



# DUE EMME

THERMOPLASTIC ACCESSORIES





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Dal 1979 progettazione e produzione di accessori termoplastici per svariati settori quali:

- **Abbigliamento sportivo**
- **Militare**
- **Medicale**
- **Abiti da lavoro**
- **Infanzia**
- **Nautica**
- **Cartotecnica**
- **Pelletteria**
- **Fashion**

Dal 2023 anche costruzione e manutenzione di stampi ad iniezione.

I prodotti illustrati nel presente catalogo sono coperti da uno o più brevetti, sia a livello di invenzione industriale che come modelli ornamentali.

A difesa delle contraffazioni i nostri particolari sono individuabili **tramite il marchio '2M'** riportato su ogni articolo.

I dati tecnici riportati sul presente catalogo sono da considerarsi indicativi e non vincolanti.

Due Emme non si assume, quindi, alcuna responsabilità per quanto concerne i danni causati dall'abuso o uso improprio delle caratteristiche dei prodotti e si riserva la possibilità di apportare variazioni in qualsiasi momento, senza preavviso. Inoltre non possiamo garantire a priori che un articolo sia adatto ad una particolare applicazione, è quindi necessario che il cliente effettui i test necessari per valutare la conformità dell'articolo all'uso finale.

From 1979 design and production of thermoplastic accessories for various sectors, such as:

- **Sports wear**
- **Military**
- **Medical**
- **Work wear**
- **Juvenile**
- **Marine**
- **Stationery**
- **Leatherhood**
- **Fashion**

From 2023 also injection molds constructions and maintenance.

The products showed in this catalogue are protected by one or more patents, both as invention and as ornamental models.

As protection against falsification, our articles can be identified **by the trademark '2M'** inscribed on every product.

The technical data indicated in this catalogue are approximate and not mandatory.

Due Emme therefore will not assume any liability for damages caused by abuse or improper use of the characteristics of its products and reserve its own right to make modifications at any time, without notice. Moreover we cannot guarantee that a product is suitable or not for a particular application, therefore the customer should always conduct its own tests to evaluate the conformity of the item to the final use.



### 3 SEDI

- La **Sede Commerciale**, situata a Milano, si occupa della gestione degli ordini e delle spedizioni ai clienti.
- La **Divisione Stampi**, situata a Brescia, si occupa della manutenzione e costruzione di stampi ad iniezione.
- La **Sede Produttiva**, situata a Brescia, è incaricata dell'approvvigionamento delle materie prime e dello stampaggio dei componenti in plastica.



### 3 LOCATIONS

- The **Commercial Headquarter**, located in Milan, handles order management and customer shipments.
- The **Tooling Division**, located in Brescia, is responsible for the maintenance and manufacture of injection moulds.
- The **Production Site**, located in Brescia, is in charge of sourcing raw materials and moulding plastic components.

### CERTIFICAZIONI

La nostra azienda si pone sempre all'avanguardia anche nel campo delle certificazioni; cercando di rispettare le normative richieste dai settori in cui operiamo. Di seguito le certificazioni da noi ottenute:



**STANDARD  
100**

992476.0  
CENTROCOT

[www.oeko-tex.com](http://www.oeko-tex.com)

\*Oeko Tex valid for specified materials and colors.



### CERTIFICATIONS

Our company is always at the forefront also in the field of certifications; trying to respect the regulations required by the sectors in which we operate. Below are the certifications we have obtained:



Due Emme crede fermamente in un'innovazione sostenibile, attuandola tramite l'utilizzo di **materiali riciclati** ed una **produzione scarto zero**.

Adottiamo un approccio sostenibile anche nella scelta degli imballaggi, **privilegiando materiali riciclati per ridurre l'impatto ambientale**. Utilizziamo **scatole in cartone certificate FSC** e sacchetti e bancali riciclati, contribuendo così alla gestione responsabile delle risorse.

Inoltre il rapporto tra la sostenibilità ambientale e l'utilizzo di **macchinari di ultima generazione** è un elemento fondamentale per promuovere un'industria responsabile e rispettosa dell'ambiente.

Ci impegniamo a combinare questi due aspetti in modo sinergico, adottando macchinari all'avanguardia per **massimizzare l'efficienza produttiva e ridurre l'impatto ambientale**.

Due Emme firmly believes in sustainable innovation, implementing it through the use of **recycled materials and zero-waste production**.

We also adopt a sustainable approach to packaging, favoring **recycled materials to reduce environmental impact**. We use **FSC-certified cardboard boxes** and recycled bags and pallets, thus contributing to the responsible management of resources.

Furthermore, the relationship between environmental sustainability and the use of **latest generation machinery** is a key element in promoting a responsible and environmentally friendly industry.

We are committed to combining these two aspects synergistically, adopting cutting-edge machinery to **maximize production efficiency and reduce environmental impact**.

COLORI

COLORS

BLACK  
20



WHITE  
23



GREY  
14



YELLOW  
26



ORANGE  
37



RED  
24



ROYAL  
30



BLUE  
28



METALLIC GREY  
380M



WOLF GREY  
14WO



SAND BEIGE  
47ME **I.R.**



SAND BROWN  
4792



TAN  
47TN **I.R.**



COYOTE  
4719 **I.R.**



COYOTE BROWN  
47BR **I.R.**



NATO GREEN  
36ME **I.R.**



OLIVE GREEN  
360G **I.R.**



GREEN SA  
36SA **I.R.**



AMPIA SELEZIONE DI COLORI I.R., CREATI SECONDO LE SPECIFICHE CURVE DI RIFLETTANZA.  
WIDE SELECTION OF I.R.R. COLORS, CREATED ACCORDING TO THE SPECIFIC REFLECTANCE CURVES.



### FIREBREAK MATERIAL

Si tratta di un prodotto **Fiamma Ritardante, certificato VO secondo la norma UL94.**

Secondo i requisiti della norma, dopo essere stato rimosso dalla fiamma, il campione non deve:

- Bruciare con combustione di fiamma per più di 10 sec
- Gocciolare particelle infuocate

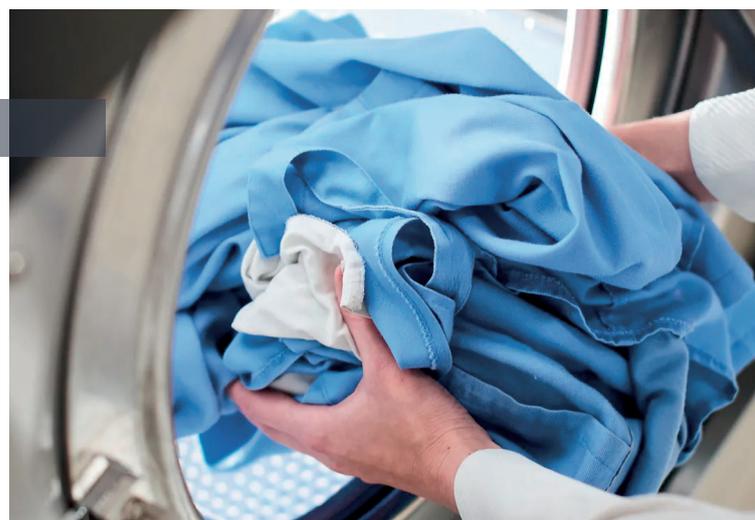
This is a **Flame Retardant product, VO certified according to UL94.** According to the requirements of the standard, after being removed from the flame, the sample shall not:

- Burn by burning more than 10 sec
- Dripping of burning particles

### THERMA-SHIELD MATERIAL

Perfetto per quegli utilizzi in cui è richiesta un'**elevata resistenza al calore**, come i lavaggi industriali. Studiato per quelle applicazioni tecniche che seguono lavorazioni tali da richiedere delle specifiche caratteristiche termiche.

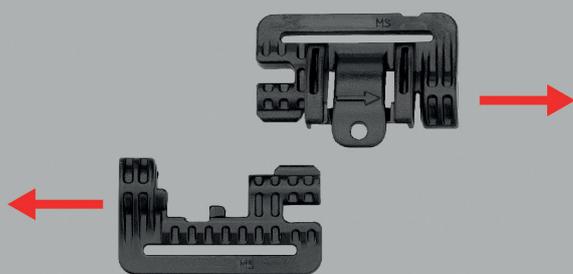
Ideal for those applications where a **high resistance to heat** is required, such as industrial washings. Studied for technical applications which processes need special thermal properties.



### POLYGLIDE MATERIAL

Studiato per permettere **elevate performance tecniche**, come nel caso del nostro sgancio rapido ROC, dove è richiesto uno scorrimento veloce ed un'apertura immediata.

Designed to allow **high technical performance**, as in the case of our quick release ROC, where a fast sliding and immediate opening is required.



### ECONABLE MATERIAL

Siamo tra gli unici in grado di offrire dei prodotti stampati con **materiale 100% rigenerato**, composto totalmente dai nostri scarti di produzione, ma facendo attenzione a mantenere intatte le proprietà tecniche del materiale.

Offriamo un **prodotto sostenibile**, rispettoso dell'ambiente, ma allo stesso tempo dalle elevate prestazioni.

Disponibile solo in colore Nero, sia per Nylon che Acetalica.

We are the only ones able to offer products injected with **100% regenerated material**, composed entirely of our production waste, but taking care to keep the technical properties of the material intact.

We offer a **sustainable product**, environmentally friendly, but at the same time with high performance.

Available only in Black color, both for POM and PA.



# FIBBIE

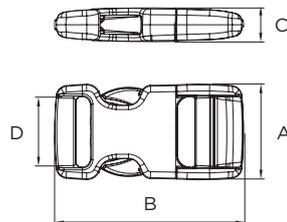
## BUCKLES



Fibbia a sgancio laterale - CRP

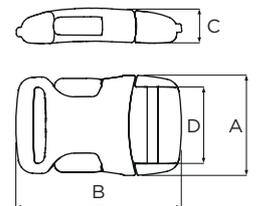
### FIBBIE A SGANCIO LATERALE

### SIDE RELEASE BUCKLES



REVO  
NEW

SIZE	MAT.	A	B	C	D
16 mm	PA 6	22.8	44.5	8	16.8
20 mm	PA 6	27.6	55.1	10.1	20.8
25 mm	PA 6	35.2	67	12.2	25.8
30 mm	PA 6	38.5	67.5	13	30.8
40 mm	PA 6	48.6	75.3	15.3	40.8
50 mm	PA 6	60	80.2	16.5	50.7



CR-CRAB

SIZE	MAT.	A	B	C	D
16 mm	POM	22.5	39	9.2	16.3
20 mm	POM	26.7	42.4	10.2	20.5
25 mm	POM	33.6	54.6	12	25.5
40 mm	POM	50	67.8	14	40.6
50 mm	POM	61	75	16	50.4



CR 40 - CERTIFICATA ENI ISO 12402-7 | CERTIFIED ENI ISO 12402-7

CRP - CRAB PLUS



SIZE	MAT.	A	B	C	D
20 mm	POM	30	53.5	11.5	20
25 mm	POM	35	64	13.3	26
40 mm	POM	50.6	70.2	16.2	40.7

\* TUTTE LE TAGLIE CERTIFICATE ENI ISO 12402-7  
ALL SIZES CERTIFIED ENI ISO 12402-7

CRP/DR - DOUBLE REGULATION



SIZE	MAT.	A	B	C	D
20 mm	POM	20.7	60.3	11.6	20.7
25 mm	POM	25.6	70	12.5	25.5
40 mm	POM	40.7	81	16.2	40.7

\* TUTTE LE TAGLIE CERTIFICATE ENI ISO 12402-7  
ALL SIZES CERTIFIED ENI ISO 12402-7

NB



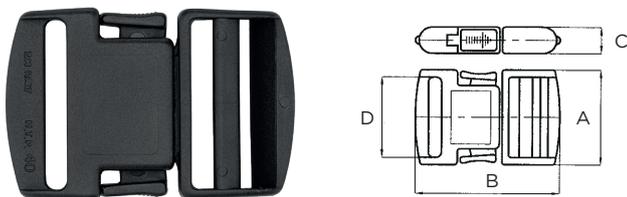
SIZE	MAT.	A	B	C	D
20 mm	PA 6	30.3	52	10.5	21
25 mm	PA 6	37	67.5	13.5	26
30 mm	PA 6	43	72	14	31
40 mm	PA 6	54	79.5	15.5	41

NBS



SIZE	MAT.	A	B	C	D
40 mm	PA 6	53.5	78.4	15.5	40

HTP



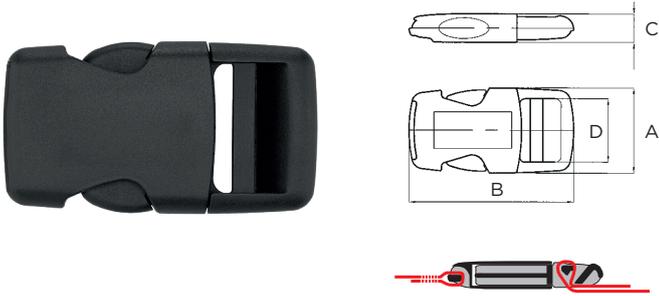
SIZE	MAT.	A	B	C	D
30 mm	PA 6	55	44	10	30.5
40 mm	PA 6	68.5	61	11.5	40.5

FGP



SIZE	MAT.	A	B	C	D
35 mm	PA 6	49	75	15	36

SSL



SIZE	MAT.	A	B	C	D
20 mm	PA 6	29.3	55	9.5	21
25 mm	PA 6	34.5	66.5	11	25.5
30 mm	PA 6	41.5	74	13	31
40 mm	PA 6	52.5	81.5	14	41

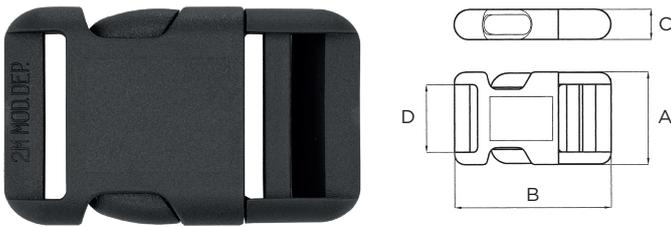
\* SSL 30 - CERTIFICATA ENI ISO 12402-7 | CERTIFIED ENI ISO 12402-7

SSL/3B



SIZE	MAT.	A	B	C	D
25 mm	POM	33.5	66	11	25.2

900



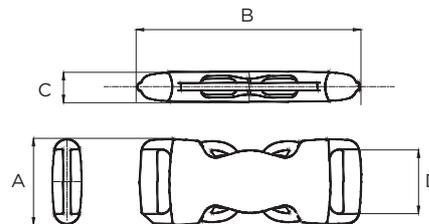
SIZE	MAT.	A	B	C	D
30 mm	PA 6	42.5	71.5	13.5	31
40 mm	PA 6	54	78	17.5	40.5
50 mm	PA 6	64	81	17.5	50.5

FDR



SIZE	MAT.	A	B	C	D
20 mm	PA 6	29.4	55.8	11.5	20.8
25 mm	PA 6	34	62.5	13.4	25.5
40 mm	PA 6	47	75.5	15.4	40.5
50 mm	PA 6	59	92	16.3	51

B2W



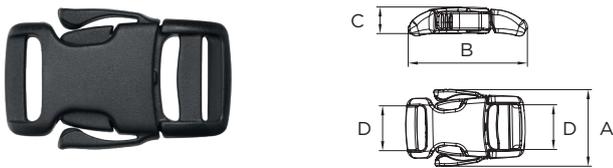
SIZE	MAT.	A	B	C	D
25 mm	POM	33	86	12	25

BB



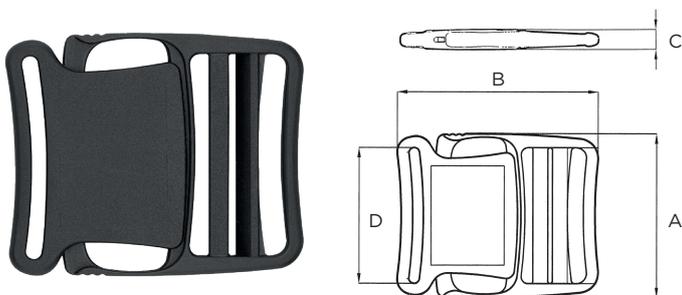
SIZE	MAT.	A	B	C	D
40 mm	POM	55	68	15	41

EB



SIZE	MAT.	A	B	C	D
16 mm	POM	27	43.3	10	16.2
20 mm	POM	34.8	44.3	10	20.7
25 mm	POM	43	52	12	26

BLS



SIZE	MAT.	A	B	C	D
40 mm	PA 6.6	49.5	60	6	41

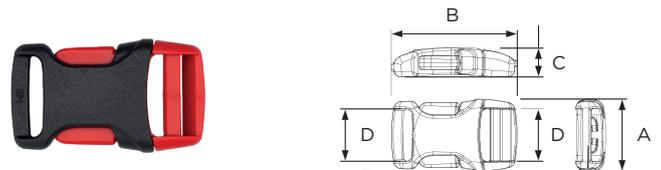
ESALOCK



- ESALOCK/1 MALE PA 6.6 - ONE COLOUR  
FEMALE PA 6.6 - ONE COLOUR
- ESALOCK/2 MALE PA 6.6 - RED  
FEMALE POM - BLACK
- ESALOCK/3 MALE PA 6.6 - ONE COLOUR  
FEMALE POM - ONE COLOUR

SIZE	MAT.	A	B	C	D
17 mm	POM - PA 6.6	25.5	51.5	9.5	17

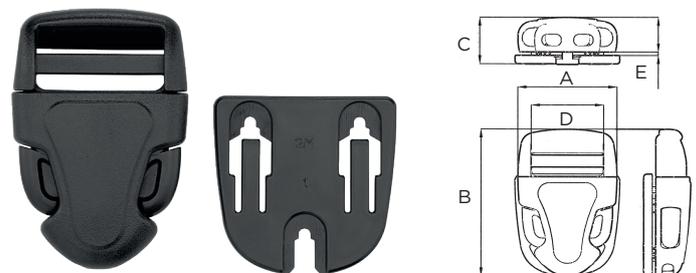
CR/HELMET



SIZE	MAT.	A	B	C	D
16 mm	POM	22.5	39	9	16.3

\* TESTATA ISO EN 397 | ISO EN 397 TESTED  
SAFETY OPENING 15-25 KG

PCB



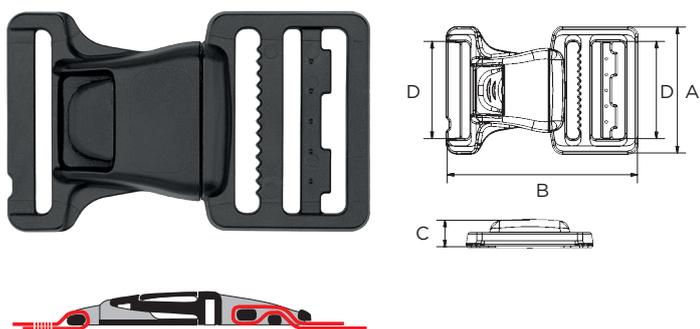
SIZE	MAT.	A	B	C	D	E
25 mm	POM	35	52.5	16.5	25.6	1.2
40 mm	POM	50	58.5	18	40.5	1.2

\* PCB/25 FUSTELLA A RICHIESTA | PCB/25 PUNCH AT REQUEST

# FIBBIE A SGANCIO CENTRALE

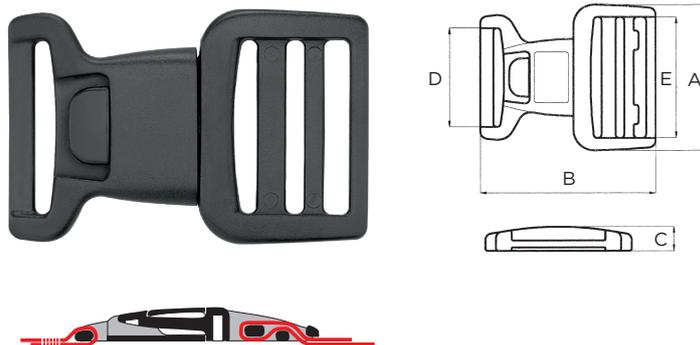
# CENTRAL RELEASE BUCKLES

### ASB



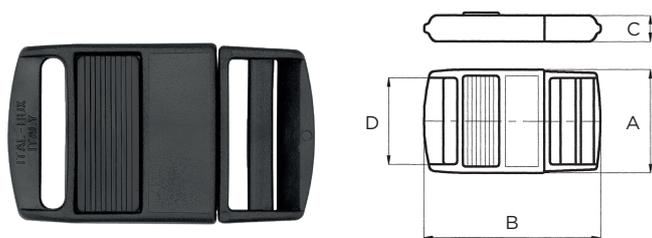
SIZE	MAT.	A	B	C	D
35 mm	PA 6- PA 6.6	44.5	72.4	10.3	37
40 mm	PA 6- PA 6.6	48.5	72.8	10.3	41

### SLP



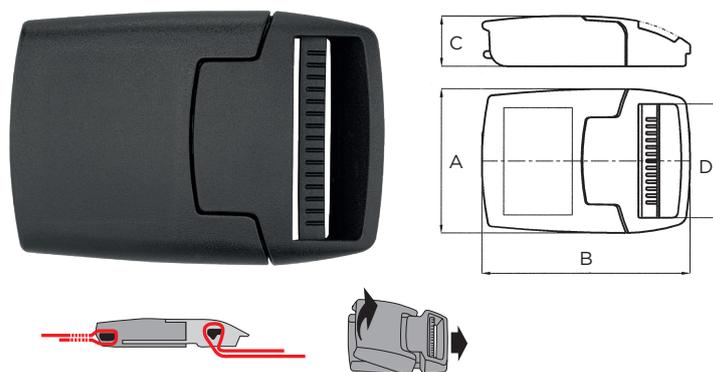
SIZE	MAT.	A	B	C	D	E
35 mm	POM-PA 6.6	46.5	72	10	35	35
40 mm	POM-PA 6.6	53.5	72.5	10	41	41
50M/40 mm	POM-PA 6.6	60	72.5	10	41	50

### AUT



SIZE	MAT.	A	B	C	D
20 mm	POM	26.5	55	8.5	20
30 mm	POM	36	61	10	30

### FLY

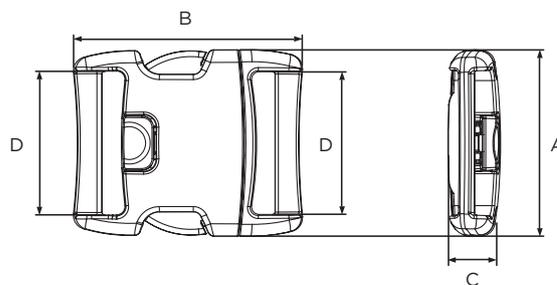


SIZE	MAT.	A	B	C	D
40 mm	PA 6	52	76	18	41

# FIBBIE DI SICUREZZA

# SAFETY BUCKLES

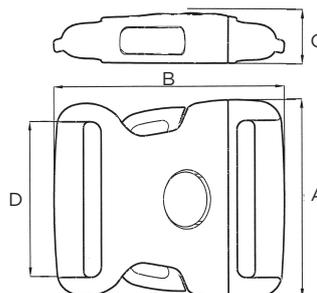
### PS/B



SIZE	MAT.	A	B	C	D
50 mm	PA 6	66.9	81	17.8	51

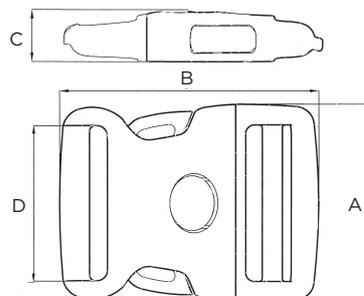
\* POSSIBILE PERSONALIZZAZIONE CON LOGO IN METALLO  
POSSIBLE CUSTOMIZATION WITH METAL LOGO

FPS



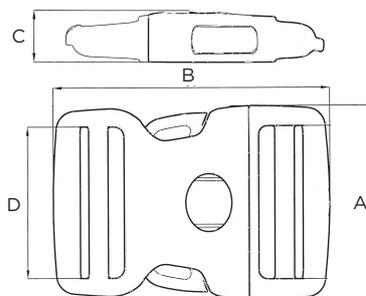
SIZE	MAT.	A	B	C	D
50 mm	POM	67	78	18.4	52.5
55 mm	POM	67	78	18.4	57

FPS/MR



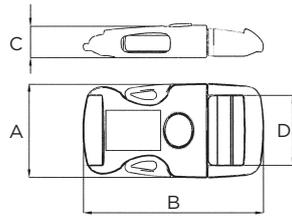
SIZE	MAT.	A	B	C	D
50 mm	POM	67	87	18.4	52.5

FPS/DR



SIZE	MAT.	A	B	C	D
50 mm	POM	67	96	16.6	52.5

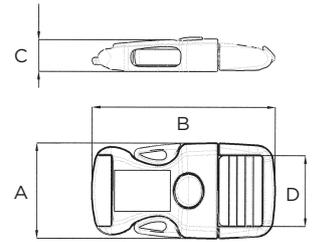
FBP



SIZE	MAT.	A	B	C	D
25 mm	POM	35	66	11.5	25.5

\* A RICHIESTA PULSANTE ROSSO | AT REQUEST RED BUTTON

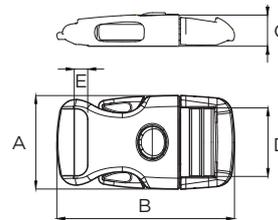
FBP/3B



SIZE	MAT.	A	B	C	D
25 mm	POM	35	66.5	11.5	25.5

\* A RICHIESTA PULSANTE ROSSO | AT REQUEST RED BUTTON

FBT



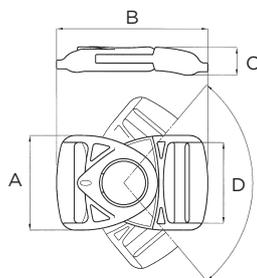
SIZE	MAT.	A	B	C	D	E
25 mm	POM	35	66	11.5	25.5	5

\* A RICHIESTA PULSANTE ROSSO | AT REQUEST RED BUTTON

FIBBIE ROTANTI

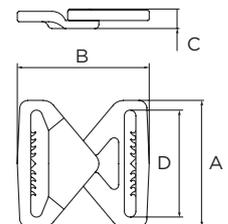
SWIVEL BUCKLES

SWB

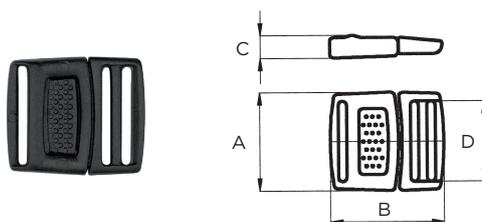


SIZE	MAT.	A	B	C	D
25 mm	POM	33.5	60	13	26.5
40 mm	POM	46.3	73.3	13.7	39.5
50 mm	POM	58	75	13	50.8

BS



SIZE	MAT.	A	B	C	D
40 mm	PA 6	47.8	49.4	7.4	40.5



SIZE	MAT.	A	B	C	D
20 mm	POM	24	27.5	5.5	20

FIBBIE A SPORTELLO

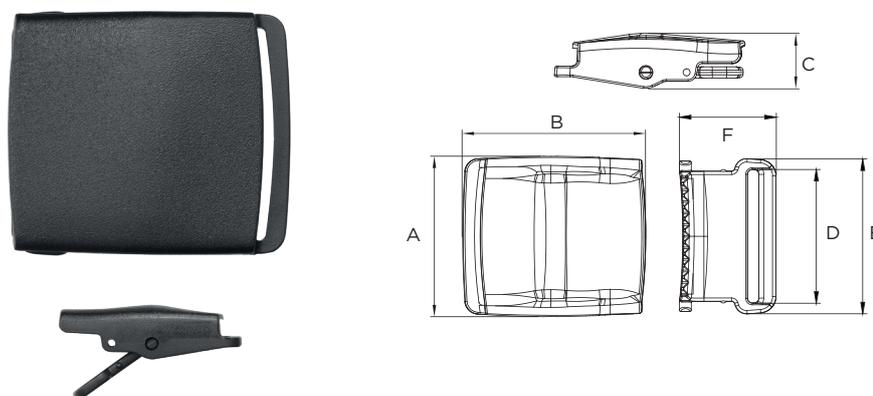
CAM BUCKLES

DSB - DOUBLE SNAP BUCKLE



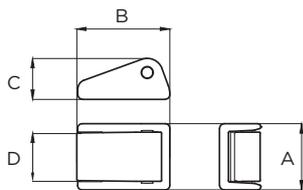
SIZE	MAT.	A	B	C	D	E	F	G
40 mm	PA 6	65.5	58.5	33	40.5	6.3	15	41

BELT CAM



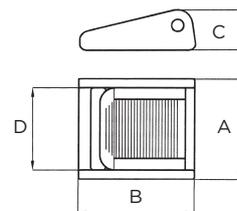
SIZE	MAT.	A	B	C	D	E	F
40 mm	POM	46.5	53.5	15.5	40.2	47	29

E



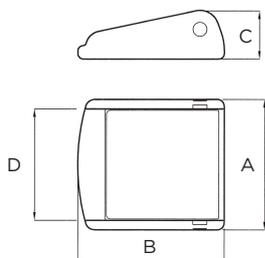
SIZE	MAT.	A	B	C	D
16 mm	PA 6	21	29.4	13	16

FA



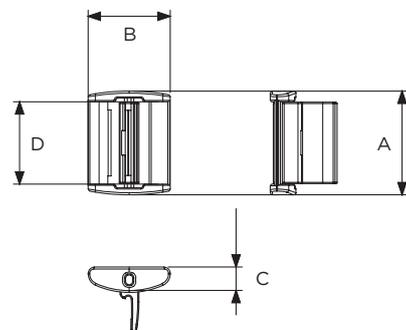
SIZE	MAT.	A	B	C	D
20 mm	PA 6	27	36	12	21
30 mm	PA 6	37.5	40	13	30.5

FAN



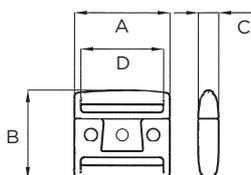
SIZE	MAT.	A	B	C	D
20 mm	PA 6-POM	26	32	12.5	20
25 mm	PA 6-POM	32.6	40	14.2	25.3
40 mm	PA 6	48	54	18	41

SCB



SIZE	MAT.	A	B	C	D
20 mm	POM	25.3	20	6.3	20.1
25 mm	POM	30.7	21.9	6.5	25

FAS



SIZE	MAT.	A	B	C	D
10 mm	PA 6	14	17.8	3.5	10.4
15 mm	PA 6	18.4	24	5	15.4
20 mm	PA 6	23.6	22	5	20.5

# SISTEMI DI REGOLAZIONE

## REGULATION SYSTEMS

Scorrevoli SC

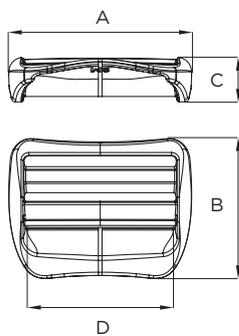
### FIBBIE A 3 LUCI

### LADDERLOCKS

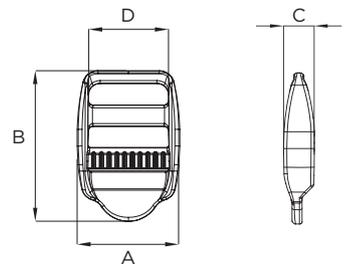
COMING SOON

TRG

LDL

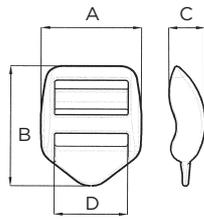


SIZE	MAT.	A	B	C	D
20 mm	POM	28.2	33	11.6	20.7
25 mm	POM	33.2	33.6	11.4	25.6
40 mm	POM	49.2	38.3	12.5	40.8
50 mm	POM	61.5	42.1	14.7	50.8



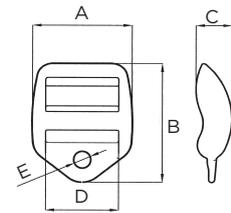
SIZE	MAT.	A	B	C	D
20 mm	PA 6-POM	26.5	39.7	8	20.8
25 mm	PA 6-POM	32.8	40.2	7.5	26.3

LS



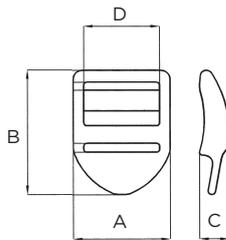
SIZE	MAT.	A	B	C	D
20 mm	PA 6	27	37	11	20.6
25 mm	PA 6	34.5	42	12	25.5
50 mm	POM	61.5	78.5	25	50.5

LS CF/6



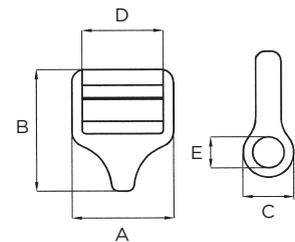
SIZE	MAT.	A	B	C	D	E
25 mm	PA 6	34.5	42	12	25.5	Ø 6

ASP



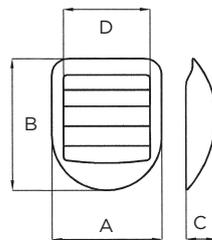
SIZE	MAT.	A	B	C	D
25 mm	PA 6	32.5	42	12	25.5

ASF



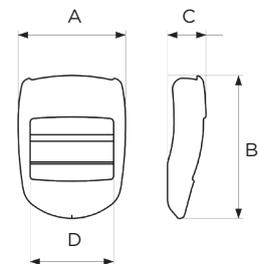
SIZE	MAT.	A	B	C	D	E
25 mm	PA 6	32	39	16	25.5	Ø 10

ASN

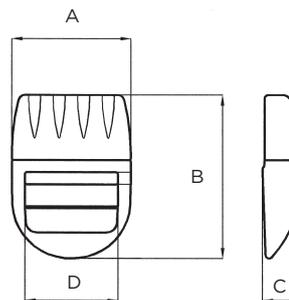


SIZE	MAT.	A	B	C	D
15 mm	PA 6	21	34.5	9	16
20 mm	PA 6	28	37.5	9	21
25 mm	PA 6	33	40	9.5	26
30 mm	PA 6	38	41	10	31
40 mm	PA 6	50	50.5	11	41
50 mm	PA 6	51.5	62	12	51.5

SCLN



SIZE	MAT.	A	B	C	D
25 mm	PA 6	33	45	12	26

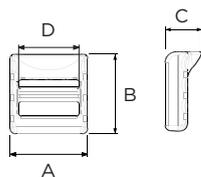


SIZE	MAT.	A	B	C	D
25 mm	PA 6	34	47	10.5	26.5

SCORREVOLI

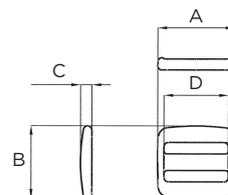
SLIDERS

BH



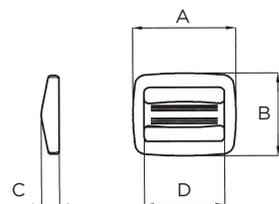
SIZE	MAT.	A	B	C	D
16 mm	PA 6	20.8	21.5	10	16.2

SM



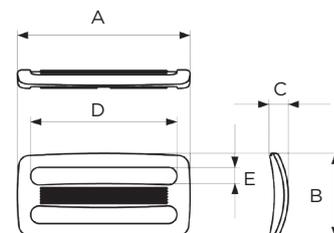
SIZE	MAT.	A	B	C	D
20 mm	PA 6	25.1	24	3.7	21

SC



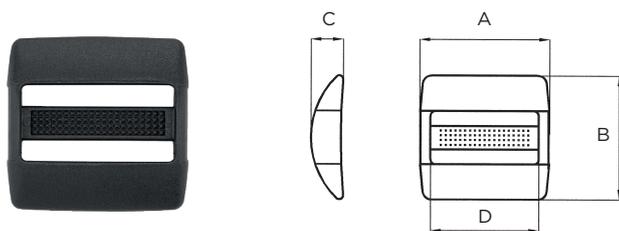
SIZE	MAT.	A	B	C	D
10 mm	PA 6	15.5	17.5	4	10.5
16 mm	PA 6	22.5	23.5	5	16.5
20 mm	PA 6	27.5	22	5	21
25 mm	PA 6	32.7	26.5	5.7	25.5
30 mm	PA 6	37.5	28.2	6	30.5
40 mm	PA 6	50.5	36.8	7.4	40.6
50 mm	PA 6	59.5	36	7	50.5

SCNL



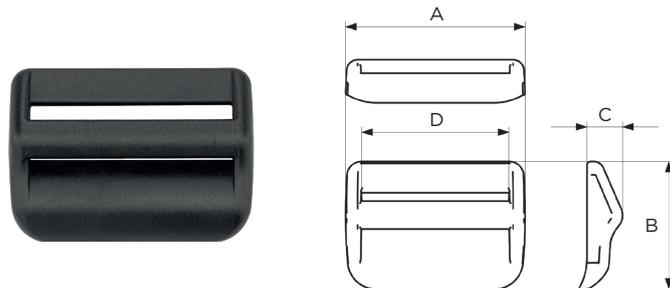
SIZE	MAT.	A	B	C	D	E
40 mm	PA 6	49	24	5.5	41.5	4.6

TSC



SIZE	MAT.	A	B	C	D
30 mm	PA 6	37.5	36.2	9.3	31.3
40 mm	PA 6	47.5	37	9.8	40.5

RG

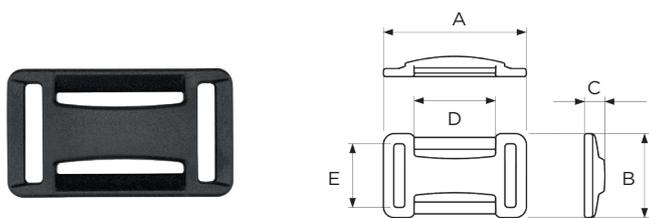


SIZE	MAT.	A	B	C	D
40 mm	PA 6	49.7	35.8	11.3	40.7

SISTEMA STERNO

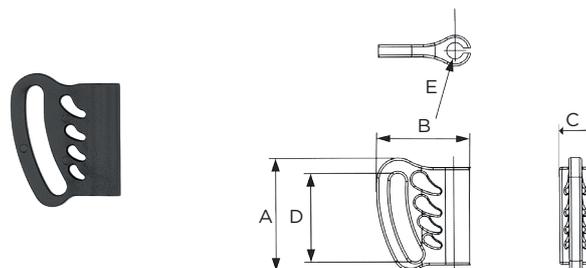
STERNUM SYSTEMS

DSC



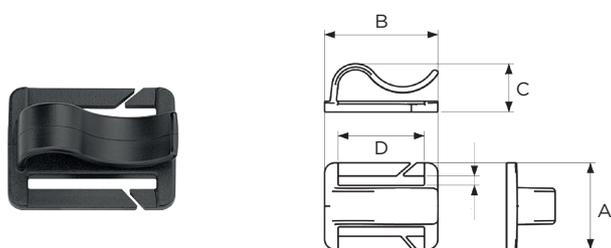
SIZE	MAT.	A	B	C	D	E
20/25 mm	POM	46.2	26.8	6.5	26	20.3
25/25 mm	POM	46.2	31.8	6.5	26	25.2

SSP



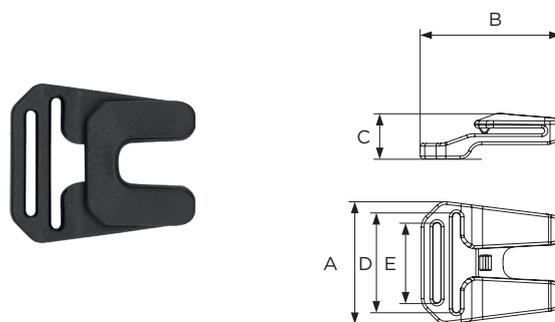
SIZE	MAT.	A	B	C	D	E
20 mm	POM	26.2	21.26	7.95	21.5	∅ 4

PRT



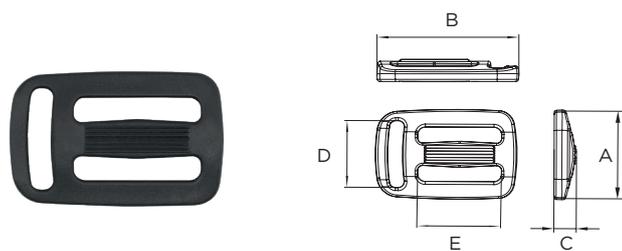
SIZE	MAT.	A	B	C	D
25 mm	PA 6	33.5	25.8	14.4	25.5

ALFA STERNUM CLIP



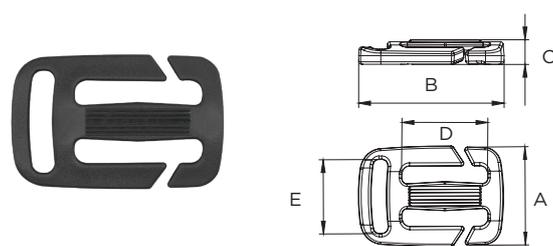
SIZE	MAT.	A	B	C	D	E
20/25 mm	PA 6/GF	31.9	36.5	11.7	25.8	20.8

## SCM



SIZE	MAT.	A	B	C	D	E
20/25 mm	POM	27.2	42.7	7	20.2	25.2

## SCM/BC

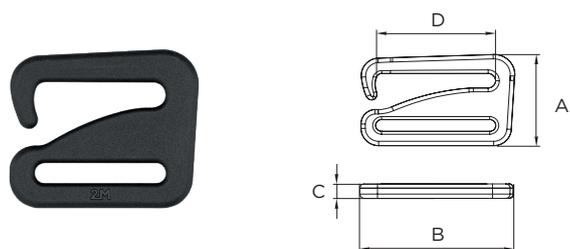


SIZE	MAT.	A	B	C	D	E
20/25 mm	POM	27.2	42.5	7	25.2	20.2

# GANCI DI TENSIONE

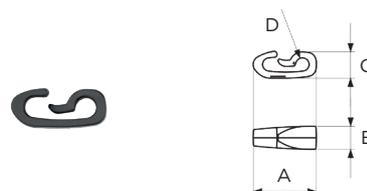
# TENSION HOOKS

## PTH



SIZE	MAT.	A	B	C	D
25 mm	PA 6/GF	32	37	5	25.5
40 mm	PA 6/GF	32	53	5	40.7

## NBH/3.5



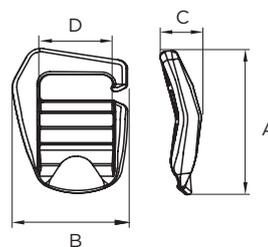
SIZE	MAT.	A	B	C	D
Ø3.5 mm	POM	21.7	8	9.1	Ø 4.6

## TLH



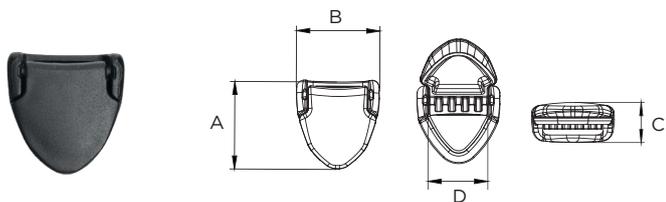
DX - RIGHT

SX - LEFT



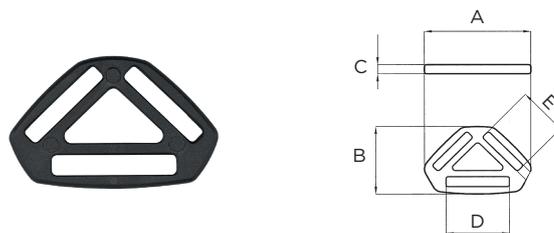
SIZE	MAT.	A	B	C	D
20 mm	PA 6/GF	32.5	40.8	7.9	20.5
25 mm	PA 6/GF	46.5	38.7	8.7	25.6

CAM DIVIDER



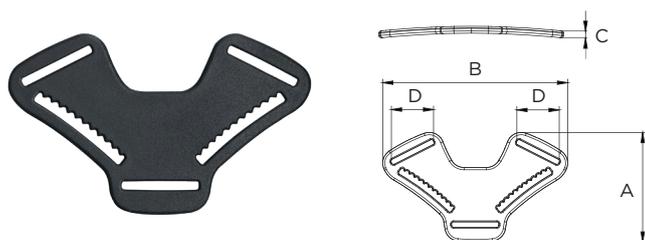
SIZE	MAT.	A	B	C	D
16 mm	PA 6	24	23	11	16.2

DIVIDER



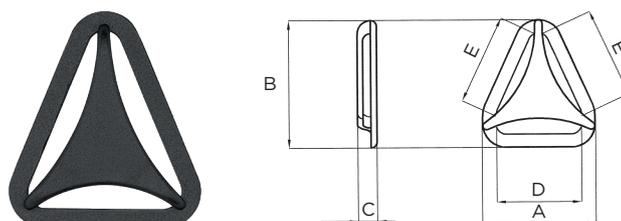
SIZE	MAT.	A	B	C	D	E
20/25 mm	PA 6	42.5	27.3	3.7	25.2	19.7

V DIVIDER



SIZE	MAT.	A	B	C	D
16 mm	PA 6	38.9	63.9	2.9	16.1

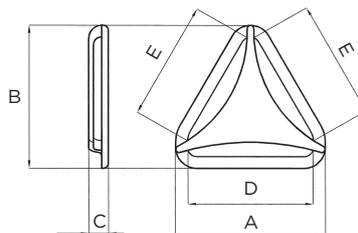
TRB



SIZE	MAT.	A	B	C	D	E
25 mm	PA 6	38.5	43.5	6.5	27	35.5

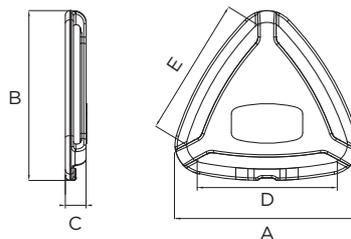


TRC/45



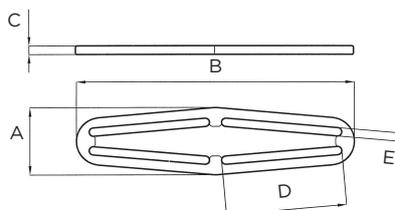
SIZE	MAT.	A	B	C	D	E
45 mm	PA 6	57.5	55	7.5	48	45.6

TRC/60



SIZE	MAT.	A	B	C	D	E
60 mm	PA 6	79.2	73.5	8.3	61.8	59.9

TRP



SIZE	MAT.	A	B	C	D	E
30 mm	PE	22.6	74.5	3.2	31	3
40 mm	PE	22.6	92.5	2.9	40.2	2.8

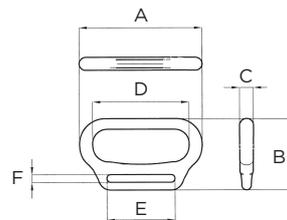
COMPONENTI INFANZIA  
JUVENILE COMPONENTS

Fibbie a 5 vie - FCH/5W

PASSANTI

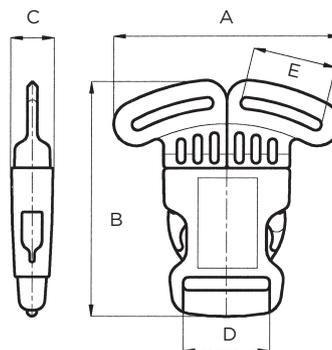
LOOPS

CH 25/35



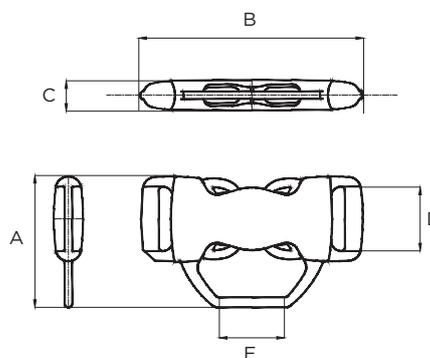
SIZE	MAT.	A	B	C	D	E	F
25/35 mm	PA 6	46.8	27.5	5.3	36.8	26	3

F3W



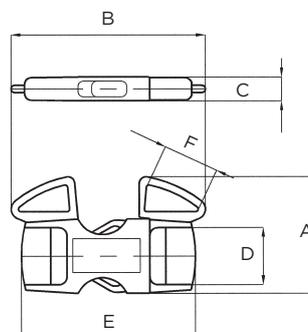
SIZE	MAT.	A	B	C	D	E
25 mm	POM	68	71	13	26	25

B3W



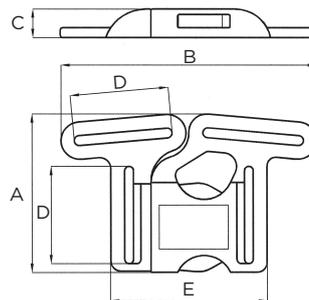
SIZE	MAT.	A	B	C	D	E
25 mm	POM	52	86	12	25	25.5
25/45 mm	POM	52	86	12	25	45

700/4V



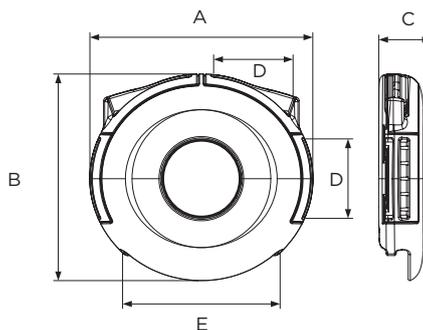
SIZE	MAT.	A	B	C	D	E	F
20 mm	POM	44	72.5	9	21.5	65	21

800/4V



SIZE	MAT.	A	B	C	D	E
40 mm	POM	63.5	101.5	12	39	62

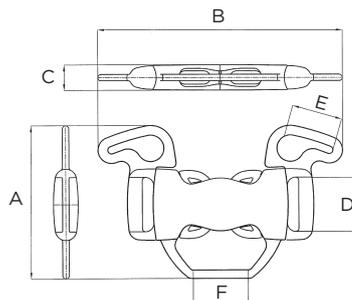
FCH/5W



SIZE	MAT.	A	B	C	D	E
25 mm	POM	71	66.5	16.5	25	25
25/50 mm	POM	71	66.5	16.5	25	50

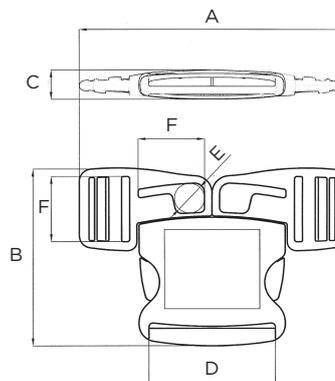
\* COLORE PULSANTE A SCELTA | PUSH BUTTON COLOR AT CHOICE

F5W



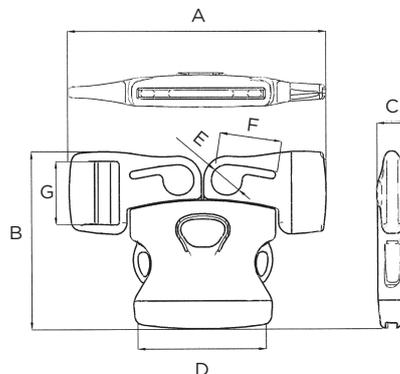
SIZE	MAT.	A	B	C	D	E	F
25 mm	POM	72	114	12	25	23.5	25.5
25/45 mm	POM	72	114	12	25	23.5	45
30 mm	POM	72.5	127	12	30.2	31.5	28.5

N5W



SIZE	MAT.	A	B	C	D	E	F
25/50 mm	POM	106	71.5	12	50	Ø12	26.5

SB



SIZE	MAT.	A	B	C	D	E	F	G
25/50 mm	POM	44	72.5	9	21.5	65	25.1	25.7

# COMPONENTI MILITARI

## MILITARY COMPONENTS

Fibbie a sgancio rapido - ROC/40

### WARRIOR/ 25 SERIES

FULL COMPATIBILITY OF THE WB/25 MM SIZE RANGE, CHECK BELOW FOR ALL POSSIBILITIES:

MALES

WB/CL

WB/DR

WB/SR

WB/NS

SRC

SRC/WB



WB/CL



FEMALES

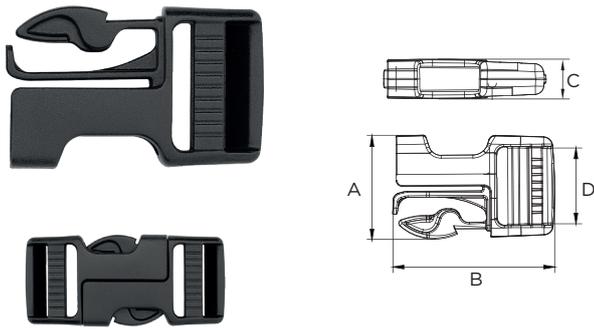
WB/DR



WB/SR

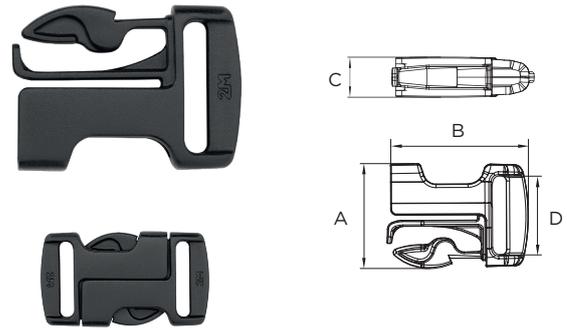


WB/HYBRID - DOUBLE REGULATION



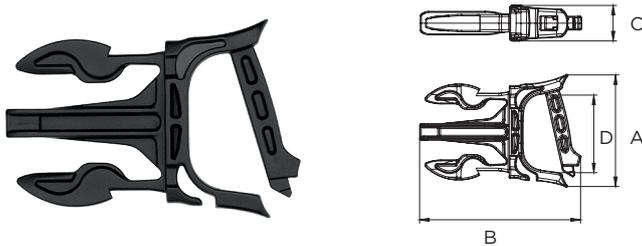
SIZE	MAT.	A	B	C	D
25 mm	POM	33	52.1	13	25.5

WB/HYBRID - SINGLE REGULATION



SIZE	MAT.	A	B	C	D
25 mm	POM	33	45	13	25.7

WB/CL - CLICK IN  
MALE



SIZE	MAT.	A	B	C	D
25 mm	POM	40	58	12.6	29

WB/DR - DOUBLE REGULATION  
MALE



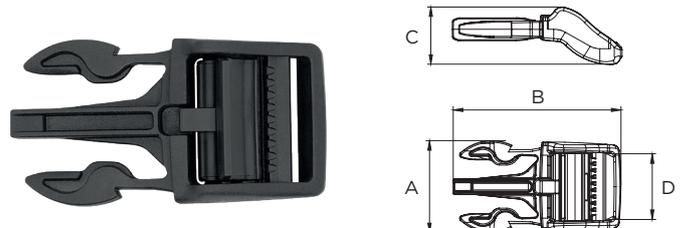
SIZE	MAT.	A	B	C	D
25 mm	POM	33.5	54.2	13.2	26

WB/SR - SINGLE REGULATION  
MALE



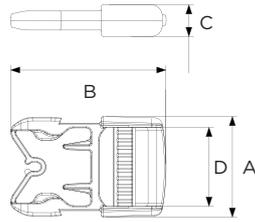
SIZE	MAT.	A	B	C	D
25 mm	POM	33.5	45	13.2	25.8

WB/NS - NO SLIP  
MALE



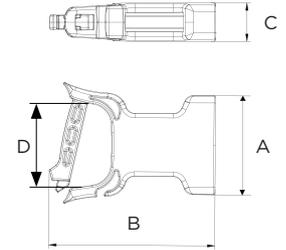
SIZE	MAT.	A	B	C	D
25 mm	POM	33.7	64	21	25.7

SRC  
MALE



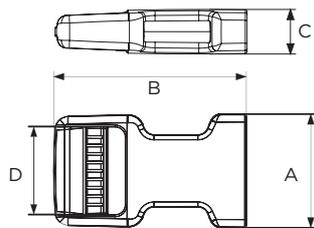
SIZE	MAT.	A	B	C	D
25 mm	POM	33	50.5	10.3	26

WB/CL - CLICK IN  
FEMALE



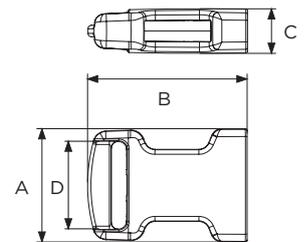
SIZE	MAT.	A	B	C	D
25 mm	POM	33.5	55.4	13.5	28

WB/DR - DOUBLE REGULATION  
FEMALE



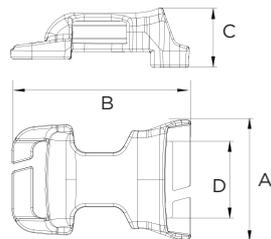
SIZE	MAT.	A	B	C	D
25 mm	POM	33.5	56	13.5	25.4

WB/SR - SINGLE REGULATION  
FEMALE



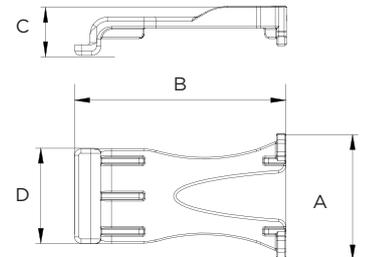
SIZE	MAT.	A	B	C	D
25 mm	POM	33.5	46.2	13.5	25.8

SRC/WB  
FEMALE



SIZE	MAT.	A	B	C	D
25 mm	POM	41	58	20	26

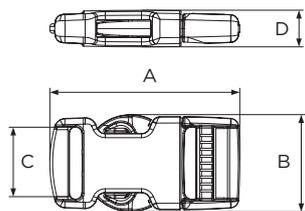
SRC/WB BP - BACK PLATE



SIZE	MAT.	A	B	C	D
25 mm	POM	29	49	11	22

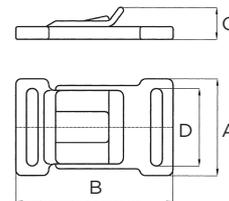
\* BP - UTILIZZABILE SOLO IN COMBINAZIONE CON SRC/WB FEMMINA  
TO BE USED ONLY IN COMBINATION WITH SRC/WB FEMALE

WB



SIZE	MAT.	A	B	C	D
20 mm	POM	54	26.8	20.6	9.4
25 mm	POM	67.4	34.6	25.8	13.5
40 mm	POM	78.5	48.8	41	14.4

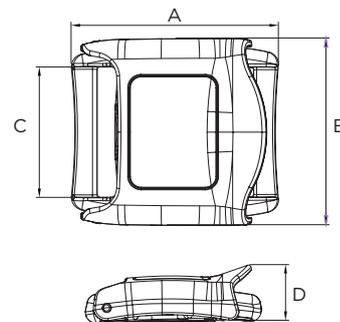
FM



SIZE	MAT.	A	B	C	D
40 mm	POM	49.5	81	16.5	40
55 mm	POM	67.5	81.5	16.5	57.3

PS/B SPORTELLO

NEW



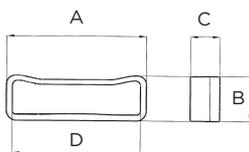
SIZE	MAT.	A	B	C	D
50 mm	PA 6	81	74	51	25

\* POSSIBILE PERSONALIZZAZIONE CON LOGO IN METALLO  
POSSIBLE CUSTOMIZATION WITH METAL LOGO

PASSANTI

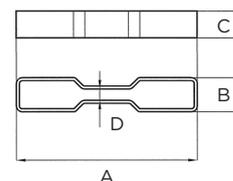
LOOPS

PSM/50



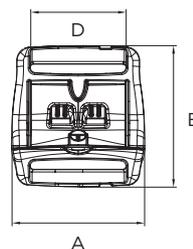
SIZE	MAT.	A	B	C	D
50 mm	PA 6	56.7	18.4	12	52

PSM/56



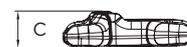
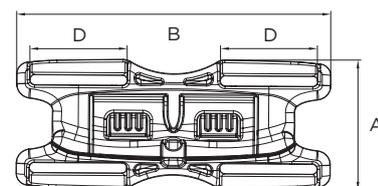
SIZE	MAT.	A	B	C	D
56 mm	POM	60	11.5	9	4

SPIDER 40  
NEW



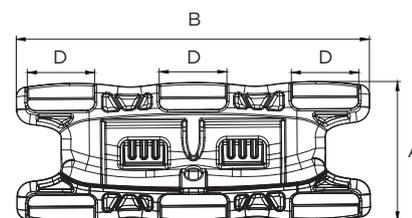
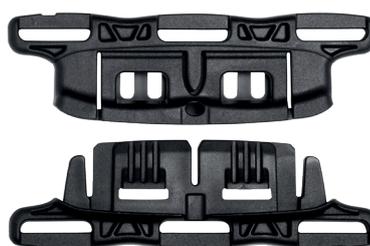
SIZE	MAT.	A	B	C	D
40 mm	PA 6	57.3	60.5	14.4	40.5

SPIDER 80  
NEW



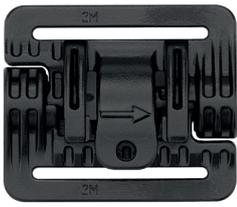
SIZE	MAT.	A	B	C	D
80 mm	PA 6	54.5	132.3	14.5	40.7

SPIDER 75  
NEW



SIZE	MAT.	A	B	C	D
75 mm	PA 6	54	135.8	14.5	25.5

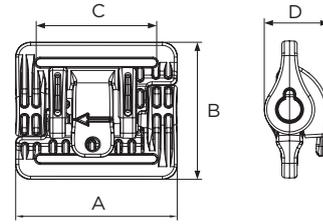
ROC/40



SX - LEFT PART



DX - RIGHT PART



SIZE	MAT.	A	B	C	D
40 mm	POM	55	47	41	22.1

\* ARTICOLO VENDUTO IN COPPIA, PARTE DX + PARTE SX  
ITEM SOLD IN PAIRS, RIGHT PART + LEFT PART

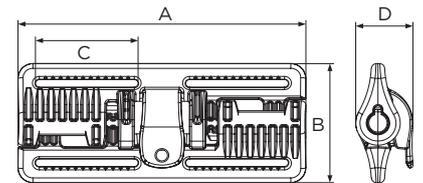
ROC/80



SX - LEFT PART



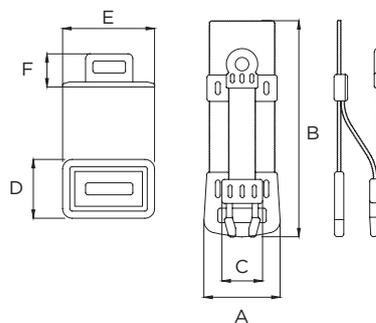
DX - RIGHT PART



SIZE	MAT.	A	B	C	D
80 mm	POM	115	48	41	22.4

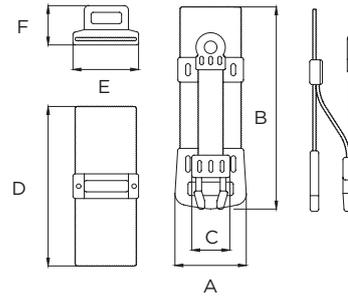
\* ARTICOLO VENDUTO IN COPPIA, PARTE DX + PARTE SX  
ITEM SOLD IN PAIRS, RIGHT PART + LEFT PART

SR/1



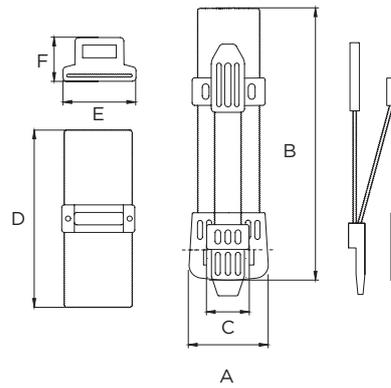
SIZE	MAT.	A	B	C	D	E	F
25 mm	PA 6	31.5	90	16.8	24.5	38	14

SR/2



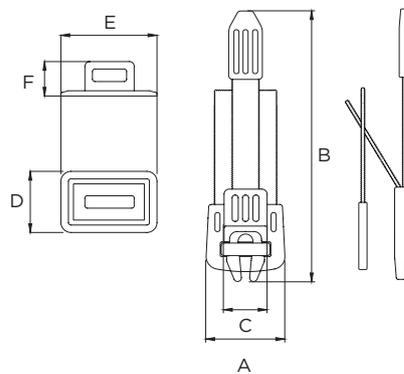
SIZE	MAT.	A	B	C	D	E	F
25 mm	PA 6	31.5	90	16.8	71	29	17.5

SR/3



SIZE	MAT.	A	B	C	D	E	F
25 mm	PA 6	31.5	111	16.7	71	29	16.7

SR/5

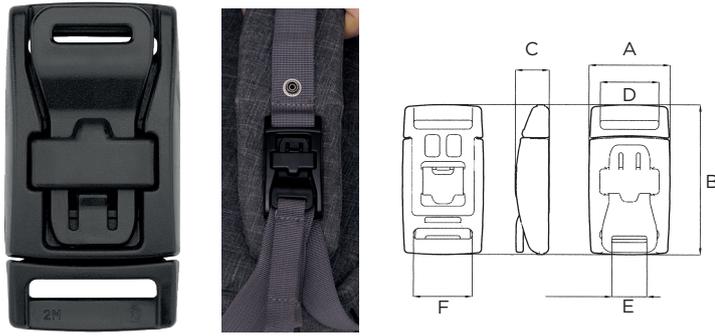


SIZE	MAT.	A	B	C	D	E	F
25 mm	PA 6	31.5	106	17	24.5	38	14

# FIBBIE A SGANCIO RAPIDO

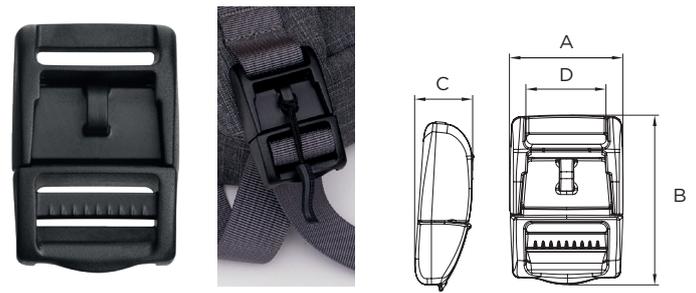
# QUICK RELEASE BUCKLES

## SRS



SIZE	MAT.	A	B	C	D	E	F
25 mm	POM	36	67.5	15	26	16.6	26

## QR

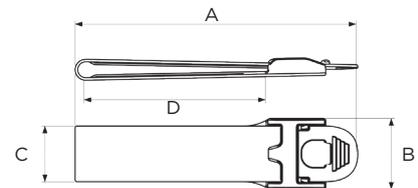


SIZE	MAT.	A	B	C	D
25 mm	POM	36	53.5	16.8	25.5

# COMPONENTI MOLLE

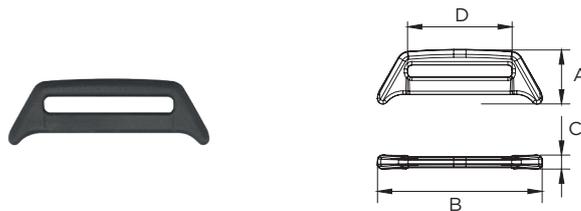
# MOLLE SYSTEMS

## MOLLE SYSTEM



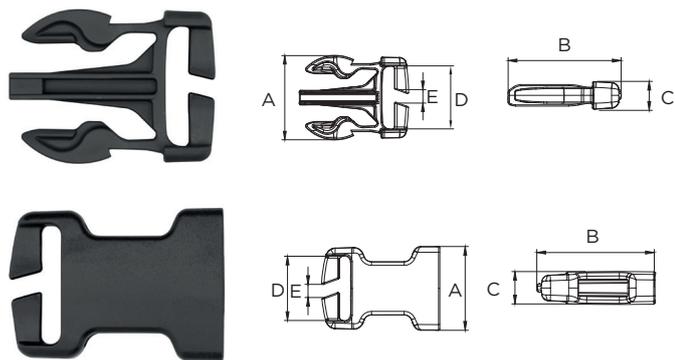
SIZE	MAT.	A	B	C	D
60 mm	GTR	98.2	30	23.6	60.2
75 mm	GTR	114.2	30	23.6	76.2
125 mm	GTR	164.2	30	23.6	126.2

## MOLLE CLIP



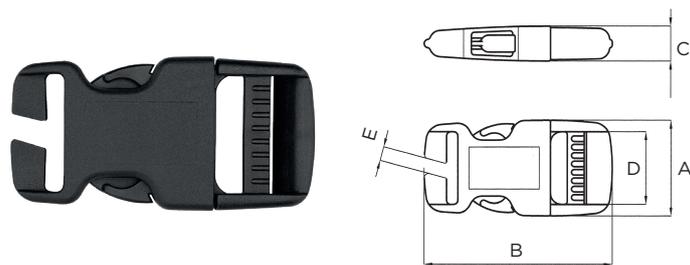
SIZE	MAT.	A	B	C	D
25 mm	POM	13	40	3.5	25

WB/BC MALE+FEMALE



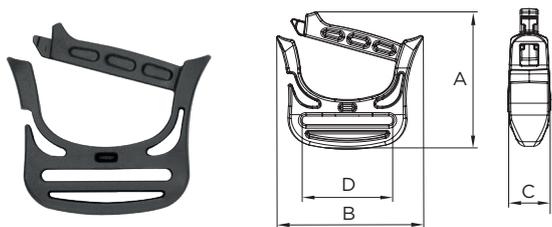
SIZE	MAT.	A	B	C	D	E
25 mm FEMALE	POM	33.4	45	12	25.8	5
25 mm MALE	POM	33.8	47	13.2	25.8	5

795/FC



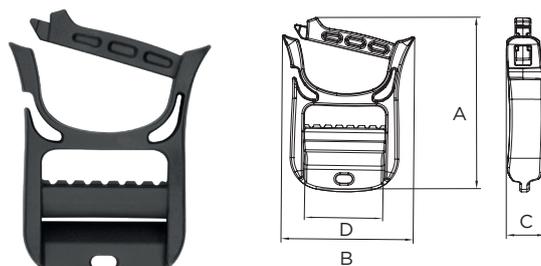
SIZE	MAT.	A	B	C	D	E
20 mm	POM	27.5	55.5	10	21	4
25 mm	PA 6	34	67	12.5	26	5
40 mm	PA 6	48	76	15.5	41	5

LOOP/CL - CLICK IN



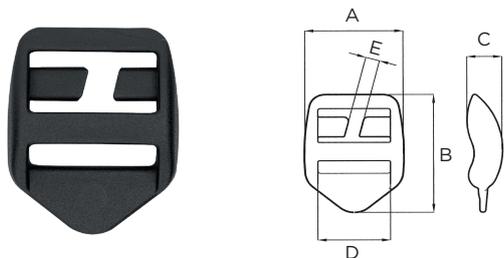
SIZE	MAT.	A	B	C	D
25 mm	POM	37.8	37.2	12	25.7

LM/CL - CLICK IN



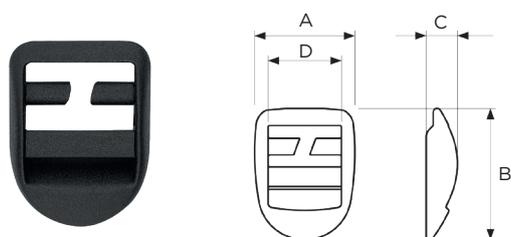
SIZE	MAT.	A	B	C	D
25 mm	POM	55.2	38	11.6	25.4

LS/BC



SIZE	MAT.	A	B	C	D	E
25 mm	PA 6	34.5	42	12	25.5	5

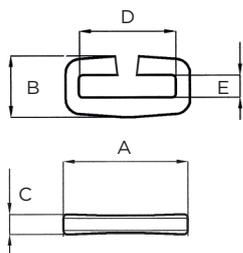
ASN/BC



SIZE	MAT.	A	B	C	D
20 mm	PA 6	28	37.5	9	21

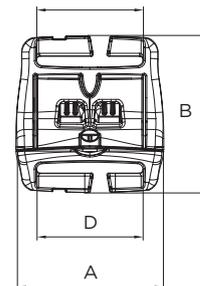
COMING SOON

OS/BC



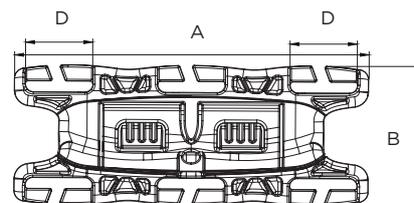
SIZE	MAT.	A	B	C	D	E
20 mm	PA 6	27.8	14.5	4.5	20.7	6
25 mm	PA 6	33.3	16.2	5.3	25.7	6

SPIDER/40 BC  
NEW



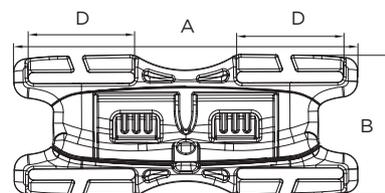
SIZE	MAT.	A	B	C	D
40 mm	PA 6	57.3	60.5	14.4	40.5

SPIDER/75 BC  
NEW



SIZE	MAT.	A	B	C	D
75 mm	PA 6	136.3	54.2	14.5	26

SPIDER/80 BC  
NEW

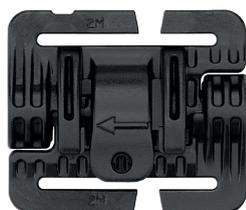


SIZE	MAT.	A	B	C	D
80 mm	PA 6	132.3	54.5	14.5	41

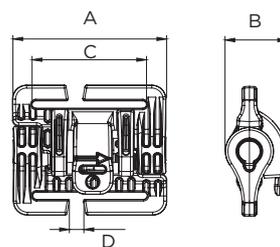
ROC/40 BC



SX - LEFT PART



DX - RIGHT PART



SIZE	MAT.	A	B	C	D
40 mm	POM	54.5	22	40.5	4.8

\* ARTICOLO VENDUTO IN COPPIA, PARTE DX + PARTE SX  
ITEM SOLD IN PAIRS, RIGHT PART + LEFT PART

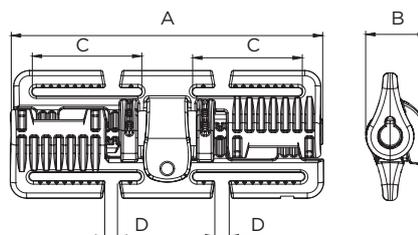
ROC/80 BC



SX - LEFT PART



DX - RIGHT PART



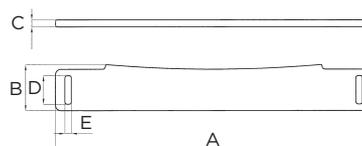
SIZE	MAT.	A	B	C	D
80 mm	POM	114	20	40.5	4.8

\* ARTICOLO VENDUTO IN COPPIA, PARTE DX + PARTE SX  
ITEM SOLD IN PAIRS, RIGHT PART + LEFT PART

BASTINI

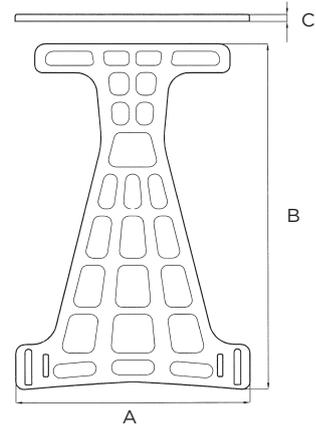
BACK-PACKS FRAMES

STM



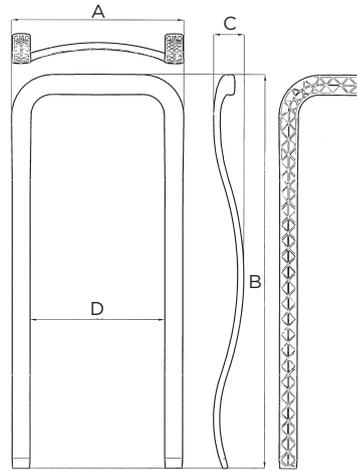
SIZE	MAT.	A	B	C	D	E
--	PA 6	345	50	7.5	31	7.1

BM



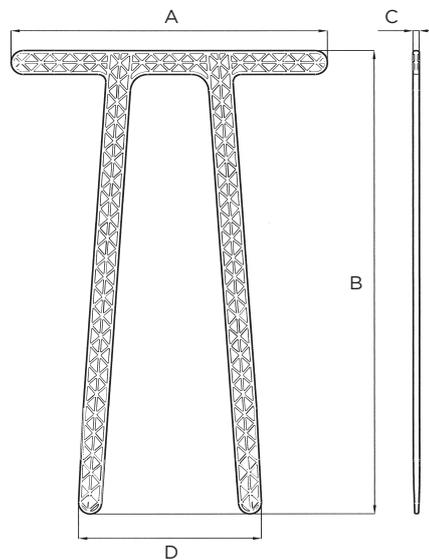
SIZE	MAT.	A	B	C
--	PA 6/GF	331	492	10

ARM



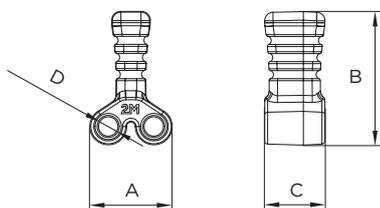
SIZE	MAT.	A	B	C	D
--	PA 6/GF	250	578	44.5	196

BPM



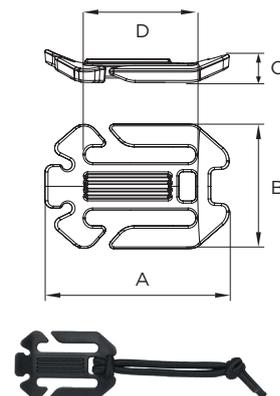
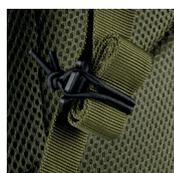
SIZE	MAT.	A	B	C	D
--	PA 6/GF	330	490	6.5	191

BCM  
NEW



SIZE	MAT.	A	B	C	D
ø4 mm	GTR	18.9	30.8	13.8	ø4,5

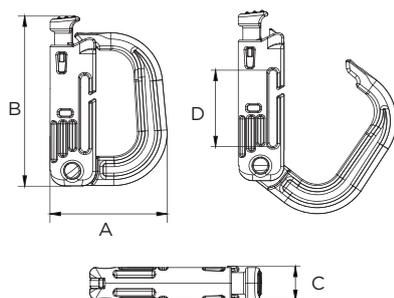
RIB GUARD  
NEW



SIZE	MAT.	A	B	C	D
25 mm	POM	43.6	29.8	6.5	26.1

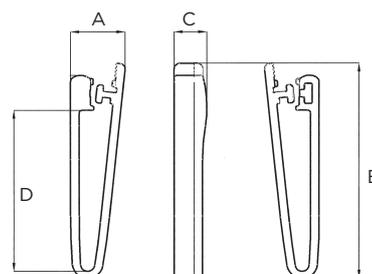
\* DISPONIBILE CON O SENZA CORDINO ELASTICO  
AVAILABLE WITH OR WITHOUT ELASTIC CORD

MASSLOCK



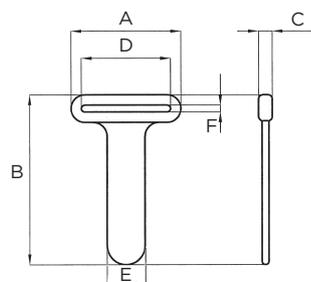
SIZE	MAT.	A	B	C	D
25 mm	POM	39.4	58.2	11.8	26

ATM



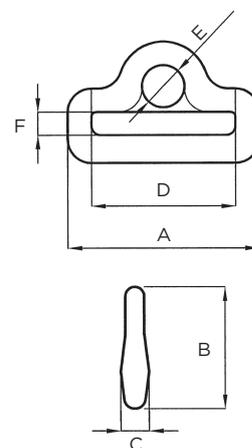
SIZE	MAT.	A	B	C	D
55 mm	PA 6	19.2	76.8	11.5	57.5

TEE BAR



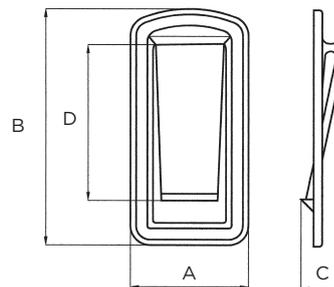
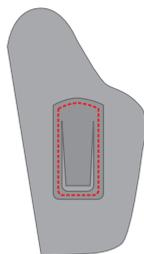
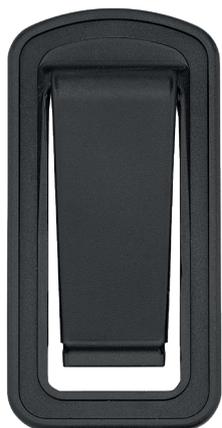
SIZE	MAT.	A	B	C	D	E	F
25 mm	PA 6	31.5	49.5	3.9	25.6	10.9	2

RCF



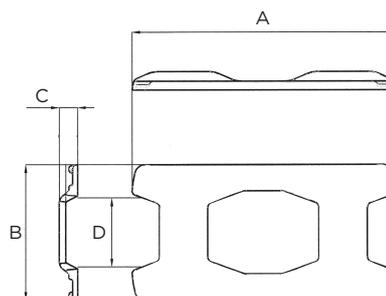
SIZE	MAT.	A	B	C	D	E	F
30 mm	PA 6	40.5	26	6	30.5	ø9	5

GPP



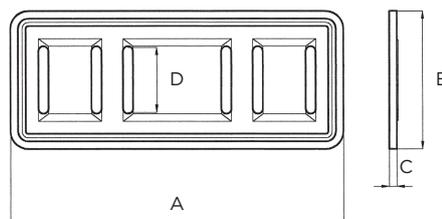
SIZE	MAT.	A	B	C	D
50 mm	PA 6.6	42	85	15.5	56

PORTE SKY



SIZE	MAT.	A	B	C	D
25 mm	GTR	97	50	6.8	25.5

PC6L



SIZE	MAT.	A	B	C	D
25 mm	GTR	132	55	3	26

COMPONENTI NAUTICA  
MARINE COMPONENTS

Componenti nautica - CPR/25

ACCESSORI CERTIFICATI ENI ISO 12402-7 (2020 EDITION)  
ISO 12402-7 CERTIFIED PRODUCTS



SIZE MAT.

20 mm	POM
25 mm *	POM

CRP

\* CRP/25 APPROVATO PER VEST 100N (2020 EDITION) | CRP/25 APPROVED FOR 100N VEST



SIZE MAT.

30 mm	POM
-------	-----

SSL/30



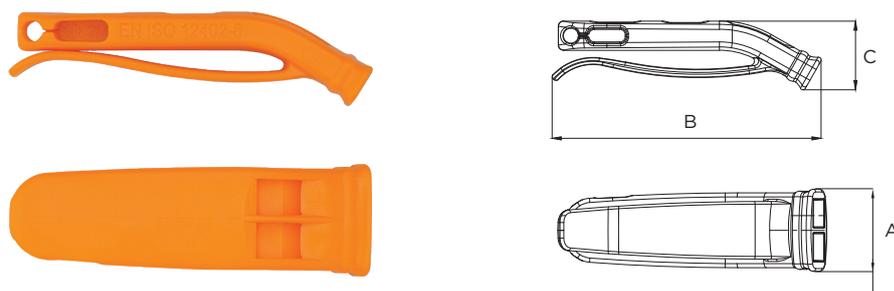
SIZE MAT.

40 mm	POM
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CRP/40

\* CRP/40 APPROVATO PER VEST 100N (2020 EDITION) | CRP/40 APPROVED FOR 100N VEST

LJW2



SIZE	MAT.	A	B	C
--	PP	22.5	73.1	18.8

\* CERTIFICATA ENI ISO 12402-8 (2020 EDITION) | CERTIFIED ENI ISO 12402-8

HB



SIZE	MAT.	A	B	C	D	E
40 mm	PA 6.6/GF+POM	56.4	77.5	17.6	41	40.1

\* CERTIFICATA ENI ISO 12402-7 (2020 EDITION) | CERTIFIED ENI ISO 12402-7

SHB



SIZE	MAT.	A	B	C	D
40 mm	PA 6.6/GF+POM	60	79	22.6	41.6

\* CERTIFICATA ENI ISO 12402-7 (2020 EDITION) | CERTIFIED ENI ISO 12402-7



**MOSCHETTONI**  
SNAP HOOKS

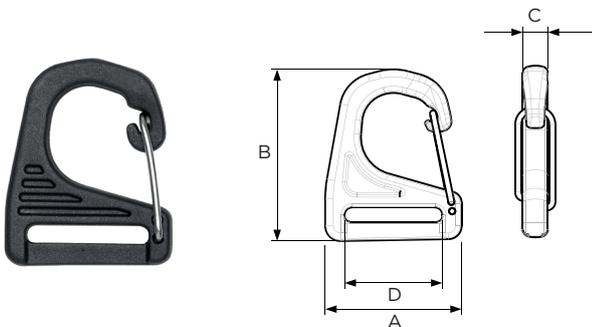
Moschettoni rotanti - SMH Swivel metal hook

**MOSCHETTONI SEMPLICI**

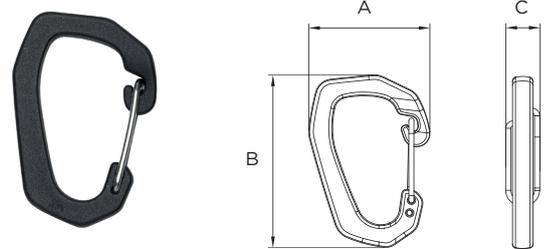
**SNAP HOOKS**

MCS

MAC

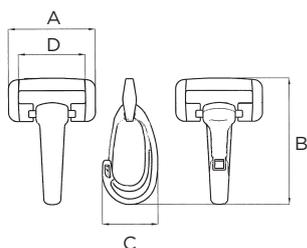


SIZE	MAT.	A	B	C	D
25 mm	PA 6/GF+INOX	36	45.65	6.6	25.8



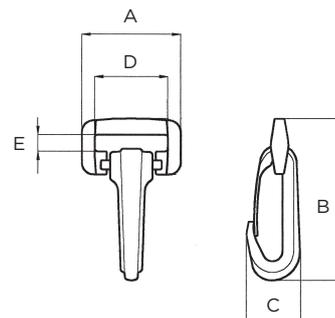
SIZE	MAT.	A	B	C
--	PA 6/GF+INOX	38.5	54.5	10.4

NHR



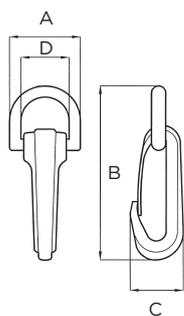
SIZE	MAT.	A	B	C	D
20 mm	PA 6	30	58.6	25.5	21
25 mm	PA 6	35	58.6	25.5	26
30 mm	PA 6	40	58.6	25.5	31
40 mm	PA 6	50	58.6	25.5	41
50 mm	PA 6	59.5	60	25.5	50.3

MS



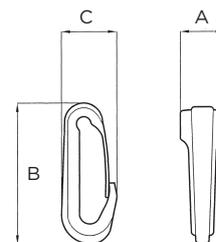
SIZE	MAT.	A	B	C	D	E
20 mm	PA 6	31	58	19	21	6
25 mm	PA 6	35	58	19	26	6
30 mm	PA 6	41.5	58	19	31.5	6
35 mm	PA 6	46.5	58	19	35	6
40 mm	PA 6	52	58	19	42	6
50 mm	PA 6	60	58	19	51	6

MST



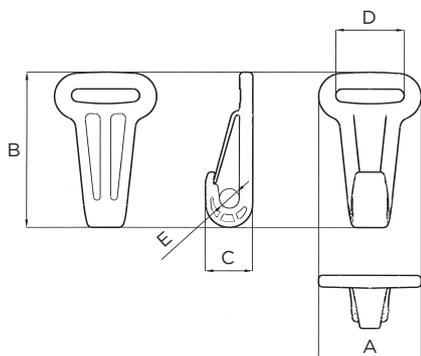
SIZE	MAT.	A	B	C	D
15 mm	PA 6	25	62.5	19	17

MPM



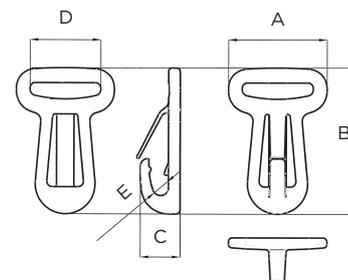
SIZE	MAT.	A	B	C
--	PA 6	15	48.5	19

MMP



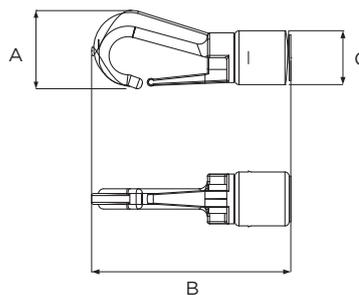
SIZE	MAT.	A	B	C	D	E
25 mm	PA 6.6	39	60	18	26	Ø 7.7

GM



SIZE	MAT.	A	B	C	D	E
25 mm	POM	36	54	14.6	26	Ø 6

ECH



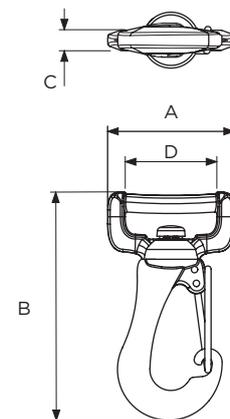
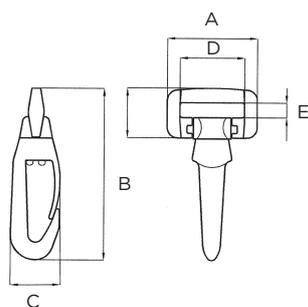
SIZE	MAT.	A	B	C
5 mm	PA 6.6	18.1	47.1	Ø 13
8 mm	PA 6.6	27.8	70	Ø 19

MOSCHETTONI ROTANTI

SWIVEL SNAP HOOKS

MR

SMH



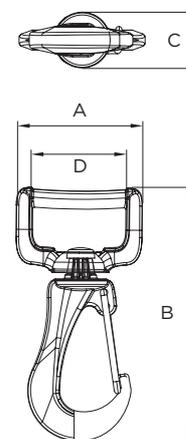
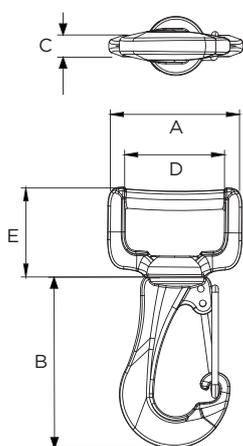
SIZE	MAT.	A	B	C	D	E
20 mm	PA 6	32	69	20	22	6
25 mm	PA 6	36	69	20	26	6
30 mm	PA 6	41.5	69	20	31.5	6
40 mm	PA 6	51.5	69	20	41.5	6
50 mm	PA 6	59.5	71	20	50	6

SIZE	MAT.	A	B	C	D
25 mm	PA 6+INOX	32	65.3	6	26
40 mm	PA 6+INOX	52	66.3	6.5	41

SMH LARGE

SMO LARGE

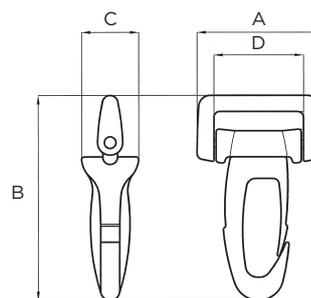
NEW



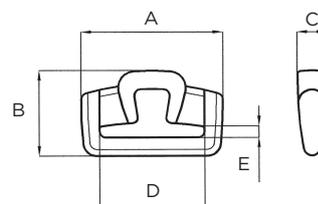
SIZE	MAT.	A	B	C	D	E
25 mm	PA 6+INOX	36	46.3	6	26	23.5

SIZE	MAT.	A	B	C	D
25 mm	PA 6+INOX	36.1	70.5	16	26.7

TSH+RH



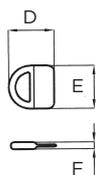
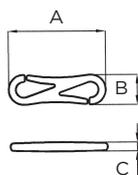
SIZE	MAT.	A	B	C	D
TSH - 30 mm	PA 6.6	42	70.5	Ø 18	30.5
TSH - 40 mm	PA 6.6	52	70.5	Ø 18	40.5



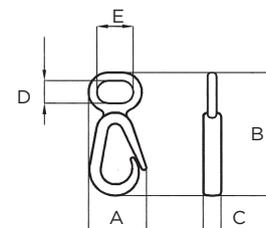
SIZE	MAT.	A	B	C	D	E
RH - 30 mm	PA 6.6	41.5	25	8.8	31	3.5
RH - 40 mm	PA 6.6	51.6	26	8.8	40.8	3.5

MPG

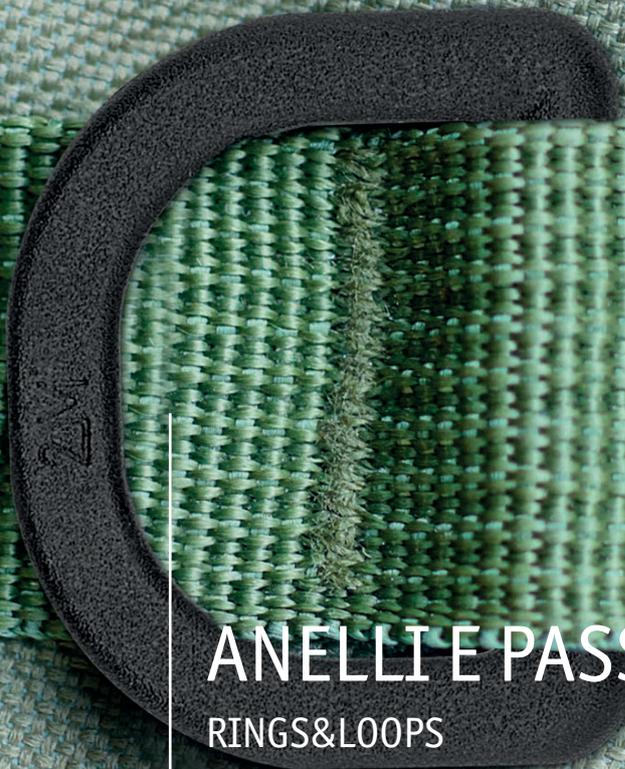
ML/8



SIZE	MAT.	A	B	C	D	E	F
10 mm	PA 6	32	10	3	15	14.5	2.3



SIZE	MAT.	A	B	C	D	E
10 mm	PA 6	15.8	34.2	4.9	6.2	10



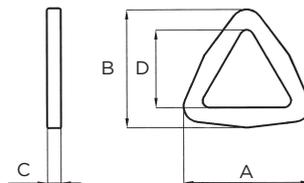
**ANELLE E PASSANTI**  
RINGS&LOOPS

Semianelli - SA

TRIANGOLI

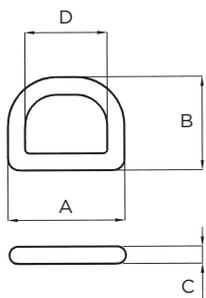
TRIANGLES

TR



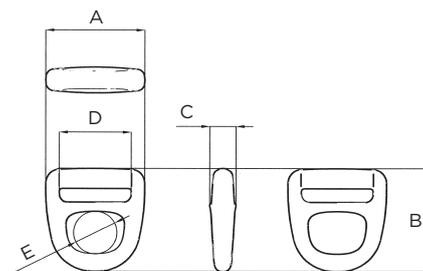
SIZE	MAT.	A	B	C	D
10 mm	POM	14.5	14.4	2.3	9
15 mm	PA 6	25	24	4	15
20 mm	PA 6	32.5	30.5	4.4	20.2
25 mm	PA 6	39.4	37.2	4.3	25.2
30 mm	PA 6	39.4	37.2	4.3	30
40 mm	PA 6	49	46	4.5	40

SA



SIZE	MAT.	A	B	C	D
15 mm	PA 6	25	23	4.6	15.5
20 mm	PA 6	31.5	29.8	5.5	20.8
25 mm	PA 6	37	30	5.5	26
30 mm	PA 6	40.5	30	6	30
40 mm	PA 6	50.2	30.7	6.2	40
50 mm	PA 6	64	38	6.2	51.3

MAP



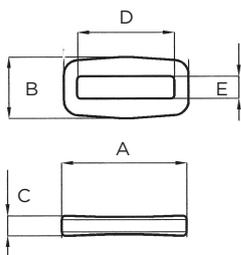
SIZE	MAT.	A	B	C	D	E
20 mm	PA 6	29	33	7	20.6	Ø16.2
25 mm	PA 6	35.8	38	9.5	26	Ø15.7

ANELLI RETTANGOLARI

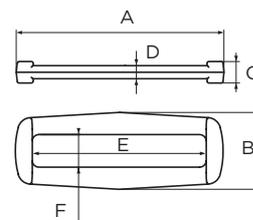
SQUARE LOOPS

OS

OS/50 - LARGE



SIZE	MAT.	A	B	C	D	E
12 mm	PA 6	19.4	10.5	3.1	12.8	4
15 mm	PA 6	22.8	11	3.3	15.8	4
20 mm	PA 6	27.8	14.5	4.5	20.7	6
25 mm	PA 6	33.3	16.2	5.3	25.7	6
28 mm	PA 6	34.5	17.5	5.3	28	6.5
30 mm	PA 6	38.7	17.8	5.2	30.7	6
40 mm	PA 6	50.3	20.5	5.6	40.9	7.4
50 mm	PA 6	61	21.3	6	50.7	7.8

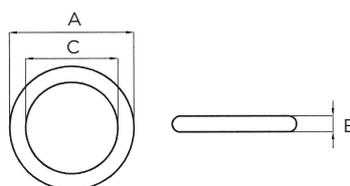


SIZE	MAT.	A	B	C	D	E	F
50 mm	PA 6	63.3	23.6	6.6	10	53	10

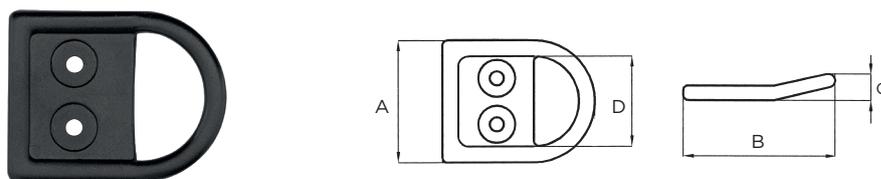
ANELLI TONDI

RINGS

0



SIZE	MAT.	A	B	C
20 mm	PA 6	Ø39	5.7	Ø27.8
30 mm	PA 6	Ø49	6	Ø36.2
40 mm	PA 6	Ø58.8	7.3	Ø43.5



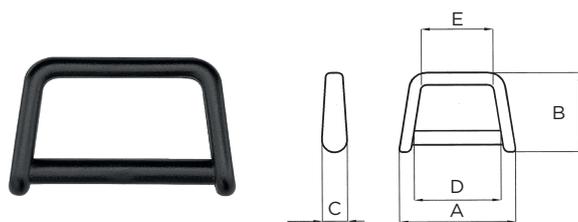
SIZE	MAT.	A	B	C	D
25 mm	PA 6	34.5	43.2	7.5	25.5
30 mm	PA 6	41	52	7.5	30

RIDUTTORI

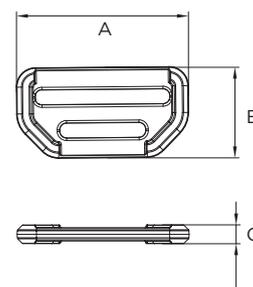
REDUCERS

RD

RED



SIZE	MAT.	A	B	C	D	E
25/20 mm	PA 6	35	28	8.8	25	20
30/25 mm	PA 6	40.5	28	8.6	30.3	25
35/30 mm	PA 6	45.5	28	8	35.3	30



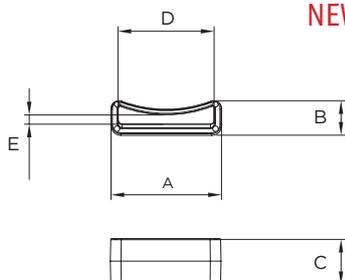
SIZE	MAT.	A	B	C
25/40 mm	PA 6	52	27.6	5.6

PASSANTI

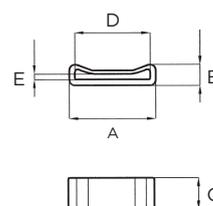
LOOPS

BSN  
NEW

PSN

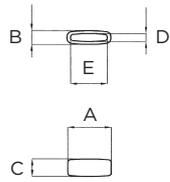


SIZE	MAT.	A	B	C	D	E
25 mm	PA 6	29.3	9.2	12	25.4	2.5



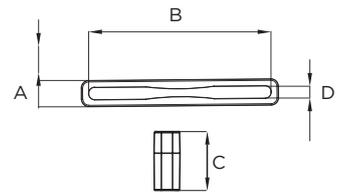
SIZE	MAT.	A	B	C	D	E
20 mm	GTR	25	6.7	10.8	21.2	1.9
25 mm	GTR	29.8	7.3	10.8	26	1.9
30 mm	GTR	35.5	8.8	12	30.7	1.9
40 mm	GTR	45.5	9.1	12	40.8	1.9
50 mm	GTR	56	10.6	12.5	51	1.6

PSN 16/18



SIZE	MAT.	A	B	C	D	E
16/18 mm	GTR	20	6.5	8	16.8	3.8

PST

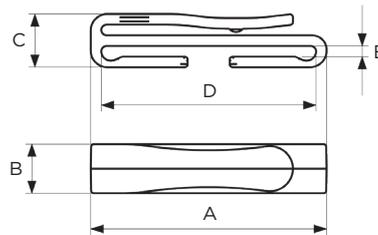


SIZE	MAT.	A	B	C	D
45 mm	GTR	6.7	48	15.5	3.2

PASSANTI APERTI

OPEN LOOPS

PSA

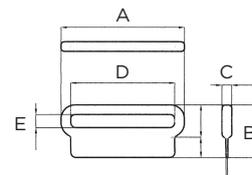


SIZE	MAT.	A	B	C	D	E
50 mm	POM	56	12	13	51	2.6

PASSANTI CUCIBILI

SEWABLE LOOPS

PSL



SIZE	MAT.	A	B	C	D	E
25 mm	PA 6	33.1	23.6	3.8	25.5	6
35 mm	PA 6	43.6	25.1	4	35.5	6.1
40 mm	PA 6	48	33.5	4	40.2	6
50 mm	PA 6	60.4	26.1	4.8	51	6



**FERMACORDA**  
CORDLOCKS

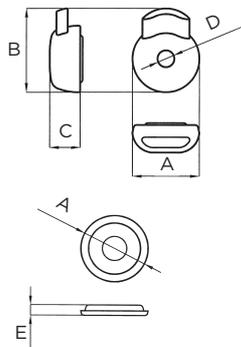
Fermacorda a molla - F3

**FERMACORDA A MOLLA**

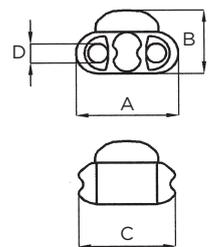
**SPRING CORDLOCKS**

**RING**

**BATMAN**

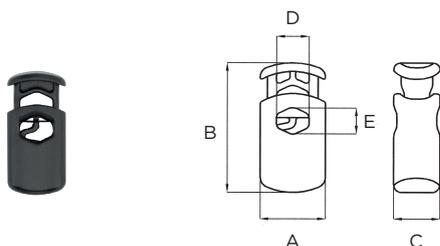


SIZE	MAT.	A	B	C	D	E
Ø5 mm	PA 6	Ø 22	27.8	10	Ø5.5	3.5



SIZE	MAT.	A	B	C	D
Ø5 mm	PA 6	25.5	16	24	Ø 5

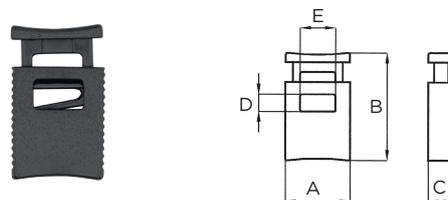
ECO/01



SIZE	MAT.	A	B	C	D	E
Ø5 mm	POM	12	24	8.5	6	5

 MOLLA IN PLASTICA | PLASTIC SPRING

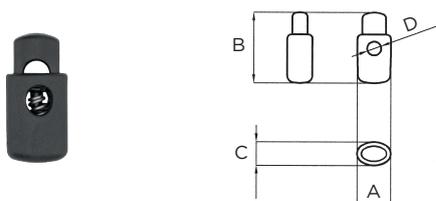
NYCORD



SIZE	MAT.	A	B	C	D	E
10x5 mm	POM	18.4	31	7.3	5	10

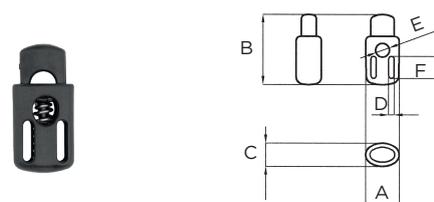
 MOLLA IN PLASTICA | PLASTIC SPRING

LITTLE



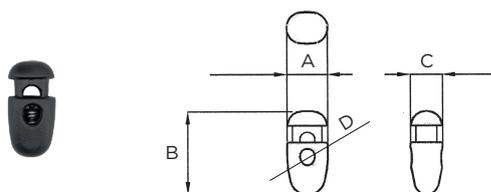
SIZE	MAT.	A	B	C	D
Ø5 mm	PA 6	12	25.5	8.5	Ø 5

LITTLE/3



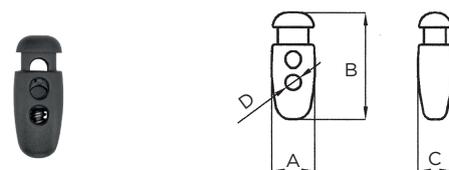
SIZE	MAT.	A	B	C	D	E	F
Ø5 mm	PA 6	12	25.5	8.5	2	Ø 5	8

DROP



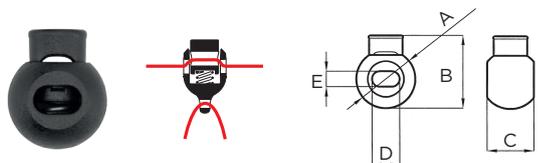
SIZE	MAT.	A	B	C	D
Ø3.5 mm	PA 6	9.5	20	7.5	Ø 3.5

DROP/2



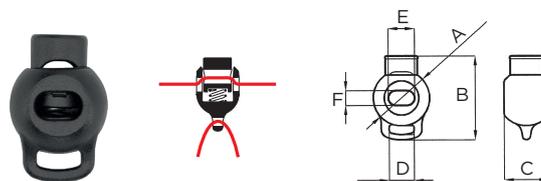
SIZE	MAT.	A	B	C	D
Ø3.5 mm	PA 6	10	25	8	Ø 3.5

PICK UP/P



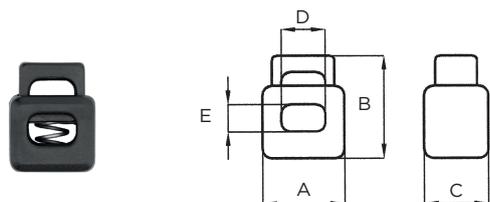
SIZE	MAT.	A	B	C	D	E
8x5 mm	PA 6	Ø 18	22.5	14	8.4	5

PICK UP/F10



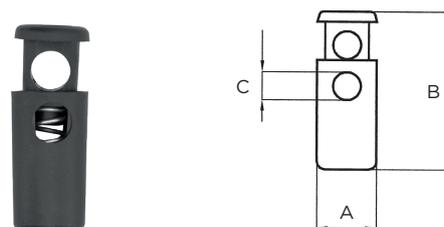
SIZE	MAT.	A	B	C	D	E	F
8x5 mm	PA 6	Ø 18	27	14	8	8.4	5

PICK UP/M



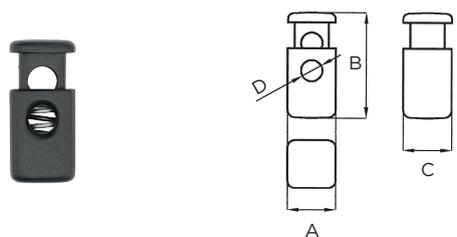
SIZE	MAT.	A	B	C	D	E
9x6 mm	PA 6	17.5	22	13.5	9.5	6

PICK UP/GN



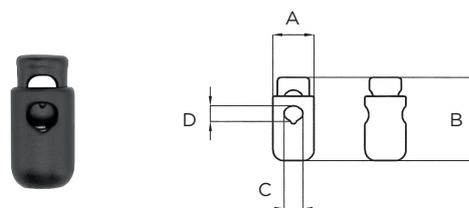
SIZE	MAT.	A	B	C
Ø7.5 mm	PA 6	Ø 16	42.5	Ø 7.5

BLOK



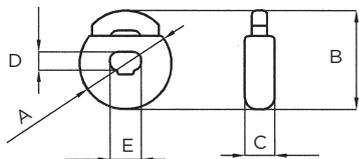
SIZE	MAT.	A	B	C	D
Ø5.5 mm	PA 6	13	28.8	13	Ø 5.8

JAP



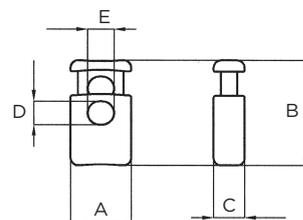
SIZE	MAT.	A	B	C	D
Ø5 mm	PA 6	Ø 13	26.5	6	5

POLO



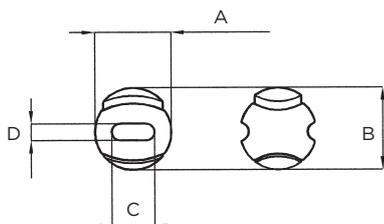
SIZE	MAT.	A	B	C	D	E
8x5 mm	PA 6	Ø 23	24.9	7.4	4.6	7.8

FC2



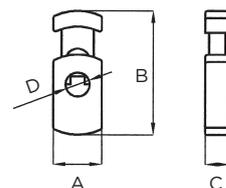
SIZE	MAT.	A	B	C	D	E
6x7 mm	PA 6	16.4	28.8	8.4	6.5	7.2

BALL



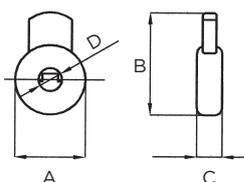
SIZE	MAT.	A	B	C	D
10x4 mm	PA 6	Ø 18	19.5	10.1	4

MICRO



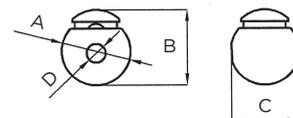
SIZE	MAT.	A	B	C	D
Ø6 mm	PA 6	12	31	6	Ø 6

FLAT



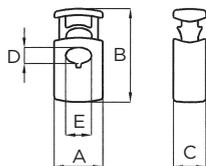
SIZE	MAT.	A	B	C	D
Ø6 mm	PA 6	Ø 18	26.5	6.5	Ø 6

SFERA



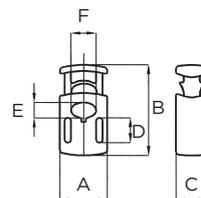
SIZE	MAT.	A	B	C	D
Ø5 mm	PA 6	Ø 18	20	17.5	Ø 5

F1



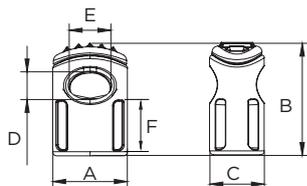
SIZE	MAT.	A	B	C	D	E
8x5 mm	PA 6	15	29	10	5	8

F3



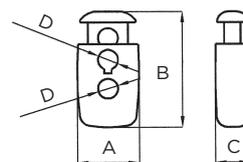
SIZE	MAT.	A	B	C	D	E	F
8x5 mm	PA 6	15	29	10	8	5	8

F4/M - MILITARY



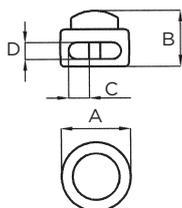
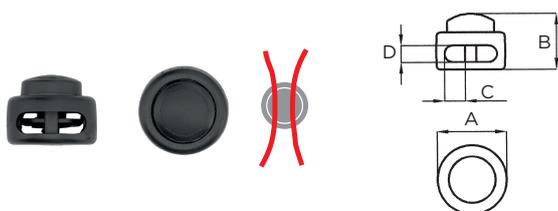
SIZE	MAT.	A	B	C	D	E	F
8x5 mm	POM	14.4	21.7	10.7	5.1	7.7	9.65

FV2



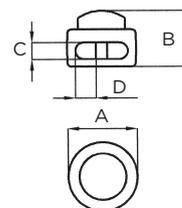
SIZE	MAT.	A	B	C	D
Ø 5.5 mm	POM	17	32	9.5	Ø5.5

DISCO



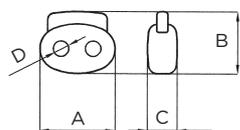
SIZE	MAT.	A	B	C	D
Ø5 mm	PA 6	Ø18.5	15	5.5	4.5

DISCO/SM



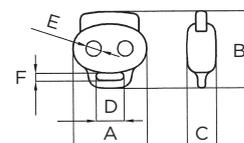
SIZE	MAT.	A	B	C	D
Ø3.5 mm	PA 6	Ø15	11	4.5	3.5

DOUBLE



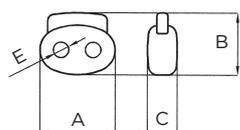
SIZE	MAT.	A	B	C	D
Ø5 mm	PA 6	24	20	9.2	Ø 5

DOUBLE/P10



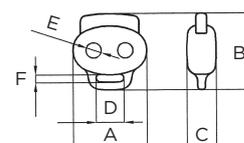
SIZE	MAT.	A	B	C	D	E	F
Ø5 mm	PA 6	24	25	9.2	9	Ø 5	2.5

DOUBLE/SM



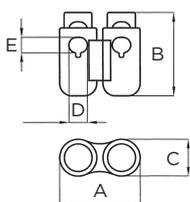
SIZE	MAT.	A	B	C	D
Ø3.5 mm	PA 6	20	17.5	7	Ø 3.5

DOUBLE SM/P10



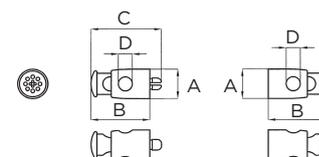
SIZE	MAT.	A	B	C	D	E	F
Ø3.5 mm	PA 6	20	21.5	7	8	Ø 3.5	2

JP/2



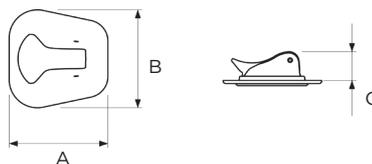
SIZE	MAT.	A	B	C	D	E
Ø5 mm	PA 6.6	26	27	12	6	5

TWINS



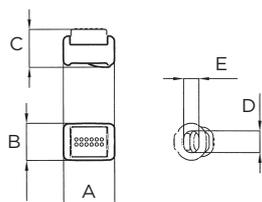
SIZE	MAT.	A	B	C	D
Ø6 mm	PA 6	Ø12.5	25	30	Ø 6

SCS/3



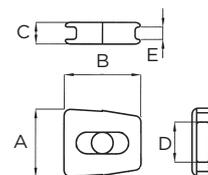
SIZE	MAT.	A	B	C
Ø2 mm	PA 6	35	35	10.2

TUBE/5



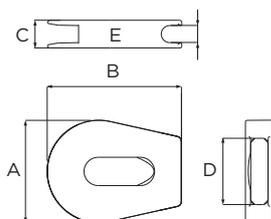
SIZE	MAT.	A	B	C	D	E
Ø5 mm	POM	15	11	11.5	6.5	4.5

BC/4



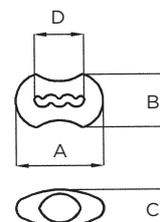
SIZE	MAT.	A	B	C	D	E
Ø4 mm	PA 6	22	25	7	13	4

BC/6



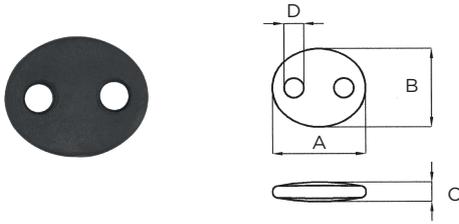
SIZE	MAT.	A	B	C	D	E
Ø6 mm	POM+PA	30	39	8.1	5	6

CROK



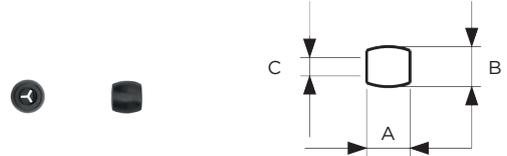
SIZE	MAT.	A	B	C	D
12 mm	GTR	21	13	9	12

GUMMY



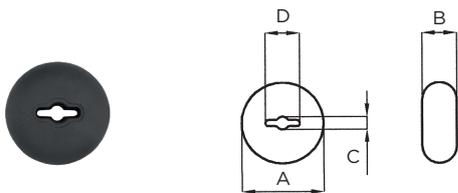
SIZE	MAT.	A	B	C	D
Ø6 mm	GTR	28	24	6	Ø 6

FCF/3



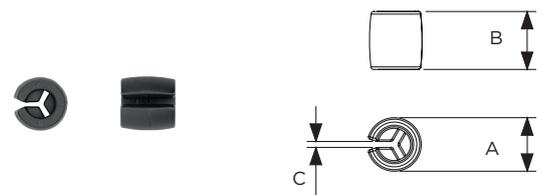
SIZE	MAT.	A	B	C	D
Ø2 mm	GTR	7	Ø 6.5	Ø 3	Ø 3

SLICK



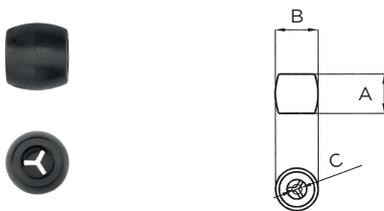
SIZE	MAT.	A	B	C	D
Ø3 mm	GTR	Ø 19	8	Ø 3	8

FRIZZY/SM OPEN



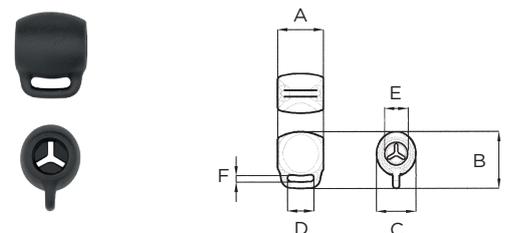
SIZE	MAT.	A	B	C
Ø2.5 mm	GTR	9.6	10	1

FRIZZY



SIZE	MAT.	A	B	C
Ø3 mm	GTR	Ø 12	13	Ø 3

FRIZZY/P8



SIZE	MAT.	A	B	C	D	E	F
Ø3 mm	GTR	Ø 14	17.5	12	8	Ø 3	2



**TERMINALI E TIRETTI**  
PULLERS

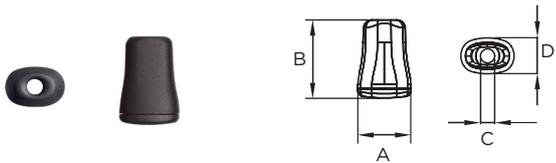
Tiralampo - ZP/5

**TERMINALI PER CORDINI**

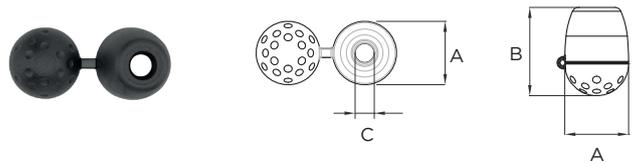
**CORD ENDS**

122/03

TE 3/5

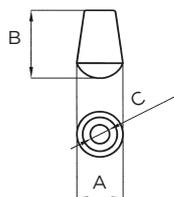


SIZE	MAT.	A	B	C	C
Ø3 mm	PA 6	11.9	17	Ø3.2	8



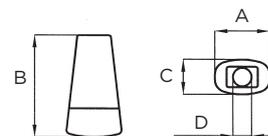
SIZE	MAT.	A	B	C
Ø4.5 mm	PA 6	Ø15	20.9	Ø4.5

110/05



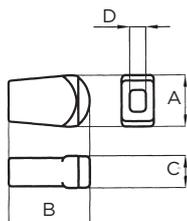
SIZE	MAT.	A	B	C
Ø5 mm	PA 6	Ø12	18	Ø5

106/05



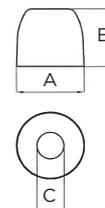
SIZE	MAT.	A	B	C	D
Ø4.5 mm	PA 6	13	25	8.5	Ø4.5

TSN/2



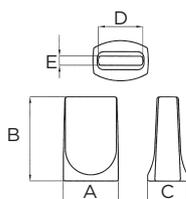
SIZE	MAT.	A	B	C	D
Ø5 mm	PA 6	12.8	20.1	8	4

109



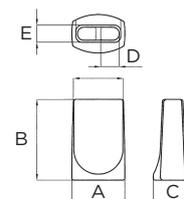
SIZE	MAT.	A	B	C
Ø10 mm	PA 6	Ø10	10	Ø3.5
Ø12 mm	PA 6	Ø12	11.3	Ø4.5
Ø15 mm	PA 6	Ø15	13	Ø6

TF



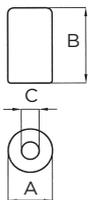
SIZE	MAT.	A	B	C	D	E
10x2 mm	PA 6	13	20	9.5	10.5	2

TF/2



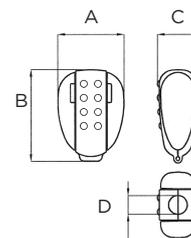
SIZE	MAT.	A	B	C	D	E
3x4.5 mm	PA 6	13	20	9.5	4.5	3

CC3



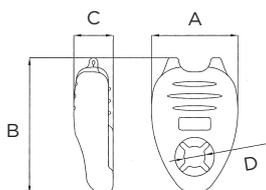
SIZE	MAT.	A	B	C
Ø3 mm	PA 6	Ø7.5	13	Ø3

MINIBALL



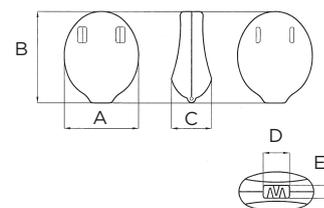
SIZE	MAT.	A	B	C	D
Ø4 mm	PA 6	14	19.5	8.5	Ø 4

TB



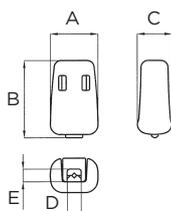
SIZE	MAT.	A	B	C	D
6x3 mm	PA 6	17.5	28	8	Ø 4.5

ZIP



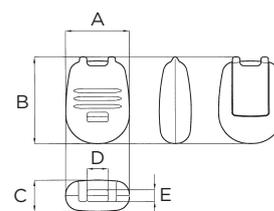
SIZE	MAT.	A	B	C	D	E
6.5x3 mm	PA 6	18.5	23	10	6.5	3

TA/2



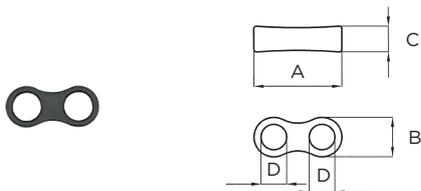
SIZE	MAT.	A	B	C	D	E
Ø3 mm	PA 6	9.5	15.5	7	3	2.5

TA/5



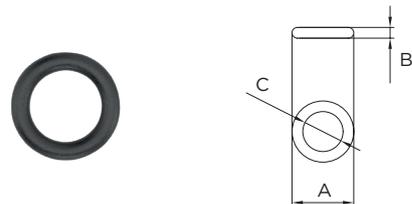
SIZE	MAT.	A	B	C	D	E
5x3 mm	PA 6	16	22	8	5.3	3

T2/4



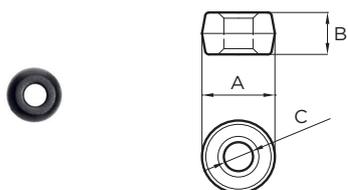
SIZE	MAT.	A	B	C	D
Ø4 mm	PA 6	13.5	6	4	Ø 4

OR



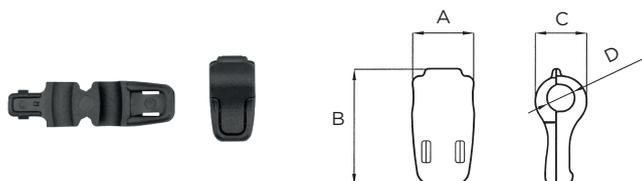
SIZE	MAT.	A	B	C
Ø8 mm	PA 6	11.5	1.8	Ø 8.5
Ø13 mm	PA 6	20	3.6	Ø 13

P/04



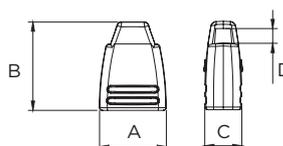
SIZE	MAT.	A	B	C
Ø4 mm	PA 6	Ø 9.4	6.1	Ø 4

PULL/3



SIZE	MAT.	A	B	C	D
Ø3.5 mm	PA 6	8.5	16	7	Ø 3.5

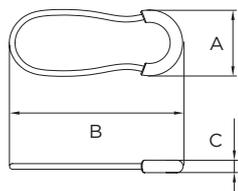
CPH/N



SIZE	MAT.	A	B	C	D
Ø4 mm	PA 6	18.1	24.3	10	4.4

ZP/1

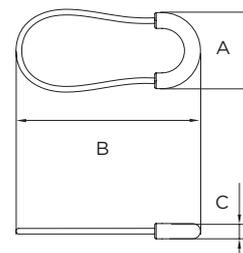
NEW



SIZE	MAT.	A	B	C
--	GTR	23.4	64	4.4

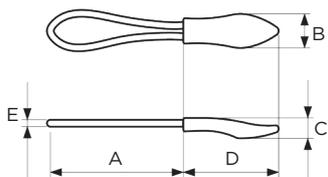
ZP/3

NEW



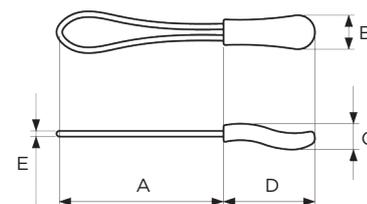
SIZE	MAT.	A	B	C
--	GTR	27	66	5.3

ZP/4



SIZE	MAT.	A	B	C	D	E
--	GTR	35	6	5.4	25	Ø1.8

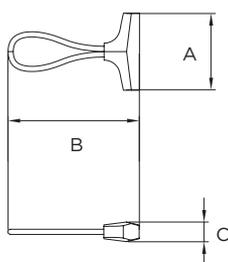
ZP/5



SIZE	MAT.	A	B	C	D	E
--	GTR	43	6	6.8	24	Ø1.5

ZP/6

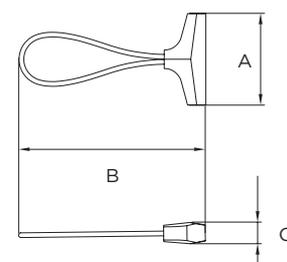
NEW



SIZE	MAT.	A	B	C
--	GTR	22.3	40	6

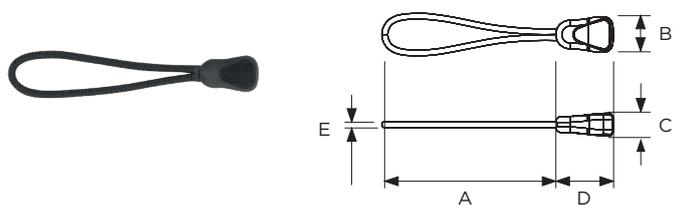
ZP/7

NEW



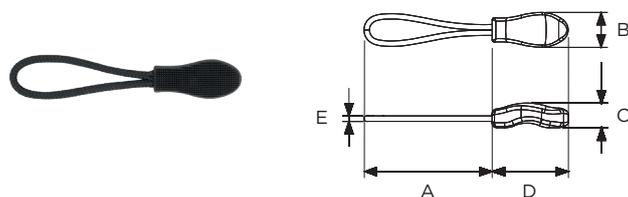
SIZE	MAT.	A	B	C
--	GTR	29.4	61	6.5

ZP/9



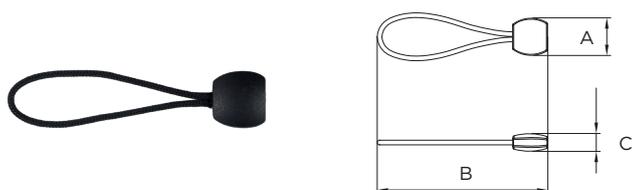
SIZE	MAT.	A	B	C	D	E
--	GTR	38	8	5	12.8	Ø 1.3

ZP/10



SIZE	MAT.	A	B	C	D	E
--	GTR	30	8.4	5.9	18.2	Ø 1.3

ZP/11  
NEW



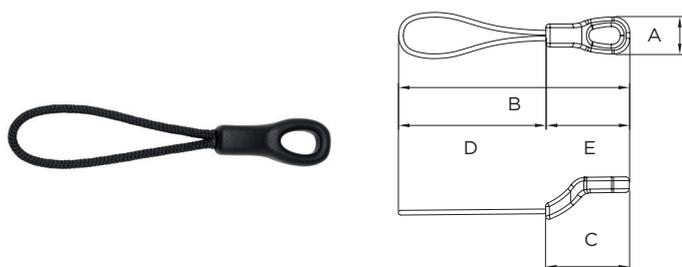
SIZE	MAT.	A	B	C
--	GTR	12	56.3	5.5

ZPU  
NEW



SIZE	MAT.	A	B	C
--	GTR	15.2	60	7.5

ZPF  
NEW



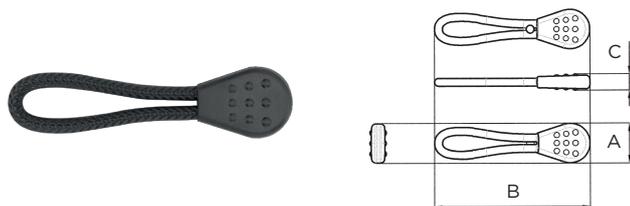
SIZE	MAT.	A	B	C
--	GTR	15.2	72.5	7.5

ZPM



SIZE	MAT.	A	B	C	D	E
--	GTR	12	83	2	32	51

Z1



SIZE	MAT.	A	B	C
--	GTR	15	58.5	6.2

\* FULL PLASTIC

Z2



SIZE	MAT.	A	B	C
--	GTR	15	58.5	5.5

\* FULL PLASTIC

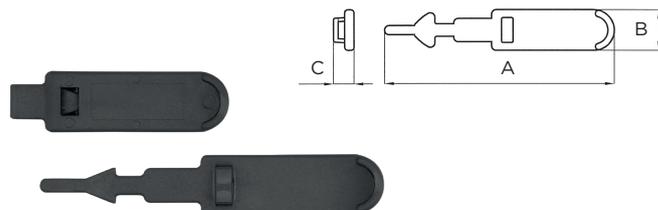
Z3



SIZE	MAT.	A	B	C
--	GTR	13.8	55.5	5.2

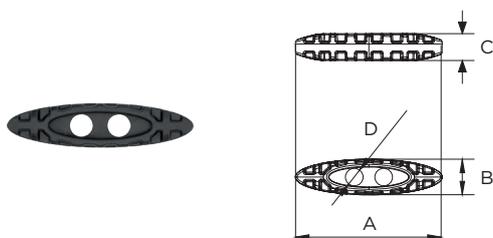
\* FULL PLASTIC

TL



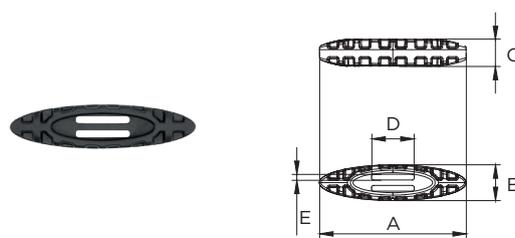
SIZE	MAT.	A	B	C
--	GTR	74.5	13	6.5

TGL/2



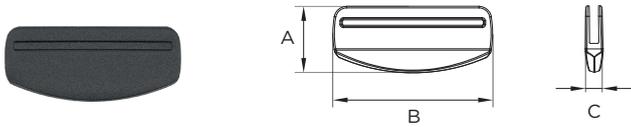
SIZE	MAT.	A	B	C	D
--	POM	37.7	9.1	7	∅ 4.6

TGL/T



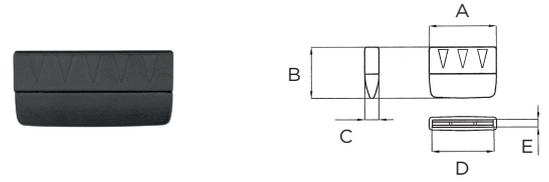
SIZE	MAT.	A	B	C	D	E
--	POM	37.7	9.1	7	11	1.5

BELT LOOP



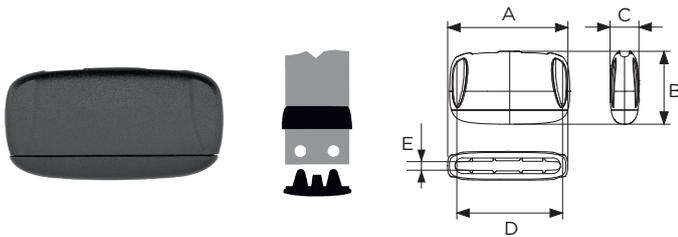
SIZE	MAT.	A	B	C
38 mm	GTR	15.8	38	4

PC



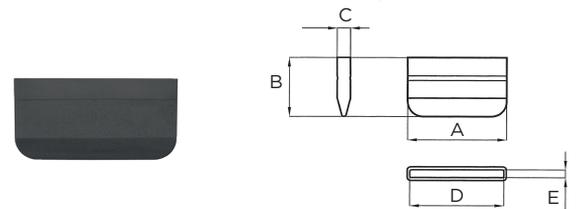
SIZE	MAT.	A	B	C	D	E
20 mm	PA 6	22.5	20	6	20.5	1.5
25 mm	PA 6	27.5	20	6	25.5	1.5
30 mm	PA 6	32.7	20	6	30.4	1.5
40 mm	PA 6	42.7	20	6	40.4	1.5

QLN



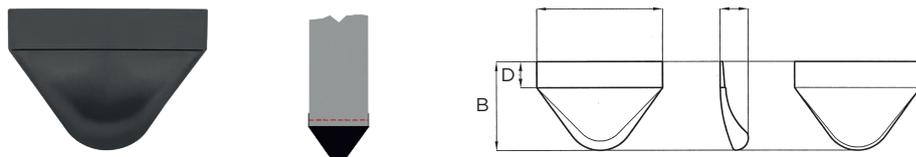
SIZE	MAT.	A	B	C	D	E
25 mm	PA 6	29.3	18	6.8	25.5	1.9
40 mm	PA 6	44.9	23	7.1	40.6	1.9

PNT



SIZE	MAT.	A	B	C	D	E
30 mm	GTR	32	19	4.3	30.5	2.5
40 mm	GTR	42	21.3	4.3	40.5	2.5

PT

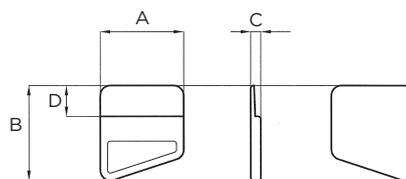


SIZE	MAT.	A	B	C	D
40 mm	GTR	40.5	29	9	8.5



DX - RIGHT

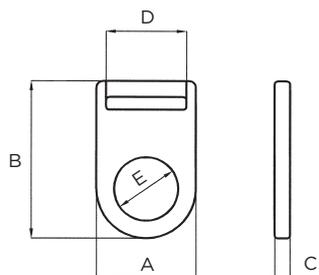
SX - LEFT



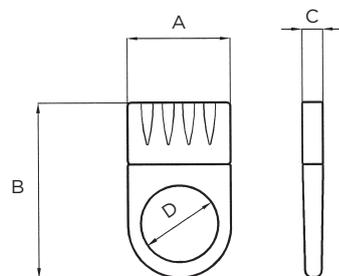
SIZE	MAT.	A	B	C	D
25 mm	GTR	40.5	29	9	8.5

TIRANASTRI

STRAP PULLERS



SIZE	MAT.	A	B	C	D	E
25 mm	PA 6	31	49.5	4.8	25	Ø 20



SIZE	MAT.	A	B	C	D
25 mm	PA 6	30	51.5	6	22

# COMPONENTI CARTOTECNICA

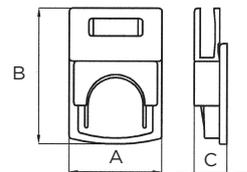
## STATIONERY COMPONENTS

Chiusura a sgancio frontale - ATTAK

CHIUSURE A SGANCIO FRONTALE

FRONT RELEASE LOCKS

ATTAK



SIZE	MAT.	A	B	C
ATTAK/45	PA 6	25	40	9
ATTAK/86	PA 6	31	46	11
ATTAK/100	PA 6	40	51.1	13

\* ARTICOLO FORNITO CON BANANA E CONTROPIASTRA | ITEM SUPPLIED WITH BANANA AND BACKPLATE

ATTAK/2000



SIZE	MAT.	A	B	C
--	PA 6	36.5	47.5	12.5

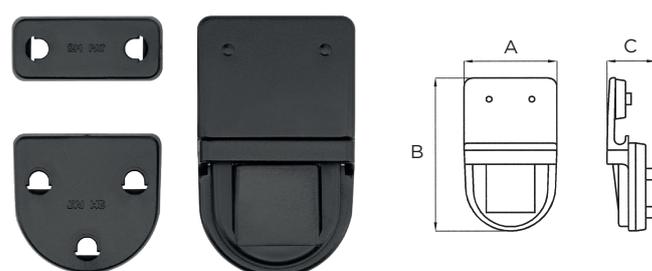
\* ARTICOLO FORNITO CON BANANA E CONTROPIASTRA | ITEM SUPPLIED WITH BANANA AND BACKPLATE

TUKY



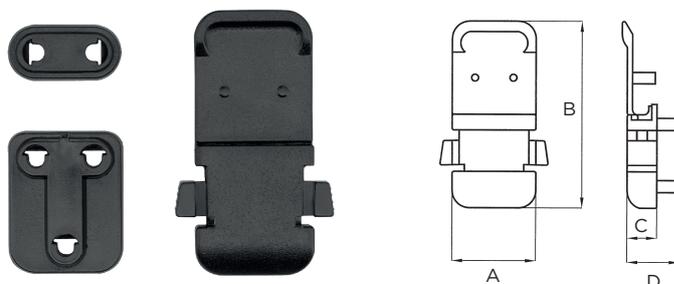
SIZE	MAT.	A	B	C
--	POM	25.5	40.5	14.5

TUKY/GR



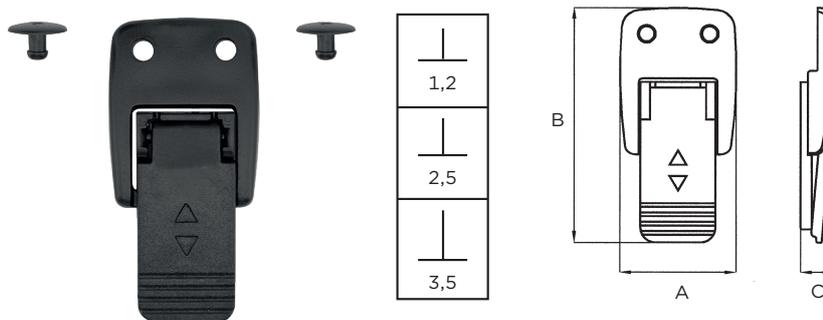
SIZE	MAT.	A	B	C
--	POM	32.5	54	17

007



SIZE	MAT.	A	B	C	D
--	POM	24	54	8.5	15

C4FN



SIZE	MAT.	A	B	C
--	POM	31	63	9

\* ARTICOLO COMPLETO DI CHIODI | ITEM SOLD WITH NAILS

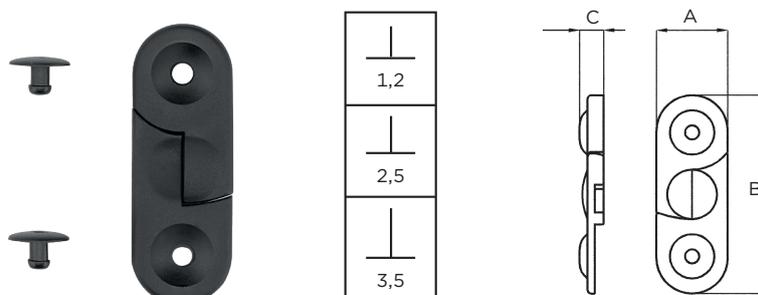
CLN



SIZE	MAT.	A	B	C
--	PA 6	22	64	6.5

\* ARTICOLO COMPLETO DI CHIODI | ITEM SOLD WITH NAILS

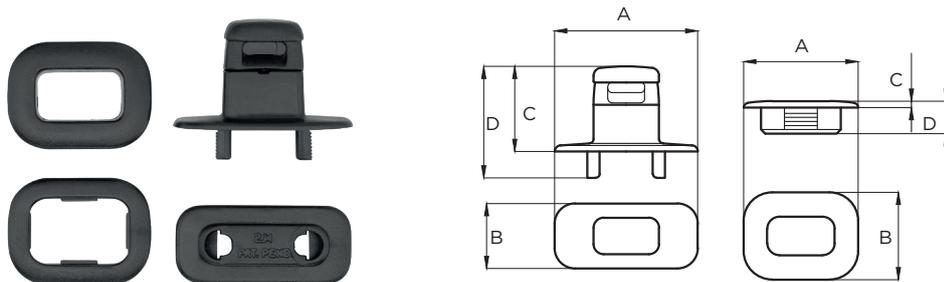
LOCK



SIZE	MAT.	A	B	C
--	PA 6	20	56	6.5

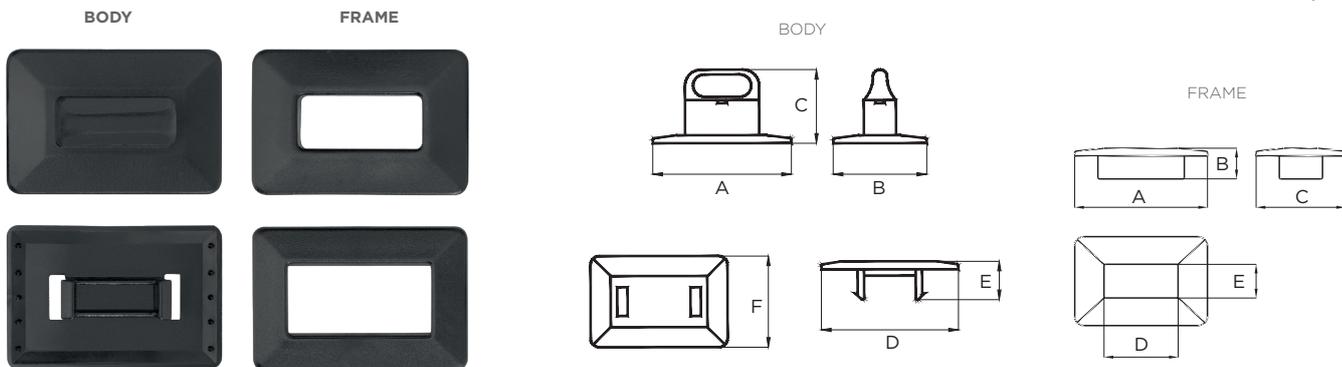
\* ARTICOLO COMPLETO DI CHIODI | ITEM SOLD WITH NAILS

GBN/28



SIZE	MAT.	A	B	C	D
<b>BODY</b>	POM	35	16	21	27.5
<b>FRAME</b>	POM	28	21.5	1.6	8

GB/40



SIZE	MAT.	A	B	C	D	E	F
<b>BODY</b>	POM	43	29	23	42.5	12	28.5
<b>FRAME</b>	POM	43	10	29	24	11	





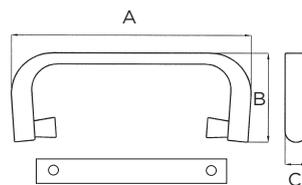
**MANIGLIE**  
HANDLES

Maniglie imbottite - TH/8

MANIGLIE RIGIDE

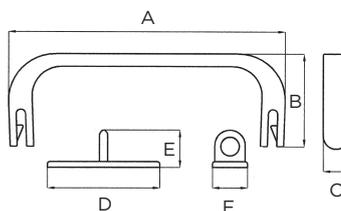
RIGID HANDLES

340/1



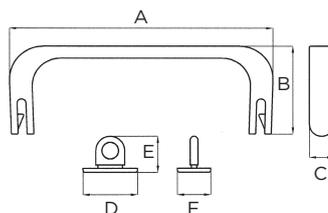
SIZE	MAT.	A	B	C
--	PP	117	44	11

340/2



SIZE	MAT.	A	B	C	D	E	F
--	PP	118	40	11	48	16	15

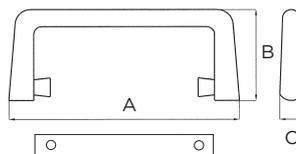
340/3



SIZE	MAT.	A	B	C	D	E	F
--	PP	118	40	11	24.5	16.5	15

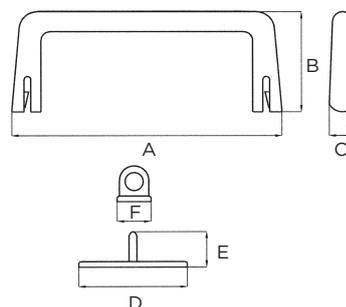
\* A RICHIESTA ATTACCO H 21.5 MM | AT REQUEST HANDLE PLATE H 21.5 MM

400/1



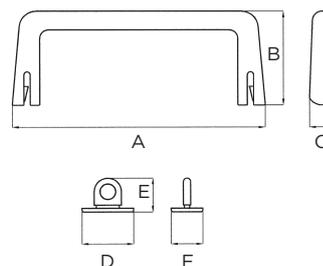
SIZE	MAT.	A	B	C
--	PP	120	48	12

400/2



SIZE	MAT.	A	B	C	D	E	F
--	PP	120	45	12	48	16	15

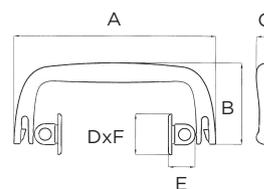
400/3



SIZE	MAT.	A	B	C	D	E	F
--	PP	120	45	12	24.5	16.5	15

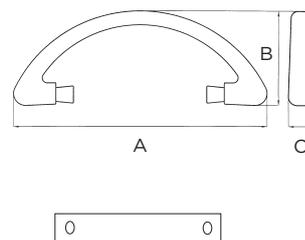
\* A RICHIESTA ATTACCO H 21.5 MM | AT REQUEST HANDLE PLATE H 21.5 MM

500/3



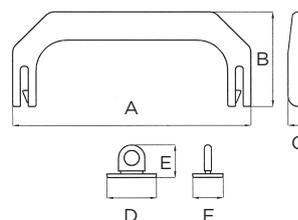
SIZE	MAT.	A	B	C	D	E	F
--	PP	122	49.5	11	25	16	15.5

800/1



SIZE	MAT.	A	B	C
--	PP	145	54.5	14

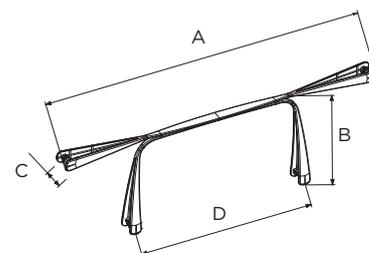
070/3



SIZE	MAT.	A	B	C	D	E	F
--	PP	117.5	47	10	24.5	16.5	15

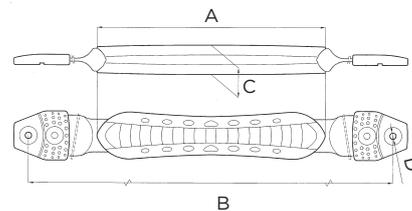
\* A RICHIESTA ATTACCO H 21.5 MM | AT REQUEST HANDLE PLATE H 21.5 MM

MSPP



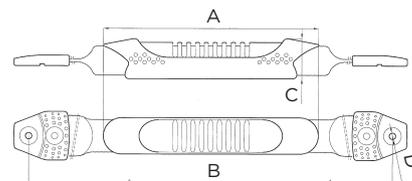
SIZE	MAT.	A	B	C	D
--	PP	258	71	13.9	140-150

THR/2



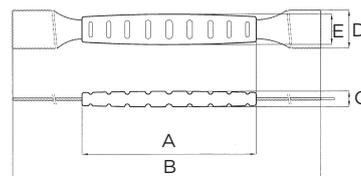
SIZE	MAT.	A	B	C	D
--	GTR	140	242	18	Ø3.9

THR/3



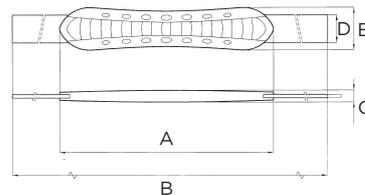
SIZE	MAT.	A	B	C	D
--	GTR	132	252	24.8	Ø3.9

TH/4



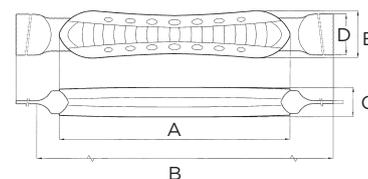
SIZE	MAT.	A	B	C	D	E
15 mm	GTR	91	300	8.2	10	16

TH/7



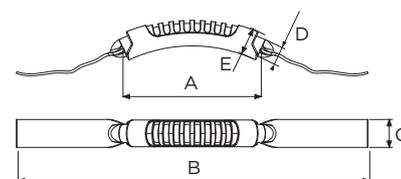
SIZE	MAT.	A	B	C	D	E
25 mm	GTR	145	300	7.5	25	32.5

TH/8 - TH/9



SIZE	MAT.	A	B	C	D	E
TH/8-15 mm	GTR	113	300	12.5	15	22
TH/9-25 mm	GTR	140	300	18	25	28.8

TH/11



SIZE	MAT.	A	B	C	D	E
25 mm	GTR	128	530	26	Ø 17	Ø 25



# BOTTONI

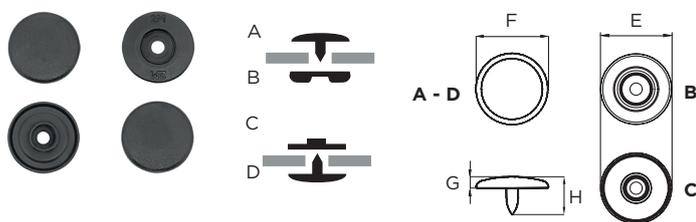
## BUTTONS

Bottoni a pressione - PRESS/12.5

### BOTTONI A PRESSIONE

### SNAP FASTENERS

#### PRESS

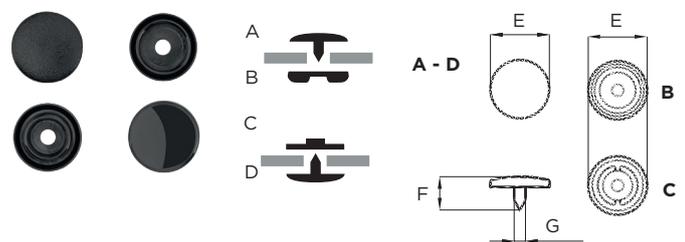


SIZE	MAT.	E	F	G	H
Ø10 mm ..	POM	Ø9.7	Ø10.3	6.2	1.6
Ø12.5 mm	POM	Ø12.5	Ø12.5	7.1	2.2
Ø12.5/C14 mm	POM	Ø12.5	Ø14	7.5	2
Ø14 mm <b>NEW</b>	POM	Ø13.8	Ø14	7.5	2
Ø18 mm	POM	Ø18	Ø18	8	3

●● PRESS/10 - DISPONIBILE CON TESTA LUCIDA O OPACA  
PRESS/10 - AVAILABLE WITH MATT OR SHINY HEAD

\* APPLICAZIONE CON PUNZONE (A RICHIESTA)  
APPLICATION BY TOOL (AT REQUEST)

#### KAPPA

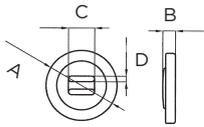


SIZE	MAT.	E	F	G
Ø14 mm	POM	Ø14.5	8.2	Ø2.8
Ø15 mm ..	POM	Ø14.9	8.3	Ø2.8

●● KAPPA/15 - DISPONIBILE CON TESTA LUCIDA O OPACA  
KAPPA/15 - AVAILABLE WITH MATT OR SHINY HEAD

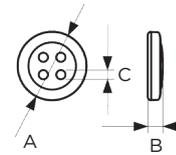
\* APPLICAZIONE CON PUNZONE (A RICHIESTA)  
APPLICATION BY TOOL (AT REQUEST)

BF



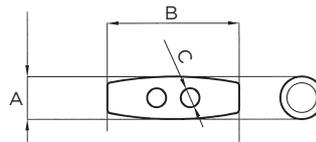
SIZE	MAT.	A	B	C	D
Ø15 mm	PA 6 - HPE SFT	Ø 15	3.3	8	1.8
Ø20 mm	PA 6 - HPE SFT	Ø 20	3.7	8.8	2.2
Ø25 mm	PA 6 - HPE SFT	Ø 25	4.7	10.7	2.4
Ø30 mm	PA 6 - HPE SFT	Ø 30	5.4	11	2.4

BF 4/F



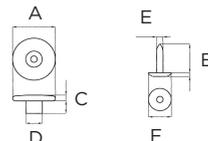
SIZE	MAT.	A	B	C
Ø15 mm	PA 6 - HPE SFT	Ø 15	3.2	Ø 1.8
Ø20 mm	PA 6 - HPE SFT	Ø 20	3.3	Ø 2.2
Ø25 mm	PA 6 - HPE SFT	Ø 25	4.1	Ø 2.6
Ø30 mm	PA 6 - HPE SFT	Ø 30	4.4	Ø 3

OL/2



SIZE	MAT.	A	B	C
30 mm	PA 6	10	30.5	Ø 4.7
35 mm	PA 6	11.2	35.5	Ø 5.1
40 mm	PA 6	13.5	42	Ø 5.3

BJ/17



SIZE	MAT.	A	B	C	D	E	F
Ø17 mm	PA 6	Ø 17	13	7.3	Ø 6.5	Ø 2.6	Ø 9

\* DISPONIBILE PUNZONE PER APPLICAZIONE | ATTACHING TOOL AVAILABLE

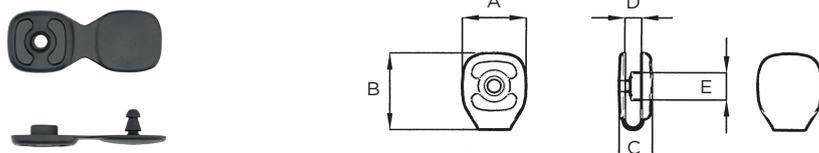
**RIVETTI**  
RIVETS

Rivetti automatici - RP

RIVETTO SIGILLO

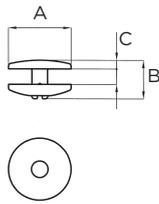
SAFETY RIVET

AMR



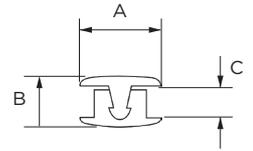
SIZE	MAT.	A	B	C	D	E
14 mm	PS	11.5	14	6	3	Ø5

RV



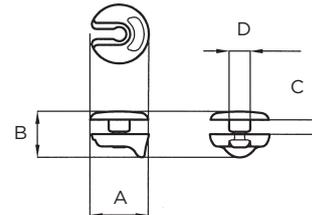
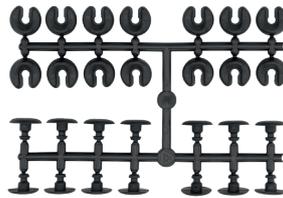
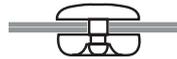
SIZE	MAT.	A	B	C
THK - 3 mm	PA 6	Ø 12	7.5	3
THK - 5 mm	PA 6	Ø 12	9.3	5

RM 12/5



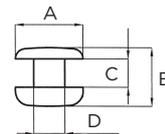
SIZE	MAT.	A	B	C
Ø12 mm	PA 6	Ø 11.8	7.6	4.2

RA/14

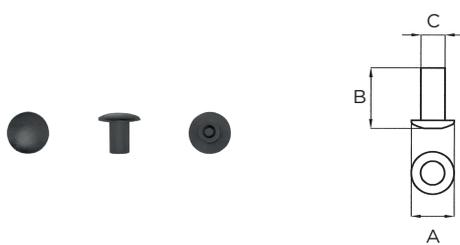


SIZE	MAT.	A	B	C	D
THK - 2.5 mm	PP	Ø 14	10.3	2.5	Ø 5
THK - 3.5 mm	PP	Ø 14	11.1	3.5	Ø 5
THK - 4.1 mm	PP	Ø 14	11.7	4.1	Ø 5
THK - 5.0 mm	PP	Ø 14	12.6	5	Ø 5

SST



SIZE	MAT.	A	B	C	D
THK - 2.5 mm	PA 6	Ø 12	8	2.5	Ø 5.5
THK - 5.0 mm	PA 6	Ø 12	10.5	5	Ø 5.5
THK - 7.5 mm	PA 6	Ø 12	13	7.5	Ø 5.5
THK - 9.5 mm	PA 6	Ø 12	15	9.5	Ø 5.5

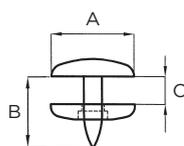


SIZE	MAT.	A	B	C
RP 4/6/8	POM	Ø7.8	7.5	Ø 3.7
RP/7	POM	Ø6.8	9.8	Ø 3.7

\* DISPONIBILE PUNZONE PER APPLICAZIONE | ATTACHING TOOL AVAILABLE

# RIVETTI AUTO-PERFORANTI

# SELF-PIERCING RIVETS



SIZE	MAT.	A	B	C
Ø9 mm	POM	Ø 9	7	2/4
Ø12/THK 7.5 mm	POM	Ø 12	7.5	2/4
Ø12/THK 10 mm	POM	Ø 12	10	2/4

\* DISPONIBILE PUNZONE PER APPLICAZIONE | ATTACHING TOOL AVAILABLE



# OCCHIELLI E AREATORI

## EYELETS & BREATHERS

Areatori - BR/12

OCCHIELLI

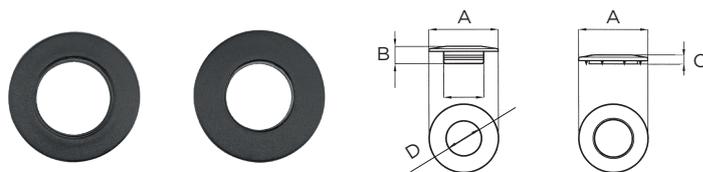
EYELETS

OKV



SIZE	MAT.	A	B	C	D
Ø int. 4.5 mm	PBT	Ø10.5	8.2	1.6	Ø4.5
Ø int. 6 mm	PBT	Ø11.5	6.5	1.7	Ø5.8
Ø int. 6/8 mm	PBT	Ø11.5	8.3	1.7	Ø5.8
Ø int. 10 mm	PBT	Ø18.2	8.2	2	Ø10
Ø int. 12 mm	PBT	Ø24	8	2	Ø12
Ø int. 14.5 mm	PBT	Ø33.4	9.5	2.3	Ø14.6
Ø int. 19 mm	PBT	Ø38	9.8	2.5	Ø19
Ø int. 39 mm	PBT	Ø64.7	12	2.5	Ø38.6

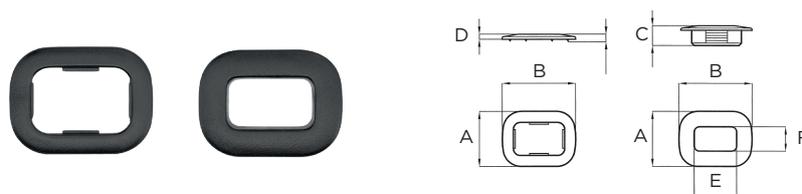
\* DISPONIBILE PUNZONE PER APPLICAZIONE | ATTACHING TOOL AVAILABLE



SIZE	MAT.	A	B	C	D
Ø int. 15 mm	PA 6	Ø27	7	2.3	Ø15.5

\* DISPONIBILE PUNZONE PER APPLICAZIONE | ATTACHING TOOL AVAILABLE

EL



SIZE	MAT.	A	B	C	D	E	F
int. 16x9 mm	POM	21.5	28.5	8	2	16.5	9.5

\* DISPONIBILE PUNZONE PER APPLICAZIONE | ATTACHING TOOL AVAILABLE

OKV/60



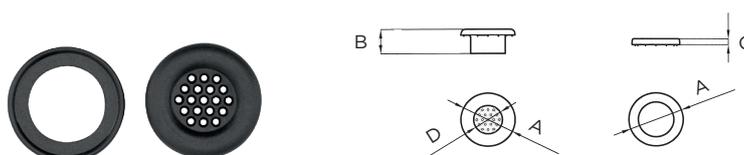
SIZE	MAT.	A	B	C	D	E	F
int. 60 mm	POM	74.8	20.8	2.8	60	6	6.8



SIZE	MAT.	A	B	C	D
Ø ext. 14 mm	PA 6	Ø 14	2.1	4.5	Ø7
Ø ext. 20 mm	PA 6	Ø 20	3.2	6	Ø10.5
Ø ext. 27 mm	PA 6	Ø 27	4.3	7	Ø14

\* DISPONIBILE PUNZONE PER APPLICAZIONE | ATTACHING TOOL AVAILABLE

## BR/6-BR/10-BR/12



SIZE	MAT.	A	B	C	D
Ø int. 6 mm	PBT	Ø 11.5	6	1.5	Ø 6
Ø int. 10 mm	PBT	Ø 18.2	8.2	2	Ø 10
Ø int. 12 mm	PBT	Ø 24	8	2	Ø 12

\* DISPONIBILE PUNZONE PER APPLICAZIONE | ATTACHING TOOL AVAILABLE



SIZE	MAT.	A	B	C	D	E	F
int. 16x9 mm	POM	21.5	28.5	8	2	9.5	16.5

\* DISPONIBILE PUNZONE PER APPLICAZIONE | ATTACHING TOOL AVAILABLE



**ACCESSORI VARI**  
VARIOUS

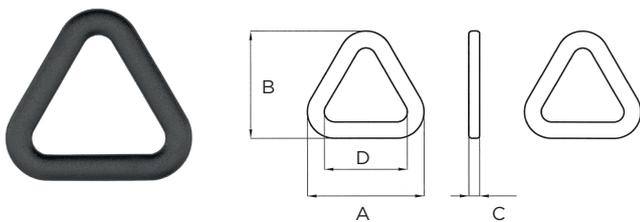
Accessori vari - MASCLIP

**ACCESSORI SCARPE**

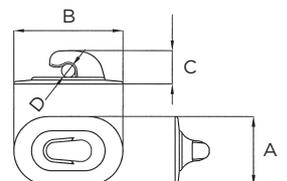
**SHOES ACCESSORIES**

TSB

GC 20/30

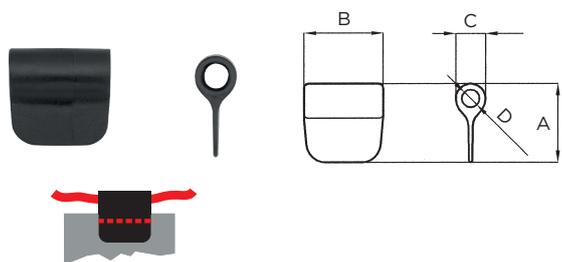


SIZE	MAT.	A	B	C	D
25 mm	PA 6	38.6	35.8	3.6	27.5



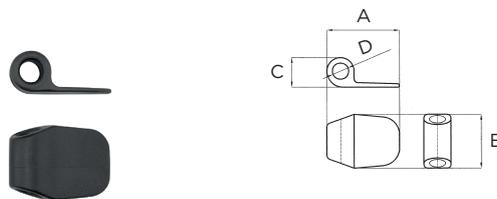
SIZE	MAT.	A	B	C	D
--	PA 6.6	20.2	32	10	Ø 4

TUB



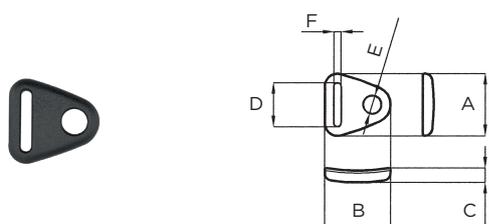
SIZE	MAT.	A	B	C	D
Ø4.5 mm	GTR	20	20	8	Ø 4.5

TUB-SA/15



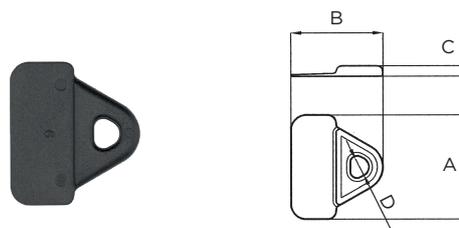
SIZE	MAT.	A	B	C	D
Ø4.5 mm	PA 6.6	20	15	8.2	Ø 4.5

PLT 10/5



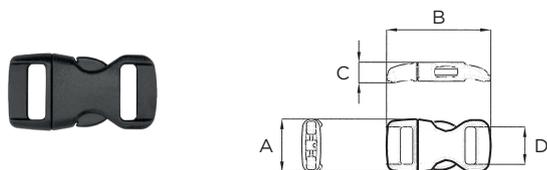
SIZE	MAT.	A	B	C	D	E	F
10 mm	PA 6.6	17	18	3.9	12	Ø 5	2

PSC-N/100



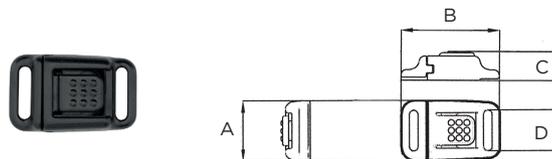
SIZE	MAT.	A	B	C	D
--	PA 6	30	26.5	3	Ø 5.2

SL/10



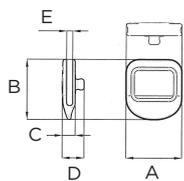
SIZE	MAT.	A	B	C	D
10 mm	POM	15.5	30	6	11

CB/10



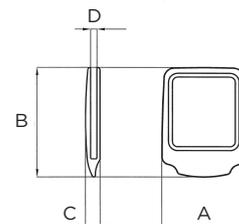
SIZE	MAT.	A	B	C	D
10 mm	POM	15.5	25.2	7.5	10.5

PLK/20



SIZE	MAT.	A	B	C	D	E
20 mm	PA 6	22	24	5	8.5	2.5

PLK/30

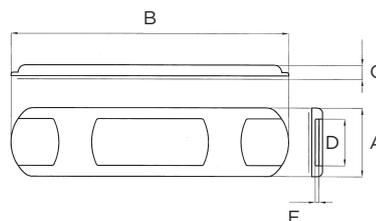


SIZE	MAT.	A	B	C	D
30 mm	PA 6	32	42.5	5.5	2.5

SPALLACCI

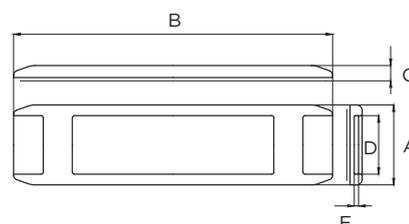
SHOULDER PADS

SP/16 - SP/20



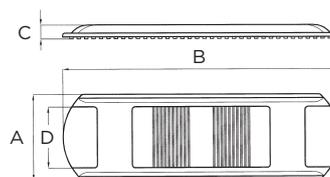
SIZE	MAT.	A	B	C	D	E
16 mm	GTR	27	113	5.8	18	1.8
20 mm	GTR	32	128	6.5	21.8	1.8

SP/25



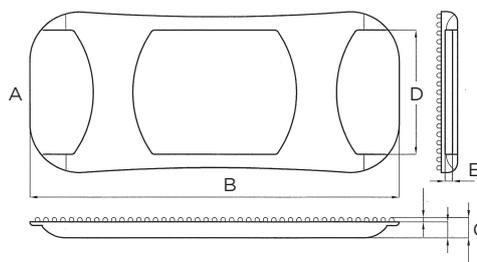
SIZE	MAT.	A	B	C	D	E
25 mm	GTR	36.6	145	7	26.8	2

SPN



SIZE	MAT.	A	B	C	D
30 mm	GTR	44.5	142	7	31.5
40 mm	GTR	55	140	7	41

SP/50

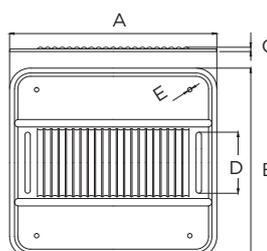


SIZE	MAT.	A	B	C	D	E
50 mm	GTR	65	149	8.3	50.2	3

COPRIMANIGLIA

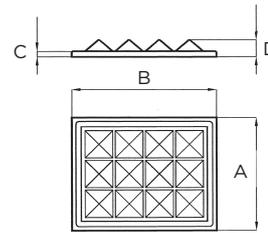
HANDLE GRIP

CM

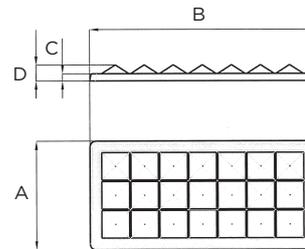


SIZE	MAT.	A	B	C	D	E
40 mm	GTR	138	127	2.9	41	∅ 3

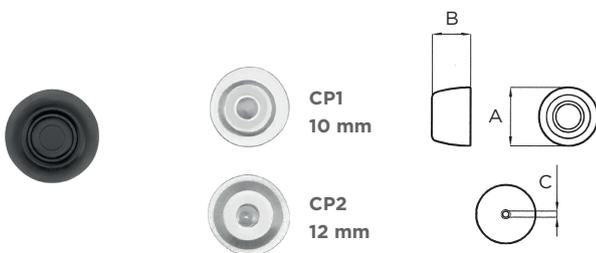
\* APPLICABILE CON BOTTONI AUTOMATICI PRESS/14 - KAPPA/14  
 ATTACHABLE WITH SNAP FASTENERS PRESS/14 - KAPPA/14



SIZE	MAT.	A	B	C	D
39x49 mm	GTR	39.2	49.5	1.9	5.9



SIZE	MAT.	A	B	C	D
37x77 mm	GTR	37.5	77.5	2.5	5.5



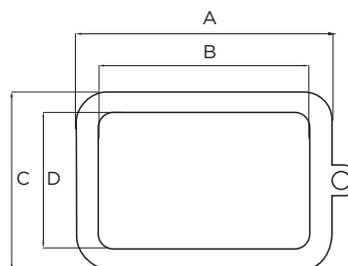
SIZE	MAT.	A	B	C
20 mm	PP	Ø18.7	12.2	Ø 2

 DISPONIBILE PUNZONE PER APPLICAZIONE  
ATTACHING TOOL AVAILABLE



SIZE	MAT.	A	B	C
20 mm	PP	Ø19.6	10.4	Ø3.6

TAG



SIZE	MAT.	A	B	C	D
89x62 mm	GTR	89.5	74.5	62.2	47.5

\* COMPONENTI CARD E LAC DISPONIBILI SEPARATAMENTE  
CARD AND LAC COMPONENTS AVAILABLE SEPARATELY

LAC

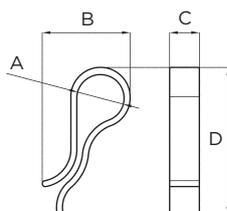


SIZE	MAT.	A
LAC/1	PP	180
LAC/2	PP	140

ACCESSORI VARI

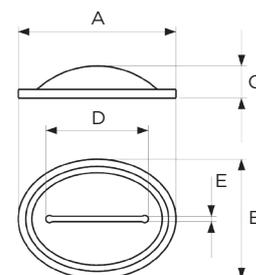
MISCELLANEOUS

GT



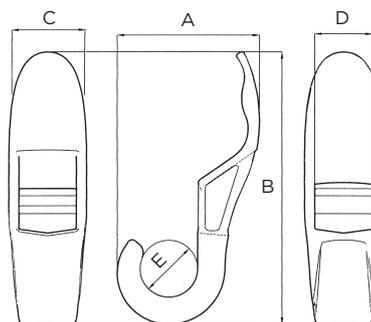
SIZE	MAT.	A	B	C	D
--	MTC	Ø17.5	32.5	11	55

PTC



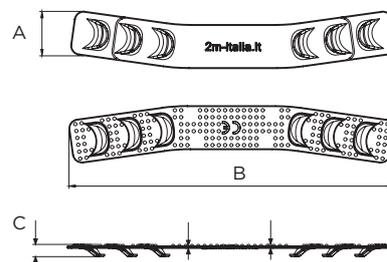
SIZE	MAT.	A	B	C	D	E
10 mm	GTR	43	32.8	8.9	28	1.5

GSM/25



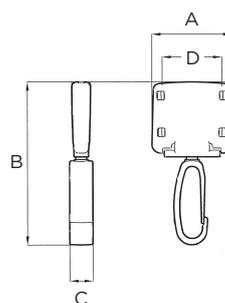
SIZE	MAT.	A	B	C	D	E
25 mm	PA 6	62.5	124	34.5	25.2	Ø24

MASCLIP



SIZE	MAT.	A	B	C
--	GTR	24	176	6.7

APB



SIZE	MAT.	A	B	C	D
20 mm	PA 6	26	52	6	20



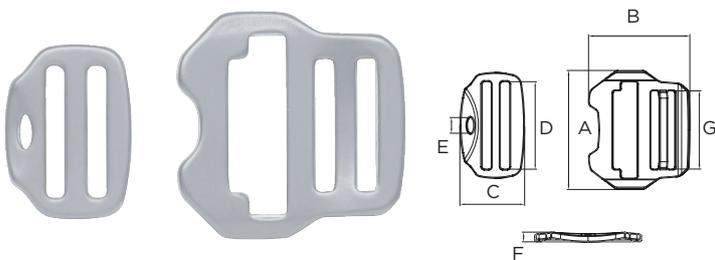
**ALUPLAST**  
ALUPLAST

Aluplast - TENSION HOOK

**ALUPLAST**

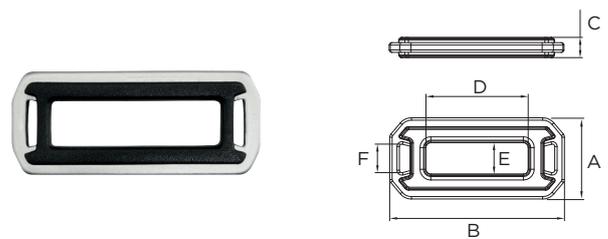
**ALUPLAST**

**ALUPLAST BELT BUCKLE**



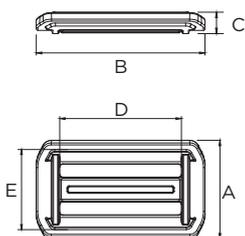
SIZE	MAT.	A	B	C	D	E	F	G
<b>25 mm</b>	ALU	43.2	44.2	25.3	26	7	4.1	26.2
<b>40 mm</b>	ALU	59.3	50.1	28.7	39	7	4.1	39

**ALUPLAST LOOP**



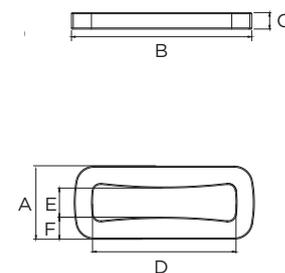
SIZE	MAT.	A	B	C	D	E	F
<b>20 mm</b>	ALU+POM	16.8	35.9	4.2	21	6.5	5.9
<b>25 mm</b>	ALU+POM	19.3	41.9	4.7	26	8	6
<b>40 mm</b>	ALU+POM	24.3	57.2	5.2	39	11	10.6

ALUPLAST SLIDER



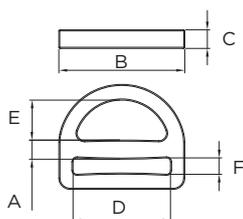
SIZE	MAT.	A	B	C	D	E
25 mm	ALU+POM	25.8	42.9	6.2	26	22.2
40 mm	ALU+POM	31.8	54	6.9	39	27.9

ALUPLAST PROFILE LOOP



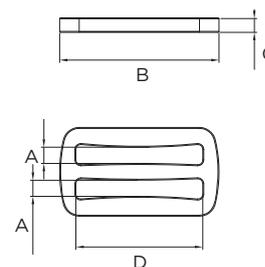
SIZE	MAT.	A	B	C	D	E	F
40 mm	ALU	20	49	5	39	8	6

ALUPLAST PROFILE D RING



SIZE	MAT.	A	B	C	D	E	F
25 mm	ALU	122	49.5	11	25	16	15.5

ALUPLAST PROFILE SLIDER

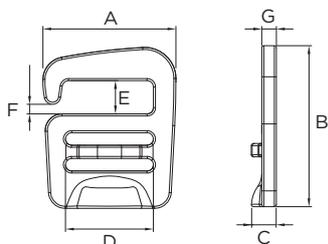


SIZE	MAT.	A	B	C	D
40 mm	ALU	5	49	5	39

ALUPLAST TENSION HOOK

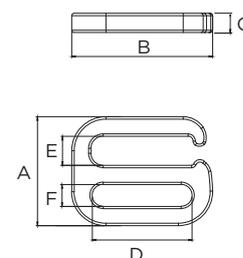


DX - RIGHT SX - LEFT



SIZE	MAT.	A	B	C	D	E	F	G
20 mm	ALU	31.8	38.7	6	21	8	2.3	3.5
25 mm	ALU	39.5	42	6	26.5	8	23	3.5

ALUPLAST SHORTY TENSION HOOK



SIZE	MAT.	A	B	C	D	E	F
20 mm	ALU	22.6	28.9	4	20.5	6	4.5
25 mm	ALU	25.6	33.7	4	25.8	7.7	5.9

## NYLON 6 - NYLON 6.6 (PA 6 - PA 6.6)

- High mechanical strength
- Great rigidity
- Great stability to heat
- Excellent toughness even at subzero temperatures
- Good fire resistance
- Good resistance to oils, grease and solvents
- Dyes very easily
- Available also in FLAME RETARDANT version

## ACETAL (POM)

- High rigidity
- High mechanical strength
- Good elasticity
- Excellent abrasion resistance
- Good resistance to oils, grease and solvents
- Low water absorption

## POLYESTER (PBT)

- High rigidity and hardness
- Low tendency to creep
- High short-term heat distortion temperature
- Good abrasion resistance
- Good insulation properties
- Minimal water absorption
- Good chemical resistance
- Good impact strength at low temperatures

## TABELLA DI COMPARAZIONE

## MATERIAL COMPARISON TABLE

PROPERTY	UNIT	NYLON			ACETAL	POLYESTER
		PA 6	PA 6.6	PA FR		
MECHANICAL		PA 6	PA 6.6	PA FR	POM	PBT
TENSILE STRESS AT YIELD	Mpa	80	85	80	65	60
TENSILE MODULUS	Mpa	3200	3200	3400	2900	2700
TENSILE STRAIN AT BREAK	%	40	35	15	25	9
FLEXURAL MODULUS	Mpa	2800	2800	3200	2800	2650
CHARPY NOTCHED IMPACT STRENGTH	KJ/m <sup>2</sup>	4,5	4,5	4	6,5	<10
THERMAL						
MELTING POINT	°C	221	263	221	166	225
FLAMMABILITY - UL 94	CLASS	V2	V2	V0	HB	HB
PHYSICAL						
DENSITY	g/cm <sup>3</sup>	1,1	1,14	1,2	1,41	1,31
WATER ABSORPTION 24 HRS AT 24 ±C	%	1,3	1,2	0,9	0,65	0,2

**NOTES:** Values shown are indicative and refer to the raw materials we use. Test run at 23°. at DAM state (dry as moulded)

A series of horizontal dashed lines for writing notes.

007	p. 68	DOUBLE SM/P10	p. 55	O	p. 47	SPIDER/40	p. 30
070/3	p. 74	DROP	p. 51	OKV	p. 82	SPIDER/40 BC	p. 35
106/05	p. 59	DROP/2	p. 51	OKV/15	p. 83	SPIDER/75	p. 30
109	p. 59	DSB	p. 13	OKV/60	p. 83	SPIDER/75 BC	p. 35
110/05	p. 59	DSC	p. 18	OL/2	p. 78	SPIDER/80	p. 30
122/03	p. 58	E	p. 14	OR	p. 61	SPIDER/80 BC	p. 35
340/1	p. 71	EB	p. 9	OS	p. 47	SPN	p. 88
340/2	p. 72	ECH	p. 44	OS/50 LARGE	p. 47	SR/1	p. 31
340/3	p. 72	ECO/01	p. 51	OS/BC	p. 35	SR/2	p. 32
400/1	p. 72	EL	p. 83	P/O4	p. 61	SR/3	p. 32
400/2	p. 73	ESALOCK	p. 9	PC	p. 65	SR/5	p. 32
400/3	p. 73	F1	p. 54	PC6L	p. 39	SRC MALE	p. 28
500/3	p. 73	F3	p. 54	PCB	p. 9	SRC/WB BP	p. 28
700/4V	p. 23	F3W	p. 23	PICK UP/F10	p. 52	SRC/WB FEMALE	p. 28
795/FC	p. 34	F4/M	p. 54	PICK UP/GN	p. 52	SRS	p. 33
800/1	p. 74	F5W	p. 25	PICK UP/M	p. 52	SSL	p. 8
800/4V	p. 24	FA	p. 14	PICK UP/P	p. 52	SSL/3B	p. 8
900	p. 8	FAN	p. 14	PLK/20	p. 87	SSP	p. 18
AL	p. 48	FAS	p. 14	PLK/30	p. 87	SST	p. 80
ALFA STERNUM CLIP	p. 18	FBP	p. 12	PLT 10/5	p. 86	STM	p. 36
ALUPLAST BELT BUCKLE	p. 92	FBP/3B	p. 12	PNT	p. 65	SWB	p. 12
ALUPLAST LOOP	p. 92	FBT	p. 12	POLO	p. 53	T2/4	p. 61
ALUPLAST PROFILE D RING	p. 93	FC2	p. 53	PORTE SKY	p. 39	TA/2	p. 60
ALUPLAST PROFILE LOOP	p. 93	FCF/3	p. 57	PP	p. 89	TA/5	p. 60
ALUPLAST PROFILE SLIDER	p. 93	FCH/5W	p. 24	PPF	p. 89	TAG	p. 90
ALUPLAST SHORTY TENSION HOOK	p. 93	FDR	p. 8	PPS	p. 66	TB	p. 60
ALUPLAST SLIDER	p. 93	FGP	p. 7	PRC	p. 89	TE 3/5	p. 58
ALUPLAST TENSION HOOK	p. 93	FLAT	p. 53	PRD/21	p. 89	TEE BAR	p. 38
AMR	p. 79	FLY	p. 10	PRESS	p. 77	TF	p. 59
APB	p. 91	FM	p. 29	PRT	p. 18	TF/2	p. 59
AR	p. 84	FP	p. 13	PS/B	p. 10	TGL/2	p. 64
ARM	p. 37	FPS	p. 11	PS/B SPORTELLO	p. 29	TGL/T	p. 64
ASB	p. 10	FPS/DR	p. 11	PSA	p. 49	TH/4	p. 75
ASF	p. 16	FPS/MR	p. 11	PSC-N/100	p. 86	TH/7	p. 76
ASN	p. 16	FRIZZY	p. 57	PSL	p. 49	TH/8	p. 76
ASN/BC	p. 34	FRIZZY/P8	p. 57	PSM/50	p. 29	TH/9	p. 76
ASP	p. 16	FRIZZY/SM OPEN	p. 57	PSM/56	p. 29	TH/11	p. 76
ATM	p. 38	FV2	p. 54	PSN	p. 48	THR/2	p. 75
ATN	p. 66	GB/40	p. 70	PSN/16-18	p. 49	THR/3	p. 75
ATTAK	p. 67	GBN/28	p. 70	PST	p. 49	TL	p. 64
ATTAK/2000	p. 68	GC 20/30	p. 85	PT	p. 65	TLH	p. 19
AUT	p. 10	GM	p. 43	PTC	p. 90	TR	p. 46
B2W	p. 8	GPP	p. 39	PTH	p. 19	TRB	p. 20
B3W	p. 23	GSM	p. 91	PULL	p. 66	TRC/45	p. 21
BALL	p. 53	GT	p. 90	PULL/3	p. 61	TRC/60	p. 21
BATMAN	p. 50	GUMMY	p. 57	QLN	p. 65	TRG	p. 15
BB	p. 9	HB	p. 41	QR	p. 33	TRP	p. 21
BC/4	p. 56	HTP	p. 7	RA/14	p. 80	TSB	p. 85
BC/6	p. 56	JAP	p. 52	RCF	p. 38	TSC	p. 18
BCM	p. 38	JP/2	p. 55	RD	p. 48	TSH	p. 45
BELT CAM	p. 13	KAPPA	p. 77	RED	p. 48	TSN/2	p. 59
BELT LOOP	p. 65	LAC	p. 90	REVO	p. 6	TUBE	p. 86
BF	p. 78	LDL	p. 15	RG	p. 18	TUBE/5	p. 56
BF/4F	p. 78	LITTLE	p. 51	RH	p. 45	TUB-SA/15	p. 86
BH	p. 17	LITTLE/3	p. 51	RIB GUARD	p. 38	TUKY	p. 68
BJ/17	p. 78	LJW2	p. 41	RING	p. 50	TUKY/GR	p. 68
BLOK	p. 52	LM/CL	p. 34	RM 12/5	p. 80	TWINS	p. 55
BLS	p. 9	LOCK	p. 69	ROC/40	p. 31	V DIVIDER	p. 20
BM	p. 37	LOOP/CL	p. 34	ROC/40 BC	p. 36	WB	p. 29
BPM	p. 37	LS	p. 16	ROC/80	p. 31	WB/BC	p. 34
BR	p. 84	LS/BC	p. 34	ROC/80 BC	p. 36	WB/CL FEMALE	p. 28
BR/6	p. 84	LS/CF6	p. 16	RP	p. 81	WB/CL MALE	p. 27
BR/10	p. 84	LSC	p. 17	RV	p. 80	WB/DR FEMALE	p. 28
BR/12	p. 84	MAC	p. 42	RVA	p. 81	WB/DR MALE	p. 27
BS	p. 12	MAP	p. 47	SA	p. 47	WB/HYBRID DR	p. 27
BSN	p. 48	MASCLIP	p. 91	SB	p. 25	WB/HYBRID SR	p. 27
C4FN	p. 69	MASSLOCK	p. 38	SC	p. 17	WB/NS MALE	p. 27
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CLN	p. 69	MMP	p. 43	SCNL	p. 17	Z3	p. 64
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DOUBLE/SM	p. 55	NHR	p. 43	SP/25	p. 87	ZPU	p. 63
		NYCORD	p. 51	SP/50	p. 88		



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