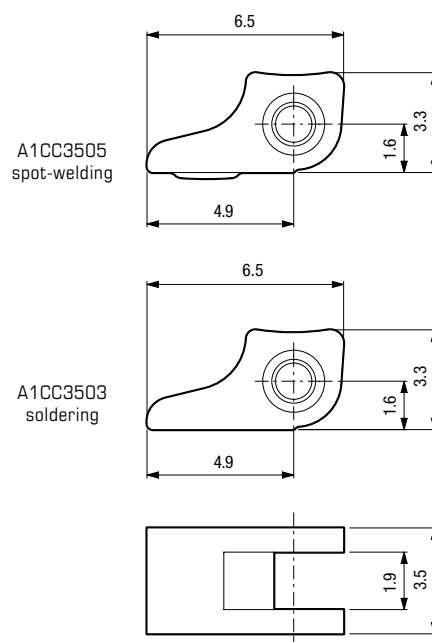
SFAS08050000 hard spring mechanism

SFAS08050010 soft spring mechanism



A1CC3505 - A1CC3503 | front hinge

Screw coupling: A1VA4003 ⊖ | A1VX3800 ⊕

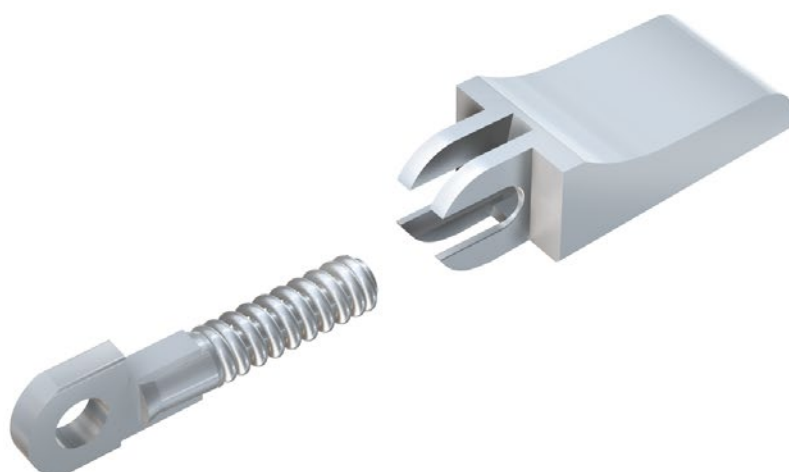


• Plastic frames combinations at page n.68

CHARACTERISTICS

- Double action spring hinge with open bottom for soldering
- Smart anti-rocking system
- Box in nickel silver
- 0.8 mm spring mechanism in stainless steel
- Suggested for temple width up to 15 mm

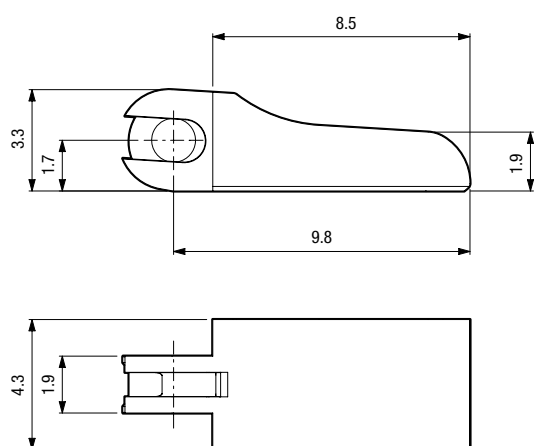
SMART 4.3 | soldering



SFSC19020000 | box

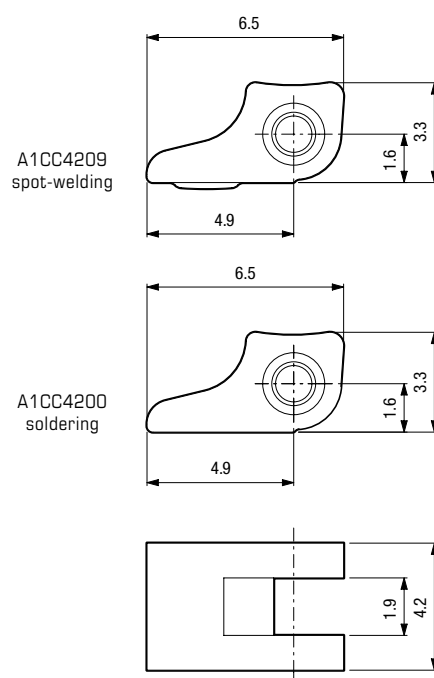
SFAS19020000 hard spring mechanism

SFAS19020010 soft spring mechanism



A1CC4209 - A1CC4200 | front hinge

Screw coupling: A1VA4700 ⊖ | A1VX4503 ⊕

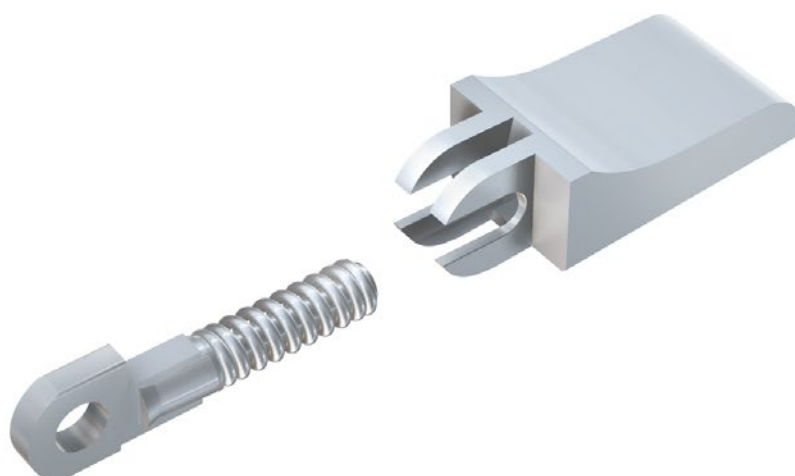


• Plastic frames combinations at page n.70

CHARACTERISTICS

- Double action spring hinge with open bottom for soldering
- Smart anti-rocking system
- Box in nickel silver
- 0.8 mm spring mechanism in stainless steel
- Suggested for temple width higher than 10 mm

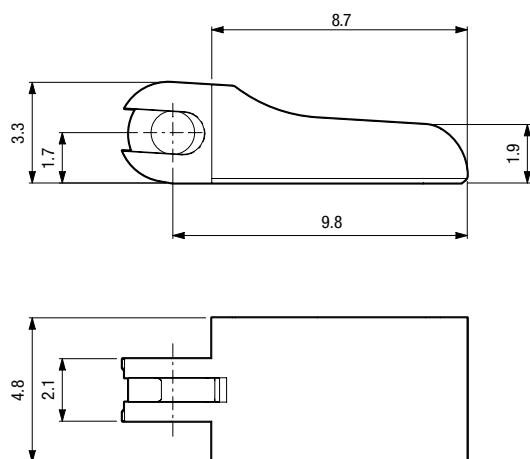
SMART 4.8 | soldering



SFSC21010000 | box

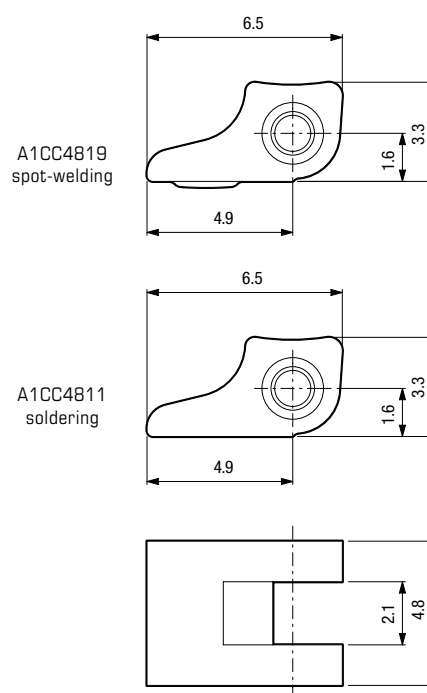
SFAS08050000 hard spring mechanism

SFAS08050010 soft spring mechanism



A1CC4819 - A1CC4811 | front hinge

Screw coupling: A1VA5300 ⊖ | A1VX5100 ⊕

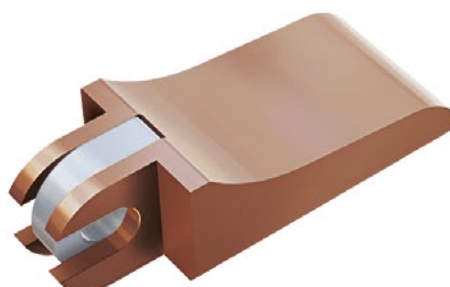


• Plastic frames combinations at page n.72

CHARACTERISTICS

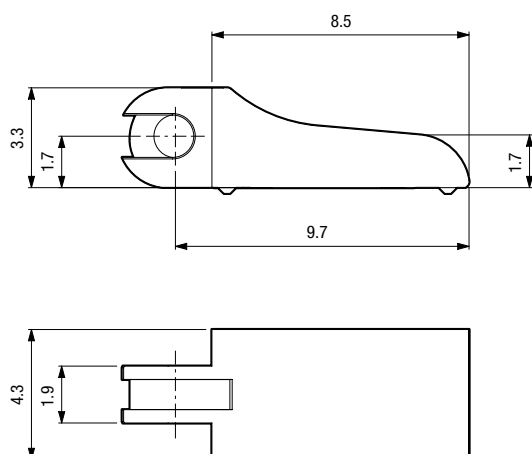
- Double action spring hinge with open bottom for soldering
- Smart anti-rocking system
- Box in nickel silver
- 0.8 mm spring mechanism in stainless steel
- Suggested for temple width higher than 15 mm

SMART 4.3 | spot-welding



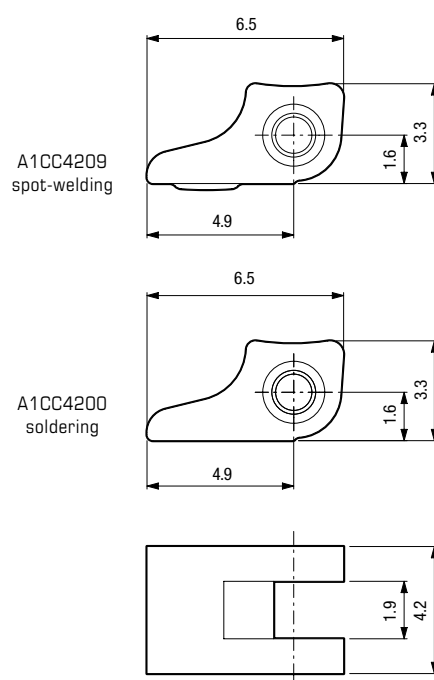
SFAS19020000 | hard spring hinge

SFAS19020010 | soft spring hinge



A1CC4209 - A1CC4200 | front hinge

Screw coupling: A1VA4700 ⊖ | A1VX4503 ⊕

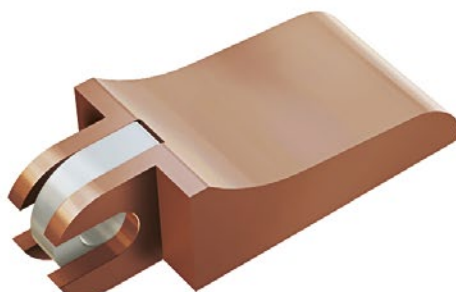


• Plastic frames combinations at page n.70

CHARACTERISTICS

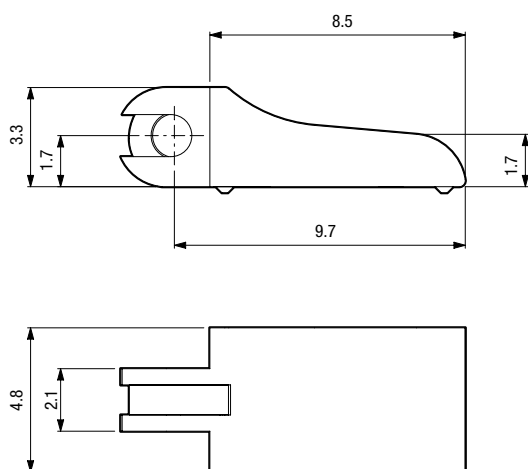
- Pre-assembled spring hinge for spot-welding with open bottom
- Box in bronze
- 1.0 mm spring mechanism in nickel silver
- Suggested for temple width up to 15 mm

SMART 4.8 | spot-welding



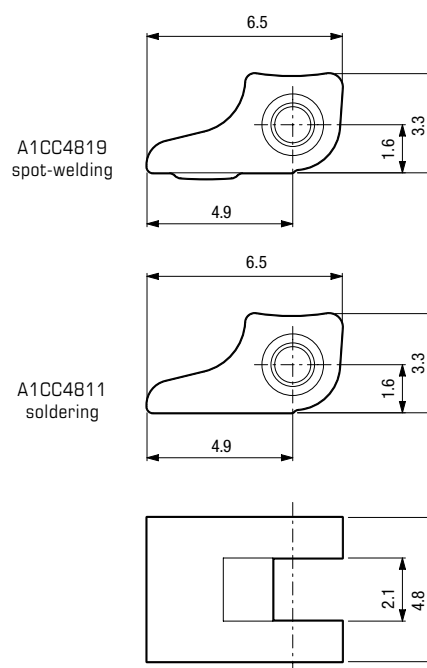
SFAS21000000 | hard spring hinge

SFAS21000010 | soft spring hinge



A1CC4819 - A1CC4811 | front hinge

Screw coupling: A1VA5300 ⊖ | A1VX5100 ⊕

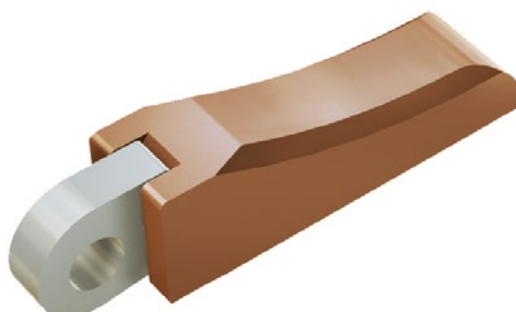


• Plastic frames combinations at page n.72

CHARACTERISTICS

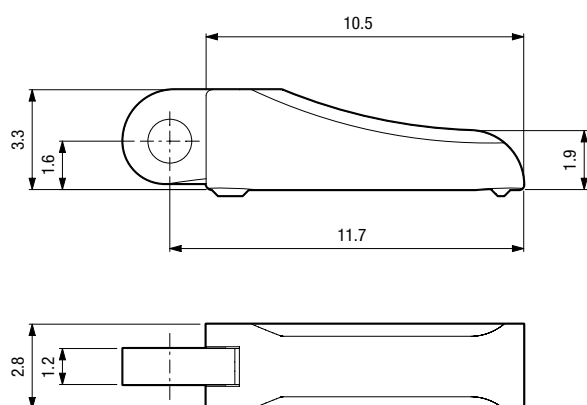
- Pre-assembled spring hinge for spot-welding with open bottom
- Smart anti-rocking system
- Box in bronze
- 1.0 mm spring mechanism in nickel silver
- Suggested for temple width higher than 15 mm

MICRA 2.8 | spot-welding



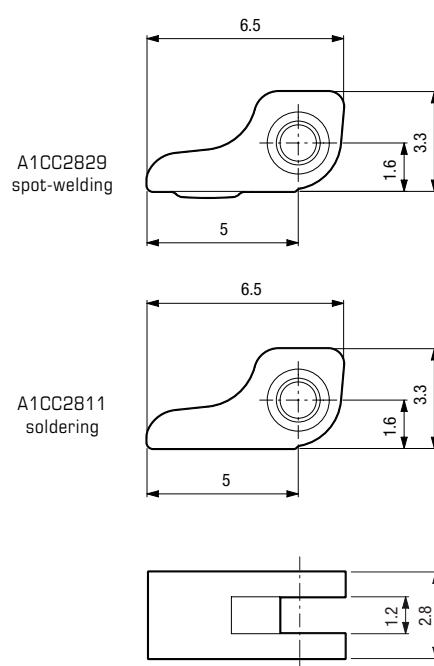
SFAS12180010 | hard spring hinge

SFAS12180020 | soft spring hinge



A1CC2829 - A1CC2811 | front hinge

Screw coupling: A1VA3300 ⊖ | A1VX3200 ⊕

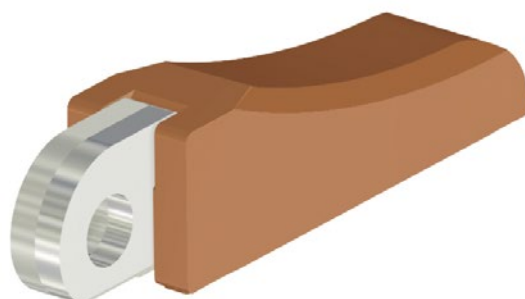


• Plastic frames combinations at page n.74 / 76

CHARACTERISTICS

- Pre-assembled spring hinge for spot-welding with open bottom
- Box in bronze
- 1.2 mm spring mechanism in nickel silver
- Suggested for temple width up to 8 mm

SUPER MICRA 2.8 | spot-welding

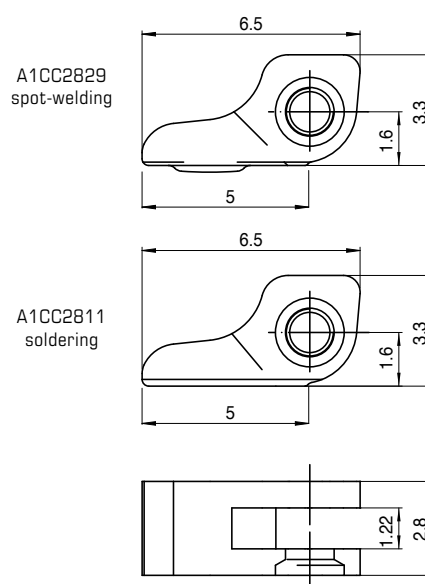
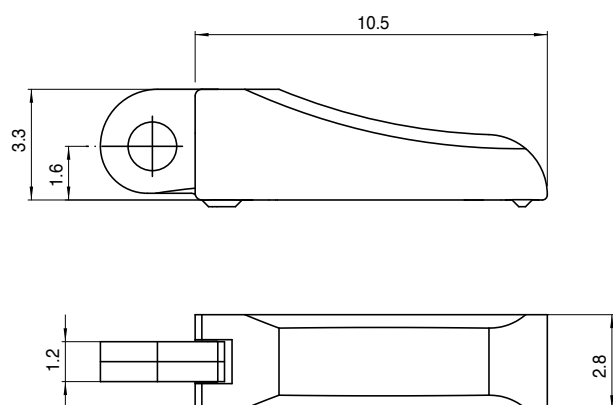


SFAS12180100 | hard spring hinge

SFAS12180110 | soft spring hinge

A1CC2829 - A1CC2811 | front hinge

Screw coupling: A1VA3300 ⊖ | A1VX3200 ⊕

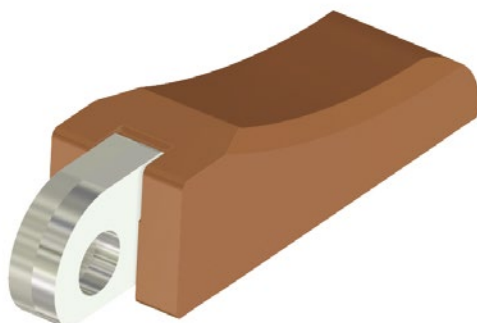


• Plastic frames combinations at page n.78 / 79

CHARACTERISTICS

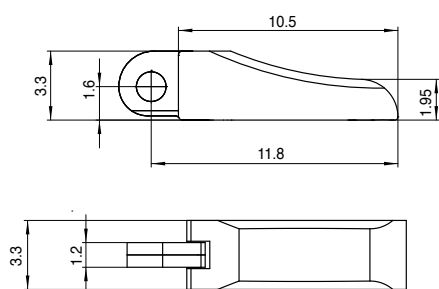
- Pre-assembled spring hinge for spot-welding with open bottom
- Box in bronze
- 1.2 mm spring mechanism in nickel silver
- Suggested for temple width up to 8 mm

SUPER MICRA 3.3 | spot-welding



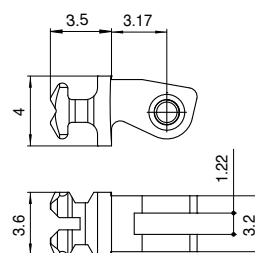
SFAS12180200 | hard spring hinge

SFAS12180210 | soft spring hinge

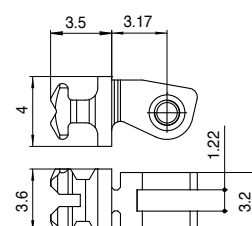


A1CC2829 - A1CC2811 | front hinge

Screw coupling: A1VA3300 ⊖ | A1VX3200 ⊕



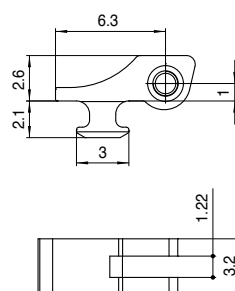
A1F81000
for injection moulded frame



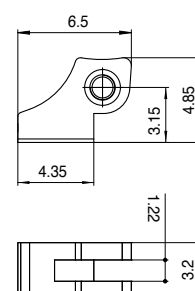
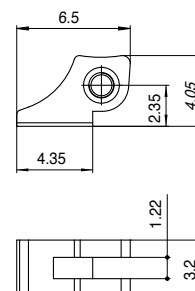
A1F81001
for sheet stock frame

A1F82000

SC1B32CSB010 - SC1B32CSB000



A1F82000

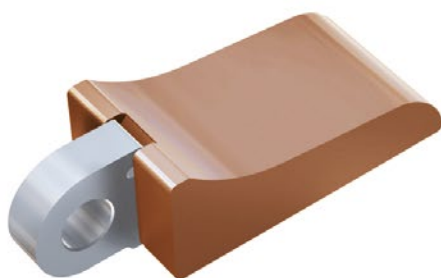


• Plastic frames combinations at page n.80 / 81

CHARACTERISTICS

- Pre-assembled spring hinge for spot-welding with open bottom
- Box in bronze
- 1.2 mm spring mechanism in nickel silver
- Suggested for temple width up to 8 mm

OMEGA 4.3 | spot-welding

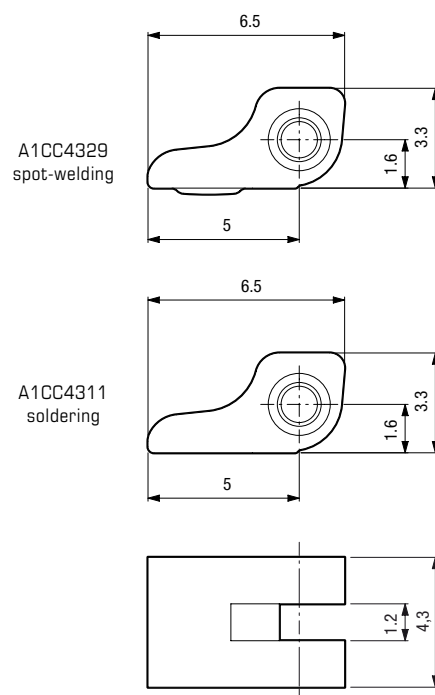
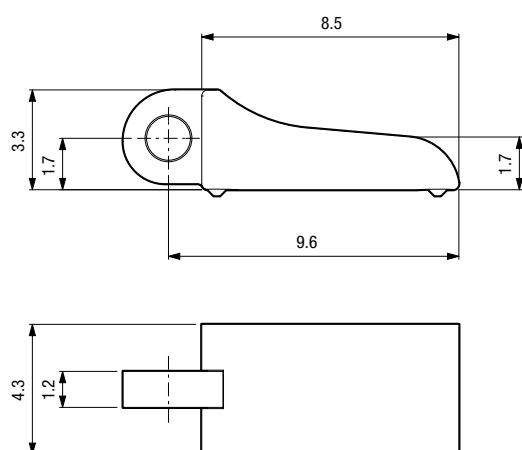


SFAS12220010 | hard spring hinge

SFAS12220011 | soft spring hinge

A1CC4329 - A1CC4311 | front hinge

Screw coupling: A1VA4800 ⊖ | A1VX4800 ⊕



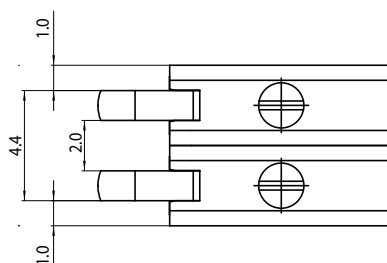
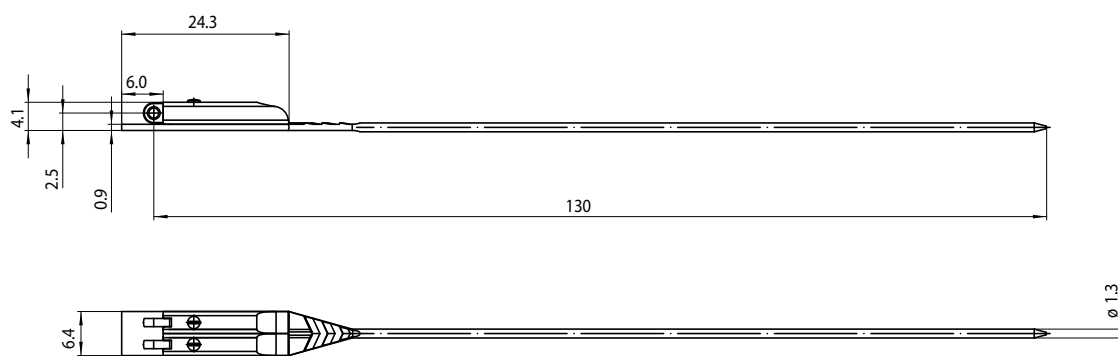
• Plastic frames combinations at page n.82

CHARACTERISTICS

- Pre-assembled spring hinge for spot-welding with open bottom
- Box in bronze
- 1.2 mm spring mechanism in nickel silver
- Suggested for temple width up to 15 mm



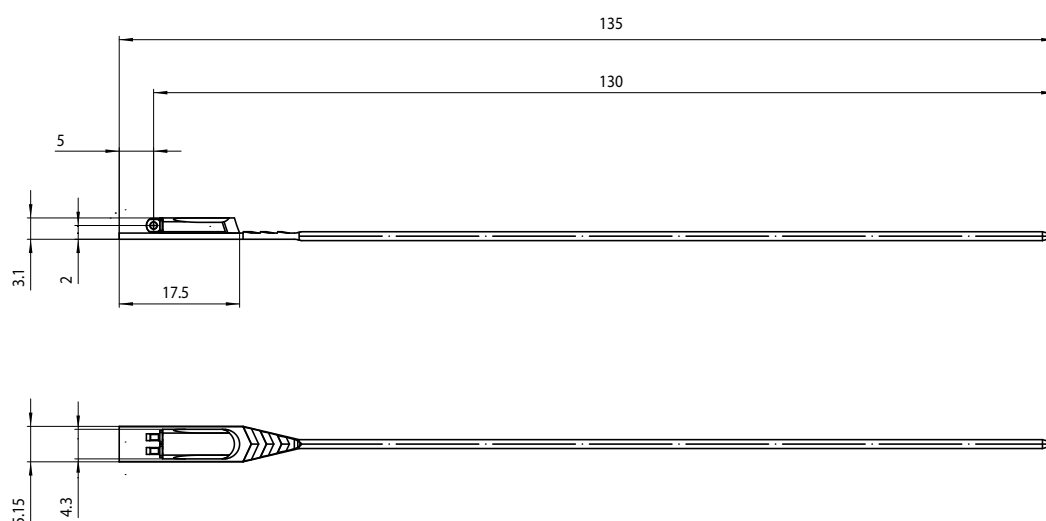
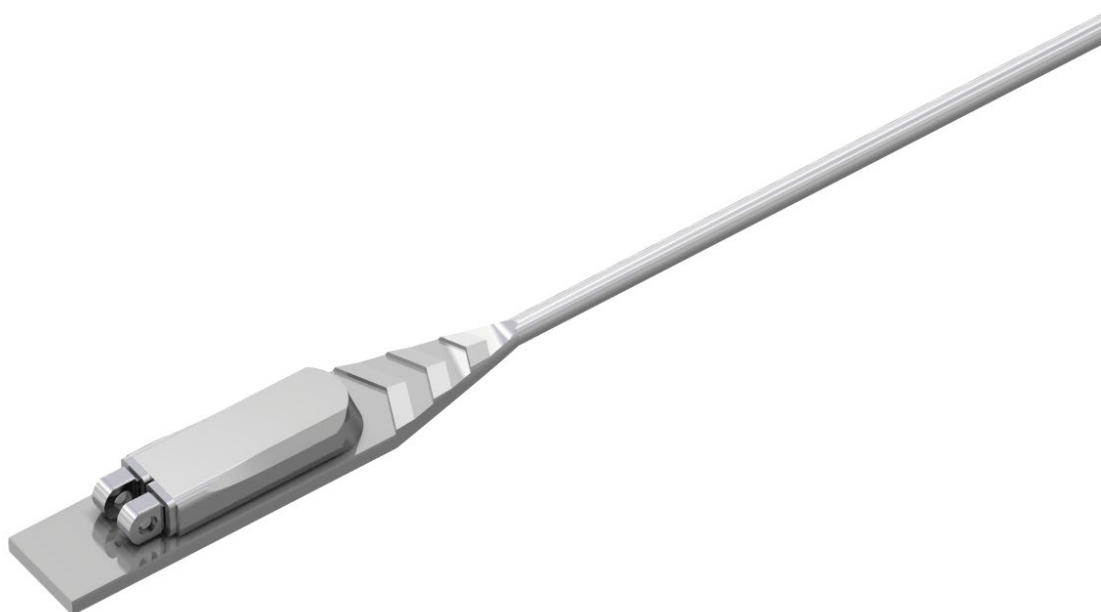
B1014 | with D-PLUS



CODE	LENGTH	CHARACTERISTICS
SB1G10140000	130	• Material nickel silver • Spring hinge with anti-rocking system • Suggested for temple width over 8mm • Spring mechanism replaceable • Available version with single box

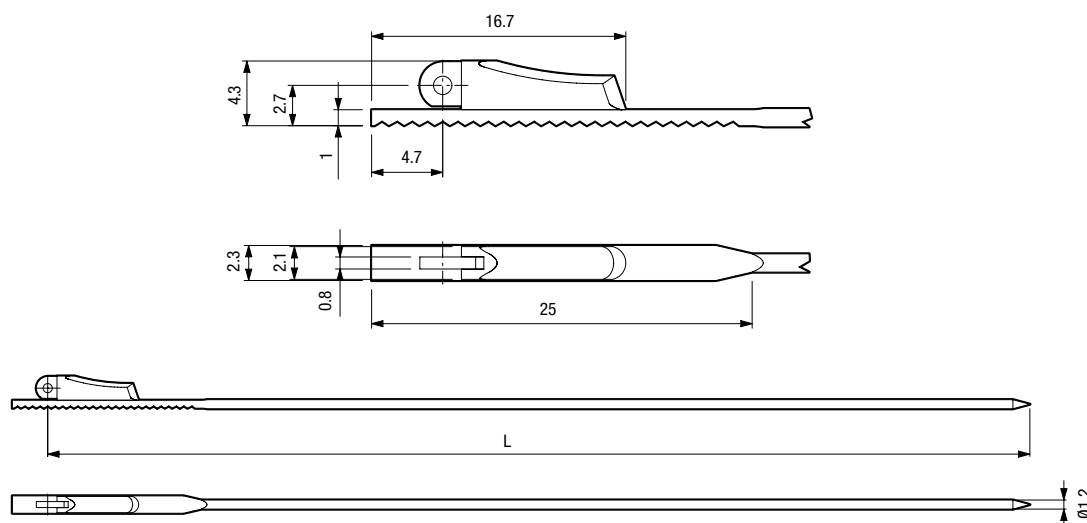
SPRING HINGES FOR PLASTIC FRAMES

B920-84 | with TK 4-3



CODE	LENGTH	CHARACTERISTICS
Soft spring hinge (long stroke) SB1G920T0001	130	• Material nickel silver • Double action spring hinge with closed bottom laser-welding • 1.0 mm spring mechanism in nickel silver • Suggested for temple higher than 8 mm
Soft spring hinge (short stroke) SB1G920T0001	130	

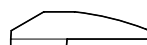
B940-55 | with K5 2.1 spring hinge



CODE	LENGTH
SB1G940K5050	110
SB1G940K5051	115
SB1G940K5052	120
SB1G940K5053	125
SB1G940K5054	130
SB1G940K5055	135
SB1G940K5056	145

CHARACTERISTICS

- Material nickel silver
- Suggested for temple width up to 6 mm
- Tumbling cap code A1WC0015



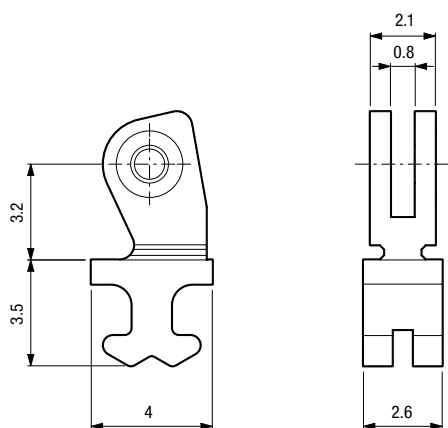
SPRING HINGES FOR PLASTIC FRAMES

Combinations [B940-51]

A1F29000 | 90° front hinge

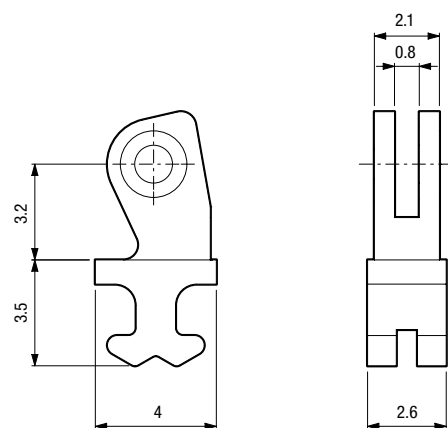
Screw coupling: A1VA2903 ⊕

Max. suggested bending +/- 10°



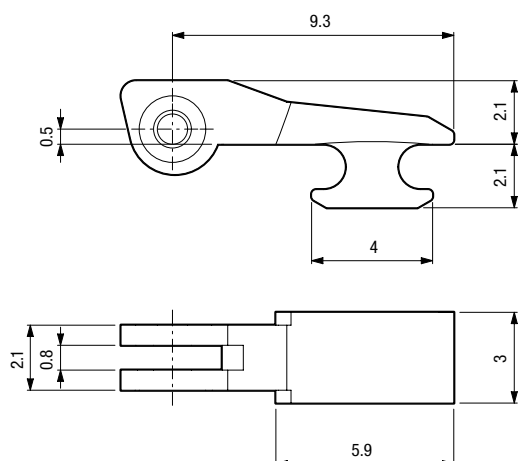
A1F29001 | 90° front hinge

Screw coupling: A1VA2903 ⊕



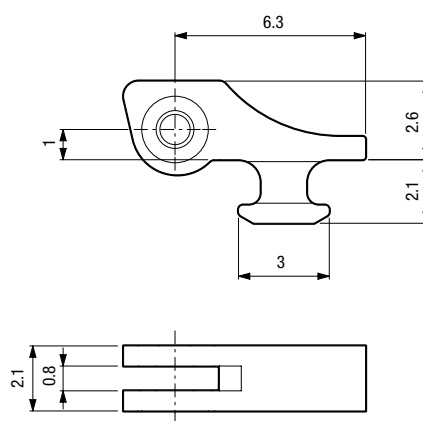
A1F22009 | 180° front hinge

Screw coupling: A1VA2903 ⊕



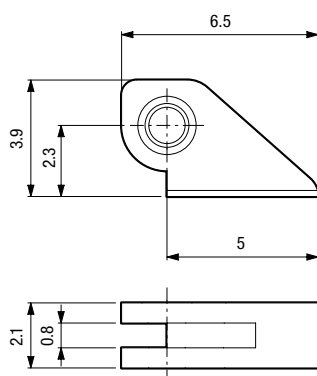
A1F33004 | 180° front hinge

Screw coupling: A1VA2903 ⊕



SC1B21CSB000 | step hinge

Screw coupling: A1VA2600 ⊕

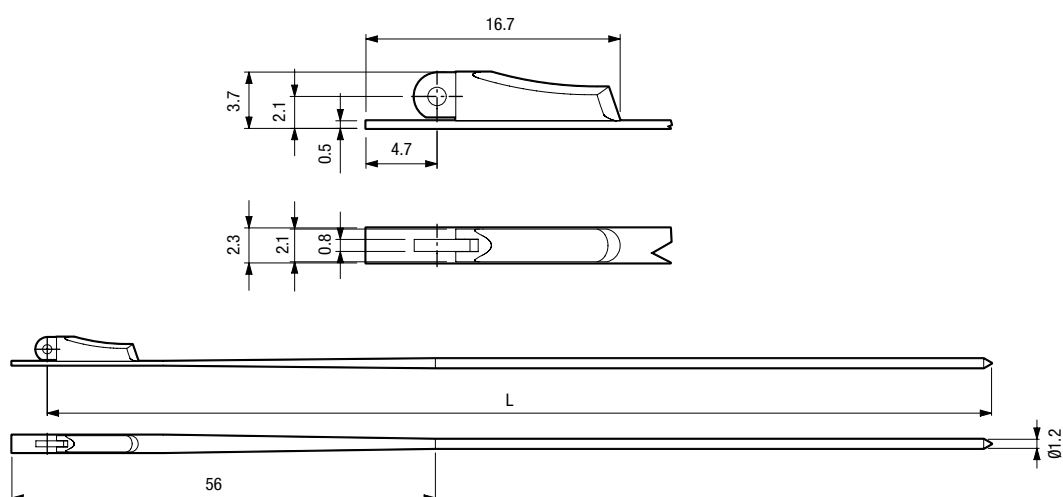


CHARACTERISTICS • Material nickel silver

Measurements expressed in mm

Drawings view

B944-50 | with K5 2.1 spring hinge



CODE	LENGTH	CHARACTERISTICS
SB1G944K5000	125	• Material stainless steel • Suggested for temple width up to 6 mm • Tumbling cap code A1WC0015 
SB1G944K5001	130	
SB1G944K5002	135	

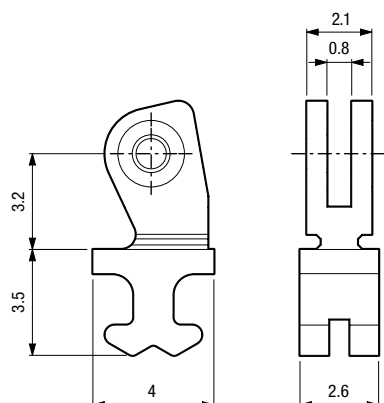
SPRING HINGES FOR PLASTIC FRAMES

Combinations [B944-50]

A1F29000 | 90° front hinge

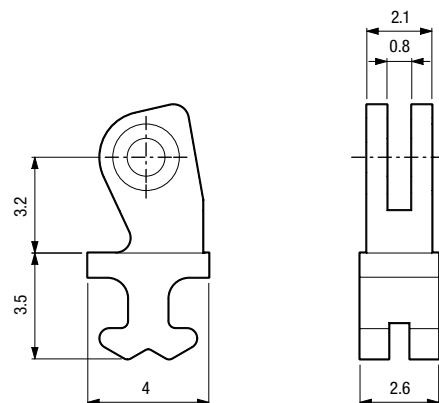
Screw coupling: A1VA2903 ⊖

Max. suggested bending +/- 15°



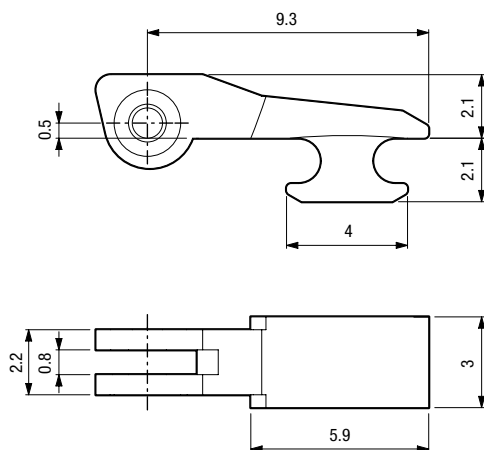
A1F29001 | 90° front hinge

Screw coupling: A1VA2903 ⊖



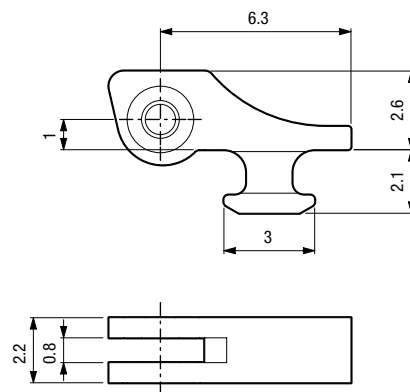
A1F22009 | 180° front hinge

Screw coupling: A1VA2903 ⊖



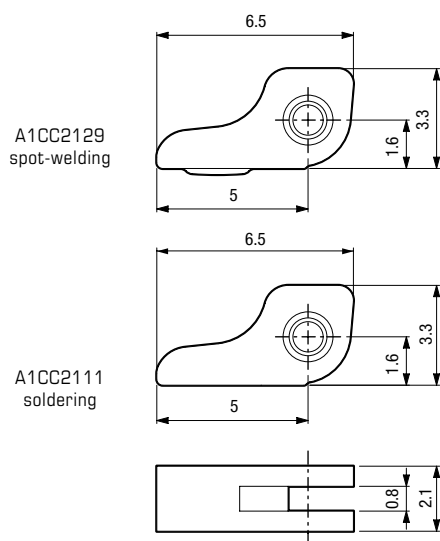
A1F33004 | 180° front hinge

Screw coupling: A1VA2903 ⊖



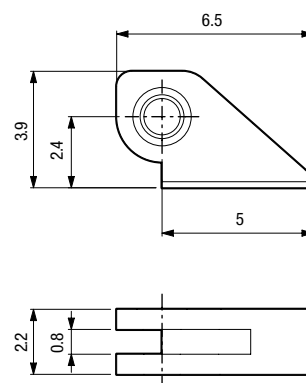
A1CC2129 - A1CC2111 | front hinge

Screw coupling: A1VA2600 ⊖



SC1B21CSB000 | step hinge

Screw coupling: A1VA2600 ⊖

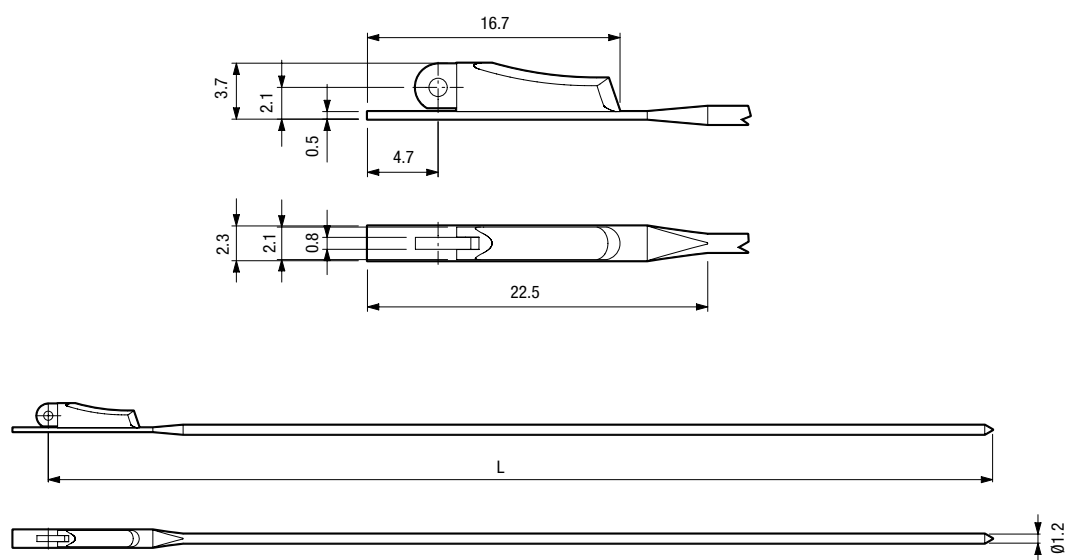
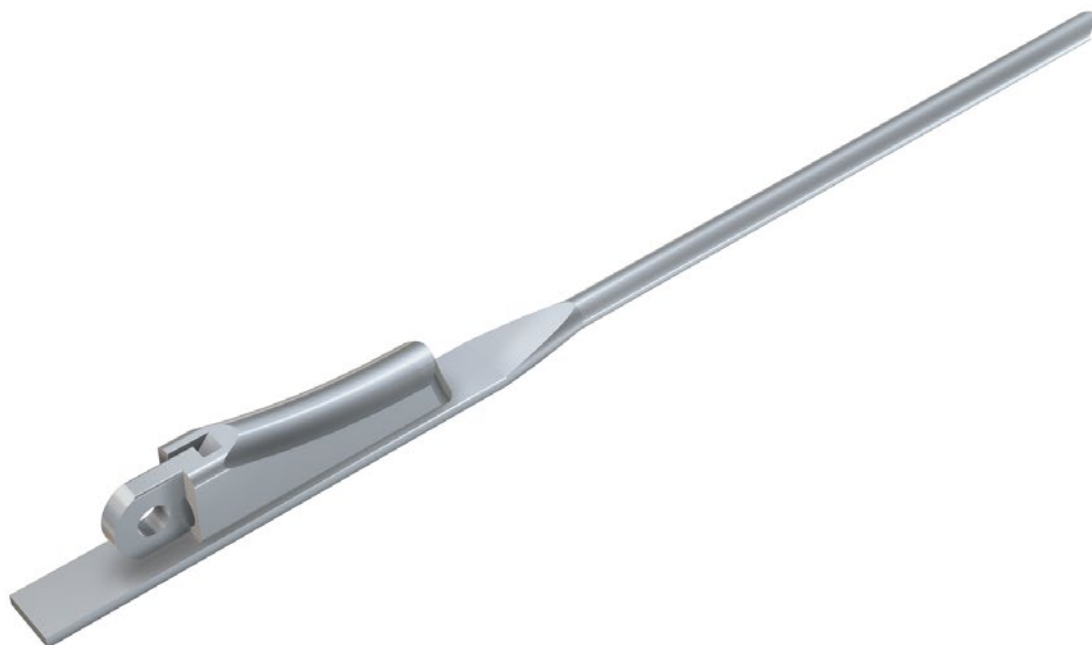


CHARACTERISTICS • Material nickel silver

Measurements expressed in mm

Drawings view

B945-50 | with K5 2.1 spring hinge



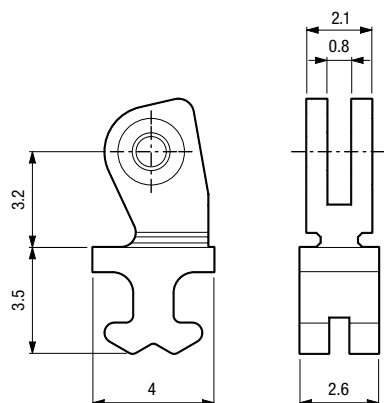
CODE	LENGTH	CHARACTERISTICS
SB1G945K5000	125	• Material stainless steel • Suggested for temple width up to 6 mm • Tumbling cap code A1WC0015 
SB1G945K5001	130	
SB1G945K5002	135	

Combinations [B945-50]

A1F29000 | 90° front hinge

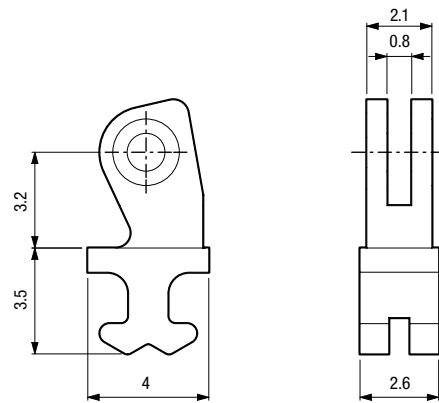
Screw coupling: A1VA2903 ⊕

Max. suggested bending +/- 15°



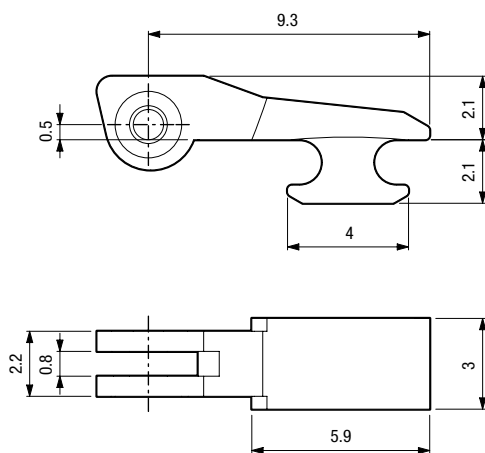
A1F29001 | 90° front hinge

Screw coupling: A1VA2903 ⊕



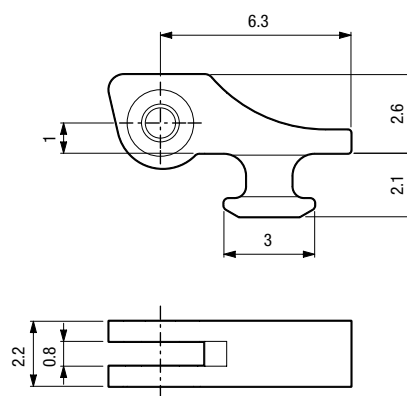
A1F22009 | 180° front hinge

Screw coupling: A1VA2903 ⊕



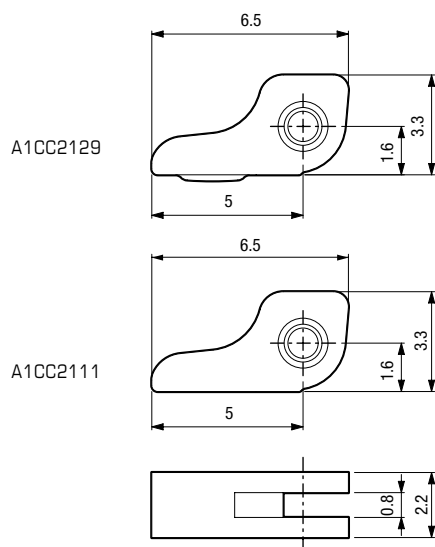
A1F33004 | 180° front hinge

Screw coupling: A1VA2903 ⊕



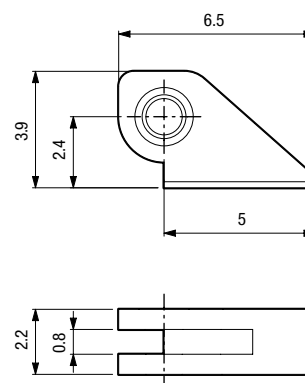
A1CC2129 - A1CC2111 | front hinge

Screw coupling: A1VA2600 ⊕



SC1B21CSB000 | step hinge

Screw coupling: A1VA2600 ⊕



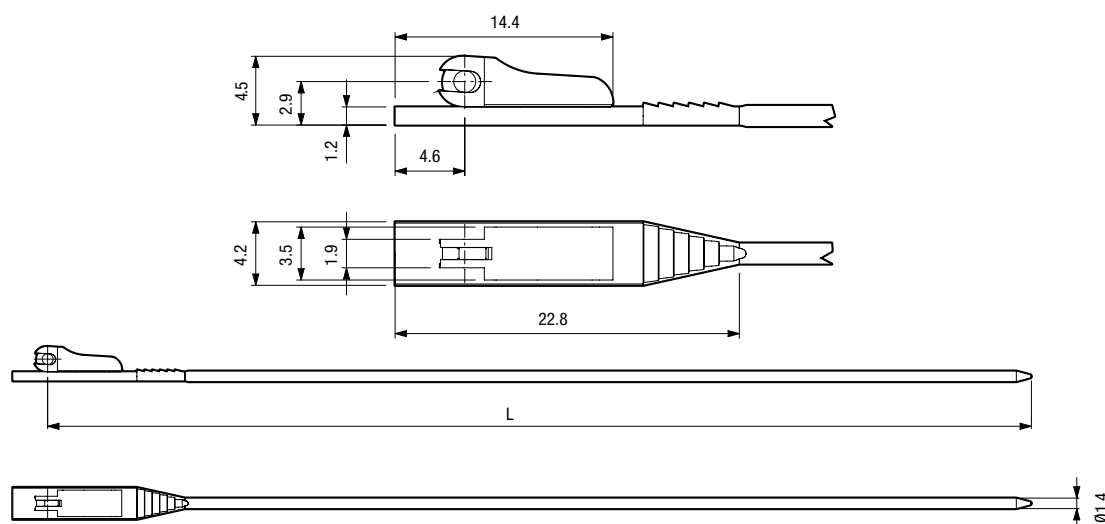
CHARACTERISTICS • Material nickel silver

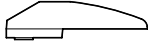
Measurements expressed in mm

Drawings view

SPRING HINGES FOR PLASTIC FRAMES

B972-50 | (soft spring hinge) | with SMART 3.5
B972-52 | (hard spring hinge)



CODE	LENGTH	CHARACTERISTICS
Soft spring hinge (long stroke)		• Material nickel silver • Spring hinge with anti-rocking system • Suggested for temple width between 10 and 15 mm • Tumbling cap code A1WC0021 
SB1G972S0001	115	
SB1G972S0002	120	
SB1G972S0003	125	
SB1G972S0004	130	
SB1G972S0005	135	
Hard spring hinge (long stroke)		
SB1G972S0013	125	
SB1G972S0014	130	
SB1G972S0015	135	
SB1G972S0006	140	

Measurements expressed in mm

Drawings view  

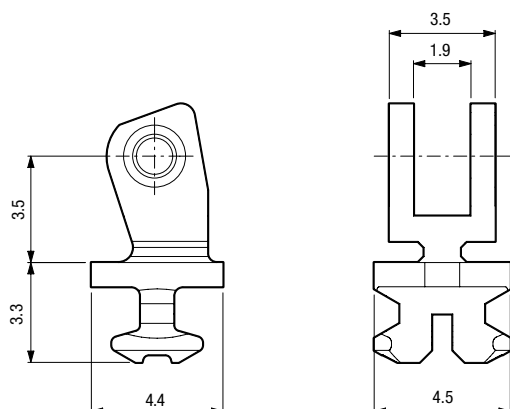
SPRING HINGES FOR PLASTIC FRAMES

Combinations [B972-50]

A1F47000 | 90° front hinge

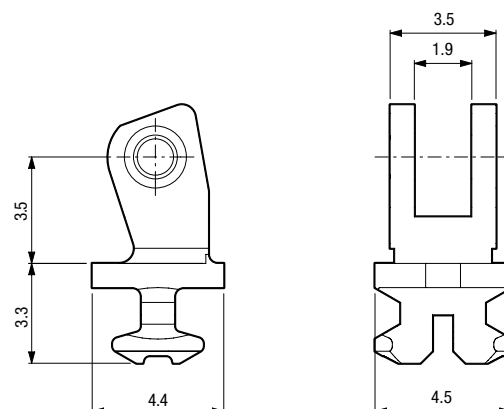
Screw coupling: A1VA4003 ⊖ | A1VX3800 ⊕

Max. suggested bending +/- 15°



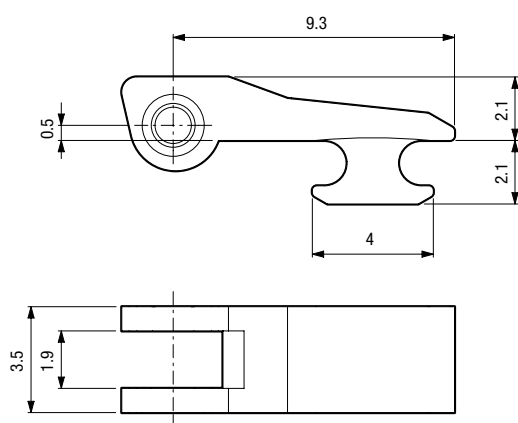
A1F47001 | 90° front hinge

Screw coupling: A1VA4003 ⊖ | A1VX3800 ⊕



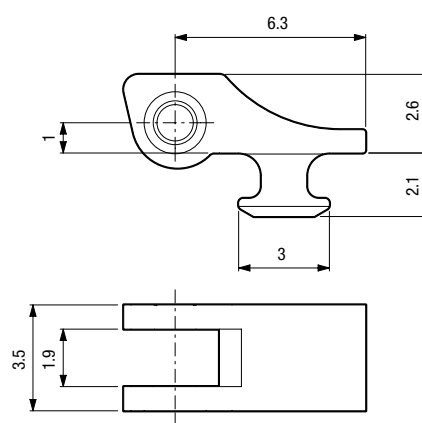
A1F49000 | 180° front hinge

Screw coupling: A1VA4003 ⊖ | A1VX3800 ⊕



A1F48000 | 180° front hinge

Screw coupling: A1VA4003 ⊖ | A1VX3800 ⊕

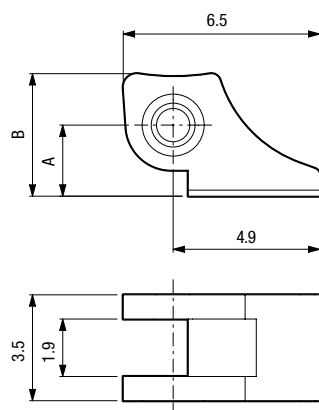


SC1B35CSB020 - SC1B35CSB030 | step hinge

Screw coupling: A1VA4003 ⊖ | A1VX3800 ⊕

SC1B35CSB020 A = 3,2 mm B = 4,9 mm

SC1B35CSB030 A = 2,3 mm B = 4,0 mm

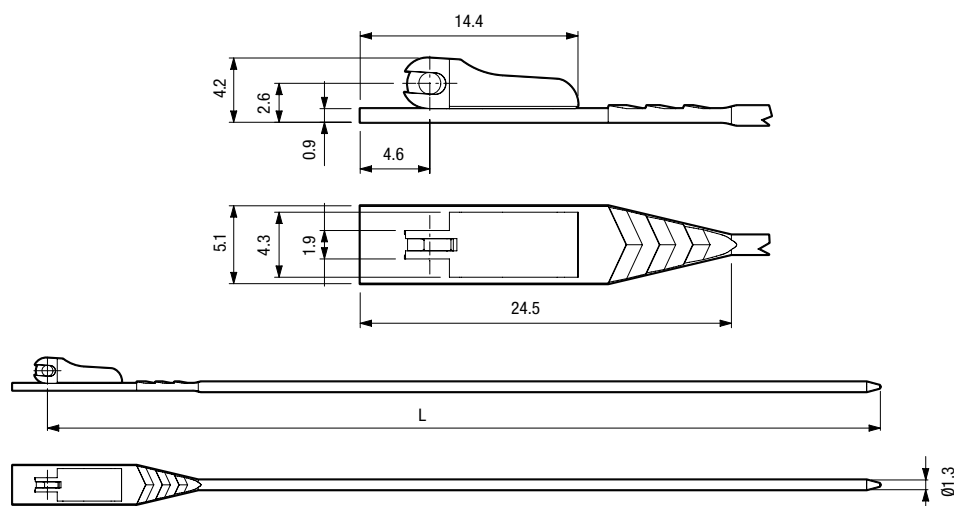
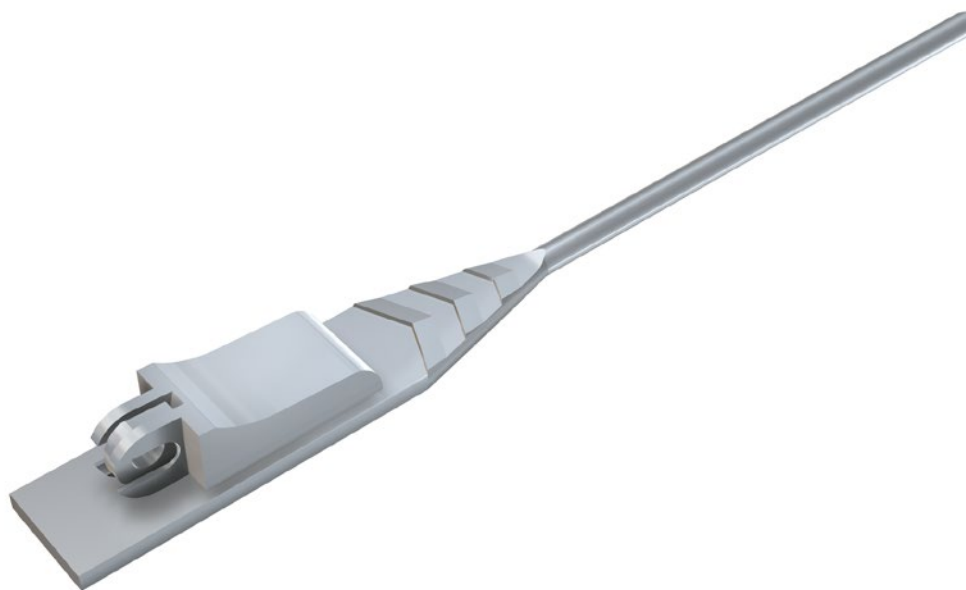


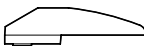
CHARACTERISTICS • Material nickel silver

Measurements expressed in mm

Drawings view

B920-71 | with SMART 4.3 spring hinge



CODE	LENGTH	CHARACTERISTICS
SB1G920S0011	115	• Material nickel silver • Spring hinge with anti-rocking system • Suggested for temple width higher than 10 mm • Tumbling cap code A1WC0024 
SB1G920S0012	120	
SB1G920S0013	125	
SB1G920S0014	130	
SB1G920S0015	135	
SB1G920S0016	140	

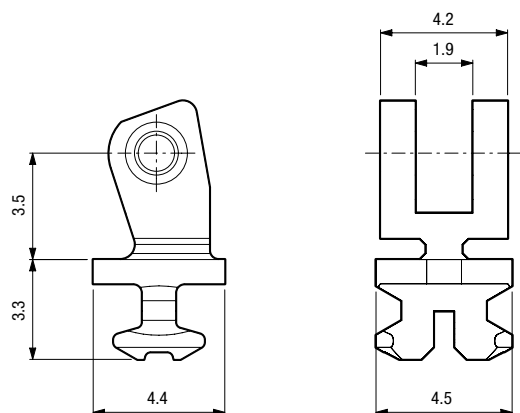
SPRING HINGES FOR PLASTIC FRAMES

Combinations [B920-71]

A1F50000 | 90° front hinge

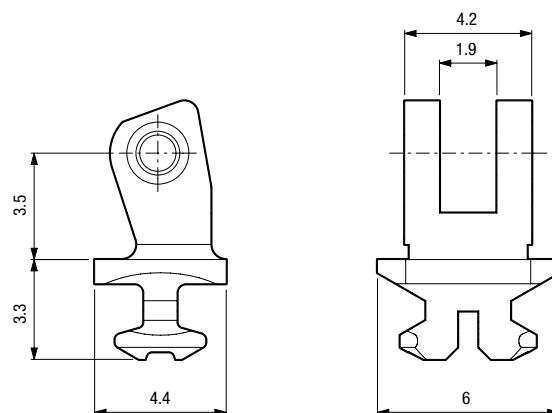
Screw coupling: A1VA4700 ⊖ | A1VX4503 ⊕

Max. suggested bending +/- 15°



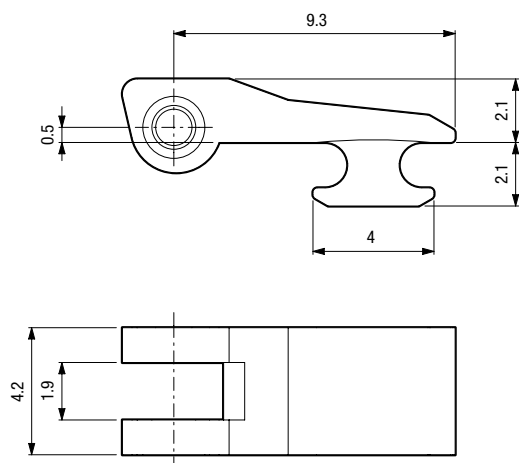
A1F50001 | 90° front hinge

Screw coupling: A1VA4700 ⊖ | A1VX4503 ⊕



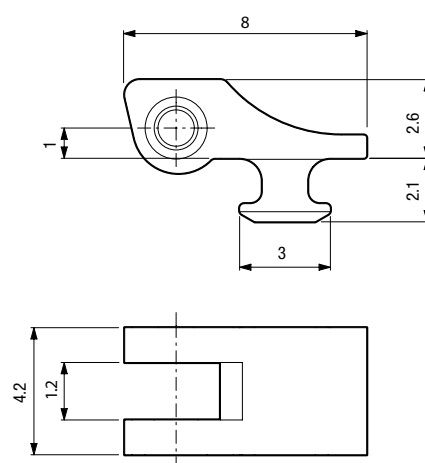
A1F52000 | 180° front hinge

Screw coupling: A1VA4700 ⊖ | A1VX4503 ⊕



A1F51000 | 180° front hinge

Screw coupling: A1VA4700 ⊖ | A1VX4503 ⊕

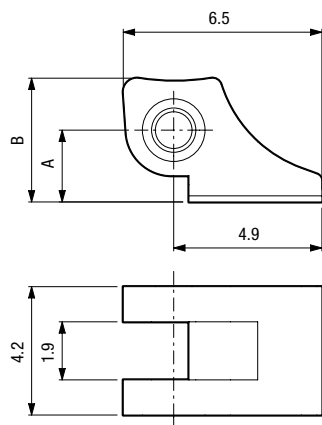


SC1B42CSB000 - SC1B42CSB010 | step hinge

Screw coupling: A1VA4700 ⊖ | A1VX4503 ⊕

SC1B42CSB000 A = 3,2 mm B = 4,9 mm

SC1B42CSB010 A = 2,3 mm B = 4,0 mm



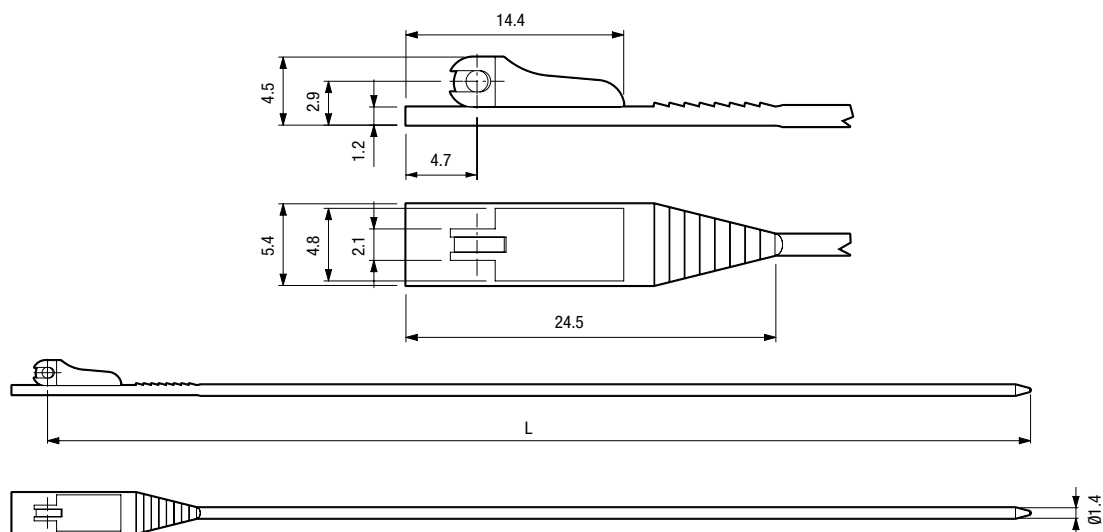
CHARACTERISTICS

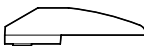
- Material nickel silver

Measurements expressed in mm

Drawings view

B970-50 | with SMART 4.8 spring hinge



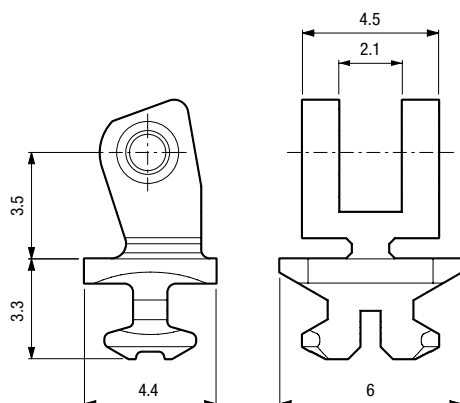
CODE	LENGTH	CHARACTERISTICS
SB1G970S0001	115	• Material nickel silver • Spring hinge with anti-rocking system • Suggested for temple width higher than 15 mm • Tumbling cap code A1WC0019 
SB1G970S0002	120	
SB1G970S0003	125	
SB1G970S0004	130	
SB1G970S0005	135	
SB1G970S0006	140	

Combinations [B970-50]

A1F42000 | 90° front hinge

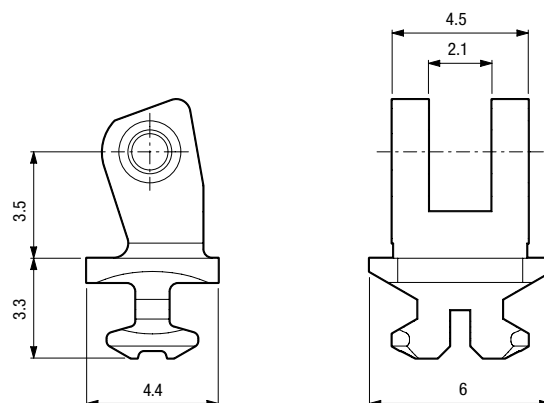
Screw coupling: A1VA5000 ⊖ | A1VX5100 ⊕

Max. suggested bending +/- 15°



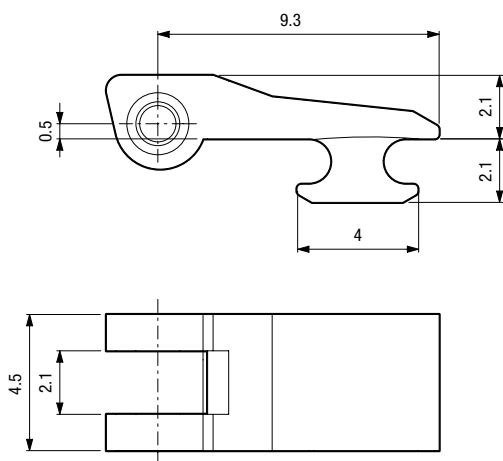
A1F42001 | 90° front hinge

Screw coupling: A1VA5000 ⊖ | A1VX5100 ⊕



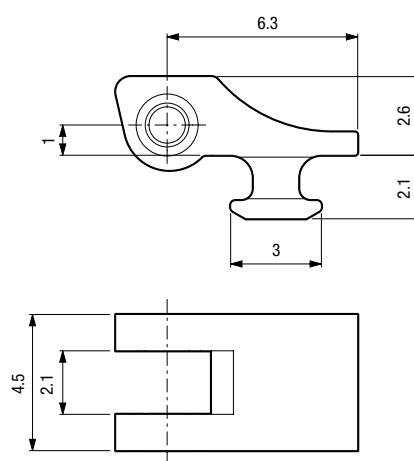
A1F46000 | 180° front hinge

Screw coupling: A1VA5000 ⊖ | A1VX5100 ⊕



A1F41000 | 180° front hinge

Screw coupling: A1VA5000 ⊖ | A1VX5100 ⊕

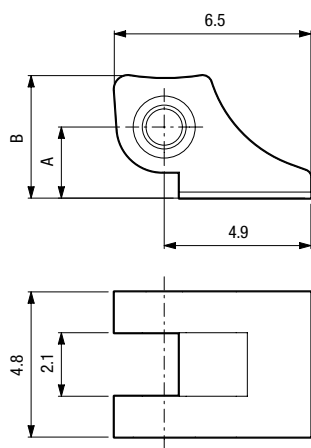


SC1B48CSB000 - SC1B48CSB010 | step hinge

Screw coupling: A1VA5300 ⊖ | A1VX5100 ⊕

SC1B48CSB000 A = 2,3 mm B = 4,0 mm

SC1B48CSB010 A = 3,2 mm B = 4,9 mm

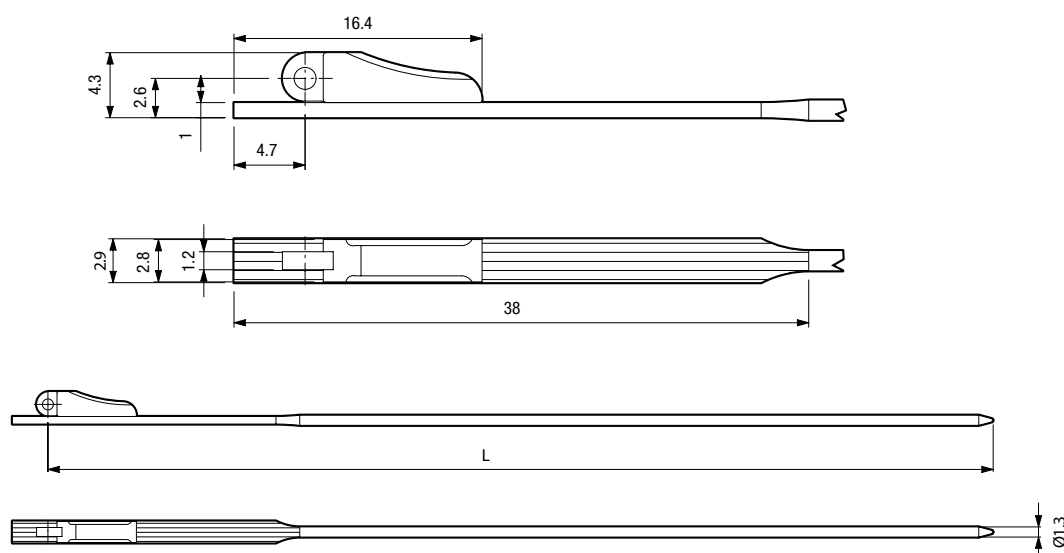
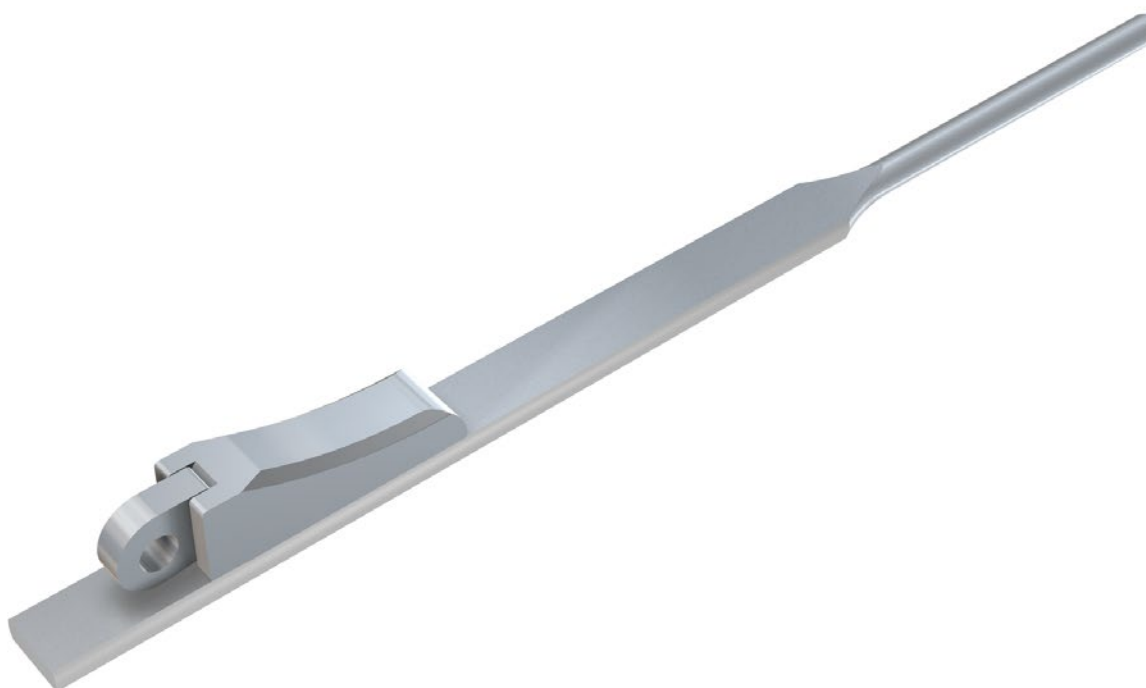


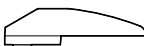
CHARACTERISTICS • Material nickel silver

Measurements expressed in mm

Drawings view

B923-51 | with MICRA 2.8 spring hinge



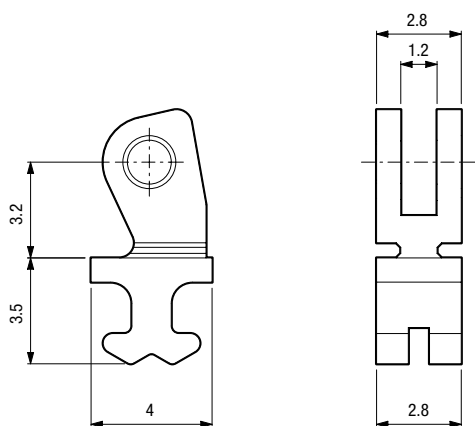
CODE	LENGTH	CHARACTERISTICS
SB1G923M0010	125	• Material nickel silver • Suggested for temple width up to 8 mm • Tumbling cap code A1WC0007 
SB1G923M0011	120	
SB1G923M0012	130	
SB1G923M0013	115	
SB1G923M0014	135	

Combinations [B923-51]

A1F21001 | 90° front hinge

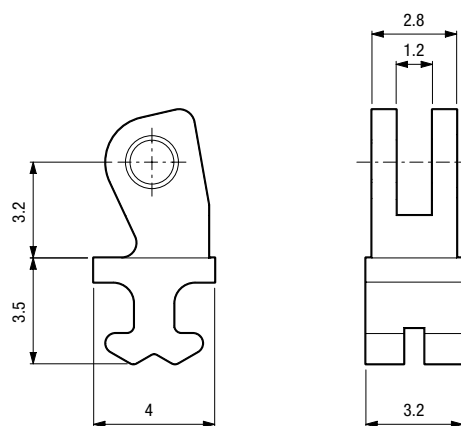
Screw coupling: A1VA3800 ⊖ | A1VX3700 ⊕

Max. suggested bending +/- 15°



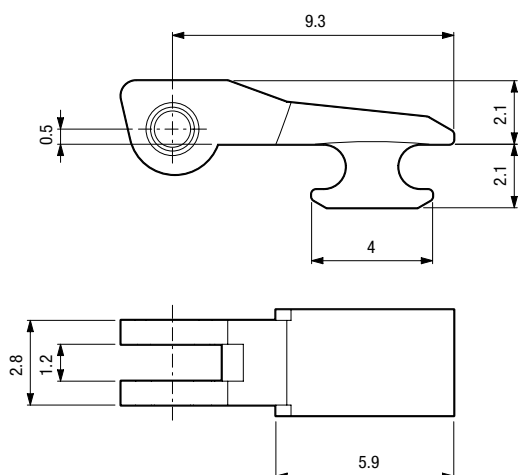
A1F21000 | 90° front hinge

Screw coupling: A1VA3800 ⊖ | A1VX3700 ⊕



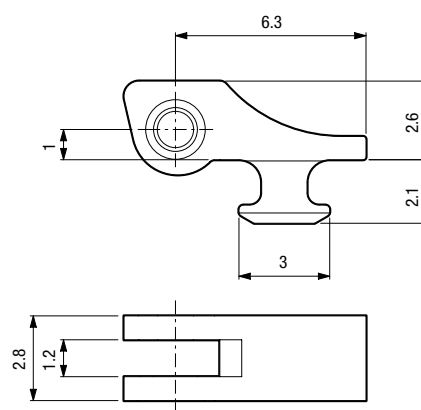
A1F22005 | 180° front hinge

Screw coupling: A1VA3800 ⊖ | A1VX3700 ⊕



A1F33003 | 180° front hinge

Screw coupling: A1VA3800 ⊖ | A1VX3700 ⊕

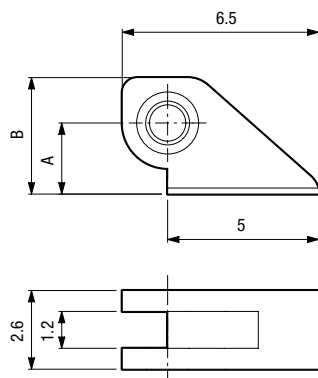


SC1B26CSB000 - SC1B26CSB010 | step hinge

Screw coupling: A1VA3100 ⊖ | A1VX3000 ⊕

SC1B26CSB000 A = 3,2 mm B = 4,9 mm

SC1B26CSB010 A = 2,3 mm B = 4,0 mm



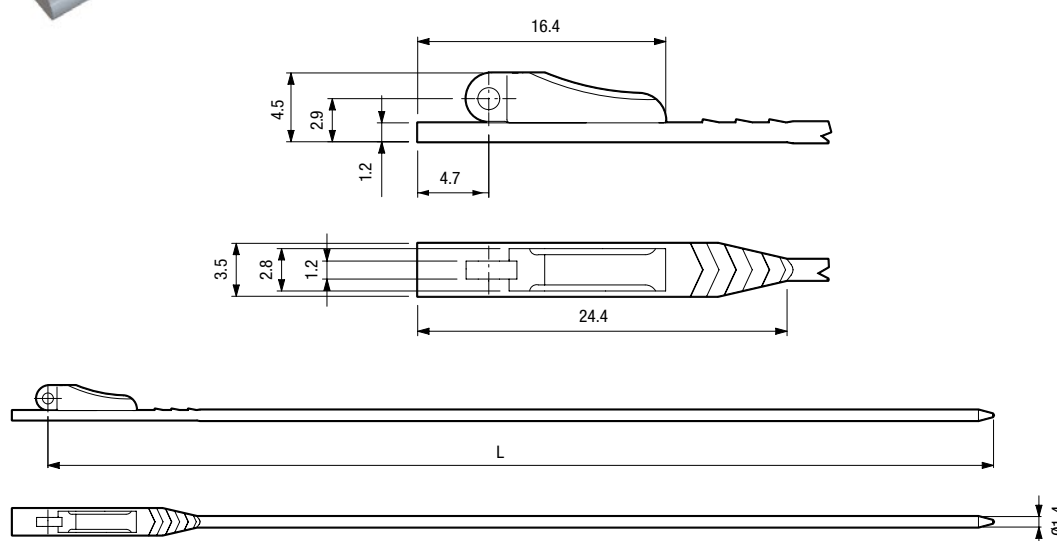
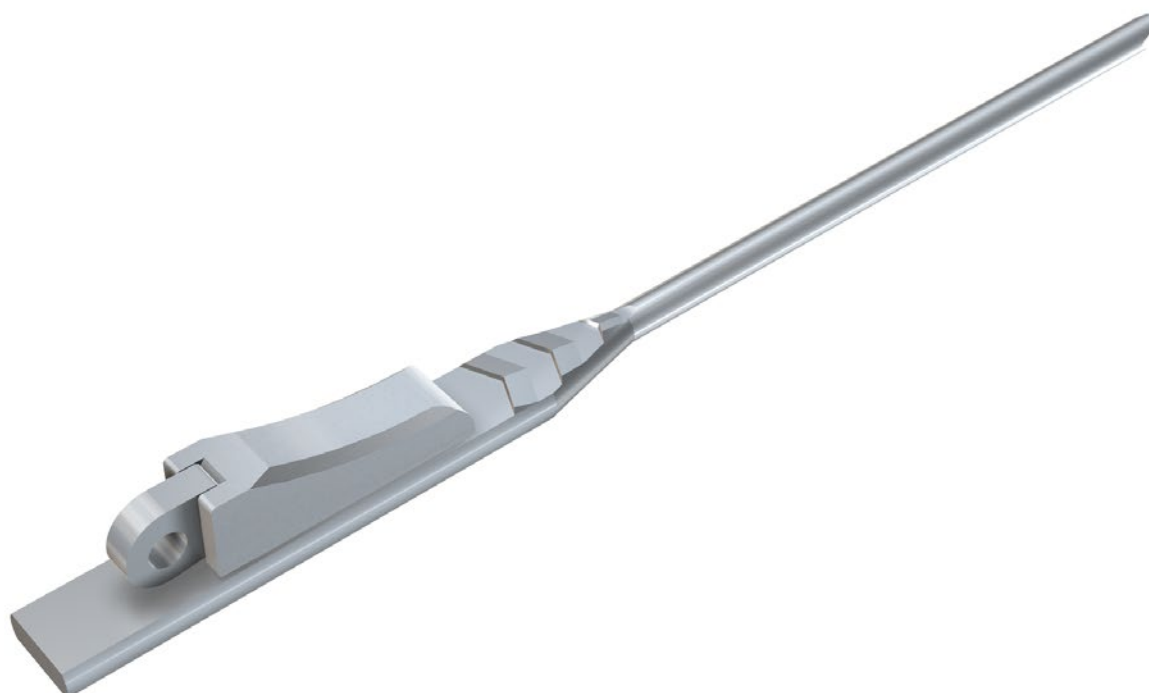
CHARACTERISTICS • Material nickel silver

Measurements expressed in mm

Drawings view

SPRING HINGES FOR PLASTIC FRAMES

B930-60 | with MICRA 2.8 spring hinge



CODE	LENGTH	CHARACTERISTICS
SB1G930M0060	110	- Material nickel silver - Suggested for temple width up to 8 mm - Tumbling cap code A1WC0007 
SB1G930M0061	115	
SB1G930M0062	120	
SB1G930M0063	125	
SB1G930M0064	130	
SB1G930M0065	135	
SB1G930M0066	140	
SB1G930M0067	145	
SB1G930M0068	100	
SB1G930M0069	105	

Measurements expressed in mm

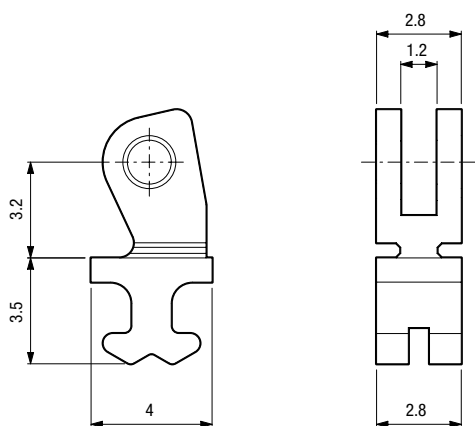
Drawings view 

Combinations [B930-60]

A1F21001 | 90° front hinge

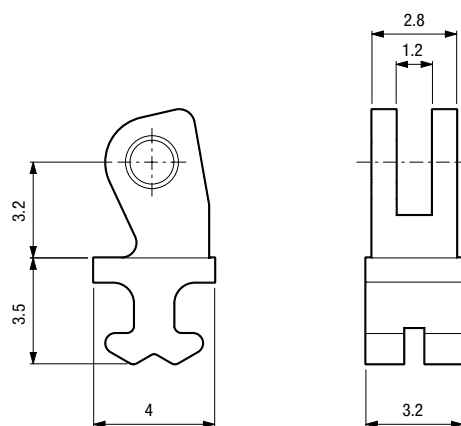
Screw coupling: A1VA3800 ⊖ | A1VX3700 ⊕

Max. suggested bending +/- 15°



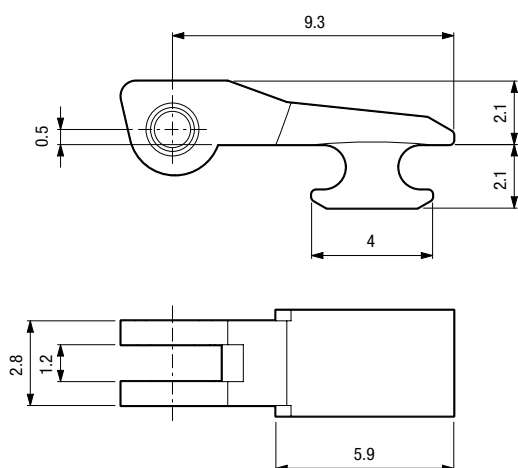
A1F21000 | 90° front hinge

Screw coupling: A1VA3800 ⊖ | A1VX3700 ⊕



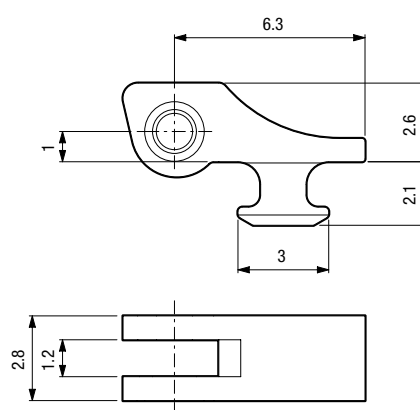
A1F22005 | 180° front hinge

Screw coupling: A1VA3800 ⊖ | A1VX3700 ⊕



A1F33003 | 180° front hinge

Screw coupling: A1VA3800 ⊖ | A1VX3700 ⊕

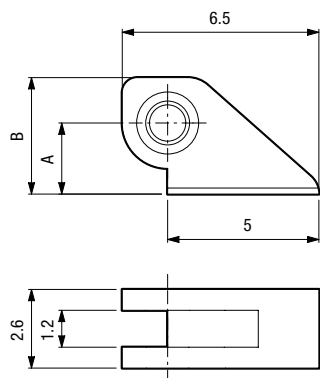


SC1B26CSB000 - SC1B26CSB010 | step hinge

Screw coupling: A1VA3100 ⊖ | A1VX3000 ⊕

SC1B26CSB000 A = 3,2 mm B = 4,9 mm

SC1B26CSB010 A = 2,3 mm B = 4,0 mm



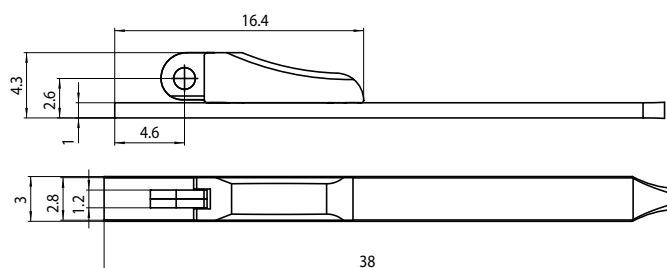
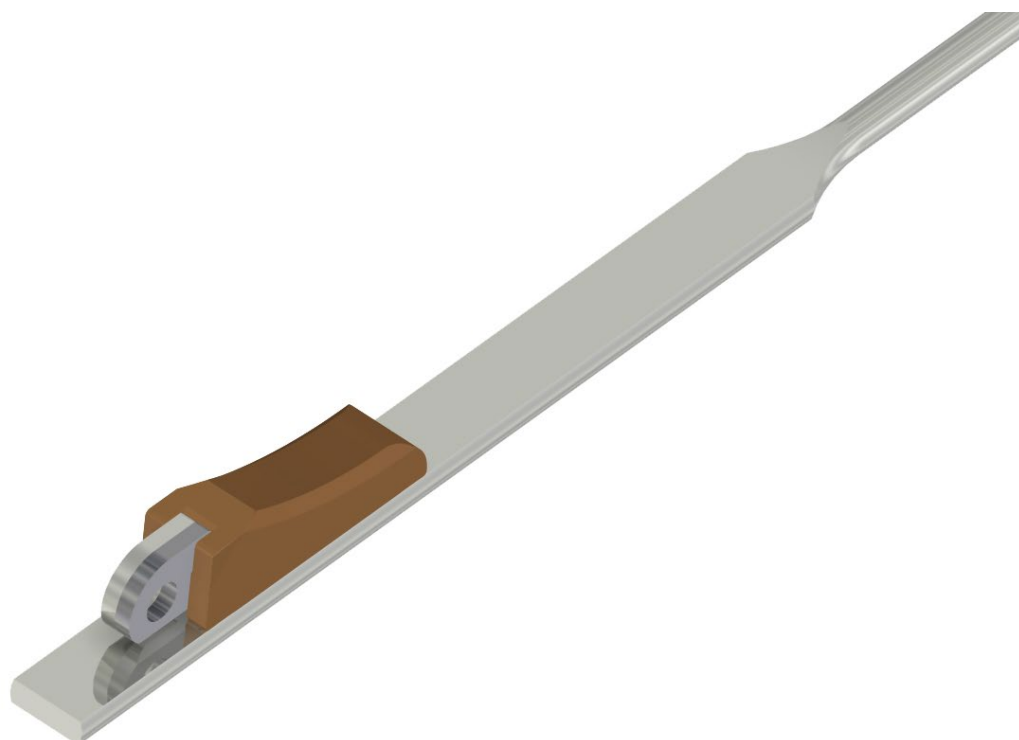
CHARACTERISTICS • Material nickel silver

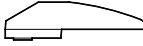
Measurements expressed in mm

Drawings view

SPRING HINGES FOR PLASTIC FRAMES

B923-55 | with SUPERMICRA 2.8 spring hinge



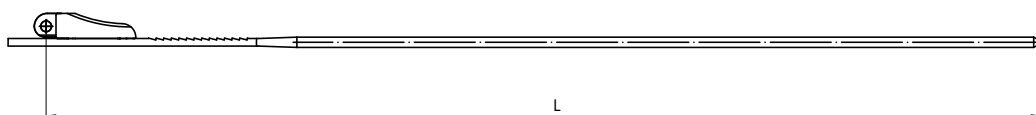
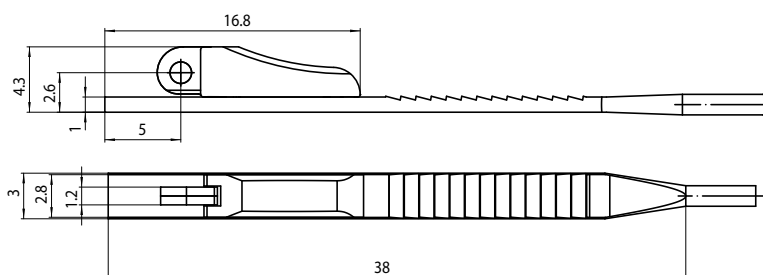
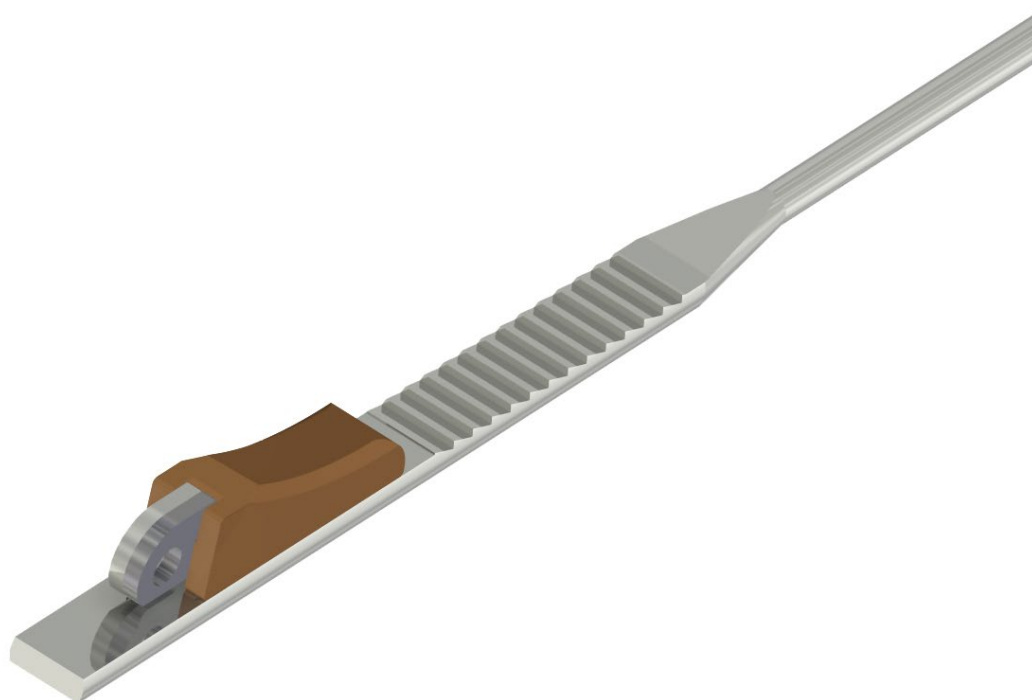
CODE hard spring hinge	LENGTH	CODE soft spring hinge	LENGTH	CHARACTERISTICS
SB1G923M1000	125	SB1G923M1010	125	• Material nickel silver • Suggested for temple width up to 8 mm • Tumbling cap code A1WC0007 
SB1G923M1001	120	SB1G923M1011	120	
SB1G923M1002	130	SB1G923M1012	130	
SB1G923M1003	135	SB1G923M1013	115	
SB1G923M1004	115			

Measurements expressed in mm

Drawings view 

SPRING HINGES FOR PLASTIC FRAMES

B1013-50 | with SUPERMICRA 2.8 spring hinge



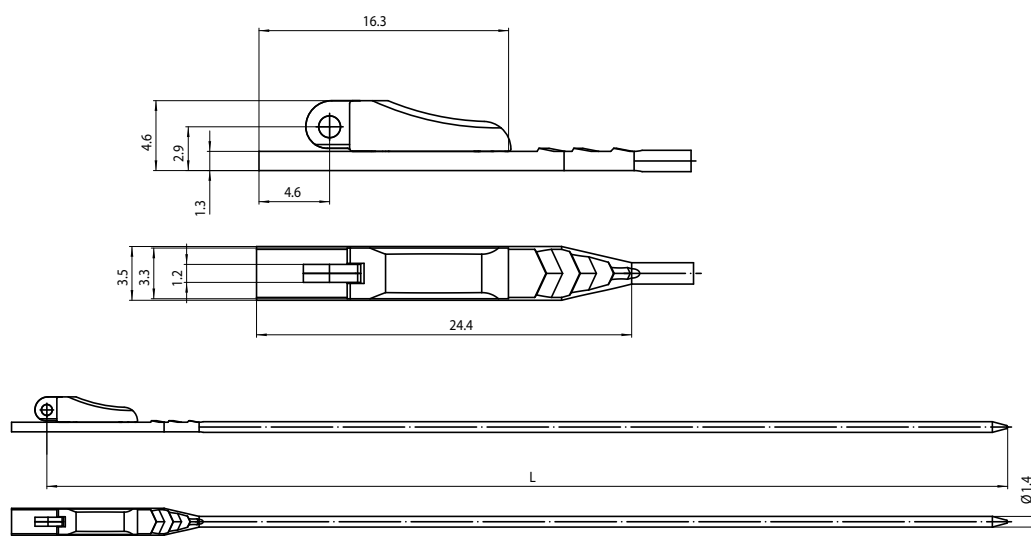
CODE	LENGTH	CHARACTERISTICS
SB1G1013M100	130	• Material nickel silver • Suggested for temple width up to 8 mm • Tumbling cap code A1WC0007 

Measurements expressed in mm

Drawings view  

SPRING HINGES FOR PLASTIC FRAMES

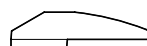
B930-83 | with SUPERMICRA 3.3 spring hinge



CODE	LENGTH
SB1G930M0150	110
SB1G930M0151	115
SB1G930M0152	120
SB1G930M0153	125
SB1G930M0154	130
SB1G930M0155	135
SB1G930M0156	140
SB1G930M0157	145
SB1G930M0158	100
SB1G930M0159	105

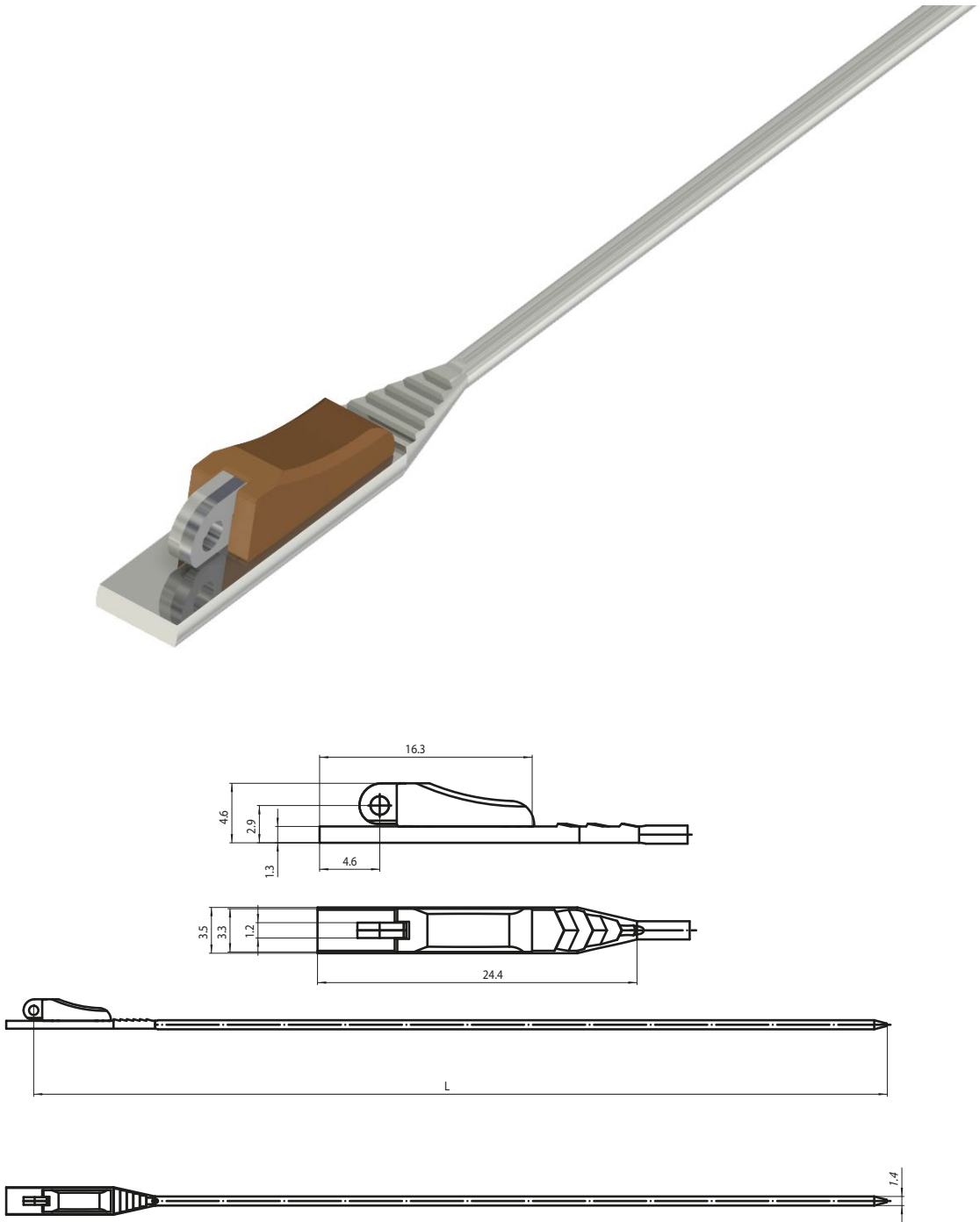
CHARACTERISTICS

- Material nickel silver
- Suggested for temple width up to 8 mm
- Tumbling cap code A1WC0007



SPRING HINGES FOR PLASTIC FRAMES

B972-51 | with SUPERMICRA 3.3 spring hinge



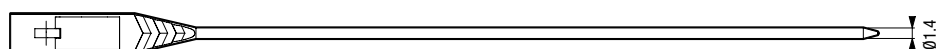
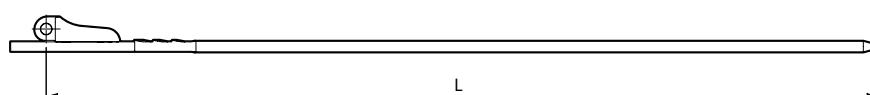
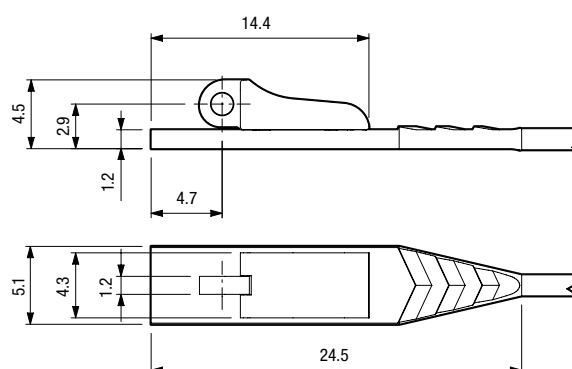
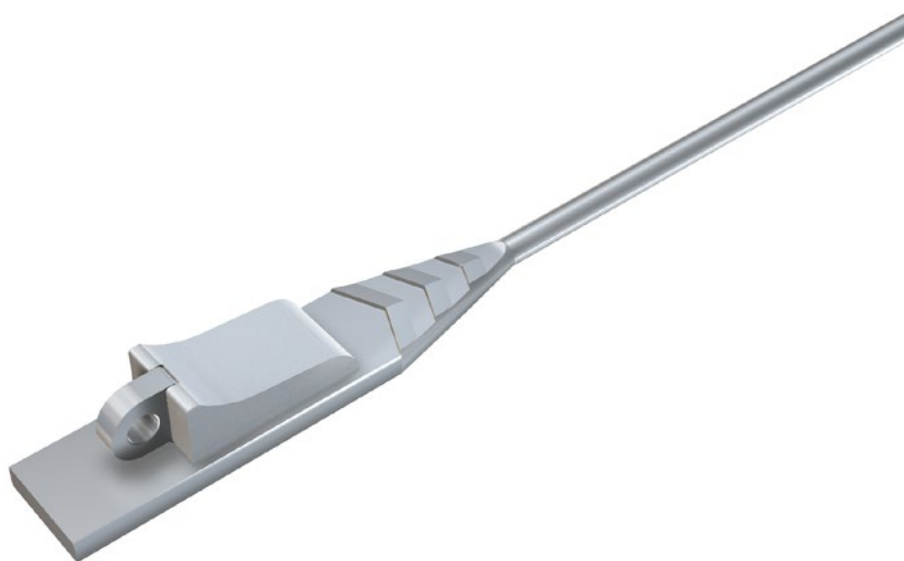
CODE	LENGTH	CHARACTERISTICS
SB1G972M0000	110	• Material nickel silver • Suggested for temple width up to 8 mm • Tumbling cap code A1WC0007
SB1G972M0001	115	
SB1G972M0002	120	
SB1G972M0003	125	
SB1G972M0004	130	
SB1G972M0005	135	
SB1G972M0006	140	

Measurements expressed in mm

Drawings view  

SPRING HINGES FOR PLASTIC FRAMES

B920-50 | with OMEGA 4.3 spring hinge



CODE	LENGTH	CHARACTERISTICS
SB1G920O0009	88	• Material nickel silver • Suggested for temple width between 10 and 15 mm • Tumbling cap code A1WC0005 
SB1G920O0008	93	
SB1G920O0100	100	
SB1G920O0101	105	
SB1G920O0001	115	
SB1G920O0002	120	
SB1G920O0003	125	
SB1G920O0004	130	
SB1G920O0005	135	
SB1G920O0006	140	
SB1G920O0007	145	

Measurements expressed in mm

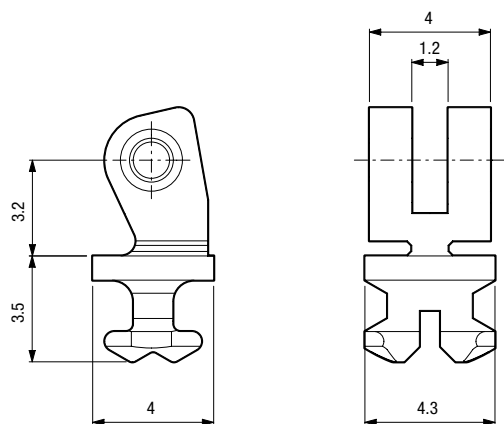
Drawings view 

Combinations [B920-50]

A1F20100 | 90° front hinge

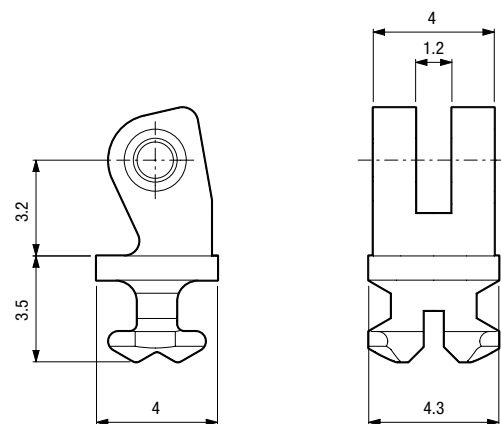
Screw coupling: A1VA4500 ⊖ | A1VX4500 ⊕

Max. suggested bending +/- 12°



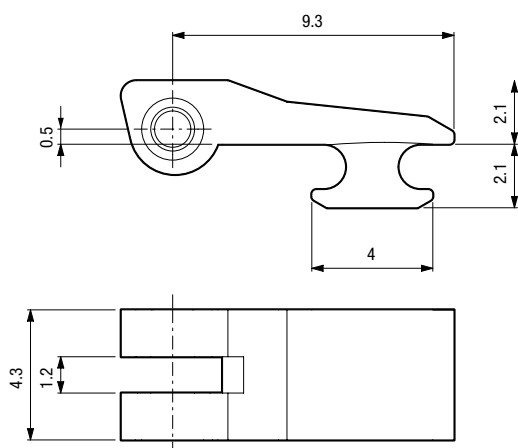
A1F20101 | 90° front hinge

Screw coupling: A1VA4500 ⊖ | A1VX4500 ⊕



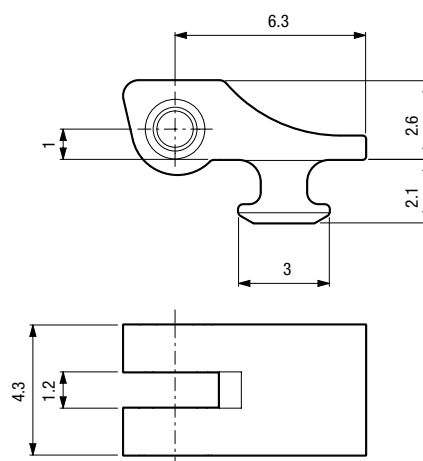
A1F22004 | 180° front hinge

Screw coupling: A1VA4800 ⊖ | A1VX4800 ⊕



A1F33005 | 180° front hinge

Screw coupling: A1VA4800 ⊖ | A1VX4800 ⊕

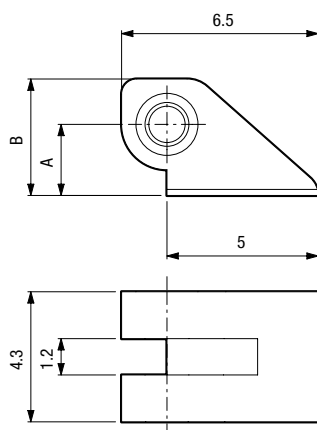


SC1B43CSB000 - SC1B43CSB010 | step hinge

Screw coupling: A1VA4800 ⊖ | A1VX4800 ⊕

SC1B43CSB000 A = 2,3 mm B = 4,0 mm

SC1B43CSB010 A = 3,2 mm B = 4,9 mm

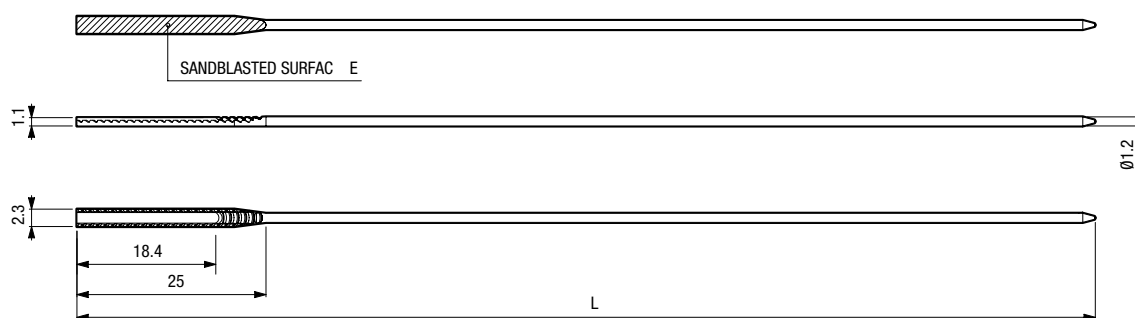


CHARACTERISTICS • Material nickel silver

Measurements expressed in mm

Drawings view

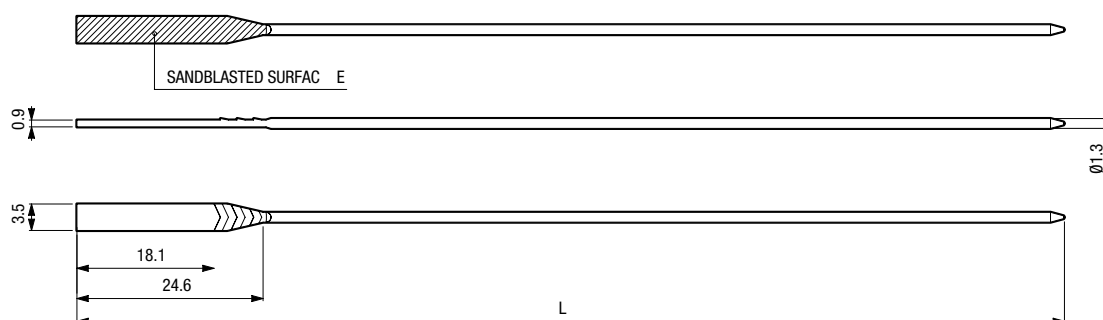
B939-25 | wire core plate [possible combination with K5]



B907-25 | wire core plate [possible combination with KAPPA]



B930-35 | wire core plate [possible combination with MICRA, ALFA and SUPERMICRA]



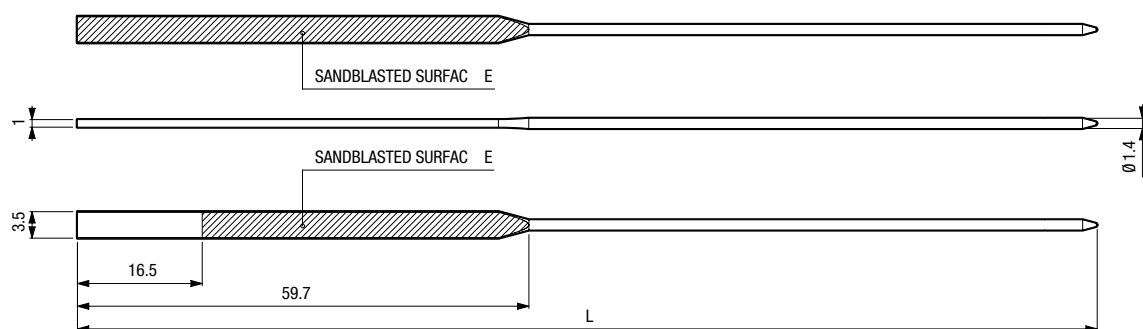
B930-30 | wire core plate [possible combination with MICRA and ALFA]



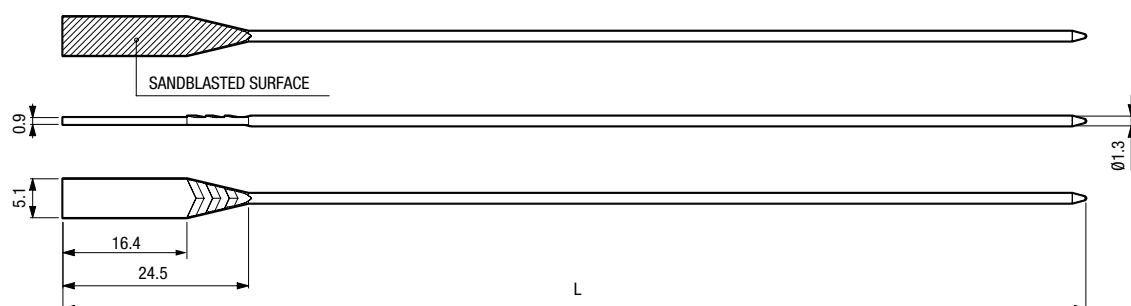
CHARACTERISTICS

- Material nickel silver

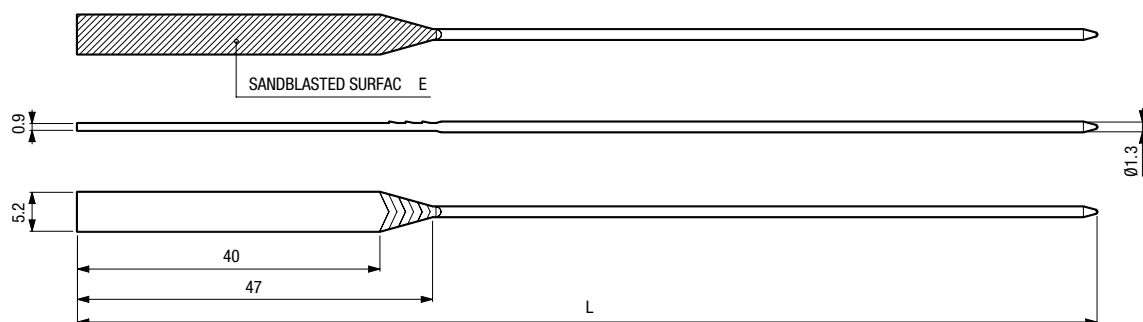
B975-25 | wire core plate [possible combination MICRA and ALFA]



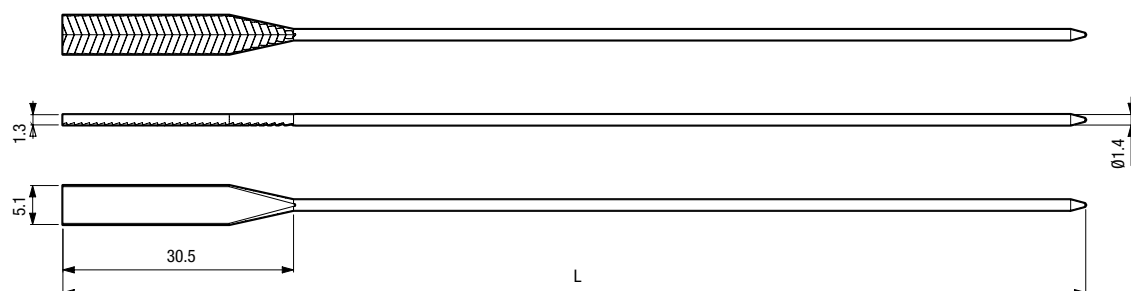
B920-29 | wire core plate [possible combination with OMEGA and SMART 4.3]



B955-25 | wire core plate [possible combination OMEGA and SMART 4.3]



B920-28 | wire core plate [possible combination OMEGA and SMART 4.3]

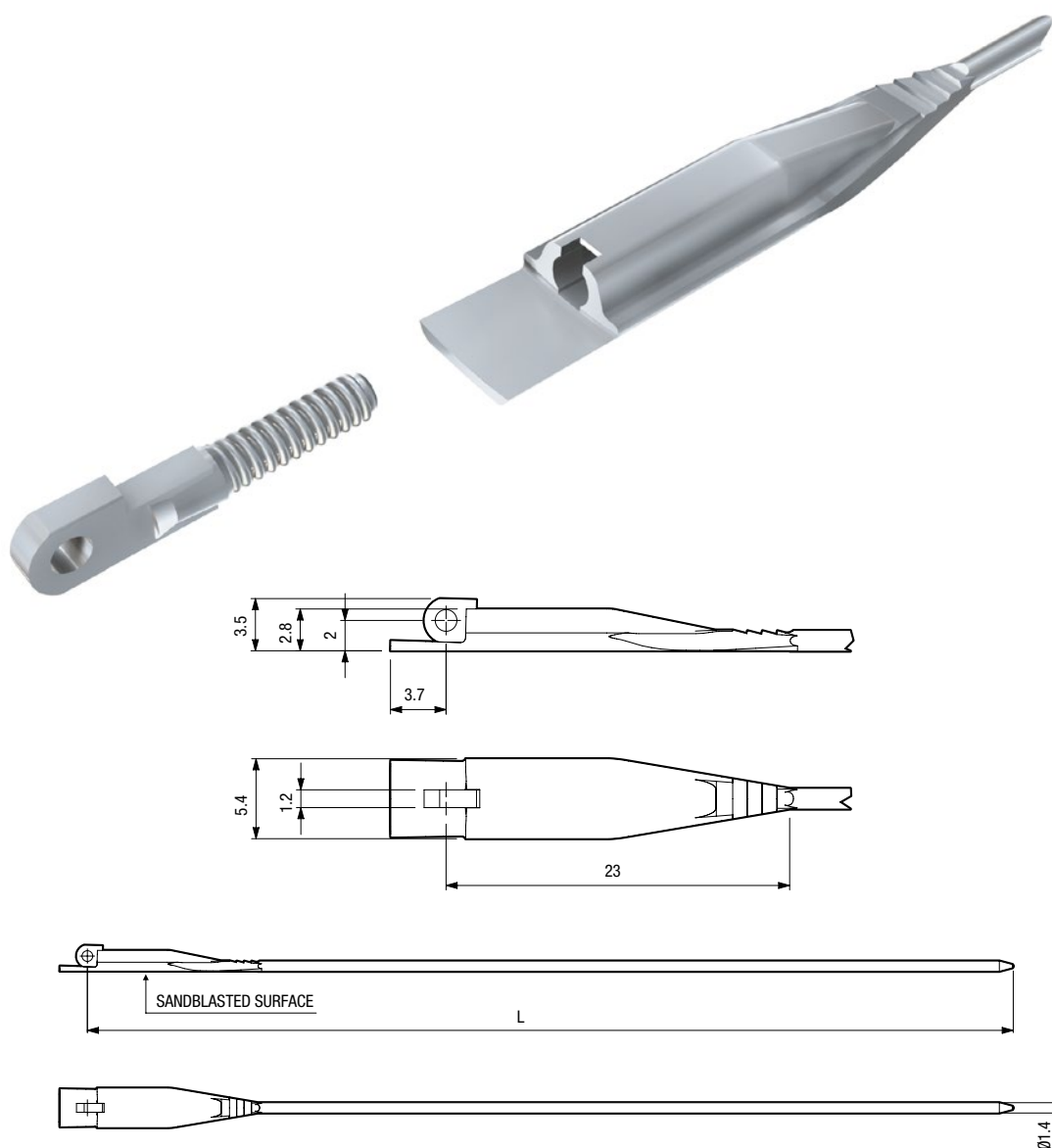


CHARACTERISTICS • Material nickel silver

SPRING HINGES FOR PLASTIC FRAMES

A738-70 | integrated wire core

A738-50 | integrated wire core with spring mechanism



A738-70	CODE	LENGTH	CHARACTERISTICS
	SA6C73800500	120	
	SA6C73800501	125	
	SA6C73800502	130	
	SA6C73800503	135	
A738-50	CODE	LENGTH	CHARACTERISTICS
	SA6G738R0000	120	
	SA6G738R0001	125	
	SA6G738R0002	130	
	SA6G738R0003	135	

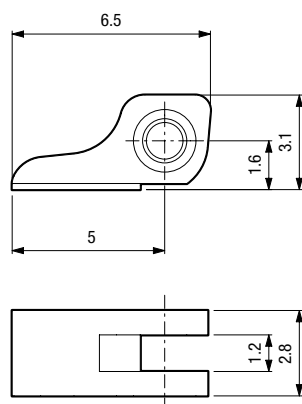
Measurements expressed in mm

Drawings view

Combinations [A738-70]

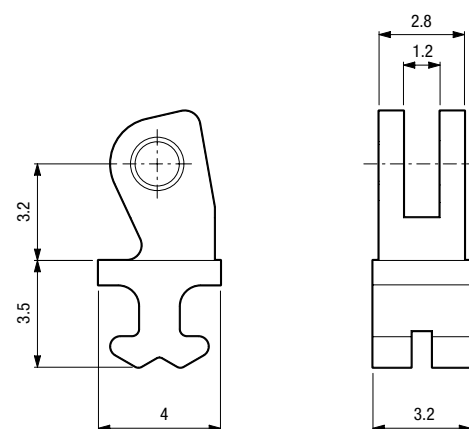
A1CC2803

Screw coupling: A1VA3300 ⊖ | A1VX3200 ⊕



A1F21000 | 90° front hinge

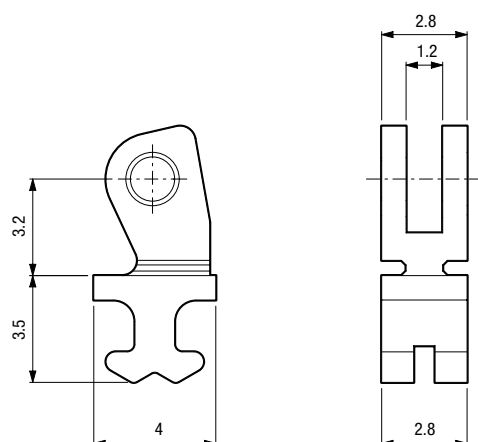
Screw coupling: A1VA3800 ⊖ | A1VX3700 ⊕



A1F21001 | 90° front hinge

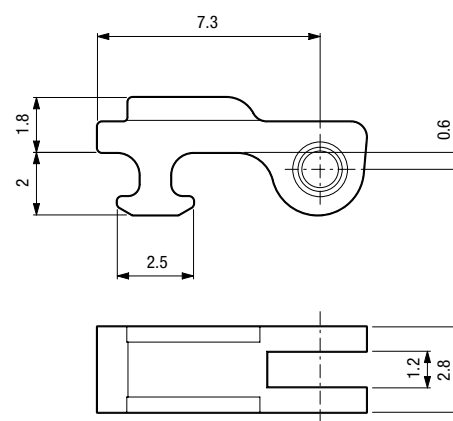
Screw coupling: A1VA3800 ⊖ | A1VX3700 ⊕

Max. suggested bending +/- 15°



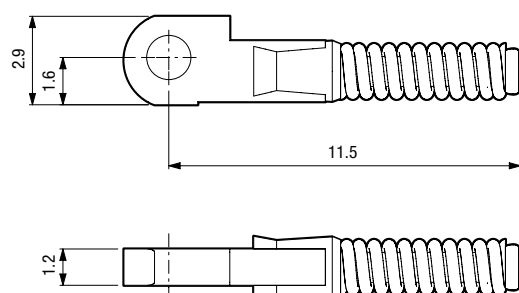
A1F36000

Screw coupling: A1VA3800 ⊖ | A1VX3700 ⊕



SFAS12100000 | hard spring

SFAS12100010 | soft spring

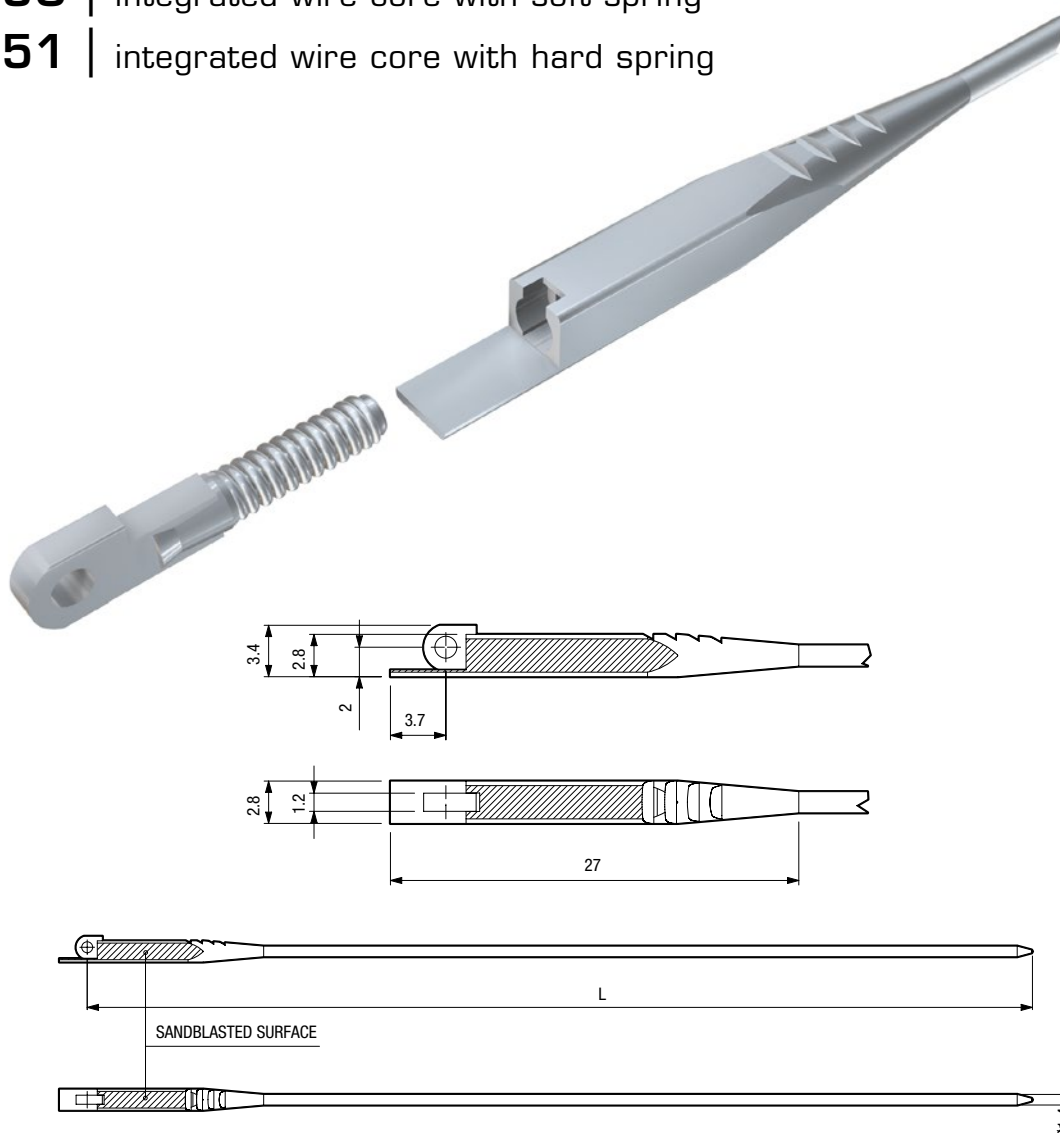


SPRING HINGES FOR PLASTIC FRAMES

A791-70 | integrated wire core

A791-50 | integrated wire core with soft spring

A791-51 | integrated wire core with hard spring



A791-70	CODE	LENGTH	CHARACTERISTICS
	SA6C79100503	120	
	SA6C79100500	125	
	SA6C79100501	130	
	SA6C79100502	135	
A791-50	CODE	LENGTH	CHARACTERISTICS
	SA6G791R0003	120	
	SA6G791R0000	125	
	SA6G791R0001	130	
	SA6G791R0002	135	
A791-51	CODE	LENGTH	CHARACTERISTICS
	SA6G791R0013	120	
	SA6G791R0010	125	
	SA6G791R0011	130	
	SA6G791R0012	135	

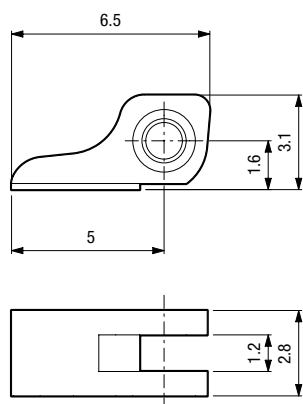
Measurements expressed in mm

Drawings view

Combinations [A791-70]

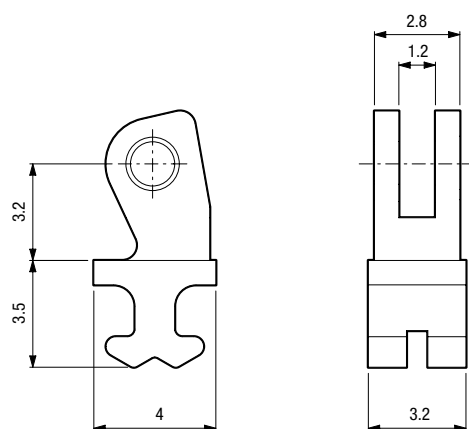
A1CC2803

Screw coupling: A1VA3300 ⊖ | A1VX3200 ⊕



A1F21000 | 90° front hinge

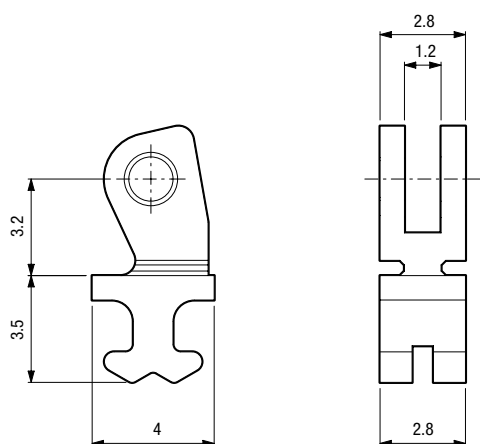
Screw coupling: A1VA3800 ⊖ | A1VX3700 ⊕



A1F21001 | 90° front hinge

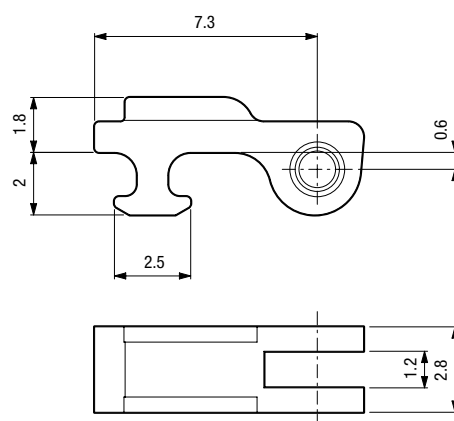
Screw coupling: A1VA3800 ⊖ | A1VX3700 ⊕

Max. suggested bending +/- 15°



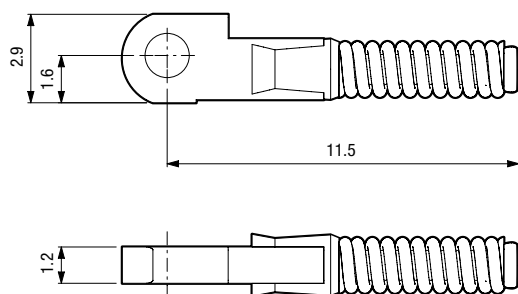
A1F36000

Screw coupling: A1VA3800 ⊖ | A1VX3700 ⊕

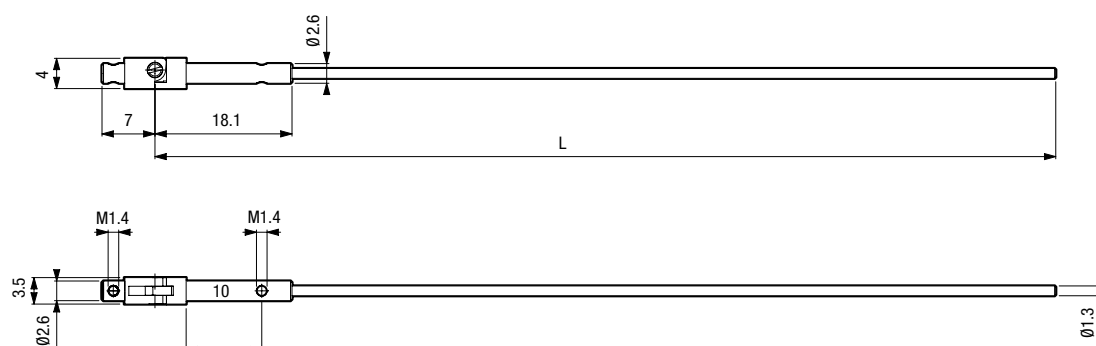
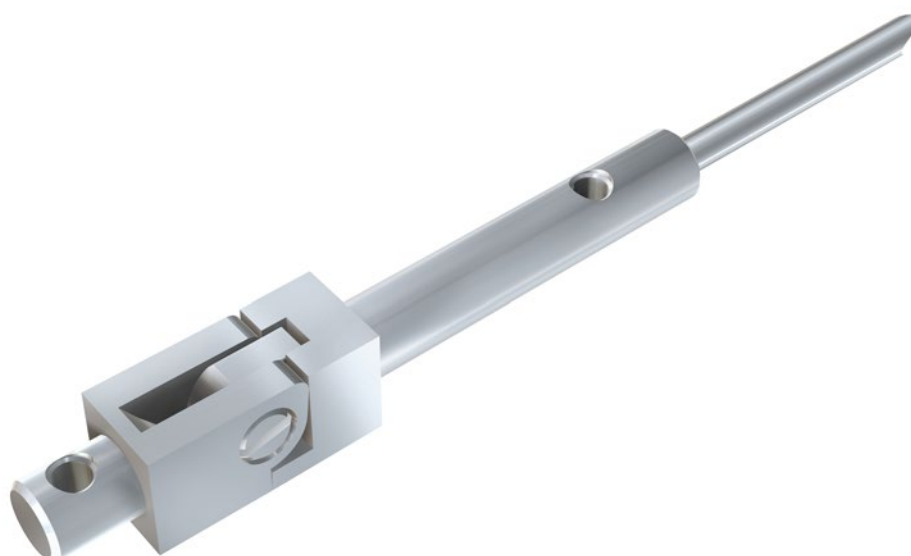


SFAS12100000 | hard spring

SFAS12100010 | soft spring

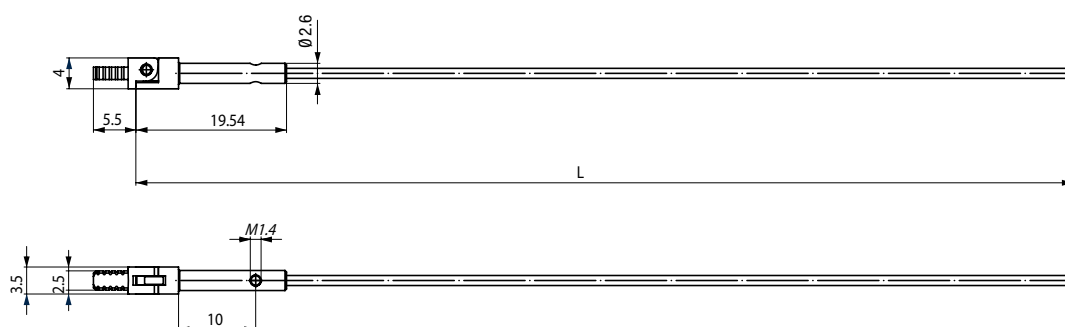


A013-50+M688-25 | integrated temple with end piece assembled



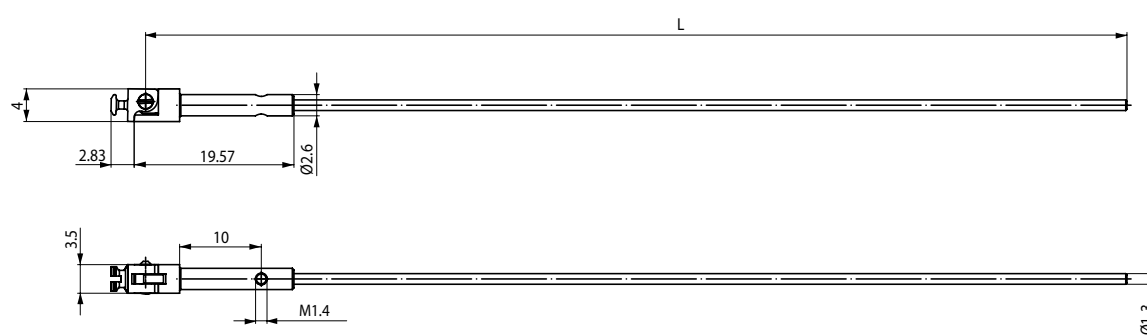
CODE	LENGTH	CHARACTERISTICS
FC013688R000	120	- Integrated temple with end-piece assembled, nickel coated - Material: nickel silver - Suggested for temple width between 6 and 8 mm - Spring mechanism is provided separately
FC013688R001	125	
FC013688R002	130	
FC013688R003	135	

A013-51+F83 | integrated temple with end piece assembled

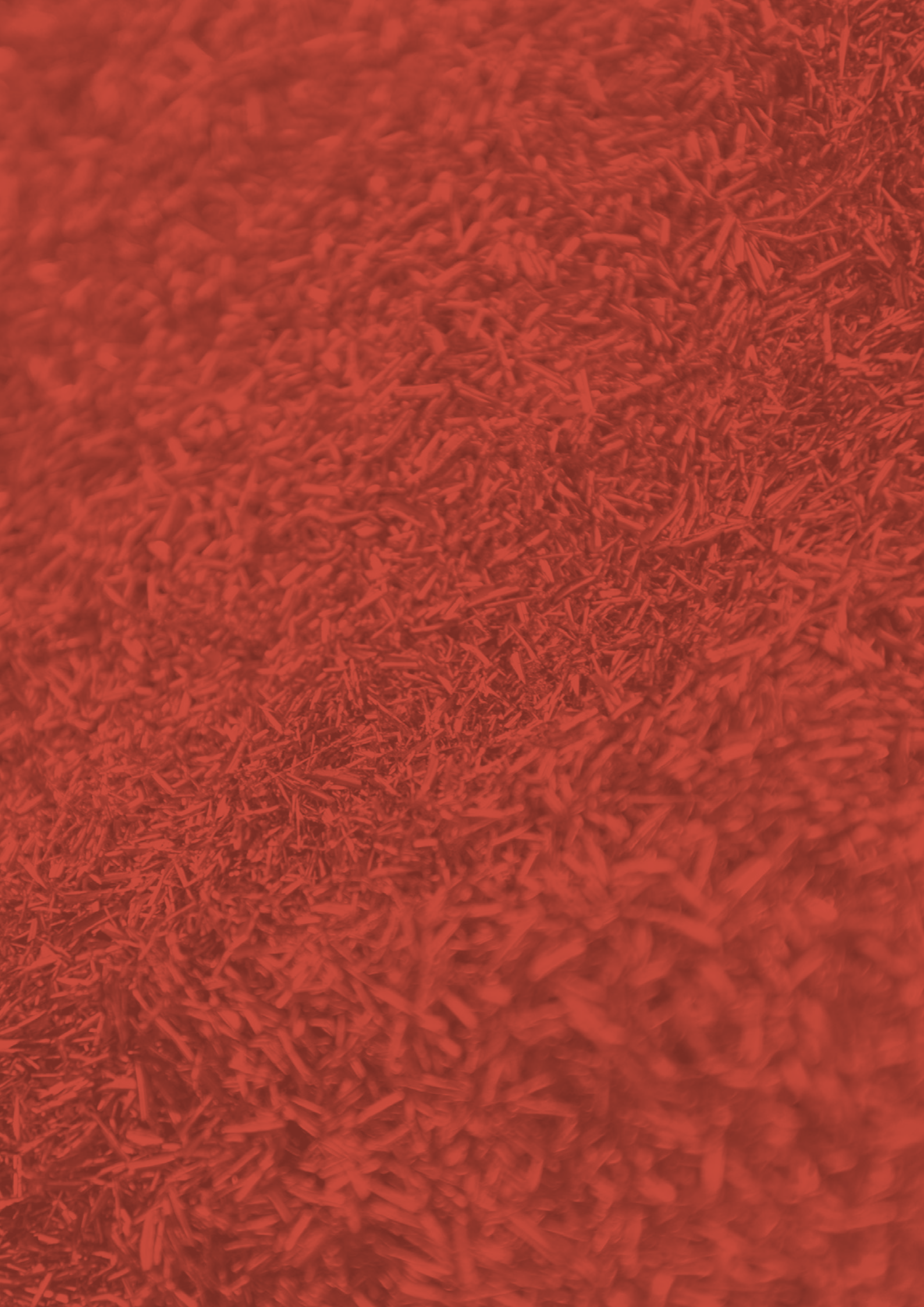


CODE	LENGTH	CHARACTERISTICS
SA6G013R0010	120	- Integrated temple with end-piece assembled, nickel coated - Material: nickel silver - Suggested for temple width between 6 and 8 mm - Spring mechanism is provided separately
SA6G013R0011	125	
SA6G013R0012	130	
SA6G013R0013	135	

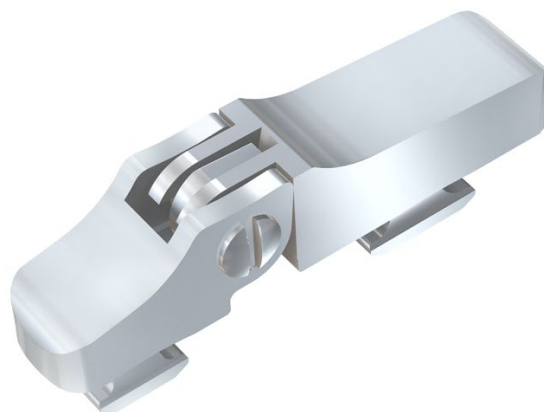
A013-51+F37 | integrated temple with end piece assembled



CODE	LENGTH	CHARACTERISTICS
SA6G013R0010	120	• Integrated temple with end-piece assembled, nickel coated • Material: nickel silver • Suggested for temple width between 6 and 8 mm • Spring mechanism is provided separately
SA6G013R0011	125	
SA6G013R0012	130	
SA6G013R0013	135	

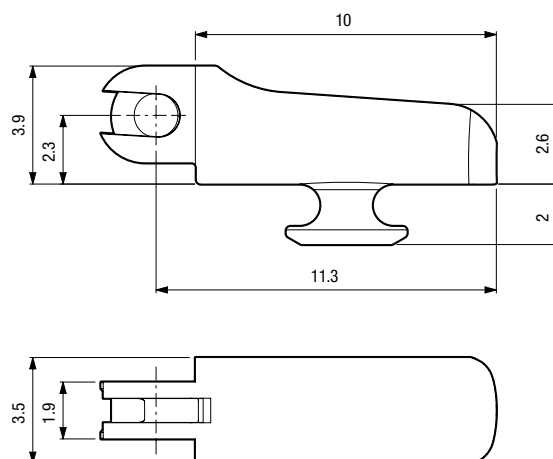
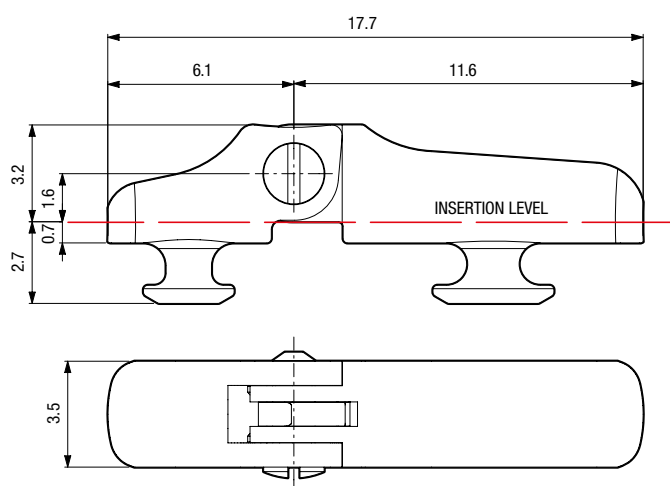


SPORT 3.5



F02CFS19SP00	pre-assembled hard spring hinge
F02CFS19SP10	pre-assembled soft spring hinge
F02CFS19SP20	pre-assembled extrasoft spring hinge

F00CFS19SP00	hard spring hinge
F00CFS19SP10	soft spring hinge
F00CFS19SP20	extrasoft spring hinge

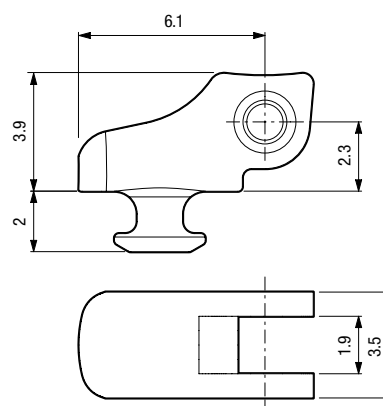
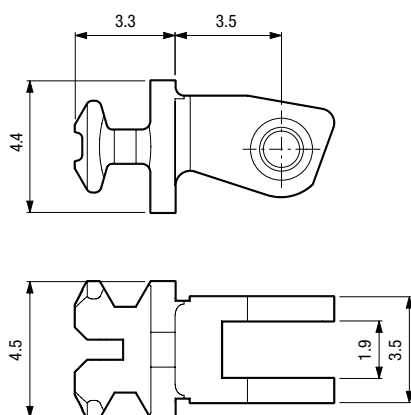


A1F47001 | 90° front hinge

Screw coupling: A1VA4200

A1F58000 | 180° front hinge

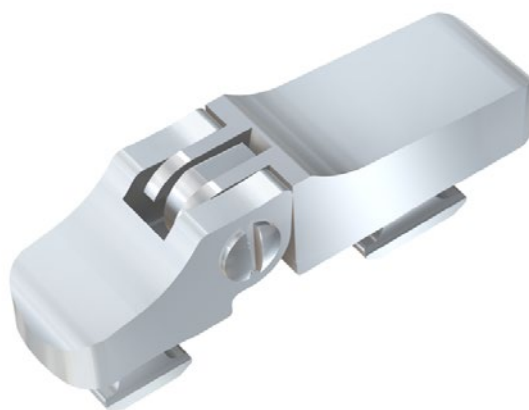
Screw coupling: A1VA4200



CHARACTERISTICS

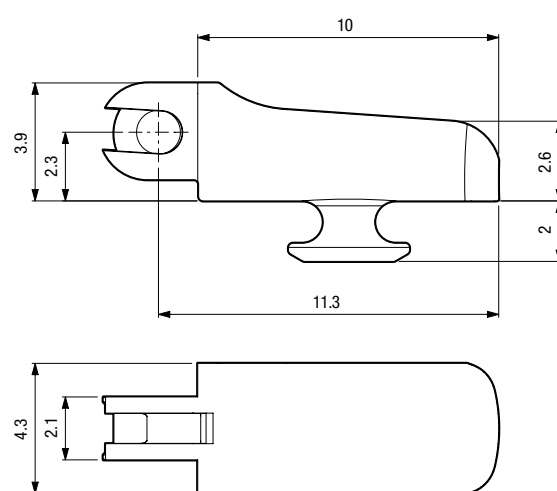
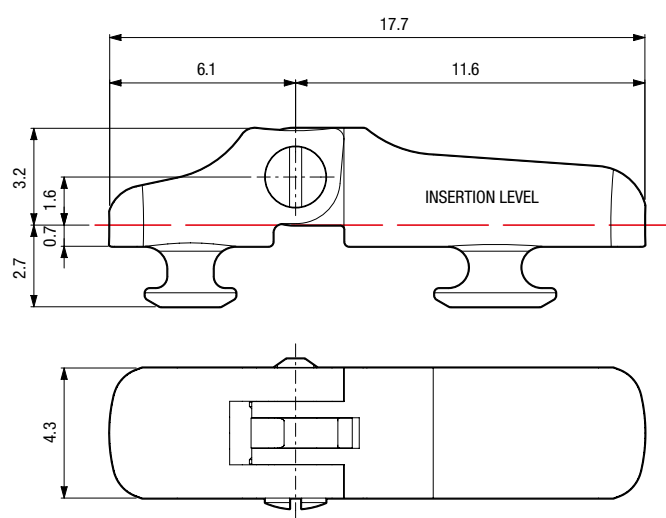
- Material: nickel silver
- Spring hinge with anti-rocking system
- Suggested for temple width up to 8 mm

SPORT 4.3



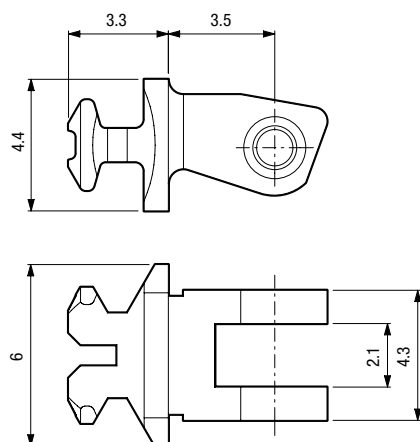
F02CFS21SP00	pre-assem. hard spring hinge (long stroke)
F02CFS21SP01	pre-assem. soft spring hinge (long stroke)
F02CFS21SP02	pre-assem. soft spring hinge (long stroke/stop)
F02CFS21SP03	pre-assem. extrasoft spring hinge (long stroke)

F00CFS21SP00	hard spring hinge (long stroke)
F00CFS21SP01	soft spring hinge (long stroke)
F00CFS21SP02	extrasoft spring hinge (long stroke)



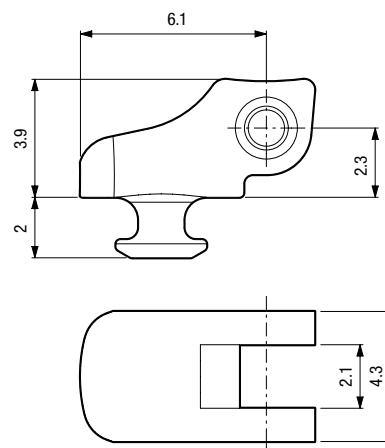
A1F61000 | 90° front hinge

Screw coupling: A1VA5002 ⊕



A1F59000 | 180° front hinge

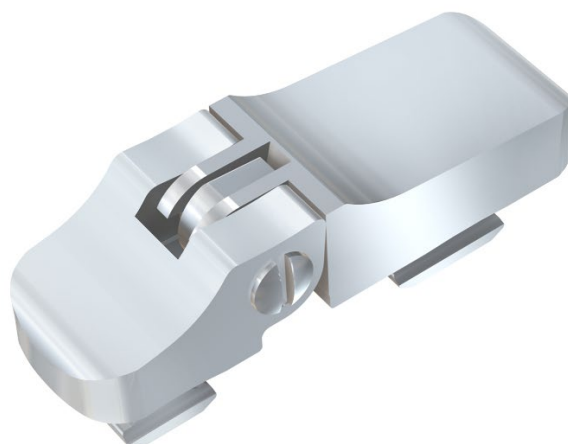
Screw coupling: A1VA5002 ⊕



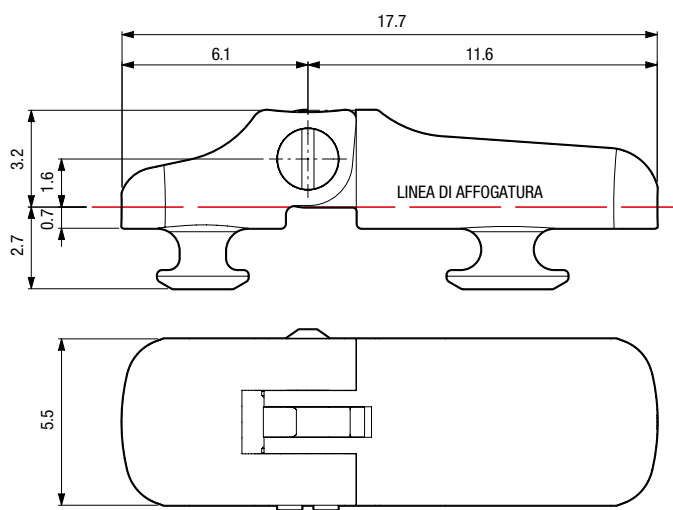
CHARACTERISTICS

- Material: nickel silver
- Spring hinge with anti-rocking system
- Suggested for temple width up to 15 mm

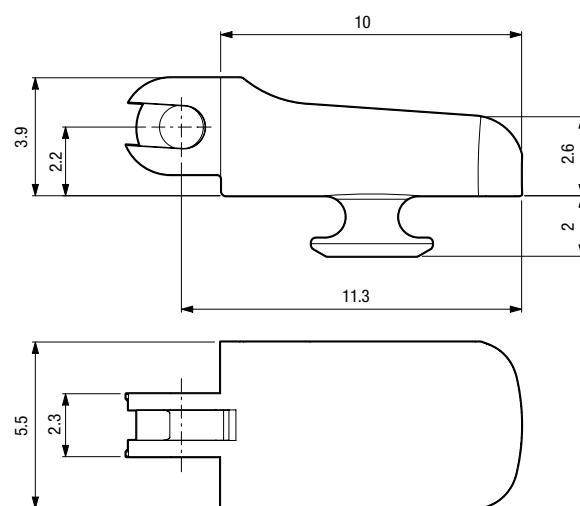
SPORT 5.5



F02CFS21SP10 | pre-assembled spring hinge

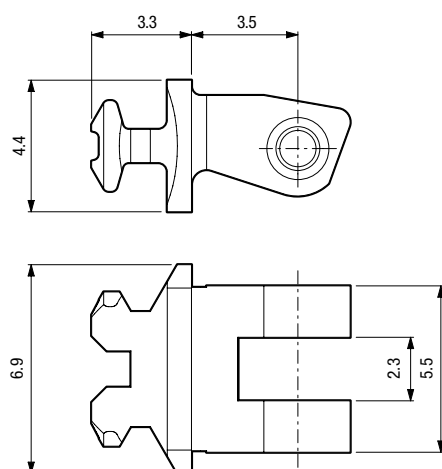


F00CFS21SP10 | spring hinge



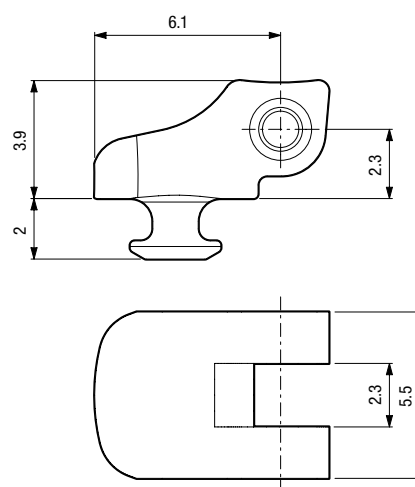
A1F62000 | 90° front hinge

Screw coupling: A1VA6202 ⊕



A1F60000 | 180° front hinge

Screw coupling: A1VA6202 ⊕

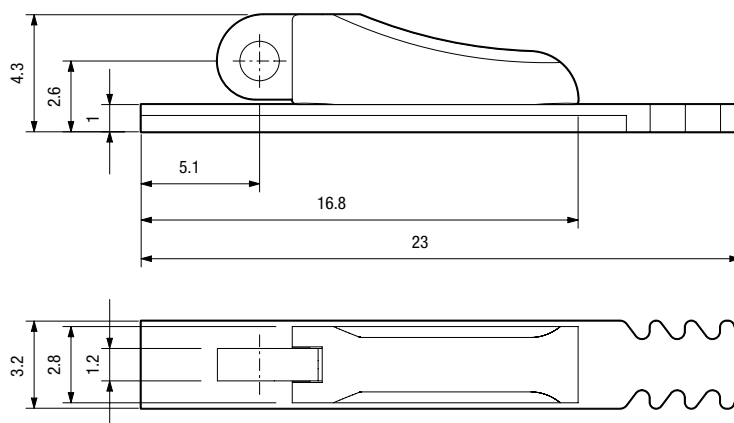


CHARACTERISTICS

- Material: nickel silver
- Spring hinge with anti-rocking system
- Suggested for temple width higher than 15 mm

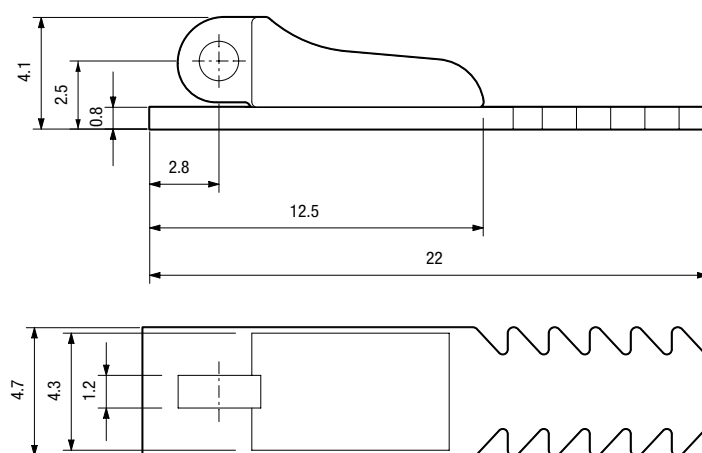
B941-55 [56] | with MICRA spring hinge

SB1G941M0050 (SB1G941M1050)



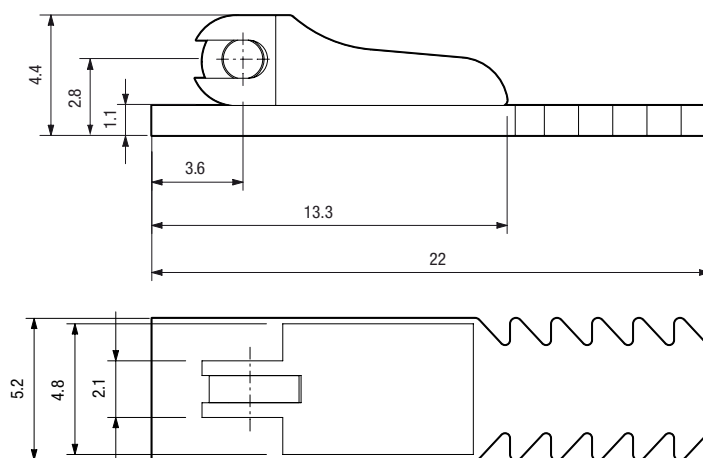
B946-53 | with OMEGA spring hinge

SB1G94600030



B966-50 | with SMART spring hinge

SB1G966S0000

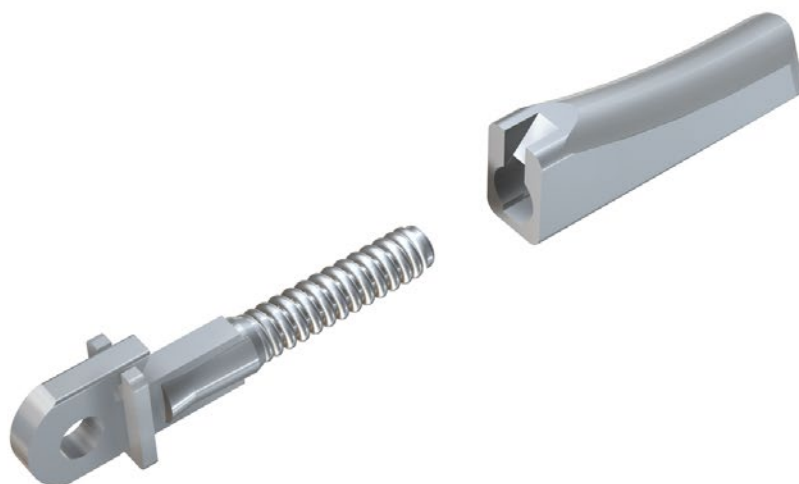


CHARACTERISTICS

- Material: nickel silver
- Hinges combinations at: page n.75 for B941-55 - page n.80 for B946-53 - page n.73 for B966-50



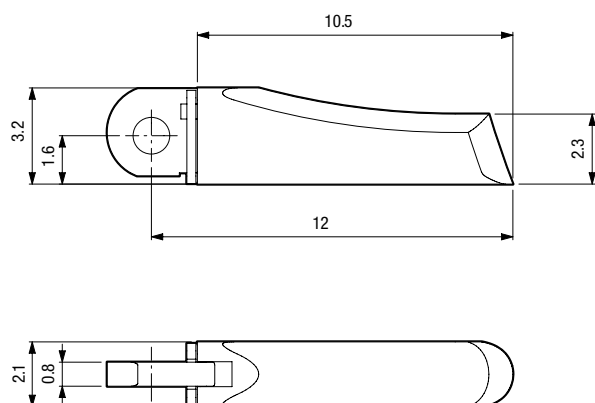
TI-K5 2.1 | soldering



SFSC08000013 | box

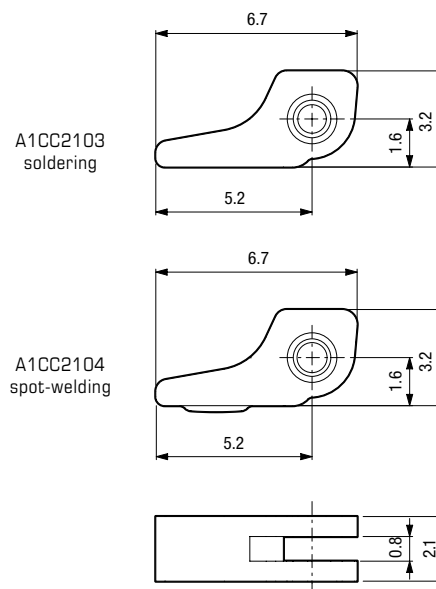
SFAS08020050 hard spring mechanism

SFAS08020040 soft spring mechanism



A1CC2103 - A1CC2104 | front hinge

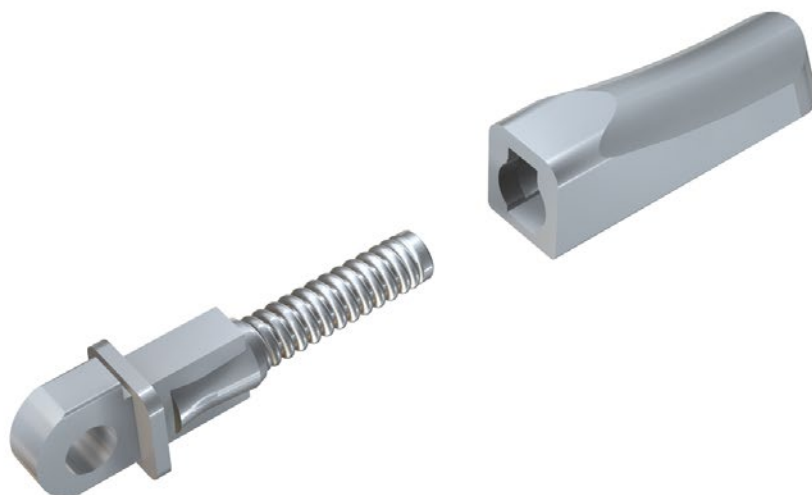
Screw coupling: A1VA2600



CHARACTERISTICS

- Double action spring hinge with closed bottom for soldering
- Box in titanium
- 0.8 mm spring mechanism in stainless steel
- Suggested for temple width up to 6 mm

TI-K6 2.8 | soldering and laser-welding

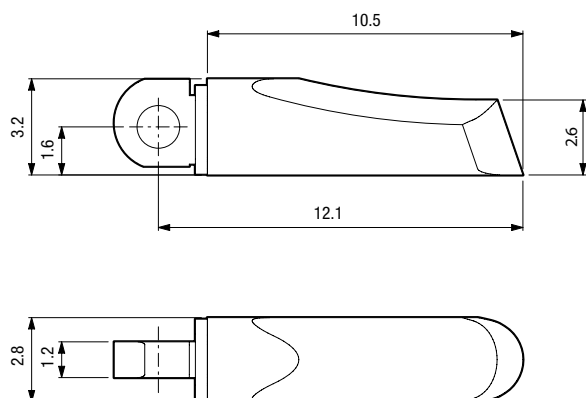


SFSC12250000 | box for soldering

SFSC12250001 | box for laser-welding

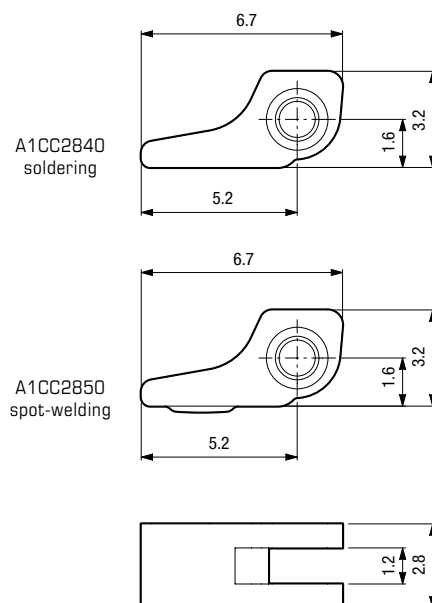
SFAS12380010 hard spring mechanism

SFAS12380000 soft spring mechanism



A1CC2840 - A1CC2850 | front hinge

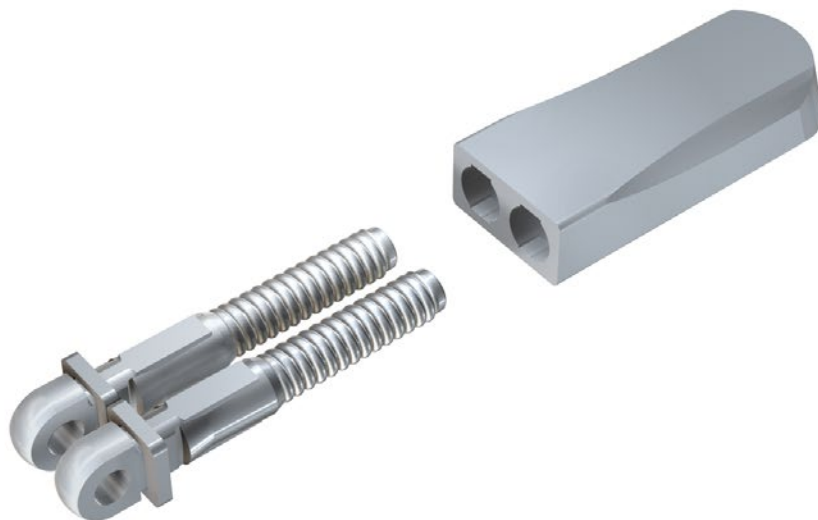
Screw coupling: A1VA3300 ⊖ | A1VX32 00 ⊕



CHARACTERISTICS

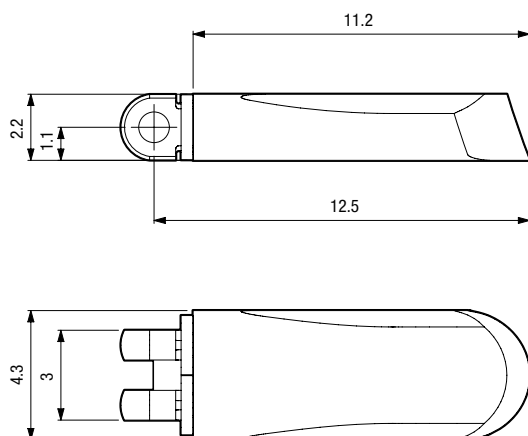
- Double action spring hinge with closed bottom for soldering and laser-welding
- Box in titanium
- 1.2 mm spring mechanism in nickel silver
- Suggested for temple width up to 8 mm

TK 4.3 | laser-welding



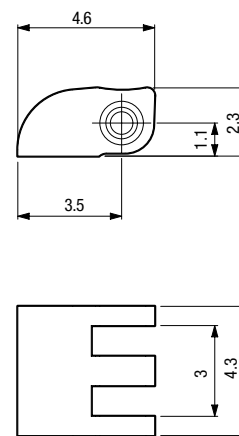
SFSC10020000 | box

SFAS10080000 spring mechanism



A1CC4360 | front hinge

Screw coupling: A1VA4804 ⊕

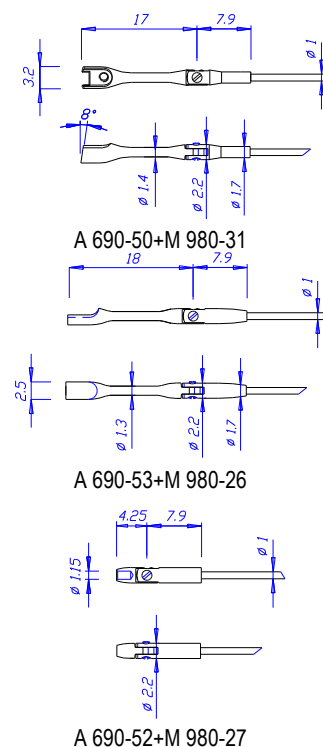
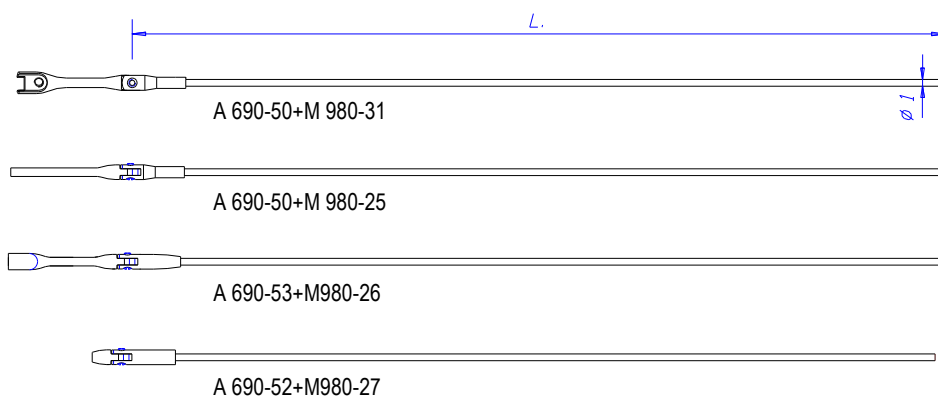


CHARACTERISTICS

- Double action spring hinge with closed bottom laser-welding
- Box in titanium
- 1.0 mm spring mechanism in nickel silver
- Suggested for temple higher than 8 mm

VINTAGE LINE - Temples with integrated hinge (flex)

A690 MINI FLEX [2.2 mm]

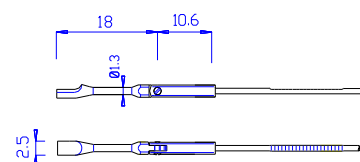
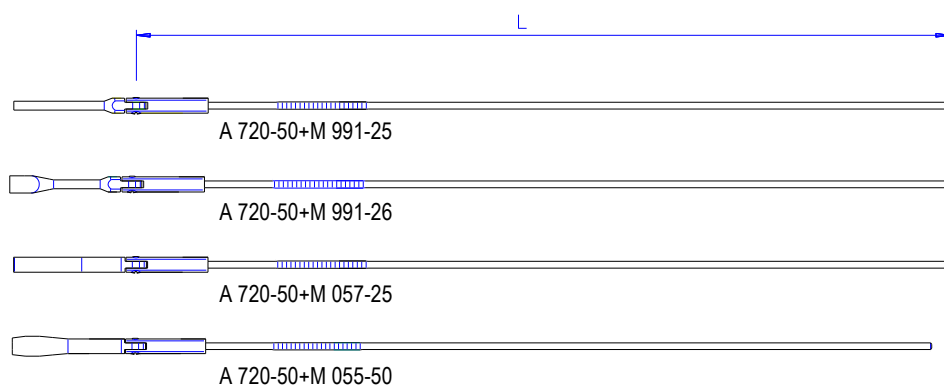
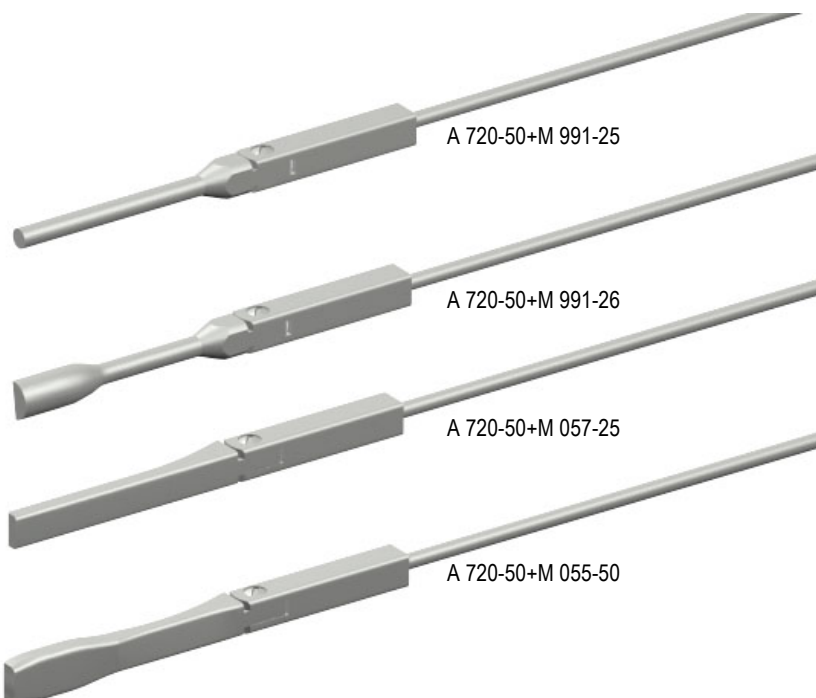


Materiale: Acciaio
Material: Stainless-steel

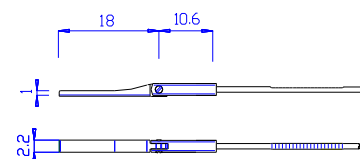
A690-50+M980-31		A690-50+M980-25		A690-53+M980-26		A690-52+M980-27		Material: Stainless-steel			
Codice – Code		Codice – Code		Codice – Code		Codice – Code		POSSIBILI ABBINAMENTI – POSSIBLE FITTINGS			
FC690.980.000.x		FC690.980.000.x		FC690.980.004.x		FC690.980.005.x					
L	x	L	x	L	x	L	x				
120	0	120	5	120	2	120	0				
125	1	125	6	125	3	125	1				
130	2	130	7	130	4	130	2				
135	3	135	8	135	5	135	3				
140	4	140	9	140	6	140	4				

VINTAGE LINE - Temples with integrated hinge (flex)

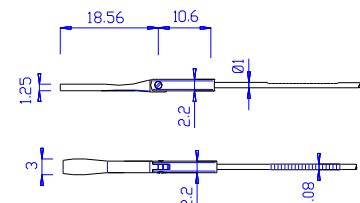
A720 FLEX [2.2 mm]



A 720-50+M 991-26



A 720-50+M 057-25



A 720-50+M 055-50

A720-50+M057-25

A720-50+M055-50

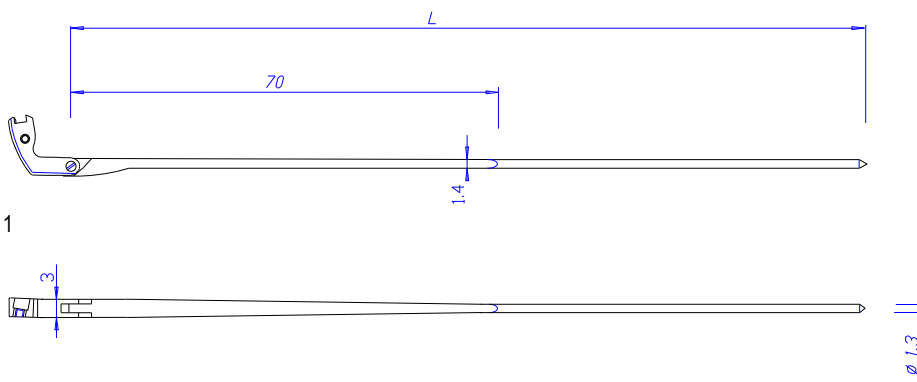
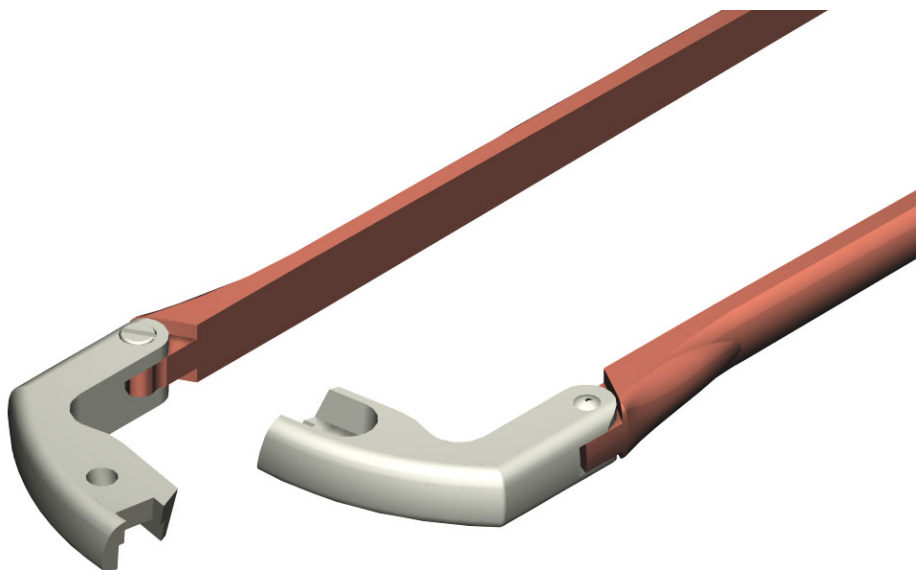
A720-50+M991-25

A720-50+M991-26

Materiale: Acciaio
Material: Stainless-steel

Codice - Code		Codice - Code		Codice - Code		Codice - Code		POSSIBILI ABBINAMENTI - POSSIBLE FITTINGS			
FC720.057.000.x		FC720.055.001.x		FC720.991.000.x		FC720.991.001.x					
L	x	L	x	L	x	L	x				
120	0	120	5	120	2	120	0				
125	1	125	6	125	3	125	1				
130	2	130	7	130	4	130	2				
135	3	135	8	135	5	135	3				
140	4	140	9	140	6	140	4				
145	7	145	7	145	7	145	7				

A687 + M111 FLEX [3.0 mm]



A 687-50+M 111

A 687-50 + M 111 / 15°

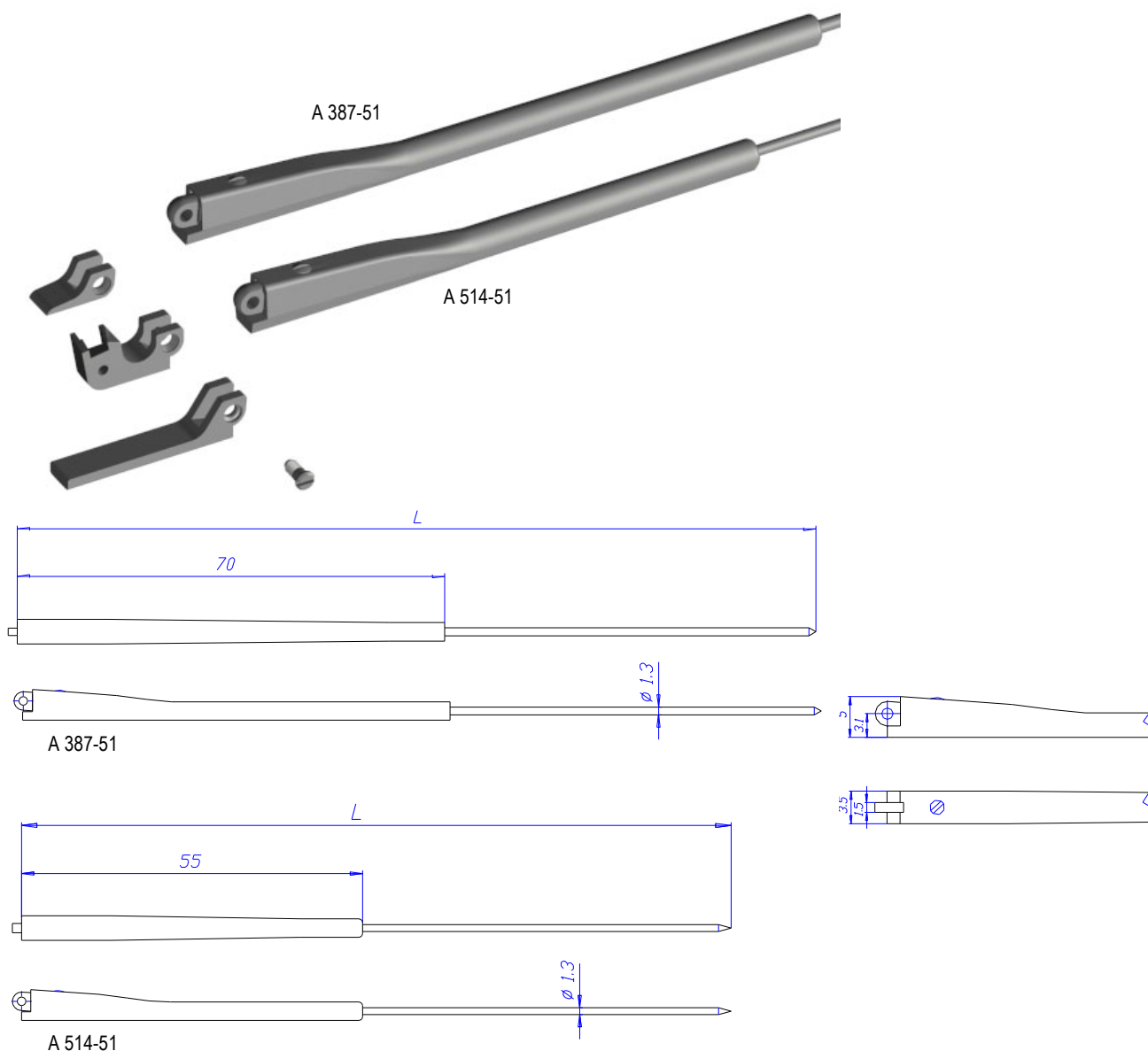
A 672-50

Materiale: Asta in Bronzo – monoblocco in Alpacca

Material: Temple in Bronze – Closing block hinge in Nichel silver

Codice – Code		Codice – Code		POSSIBILI ABBINAMENTI – POSSIBLE FITTINGS					
FC687.M111.00.x		SA4G687.000.0x							
L	x	L	X						
130	0	130	0						
135	1	135	1						
140	2	140	2						

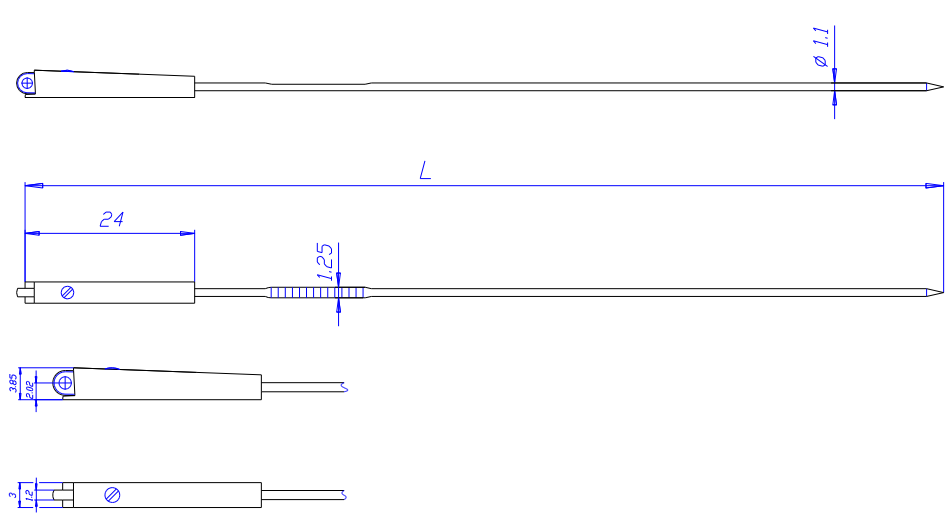
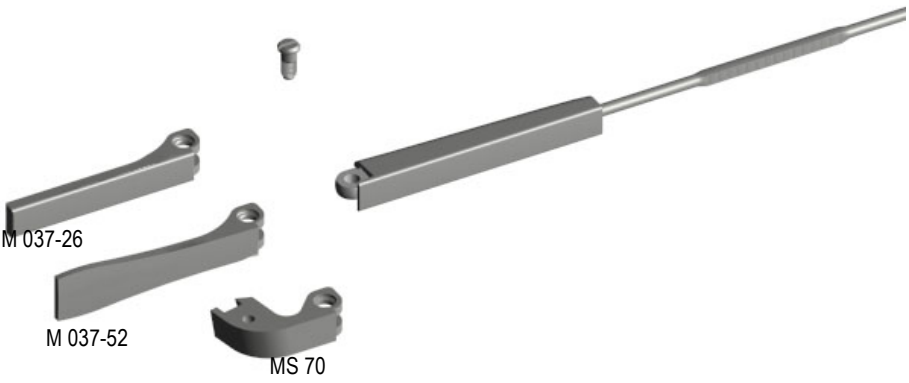
A387 | A514 [3.5 mm]



Materiale plastico (poliloy) - per la verniciatura massima temperatura consigliata di 180°C per 30 minuti / Plastic material (poliloy). For colouring, suggested temperature max 180°C for 30 minutes

A 387-51		A 514-51		POSSIBILI ABBINAMENTI – POSSIBLE FITTINGS					
Codice – Code		Codice – Code							
SA5G35.387.51x		SA5G35.514.51x							
L	x	L	x						
125	2	115	0						
130	0	120	1						
135	1	110	2						
				CS 3.5	CSP 3.5			M013	MS11 MS31

A495 [3.0 mm]



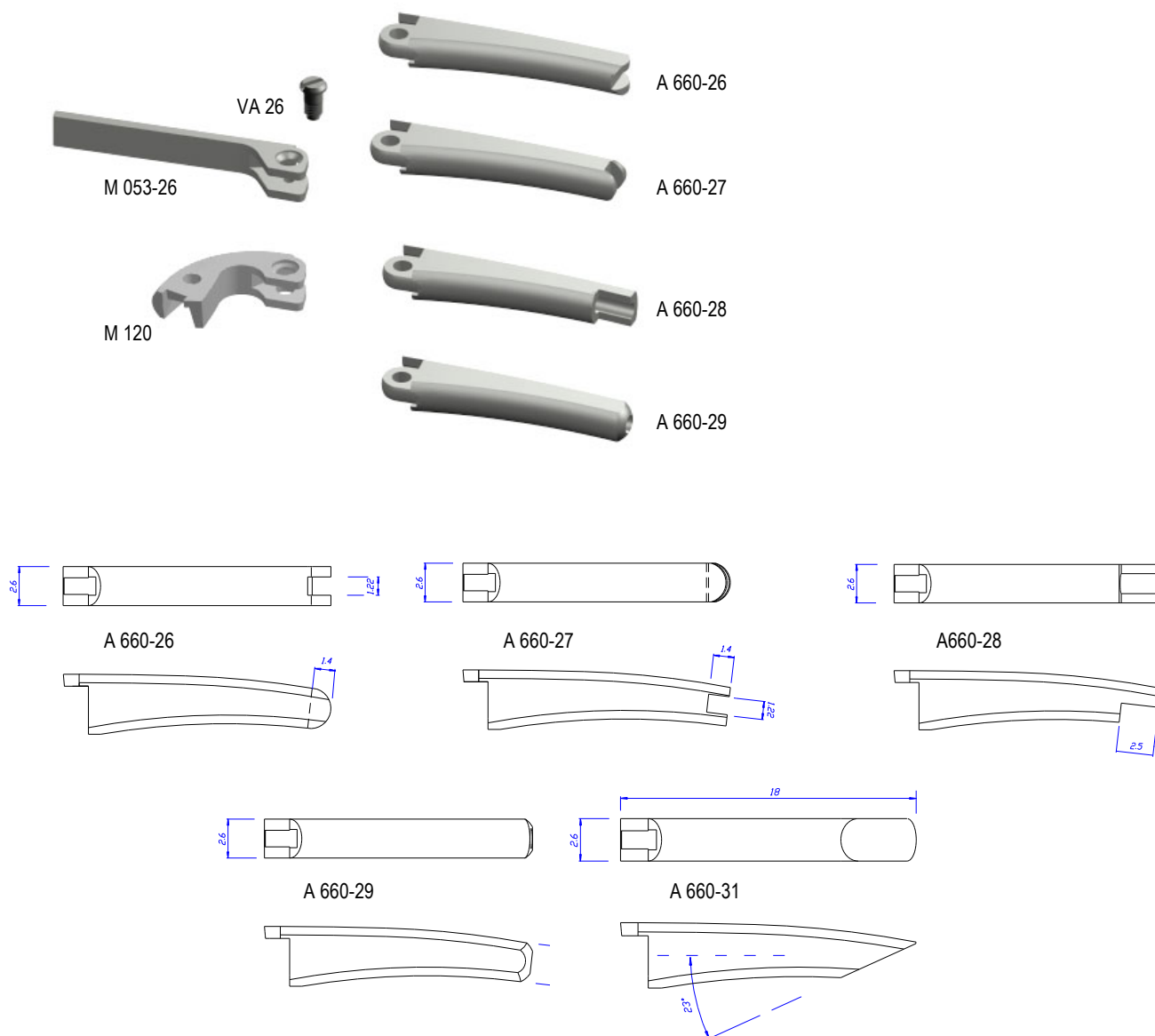
A 495-50

Materiale: Alpacca – anima in acciaio
Material: Nichel Silver – nain in steel

Codice – Code SA6G.30.495.50x		POSSIBILI ABBINAMENTI – POSSIBLE FITTINGS					
L	x						
125	0						
130	1						
135	2						
140	3						
		M037-26	MS70				
		M037-52					

VINTAGE LINE - Temples with integrated hinge (flex)

A660-26 | A660-27 | A660-28 | A660-29 | A660-31 FLEX [2.6 mm]



A660-26+M053+VA26

A660-27+M053+VA26

A660-28+M053+VA26

A660-29+M053+VA26

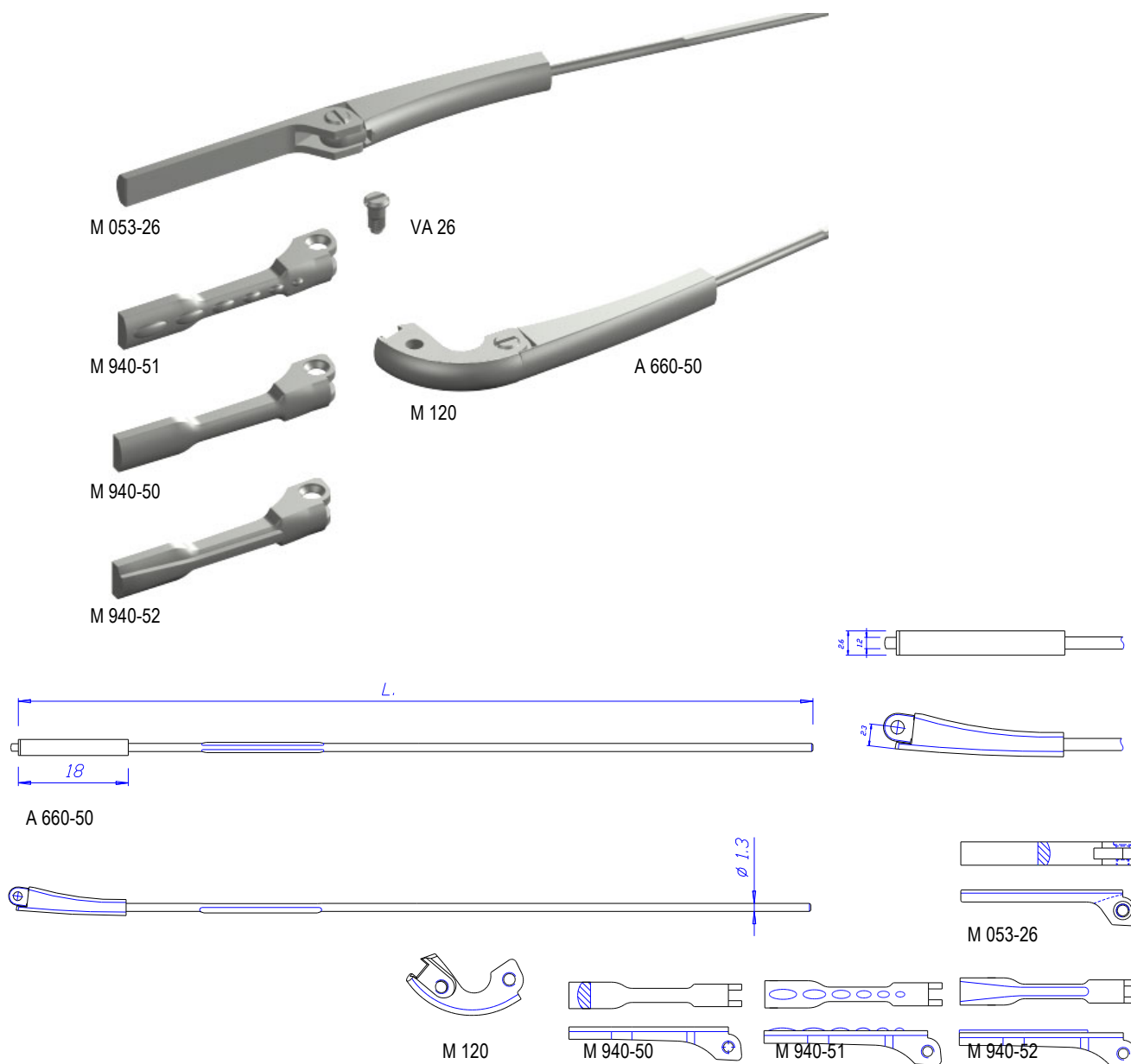
A660-31+M053+VA26

Materiale: Alpacca

Material: Nickel silver

Codice – Code		Codice – Code		Codice – Code		Codice – Code		POSSIBILI ABBINAMENTI – POSSIBLE FITTINGS					
F04.660.12.R0xx		F04.660.12.R0xx		F04.660.12.R0xx		F04.660.12.R0xx							
	XX		XX		XX		XX						
A660-26	60		70		80		90						
A660-27	50												

A660-50 FLEX [2.8 mm]

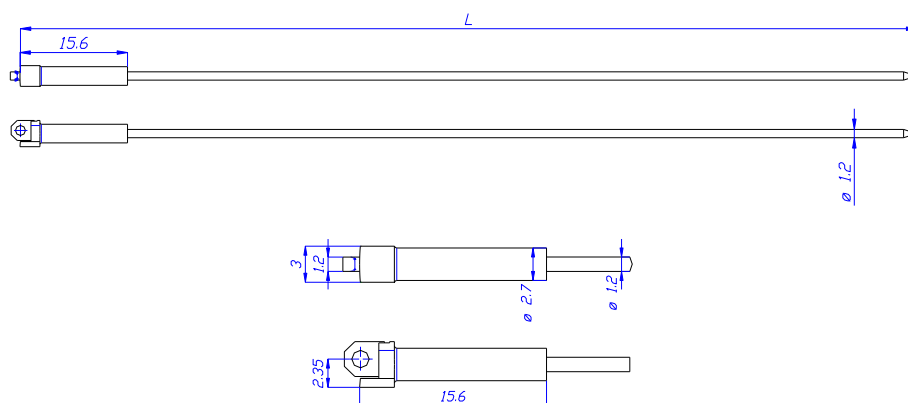
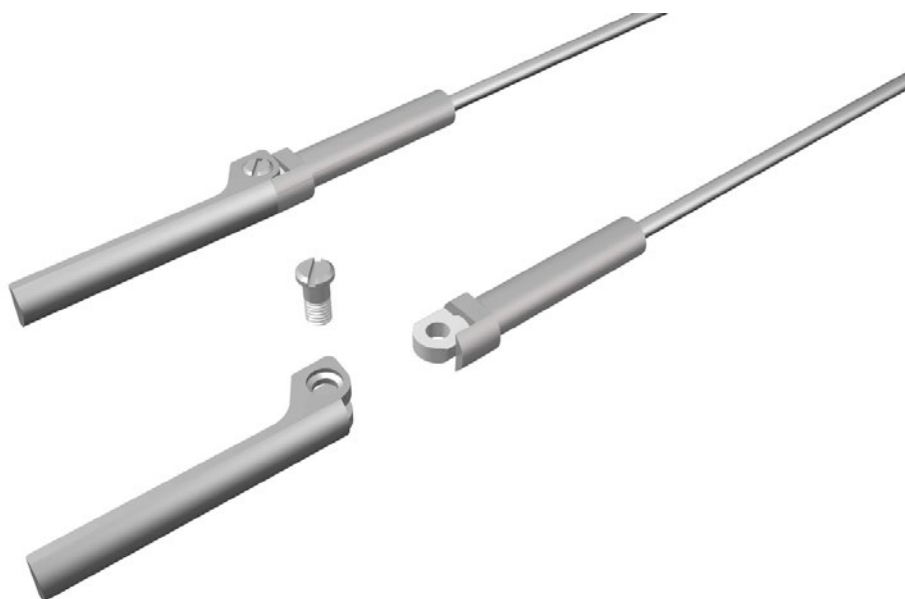


Materiale: Asta in alpacca, snodo in alpacca, anima in inox
Material: Nickel Silver temple, nickel Silver joint, Inox wire core

A 660-50		POSSIBILI ABBINAMENTI - POSSIBLE FITTINGS				
Codice - Code						
SA7G660.000.0x						
L	x					
120	3					
125	4					
130	0					
135	1					
140	2					
		M 053-26	M 940-50	M 940-51	M 940-52	M 120

VINTAGE LINE - Temples with integrated hinge (flex)

A792-50 FLEX [3.0 mm]



A 792-50

A 792-50 + M 049-27

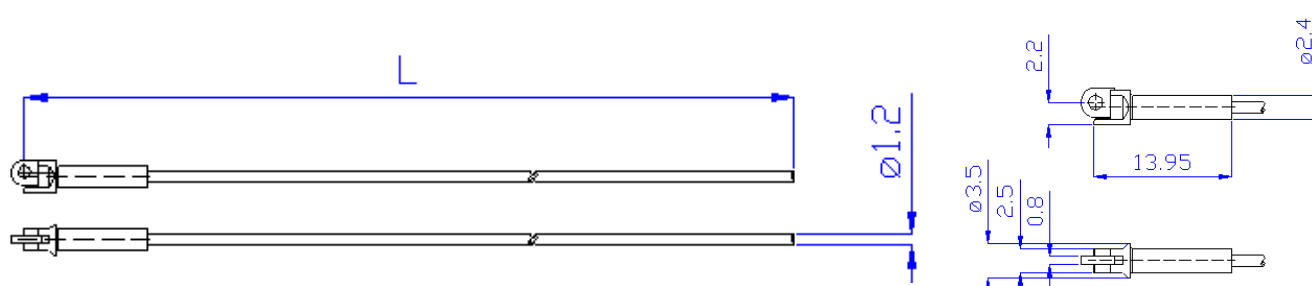
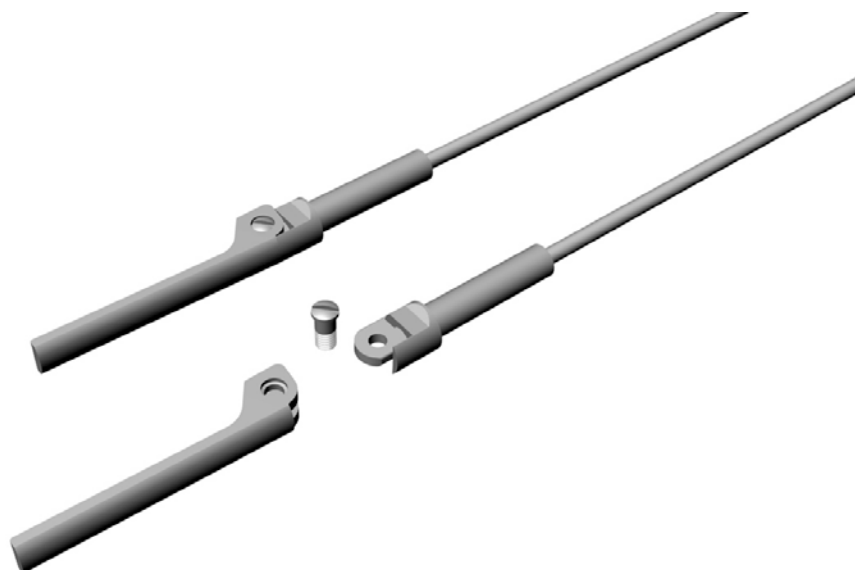
Materiale: Asta in alpaca – Muso in alpaca

Material: Temple in Nickel Silver – End piece in Nikel Silver

Codice – Code		Codice – Code		POSSIBILI ABBINAMENTI – POSSIBLE FITTINGS					
SA7G792.000.0x		FC792.049.000.x							
L	x	L	X						
120	0	120	0						
125	1	125	1						
130	2	130	2						
135	3	135	3						
140	4	140	4						
				M 049-27					

VINTAGE LINE - Temples with integrated hinge (flex)

A799 FLEX [2.5 mm]



A 799-51

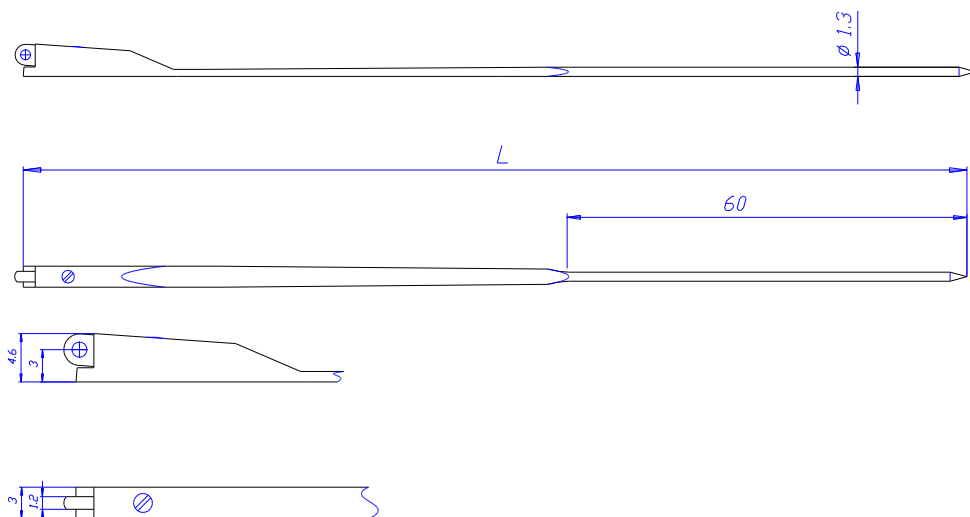
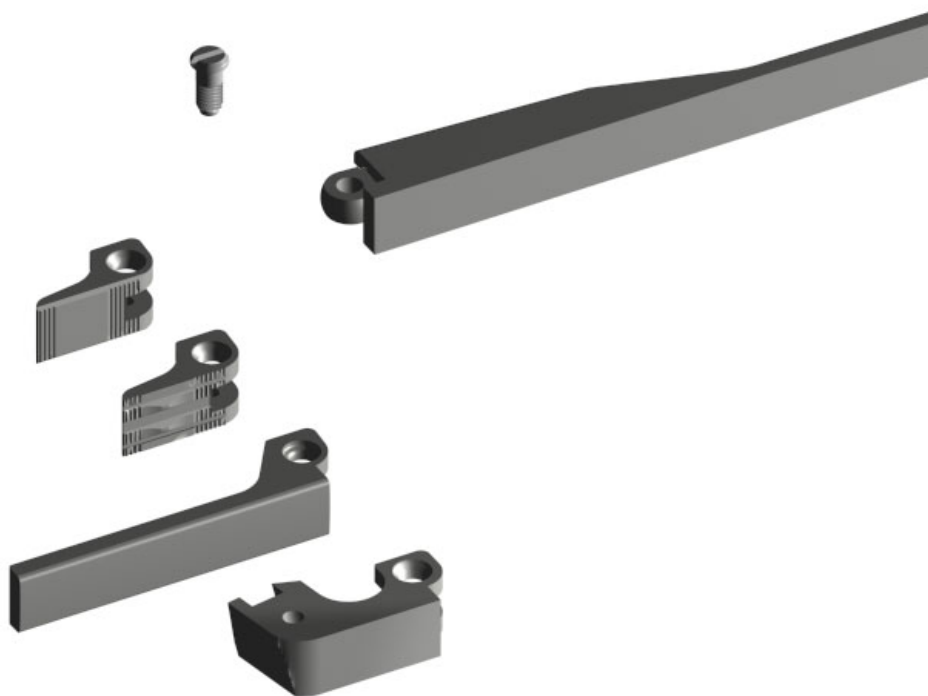
A 799-51 + M 049-28

Materiale: Asta in alpacca – Muso in alpacca

Material: Temple in Nickel Silver – End piece in Nickel Silver

Codice – Code		Codice – Code		POSSIBILI ABBINAMENTI – POSSIBLE FITTINGS					
SA7G799.000.1x		FC799.049.000.x							
L	x	L	X						
120	0	120	0						
125	1	125	1						
130	2	130	2						
135	3	135	3						
140	4	140	4	M 049-28					

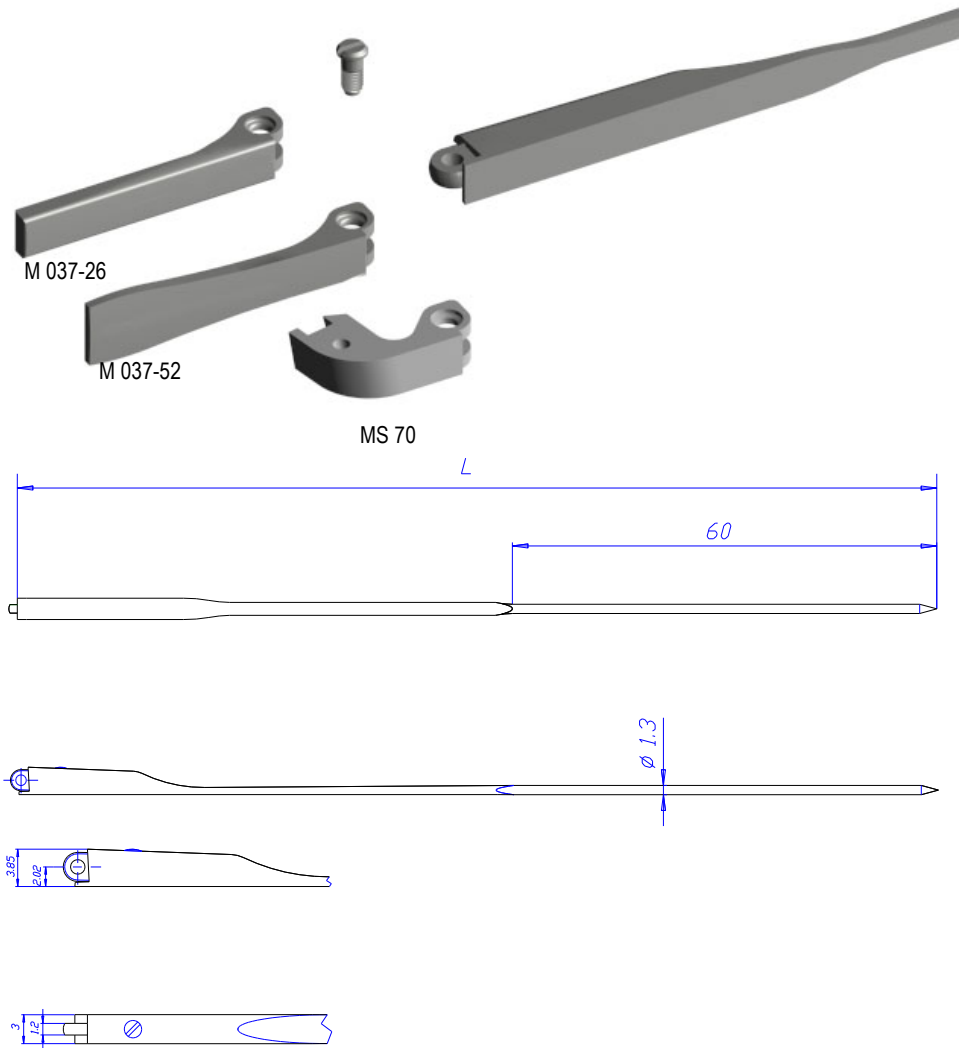
A335 [3.0 mm] | A350 [3.5 mm]



Materiale: Alpacca
Material: Nickel Silver

A 335-50		A350-50		POSSIBILI ABBINAMENTI – POSSIBLE FITTINGS					
Codice – Code		Codice – Code							
SA6G30.335.50x		SA6G35.350.50x							
L	x	L	x						
125	2	115	3						
130	0	120	4						
135	1	125	2	CS 3.0	CSP 3.0			M012	MS11
140	3	130	0						
		135	1	CS 3.5	CSP 3.5			M013	MS31
		140	5						
									MS41
									MS51

A502 [3.0 mm]

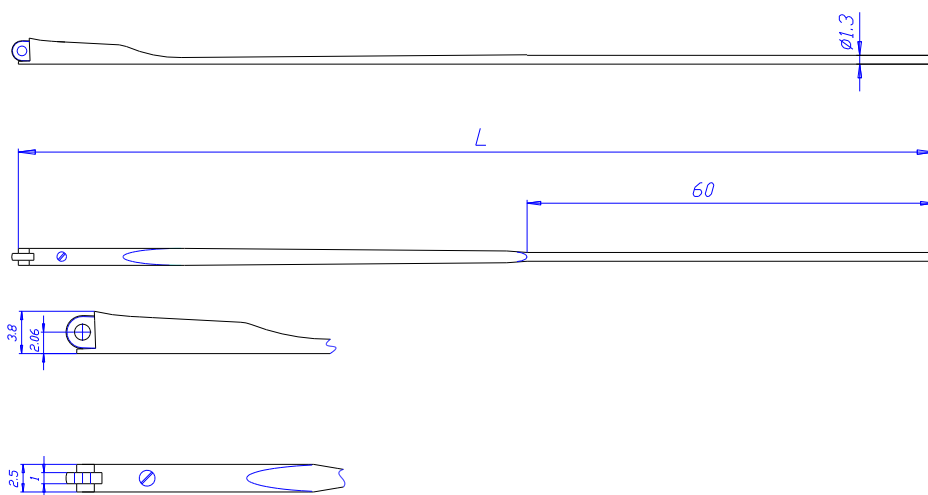
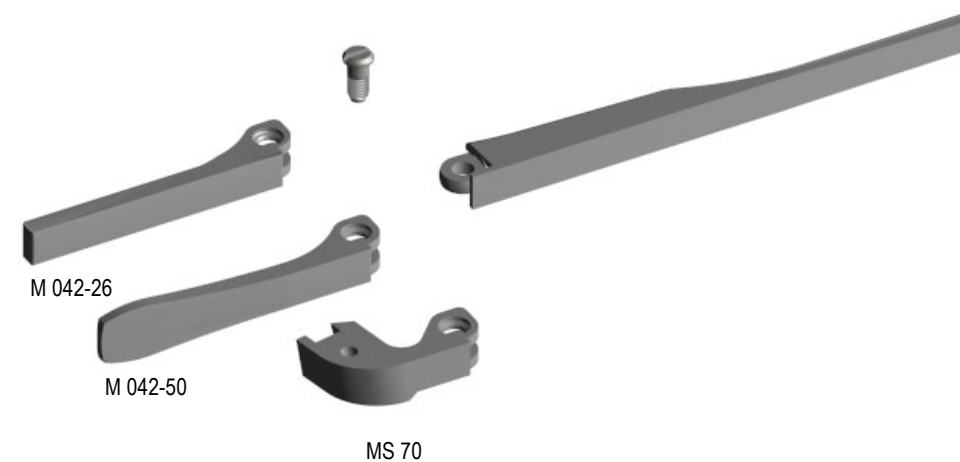


A 502-50

Materiale: Alpacca
Material: *Nichel Silver*

Codice - Code		POSSIBILI ABBINAMENTI - POSSIBLE FITTINGS			
SA6G.30.502.50x					
L	x				
130	0				
135	1				
140	2				
		M037-26	MS70		
		M037-52			

A550 [2.5 mm]



Materiale: Alpacca
Material: Nickel Silver

A 550-60

Codice - Code SA6G.550.R01.0x		POSSIBILI ABBINAMENTI - POSSIBLE FITTINGS					
L	x						
115	0						
120	1						
125	2						
130	3						
135	4						
140	5						
145	6						

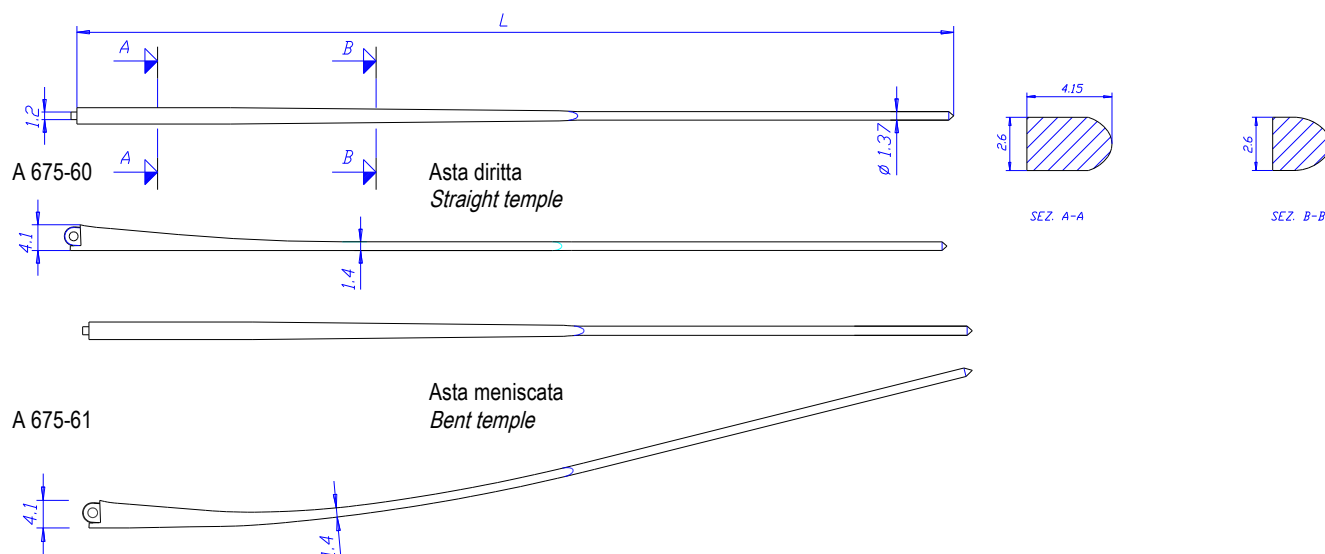
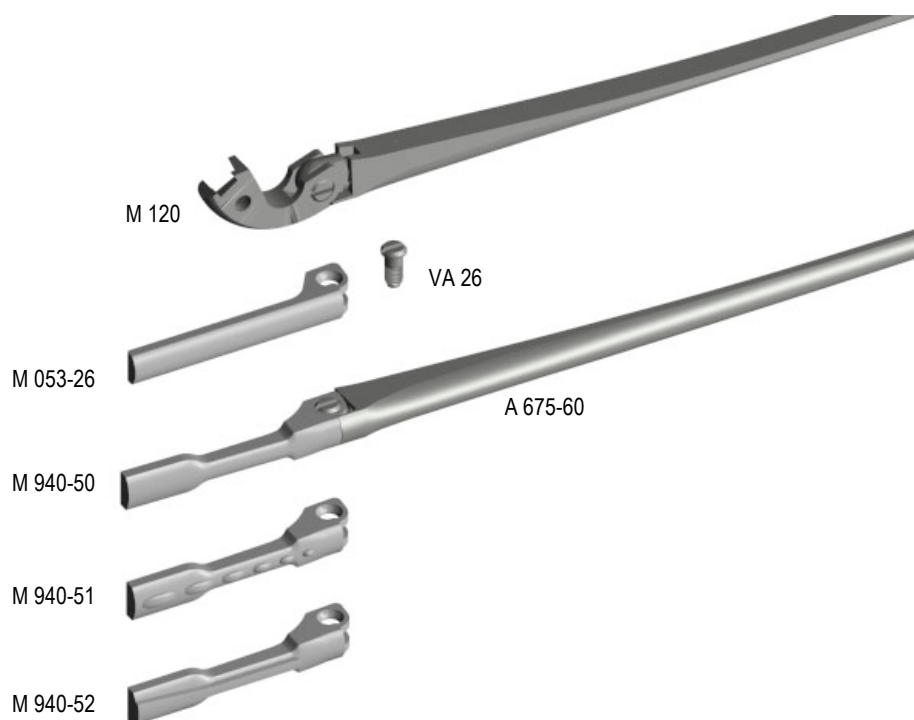


M042-26

MS70

M042-50

A675 [2.6 mm]



La lunghezza si riferisce all'asta diritta
The length refers to the temple before bending

Codice - Code		POSSIBILI ABBINAMENTI - POSSIBLE FITTINGS					
SA6G.675.R01.1x							
L	x						
115	0						
120	1						
125	2						
130	3						
135	4						
140	5						
145	6						

A676 [2.6 mm]



M 120

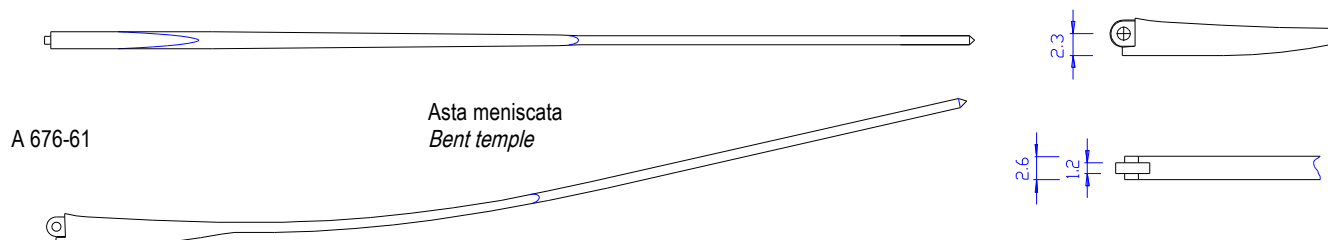
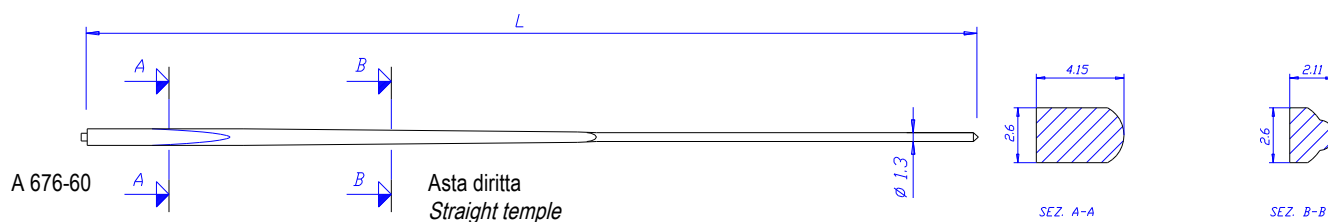
VA 26

M 053-26

M 940-50

M940-51

M 940-52

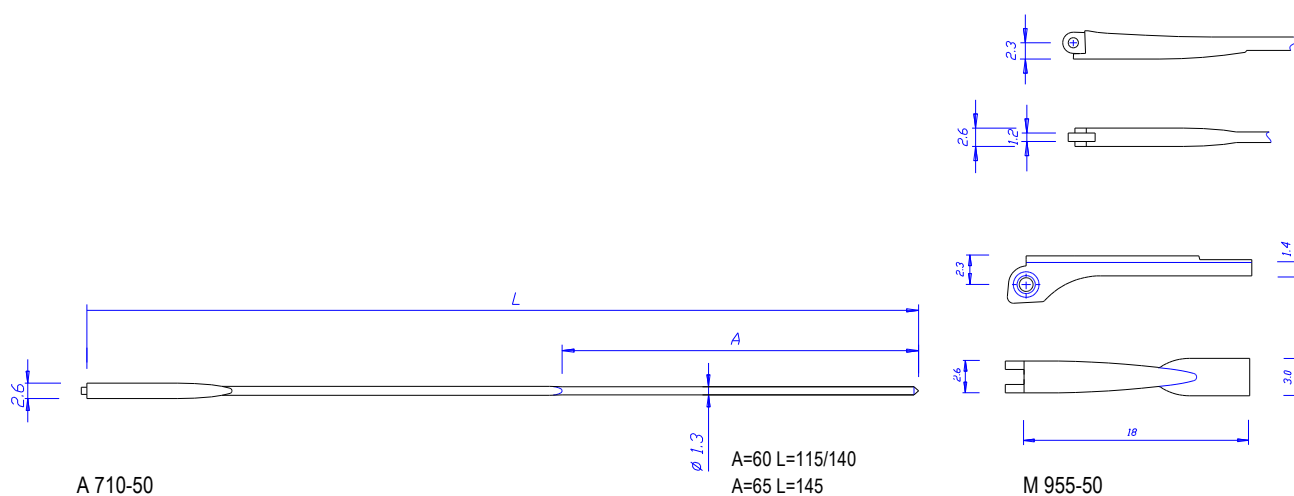
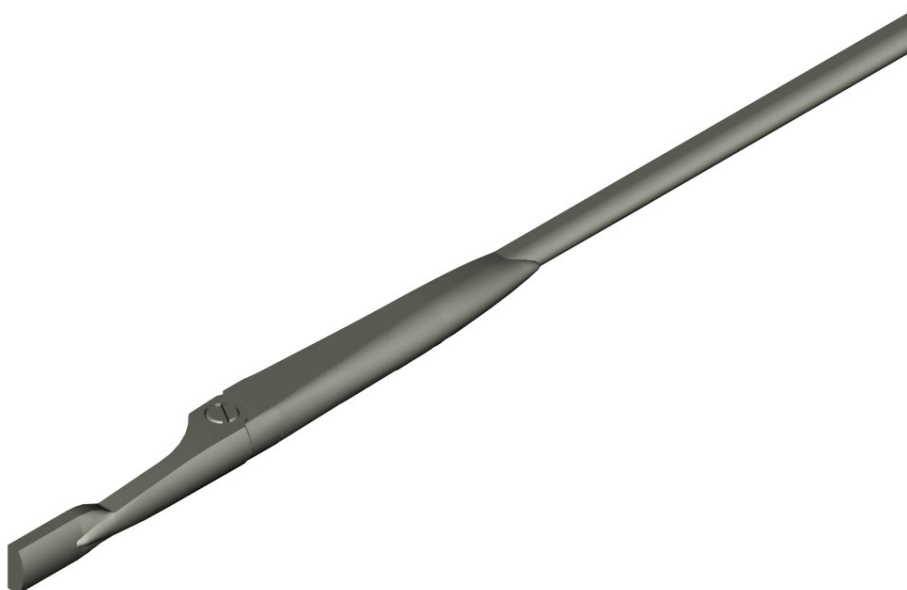


A 676-61

La lunghezza si riferisce all'asta diritta
The length refers to the temple before bending

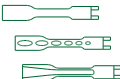
Codice - Code		POSSIBILI ABBINAMENTI - POSSIBLE FITTINGS					
SA6G.676.R01.1x							
L	x						
115	0						
120	1						
125	2						
130	3						
135	4						
140	5						
145	6						
		M 053-26	M 940-50	M 940-51	M 940-52	M 120	CSC-2.6

A710 [2.6 mm]

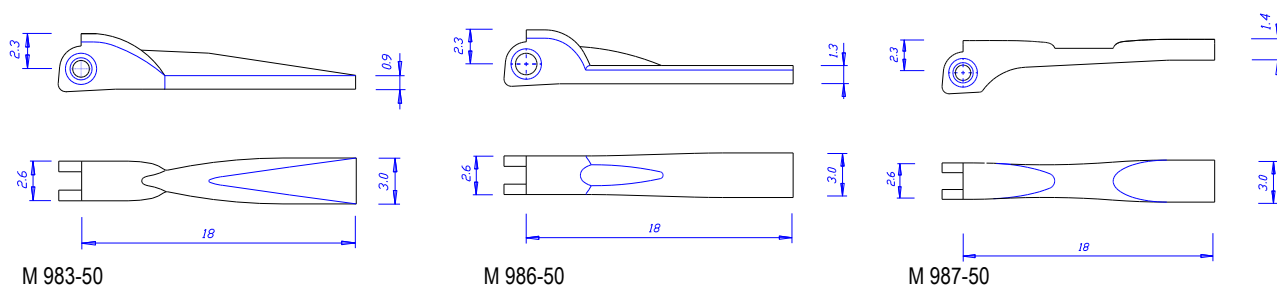
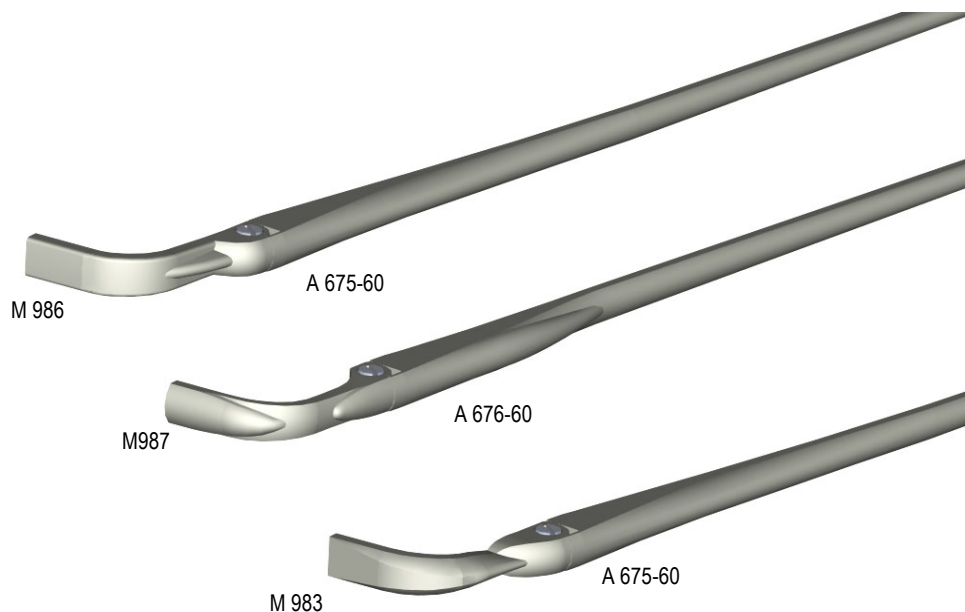


Materiale: Alpacca
Material: Nickel Silver

A 710-50

Codice - Code		POSSIBILI ABBINAMENTI - POSSIBLE FITTINGS					
SA6G710.R00.0x							
L	x						
115	0						
120	1						
125	2						
130	3						
135	4						
140	5	M 955-50	M 053-26	CSC 2.6	M 940-50 M 940-51 M 940-52	M 983-50 M 986-50 M 987-50	M 120
145	6						

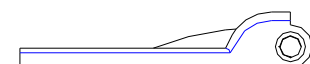
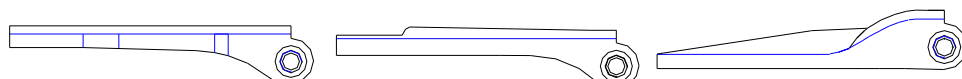
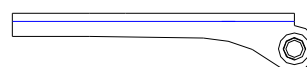
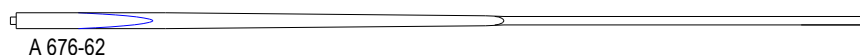
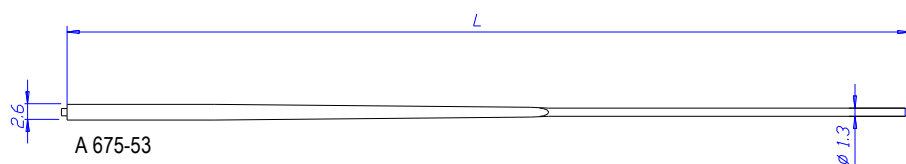
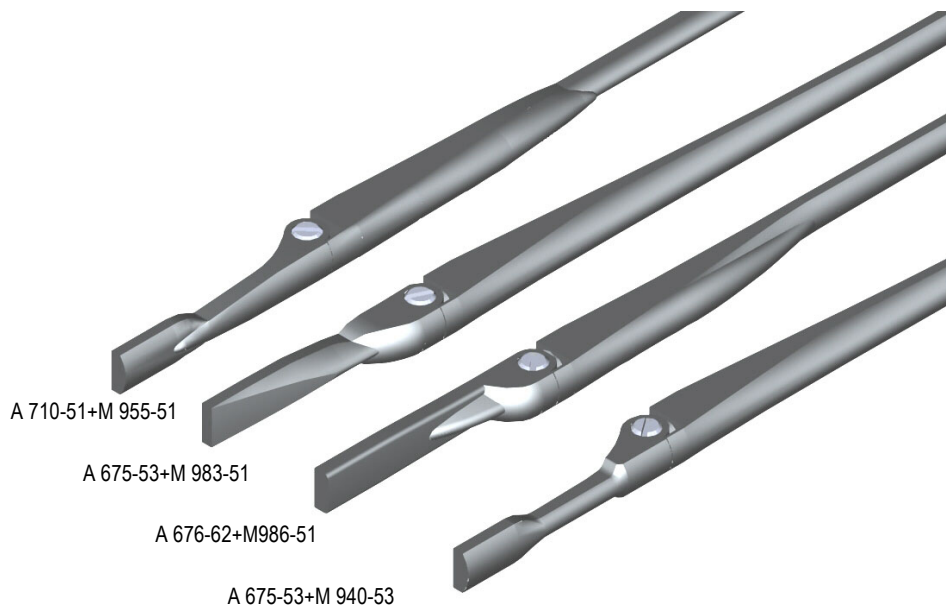
A675 | A676 [2.6 mm] M983 | M986 | M987



Materiale: Alpacca
Material: Nickel Silver

POSSIBILI ABBINAMENTI – POSSIBLE FITTINGS					
M 983	M 986	M 987	M 053-26	M 940-50 M 940-51 M 940-52	M 120

A675 | A676 | A710 [2.6 mm] M940 | M55 | M983 | M986 | M988



M 940-53

M 955-51

M 983-51

M 986-51

A 675-53

A 676-62

A 710-51

Material: Titanium grade II

Codice - Code SA6G.675.R00.3x		Codice - Code SA6G.676.R01.2x		Codice - Code SA6G.710.R0.1x		POSSIBILI ABBINAMENTI - POSSIBLE FITTINGS					
L	x	L	x	L	x						
115	0	115	0	115	0						
120	1	120	1	120	1						
125	2	125	2	125	2						
130	3	130	3	130	3						
135	4	135	4	135	4						
140	5	140	5	140	5						
145	6	145	6	145	6						

M 940-53

M 955-51

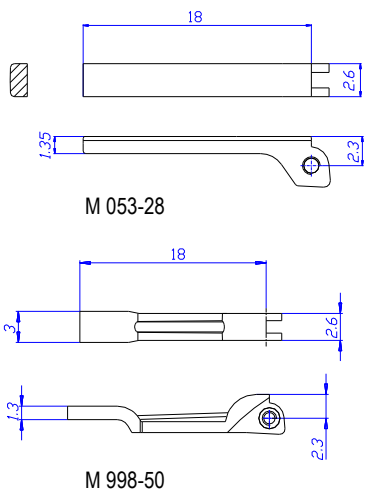
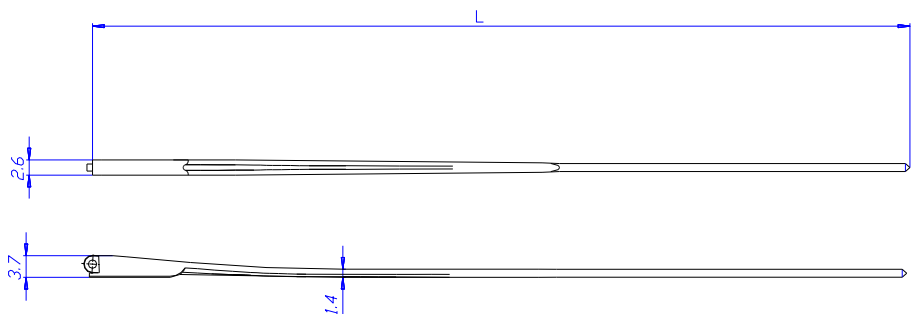
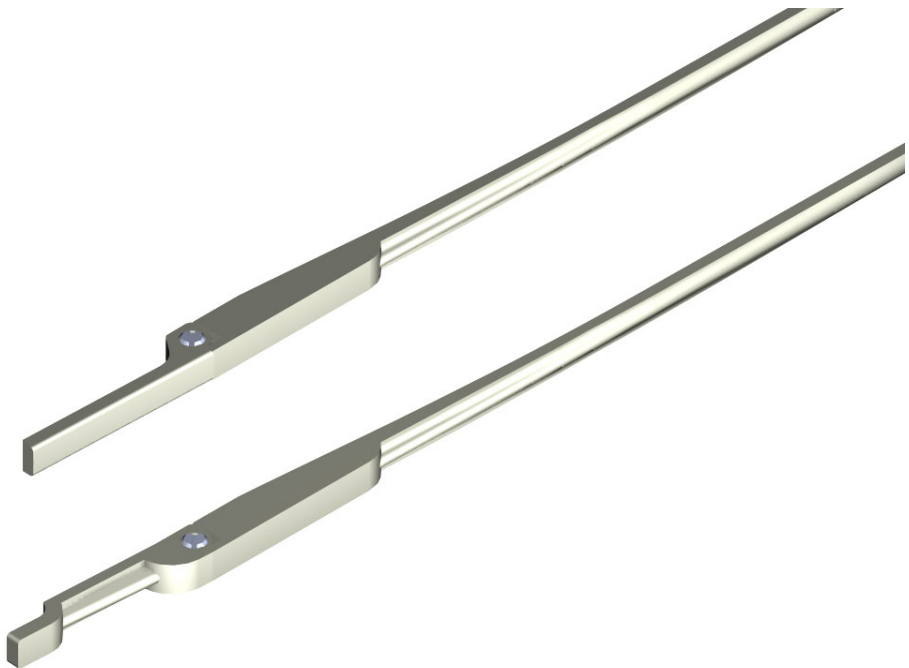
M 983-51

M 986-51

M 988-50

CSCT 2.6

A717 [2.6 mm]

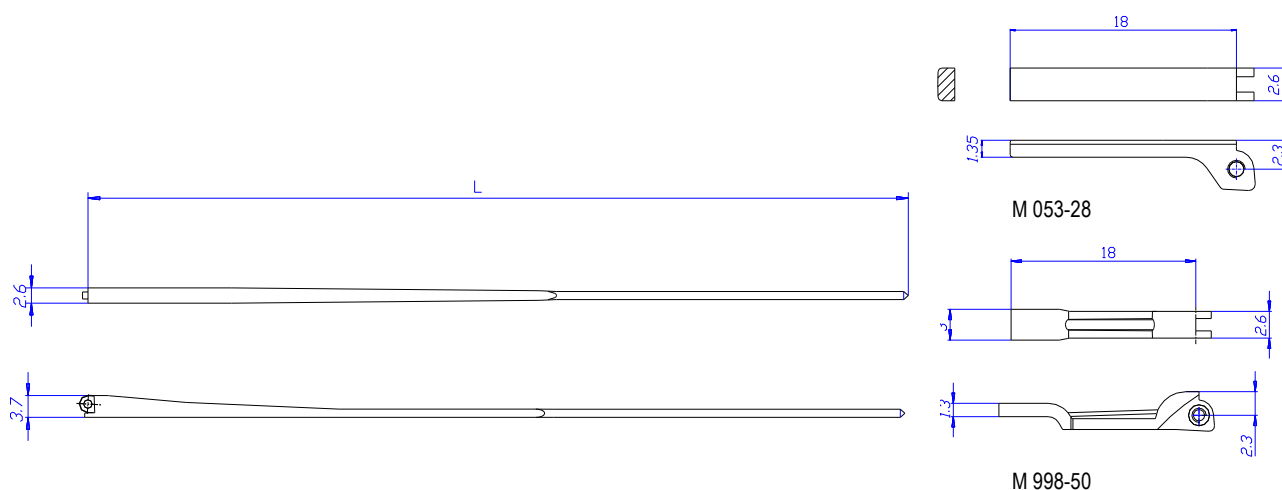
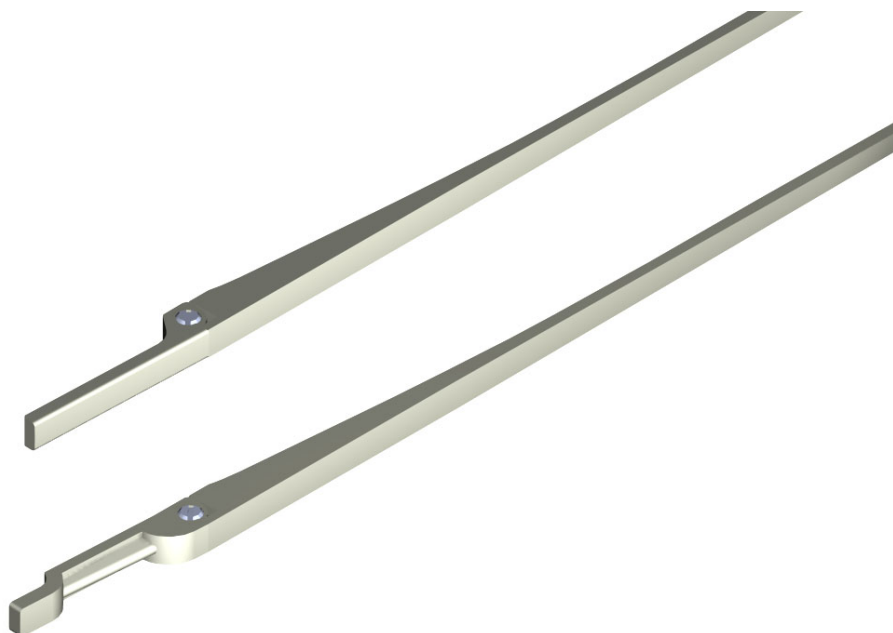


Materiale: Alpacca
Material: *Nichel Silver*

A 717-50

Codice - Code		POSSIBILI ABBINAMENTI - POSSIBLE FITTINGS										
SA6G.717.R00.0x												
L	x											
115	0											
120	1											
125	2											
130	3											
135	4											
140	5											
145	6											

A726 [2.6 mm]



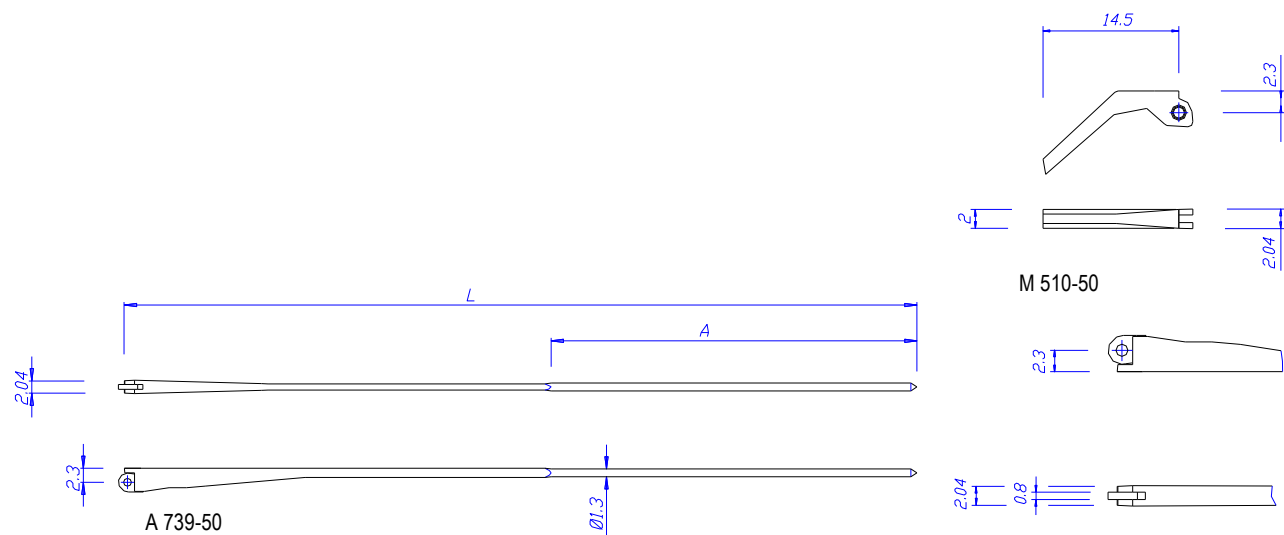
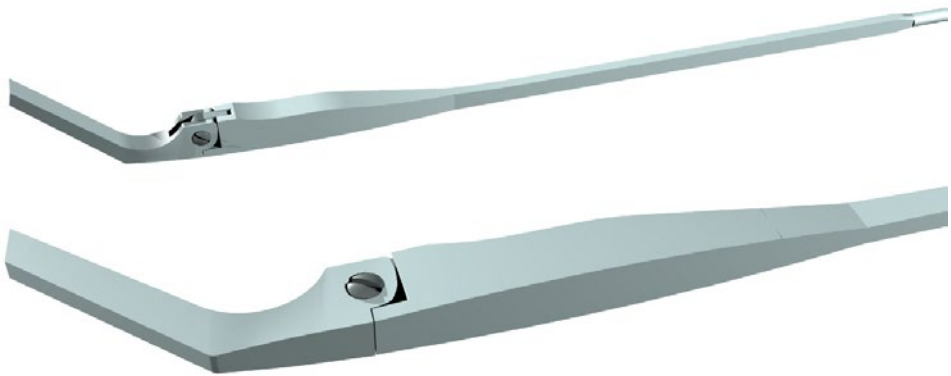
A 726-50

Materiale: Alpacca
Material: Nichel Silver

Disponibile in titanio grado II e alluminio
Available in titanium grade II and aluminium

Codice - Code		POSSIBILI ABBINAMENTI - POSSIBLE FITTINGS										
SA6G.726.R00.0x												
L	x											
115	0											
120	1											
125	2											
130	3											
135	4											
140	5											
145	6											
		M 053-28	M 998-50	CSC-2.6								

A739 [2.0 mm]



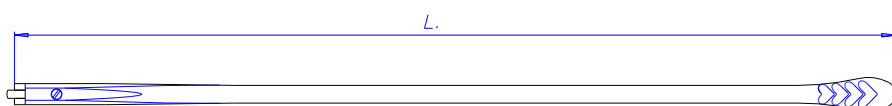
M 510-50

A 739-50

Materiale: Alpacca
Material: Nichel silver

Codice - Code		POSSIBILI ABBINAMENTI - POSSIBLE FITTINGS					
SA6G.739.R000.x							
L	x	M 510-50	CSC-2.1				
130	0						
135	1						

A625-53 [2.6 mm]



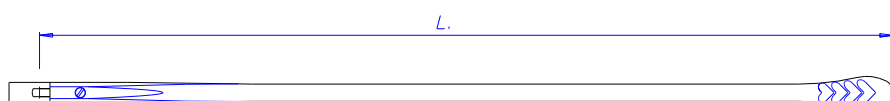
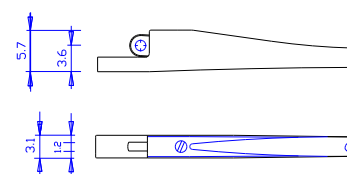
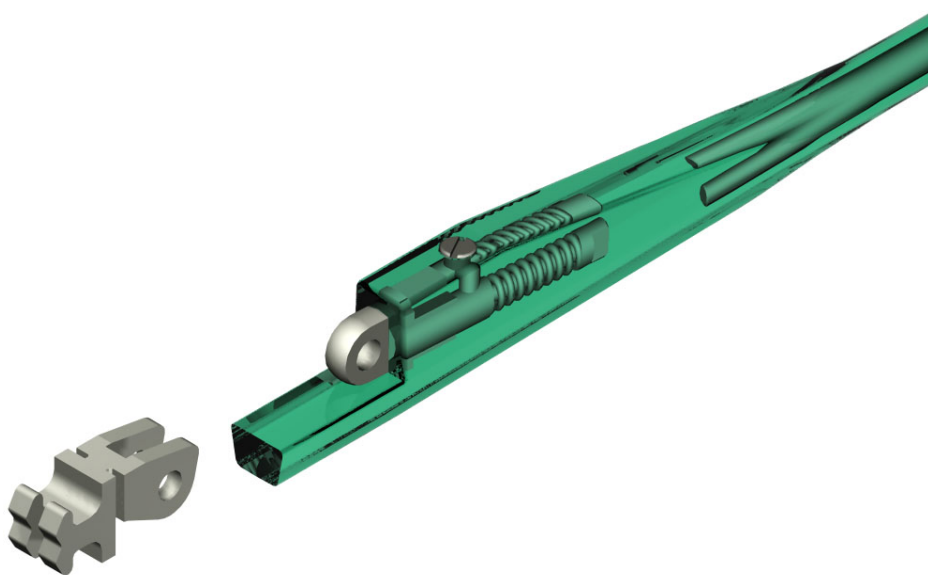
A 625-53

Materiale plastico (cristamid) – per la verniciatura massima temperatura consigliata 50-60°C per 1 ora e 30 minuti
Plastic material (cristamid) - for colouring, suggested temperature max 50-60°C for 1 hour and 30 minutes

Codice – Code	
SA5G.625.000.3x	
L	x
130	0
135	1
140	2
145	3

POSSIBILI ABBINAMENTI – POSSIBLE FITTINGS					
CS 2.6	CSP 2.6			M012-36	

A625-55 [2.6 mm]

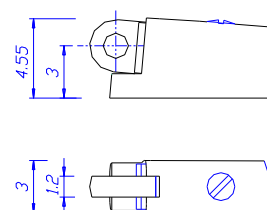
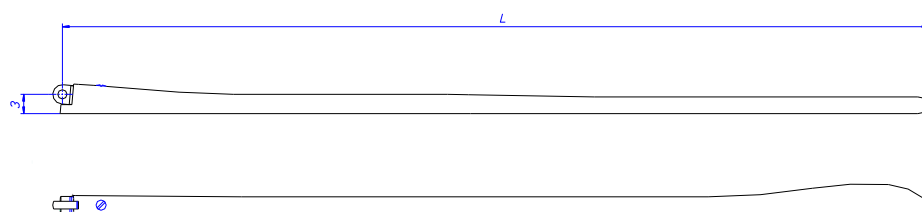
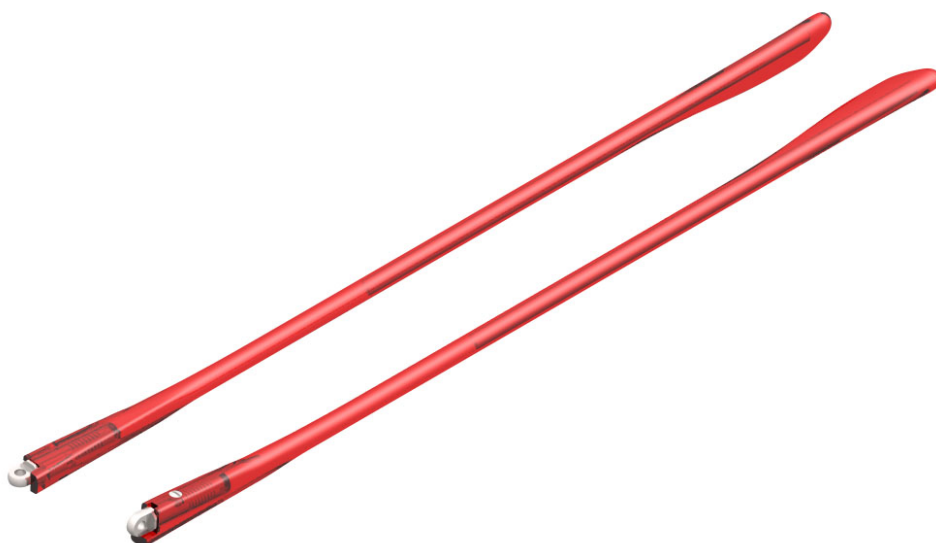


A 625-55

Materiale plastico (cristamid) – per la verniciatura massima temperatura consigliata 50-60°C per 1 ora e 30 minuti
Plastic material (cristamid) - for colouring, suggested temperature max 50-60°C for 1 hour and 30 minutes

Codice – Code SA5G.625.000.5x		POSSIBILI ABBINAMENTI – POSSIBLE FITTINGS					
L	x						
130	0						
135	1						
140	2						
145	3						
		F21					

A762 [2.6 mm]



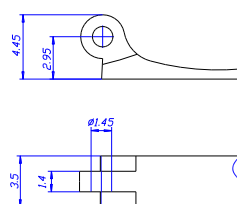
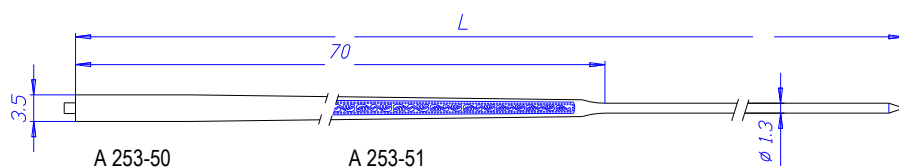
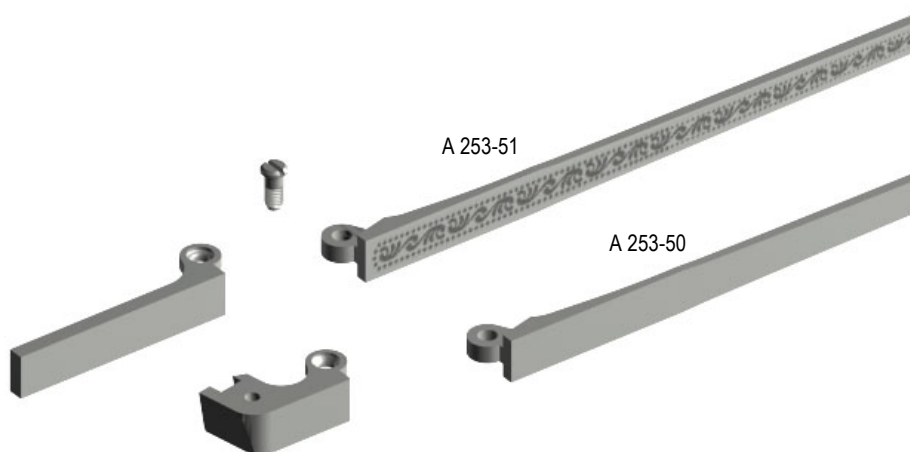
Materiale plastico (cristamid) – per la verniciatura massima temperatura consigliata 50-60°C per 1 ora e 30 minuti
 Plastic material (cristamid) - for colouring, suggested temperature max 50-60°C for 1 hour and 30 minutes

A 762-51 aperta

A 762-52 non aperta

Codice – Code		Codice – Code		POSSIBILI ABBINAMENTI – POSSIBLE FITTINGS					
SA5G.762.R00.1x		SA5G.762.R00.2x							
L	x	L	x						
130	0	130	0						
135	1	135	1						
140	2	140	2						

A253 [3.5 mm]



part. A253-51

A 253-50

A 253-51

Materiale: Bronzo

Material: Bronze

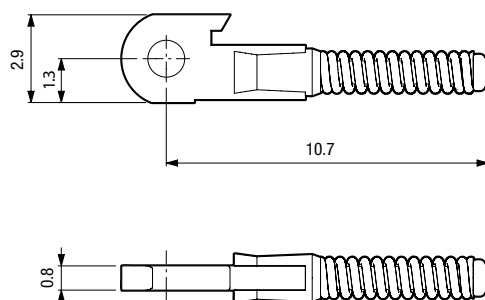
Codice - Code		Codice - Code		POSSIBILI ABBINAMENTI - POSSIBLE FITTINGS					
SA4G35.253.00x		SA4G35.253.01x							
L	x	L	x						
120	5	125	0						
125	0	130	1						
130	1	135	2						
135	2								
140	3								
145	4			M 010-25	M 011				



K5 0.8 | stainless steel

SFAS08020010 | hard spring

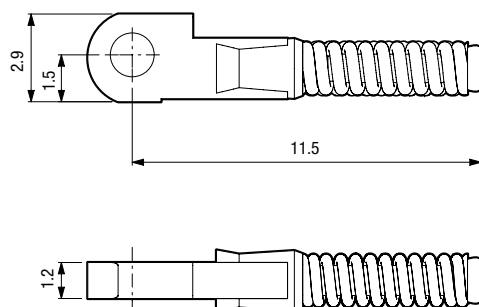
SFAS08020000 | soft spring



B 1.2 | nickel silver

SFAS12100010 | hard spring

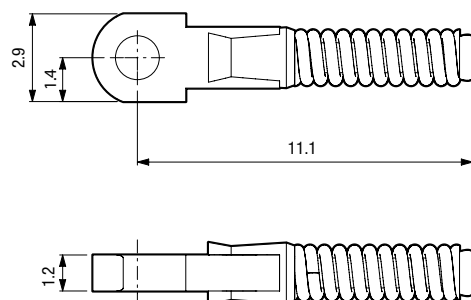
SFAS12100000 | soft spring



R 1.2 | nickel silver

SFAS12250010 | hard spring

SFAS12290020 | soft spring

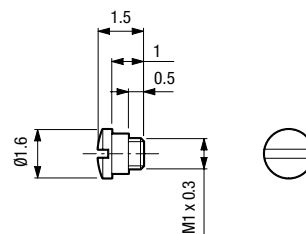
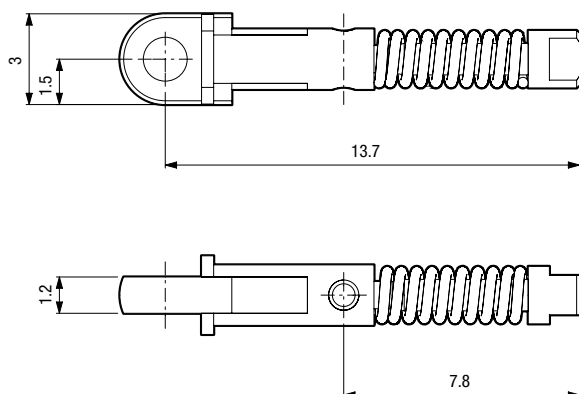


U 1.2 | nickel silver

SFAS12310040 | hard spring

SFAS12310000 | soft spring

Fixing screw: A1VF1501 

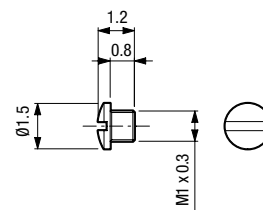
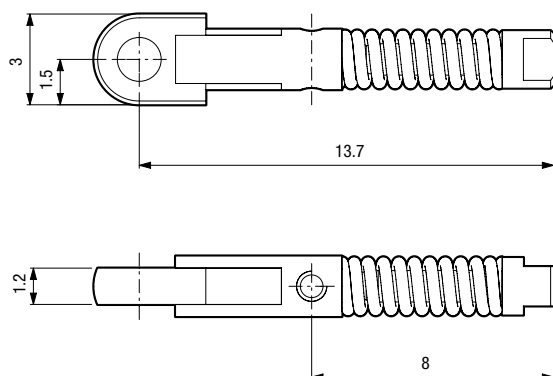


I 1.2 | nickel silver

SFAS12150000 | hard spring

SFAS12160000 | soft spring

Fixing screw: A1VF1200 



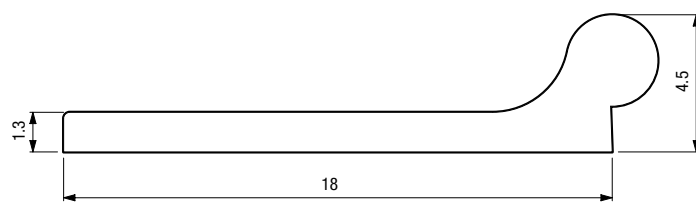


END-PIECES | available profiles

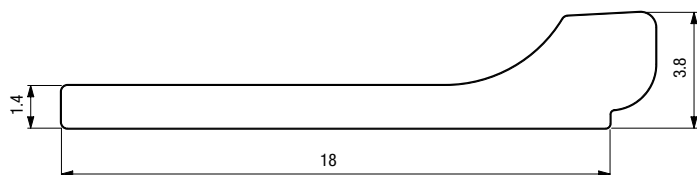
AOAS1022 | nickel silver



AOAS1028 | nickel silver



AOAS1160 | nickel silver

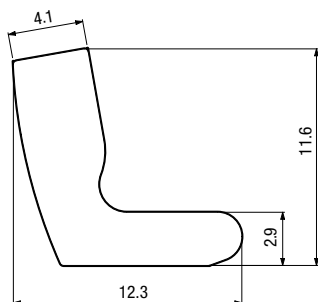


AOAS1170 | nickel silver

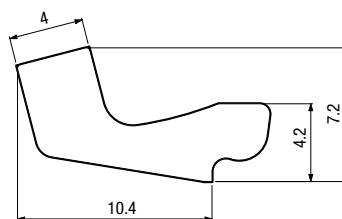


MONOBLOCKS | available profiles

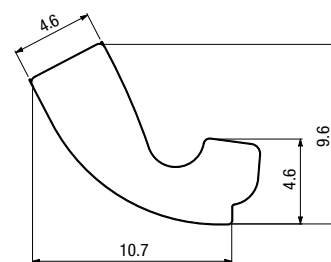
AOAS1012 | nickel silver



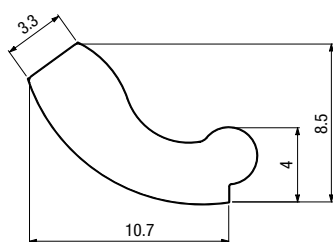
AOAS1084 | nickel silver



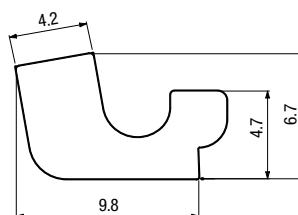
AOAS1085 | nickel silver



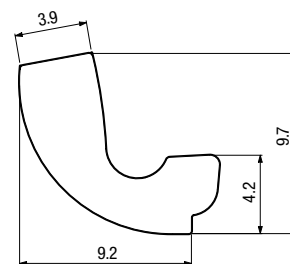
AOAS1009 | nickel silver



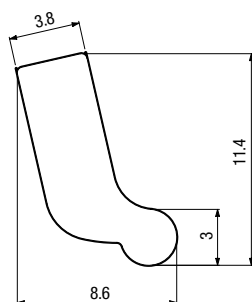
AOAS10A6 | nickel silver



AOAS1013 | nickel silver



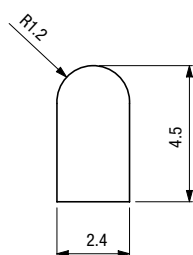
AOAS1086 | nickel silver



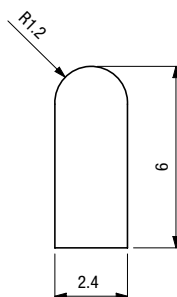


RIMLOCKS | available profiles

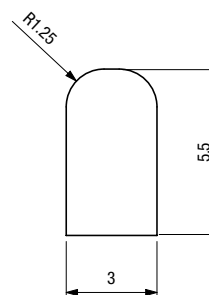
AOAS1031 | nickel-silver



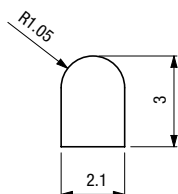
AOAS1033 | nickel-silver



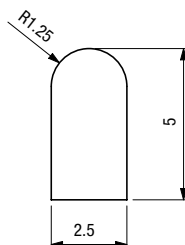
AOAS1057 | nickel-silver



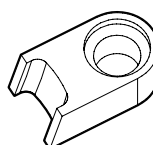
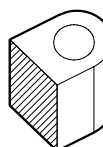
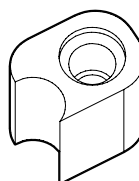
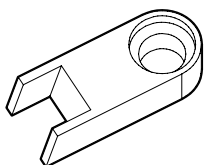
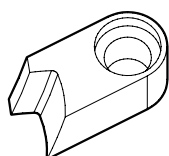
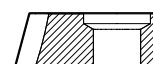
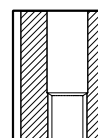
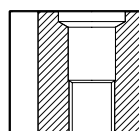
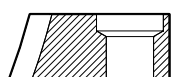
AOTS1036 | titanium



AOTS1035 | titanium



Possibility of customizations





HINGE SCREW

CODE	A	B	C
A1VA2100	2.1	1.6	1.1
A1VA2501	2.5	2.0	1.6
A1VA2700	2.7	2.2	1.3
A1VA2902	2.9	2.4	1.5
A1VA3100	3.1	2.6	1.3
A1VA3300	3.3	2.8	1.4
A1VA3500	3.5	3.0	1.9
A1VA3800	3.8	3.3	1.9
A1VA4000	4.0	3.5	1.9
A1VA4500	4.5	4.0	1.9
A1VA4800	4.8	4.3	1.5
A1VA5200	5.2	4.7	2.0
A1VA5400	5.4	4.9	2.0
A1VA5800	5.8	5.3	2.2
A1VA6300	6.3	5.8	3.0
A1VA7100	7.1	6.6	3.2
A1VA7400	7.4	6.9	3.2
A1VA8900	8.9	8.4	4.0

• Material: stainless steel

CODE	A	B	C
A1VA4003	4.0	3.5	1.3
A1VA4700	4.7	4.2	1.4
A1VA5000	5.0	4.5	1.5
A1VA5300	5.3	4.8	1.6

• Material: stainless steel

CODE	A	B	C
A1VA2900	2.9	2.2	1.1
A1VA3000	3.0	2.3	1.6
A1VA3501	3.5	2.8	1.4
A1VA3200	3.9	2.5	1.6
A1VA4802	4.8	4.1	2.1

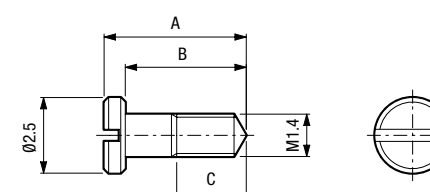
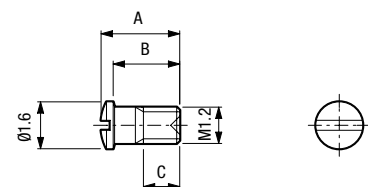
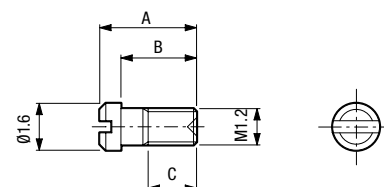
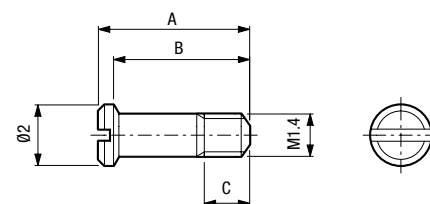
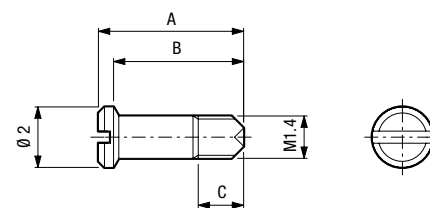
• Material: stainless steel

CODE	A	B	C
A1VA2600	2.6	2.2	1.2
A1VA2901	2.9	2.5	1.4
A1VA3400	3.4	3.0	1.4
A1VA3804	3.8	3.4	1.8
A1VA4001	4.0	3.6	2.1
A1VA6200	6.2	5.8	3.0

• Material: stainless steel

CODE	A	B	C
A1VC4005	4.0	3.3	2.0
A1VC4703	4.7	4.0	2.3
A1VC5201	5.2	4.5	2.3

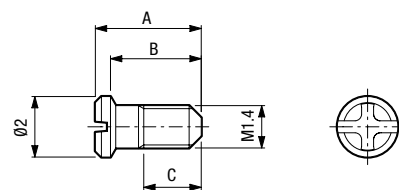
• Material: stainless steel



HINGE SCREW

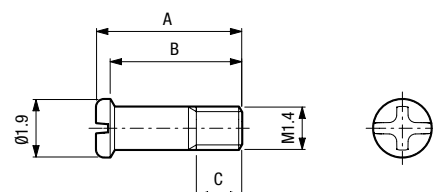
CODE	A	B	C
A1VX3000	3.0	2.5	1.3
A1VX3200	3.2	2.7	1.9
A1VX3500	3.5	3.0	1.9
A1VX3700	3.7	3.2	2.5
A1VX4000	4.0	3.5	1.9
A1VX4500	4.5	4.0	2.5
A1VX4800	4.8	4.3	1.5

• Material: stainless steel



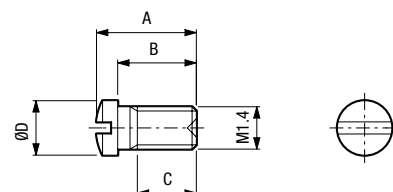
CODE	A	B	C
A1VX3800	3.8	3.2	1.2
A1VX4503	4.5	4.0	1.4
A1VX4801	4.8	4.2	1.5
A1VX5100	5.1	4.5	1.6

• Material: stainless steel



CODE	A	B	C	D
A1VC2600	2.6	1.9	1.4	1.8
A1VC2800	2.8	2.1	1.6	1.8
A1VC3002	3.0	2.3	1.8	1.8
A1VC3201	3.2	2.5	2.0	1.8
A1VC3300	3.3	2.6	2.0	1.8
A1VC3501	3.5	2.8	2.1	1.8
A1VC3800	3.8	3.1	2.4	1.8
A1VC4204	4.2	3.5	2.4	1.8
A1VC2801	2.8	2.1	1.7	2.0
A1VC3102	3.1	2.4	2.0	2.0
A1VC3004	3.0	2.3	1.8	2.0
A1VC3202	3.2	2.5	2.0	2.0
A1VC3302	3.3	2.6	2.0	2.0
A1VC3403	3.4	2.7	2.0	2.0
A1VC3600	3.6	2.9	2.0	2.0
A1VC3903	3.9	3.2	2.3	2.0
A1VC4203	4.2	3.5	2.4	2.0

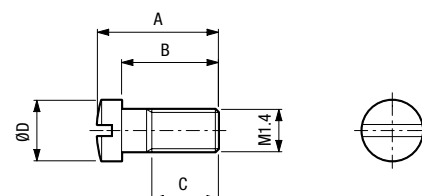
• Material: stainless steel



RIM-LOCK SCREW

CODE	A	B	C	D
A1VH4010	4.0	3.2	2.2	2.0
A1VH4500	4.5	3.7	2.7	2.0
A1VH5000	5.0	4.2	3.2	2.0
A1VH5500	5.5	4.7	3.7	2.0
A1VH4020	4.0	3.2	2.2	2.2
A1VH4510	4.5	3.7	2.7	2.2
A1VH5010	5.0	4.2	3.2	2.2
A1VH5510	5.5	4.7	3.7	2.2

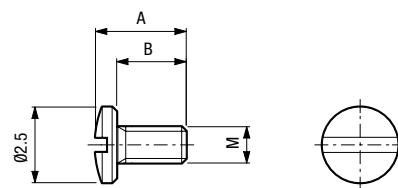
• Material: stainless steel



TUBE SCREW

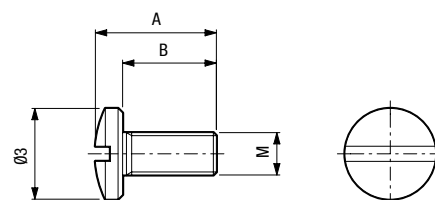
CODE	A	B	M
A1VB2503	2.5	1.8	1.4
A1VB2700	2.7	2.0	1.4
A1VB3003	3.0	2.3	1.4
A1VB3503	3.5	2.8	1.4
A1VB4003	4.0	3.3	1.4
A1VB4503	4.5	3.8	1.4
A1VB5001	5.0	4.3	1.4
A1VB6001	6.0	5.3	1.4
A1VB2000	2.0	1.3	1.2
A1VB2502	2.5	1.8	1.2
A1VB3002	3.0	2.3	1.2
A1VB3502	3.5	2.8	1.2
A1VB4002	4.0	3.3	1.2
A1VB4502	4.5	3.8	1.2
A1VB5002	5.0	4.3	1.2

- Material: stainless steel
- Characteristics: fully threaded



CODE	A	B	C
A1VB2500	2.5	1.6	1.4
A1VB3000	3.0	2.1	1.4
A1VB3500	3.5	2.6	1.4
A1VB4000	4.0	3.1	1.4
A1VB4500	4.5	3.6	1.4
A1VB5003	5.0	4.1	1.4
A1VB5500	5.5	4.6	1.4
A1VB6000	6.0	5.1	1.4
A1VB2501	2.5	1.6	1.2
A1VB3001	3.0	2.1	1.2
A1VB3501	3.5	2.6	1.2
A1VB4001	4.0	3.1	1.2
A1VB4501	4.5	3.6	1.2

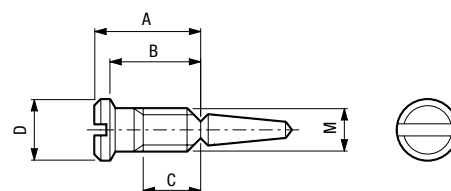
- Material: stainless steel
- Characteristics: fully threaded



SELF-ALIGNING SCREW

CODE	A	B	C	D	M
A1VR6100	3.1	2.6	1.9	2.0	1.4
A1VR6500	3.5	3.0	1.9	2.0	1.4
A1VR7000	4.0	3.5	1.9	2.0	1.4
A1VR7800	4.8	4.3	1.9	2.0	1.4
A1VR5700	3.2	2.5	1.6	1.5	1.2

- Material: stainless steel



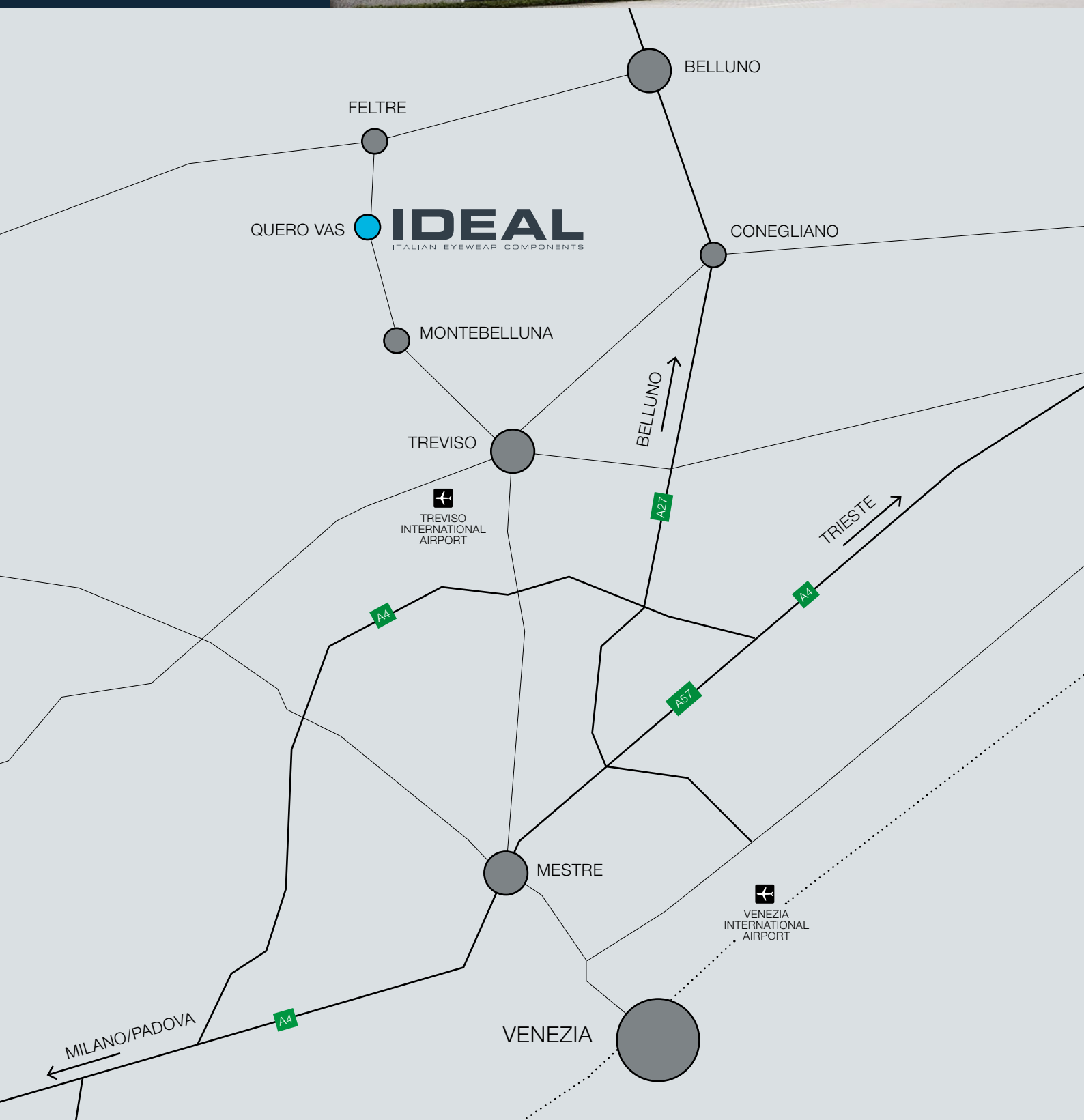
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