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Certificate of Compliance

Certificate Number 130704 - E238175
 Report Reference E238175, June 28th, 2004
 Issue Date 2004 July 13

Page 1 of 1



Issued to: **CIERRE SNC**
 VIA UGOLINI 12
 I-20155 MILANO ITALIA

This is to certify that representative samples of **Fabricated Parts covered under traceability program, Assigned Designation A1920.**

Have been investigated by Underwriters Laboratories Inc.® in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: **UL 746D - Polymeric Materials - Fabricated Parts**

Additional Information: Not Applicable

Only those products bearing the UL Recognized Component Mark should be considered as being covered by UL's Recognition and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark, **UL**, may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directories preceding the recognitions or under "Markings" for the individual recognitions.

Look for the UL Recognized Component Mark on the product

Issued by: *Elisa Gavazza / BC*
 Elisa Gavazza - Associate Project Engineer

Reviewed by: *Roberto Zaffaroni / BC*
 Roberto Zaffaroni - Engineering Team Leader

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 ELEKTRONIK INFORMATIONSTECHNIK e.V.

ZERTIFIKAT
 CERTIFICATE

für die überwachte Fertigungsstätte
 for the approved Place of Manufacture

Cierre s.n.c.
 Via Ugolini 12
 20125 MILANO MI
 ITALIEN

Die Überwachung erfolgt nach dem **Harmonisierten Werksinspektions-Verfahren - Anforderungen (CIG 021 bis 024)**. Die Anforderungen wurden erfüllt.

This surveillance is performed according to the **Harmonized Factory Inspection Procedure - Requirements (CIG 021 to 024)**. The requirements have been fulfilled.

Produkt-Kategorie:
 Verbindungsmaterial, Klemme

Product Category:
 Connecting device, terminal

Datum der letzten Inspektion/
 Date of last inspection:

2006-07-20

VDE Prüf- und Zertifizierungsinstitut/VDE Testing and Certification Institute
 Werksinspektion und Konformitätsüberwachung/Factory Inspection and Conformity Control

gez. Thomas Bilz

Offenbach, 2006-07-26

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CERTIFICATE

IQNet and its partner
CISQ/IMQ-CSQ
 hereby certify that the organization

CIERRE SNC

VIA UGOLINI 12 - 20125 MILANO (MI) Italy

for the following field of activities

Design, production coil-formers in thermoplastic material for electrical winding

Refer to quality manual for details of applications to ISO 9001:2000 requirements
 has implemented and maintains a

Quality Management System

which fulfills the requirements of the following standard

ISO 9001:2000

Issued on: 2004 - 05 - 27

Registration Number: **IT - 26172**

Fabio Roversi
 President of IQNet

Gianrenzo Prati
 President of CISQ

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 CERTIFICATE N.

SI CERTIFICA CHE IL SISTEMA QUALITA' DI
 WE HEREBY CERTIFY THAT THE QUALITY SYSTEM OPERATED BY

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UNITA' OPERATIVE
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VIA UGOLINI 12 - 20125 MILANO (MI)

E' CONFORME ALLA NORMA
 IS IN COMPLIANCE WITH THE STANDARD

ISO 9001:2000

PER LE SEGUENTI ATTIVITA'
 FOR THE FOLLOWING ACTIVITIES

Progettazione e produzione di roccetti in materiale termoplastico per avvolgimenti elettrici
 Design, production coil-formers in thermoplastic material for electrical winding

Riferirsi al manuale della qualità per l'applicabilità dei requisiti della norma ISO 9001:2000
 Refer to quality manual for details of applications to ISO 9001:2000 requirements

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 PER LA CERTIFICAZIONE DEI SISTEMI QUALITA' E DI GESTIONE DELLE AZIENDE
 THE USE AND THE VALIDITY OF THE CERTIFICATE SHALL SATISFY THE REQUIREMENTS
 OF THE RULES FOR THE CERTIFICATION OF COMPANY QUALITY AND MANAGEMENT SYSTEMS

PRIMA EMISSIONE
 FIRST ISSUE
 2002-05-15

EMISSIONE CORRENTE
 CURRENT ISSUE
 2004-05-27

F. Prati

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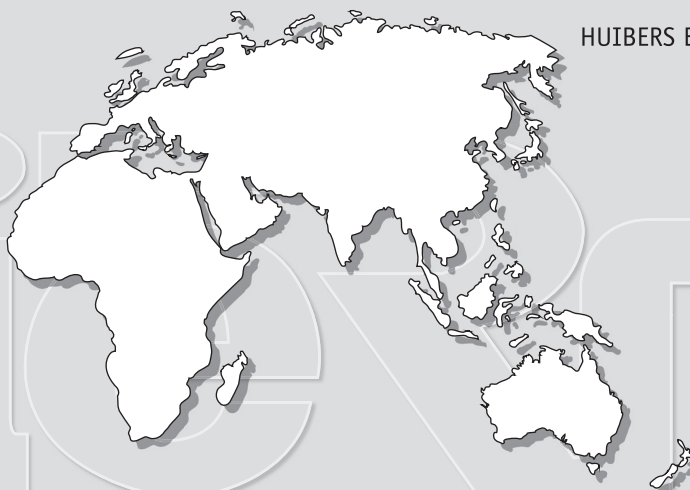
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- 1- La merce viene venduta f.co ns. stabilimento (salvo patto contrario).
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2007 - RIPRODUZIONE VIETATA ANCHE SE PARZIALE DI TESTO, SIMBOLI E DISEGNI. TUTTI I DIRITTI SONO STRETTAMENTE RISERVATI, LA RIPRODUZIONE O LA COMUNICAZIONE A TERZI E' VIETATA IN QUALUNQUE FORMA.
prossimo catalogo: 2009 18a edizione

GENERAL SALES CONDITIONS

- 1- The merchandise is sold ex-factory (except from different conditions).
- 2- Prices are the same for the warehouse of Florence, Turin, Padova, with no additional transport charges.
- 3- Payments must be made only to our head office in Milan.
- 4- The receiver is in charge of any transportation risks, even if the merchandise is sold carriage paid.
- 5- The delivery of thermoplastic products varies from 3 to 6 days.
- 6- The delivery of card board products or in glass-fiber reinforced plastic varies from 6 to 15 days
- 7- The moulds production takes about 40/65 days.
- 8- Any legal disputes will be settled at the Milan law courts "Foro di Milano"
- 9- **Returns can be accepted only if sent by mail or by our forwarder.**
- 10- All complaints can be done within 15 days after the receiving of the goods.
- 11- Measures written on this catalogue aren't taxative and can be changed without any notice.

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We warrant our supplies against any manufacturing defects. Our responsibility is only limited to the free replacement of faulty supplies without any kind of indemnity. So the user must make controls before manufacturing in series.

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Next catalogue : 2009

REF. CIERRE						NORME STANDARDS PRÜFVOSCHRIFT NORMES	CARATTERISTICHE TECNICHE	NORME STANDARDS PRÜFVOSCHRIFT NORMES	RP3 Poliammide 6+30% FIBRA VETRO	RP4 Poliammide 6,6+30% FIBRA VETRO	RP5 Poliammide 6,6+25% FIBRA VETRO	RP6 Poliammide 6+50% FIBRA VETRO+SIV	RP7 Pet+ 30% FIBRA VETRO	RP9 Poliammide 6 SENZA CARICA			
CARATTERISTICHE TECNICHE		NORME STANDARDS PRÜFVOSCHRIFT NORMES		NORME STANDARDS PRÜFVOSCHRIFT NORMES													
MECCANICHE: Carico di rottura Ultimate tensile strength Reißfestigkeit Tension de rupture		N/mm ²		ASTM D638 ISO/VDE D/527 DIN 53455		100		140		150		120		165		61	
ELETTRICHE: Rigidità dielettrica Dielectric strength Durchschlagfestigkeit Rigidité diélectrique		kW/mm		ASTM D149		40		45		20		40		29		21	
Costante dielettrica Dielectric constant Dielektrizitätszahl Constante diélectrique		50 Hz		ASTM D150 ISO/VDE 0303/4 DIN 53873		12,6		9,6		9,7		12,6		3,7 (100 Hz)		12,1	
Resist. a correnti striscianti proc. KC (sol. di prova F) Resistance to tracking Kriechstromfestigkeit Résistance au courant de cheminement		V		ASTM D150 ISO/VDE 0303/1 DIN 53480		KC 475		KC 550		KC 350		KC 550		KC 225		KC 175	
Assorbimento d'acqua a 23°C in acqua per 24h Water absorption at 23°C in water for 24h Wasseraufnahme bei 23°C 24 SDtunden in wasser Absorption d'eau à 23°C en eau pedant 24h		%		ASTM D570 ISO/VDE DIN		0,90		0,80		0,70		0,75		0,40		1,60	
TERMICHE: Temperatura di impiego continuo senza sollecitazione Continuous service temperature with no stress Andauernde Anwendungstemperatur ohne Belastung Température d'emploi en continu sans contrainte		20000 h		IEC 85 ASTM ISO/VDE UL 1446		155°		130°		130°		155°		180°		105°	
Temperature limite di impiego per brevi durate Maximum service temperature (short term) Temperaturgrenze bei kurzen Einsatzzeiten Température maximale pour un emploi de courte durée		3000 h		IEC 216 ASTM ISO/VDE DIN		160°		155°		160°		180°		200°		125°	
Infiammabilità Flammability Brandverhiten Inflammabilité		SEC.ASTM		ASTM D635 ISO/VDE DIN		BRUCIA		BRUCIA		AUTO ESTINGUENTE		BRUCIA		AUTO ESTINGUENTE		AUTO ESTINGUENTE	
		SEC.U.I.		ASTM ISO/VDE		HB		HB		VO		HB		VO		V2/VO	

CLASS A: 105°C

CLASS F: 155°C

CLASS N: 200°C

CLASS S: 240°C

CLASS B: 130°C

CLASS H: 180°C

CLASS R: 220°C



6 CARTA GIALLA MATERIALI DA STAMPAGGIO

CLASSE DI APPROVAZIONE
APPROVAL CLASS

NOME FABBRICANTE
NAME OF THE MANUFACTURER

DESCRIZIONE DEL
PRODOTTO- COLORE
MATERIAL DESIGNATION
COLOURS

DATA DI PUBBLICAZIONE DELLA CARTA
DATE OF PUBLICATION OF THE PAPER

NUMERO (FILE) DELLA CARTA
NUMBER OF FILE

QMFZ2 Component - Plastics		January 17, 1992					E140692 (M) (A card)				
Mtl Dsg	Col	Min Thk mm	UL94 Flame Class	Elec	RTI with Imp	Mech w/o Imp	H W I	H A I	D V T R	4 9 5	C T I
Acrylonitrile-butadiene-styrene (ABS), furnished in pellet form.											
VAMPSAB	All	0.79	94V-0	60	60	60	--	--	--	--	--
0023 VO											
Polyamide (PA66), furnished in pellet form.											
VAMPAMID	All	0.79	94V-0	65	65	65	--	--	--	--	--
66 2526 VO											
VAMPAMID	RD,	1.60	94V-0	65	65	65	--	--	--	--	--
66 3530 VO P											
VAMPAMID	BK	1.60	94V-0	65	65	65	--	--	--	--	--
66 2530 VO P											
VAMPAMID	RD,	1.60	94V-0	65	65	65	--	--	--	--	--
66 2530 VO P											
VAMPAMID	BK	1.60	94V-0	65	65	65	--	--	--	--	--
Polypropylene (PP), furnished in pellet form.											
VAMPLEN	ALL	1.60	94V-0	65	65	65	--	--	--	--	--
M 2025 O VO											
Reports: January 9, 1992: January 9, 1992: January 9, 1992: January 9, 1992: January 9, 1992.											
Replaces E140692A dated January 2, 1992.											
(Cont. on B card)											
723262001 H7047		Underwriters Laboratories Inc.					D11:0204:704				

SPESSORE MINIMO DEL CAMPIONE ESAMINATO
MINIMAL WALL THICKNESS

UL 94 CLASSIFICAZIONE RESISTENZA ALLA FIAMMA
UL - FLAMMABILITY

RTI INDICE DI TEMPERATURA RELATIVA
RTI RELATIVE TEMPERATURE

RTI - ELETTRICO
RTI - ELECTRICAL

RTI - MECCANICO CON URTO
TRI - MECHANICAL WITH IMPACT

RTI - MECCANICO SENZA URTO
RTI - MECHANICAL WITHOUT IMPACT

CTI - COMPARATIVE TRACKING INDEX
CTI - INDICE DI TRACKING COMPARATIVO

D495 - ARC RESISTANCE
D495 - RESISTENZA DELL'ARCO

HVTR - HIGH VOLTAGE ARC TRACKING RATE
HVTR - VELOCITÀ DI TRACKING CON ARCO AD ALTA TENSIONE

HAI - HIGH AMPERE ARC IGNITION
HAI - ACCENSIONE CON ARCO AD ALTO AMPERAGGIO

HWI - HOT WIRE IGNITION
HWI - ACCENSIONE A FILO CALDO

UL 94 CLASSIFICAZIONE RESISTENZA ALLA FIAMMA: IN QUESTA COLONNA VIENE INDICATO IL GRADO DI RESISTENZA ALLA FIAMMA. I GRADI DI VALUTAZIONE SONO HB, (BRUCIA) V2, V1, VO CON COMPORTAMENTO ANTIFIAMMA CRESCENTE. NEL CASO VO, LA PROVA PRESCRIVE CHE DOPO L'ALLONTANAMENTO DELLA FIAMMA, IL CAMPIONE SI SPENGA ENTRO UN TEMPO DI 5 SECONDI. NEL CONFRONTARE DIVERSI TIPI DI MATERIALI, A PARITÀ DI CLASSE DI AUTOESTINGUENZA, VA TENUTO PRESENTE LO SPESSORE DI OMOLOGAZIONE DEL CAMPIONE.

RTI INDICE DI TEMPERATURA RELATIVA: BISOGNA FARE ATTENZIONE A NON CONFONDERE L'INDICE DI TEMPERATURA RELATIVA CON LE CLASSI TERMICHE (IEC85 - U.L.1446) DELLE QUALI FORNIAMO, NELLA PAGINA 5 TUTTI I CRITERI DI SPECIFICA.

HWI-HOT WIRE IGNITION: (U.L.746A42) VIENE INDICATO IL TEMPO CHE PASSA FINO ALL'ACCENSIONE DEL CAMPIONE, NEL CASO UN ELEMENTO CONDUTTORE CHE SUBISCA UN CARICO ECCESSIVO E SI TROVI A CONTATTO CON IL CAMPIONE STESSO.

HAI-HIGH AMPERE ARC IGNITION: (U.L.746A43) LE CIFRE INDICANO IL NUMERO DI ACCENSIONI DI ARCHI VOLTAICI NECESSARI A PRODURRE UN' ACCENSIONE DEL CAMPIONE. IL CRITERIO DI ESITO NEGATIVO È L'ACCENSIONE DEL CAMPIONE POSTO VICINISSIMO ALL'ARCO.

HVTR - HIGH VOLTAGE ARC TRACKING RATE: (U.L. 746 A44) IL NUMERO RIPRODOTTO SULLA SCHEDA INDICA IN mm/min LA LUNGHEZZA DEL TRATTO CONDUTTIVO CHE SI FORMA SULLA SUPERFICIE DEL CAMPIONE DA PARTE DI UN ARCO VOLTAICO AD ALTA TENSIONE.

D495 - ARC RESISTANCE: (ASTM D495) IL TEMPO INDICATO IN SECONDI, È QUELLO CHE TRASCORRE FINO A QUANDO UN'ARCO ELETTRICO SI SPENGE TRA LE PINZE DELL'APPARECCHIO DI PROVA, PER AZIONE DI UNA TRACCIATA DISPERSIONE A BASSA RESISTENZA, SULLA SUPERFICIE DEL CAMPIONE. I MATERIALI SONO CLASSIFICATI IN CATEGORIE.

CTI - COMPARATIVE TRACKING INDEX
È ESPRESSO COME LA TENSIONE CHE CAUSA IL TRACKING A SEGUITO DELLA CADUTA SUL MATERIALE DI 50 GOCCE DI SOLUZIONE AL 0,1% DI CLORURO D'AMMONIO. I RISULTATI DELLE PROVE SUGLI SPESSORI NOMINALI DA 3 mm SONO CONSIDERATI RAPPRESENTATIVI PER TUTTI GLI SPESSORI.

RP3

DSM Engineering Plastics B.V.



AKULON PA 6 GR UL-FILE : E47960 17 february 1999

Grade	Col	Min Thick mm	UL94	RTI °C	EL	WI	WOI	H W I	H A V	H D T	D C
K224-HG6	All	0.7	94HB	140	120	140	-	0	-	-	-
K224-HG6	All	0.7	94HB	140	125	150	4	0	1	-	-
K224-HG6	All	0.7	94HB	140	130	150	4	0	0	5	0

RP4

LiQ for Plastics Yellow Card



QMFZ2 Component - Plastics

Friday, October 24, 2003

E170540

AQUAFIL TECHNOPLYMERS SPA VIA LINFANO 9 ARCO TN 38062 IT

Material Designation: Aquamid 66G(a)H

Product Description: Polyamide 66 (PA66), furnished as pellets.

Color	Min. Thick. (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str	IEC	GWIT	IEC GWFI
ALL	0.75	-	4	0	110	90	115	-	-	-
	1.5	HB	4	0	110	100	120	-	-	-
	3.0	HB	3	0	110	100	125	-	-	-

CTI: 0 IEC CTI: - HVTR: 1 D495: 6 IEC Ball Pressure (°C): -
 Dielectric Strength (kV/mm): 23 Volume Resistivity (10¹⁵ohm-cm): 15 Dimensional Stability(%): 0
 ISO Tensile Strength (MPa): - ISO Flexural Strength (MPa): - ISO Heat Deflection (°C): -
 ISO Tensile Impact (kJ/m²): - ISO Izod Impact (kJ/m²): - ISO Charpy Impact (kJ/m²): -
 (a) Indicates one or two digit number from 6 to 34 denoting glass content
 Report Date: 6/19/2002 Underwriters Laboratories Inc®

RP5

Status of U.L. approvals, Product Certified for Canada included



LATI S.p.A - updated 2 November 2006



file LATI : E54080 - QMFZ2, QMFZ8

R.T.I.

Product	CUR	Material	Colors	Elec			Mech			H	D
				Min Thk mm	UL94 Flame Class	With Imp	w/o Imp	H W I	H A V		
		Latamid 66 H2 G/25 -VOKB1	ALL	0,75	V-0	130	115	140	3	0	
				1,50	V-0	130	115	140	1	0	
				3,00	V-0	130	115	140	0	0	1 6 1

QMFZ2 Component - Plastics

LATI INDUSTRIA TERMOPLASTICI SPA VIA BARACCA 7 21040 VEDANO OLONA VARESE ITALY

Material Designation: LATAMID 6 H2 G/50 (q) (r)

Product Description: Polyamide 6 (PA6), furnished as pellets.

UL-FILE: E54080

Color	Min. Thick. (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str	IEC	GWIT	IEC GWFI
ALL	0.75	HB	4	0	125	120	150	-	-	-
	1.5	HB	4	0	125	120	150	-	-	-
	3.0	HB	4	0	125	125	155	-	-	-

CTI: 0 IEC CTI: - HVTR:0 D 495:5 IEC Ball Pressure (°C):-

RP6

DSM Engineering Plastics B.V.



ARNITE PET GR UL - FILE: E47960 14 september 1998

Grade	Col	Min Thick mm	UL94	RTI °C	EL	WI	WOI	H W I	H A V	H D T	D C
AV2360 S	All	0.71	94V-2	150	125	140	3	0	4	-	-
AV2380 SX	All	1.5	94V-0	150	130	140	0	3	4	-	-
	All	3.0	94V-0	150	130	140	0	3	4	6	-

RP7

RP9

Status of U.L. approvals, Product Certified for Canada included



LATI S.p.A - updated 2 November 2006



file LATI : E54080 - QMFZ2, QMFZ8

R.T.I.

Product	CUR	Material	Colors	Elec			Mech			H	D
				Min Thk mm	UL94 Flame Class	With Imp	w/o Imp	H W I	H A V		
		Latamid 6 BH	ALL	0,75	V-2	140	90	115	4	0	
				1,50	V-2	140	95	115	4	0	
				3,00	V-2	140	95	115	3	0	0 5 0

ETICHETTE IDENTIFICAZIONE PRODOTTO

PRODUKTIDENTIFIZIERUNGSE TIKETTEN LABELS IDENTIFICATION PRODUCT

CieRre		Sede e stabilimento 20125 MILANO (Italy) Via Ugolini,12 Tel. 02.6420989/6470533		IDENTIFICAZIONE PRODOTTO	
CLIENTE			DENOMINAZIONE		
CODICE				ESP.MOD.	
RR.MATERIALE	N°IMB	MATERIALE RP3	COLORE	N° PEZZI	
N° ORD. PROD.			COD. FORN.		
DATA PRODUZIONE		OPERATORE	VISTO C.Q.	VISTO VQU	

CieRre		Sede e stabilimento 20125 MILANO (Italy) Via Ugolini,12 Tel. 02.6420989/6470533		IDENTIFICAZIONE PRODOTTO	
CLIENTE			DENOMINAZIONE		
CODICE				ESP.MOD.	
RR.MATERIALE	N°IMB	MATERIALE RP5	COLORE	N° PEZZI	
N° ORD. PROD.			COD. FORN.		
DATA PRODUZIONE		OPERATORE	VISTO C.Q.	VISTO VQU	

CieRre		Sede e stabilimento 20125 MILANO (Italy) Via Ugolini,12 Tel. 02.6420989/6470533		IDENTIFICAZIONE PRODOTTO	
CLIENTE			DENOMINAZIONE		
CODICE				ESP.MOD.	
RR.MATERIALE	N°IMB	MATERIALE RP4	COLORE	N° PEZZI	
N° ORD. PROD.			COD. FORN.		
DATA PRODUZIONE		OPERATORE	VISTO C.Q.	VISTO VQU	

CieRre		Sede e stabilimento 20125 MILANO (Italy) Via Ugolini,12 Tel. 02.6420989/6470533		IDENTIFICAZIONE PRODOTTO	
CLIENTE			DENOMINAZIONE		
CODICE				ESP.MOD.	
RR.MATERIALE	N°IMB	MATERIALE RP6	COLORE	N° PEZZI	
N° ORD. PROD.			COD. FORN.		
DATA PRODUZIONE		OPERATORE	VISTO C.Q.	VISTO VQU	

CieRre		Sede e stabilimento 20125 MILANO (Italy) Via Ugolini,12 Tel. 02.6420989/6470533		IDENTIFICAZIONE PRODOTTO	
CLIENTE			DENOMINAZIONE		
CODICE				ESP.MOD.	
RR.MATERIALE	N°IMB	MATERIALE RP7	COLORE	N° PEZZI	
N° ORD. PROD.			COD. FORN.		
DATA PRODUZIONE		OPERATORE	VISTO C.Q.	VISTO VQU	

LE ETICHETTE VENGONO STAMPATE IN DIVERSI COLORI IN BASE AL TIPO DI MATERIALE UTILIZZATO E PERMETTONO UNA MIGLIORE IDENTIFICAZIONE E RITRACCIABILITÀ DEL PRODOTTO.

DIFFERENT COLOURS FOR EVERY MATERIAL-TYPE

Operiamo nel settore degli isolanti elettrici con 45 anni di esperienza che permette di soddisfare le più severe esigenze della clientela ed alle migliori condizioni. Un apposito ufficio tecnico è a disposizione per collaborare, consigliare e risolvere problemi di particolare natura tecnica richiesti dal Cliente. Un'attrezzatissima officina dotata di macchine modernissime e uno staff di tecnici altamente specializzati permettono la costruzione di stampi di particolare concezione e difficoltà. Il catalogo esce ogni 2 anni ma escono notizie tecniche di aggiornamento ogni 2 mesi.

La CieRe est active dans le secteur des supports isolants pour enrroulements électriques: les 45 années d'expérience nous permettons de satisfaire les exigences les plus sévères de la clientèle, aux meilleures conditions possibles. Un bureau technique adéquat est disponible à collaborer, conseiller et résoudre les problèmes de nature technique particulière qui se posent au Client. Un des ateliers les plus fournis équipé de machines les plus modernes ainsi que un staff de techniciens hautement spécialisés permettent la construction des moules réalisés d'une façon compliquée ou de fabrication delicate. Le catalogue est imprimé tous les deux ans, mais des mises à jour techniques sont fait tous les deux mois.

CIERRE operates in the field of insulating supports for electrical windings. With 45 years of experience in this field we can satisfy the most of demanding customers' requirements at the best conditions. An adequate technical office is always on hand for customers satisfaction. It cooperates, advises and solves any particular problem of technical nature. A very well equipped workshop with modern machine sand highly skilled craftsmen ensures the best construction on any particular or difficult moulds. The catalogue is printed every two years but technical updates are made every two months.

Wir sind tätig im Sektor der elektrischen Isolierstoffe mit 45 Jahren Erfahrung, die uns erlaubt, die strengsten Bedürfnisse unserer Kundschaft sogar auf den besten Bedingungen zu befriedigen. Eine dafür bestimmte technische Abteilung steht zur Verfügung um mitzuarbeiten, zu raten und die Probleme einer besonders technischen Natur auf Verlangen unserer Kunden zu lösen. Eine sehr ausgestattete Werkstätte mit sehr modernen Maschinen zusammen mit einem Team von hoch spezialisierten Technikern erlauben die Herstellung von Pressformen von besonderen Entwerfens und Schwierigkeit. Der Katalog wird alle zwei Jahre gedruckt, aber technische Aktualisierungsnachrichten kommen alle zwei Monate heraus.

Operamos en al sector de los aisladores eléctricos con 45 años de experiencia. Esta nos permite satisfacer las más severas exigencias del mercado y an las mejores condiciones. Un adecuado departamento técnico esta a su disposición para la colaboración y desarrollo técnico solicitado por el cliente. Disponemos de un departamento totalmente equiparado, con modernísima maquinaria y personal sumamente cualificado que nos permitirá al particular estudio, diseño y fabricación de moldes de inyección. El catalogo se actualiza cada 2 años, no obstante, cada 2 meses actualizamos las características técnicas.



Stabilimento di Alcamo

TYPE tipo di lamierino o nucleo

REF. le prime quattro cifre indicano colonna e pacco del rocchetto

....LA QUINTA CIFRA:

-A** rocchetto con interassi in 5mm a norme VDE predisposto per inserimento faston in verticale
-D** rocchetto predisposto per inserimento pins \varnothing 0,8 con interasse in 5 mm a norme VDE
-E** rocchetto predisposto per attacchi faston e per terminali c.s. con montaggio verticale
-F** rocchetto con attacchi tipo faston con montaggio in orizzontale a foro passante
-G** rocchetto con asole per uscita fili predisposto per l'applicazione delle protezioni
-K** rocchetto con attacco morsetti incorporato
-L** rocchetto con una flangia liscia senza nervature
-R** rocchetto con interassi in mm norme VDE predisposto per doppia possibilità di inserimento faston in orizzontale o in verticale
-S** rocchetto per c.s. predisposto solo il montaggio orizzontale
-T** rocchetto con attacchi tipo faston con montaggio in orizzontale a foro cieco
-V** rocchetto con asole per uscita fili
- .../1** rocchetto senza flangia intermedia
- .../2** rocchetto con flangia intermedia
- EI** rocchetto monofase
- UI** rocchetto trifase

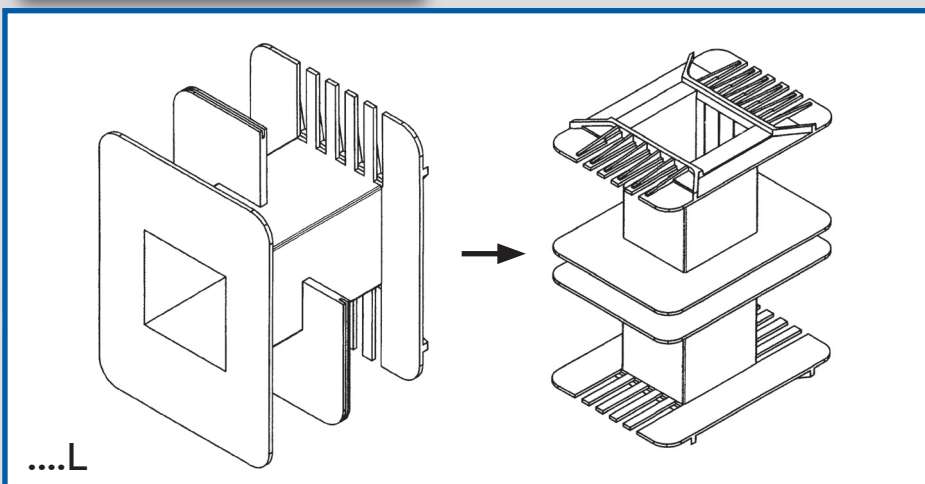
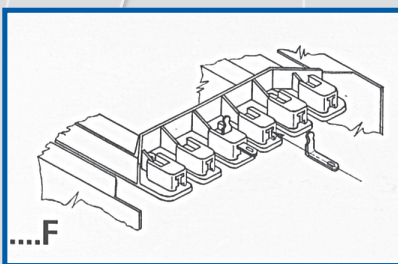
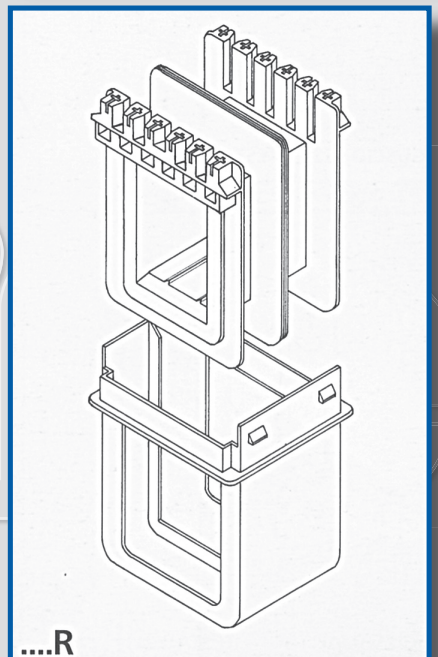
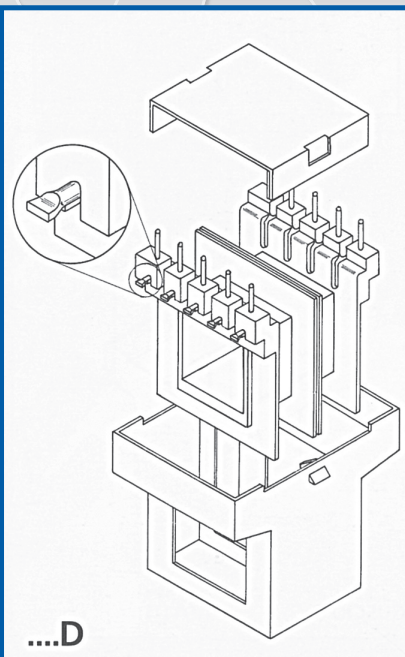
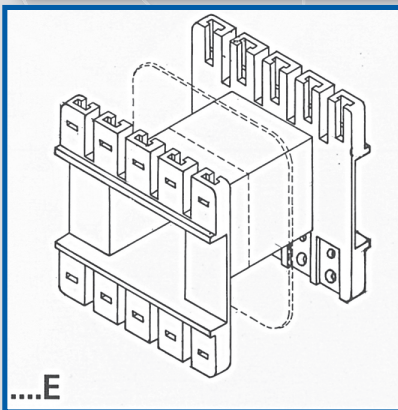
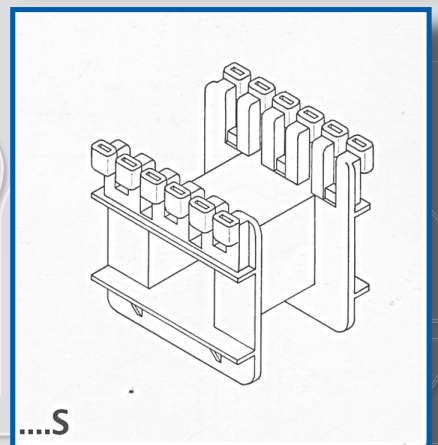
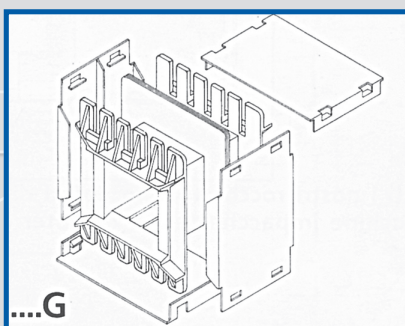
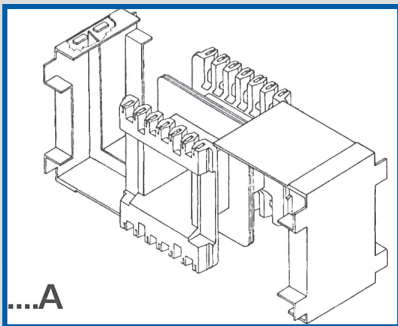
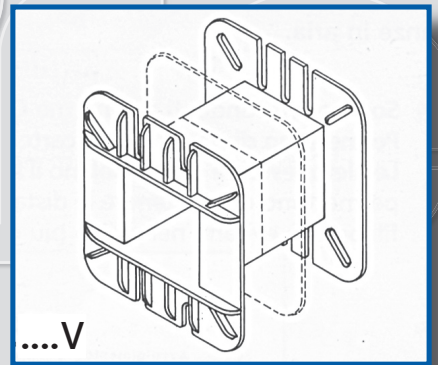
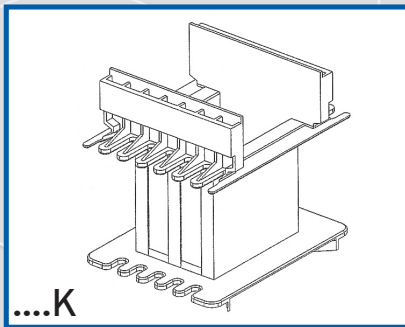
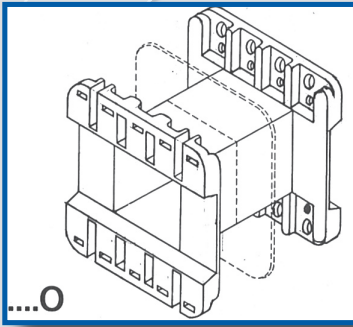
KEY PLAN

TYPE type of lamination or core

REF. the first four digits concern the kind of reel

....THE FIFTH DIGIT:

-A** Coil-former according to VDE stds. , interaxle, in 5 mm vertical faston mounting
-D** Coil-former with pins \varnothing 0.8 with interaxle in 5 mm by VDE standards
-E** Coil-former with the possibility of connections both for "faston" terminals and printed circuit vertical mounting
-F** Coil-former for faston connection horizontal mounting
-G** Coil-former with eyelet to let wires to go out set for protections
-K** Coil-former with receptions for connecting terminals
-L** Coil-former with a flat flange without ribs
-R** Coil-former according to VDE stds. , interaxle in mm both horizontal and vertical "faston" mounting
-S** Coil-former for printed circuit horizontal mounting only
-T** Coil-former for "faston" connections and horizontal mounting
-V** Coil-former with eyelet to let wires to go out
- .../1** Coil-former without intermediate flange
- .../2** Coil-former with intermediate flange
- EI** Single phase Coil-former
- UI** Three phase Coil-former

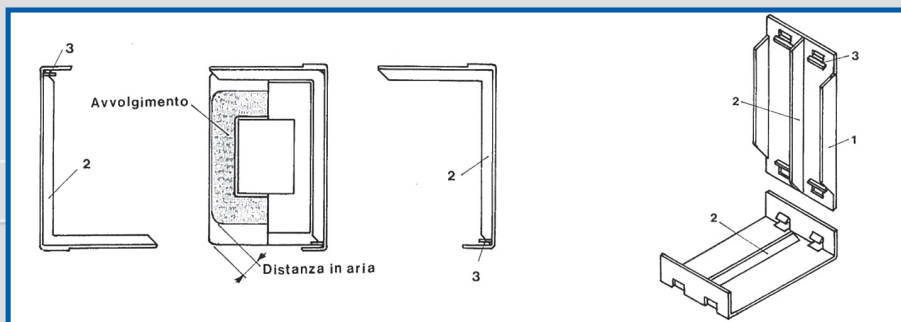


12 GUSCI GUANCIALI TESTATE / SCHALEN KISSEN VERBINDUGSKÖPFE / SIDE INSULATION

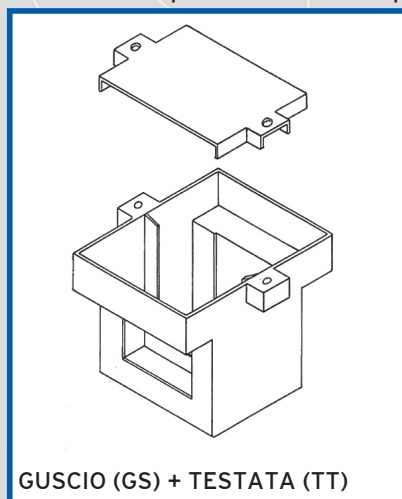
I nostri GUSCI - GUANCIALI - TESTATE permettono di ricoprire completamente il rocchetto mantenendo costanti le distanze in aria.

VANTAGGI

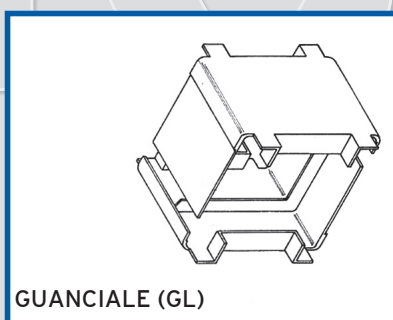
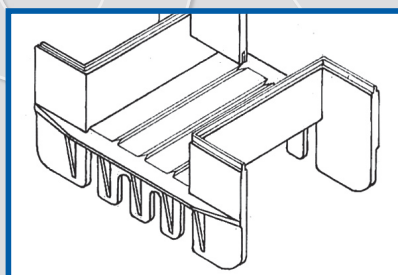
- 1/ Sono corrispondenti alle norme CEI e/o VDE
- 2/ Permettono di non usare le carte isolanti come ultimo strato rendendo gradevole anche l'aspetto estetico
- 3/ Le alette esterne (fig.1) isolano il lamierino dal rame, le alette interne (fig.2) che si incastrano nella flangia intermedia permettono di mantenere le distanze in aria. Le borchie (fig.3) sono indispensabili in caso di rotture o allentamento fili perchè evitano nel punto più critico (l'angolo) la fine delle distanze in aria.



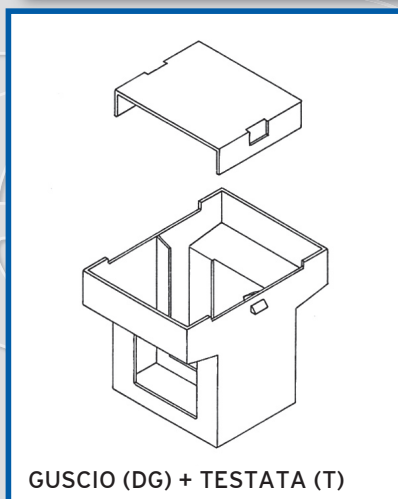
Tutti i nostri rocchetti sono dotati di 2/3 nervature interne nel tubo per permettere a chi usa le tradizionali macchine impacchettatrici di poter infilare fino all'ultimo lamierino senza doverlo fare manualmente.



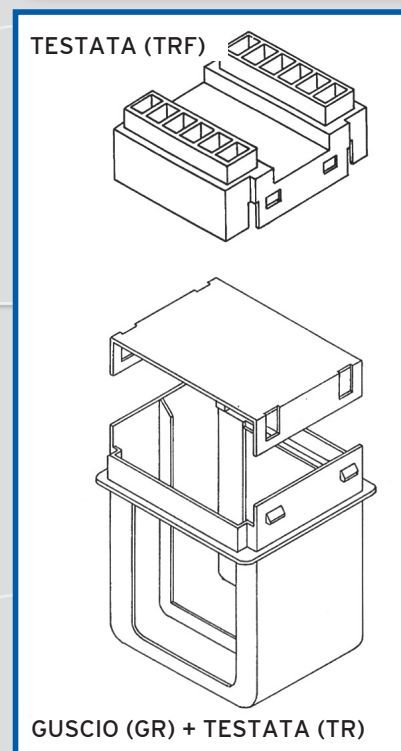
GUSCIO (GS) + TESTATA (TT)



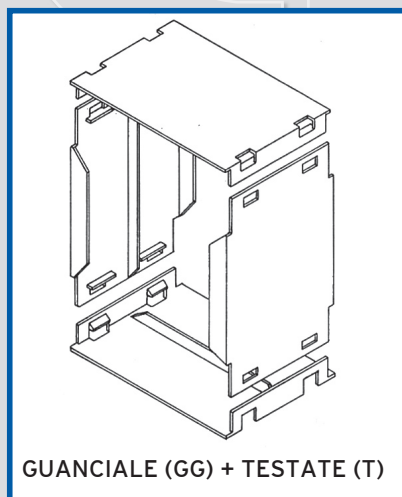
GUANCIALE (GL)



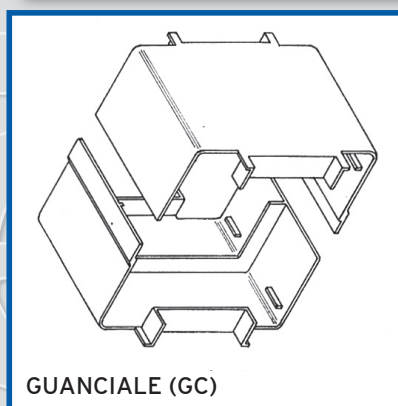
GUSCIO (DG) + TESTATA (T)



GUSCIO (GR) + TESTATA (TR)



GUANCIALE (GG) + TESTATE (T)



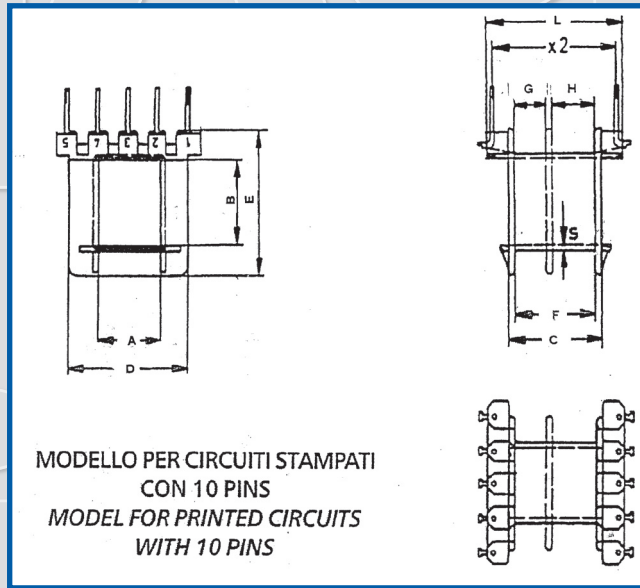
GUANCIALE (GC)

ROCCHETTI MONOFASE "EI"
COIL FORMERS "EI"
CARCASSES "EI"
CARRETES "EI"



CieRe

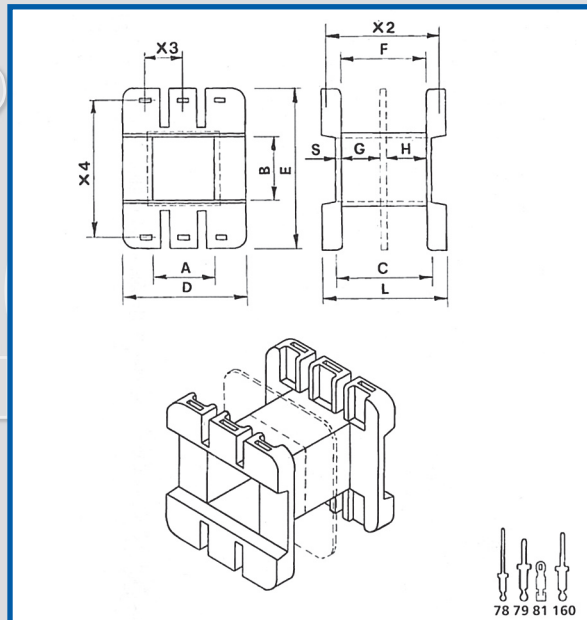
NEW



EI 30

lam. 25x30

TYPE	REF.	A	B	C	D	E	F	G	H	L	S	n.term	x2
EI 30/10,5	1010N/1-2	10,4	10,5	14,6	19,5	19,5	13,2	7,0	5,1	22,0	0,7	2X5	20
EI 30/12,5	1012N/1-2	10,4	12,5	14,6	19,5	24,5	13,2	7,0	5,1	22,0	0,7	2X5	20
EI 30/15,2	1015N/1-2	10,4	15,5	14,6	19,5	24,5	13,2	7,0	5,1	22,0	0,7	2X5	20
EI 30/18	1018N/1-2	10,4	18	14,6	19,5	26,7	13,2	7,0	5,1	22,0	0,7	2X5	20

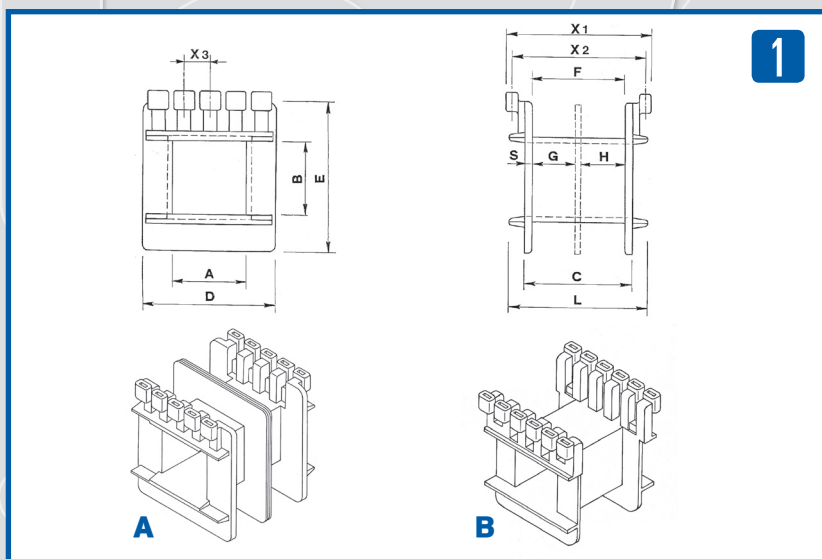


EI 33

lam. 27x33

TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	x4	z1	S	L	numero term.	DISEGNO
EI 33/10	1010E/1-2	10,5	10	17	21,5	26,0	15,0	7,2	6,6			6,4	24,4		1,0	22	2x2 2x2	2
EI 33/15	1015E/1-2	10,5	15	17	21,0	32,0	15,0	7,2	6,6			6,4	28,5		1,0	22	2x2 2x2	2

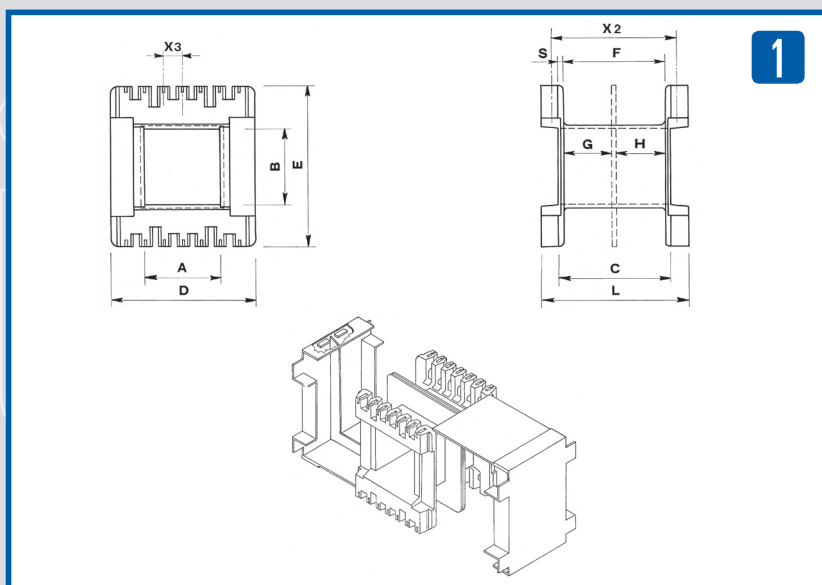
NOTE: /1 - SENZA FLANGIA INTERMEDIA
/2 - CON FLANGIA INTERMEDIA



EI 40

lam. 34x40

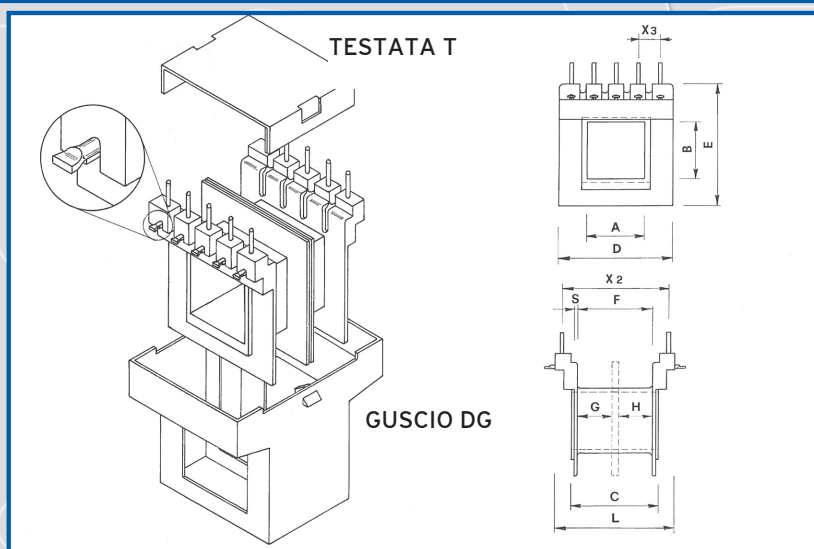
TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	S	L	x4	numero term.
EI 40/13	1313S/1-2	13,5	13	19,4	24,7	28,5	16,6	9,2	6,5	26,5	25	5,0	1,4	26,5		2x5
EI 40/15	1315S/1-2	13,5	20	19,6	24,7	31,1	9,1	6,5	29,7	27,5	5,0	5,0	1,4	29,7		2x6
EI 40/20	1320S/1-2	13,5	20	19,5	24,7	36	16,6	9,1	6,5	29,7	27,5	5,0	1,4	29,7		2x6



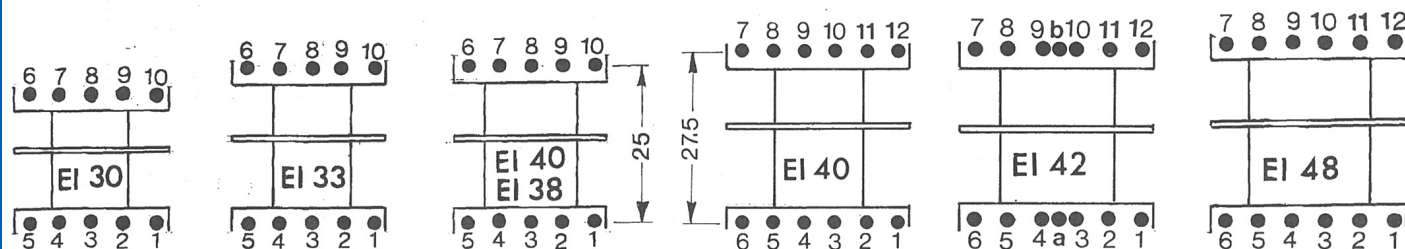
EI 42

lam. 35x42

TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	S	L	GL	x4	numero term.
EI 42/14	1414A/1-2	14,6	14,0	20,6	27,0	36,5	18,6	7,8	7,8	31,2	25,0	5,0	1,0	28,2	■		4x5
EI 42/18	1418A/1-2	14,6	18,0	20,6	27,0	36,5	18,6	7,8	7,8	31,2	25,0	5,0	1,0	28,2	■		4x5

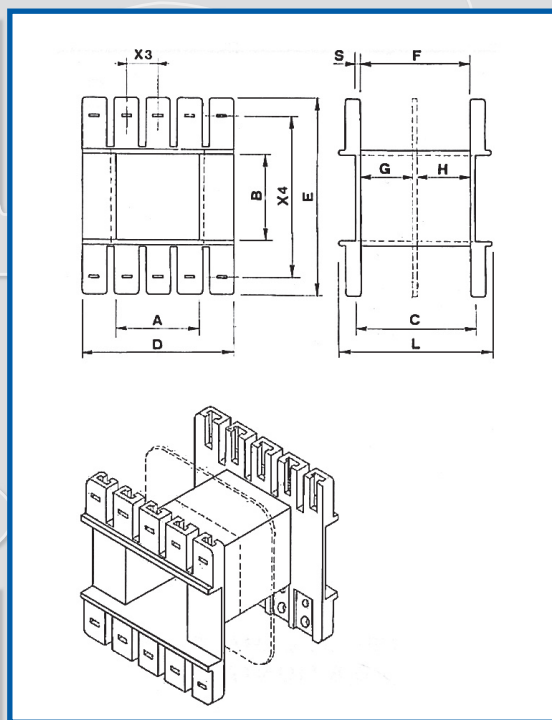


SCHEMA DI MONTAGGIO PINS (DA SPECIFICARE SU ORDINE ACQUISTO)



IL NUMERO "1" DI RIFERIMENTO E' DA INTENDERSI DALLA PARTE DEL PRIMARIO (PIU' LARGA)

TYPE	REF.	a	b	c	d	e	f	g	h	x2	x3	numero term.	DG	T
EI 30/10,5	1010D30/1-2	10,6	10,6	14,6	19,4	19,8	13,0	7,1	5,1	20,0	5	5	■	■
EI 30/12,5	1012D/1-2	10,6	12,6	14,6	19,4	21,8	13,0	7,1	5,1	20,0	5	5	■	■
EI 30/15	1015D30/1-2	10,6	15,6	14,6	19,4	24,8	13,0	7,1	5,1	20,0	5	5	■	■
EI 30/18	1018D30/1-2	10,6	18,1	14,6	19,4	27,4	13,0	7,1	5,1	20,0	5	5	■	■
EI 30/23	1023D/1-2	10,6	23,1	14,6	19,4	32,4	13,0	7,1	5,1	20,0	5	5	■	■
EI 33/10,5	1010D33/1-2	10,6	10,6	16,8	21,5	25,0	14,8	5,6	7,7	20,0	5	5	■	■
EI 33/13	1013D/1-2	10,6	13,1	16,8	21,5	28,0	14,8	5,6	7,7	20,0	5	5	■	■
EI 33/15	1015D33/1-2	10,6	15,6	16,8	21,5	30,0	14,8	5,6	7,7	20,0	5	5	■	■
EI 33/18	1018D33/1-2	10,6	18,1	16,8	21,5	32,5	14,8	5,6	7,7	20,0	5	5	■	■
EI 38/13	1313D/1-2	13,4	13,5	18,7	24,0	25,1	16,4	6,1	8,4	25,0	5	6	■	■
EI 38/15	1315D/1-2	13,4	13,5	18,7	24,0	27,3	16,4	6,1	8,4	25,0	5	6	■	■
EI 40/13	1313D25/1-2	13,4	13,4	19,7	25,4	28,9	17,5	6,6	9,1	25,0	5	5	■	■
EI 40/15	1315D27/1-2	13,4	15,4	19,7	25,4	30,9	17,5	6,6	9,1	27,5	5	6	■	■
EI 40/20	1320D27/1-2	13,4	20,4	19,7	25,4	35,9	17,5	6,6	9,1	27,5	5	6	■	■
EI 42/14	1414D/1-2	14,4	14,8	20,7	26,4	29,3	18,4	7,3	9,2	25,0	5	6	■	■
EI 42/18	1418D/1-2	14,4	18,8	20,7	26,4	29,3	18,4	7,3	9,2	25,0	5	6	■	■
EI 48/16	1616D/1-2	16,5	16,8	23,7	30,4	34,5	21,3	9,2	10,2	27,5	5	6	■	■
EI 48/20	1620D/1-2	16,5	20,5	23,7	30,4	38,2	21,3	9,2	10,2	27,5	5	6	■	■
EI 48/25	1625D/1-2	16,5	25,5	23,7	30,4	43,2	21,3	9,2	10,2	27,5	5	6	■	■



EI 48

lam. 40x48

TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	x4	GC	S	L	numero term.
EI 48/16	1616E/1-2	16,5	16,0	23,6	31,0	38,2	22,0	10,7	10,2			6,2	31,5		0,8	30,3	3x5 3x5
EI 48/20	1620E/1-2	16,5	20,0	23,6	31,0	42,0	22,0	10,7	10,2			6,2	36,5		0,8	30,5	3x5 3x5
EI 48/25	1625E/1-2	16,5	25,0	23,5	31,0	45,0	21,5	10,8	8,5			6,2	40,5		1,1	27,6	2x5 2x5

NOTE: /1 - SENZA FLANGIA INTERMEDIA
/2 - CON FLANGIA INTERMEDIA

CierRe

.....di tutto
.....di più!

AVETE QUALCHE PROGETTO?

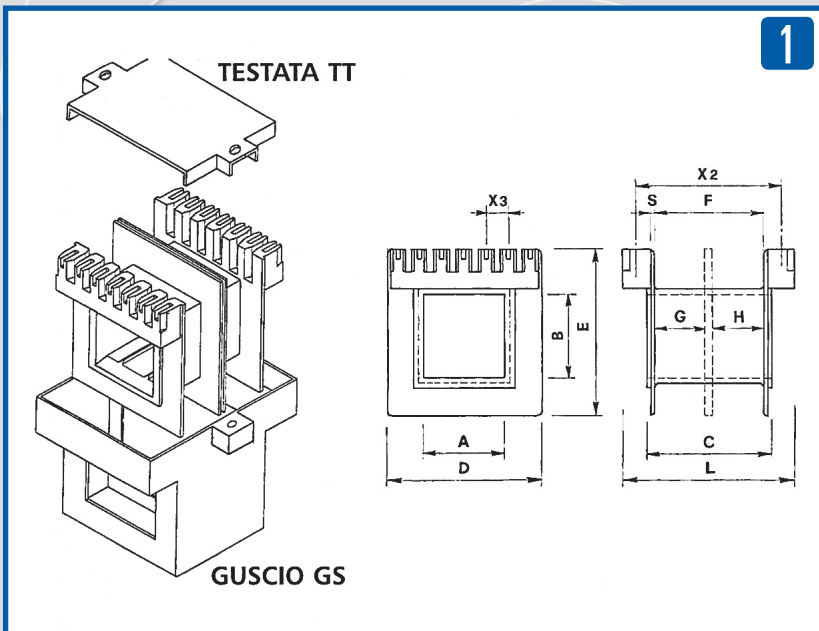
VOLETE UN'OFFERTA?

DOVETE FARE UNA GRANDE PRODUZIONE E

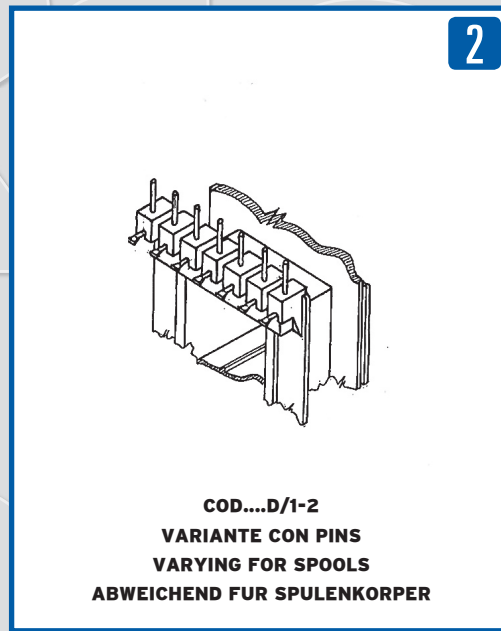
VOLETE AMMORTIZZARE GLI STAMPI?

CONSULTATECI!

CierRe



1



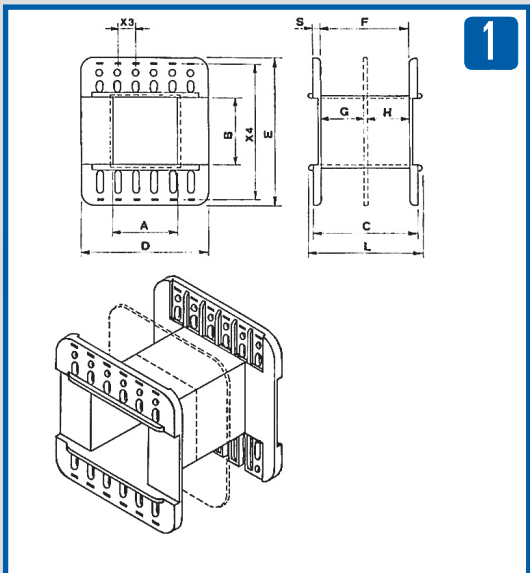
2

COD....D/1-2
VARIANTE CON PINS
VARYING FOR SPOOLS
ABWEICHEND FÜR SPULENKORPER

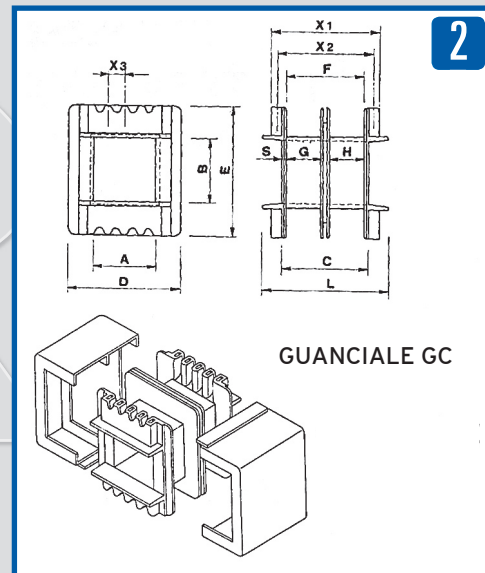
EI 54

lam. 45x54

TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	s	L	GS	TT	numero term.	DISEGNO
EI 54/18	1818A/1-2	18,8	18,0	25,9	33,8	36,5	23,8	10,8	10,8		32,5	5,0	0,7	44,1	■	■	2x7	1
EI 54/18	1818D/1-2	18,8	18,0	25,9	33,8	36,5	23,8	10,8	10,8		32,5	5,0	0,7	44,1	■	■	2x7	2
EI 54/28	1828A/2	18,8	28,0	25,9	33,8	36,5	23,8	10,8	10,8		32,5	5,0	0,7	44,1	■		2x7	1



1



2

GUANCIALE GC

EI 60

lam. 50x60

TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	s	L	GC	x4	numero term.	DISEGNO
EI 60/20	20200/1-2	20,5	20,0	29,0	39,0	45,0	27,0	13,2	12,5			6,7	1	33,0		39,7	2x5	1
EI 60/20	20200/2A	20,5	20,0	29,0	39,0	45,0	27,0	15,0	10,8			6,7	1	33,0		39,7	2x5	1
EI 60/20	2020T/1-2	20,5	20,0	29,0	38,0	41,8	25,8	11,8	11,8		32,5	5,5	1	41,1	■		4x5	2
EI 60/25	20250/1-2	20,5	25,0	29,0	39,0	50,0	27,0	13,6	12,2			6,7	1	33,0		44,5	2x5	1
EI 60/25	2025T/1-2	20,5	25,0	29,0	38,0	45,9	25,8	11,8	11,8		32,5	5,5	1	40,8	■		4x5	2
EI 60/30	20300/1-2	20,5	30,0	29,0	39,0	53,0	27,0	13,2	12,5			6,7	1	37,0		49,5	2x5	1

NOTE: /1 - SENZA FLANGIA INTERMEDIA /2 - CON FLANGIA INTERMEDIA

GUANCIALE GL

COD...D/1-2
VARIANTE CON PINS
VARYING FOR SPOOLS WITH PINS

EI 60

lam. 50x60

TYPE	REF.	a	b	c	d	e	f	g	h	x2	x3	s	L	GL	numero term.
EI 60/20	2020A/1-2	20,8	21,5	29,5	37,7	42,9	27,0	13,0	11,8	32,5	5,0	1,25	38,6	■	4X7
EI 60/25	2025A/1-2	20,8	25,5	29,5	37,7	46,9	27,0	13,0	11,8	32,5	5,0	1,25	38,6	■	4X7
EI 60/30	2030A/1-2	20,8	30,5	29,5	37,7	51,9	25,8	13,0	11,8	32,5	5,0	1,25	38,6	■	4X7
EI 60/35	2035A/1-2	20,8	35,5	29,5	37,7	56,9	27,0	13,0	11,8	32,5	5,0	1,25	38,6	■	4X7
EI 60/40	2040A/1-2	20,8	40,5	29,5	37,7	61,9	25,8	13,0	11,8	32,5	5,0	1,25	38,6	■	4X7
EI 60/45	2045A/1-2	20,8	45,5	29,5	37,7	66,9	27,0	13,0	11,8	32,5	5,0	1,25	38,6	■	3X7

GUANCIALE GL

COD...D/1-2
VARIANTE CON PINS
VARYING FOR SPOOLS WITH PINS

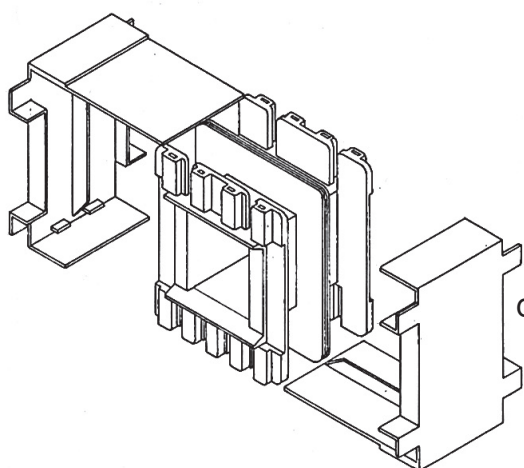
EI 66

lam. 55x66

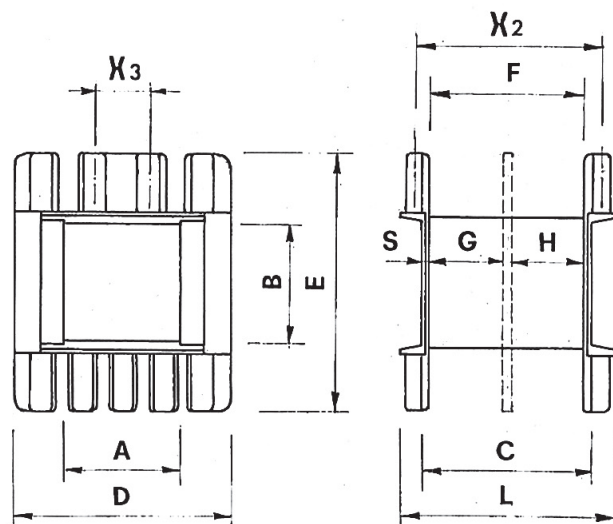
TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	s	L	GL	G	numero term.
EI 66/22	2222A/1-2	22,8	22,5	32,5	41,8	50,2	29,8	13,5	14,5	35,0	5,0				■		4x8
EI 66/25	2225A/1-2	22,8	25,5	32,5	41,8	53,2	29,8	13,5	14,5	35,0	5,0				■		4x8
EI 66/30	2230A/1-2	22,8	30,5	32,5	41,8	58,2	29,8	13,5	14,5	35,0	5,0				■		4x8
EI 66/35	2235A/1-2	22,8	35,5	32,5	41,8	63,2	29,8	13,5	14,5	35,0	5,0				■		4x8
EI 66/40	2240A/1-2	22,8	40,5	32,5	41,8	68,2	29,8	13,5	14,5	35,0	5,0				■		4x8
EI 66/45	2245A/1-2	22,8	45,5	32,5	41,8	73,5	29,8	13,75	14,75	35,0	5,0				■		3x8
EI 66/55	2255A/1-2	22,8	55,5	32,5	41,8	83,5	29,8	13,75	14,75	35,0	5,0				■		

NOTE: /1 - SENZA FLANGIA INTERMEDIA /2 - CON FLANGIA INTERMEDIA





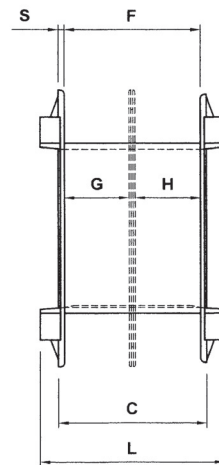
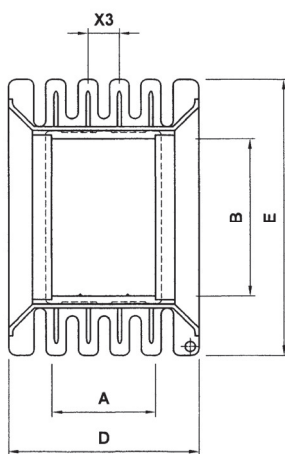
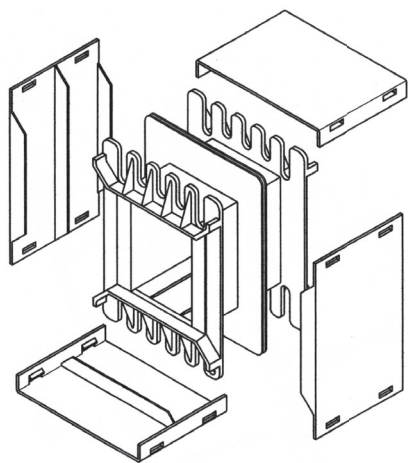
GUANCIALE GL



EI 68

lam. 58x68

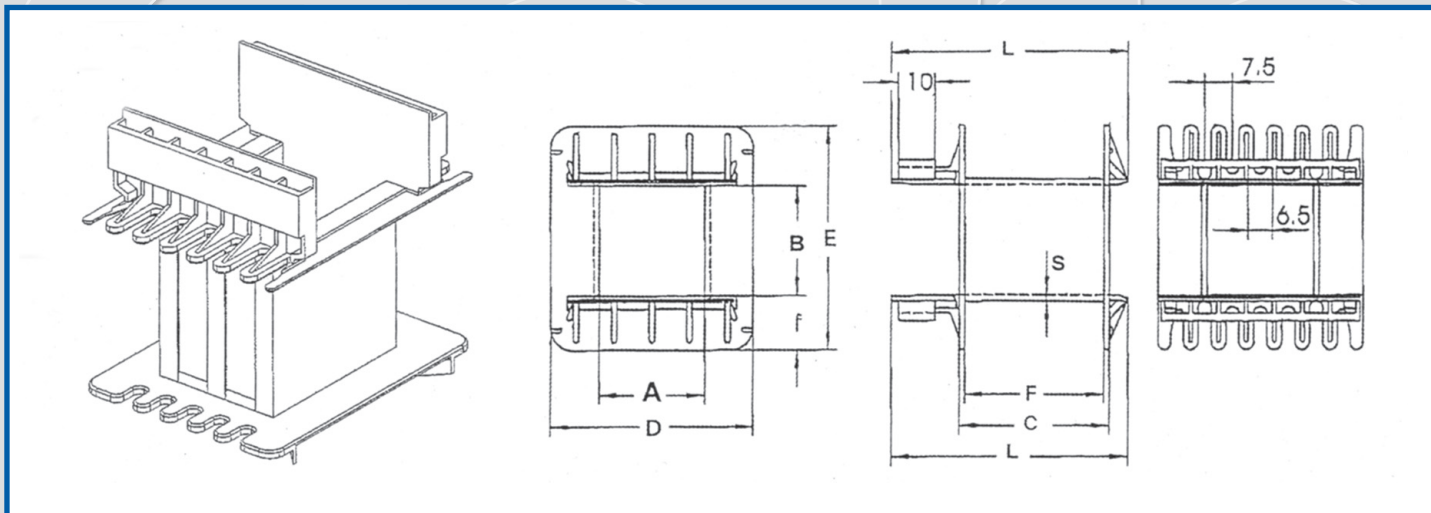
TYPE	REF.	a	b	c	d	e	f	g	h	x2	x3	s	L	GG	GC	GL	numero term.
EI 68/25	2225T/1-2	22,5	25,0	33,6	43,0	53,0	31,5	14,0	14,0	37,0	10,5	1,6	43,5		■		4x4
EI 68/30	2230T/1-2	22,5	30,0	32,7	44,0	56,5	29,5	14,0	14,0	37,0	10,5	1,6	35,5	■		■	4x4
EI 68/35	2235T/1-2	22,5	35,0	33,5	43,0	61,0	30,9	14,5	14,5	37,0	10,5	1,3	41,5	■			4x5



EI 75

lam. 62,5x75

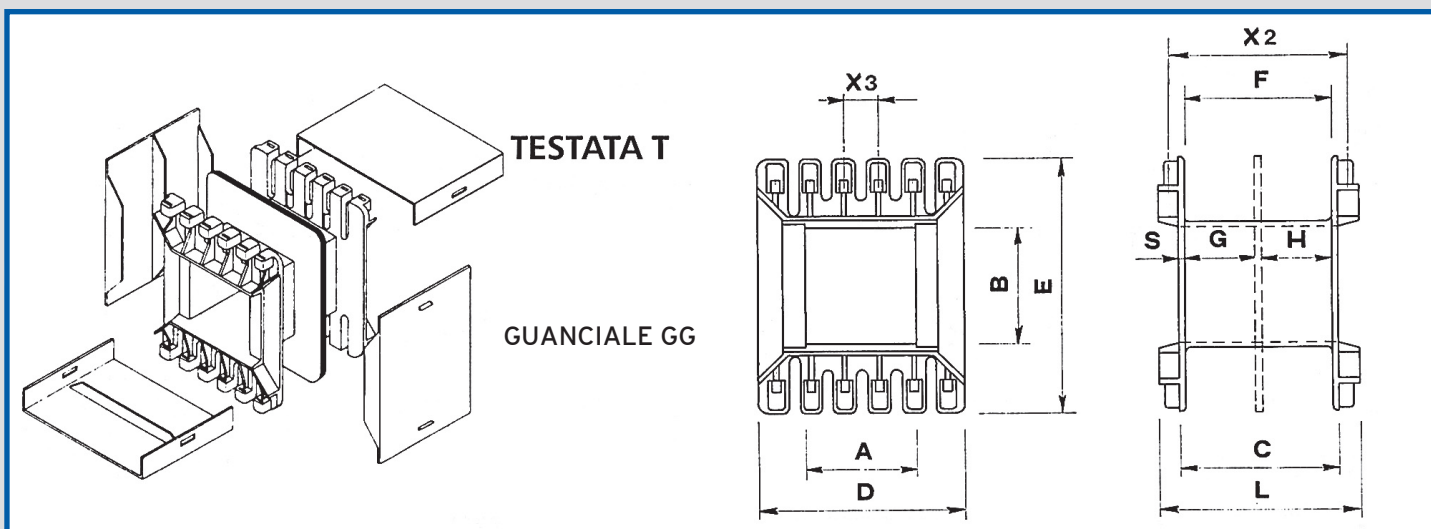
TYPE	REF.	a	b	c	d	e	f	g	h	s	L	GG	T
EI 75/25	2525G/1-2	25,8	25,0	37	47,5	55,0	34,0	18,0	14	1,6	46,2	■	■
EI 75/30	2530G/1-2	25,8	30,0	37	47,5	60,0	34,0	18,0	14	1,6	46,2	■	■
EI 75/35	2535G/1-2	25,8	35,0	37	47,5	65,0	34,0	18,0	14	1,6	46,2	■	■
EI 75/40	2540G/1-2	25,8	40,0	37	47,5	70,0	34,0	18,0	14	1,6	46,2	■	■



EI 75

lam. 62,5x75

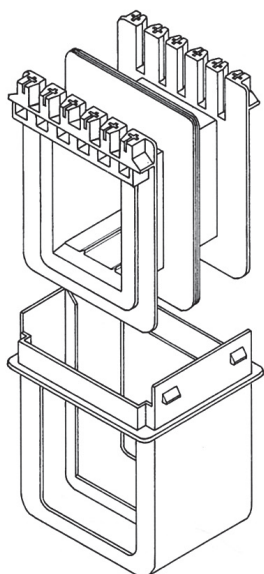
TYPE	REF.	a	b	c	d	e	f	g	h	x2	x3	GG	T	S	L	numero term.
EI 75/21,5	2521K/1	25,7	21,7	34,5	49,2	49,5	34,0					■	■	1,5	57,2	2x6
EI 75/26,5	2526K/1	25,7	26,7	34,5	49,2	54,5	34,0					■	■	1,5	57,2	2x6
EI 75/32,7	2532K/1	25,7	32,9	34,5	49,2	60,7	34,0					■	■	1,5	57,2	2x6
EI 75/41,5	2541K/1	25,7	41,7	34,5	49,2	69,5	34,0					■	■	1,5	57,2	2x6



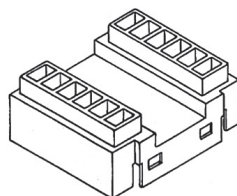
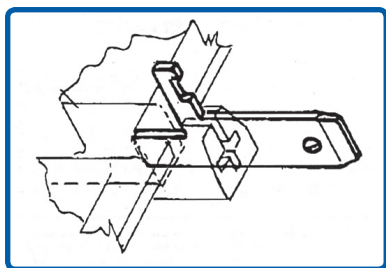
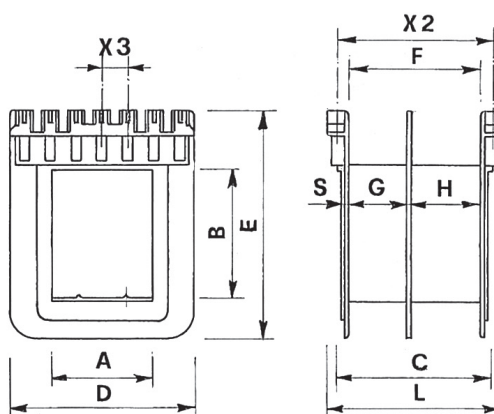
EI 75

lam. 62,5x75

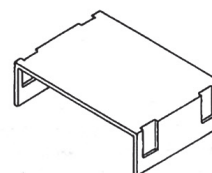
TYPE	REF.	a	b	c	d	e	f	g	h	x2	x3	GG	T	S	L	numero term.
EI 75/20	2520F/1-2	25,8	20,8	37	47,5	50,7	34,0	14,0	18,0	42,5	7,65	■	■	1,5	46,2	4x6
EI 75/25	2525F/1-2	25,8	25,8	37	47,5	55,7	34,0	14,0	18,0	42,5	7,95	■	■	1,5	46,2	4x6
EI 75/30	2530F/1-2	25,8	30,8	37	47,5	60,7	34,0	14,0	18,0	42,5	7,95	■	■	1,5	46,2	4x6
EI 75/35	2535F/1-2	25,8	35,8	37	47,5	65,7	34,0	14,0	18,0	42,5	7,95	■	■	1,5	46,2	4x6
EI 75/40	2540F/1-2	25,8	40,8	37	47,5	70,7	34,0	14,0	18,0	42,5	7,95	■	■	1,5	46,2	4x6



GUSCIO GR



TESTATA TRF



TESTATA TR

EI 75

lam. 62,5x75

TYPE	REF.	a	b	c	d	e	f	g	h	x2	x3	numero term.	GR	TR	TRF
EI 75/25	2525R/1-2	25,8	25,6	37,1	48,2	52,0	34,4	18,5	14,0	39,0	7,5	6	■	■	■
EI 75/30	2530R/1-2	25,8	30,6	37,1	48,2	57,0	34,4	18,5	14,0	39,0	7,5	6	■	■	■
EI 75/35*	2535R/1-2	25,8	35,6	37,1	48,2	62,0	34,4	18,5	14,0	39,0	7,5	6	■	■	■
EI 75/40*	2540R/1-2	25,8	40,6	37,1	48,2	67,0	34,4	18,5	14,0	39,0	7,5	6	■	■	■

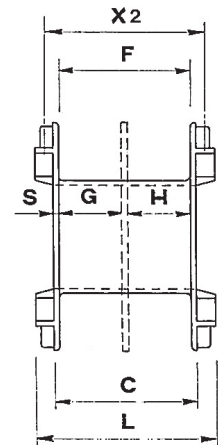
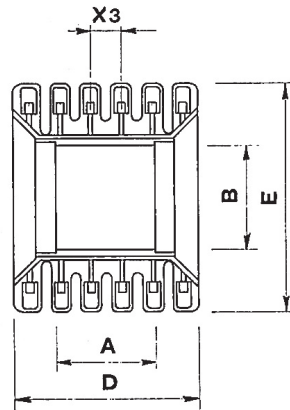
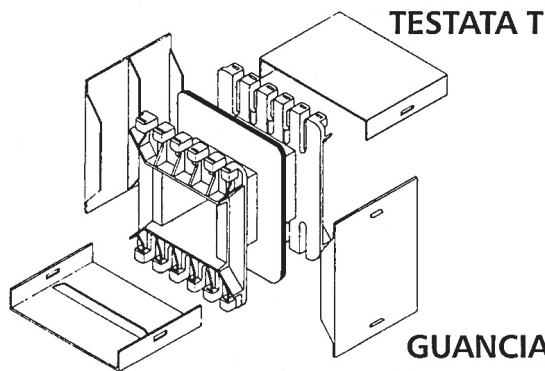
* Tipo disponibile anche con quota h=7

EI 84

lam. 70x84

TYPE	REF.	a	b	c	d	e	f	g	h	x2	x3	numero term.	GR	TR	TRF
EI 84/28	2828R/1-2	28,8	28,2	41,6	53,6	56,5	38,0	19,3	16,6	45,0	7,5	7	■	■	■
EI 84/30	2830R/1-2	28,8	30,2	41,6	53,6	58,8	38,0	19,3	16,6	45,0	7,5	7	■	■	■
EI 84/35	2835R/1-2	28,8	35,2	41,6	53,6	63,8	38,0	19,3	16,6	45,0	7,5	7	■	■	■
EI 84/40	2840R/1-2	28,8	40,2	41,6	53,6	68,8	38,0	19,3	16,6	45,0	7,5	7	■	■	■
EI 84/43*	2843R/1-2	28,8	43,2	41,6	53,6	71,8	38,0	19,3	16,6	45,0	7,5	7	■	■	■
EI 84/50	2850R/1-2	28,8	50,2	41,6	53,6	78,8	38,0	19,3	16,6	45,0	7,5	7	■	■	■
EI 84/55	2855R/1-2	28,8	55,2	41,6	53,6	83,8	38,0	19,3	16,6	45,0	7,5	7	■	■	■

* Tipo disponibile anche con quota h=7

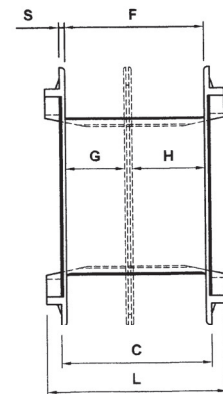
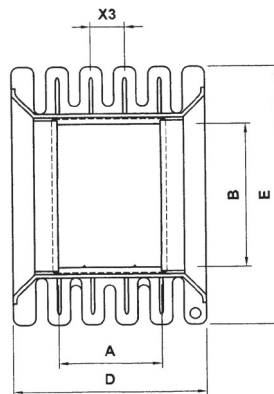
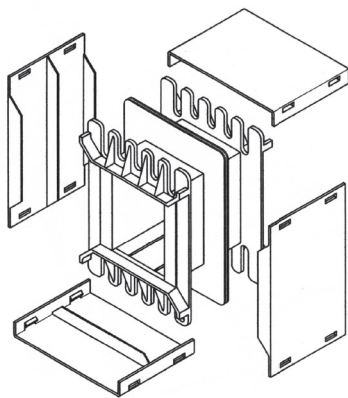


EI 84

lam. 70x84

TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	GG	T	S	L	numero term.
EI 84/28	2828F/1-2	29,0	28,8	41,5	53,2	61,0	38,2	16,5	20,0		45,0	9,4	■	■	1,6	49,5	4x6
EI 84/30	2830F/1-2	29,0	30,8	41,5	53,2	63,0	38,2	16,5	20,0		45,0	9,4	■	■	1,6	49,5	4x6
EI 84/35	2835F/1-2	29,0	35,8	41,5	53,2	68,0	38,2	16,5	20,0		45,0	9,4	■	■	1,6	49,5	4x6
EI 84/40	2840F/1-2	29,0	40,8	41,5	53,2	73,0	38,2	16,5	20,0		45,0	9,4	■	■	1,6	49,5	4x6
EI 84/43	2843F/1-2	29,0	43,8	41,5	53,2	73,0	38,2	18,5	18,5		45,0	9,4	■	■	1,6	49,5	4x6
EI 84/45	2845F/1-2	29,0	45,8	41,5	53,2	78,0	38,2	16,5	20,0		45,0	9,4	■	■	1,6	49,5	4x6
EI 84/50	2850F/1-2	29,0	50,8	41,5	53,2	83,0	38,2	16,5	20,0		45,0	9,4	■	■	1,6	49,5	4x6

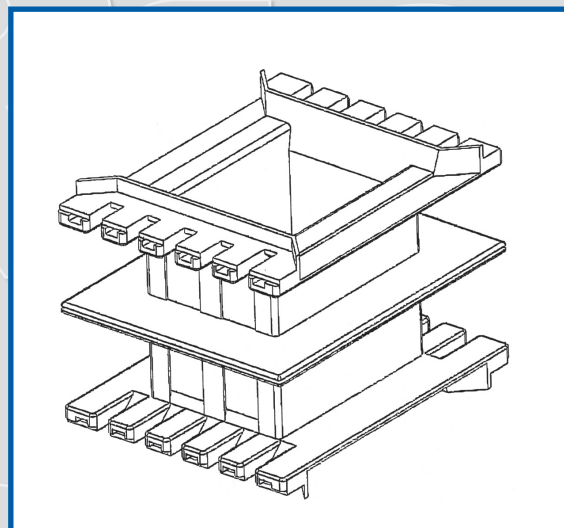
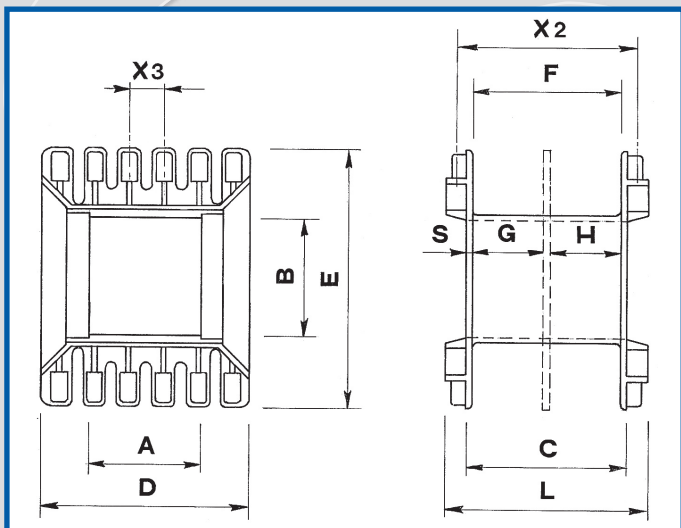
NOTE: /1 - SENZA FLANGIA INTERMEDIA /2 - CON FLANGIA INTERMEDIA



EI 84

lam. 70x84

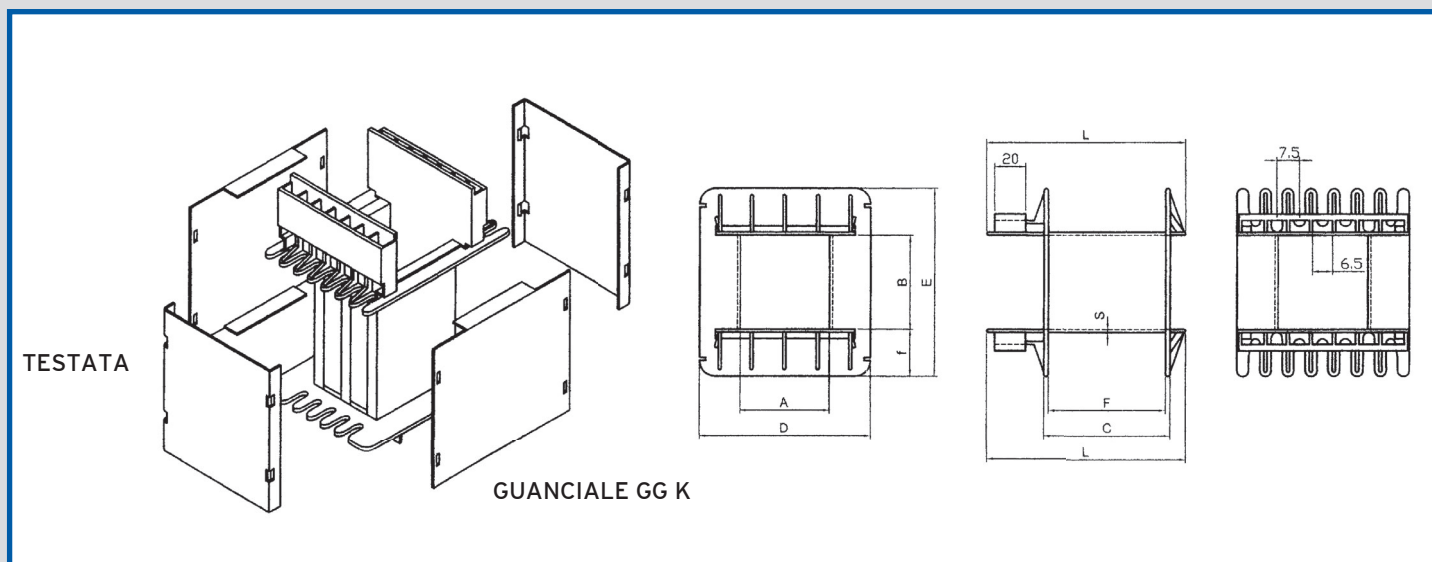
TYPE	REF.	a	b	c	d	e	f	g	h	s	GG	T	L
EI 84/21	2821G/1-2	28,8	21,8	41,5	53,2	53,0	38,5	20,0	16,5	1,5	■	■	49,5
EI 84/28	2828G/1-2	28,8	28,8	41,5	53,2	59,0	38,5	20,0	16,5	1,5	■	■	49,5
EI 84/30	2830G/1-2	28,8	30,8	41,5	53,2	62,0	38,5	20,0	16,5	1,5	■	■	49,5
EI 84/35	2835G/1-2	28,8	35,8	41,5	53,2	67,0	38,5	20,0	16,5	1,5	■	■	49,5
EI 84/40	2840G/1-2	28,8	40,8	41,5	53,2	72,0	38,5	20,0	16,5	1,5	■	■	49,5
EI 84/45	2845G/1-2	28,8	45,8	41,5	53,2	77,0	38,5	20,0	16,5	1,5	■	■	49,5
EI 84/50	2850G/1-2	28,8	50,8	41,5	53,2	82,0	38,5	20,0	16,5	1,5	■	■	49,5



EI 84

lam. 70x84

TYPE	REF.	a	b	c	d	e	f	g	h	x2	x3	GG	T	S	L	numero term.
EI 84/30	2830T/1-2	28,8	30	41,4	53,4	66	38,25	19,5	16,5		9,0	■	■	1,45	51,25	4X6
EI 84/35	2835T/1-2	28,8	35	41,4	53,4	71	38,25	19,5	16,5		9,0	■	■	1,45	51,25	4X6
EI 84/40	2840T/1-2	28,8	40	41,4	53,4	76	38,25	19,5	16,5		9,0	■	■	1,45	51,25	4X6
EI 84/50	2850T/1-2	28,8	50	41,4	53,4	86	38,25	19,5	16,5		9,0	■	■	1,45	51,25	4X6



TESTATA

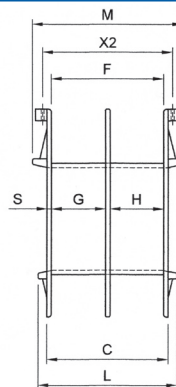
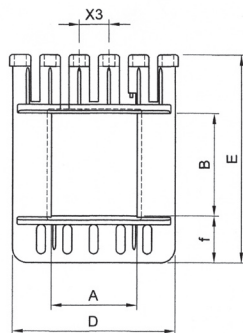
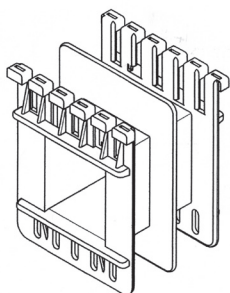
GUANCIALE GG K

EI 84

lam. 70x84

TYPE	REF.	a	b	c	d	e	f	g	h	x2	x3	GG K	T	S	L	numero term.
EI 84/29,5	2829K/1	28,7	29,5	41,0	55,1	60,0	38,0					■	■	1,5	64,5	2X7
EI 84/38	2838K/1	28,7	38,8	41,0	55,1	69,3	38,0					■	■	1,5	64,5	2X7
EI 84/41	2841K/1	28,7	41,5	41,0	55,1	74,0	38,0					■	■	1,5	64,5	2X7
EI 84/51	2851K/1	28,7	51,0	41,0	55,1	82,5	38,0					■	■	1,5	64,5	2X7

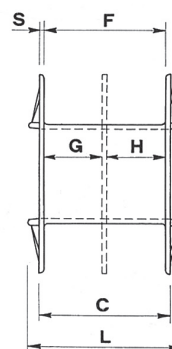
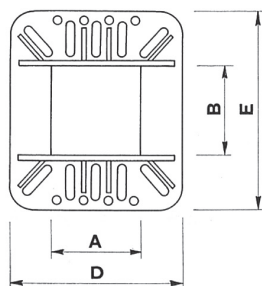
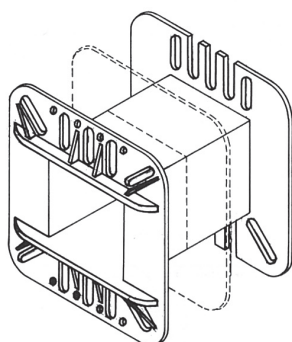
MOULE FRANCAIS



EI 84

lam. 70x84

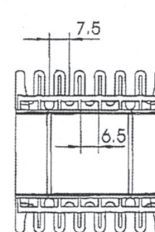
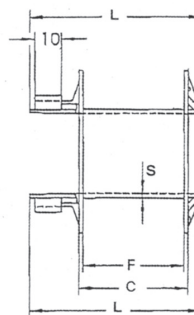
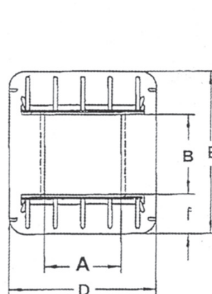
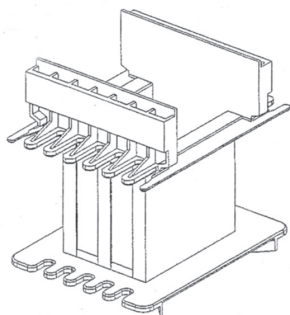
TYPE	REF.	a	b	c	d	e	f	g	h	X2	X3	s	t
EI 84/21	F 2821/1	28,8	21,2	40,8	55	57	38	18,5	18,5	45	10	1,5	50
EI 84/35	F 2835/1	28,8	35,2	40,8	55	71	38	18,5	18,5	45	10	1,5	50
EI 84/56	F 2856/1	28,8	56,2	40,8	55	92	38	18,2	18,5	45	10	1,5	50



EI 96

lam. 80x96

TYPE	REF.	a	b	c	d	e	f	S	L
EI 96/38	3238V/1	32,5	38,0	47,2	60,8	79,0	44,0	1,6	47,0

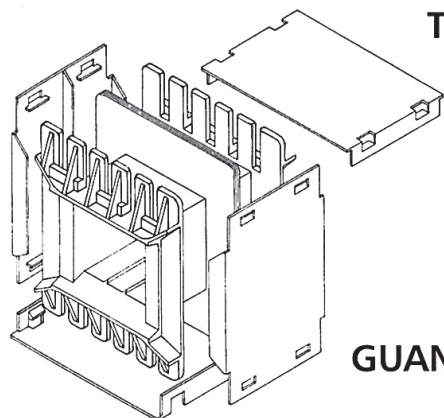


EI 96

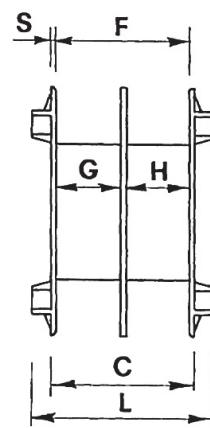
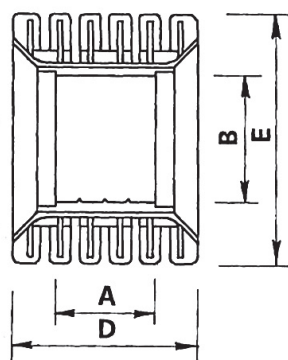
lam. 80x96

TYPE	REF.	a	b	c	d	e	f	GG	T	s	L	numero term
EI 96/35	3235K/1	32,7	35,7	47,2	62,5	70,3	44,0	■	■	1,55	71,3	2x8
EI 96/45	3245K/1	32,7	45,7	47,2	62,5	80,3	44,0	■	■	1,55	71,3	2x8
EI 96/50	3250K/1	32,7	50,7	47,2	62,5	85,3	44,0	■	■	1,55	71,3	2x8
EI 96/59	3260K/1	32,7	59,7	47,2	62,5	94,3	44,0	■	■	1,55	71,3	2x8

TESTATA T



GUANCIALE GG

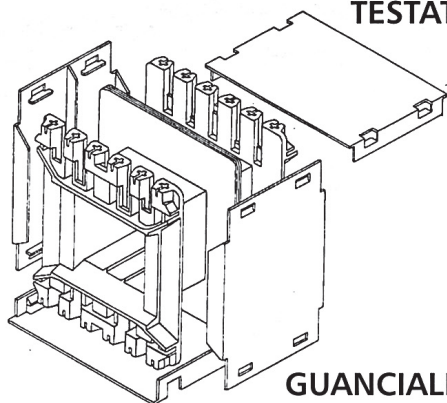


EI 96

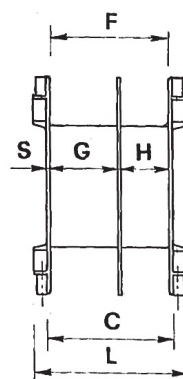
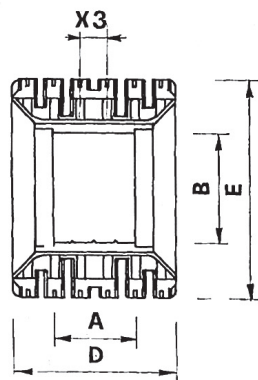
lam. 80x96

TYPE	REF.	a	b	c	d	e	f	g	h	GG	T	S	L
EI 96/32	3232G/1-2	33,0	32,8	47,35	60,9	71,5	44,0	21,0	21,0	■	■	1,55	57,1
EI 96/35	3235G/1-2	32,7	35,9	47,35	60,7	74,5	44,0	21,0	21,0	■	■	1,55	57,1
EI 96/40	3240G/1-2	32,6	40,8	47,35	60,6	79,3	43,7	21,0	21,0	■	■	1,55	56,7
EI 96/45	3245G/1-2	32,6	45,6	47,35	60,7	84,3	43,7	21,0	21,0	■	■	1,55	55,5
EI 96/50	3250G/1-2	32,6	50,6	47,35	60,8	89,5	43,5	21,0	21,0	■	■	1,55	56,6
EI 96/60	3260G/1-2	32,5	60,8	47,35	60,8	99,1	43,7	20,6	20,6	■	■	1,55	56,8
EI 96/70	3270G/1-2	32,8	70,8	47,35	60,8	109,5	44,2	21,0	21,0	■	■	1,55	56,5

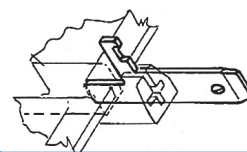
TESTATA T



GUANCIALE GG



AGGANCIO
AUTOMATICO
BREVETTATO

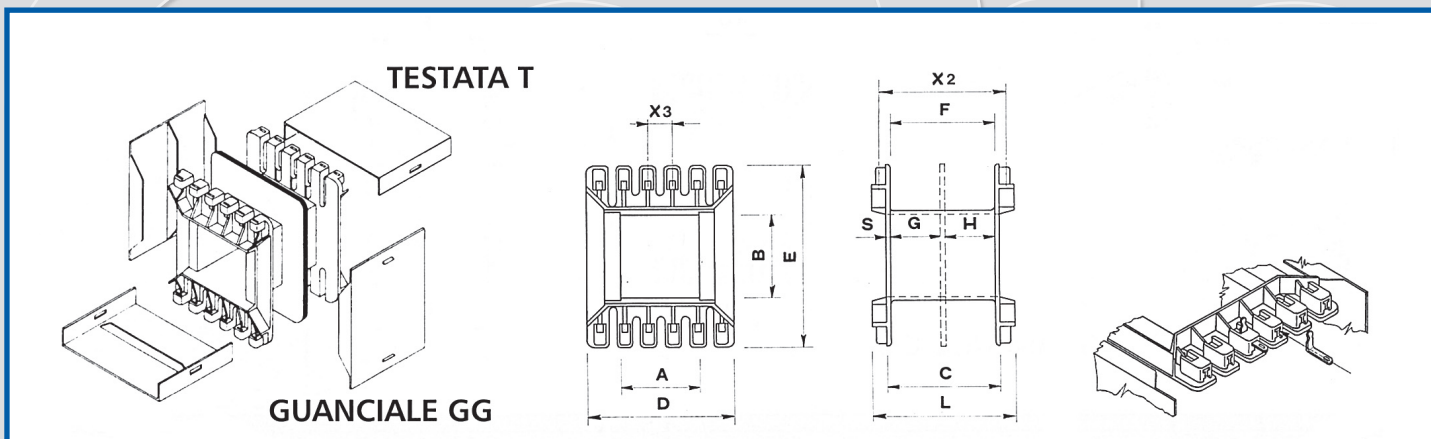


EI 96

lam. 80x96

TYPE	REF.	a	b	c	d	e	f	g	h	x3	GG	T	S	L	numero term.
EI 96/32	3232R/1-2	33,0	32,8	47,35	60,9	71,5	44,0	21,0	21,0	10,0	■	■	1,55	57,1	4x6
EI 96/35	3235R/1-2	32,7	35,9	47,35	60,7	74,5	44,0	21,0	21,0	10,0	■	■	1,55	57,1	4x6
EI 96/40	3240R/1-2	32,6	40,8	47,35	60,6	79,3	43,7	21,0	21,0	10,0	■	■	1,55	56,7	4x6
EI 96/45	3245R/1-2	32,6	45,6	47,35	60,7	84,3	43,7	21,0	21,0	10,0	■	■	1,55	55,5	4x6
EI 96/50	3250R/1-2	32,6	50,6	47,35	60,8	89,5	43,5	21,0	21,0	10,0	■	■	1,55	56,6	4x6
EI 96/60	3260R/1-2	32,5	60,8	47,35	60,8	99,1	43,7	20,6	20,6	10,0	■	■	1,55	56,8	4x6
EI 96/70	3270R/1-2	32,8	70,8	47,35	60,8	109,5	44,2	21,0	21,0	10,0	■	■	1,55	56,5	4x6

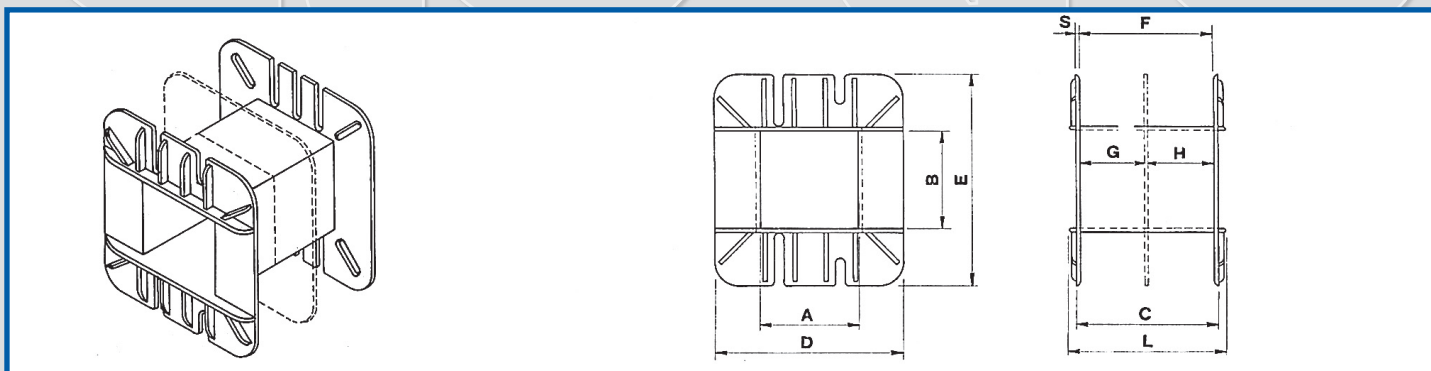
NOTE: /1 - SENZA FLANGIA INTERMEDIA
/2 - CON FLANGIA INTERMEDIA



EI 108

lam. 90x108

TYPE	REF.	a	b	c	d	e	f	g	h	x2	x3	GG	T	S	L	numero term.
EI 108/38	3638F/1-2	36,8	38,0	53,2	69,5	79,5	49,1	23,5	23,5	62,0	10,16	■	■	1,7	65,3	4x7
EI 108/45	3645F/1-2	36,8	45,5	53,1	69,5	86,8	49,1	23,5	23,5	62,0	10,16	■	■	1,7	65,8	4x7
EI 108/50	3650F/1-2	36,8	50,5	53,2	69,5	92,0	49,1	23,5	23,5	62,0	10,16	■	■	1,7	65,4	4x7
EI 108/55	3655F/1-2	36,8	55,5	53,1	69,5	96,7	49,1	23,5	23,5	62,0	10,16	■	■	1,7	65,4	4x7
EI 108/60	3660F/1-2	36,8	60,5	53,1	69,5	102,0	49,1	23,5	23,5	62,0	10,16	■	■	1,7	65,4	4x7



EI 108

lam. 90x108

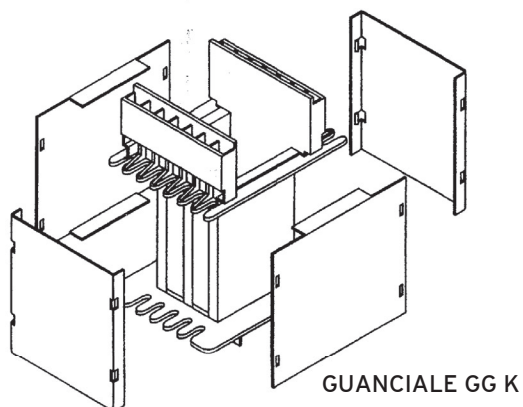
TYPE	REF.	a	b	c	d	e	f	g	h	S	L
EI 108/36	3636V/1	36,7	37,0	52,7	70,8	79,3	49,0			1,7	60,7
EI 108/50	3650V/1-2	36,8	51,0	52,7	70,8	93,3	48,8	25,5	22,5	1,7	60,4
EI 108/55	3655V/1	36,6	55,2	53,5	71,2	98,3	49,0			1,7	60,5
EI 108/60	3660V/1-2	36,7	60,2	52,5	71,0	104,0	49,0	25,5	22,5	1,7	60,0
EI 108/72	3672V/1	36,7	72,0	51,0	68,8	104,3	46,8			1,7	58,5

EI 114

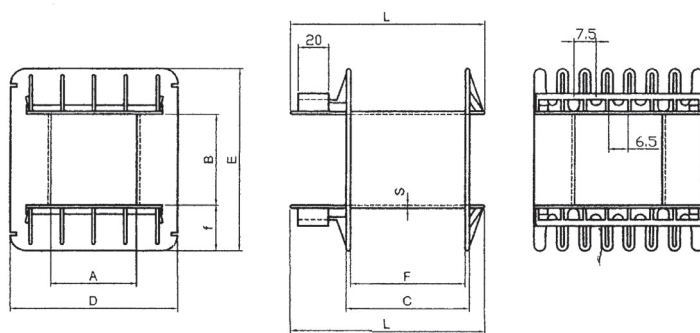
lam. 95x114

TYPE	REF.	a	b	c	d	e	f	g	h	S	L
EI 114/38	3838V/1-2	38,8	38,0	57,0	75,0	80,0	54,5	27,0	25,0	1,5	65,0
EI 114/44	3844V/1-2	38,8	44,0	57,0	75,0	87,0	54,5	27,0	25,0	1,5	65,0
EI 114/50	3850V/1-2	38,8	50,0	57,0	75,0	94,0	54,5	27,0	25,0	1,5	65,0
EI 114/60	3860V/1-2	38,8	60,0	57,0	75,0	103,0	54,5	27,0	25,0	1,5	65,0
EI 114/76	3876V/1-2	38,8	76,0	57,0	75,0	121,0	54,5	27,0	25,0	1,5	65,0

TESTATA T



GUANCIALE GG K



EI 108

lam.90x108

TYPE	REF.	a	b	c	d	e	f	GG	T	s	L	numero term
EI 108/38	3638K/1	37	38,7	53,0	69,5	78,5	49,3	■	■	1,7	78,4	2x9
EI 108/45	3645K/1	37	45,7	53,0	69,5	85,5	49,3	■	■	1,7	78,4	2x9
EI 108/50	3650K/1	37	50,7	53,0	69,5	90,5	49,3	■	■	1,7	78,4	2x9
EI 108/60	3660K/1	37	60,7	53,0	69,5	100,5	49,3	■	■	1,7	78,4	2x9

EI 120

lam.100x120

TYPE	REF.	a	b	c	d	e	f	s	L	numero term
EI 120/41	4041K/1	40,8	41,8	59,1	77,5	88,3	56,0	1,75	85,5	2x10
EI 120/53	4053K/1	40,8	53,8	59,1	77,5	100,4	56,0	1,75	85,5	2x10
EI 120/61	4061K/1	40,8	61,8	59,1	77,5	108,4	56,0	1,75	85,5	2x10
EI 120/73	4073K/1	40,8	73,8	59,1	77,5	120,3	56,0	1,75	85,5	2x10

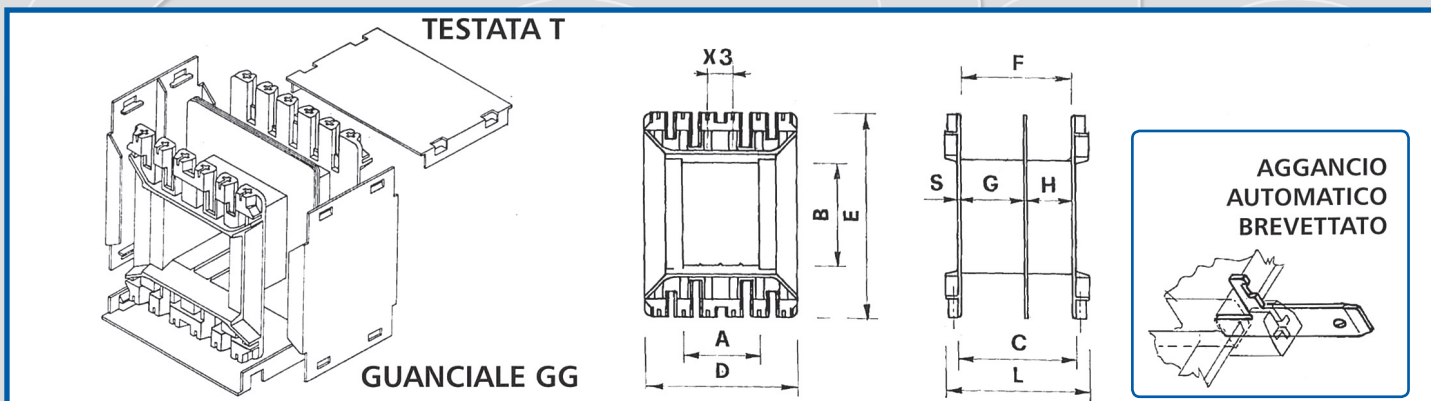
CièRre

.....di tutto

.....di più!

**15000 SPEDIZIONI ANNUE
IN 31 NAZIONI**

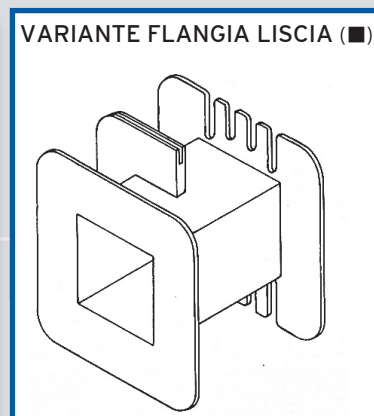
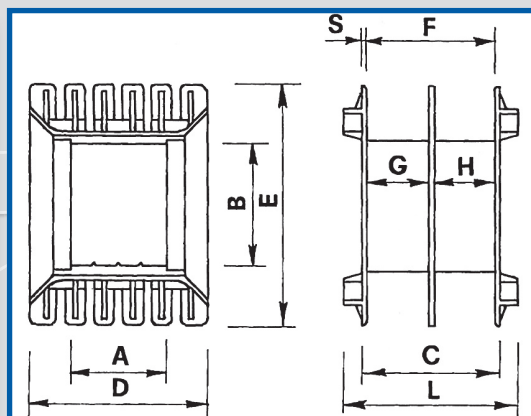
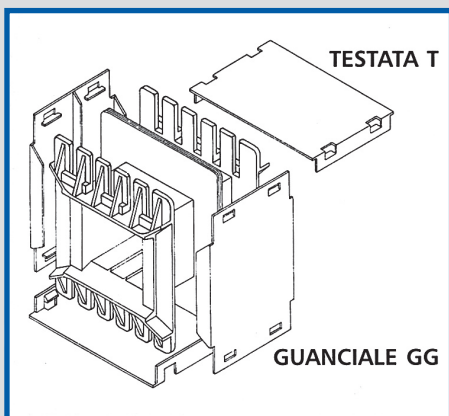
CièRre



EI 120

lam.100x120

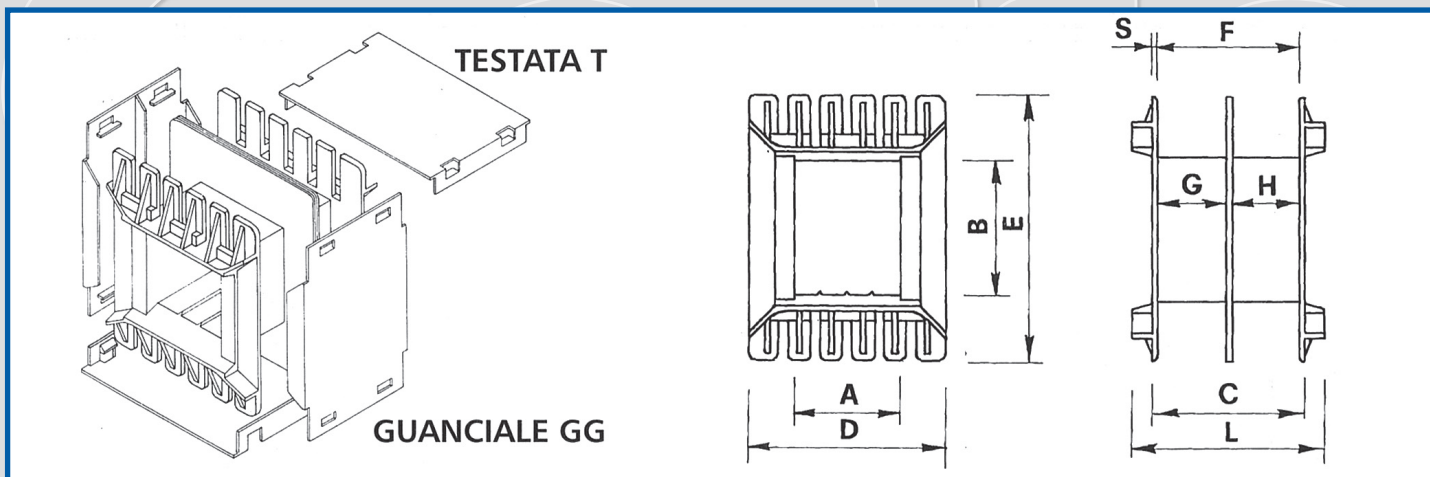
TYPE	REF.	a	b	c	d	e	f	g	h	x1	x3	S	L	GG	T	numero term.
EI 120/40	4040R/1-2	41,0	40,8	59,2	77,0	87,0	55,6	26,5	26,5		10,16	1,7	65,0	■	■	4x7
EI 120/45	4045R/1-2	41,0	45,8	59,2	77,0	92,0	55,6	26,5	26,5		10,16	1,7	65,0	■	■	4x7
EI 120/50	4050R/1-2	41,0	50,8	59,2	77,0	97,0	55,6	26,5	26,5		10,16	1,7	65,0	■	■	4x7
EI 120/55	4055R/1-2	41,0	55,8	59,2	77,0	102,0	55,6	26,5	26,5		10,16	1,7	65,0	■	■	4x7
EI 120/60	4060R/1-2	41,0	60,8	59,2	77,0	107,0	55,6	26,5	26,5		10,16	1,7	65,0	■	■	4x7



EI 120

lam.100x120

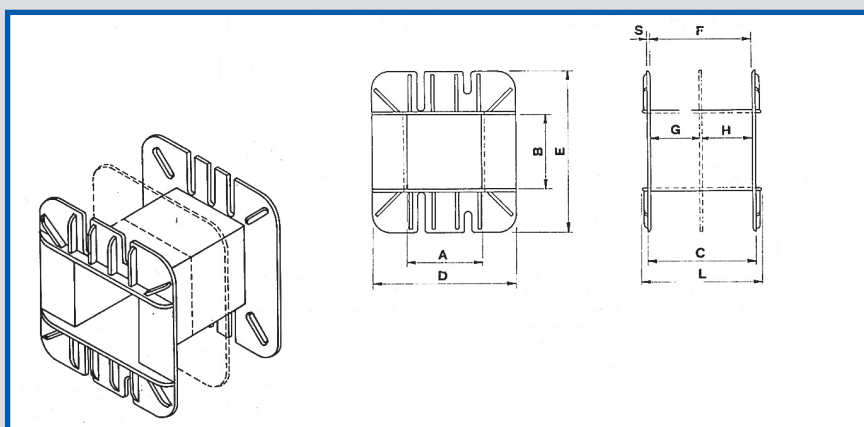
TYPE	REF.	a	b	c	d	e	f	g	h	GG	T	S	L	z1	x4	numero term.	VARIANTE FLANGIA LISCIA
EI120/30	4030G/1-2	41	30,0	59,2	77,0	75,0	56,0	26,5	26,5	■	■	1,6	65,0				
EI 120/35	4035G/1-2	41	35,0	59,2	77,0	80,0	56,0	26,5	26,5	■	■	1,6	65,0				
EI 120/40	4040G/1-2	41	40,0	59,2	77,0	85,0	56,0	26,5	26,5	■	■	1,6	65,0				■
EI 120/45	4045G/1-2	41	45,0	59,2	77,0	90,0	56,0	26,5	26,5	■	■	1,6	65,0				
EI 120/50	4050G/1-2	41	50,0	59,2	77,0	95,0	56,0	26,5	26,5	■	■	1,6	65,0				■
EI 120/55	4055G/1-2	41	55,0	59,2	77,0	100,0	56,0	26,5	26,5	■	■	1,6	65,0				
EI 120/60	4060G/1-2	41	60,0	59,2	77,0	105,0	56,0	26,5	26,5	■	■	1,6	65,0				■
EI 120/65	4065G/1-2	41	65,0	59,2	77,0	110,0	56,0	26,5	26,5	■	■	1,6	65,0				
EI 120/70	4070G/1-2	41	70,0	59,2	77,0	115,0	56,0	26,5	26,5	■	■	1,6	65,0				■
EI 120/80	4080G/1-2	41	80,0	59,2	77,0	125,0	56,0	26,5	26,5	■	■	1,6	65,0				



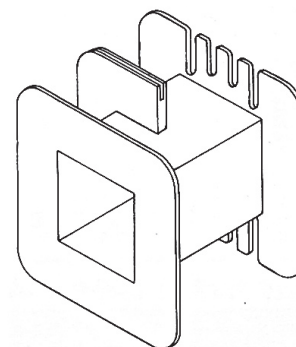
EI 126

lam.105x126

TYPE	REF.	a	b	c	d	e	f	g	h	s	L	GG	T
EI 126/43	4243G/1-2	43,1	42,0	62,3	81,6	89,6	58,3	28,0	28,0	1,60	71,0		
EI 126/50	4250G/1-2	43,2	50,0	62,3	81,6	97,6	58,3	28,0	28,0	1,60	71,0		
EI 126/60	4260G/1-2	43,2	60,0	62,3	81,6	107,6	58,3	28,0	28,0	1,60	71,0		
EI 126/70	4270G/1-2	43,3	70,0	62,3	81,6	117,6	58,6	28,0	28,0	1,55	71,0		
EI 126/80	4280G/1-2	43,3	80,0	62,3	81,6	127,6	58,6	28,0	28,0	1,55	71,0		



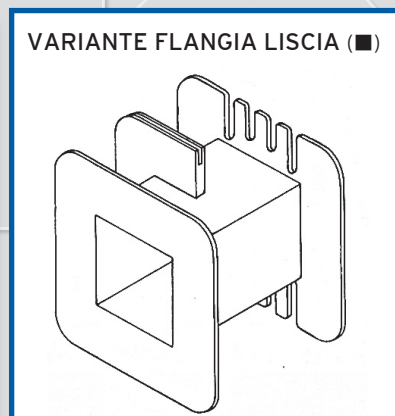
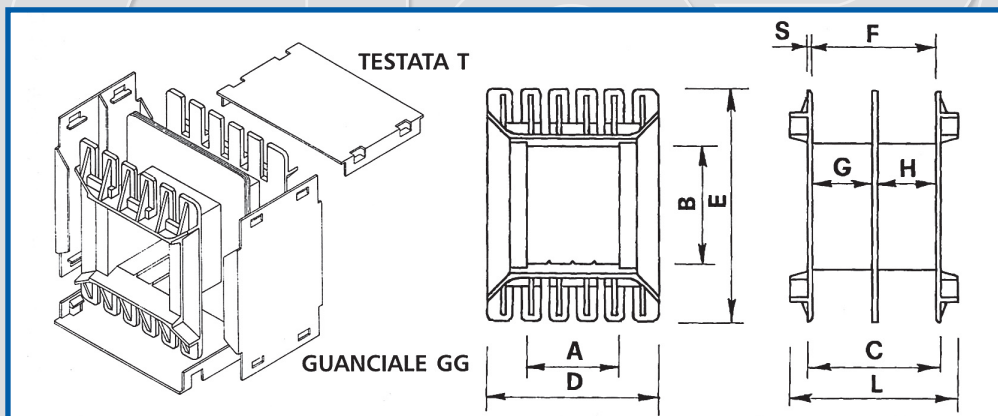
VARIANTE FLANGIA LISCIA (■)



EI 135

lam.112,5x135

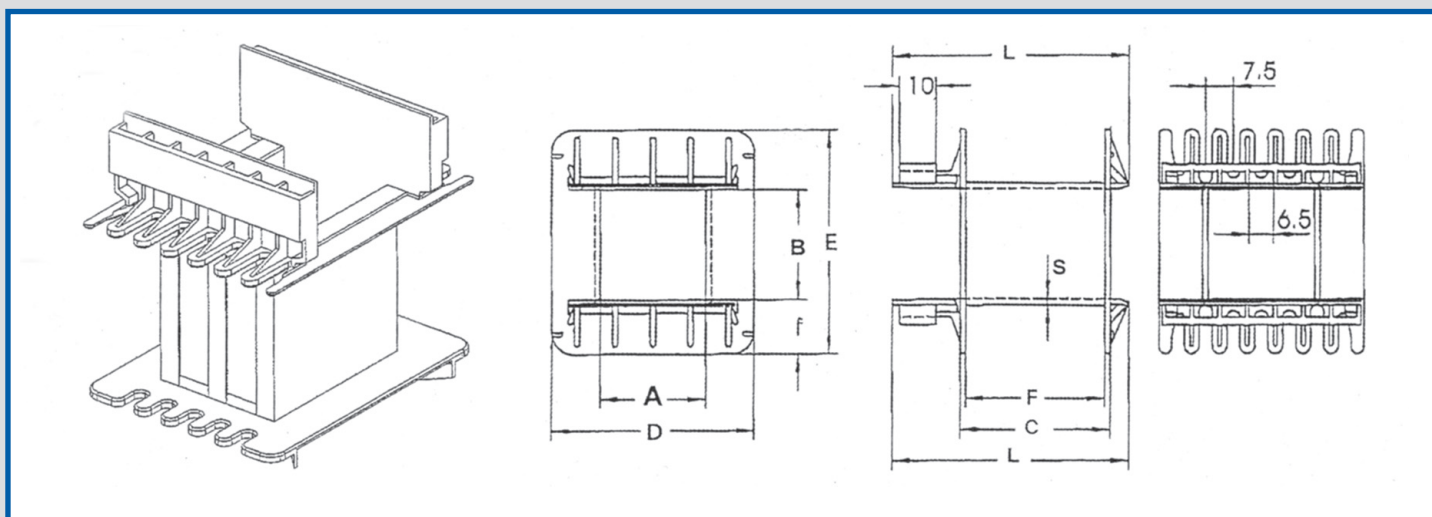
TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	S	L	VARIANTE FLANGIA LISCIA
EI 135/45	4545V/1-2	45,7	45	66,6	89,0	100,0	63,0	31,6	28,2				1,8	72,0	
EI 135/60	4560V/1-2	45,7	60	66,6	89,0	115,0	63,0	31,6	28,2				1,8	72,0	■
EI 135/90	4590V/1	45,7	90	66,6	89,0	145,0	63,0						1,8	74,5	



EI 150

lam.125x150

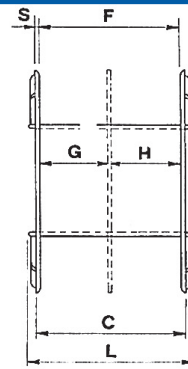
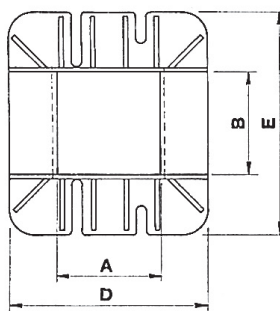
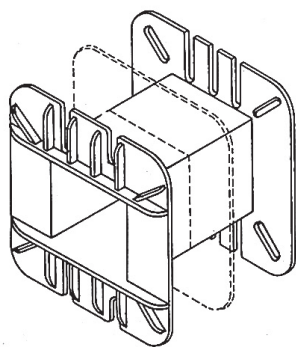
TYPE	REF.	a	b	c	d	e	f	g	h	x1	GG	T	s	L	z1	z4	numero term.	VARIANTE FLANGIA LISCIA
EI 150/50	5050G/1-2	51,0	51,0	73,0	96,5	110	69,0	35,5	30,5		■	■	2	82				■
EI 150/55	5055G/1-2	51,0	55,5	73,0	96,5	115	69,0	35,5	30,5				2	82				
EI 150/60	5060G/1-2	51,0	61,0	73,0	96,5	120	69,0	35,5	30,5		■	■	2	82				■
EI 150/70	5070G/1-2	51,0	71,0	73,0	96,5	130	69,0	35,5	30,5		■	■	2	82				■
EI 150/80	5080G/1-2	51,0	81,0	73,0	96,5	140	69,0	35,5	30,5		■	■	2	82				■
EI 150/90	5090G/1-2	51,0	91,0	73,0	96,5	150	69,0	35,5	30,5		■	■	2	82				■
EI 150/100	50100G/1-2	51,0	101,0	73,0	96,5	160	69,0	35,5	30,5		■	■	2	82				■
EI 150/110	50110G/1-2	52,0	111,0	73,0	96,5	170	69,0	35,5	30,5				2	82				■



EI 150

lam.125x150

TYPE	REF.	a	b	c	d	e	f	g	h	s	L
EI 150/49	5049K/1	51,0	49,6	73,0	96,5	107,0	69,0			2	93
EI 150/66	5066K/1	51,0	66,6	73,0	96,5	123,5	69,0			2	93
EI 150/92	5092K/1	51,0	92,6	73,0	96,5	139,5	69,0			2	93



EI 180

lam.150x180

TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	s	L	VARIANTE FLANGIA LISCIA
EI 180/60	6060V/1-2	61,0	60,0	88,5	118	135	83,0	42,5	38,5				2,35	98,0	■
EI 180/70	6070V/1-2	61,0	70,0	88,5	118	145	83,0	42,5	38,5				2,35	97,0	■
EI 180/80	6080V/1-2	61,0	80,0	88,5	118	156	83,0	42,5	38,5				2,35	97,0	■
EI 180/90	6090V/1-2	61,0	90,0	88,5	118	165,5	83,0	42,5	38,5				2,35	98,0	■
EI 180/100	60100V/1-2	61,0	99,5	88,5	118	175	83,0	42,5	38,5				2,35	97,0	■
EI 180/110	60110V/1-2	61,5	110,0	88,5	118	185,5	83,0	42,5	38,5				2,35	97,0	■
EI 180/120	60120V/1-2	61,5	119,5	88,5	118	195,5	83,5	42,5	38,5				2,35	97,0	■

EI 192

lam.160x192

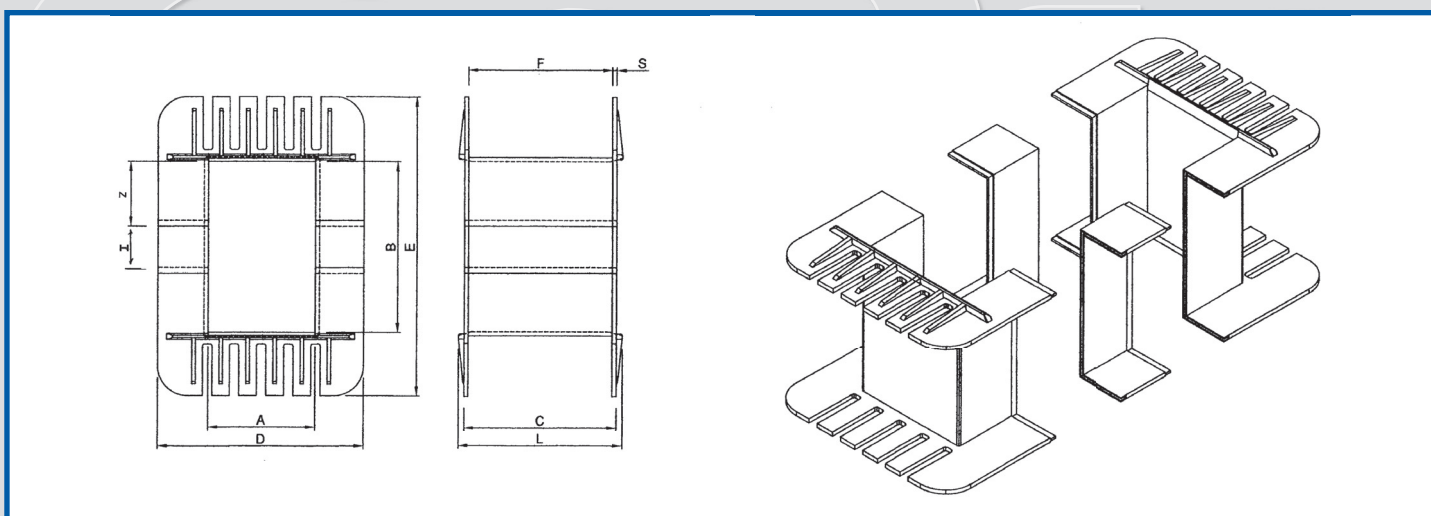
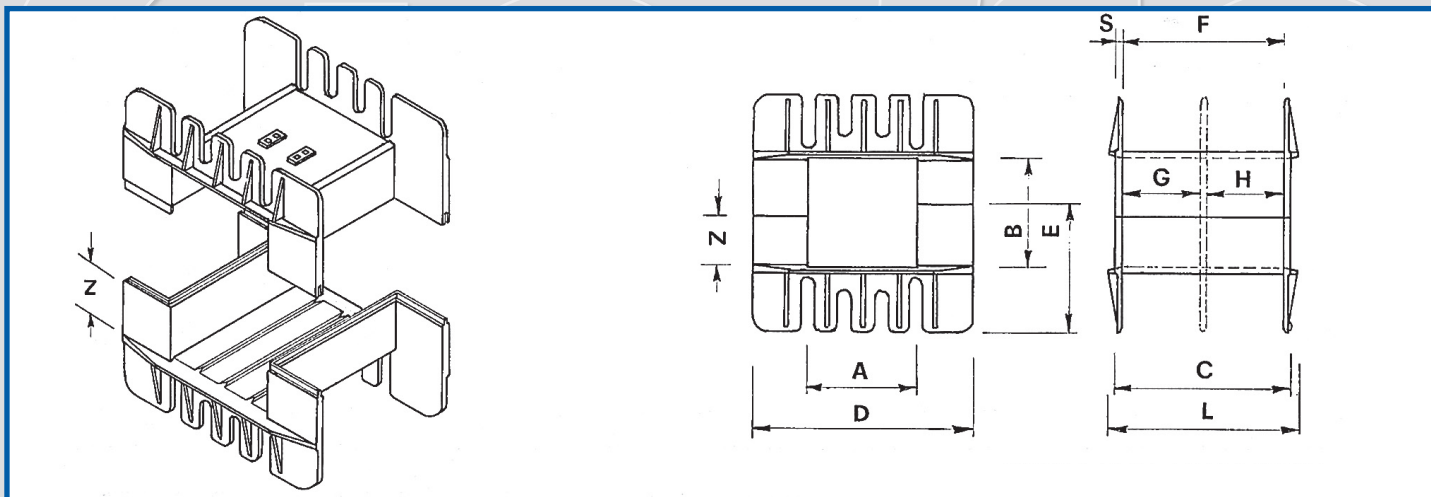
TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	s	L
EI 192/60	6460V/1	65,5	60,0	94,5	125,3	134	89,7						2,3	103,0
EI 192/64	6464V/1	65,5	64,0	94,8	125,5	145	89,8	42,0	44,9				2,3	103,0
EI 192/70	6470V/1-2	65,5	70,0	94,8	125,0	146	90,0	42,0	44,9				2,2	103,0
EI 192/80	6480V/1-2	65,5	80,0	94,8	125,0	156	90,0	42,0	44,9				2,2	103,0
EI 192/90	6490V/1-2	65,5	90,0	94,8	125,0	166	90,0	42,0	44,9				2,2	103,0
EI 192/100	64100V/1-2	65,5	100,0	94,5	125,5	176	90,0	42,0	44,5				2,2	103,0
EI 192/110	64110V/1-2	65,5	110,5	94,5	125,5	186	89,7	42,0	44,5				2,2	103,0
EI 192/120	64120V/1-2	65,5	120,5	94,5	125,5	196	89,7	42,0	44,5				2,2	103,0
EI 192/130	64130V/1-2	65,5	130,0	94,5	126,0	206	89,7	42,0	44,5				2,2	103,0
EI 192/150	64150V/1-2	65,8	149,5	94,5	126,2	226	89,7	42,0	44,5				2,2	103,0

Cierre

**...alles mögliche
...und noch mehr!**

**HABEN SIE EINIGE PLÄNE?
WÜNSCHEN SIE EIN PAAR ANGEBOTE?
MUSSEN SIE EINE GROSSE PRODUKTION AUSFÜHREN UND WILLEN, ES IST, IHR MÜßT?
SIE DIE KOSTEN DER PRESSFORMEN AMORTISIEREN?**

ZIEHEN SIE UNS ZU RATE!



EI 240

lam.200x240

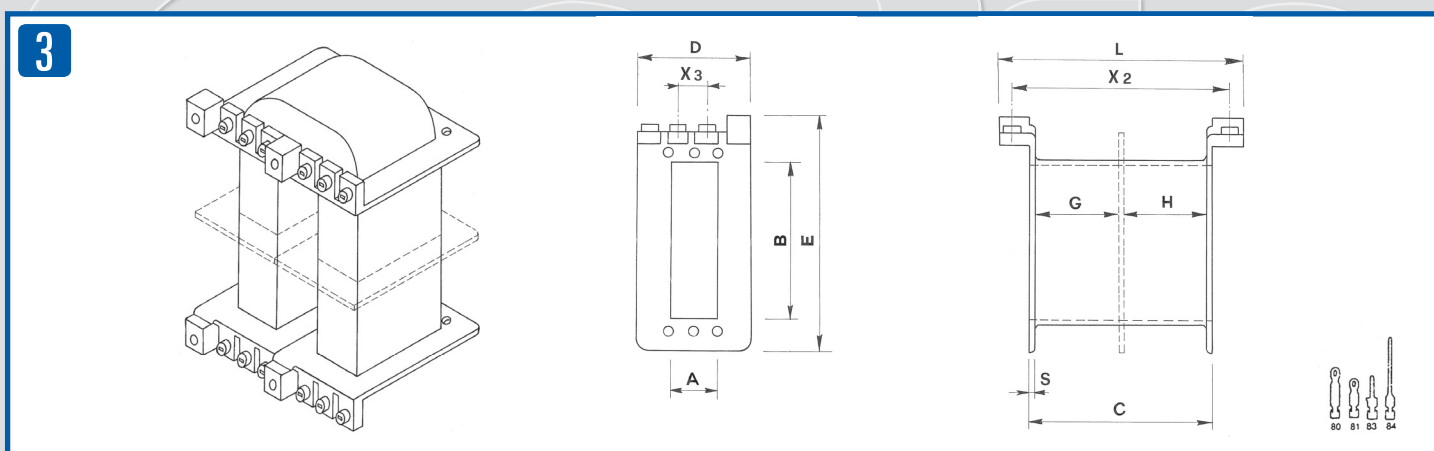
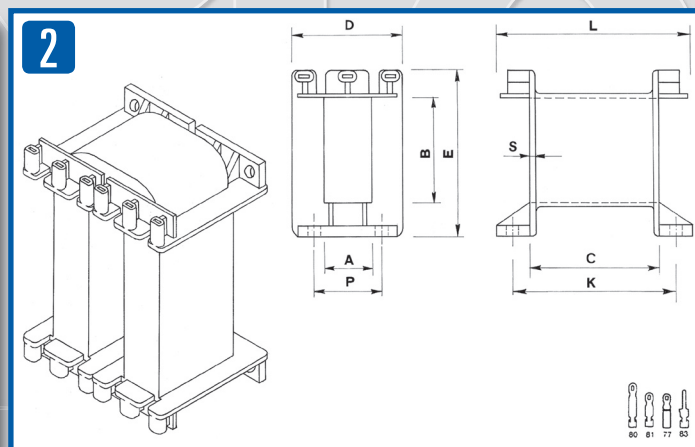
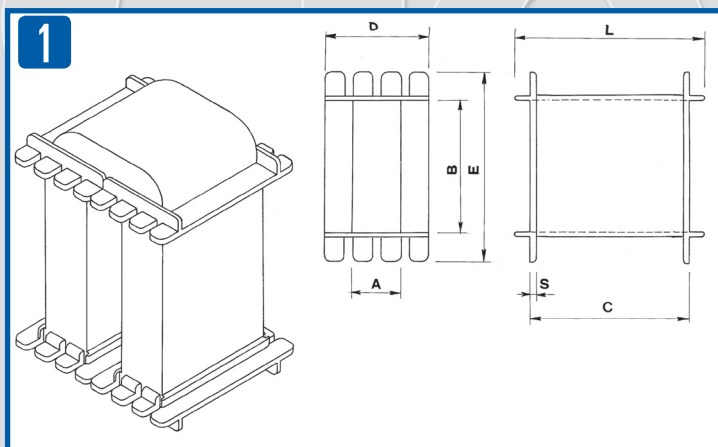
TYPE	REF.	A	Z	C	D	E	F	G	H	S	I	L	
EI 240/30	8030V/1-2	81,5	30	119	157	80	113	54,5	54,5	2,2		128	
EI 240/40	8040V/1-2	81,4	40	119	157	87	113	54,5	54,5	2,2		128	
EI 240/50	8050V/1-2	81,5	50	119	157	95	113	54,5	54,5	2,2		128	
EI 240/60	8060V/1-2	81,5	60	119	157	102	113	54,5	54,5	2,2		128	
EI 240/INT	INT80D/EI			INTERCALARE MISURA UNICA								50	

CierRe

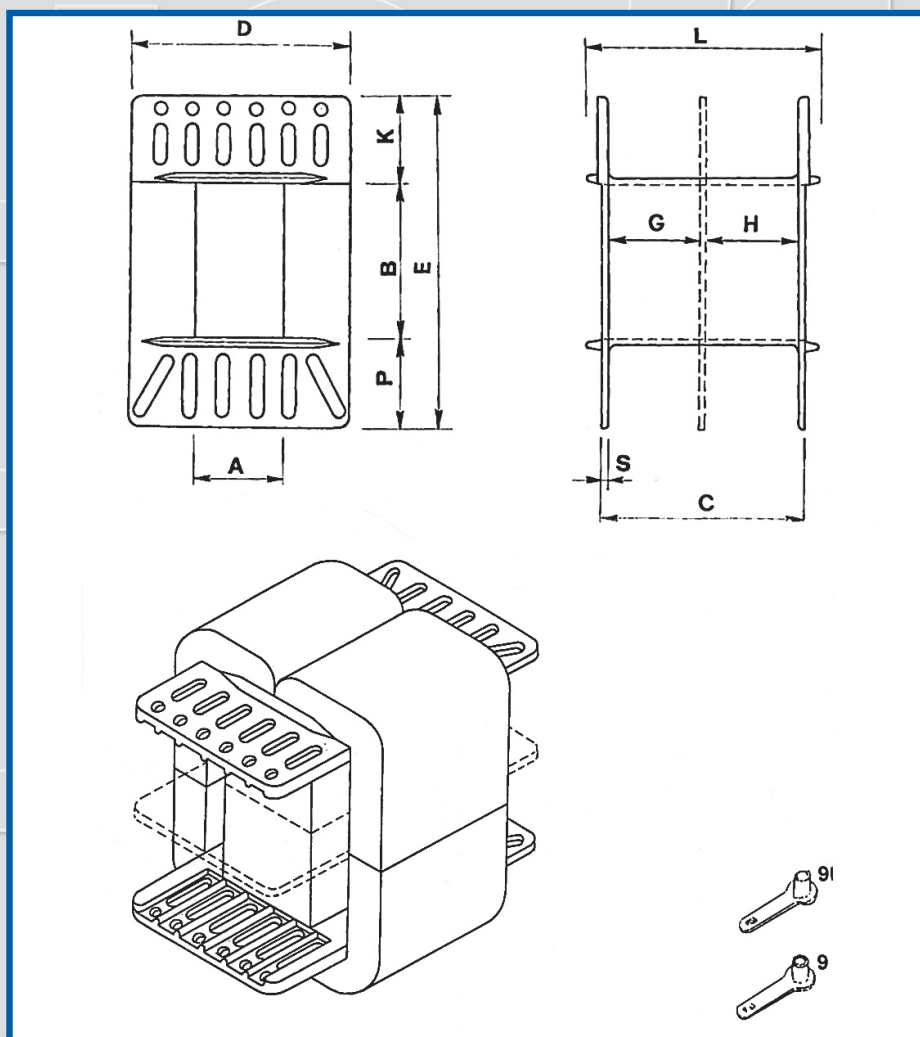
.....di tutto

.....di più!

19 BREVETTI CIERRE
18 BREVETTI CLIENTI

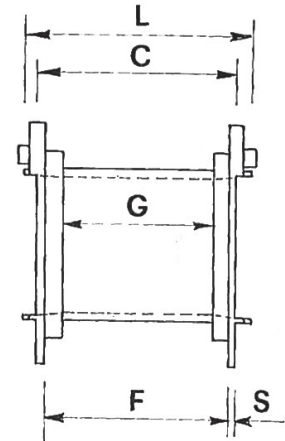
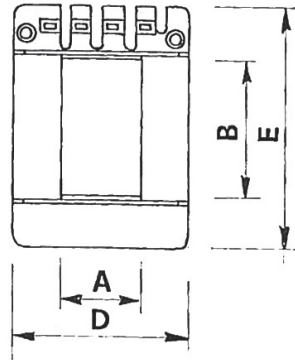
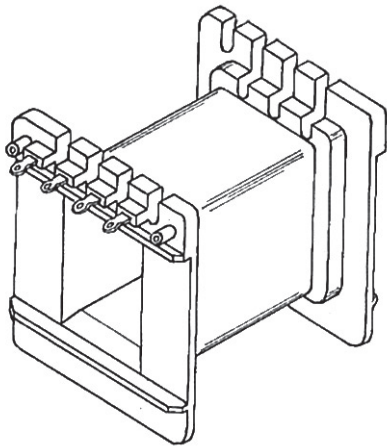


REF.HWR	REF.FA	a	b	c	d	e	f	P	K	x1	x2	x3	S	L	numero term.	DISEGNO
3/4	D6S	7,5	7,5	14,5	13,5	14,2							1,0	17,5		1
5/6	H10S	10,5	10,5	22,0	20,0	20,0							1,2	26,0		1
7/6	J10S	11,2	11,2	27,8	20,4	20,4							1,2	27,8	2X2	3
10/8	Q13S	9,5	13,5	37,6	21,5	31,7							1,2	53,2	2X3	3
10/12	Q19S	9,5	20,0	38,0	21,5	37,0							1,0	53,5	2X3	2
30/16	T25S	12,0	26,5	50,0	28,0	48,0							1,5	64,5	2X3	3
30/20	T32S	11,5	33,5	50,0	26,0	53,5							1,5	50,0		1
40/16	U25S	12,0	27,0	56,5	26,5	44,0							1,5	73,0	2X3	2
40/20	U32S	12,0	33,0	57,0	27,0	54,0							1,5	73,0	2X3	2
40/24	U38S	11,5	39,7	58,0	28,5	60,5						6,0	1,5	74,0	2X3	2
50/24	V38S	15,0	39,5	62,0	35,0	62,5							1,5	69,0		1
50/32	V51S	14,5	53,0	61,0	34,5	74,0							1,5	69,0		1
70/12	X29S	18,2	30,7	72,2	44,2	59,1							1,7	75,0		1
70/12	X51S	19,9	53,0	72,0	44,2	83,0							1,8	75,0		1
110/20	AD32S	27,0	33,5	110,4	65,0	76,1							1,8	113,4		1
110/32	AD51S	27,5	53,0	110,0	70	95,0							2,8	113,4		1
	AP51S	42,5	53,0	176,0	101,0	112,6							1,5	180,2		1



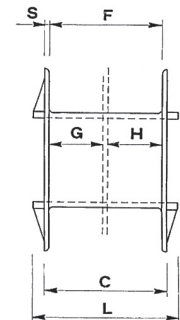
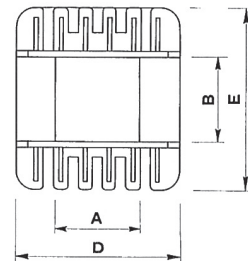
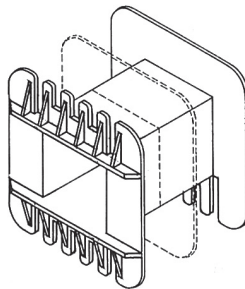
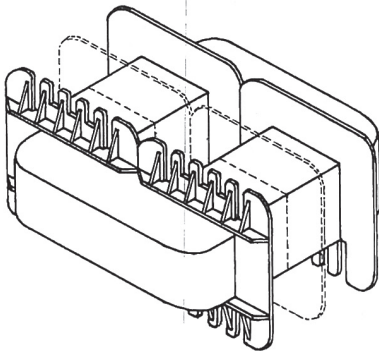
REF.HWR	REF.FA	a	b	c	d	e	f	g	h	P	K	x3	S	L
10/8	Q13D/1	19,0	14,0	36,0	43,0	48				15,0	19,0		1,5	42
10/12	Q19D/1	19,0	21,0	36,0	43,0	56				15,0	20,0		1,5	43
10/16	Q25D/1	19,0	26,5	36,0	43,0	62				15,0	20,2		1,5	42
10/24	Q38D/1	19,0	39,5	36,0	43,0	72				15,0	17,5		1,5	43
30/12	T19D/1	23,0	20,5	49,0	53,0	62				18,0	23,5		1,5	54
30/16	T25D/1	22,5	26,5	49,0	52,5	67		23,8	23,8	18,0	22,5		1,5	54
30/20	T32D/1	22,5	33,5	49,0	52,5	73				18,0	21,5		1,5	54
40/20	U32D/1	22,5	33,5	54,0	57,5	79				21,0	25,0		1,5	59
40/24	U38D/1	23,0	40,0	54,0	57,5	85				21,0	24,5		1,5	59
50/14	V22D/1	28,5	23,5	60,0	72,5	77				25,0	28,5		2,0	65
50/18	V29D/1	29,0	31,0	60,0	72,0	84				25,0	28,0		2,0	65
50/24	V38D/1	29,0	39,0	60,0	72,0	93				25,0	29,0		2,0	65
50/32	V51D/1	29,0	53,0	60,0	72,5	107				25,0	29,0		2,0	65
70/18	X29D/1	35,0	31,0	72,0	90,0	92				36,0	36,0		2,3	79
70/24	X38D/1	35,0	40,0	72,0	90,0	102				36,0	36,0		2,3	79
70/32	X51D/1	35,0	53,0	72,0	90,0	122				33,5	35,5		2,5	80
90/44	Z70D/1	42,0	72,0	86,0	107,0	155				41,5	41,5		2,5	98

36 ROCCHETTI PER NUCLEI "C" DOPPI SERIE HWR "C" CORES

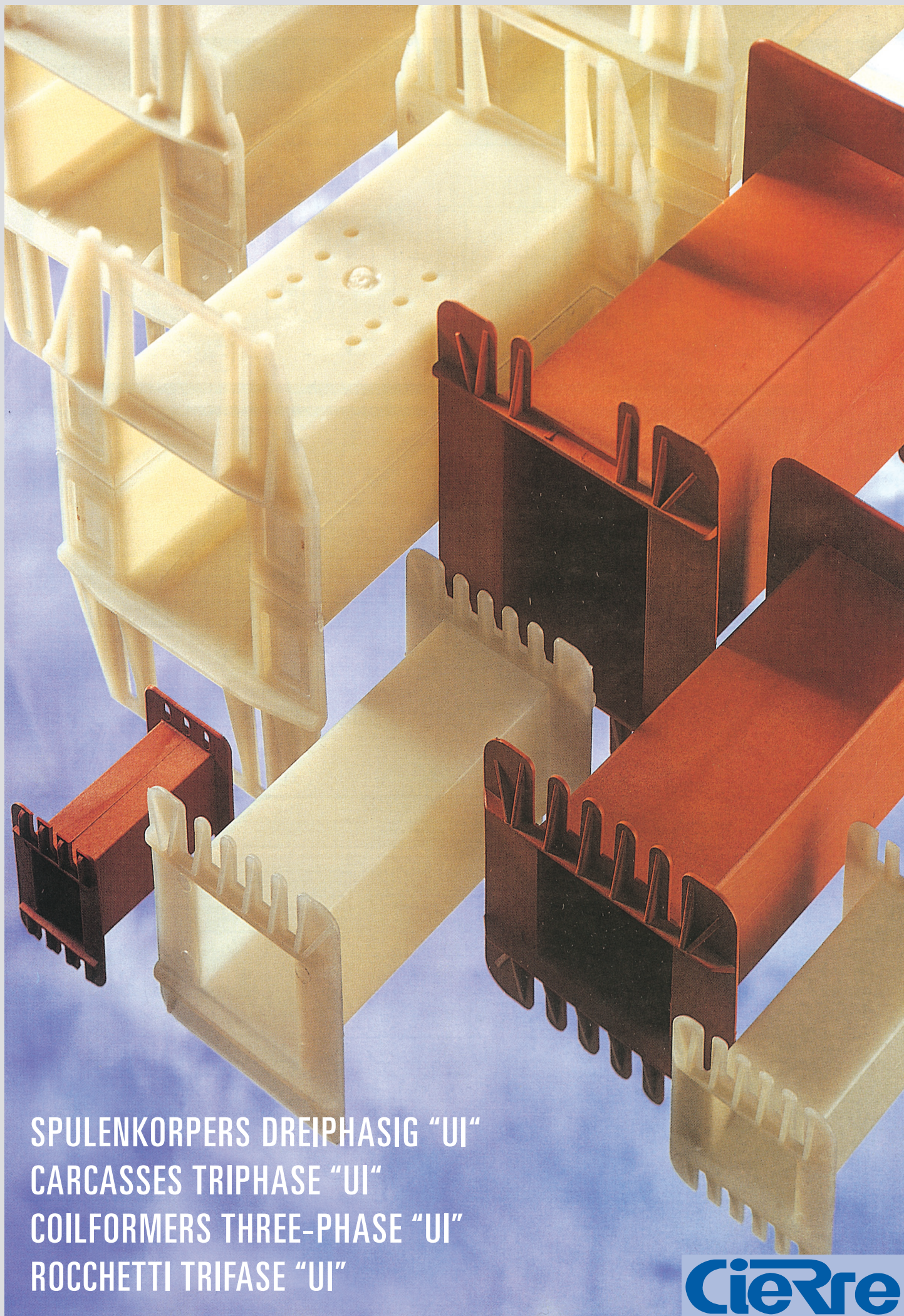


REF.HWR	REF.FA	a	b	c	d	e	f	g	S	L	numero term.
40/16	U25D/1FS	21,5	27,0	54,0	57,5	74,0	49,0	40,0	2,5	64,0	2X4
40/20	U32D/1FS	22,5	33,5	54,0	57,5	79,0	49,0	40,0	2,5	64,0	2X4
50/32	V51D/1FS	29,0	53,0	60,0	72,5	107,0	55,0	44,3	2,5	70,0	2X5

ROCCHETTI PER NUCLEI "SU" SINGOLI



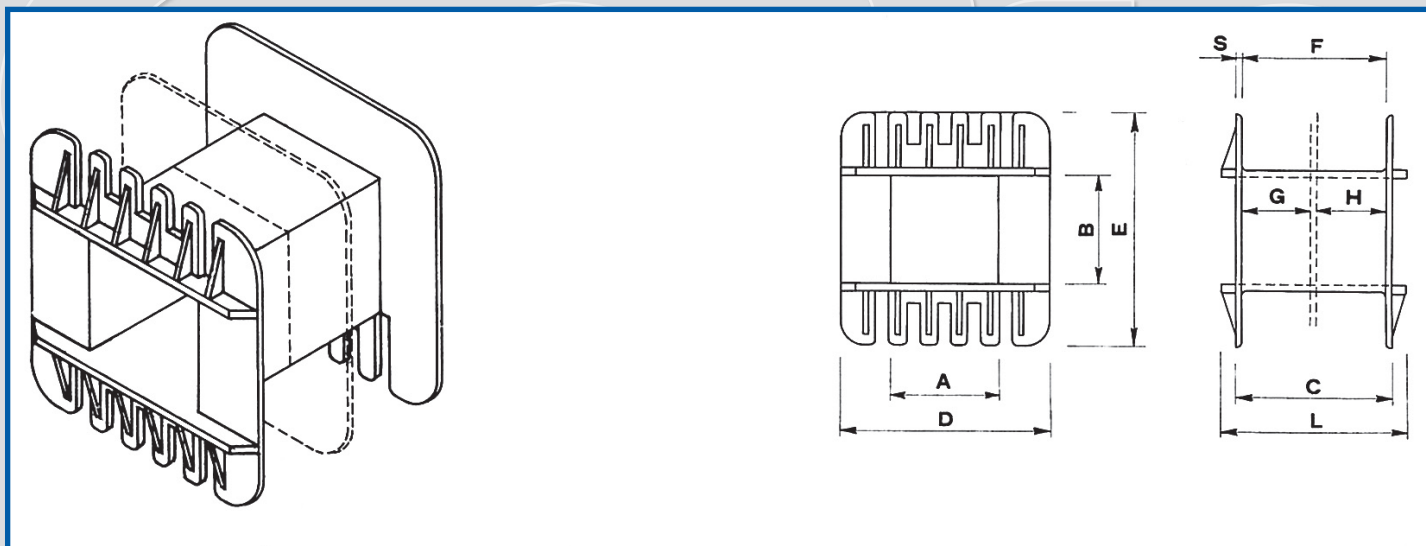
TYPE	REF.	a	b	c	d	e	f	g	h	S	L
SU 60B	203060/1	21,0	30,0	59,0	39,0	53,0	57,0			1,4	63,0
SU 90A	303090/1-2	31,0	30,0	88,5	59,0	69,0	85,5	42,0	42,0	1,5	94,0
SU 90B	305090/1-2	31,0	50,0	88,5	59,0	89,0	85,5	42,0	42,0	1,5	94,0
SU 150A	5050150/1-2	51,0	50,0	148,0	98,0	108,0	143,6	70,7	70,7	2,2	156,0
SU 150B	5080150/1-2	51,0	80,0	148,0	98,0	138,0	143,6	81,0	60,0	2,2	156,0
SU 180B	6080180/1-2	61,0	80,0	178,0	118,0	155,0	173,0	88,0	85,0	2,5	186,0
SU 210A	7072210/1-2	72,2	72,0	209,0	139,5	231,0	199,8			4,0	229,0
SU 210B	70102210/1-2	72,2	102,0	209,0	139,5	259,0	199,8			4,0	229,0
SU 210C	70132210/1-2	72,2	132,0	209,0	139,5	289,0	199,8			4,0	229,0
SU 240A	8082240/1-2	81,7	82,0	239,0	159,5	210,0	229,0			4,0	259,0
SU 240B	80110240/1-2	81,7	110,0	239,0	159,5	238,0	229,0			4,0	259,0
SU 240C	80140240/1-2	81,7	140,0	239,0	159,5	268,0	229,0			4,0	259,0



SPULENKORPERS DREIPHASIG "UI"
CARCASSES TRIPHASE "UI"
COILFORMERS THREE-PHASE "UI"
ROCCHETTI TRIFASE "UI"

CieRe

38 ROCCHETTI TRIFASE IN MATERIALE TERMOPLASTICO "UI"



UI 60

lam.100x100

TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	s	l
UI 60/21	202160/1-2	20,8	21,0	59,0	39,0	44,0	56,6	27,5	27,5				1,2	63,5
UI 60/30	203060/1-2	20,8	30,0	59,0	39,0	53,0	56,6	27,5	27,5				1,2	63,5
UI 60/40	204060/1	20,8	40,0	59,0	39,0	63,0	56,6						1,2	63,5
UI 60/50	205060/1	20,8	50,0	59,0	39,0	73,0	56,6						1,2	63,5

UI 66

lam.112x132

TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	s	l
UI 60/30	233066/1	23,8	30,0	65,7	52,0	63,0	62,5						1,6	69,6
UI 60/40	234066/1	23,8	40,0	65,7	52,0	68,0	62,5						1,6	69,6
UI 60/45	234566/1	23,8	45,0	65,7	52,0	78,0	62,5						1,6	69,6
UI 60/50	235066/1	23,8	50,0	65,7	52,0	88,0	62,5						1,6	69,6

UI 68

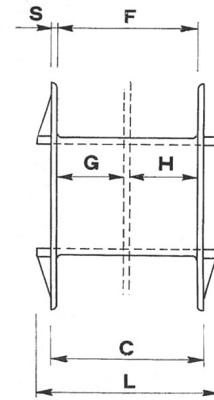
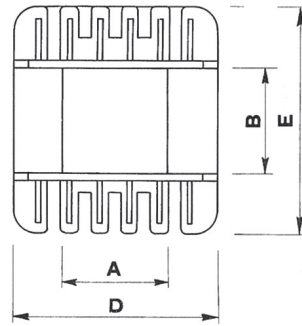
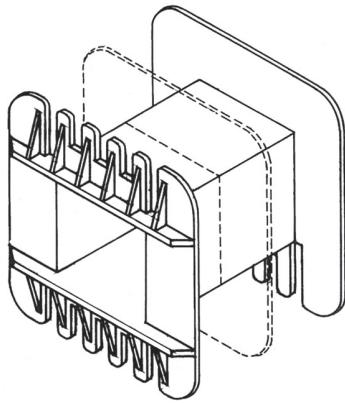
lam.110x120

TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	s	l
UI 68/40	234068/1	23,8	40,0	66,2	42,0	66,2	62,5						1,8	72,2

UI 75

lam.125x125

TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	s	l
UI 75/25	252575/1	26,0	26,0	74,5	49,5	58,0	71,5						1,5	82,5
UI 75/30	253075/1	26,0	31,0	74,5	49,5	63,0	71,5						1,5	82,5
UI 75/40	254075/1	26,0	41,0	74,5	49,5	73,0	71,5						1,5	82,5
UI 75/50	255075/1-2	26,0	51,0	74,5	49,5	78,0	71,5	35,0	35,0				1,5	82,5



UI 90

lam.150x150

TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	s	l
UI 90/30	303090/1-2	31,0	30,0	88,5	59,0	69,0	85,5	42,0	42,0				1,5	93,0
UI 90/35	303590/1-2	31,0	35,0	88,5	59,0	74,0	85,5	42,0	42,0				1,5	93,0
UI 90/40	304090/1-2	31,0	40,0	88,5	59,0	79,0	85,5	42,0	42,0				1,5	93,0
UI 90/45	304590/1-2	31,0	45,0	88,5	59,0	84,0	85,5	42,0	42,0				1,5	93,0
UI 90/50	305090/1-2	31,0	50,0	88,5	59,0	89,0	85,5	42,0	42,0				1,5	93,0
UI 90/55	305590/1-2	31,0	55,0	88,5	59,0	95,0	85,5	42,0	42,0				1,5	93,0
UI 90/60	306090/1-2	31,0	60,0	88,5	59,0	99,0	85,5	42,0	42,0				1,5	93,0
UI 90/75	307590/1-2	31,0	76,0	88,5	59,0	116,0	85,5	42,0	42,0				1,5	93,0

UI 100

lam.200x180

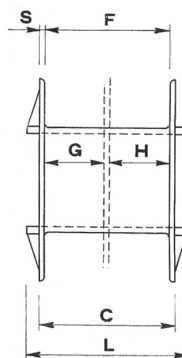
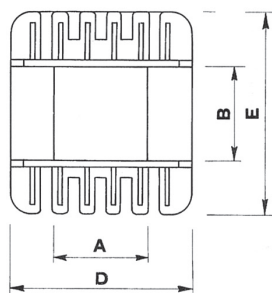
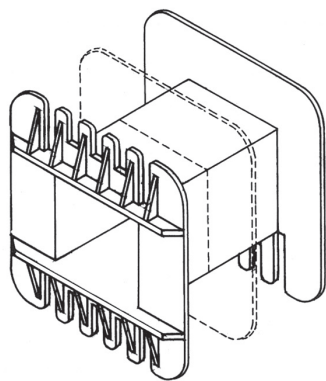
TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	s	l
UI 100/40	4040100/1	41,0	40,0	98,5	73,0	85,0	94,5						1,8	104,0
UI 100/50	4050100/1	41,0	50,0	98,5	73,0	95,0	94,5						1,8	104,0
UI 100/60	4060100/1	41,0	60,0	98,5	73,0	105,0	94,5						1,8	104,0
UI 100/70	4070100/1	41,0	70,0	98,5	73,0	115,0	94,5						1,8	104,0
UI 100/100	40100100/1	41,0	100,0	98,5	73,0	145,0	94,5						1,8	104,0

UI 120

lam.200x200

TYPE	REF.	a	b	c	d	e	f	g	h	CON FLANGIA INTERMEDIA SPOSTATA			s	l
UI 120/40	4040120/1-2	41,0	40,0	119,0	78,0	85,0	115,4	58,0	55,5				1,8	127,8
UI 120/40	4040120/62	41,0	40,0	119,0	78,0	85,0	115,4	62,5	51,0	■			1,8	127,8
UI 120/40	4040120/69	41,0	40,0	119,0	78,0	85,0	115,4	69,5	44,0	■			1,8	127,8
UI 120/50	4050120/1-2	41,0	50,0	119,0	78,0	95,0	115,4	56,0	54,0				1,8	127,8
UI 120/60	4060120/1-2	41,0	60,0	119,0	78,0	105,0	115,4	58,0	55,5				1,8	127,8
UI 120/60	4060120/60	41,0	60,0	119,0	78,0	105,0	115,4	60,0	53,5	■			1,8	127,8
UI 120/60	4060120/72	41,0	60,0	119,0	78,0	105,0	115,4	72,0	38,5	■			1,8	127,8
UI 120/75	4075120/1-2	41,0	75,0	119,0	78,0	120,0	115,4	58,0	55,5				1,8	127,8
UI 120/80	4080120/1	41,0	80,0	119,0	78,0	125,0	115,4						2,0	127,8
UI 120/80	4080120/72	41,0	80,0	119,0	78,0	125,0	115,4	72,0	38,5				2,0	127,8

40 ROCCHETTI TRIFASE IN MATERIALE TERMOPLASTICO "UI"



UI 125

lam.250x225

TYPE	REF.	a	b	c	d	e	f	g	h	CON FLANGIA INTERMEDIA SPOSTATA	s	L
UI 125/50	5050125/1	51,0	50,0	123,0	98,0	108,0	119,0				2	133,0

UI 150

lam.250x250

TYPE	REF.	a	b	c	d	e	f	g	h	CON FLANGIA INTERMEDIA SPOSTATA	s	L
UI 150/50	5050150/1-2	51,0	50,0	149,4	98,0	108,0	145,3	70,7	70,7		2,0	156,0
UI 150/50	5050150/95	51,0	50,0	149,4	98,0	108,0	145,3	95,6	46,0	■	2,0	156,0
UI 150/60	5060150/1-2	51,0	60,0	149,4	98,0	118,0	145,3	76,0	65,3		2,0	156,0
UI 150/60	5060150/95	51,0	60,0	149,4	98,0	118,0	145,3	95,6	46,0	■	2,0	156,0
UI 150/65	5065150/1-2	51,0	65,0	149,4	98,0	123,3	145,3	76,0	65,3		2,0	156,0
UI 150/70	5070150/1-2	51,0	70,0	149,4	98,0	128,0	145,3	76,0	65,3		2,0	156,0
UI 150/70	5070150/95	51,0	70,0	149,4	98,0	128,0	145,3	95,6	46,0	■	2,0	156,0
UI 150/80	5080150/1-2	51,0	80,0	149,4	98,0	138,0	145,3	81,6	60,0		2,0	156,0
UI 150/80	5080150/95	51,0	80,0	149,4	98,0	138,0	145,3	95,6	46,0	■	2,0	156,0
UI 150/90	5090150/1-2	51,0	90,0	149,4	98,0	148,0	145,3	76,0	68,2		2,0	156,0
UI 150/90	5090150/81	51,0	90,0	149,4	98,0	148,0	145,3	81,6	60,0	■	2,0	156,0
UI 150/100	50100150/1	51,0	100,0	149,4	98,0	148,0	145,3				2,0	156,0

UI 180/C RIDOTTO

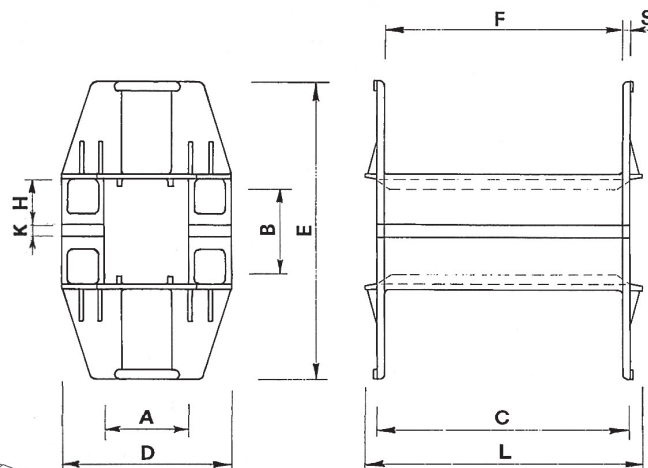
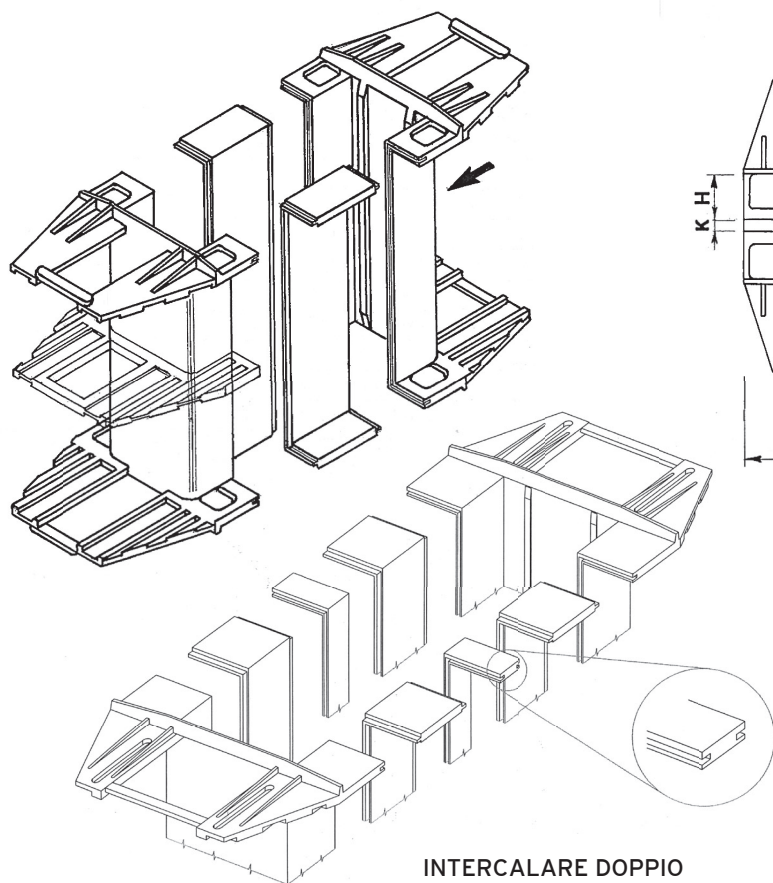
lam.270x300

TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	s	L
UI 180C/60	6060150/91	61,5	60,0	148,0	118,0	126	142,5	91	51				2,2	124
UI 180C/70	6070150/91	61,5	70,0	148,0	118,0	136	142,5	91	51				2,2	124
UI 180C/80	6080150/91	61,5	80,0	148,0	118,0	146	142,5	91	51				2,2	124
UI 180C/105	60105150/91	61,5	105,0	148,0	118,0	171	142,5	91	51				2,2	124

UI 180

lam.300x300

TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	s	L
UI 180/60	6060180/1-2	61,0	60,0	179,0	118,0	135,0	173,0	88,0	85,0				2,5	186,0
UI 180/70	6070180/1-2	61,0	70,0	179,0	118,0	145,0	173,0	88,0	85,0				2,5	186,0
UI 180/80	6080180/1-2	61,0	80,0	179,0	118,0	155,0	173,0	88,0	85,0				2,5	186,0
UI 180/90	6090180/1-2	61,0	90,0	179,0	118,0	165,0	173,0	88,0	85,0				2,5	186,0



PATENTED BREVETTATO

INTERCALARE DOPPIO

Questi rocchetti sono costituiti da due semi rocchetti perfettamente uguali tra loro, integrati da spessori intermedi di varie misure ed opportunamente incastrati, che consentono di realizzare i vari pacchi lamellari sopra elencati.

Opportune doppie zeppe coniche, alloggiare in apposite scanalature interne consentono il bloccaggio di tutto il pacco lamellare. Angolari a spicchio consentono una perfetta areaazione.

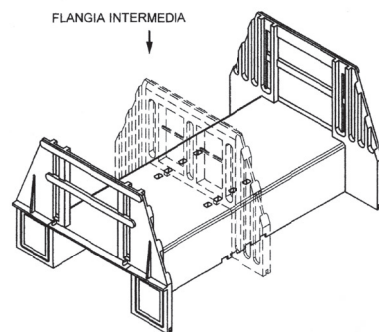
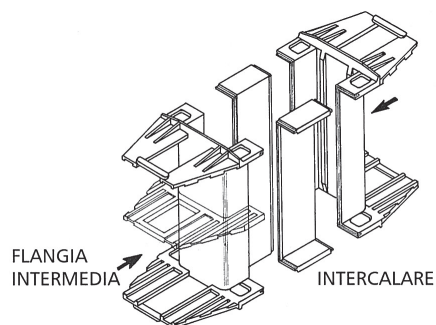
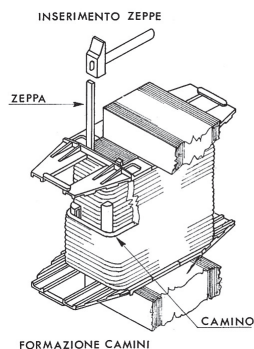
These bobbins are composed of two semi-bobbins perfectly identical to each other end integrated, piece angular allow a perfect cooling with intermediate thickness of different measures. They are also properly fit together so that to realize the different stackings (see above). Opportune double conic zeppe setting proper internal channel, permit the blocking of the wall stacking. Piece angular allow a perfect cooling.

UI 180

lam.300x300

TYPE	DESCRIZIONE	REF.		A	B	C	D	E	F	H	S	L	Z	K
UI 180	SEMIROCCHETTO	60180R		61,5		178,5	118,0		170,5	40,0	4,0	194,0	54,8	
UI 180/90	INTERCALARE 60X90	INT6090	MISURE TOTALI SEMIROCCHETTO + INTERCALARE ASSEMBLATO	61,5	90	178,5	118,0	218,0	170,5		4,0	194,0		
UI 180/100	INTERCALARE 60X100	INT60100		61,5	100	178,5	118,0	228,0	170,5		4,0	194,0		
UI 180/110	INTERCALARE 60X110	INT60110		61,5	110	178,5	118,0	238,0	170,5		4,0	194,0		
UI 180/120	INTERCALARE 60X120	INT60120		61,5	120	178,5	118,0	248,0	170,5		4,0	194,0		
UI 180/130	INTERCALARE 60X130	INT60130		61,5	130	178,5	118,0	258,0	170,5		4,0	194,0		
UI 180/140	INTERCALARE 60X140	INT60140		61,5	140	178,5	118,0	268,0	170,5		4,0	194,0		20,0
UI 180/....	INTERCALARE DOPPIO	INT60D	CONSENTE DI AUMENTARE A PIACERE IL PACCO LAMELLARE								4,0			

42 ROCCHETTI TRIFASE IN MATERIALE TERMOPLASTICO "UI"



UI 210

lam.350x350

TYPE	DESCRIZIONE	REF.	A	B	C	D	E	F	H	S	L	Z	K	
UI 210	SEMIROCCHETTO	70210R	72,2		209	139,5		199,8	40	4,0	229	68,6		
UI 210/72	INTERCALARE 70X72	INT7072	72,2	72	209	139,5	231	199,8		4,0	229			
UI 210/80	INTERCALARE 70X80	INT7080	72,2	80	209	139,5	237	199,8		4,0	229			
UI 210/90	INTERCALARE 70X90	INT7090	72,2	90	209	139,5	247	199,8		4,0	229			
UI 210/102	INTERCALARE 70X102	INT70102	72,2	102	209	139,5	259	199,8		4,0	229			
UI 210/110	INTERCALARE 70X110	INT70110	72,2	110	209	139,5	267	199,8		4,0	229			
UI 210/120	INTERCALARE 70X120	INT70120	72,2	120	209	139,5	277	199,8		4,0	229			
UI 210/132	INTERCALARE 70X132	INT70132	72,2	132	209	139,5	289	199,8		4,0	229			
UI 210/140	INTERCALARE 70X140	INT70140	72,2	140	209	139,5	297	199,8		4,0	229			
UI 210/....	INTERCALARE DOPPIO	INT70D	CONSENTE DI AUMENTARE A PIACERE IL PACCO LAMELLARE							4,0				
UI 210	FLANGIA INTERMEDIA	FL70/UI								5,8				

MISURE TOTALI SEMIROCCHETTO + INTERCALARE ASSEMBLATO

UI 240

lam.400x400

TYPE	DESCRIZIONE	REF.	A	B	C	D	E	F	H	S	L	Z	K	
UI 240	SEMIROCCHETTO	80240R	81,7		239	159		229	40,1	4,0	259	74,0		
UI 240/82	INTERCALARE 80X82	INT8082	81,7	82	239	159	240	229		4,0	259			
UI 240/90	INTERCALARE 80X90	INT8090	81,7	90	239	159	248	229		4,0	259			
UI 240/100	INTERCALARE 80X100	INT80100	81,7	100	239	159	258	229		4,0	259			
UI 240/110	INTERCALARE 80X110	INT80110	81,7	110	239	159	268	229		4,0	259			
UI 240/120	INTERCALARE 80X120	INT80120	81,7	120	239	159	278	229		4,0	259			
UI 240/130	INTERCALARE 80X130	INT80130	81,7	130	239	159	288	229		4,0	259			
UI 240/140	INTERCALARE 80X140	INT80140	81,7	140	239	159	298	229		4,0	259			
UI 240/150	INTERCALARE 80X150	INT80150	81,7	150	239	159	308	229		4,0	259			
UI 240/....	INTERCALARE DOPPIO	INT80D	CONSENTE DI AUMENTARE A PIACERE IL PACCO LAMELLARE							4,0			20,0	
UI 240	FLANGIA INTERMEDIA	FL80/UI								5,8				

MISURE TOTALI SEMIROCCHETTO + INTERCALARE ASSEMBLATO

UI 300

lam.500x500

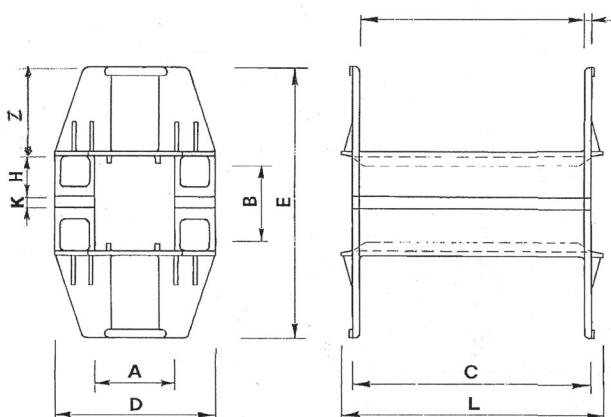
TYPE	DESCRIZIONE	REF.	A	B	C	D	E	F	H	S	L	Z	K	
UI 300	SEMIROCCHETTO	100300R	102			199		291	45,3	4,0	318	83,9		
UI 300/100	INTERCALARE 100X100	INT100100	102	100	298	199	268	291		4,0	318			
UI 300/110	INTERCALARE 100X110	INT100110	102	110	298	199	278	291		4,0	318			
UI 300/120	INTERCALARE 100X120	INT100120	102	120	298	199	288	291		4,0	318			
UI 300/130	INTERCALARE 100X130	INT100130	102	130	298	199	298	291		4,0	318			
UI 300/140	INTERCALARE 100X140	INT100140	102	140	298	199	308	291		4,0	318			
UI 300/150	INTERCALARE 100X150	INT100150	102	150	298	199	318	291		4,0	318			
UI 300/160	INTERCALARE 100X160	INT100160	102	160	298	199	328	291		4,0	318			
UI 300/....	INTERCALARE DOPPIO	INT100D	CONSENTE DI AUMENTARE A PIACERE IL PACCO LAMELLARE							4,0			20,0	
UI 300	FLANGIA INTERMEDIA	FL100/UI								5,8				

MISURE TOTALI SEMIROCCHETTO + INTERCALARE ASSEMBLATO

NEW

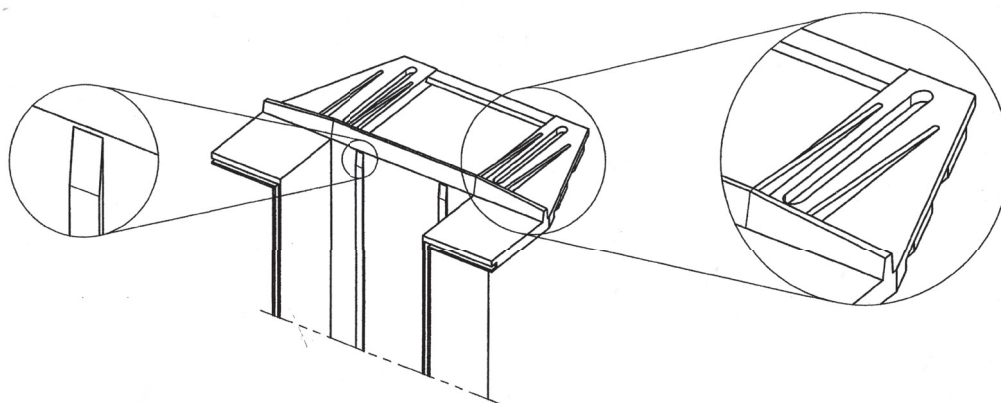
**ROCCHETTO TRIFASE
CON DIMENSIONI
RIDOTTE**

COD....R/R



NEW

**COILFORMERS THREE-PHASE
WITH REDUCED
DIMENSIONS**



UI 210

lam.350x350

TYPE	DESCRIZIONE	REF.	A	B	C	D	E	F	H	S	L	Z	K	
UI 210	SEMIROCCHETTO	70210R/R	72,2		209	139,5		199,8	34,1	4,0	229	55,0		
UI 210/72	INTERCALARE 70X72	INT7072	72,2	70,0	209	139,5	182	199,8		4,0	229			
UI 210/80	INTERCALARE 70X80	INT7080	72,2	76,0	209	139,5	188	199,8		4,0	229			
UI 210/90	INTERCALARE 70X90	INT7090	72,2	86,0	209	139,5	198	199,8		4,0	229			
UI 210/102	INTERCALARE 70X102	INT70102	72,2	98,0	209	139,5	208	199,8		4,0	229			
UI 210/110	INTERCALARE 70X110	INT70110	72,2	106,0	209	139,5	216	199,8		4,0	229			
UI 210/120	INTERCALARE 70X120	INT70120	72,2	116,0	209	139,5	226	199,8		4,0	229			
UI 210/132	INTERCALARE 70X132	INT70132	72,2	128,0	209	139,5	238	199,8		4,0	229			
UI 210/140	INTERCALARE 70X140	INT70140	72,2	136,0	209	139,5	246	199,8		4,0	229			
UI 210/....	INTERCALARE DOPPIO	INT70D	CONSENTE DI AUMENTARE A PIACERE IL PACCO LAMELLARE								4,0			20,0

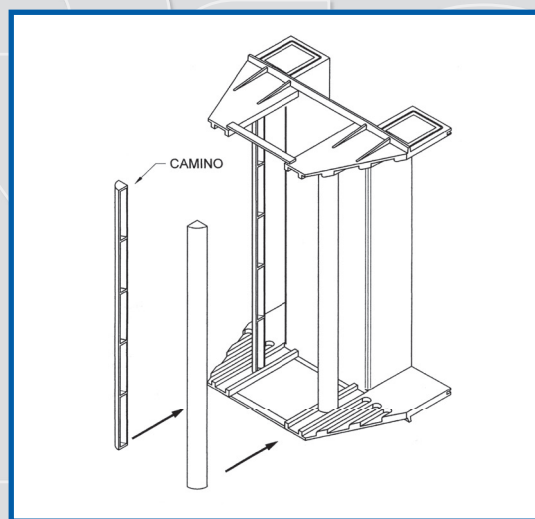
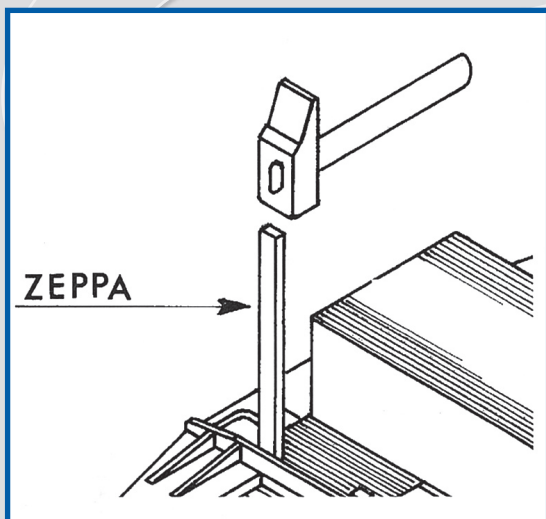
**MISURE TOTALI
SEMIROCCHETTO
+
INTERCALARE
ASSEMBLATO**

UI 240

lam.400x400

TYPE	DESCRIZIONE	REF.	A	B	C	D	E	F	H	S	L	Z	K	
UI 240	SEMIROCCHETTO	80240R/R	81,7		239	159		229	26,5	4,0	259	54,5		
UI 240/82	INTERCALARE 80X82	INT8082	81,7	62	239	159	175	229		4,0	259			
UI 240/90	INTERCALARE 80X90	INT8090	81,7	70	239	159	183	229		4,0	259			
UI 240/100	INTERCALARE 80X100	INT80100	81,7	80	239	159	193	229		4,0	259			
UI 240/110	INTERCALARE 80X110	INT80110	81,7	90	239	159	203	229		4,0	259			
UI 240/120	INTERCALARE 80X120	INT80120	81,7	100	239	159	213	229		4,0	259			
UI 240/130	INTERCALARE 80X130	INT80130	81,7	110	239	159	223	229		4,0	259			
UI 240/140	INTERCALARE 80X140	INT80140	81,7	120	239	159	233	229		4,0	259			
UI 240/150	INTERCALARE 80X150	INT80150	81,7	130	239	159	243	229		4,0	259			
UI 240/....	INTERCALARE DOPPIO	INT80D	CONSENTE DI AUMENTARE A PIACERE IL PACCO LAMELLARE								4,0			20,0

**MISURE TOTALI
SEMIROCCHETTO
+
INTERCALARE
ASSEMBLATO**



ZEPPE

TYPE	REF.	L	SPESSORE
*ZEPPA 60	ZEPPA60	174	4 ± 5,5
ZEPPA 70	ZEPPA70	204	4 ± 5,5
ZEPPA 80	ZEPPA80	234	4 ± 5,5
*ZEPPA 100	ZEPPA100	294	4 ± 5,5

CAMINI

TYPE	REF.	L	SPESSORE	
CAMINO 60	CAM 60	174	10	UI 180
CAMINO 70	CAM 70	204	10	UI 210
CAMINO 80	CAM 80	234	10	UI 210
CAMINO 100	CAM 100	294	10	UI 300

STECHE ANGOLARI E "OSSI" DI CANE (DOG'S BONE)

CARATTERISTICHE MECCANICHE

Contrazione alla rottura
Allungamento alla rottura
Modulo di elasticità

MPa 450
% 2
MPa 40000

CARATTERISTICHE ELETTRICHE

Rigidità dielettrica
- Trasversale
- Longitudinale
Fattore di dissipazione a 50Hz
Assorbimento d'acqua dopo 24 ore
Permeabilità E,50

KV/mm 12
KV/mm 50
 $13 \cdot 10^{-3}$
% 0,3
Hz 0,5

CARATTERISTICHE TERMICHE

Temperatura limite - classe H -
Coefficiente di dilatazione lineare

°C 180
mm/M*°C $8 \cdot 10^{-6}$

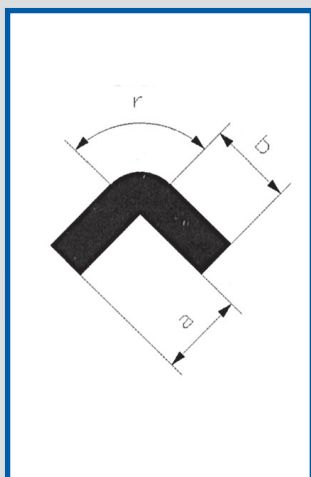
Massa di volume

g/cm³ 2,0

ALTRE

Percentuale di fibra vetro

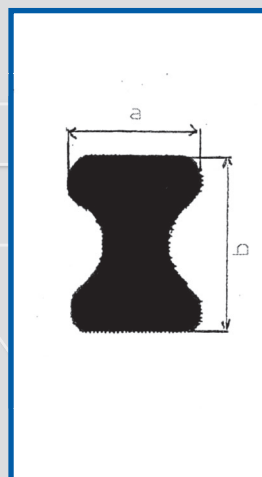
% 60-70



STECHE ANGOLARI

REF.	a mm	b mm	raggio r mm
STE 6X6	6	6	6
STE 8X8	8	8	16
STE 10X10	10	10	11
STE 12X12	12	12	13

IN STECCE mt. 2,0 / 2,5

PROFILI CLASSE H180°
(DOG BONE)

REF.	a mm	b mm
PRO 6X8	6	8
PRO 10X8	8	10
PRO 10X12	10	12
PRO10X14	10	14
PRO 12X16	12	16
PRO14X18	14	18
PRO 16X20	16	20

ROCCHETTI CON FLANGE A ELEMENTI COMPOSTI

Tipo RT Non impregnati

Rocchetti eseguiti con cartone speciale di pura cellulosa fortemente pressato.

Flange rigidamente connesse al corpo, in grado di sostenere la spinta esercitata dall'avvolgimento.

Le flange possono essere corredate di finestrate e di terminali di ancoraggio.

Tipo RTV Impregnati

Rocchetti di cartone come sopra ma impregnati con vernice isolante

Tipo RKV Rocchetti in tela vetro impregnata

Misure

Sezione minimo 3 x 3 mm lunghezza max 100 mm
Sezione max 500 x 500 mm lunghezza max 600 mm

Foro minimo $\varnothing 3$ mm lunghezza max 100 mm
Foro max. $\varnothing 300$ mm lunghezza max 600 mm.

CARCASSES AVEC JOUSES A ELEMENTS COMPOSES

Type RT Non imprégnés de peinture

Il s'agit de bobines produites en carton special de pure cellulose fortement pressée.

Joues rigidement reliées au corp, capables de soutenir la poussée exercée par l'enroulement.

Ces joues peuvent être équipées d'ouvertures et de picots de fixation.

Type RTV Imprégné de peinture

Bobines de carton, comme ci-dessus. mais imprégnées de peinture isolante

Type RKV Bobines en tissu de verre stratifié

Dimension

Section minimal 3 x 3 mm, longueur maximale 100 mm.
Section maximal 500 x 500 mm. longueur maximale 600 mm.

Trou minimal $\varnothing 3$ mm. longueur maximale 100 mm.
Trou maximal $\varnothing 300$ mm. longueur maximale 600 mm.

BUILT-UP FLANGED BOBBINS

Type RT Non impregnated

Bobbins made of highly dense special pure cellulose board. Flange rigidly connected to the body able to resist the pressure used during winding.

The flanges can be supplied with windows and anchorage terminals

Type RTV Impregnated

Cardboard bobbins as above but impregnated with insulating varnish

Type RKV Bobbins made of impregnated fibre glass cloth

Dimensions

Minimum section 3 x 3 mm length max 100 mm
Maximum section 500 x 500 mm length max 600 mm

Minimum section $\varnothing 3$ mm length max 100 mm
Maximum section $\varnothing 300$ mm length max 600 mm

SPULENKÖRPER MIT FLANSCHEN AUS ZUSAMMENGESETZTEN ELEMENTEN

Type RT Nicht imprägniert

Spulenkörper sind produziert mit Zellulose-Karton sehr gepresst

Flansche fest am Körper eingesetzt und in der Lage, dem von der Spüle ausgeübtem Druck zu widerstehen

Die Flansche können mit Oeffnungen oder Verankerungen geliefert werden

Type RTV Imprägniert

Kartonspulenkörper wie oben aber mit Isolierlack imprägniert

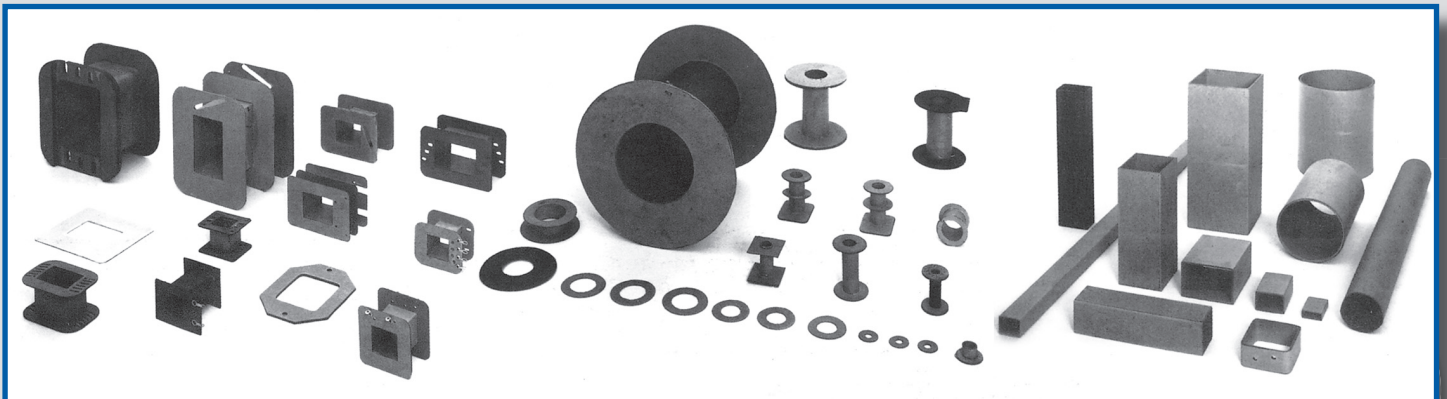
Type RKV

Spulenkörper aus imprägnierten Glastuch

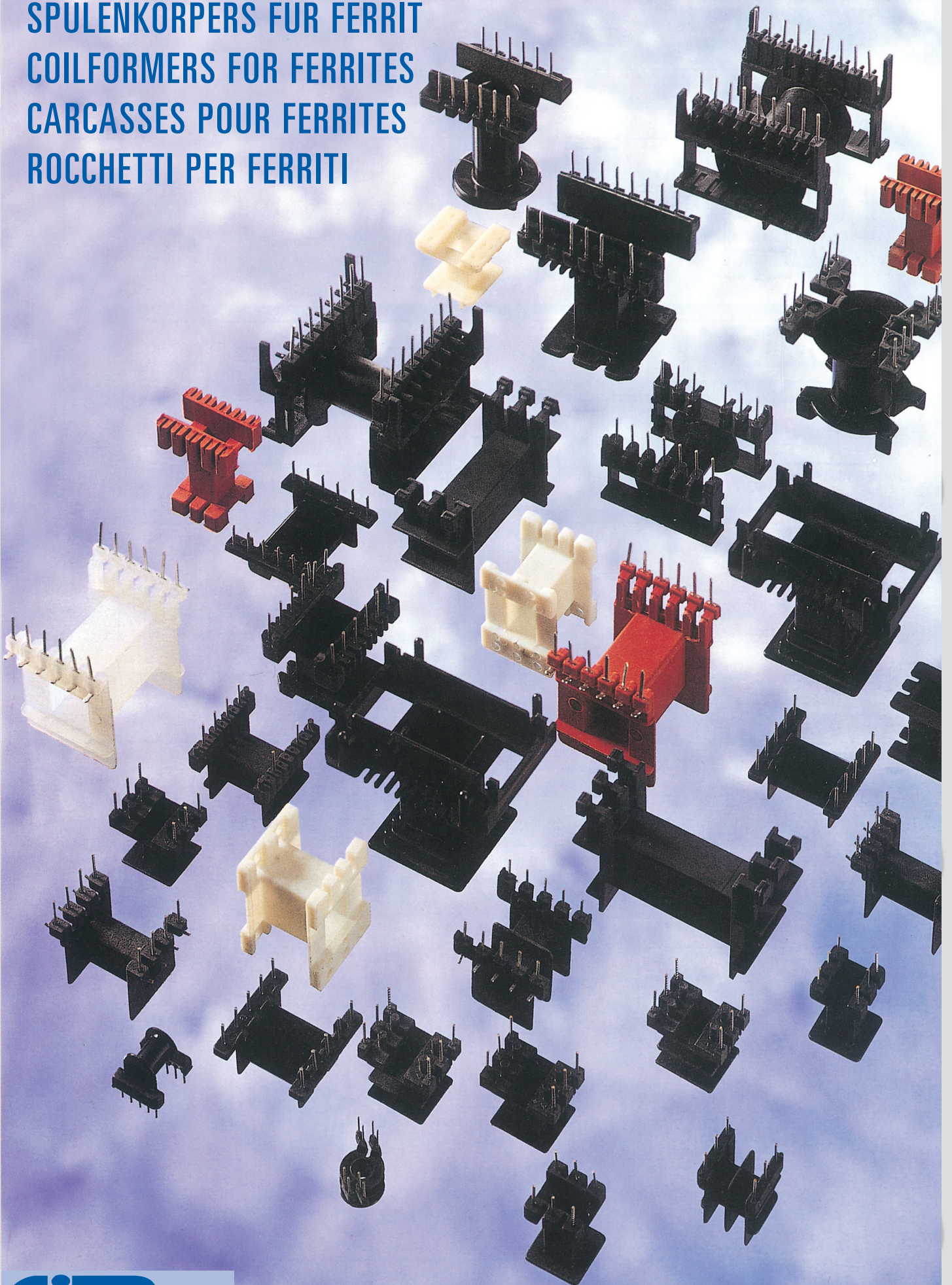
Abmessungen

Mindestöffnung 3x3 mm mit max Länge 100 mm.
Lax Oeffnung 500 x 500 mm mit max Länge 600 mm.

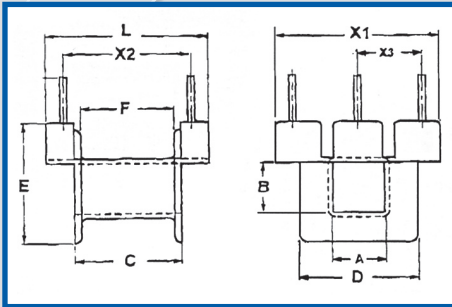
Mindestausschnitt $\varnothing 3$ mm mit max. Länge 100 mm.
Höchstausschnitt $\varnothing 300$ mm mit max. Länge 600 mm.



SPULENKORPERS FÜR FERRIT
COILFORMERS FOR FERRITES
CARCASSES POUR FERRITES
ROCCHETTI PER FERRITI

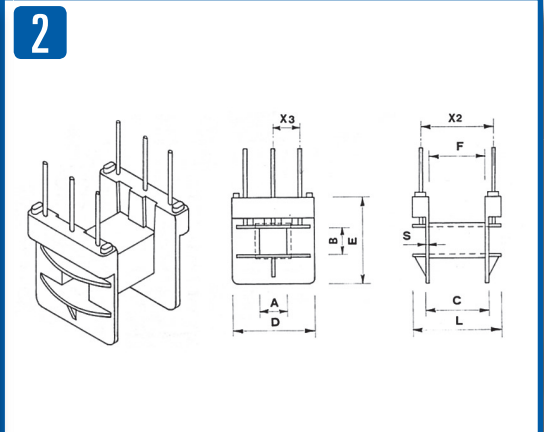
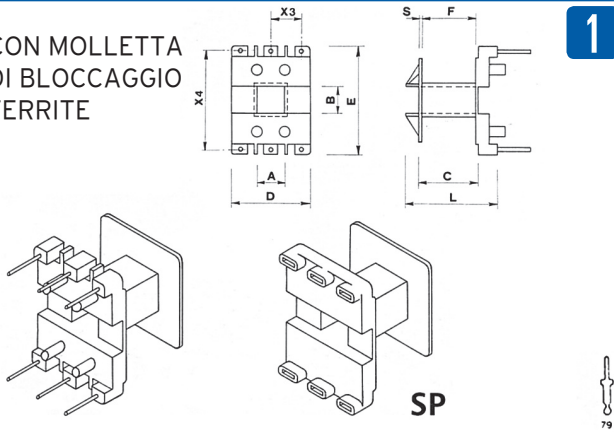


EF 12



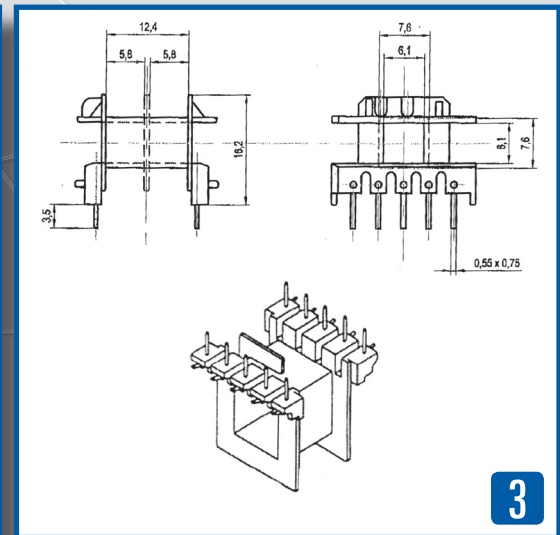
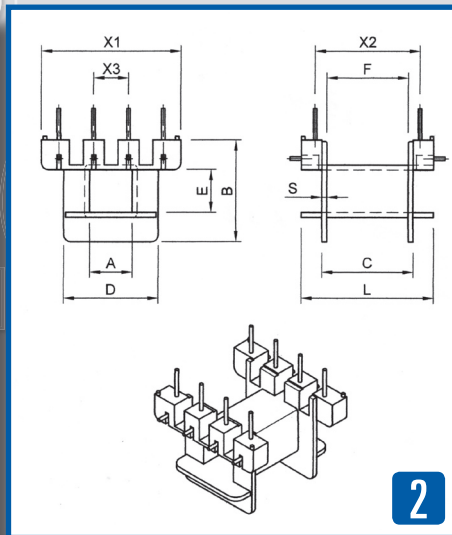
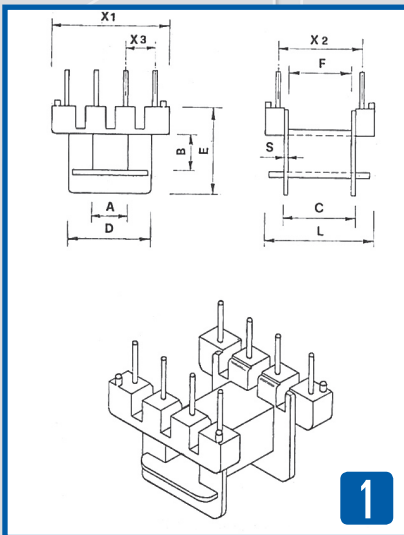
TYPE	REF.	A	B	C	D	E	F	x1	x2	x3	L	numero term.
EF 12/6 orizzontale	EF 120/6	3,9	3,9	8,5	8,7	9,5	7,2	12,7	10,0	5	12,7	2x3

CON MOLLETTA
DI BLOCCAGGIO
FERRITE



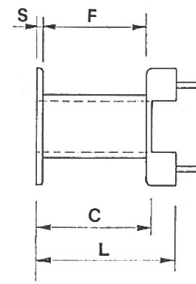
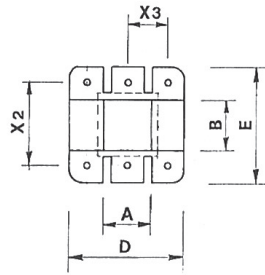
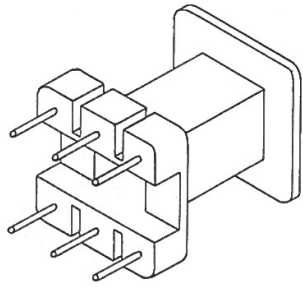
EE 19

TYPE	REF.	a	b	c	d	e	f	g	h	x2	x3	x4	S	L	numero term.	DESEGNO
E 19V verticale	E 19V/1-2	5,3	5,3	10,8	14,5	20,0	9,8	4,5	4,5		5,5	18,5	0,5	16,5	2x3	1 con PINS 0,8
E 190 orizzontale	E 190/1-2	5,3	5,3	10,8	14,5	16,2	9,8	4,4	4,4	12,5	5,0		0,6	16,5	2x3	2 con PINS 0,8
E 19V verticale	E 19V/ISP	5,3	5,3	10,8	14,5	20,0	9,8	4,5	4,5		5,5	18,5	0,5	16,5	2x3	1



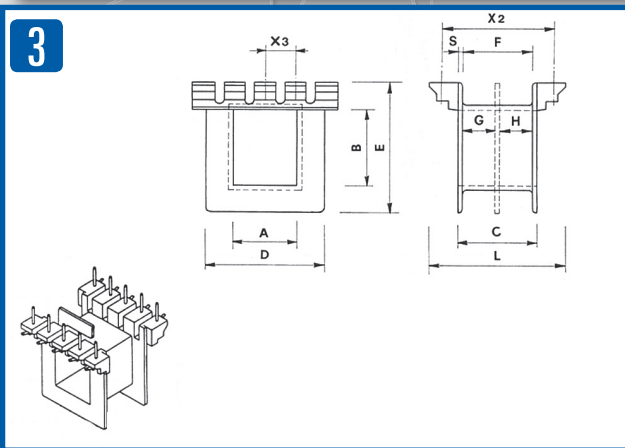
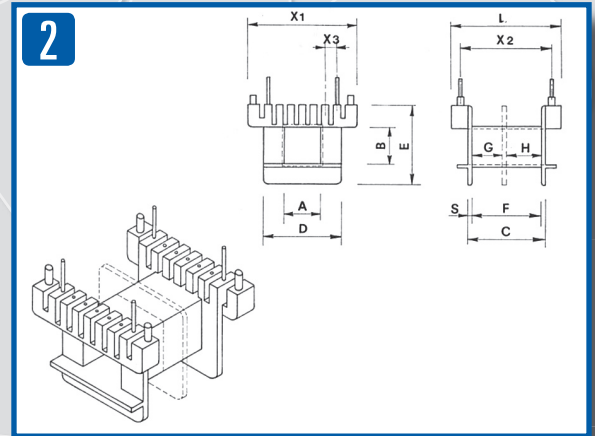
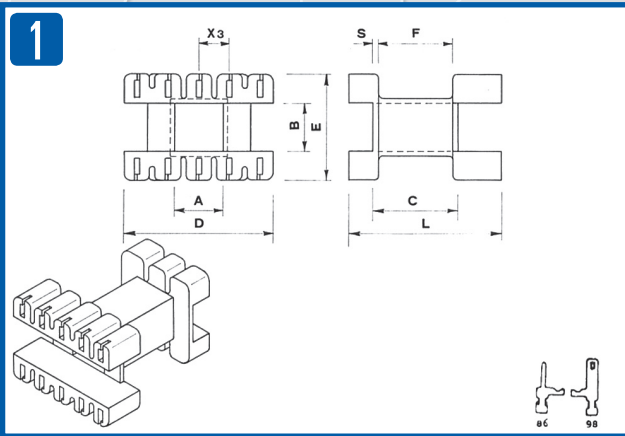
EE 20

TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	S	L	numero term.	DESEGNO
EE 20/8 orizzontale	EE 20/8/1-2	6,1	6,1	13,5	13,6	14,5	12,4	5,8	5,8	20	15,2	5	0,7	19,4	2x4	1
EE 20/8 orizzontale	EE 20/8/1-2A	6,1	6,1	13,5	13,6	14,5	12,4	5,8	5,8	20	15,2	5	0,7	19,4	2x4	2
EE 20/10 orizzontale	EE 20/10/1-2	6,1	6,1	13,5	13,6	14,5	12,4	5,8	5,8	20	15,2	3,81	0,7	21,0	2x5	3

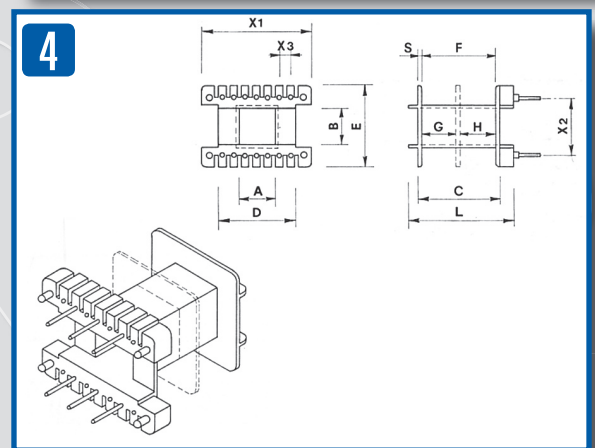


EE 20

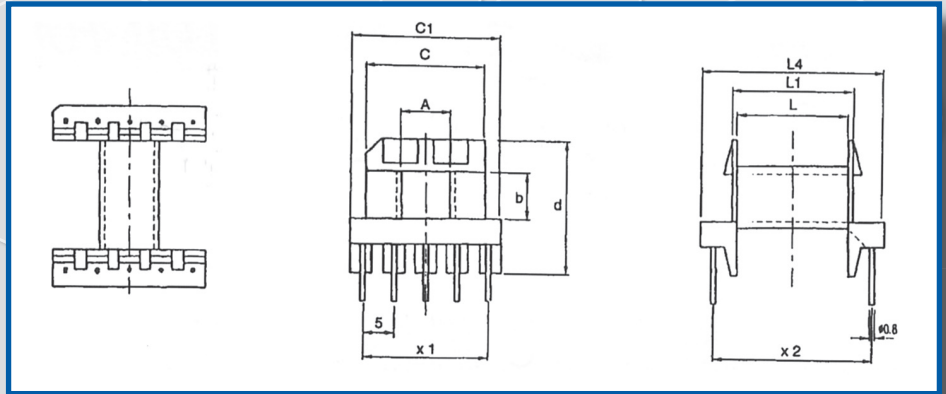
TYPE	REF.	a	b	c	d	e	f	x2	x3	S	L	numero term.
EE 20 verticale	EE 20V	6,2	6,2	13,7	14	14	12,5	10	5	0,6	16,7	2x3



EE 25

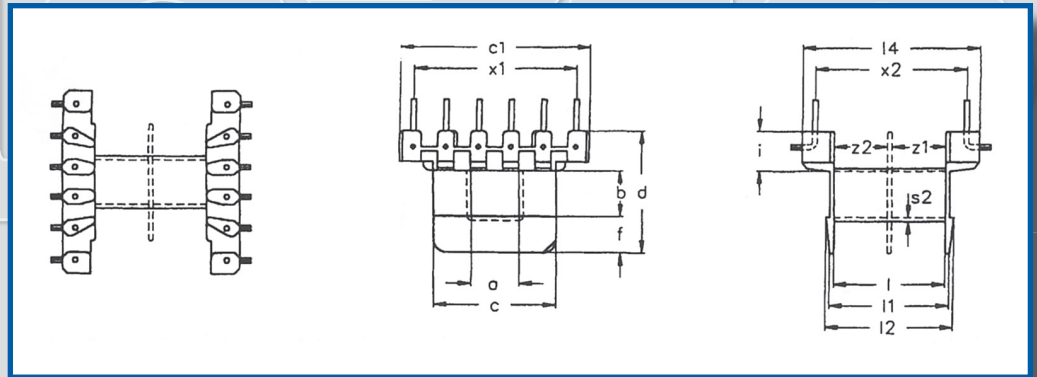


TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	S	L	numero term.	DISEGNO
E 25 verticale	E25V/1	8,0	8,0	17,0	17,0	17,5	15,4			24,3	12,5	5,0	0,8	28,2	2x5	1
E 25 orizzontale	E2550/1-2	7,8	7,8	17,2	17,0	17,6	15,6	7,4	7,4	24,0	20,0	2,5	0,8	24,0	2x9	2*
E 25 orizzontale	E250/1-2	7,7	7,7	18,0	17,0	20,0	16,4	7,8	7,8	25,0	20,0	5,0	0,8	23,0	2x5	3*
E 25 verticale	E255V/1-2	7,7	7,7	17,4	17,0	18,0	15,9	7,5	7,5	24,3	13,0	2,5	0,75	23,0	2x7	4*



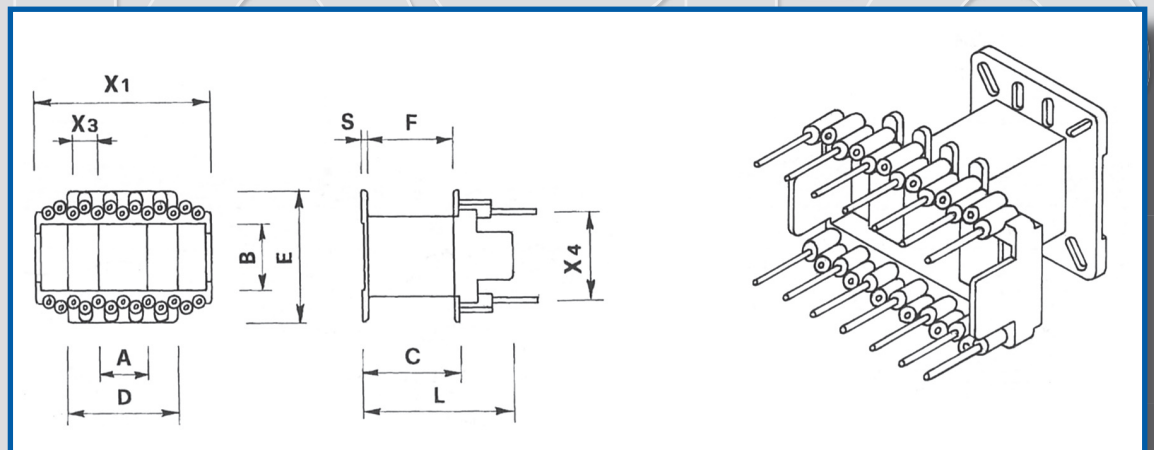
EE 30

TYPE	REF.	a	b	c	c1	d	L	L1	L4	x1	x2
E 30/10 orizzontale	E300/1-2/10	7,7	7,7	19,0	24,0	19,0	17,1	18,9	29,0	20,0	25,2



EE 30

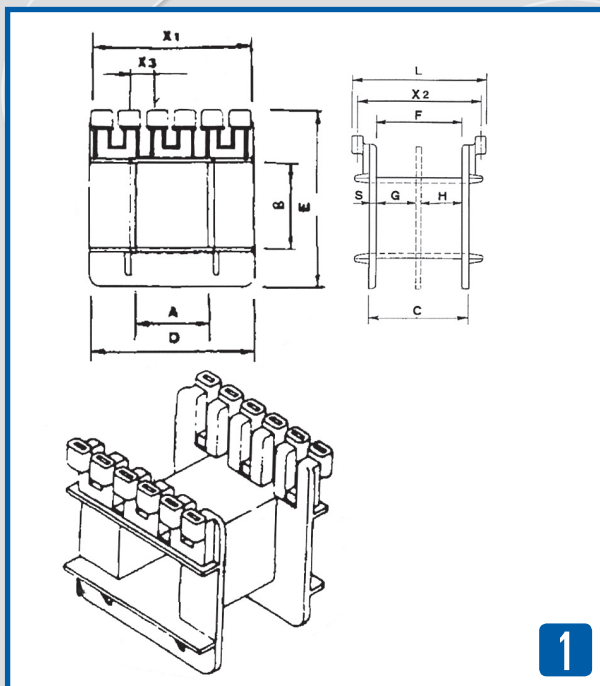
TYPE	REF.	a	b	c	d	e	f	l	L	L1	L2	L4	S2	Z1	Z2	x1	x2
E 30/12 orizzontale	E300/1-2/12	7,5	7,5	19,1	29,5	19,5	5,7	6,3	17,3	19,0	19,8	27,7	0,85	8,15	8,15	20,25	25,0



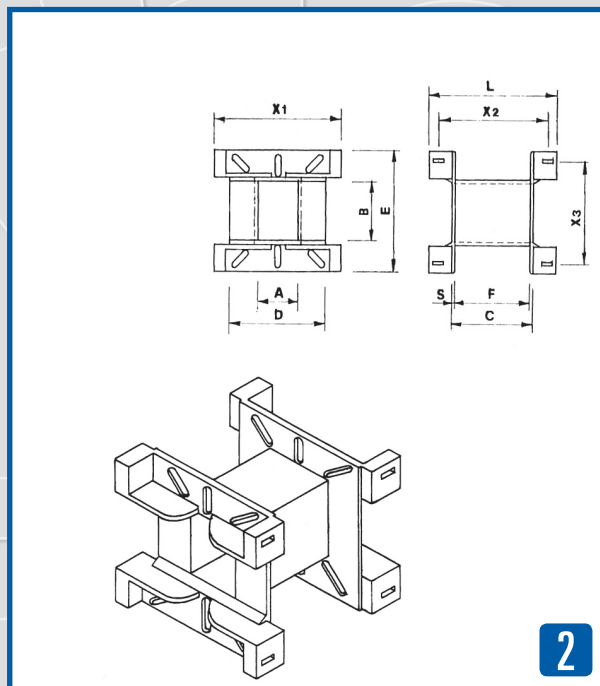
EE 32

TYPE	REF.	a	b	c	d	e	f	x1	x3	x4	S	numero term.	DISPONIBILE CONTENITORE
E 32 verticale	E 325V/1	9,5	13	19	21,8	25,6	17	35,4	5	17 19,5	1	2x7 2X6*	DISPONIBILE CONTENITORE

* SU RICHIESTA



1



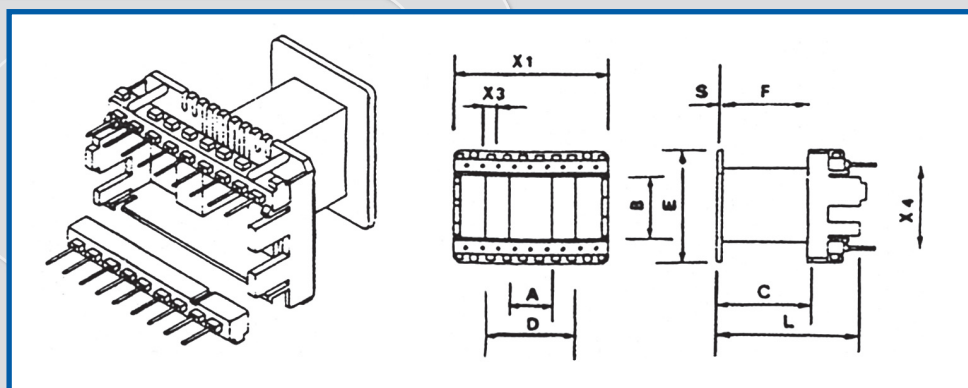
2

EE 32

EE 42

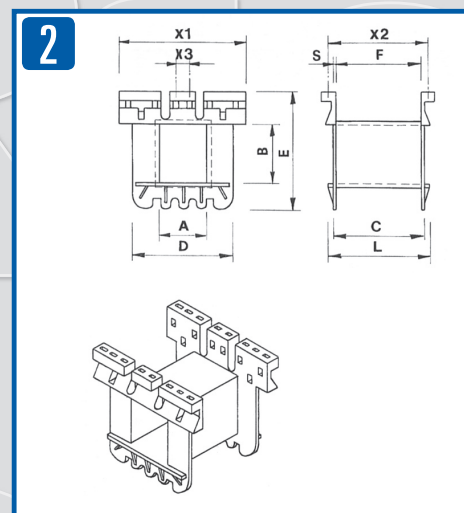
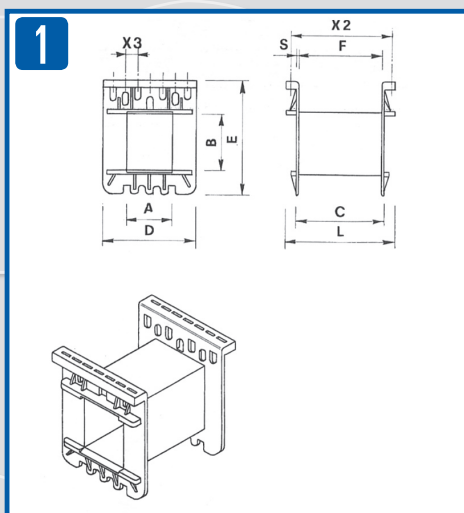
EE 32

TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	S	L	numero term.	DISEGNO
E 32 orizzontale	E320/ISP	9,3	13,2	19	21,7	27,0	17,5			29,0	25,0	22,5	0,65	28,8	2x2	2
E 32 orizzontale	E320/1-2	10,0	13,0	19	22,0	30,5	17,4	7,4	9,2	30,0	27,5	5	0,8	30,5	2x6	1
E 42/15 orizzontale	E42/150/1-2	13,2	15,7	28	29,3	34,0	25,8	10,9	14,2	30,0	35,5	5	1	37,4	2x6	1



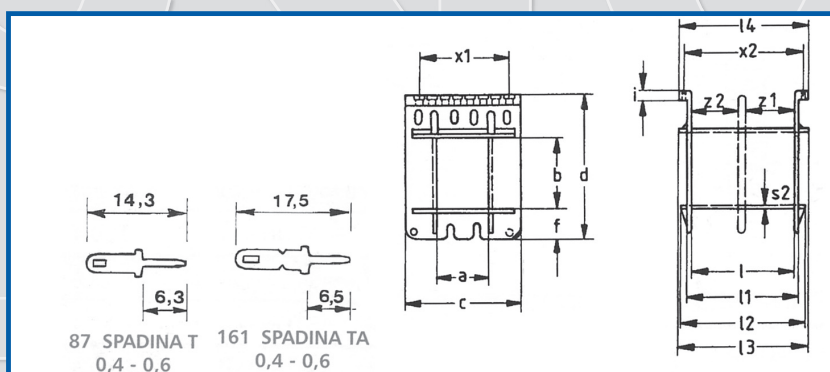
EE 42

TYPE	REF.	a	b	c	d	e	f	g	h	x1	x2	x3	x4	z1	S	L	numero term.
E 42/15 verticale	E42/15V/1	12,8	15,5	29	28	36,7	26			47,3		5	22	1,5		44,3	2x9
E 42/20 verticale	E42/20V/1	12,8	20,5	29	28	36,7	26			47,3		5	27	1,5		44,3	2x9
STRIP	STRIP E42	STRIP CON NOVE TERMINALI INSERITI														2x9	



EE 55

TYPE	REF.	a	b	c	d	e	f	x1	x2	x3	S	L	numero term.	DISEGNO
E 55/21	E 55/21,7/8	17,7	22	35,2	36,7	43,6	33,2	47	40	5,08	1	40,5	2x8	2
E 55/21	E 55/21,7/7	17,7	22	35,5	37,0	43,8	33,5	37	40	5,08	1	43,4	2x7	1
E 55/27	E 55/27,7/7	17,7	28	35,5	37,0	49,5	33,5	37	40	5,08	1	43,4	2x7	1

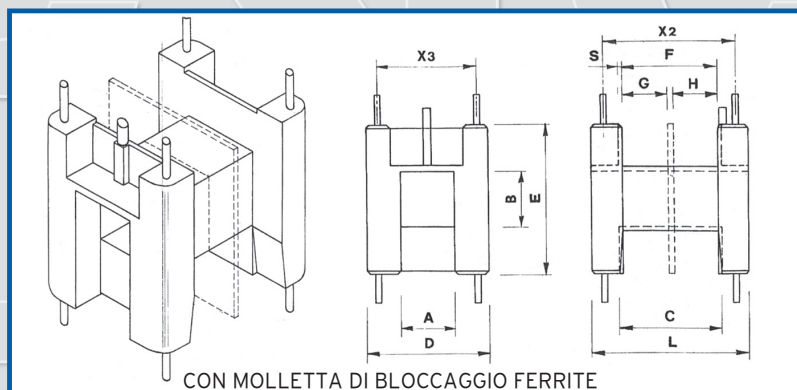


EE 65

EE 70

TYPE	REF.	a	b	c	d	f	l	L	L1	L2	L3	L4	S2	Z1	Z2	x1	x2	x3
E 65/27,8	E 650	20,6	27,8	44,0	54,0	11,5	3,5	39,0	42,0	47,0	48,5	48,5	1,3	18,9	18,9	7x5	45,0	2x8
E 70/32,7 gS	E 700	23,4	32,7	46,0	58,0	12,0	3,5	38,5	41,5	47,5		53,5	1,1	18,5	18,5	8x5	50,0	2x9

ROCCHETTO PER FERRITE UU

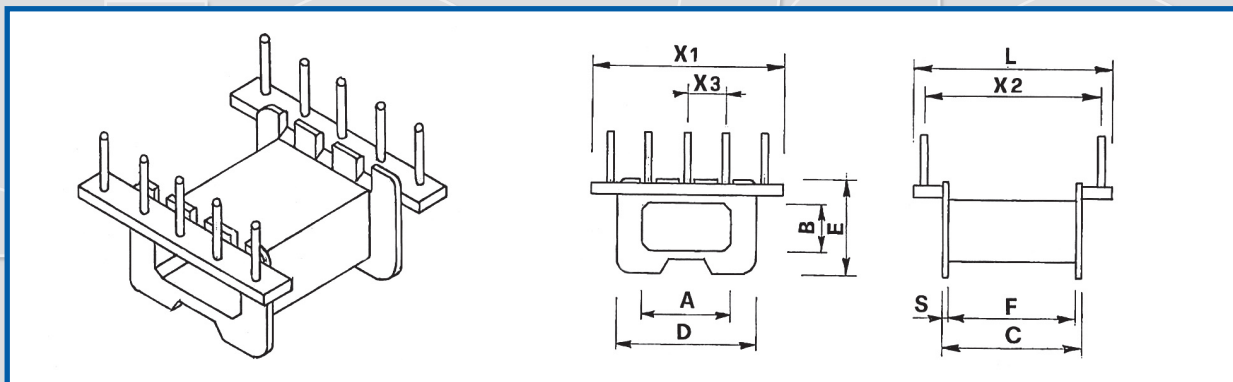


GUP 15

GUP 20

TYPE	REF.	a	b	c	d	e	f	g	h	x2	x3	S	L	numero term.
GUP 15 Orizzontale *	GUP15/1-2	7,2	5,7	11,4	16,3	16,5	10,0	4,6	4,6	15	13	1,0	18,4	2x4 *
GUP 20 Orizzontale *	GUP20/1-2	8,1	8,1	16,0	18,6	22,1	14,7	6,9	6,9	20	15	0,7	24,2	2x4 *

* DISPONIBILE CLIP IN TERMO PLASTICO BLOCCAGGIO FERRITE

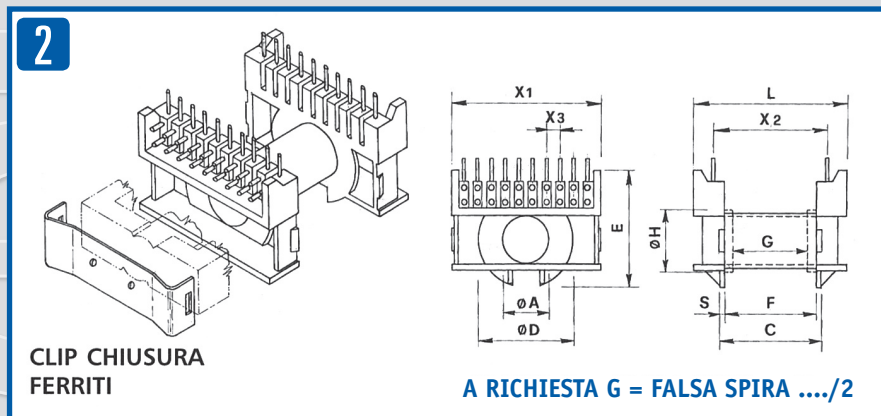
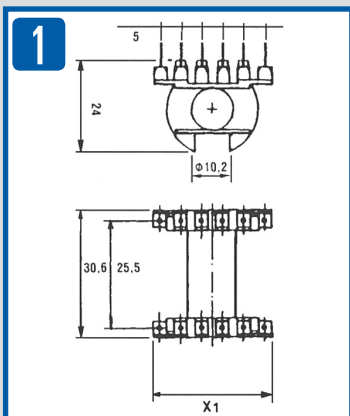


EFD

TYPE	REF.	a	b	c	d	e	f	x1	x2	x3	S	L	Ø PIN	numero term.	CLIPS
EFD	EFD 15/1	5,8	2,8	10,2	10,5	8,0	9,0	15	13,7	3,7	0,6	16,5	0,8	2x4	■
EFD	EFD 20/1	9,0	4,0	14,7	15,0	10,0	13,5	20	17,5	5	0,6	20,0	0,8	2x4	■
EFD	EFD 25/1	12,0	6,5	17,7	18,0	12,0	16,5	25	22,5	5	0,6	26,0	0,8	2x5	■
EFD	EFD 30/1	15,0	5,5	21,5	21,5	12,3	20,3	30	27,5	5	0,6	31,0	0,8	2x6	■

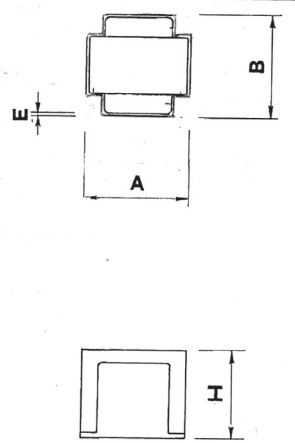
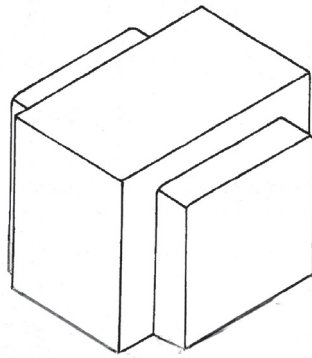
TYPE	REF.	CLIP PER CHIUSURA FERRITI	
EFD 15	CLIFEFD 15		
EFD 20	CLIFEFD 20		
EFD 25	CLIFEFD 25		
EFD 30	CLIFEFD 30		

ROCCHETTI PER FERRITI SERIE ETD



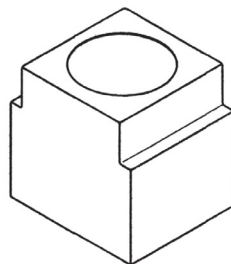
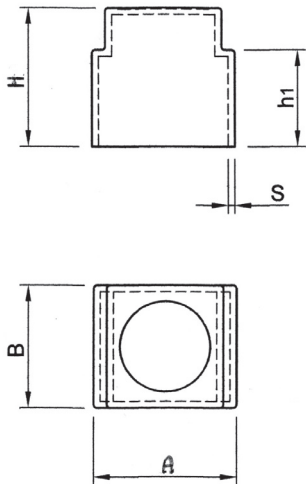
TYPE	REF.	a	c	d	e	f	g	l	s	x1	x2	x3	Ø PIN	numero pins	CLIPS	DISEGNO
ETD 2901	ETD 2901/1	10,2	21,5	21,5	21,0	20,0		35,0	1,0	35,5	26,0	3,7	0,8	1x7 1x6	■	2
ETD 3401	ETD 3401/1	11,5	25,0	25,0	34,5	21,5	15,5	42,0	1,2	39,5	25,0	5	0,8	2x7	■	2
ETD 3901	ETD 3901/1	13,0	28,8	28,8	37,0	26,4	20,4	46,8	1,3	44,4	30,5	5	0,8	2x8	■	2
ETD 4401	ETD 4401/1	15,5	32,0	32,0	40,0	30,0	24,0	51,7	1,3	50,0	35,5	5	0,8	2x9	■	2
ETD 4901	ETD4901/1	17,0	36,0	36,0	42,5	33,0	27,5	57,0	1,3	54,0	40,0	5		2x10	■	2
ETD 34	ETD34CR/1	10,2	21,5	21,5	24,0	20,0		30,5	1,0		25,5	5	0,8	2x6		1

TYPE	REF.	CLIP PER CHIUSURA FERRITI	
ETD 29	CLIPETD 29		
ETD 34	CLIPETD 34		
ETD 39	CLIPETD 39		
ETD 44	CLIPETD 44		
ETD 49	CLIPETD 49		

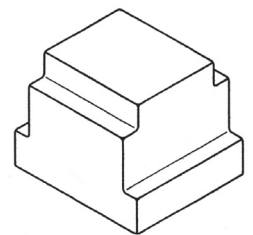
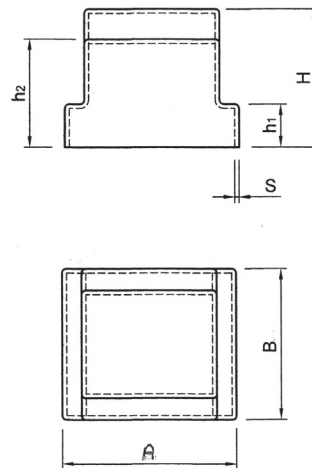


TYPE	REF.	A	B	H	E
EE19	SVE19	20,5	14	19,0	0,75
EE25	SVE25	29,0	27,5	32,0	1,0
EE32	SVE32	37,3	27,3	34,4	0,75
EE42/15	SVE42/15	48,5	39,5	50,0	1,0
EE42/20	SVE42/20	48,5	39,5	52,0	1,0

CONTENITORI PER FERRITI ORRIZONTALI

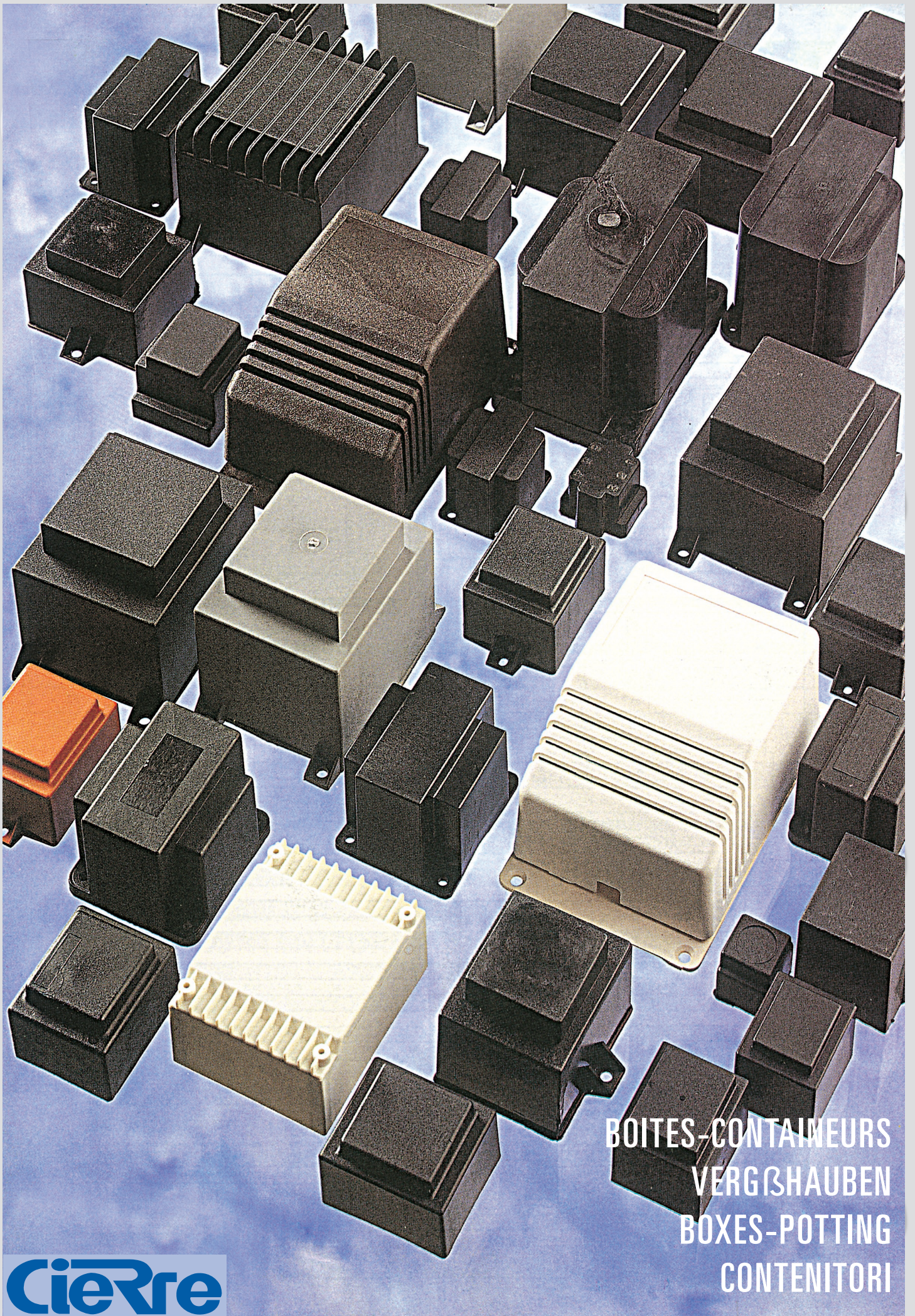


1



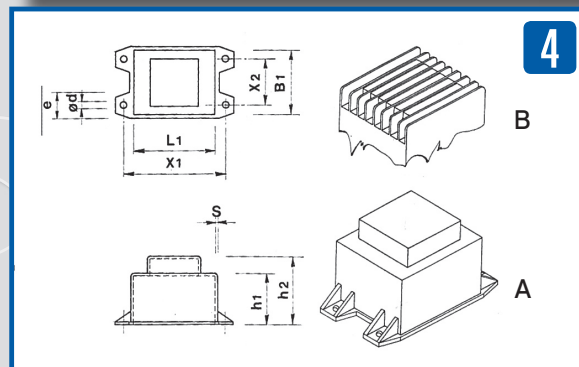
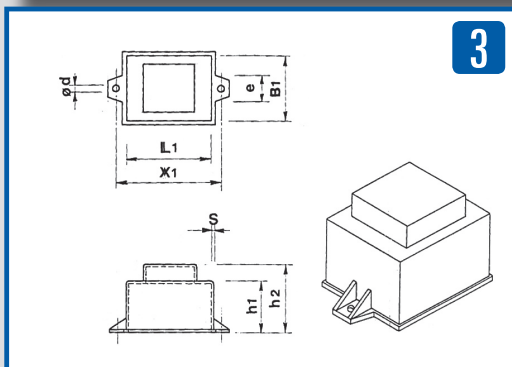
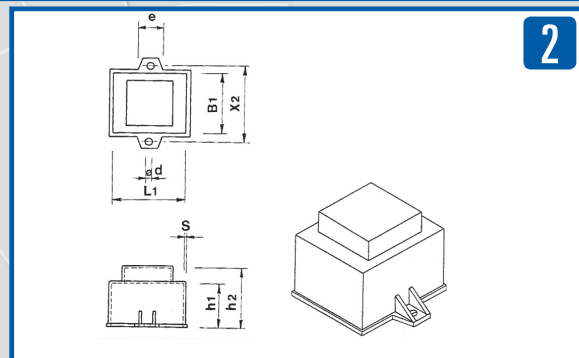
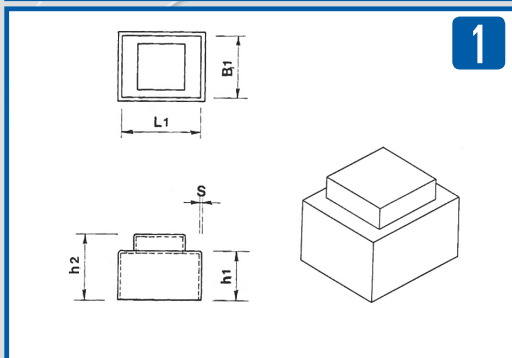
2

TYPE	REF.	A	B	H	S	disegno
EE12,5	SOE12,5	14,5	16,5	12,0	1	1
EE19	SOE19	16,5	20,0	21,0	1	1
EE20	SOE20	20,3	20,2	15,5	1	1
EE30	SOE30	30,1	33,2	20,8	1	1
EE32	SOE32	33,5	38,0	32,0	1	2



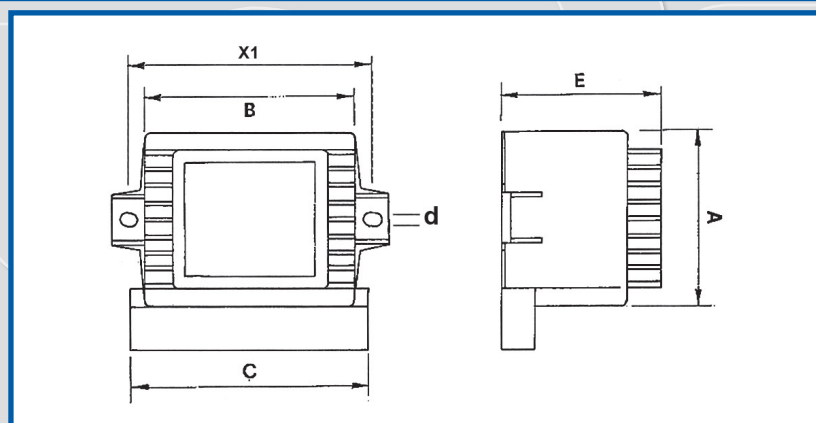
BOITES-CONTAINEURS
VERGÜSHAUBEN
BOXES-POTTING
CONTENITORI





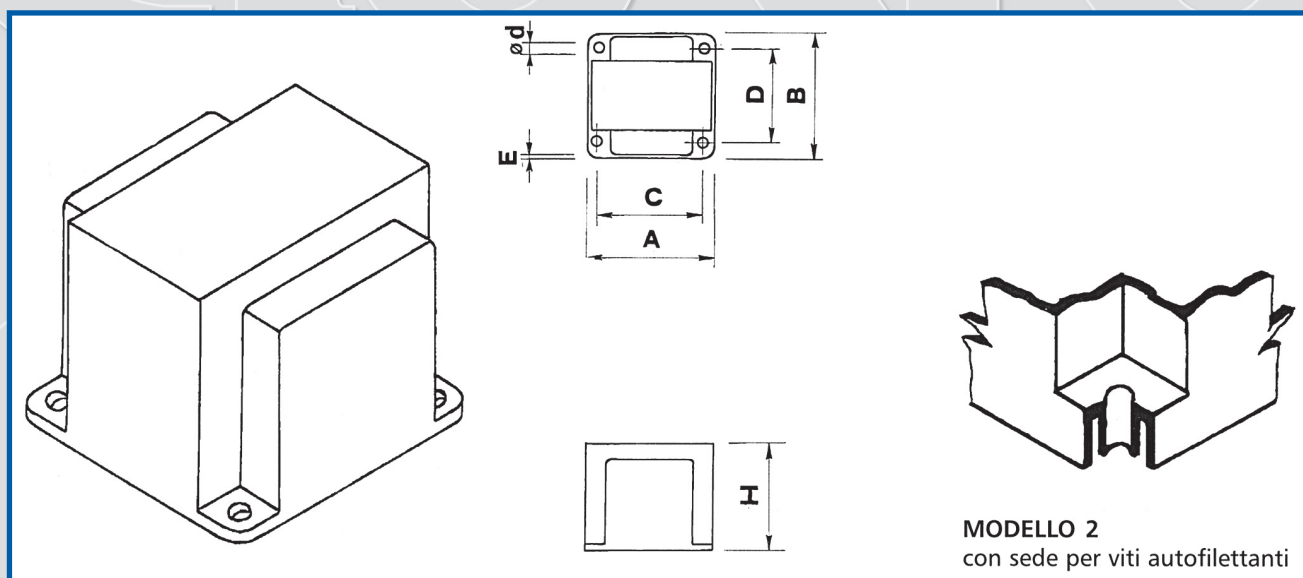
TYPE	REF.	B1	L1	h1	h2	s	c	d	e	x1	x2	MODELLO
EI 27X33	SO 10X10	28,5	34,5	20,7	26,1	1,1						1
EI 25X30	SO 10X10T	27,3	32,4	17,8	21,8	1,2						1
EI 25X30	SO 10X12T	27,3	32,4	19,8	23,8	1,2						1
EI 27X33	SO 10X15	28,0	34,0	25,4	30,5	1,2						1
EI 25X30	SO 10X15T	27,3	32,4	22,8	26,8	1,2						1
EI 25X30	SO 10X18T	27,5	32,4	25,8	29,8	1,2						1
EI 32X38	SO 13X13T	33,0	39,0	22,5	28,0	1,3						1
EI 34X40	SO 13X13	35,5	41,5	25,0	31,5	1,3		3	13,5	51,0		1-3
EI 34X40	SO 13X15	35,5	41,5	27,0	33,5	1,3		3	13,5	51,0		1-3
EI 34X40	SO 13X20	36,0	42,0	31,5	38,7	1,3		3	13,5	51,0		1-3
EI 35X42	SO 14X14	36,0	43,0	26,3	32,5	1,3		3	14,0	55,0		3
EI 40X48	SO 16X16	41,3	49,5	31,0	38,7	1,3		4	15,5	60,5	52	1-2-3
EI 40X48	SO 16X20	41,3	49,5	35,5	42,7	1,3		4	15,5	60,5	52	1-2-3
EI 40X48	SO 16X25	41,3	49,5	39,5	47,2	1,3		4	12,0	60,5	52	1-2-3
EI 45X54	SO 18X18	46,0	55,0	32,5	41,0	1,3		3	14,0	68,5		1-3
EI 45X54	SO 18x28	47,0	55,3	42,3	51,3	1,4		4	14,0	68,5		3
EI 50X60	SO 20X20	51,2	61,2	38,2	47,4	1,4		4	10,0	72,5	43,5	4A
EI 50X60	SO 20X25	51,2	61,2	42,5	51,5	1,4		4	10,0	72,5	43,5	4A
EI 50X60	SO 20X30	51,2	61,2	51,0	56,0	1,4		4	10,0	72,5	43,5	4A
EI 55X66	SO 22X22	56,0	67,0	41,0	56,0	1,5		4	10,0	79,0	48,0	4A
EI 55X66	SO 22X25	56,0	67,0	44,0	59,0	1,5		4	10,0	79,0	48,0	4A
EI 55X66	SO 22X30	56,0	67,0	49,0	64,0	1,5		4	10,0	79,0	48,0	4A
EI 55X66	SO 22X35	56,0	67,0	54,0	69,0	1,5		4	10,0	79,0	48,0	4A
EI 62,5X75	SO 25X25	64,8	77,3	47,0	58,8	1,7		4	11,0	90,5	56,5	4B
EI 62,5X75	SO 25X30	64,8	77,3	52,0	64,8	1,7		4	11,0	90,5	56,5	4B
EI 62,5X75	SO 25X40	64,8	77,3	57,0	75,0	1,7		4	11,0	90,5	56,5	4B

NOTA: NELL'ORDINE INDICARE IL NUMERO DEL DISEGNO

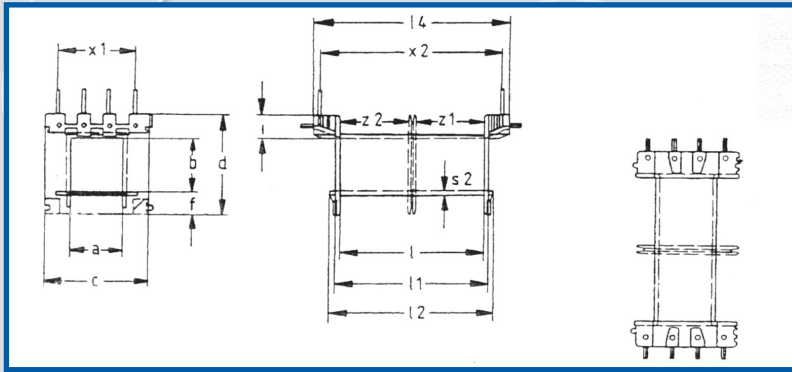


TYPE	REF.	A	B	C	E	S	d	x1
EI 34X40	SO 13X15CM	36,0	42,0	50	33,5	1,3	3	51,0
EI 34X40	SO 13X20CM	36,0	42,0	50	38,7	1,3	3	51,0
EI 62,5X75	SO 25X30 CM	64,0	77,3	77,0	75,0	1,3	4	90,5

CONTENITORI TIPO VERTICALE



TYPE	REF.	a	b	c	d	e	Ød	h
EI 27X33	SV 10X10	38	31	32	20	1,4	3,5	30,3
EI 27X33	SV 10X15	38	35	32	25,5	1,4	3,5	30,3
EI 34X40	SV 13X15	44,5	37,3	36	25,5	1,1	3,5	37,7
EI 40X48	SV 16X16	53,5	42,0	43,5	29,5	1,5	3,5	44,0
EI 40X48	SV 16X20	53,3	45,5	43,5	36,5	1,5	3,5	44,5
EI 40X48	SV 16X25	53,8	51,2	43,8	41,2	1,5	3,5	44,5
EI 58X68	SV 22X25	76,0	54,0	62,5	42,5	1,5	3,5	63,0



UI 30

MODELLO PER CIRCUITO STAMPATO CON
8 PIEDINI TRANCIATI SALDABILI.

MODEL FOR PRINTED CIRCUITS WITH 8
MOLDED SOLDERIG PINGS.

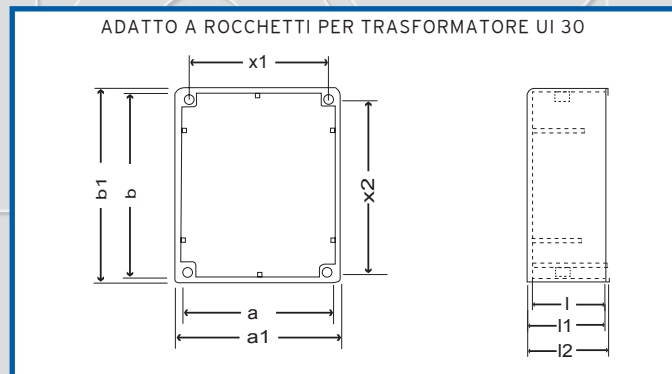
TYPE - TYPE

DIMENSIONI - DIMENSION (mm)

	KA	A	B	C	D	F	I	L	L ₁	L ₃	L ₄	S ₂	Z ₁	Z ₂	X ₁	X
UI 30/16.5 (8pins)	1-2	10,4	16,5	20,0	25,6	4,4	4,7	28,0	29,6	31,2	38,0	0,9	13,3	13,3	3X5	35,0

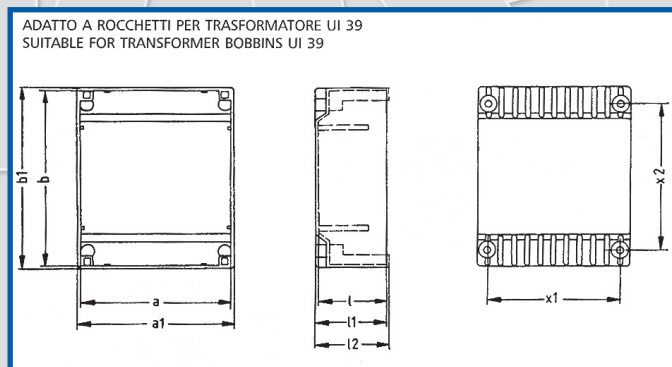
SCATOLINO PER BASSO PROFILO

UI 30

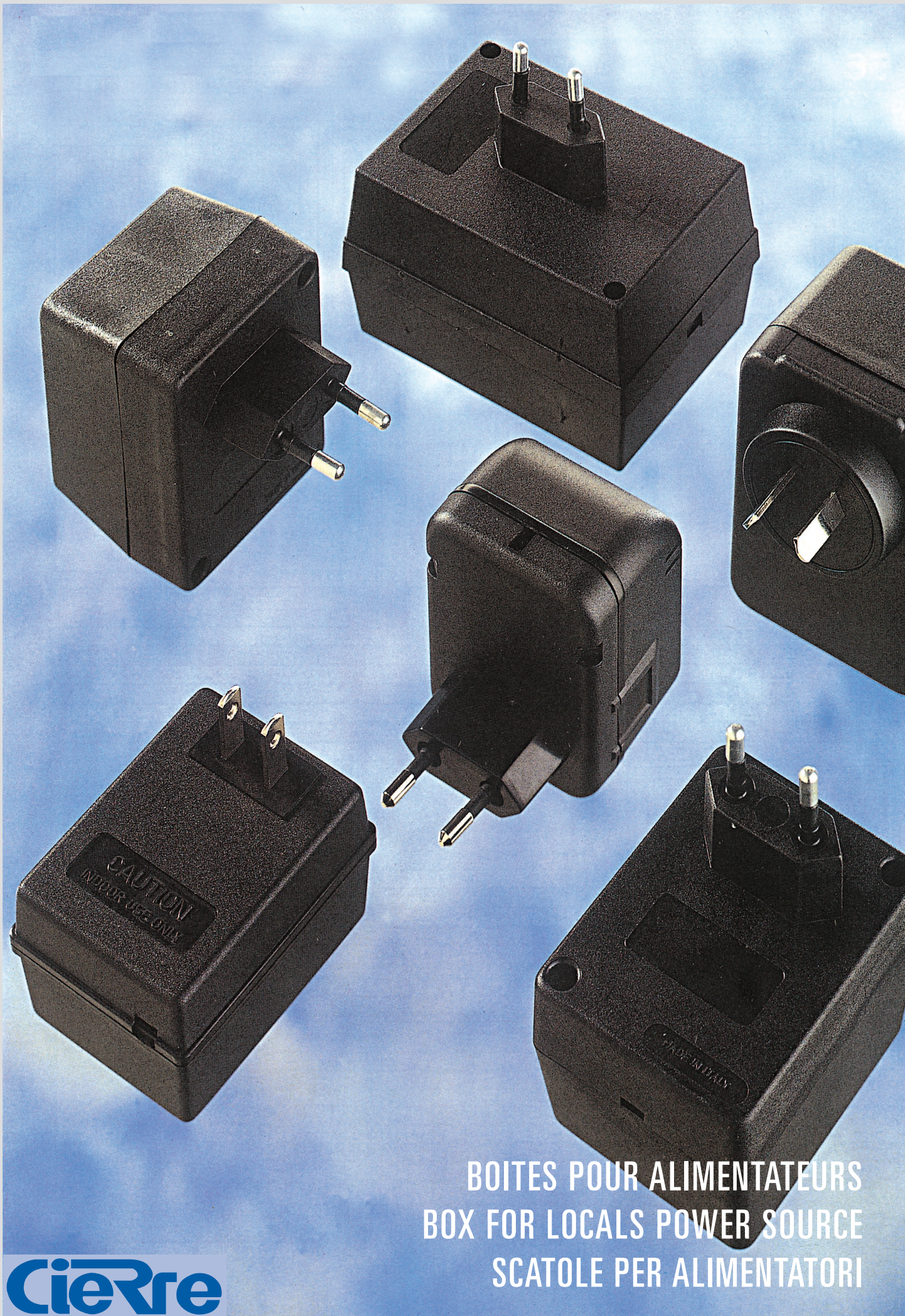


TYPE	a	a1	b	b1	l	l1	x1	x2
SO UI 30/5,5	41,8	44,0	50,8	53,0	15,7	16,8	37,5	47,5
SO UI 30/7,5	41,8	44,0	50,8	53,0	17,7	18,8	37,5	47,5
SO UI 30/10,5	41,8	44,0	50,8	53,0	20,7	21,8	37,5	47,5
SO UI 30/16,5	41,8	44,0	50,8	53,0	26,7	27,8	37,5	47,5

UI 39

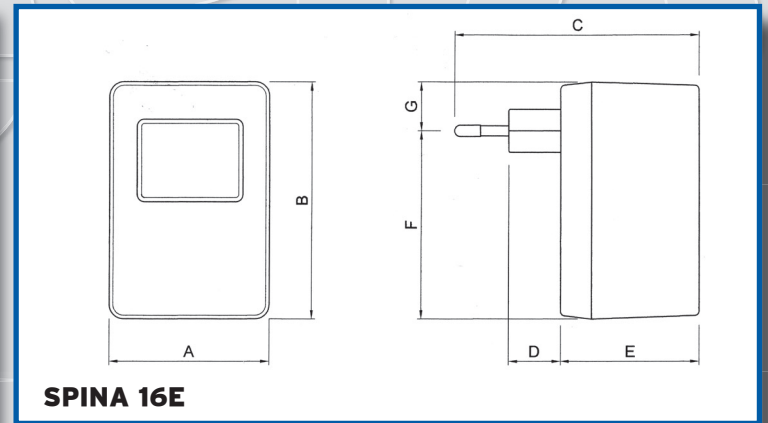
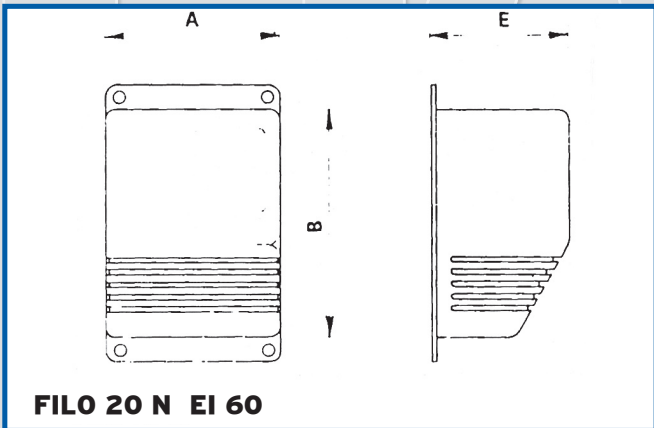
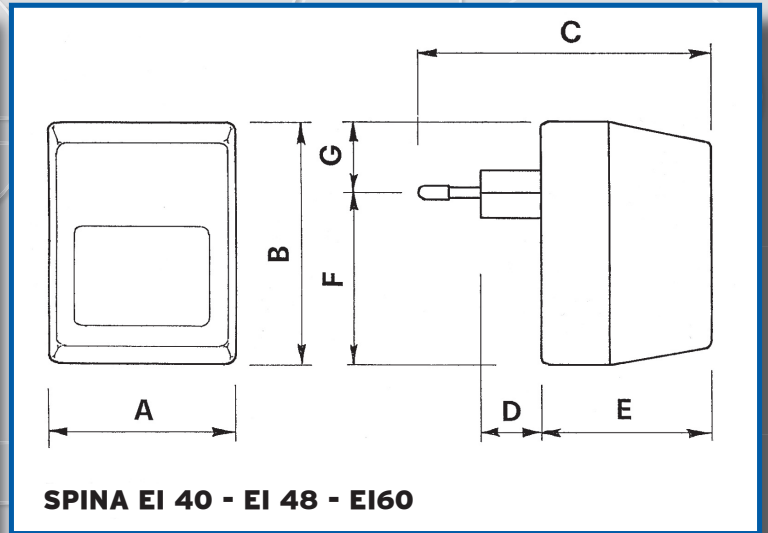
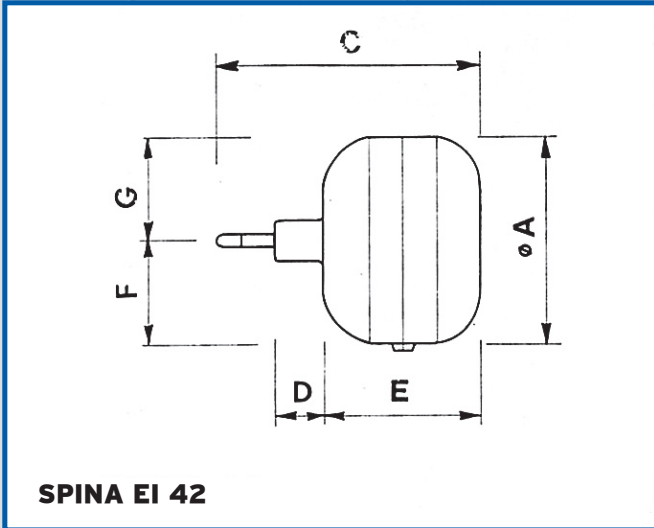


TYPE	A	A1	B	B1	L	L1	X1	X2
SO UI 39/8	55,0	57,0	65,6	67,5	21,0	22,0	50,0	55,0
SO UI 39/10,2	55,0	57,0	65,6	67,5	22,6	23,6	50,0	55,0
SO UI 39/13,5	55,0	57,0	65,6	67,5	25,8	26,8	50,0	55,0
SO UI 39/17	55,1	57,5	65,6	67,5	29,4	30,6	50,0	55,0
SO UI 39/21	55,1	57,5	65,6	67,5	33,4	34,6	50,0	55,0



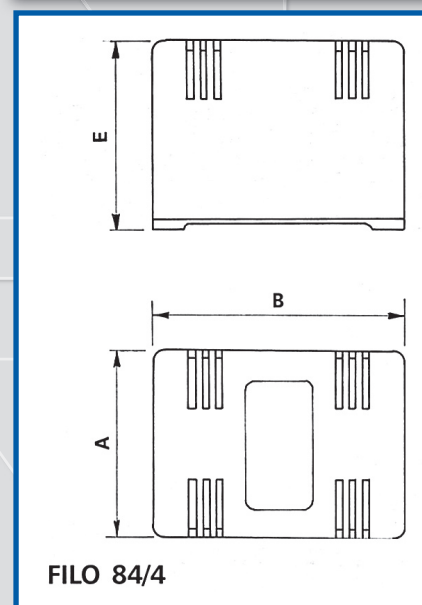
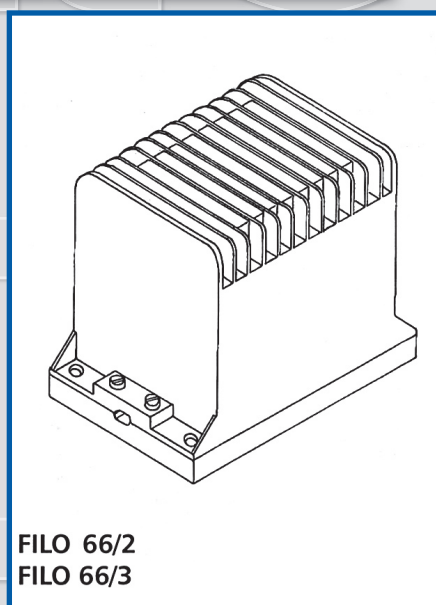
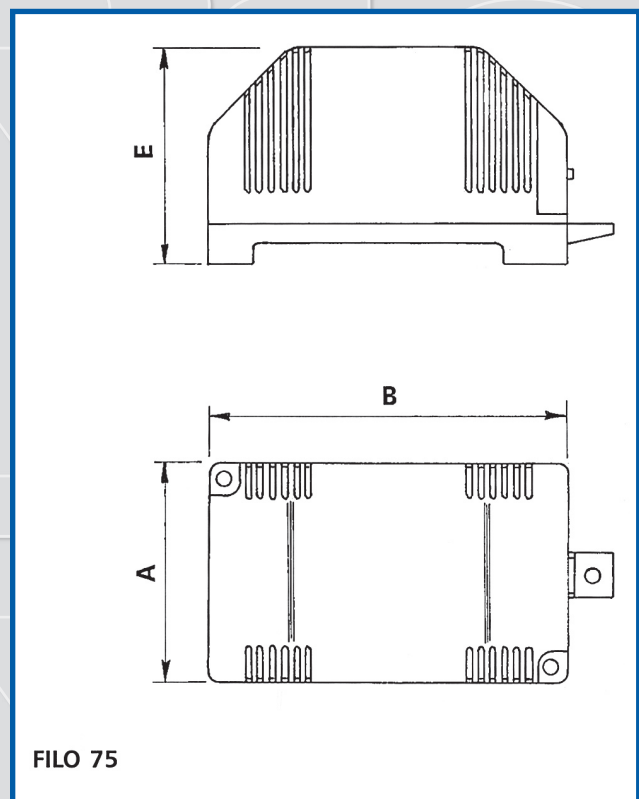
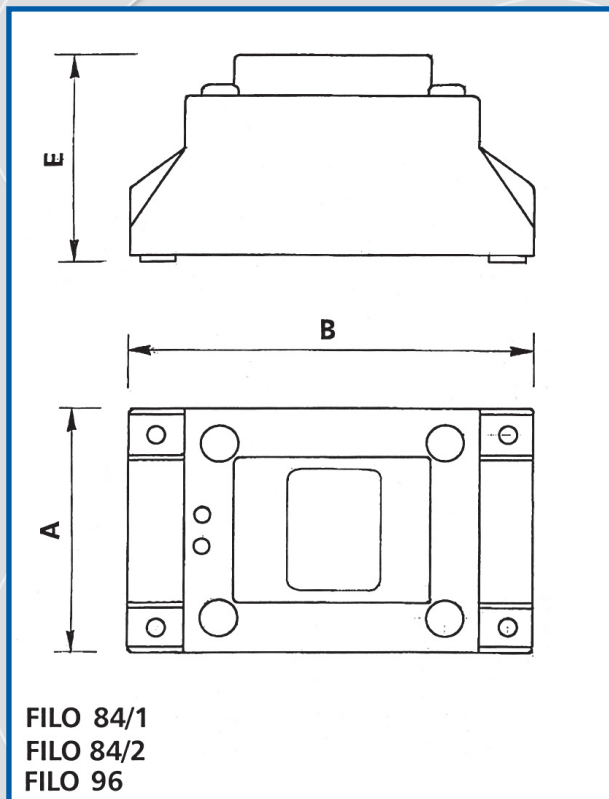
BOITES POUR ALIMENTATEURS
BOX FOR LOCALS POWER SOURCE
SCATOLE PER ALIMENTATORI

Cierre

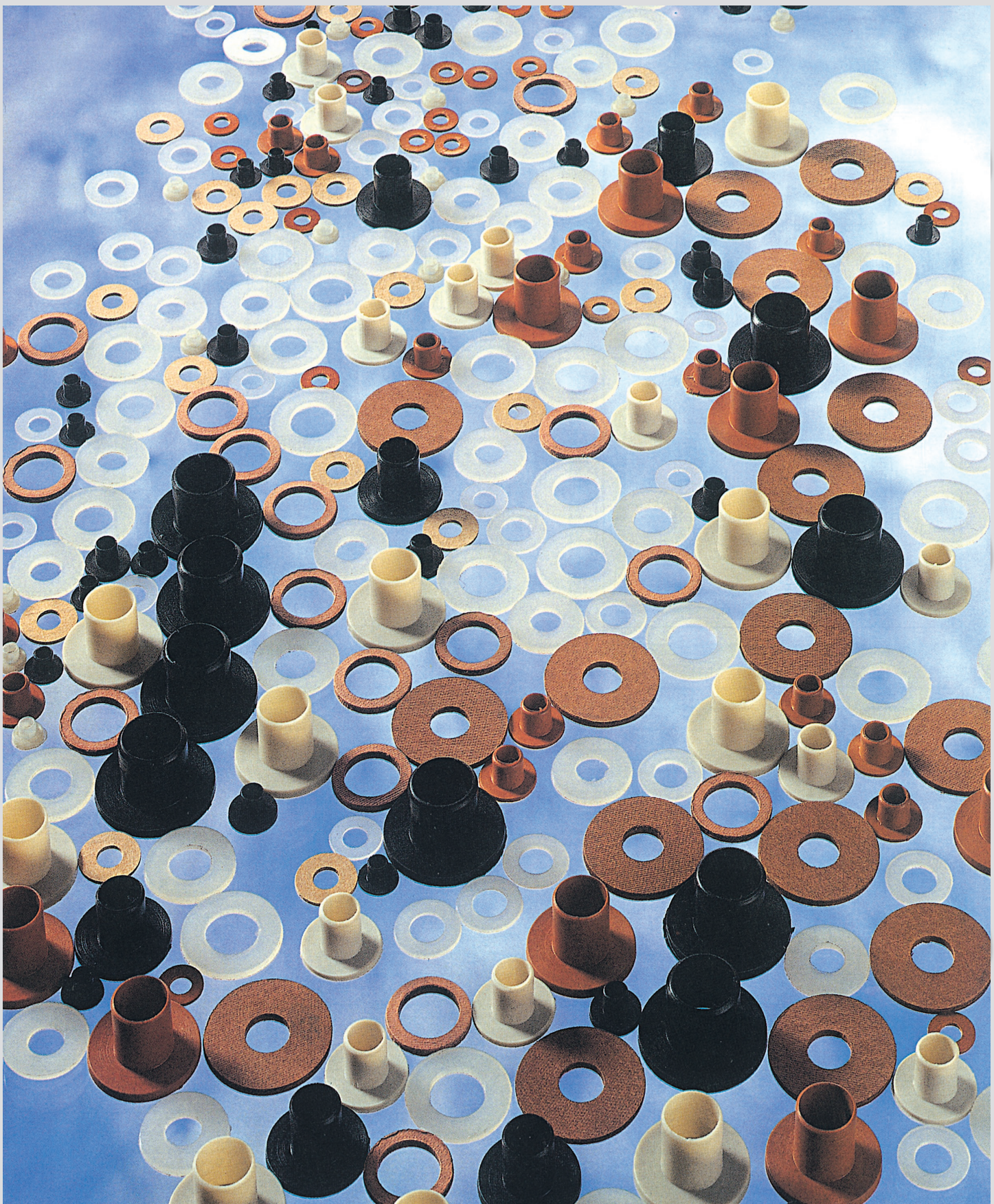


TYPE	REF.	a	b	c	d	e	f	g	NOTE
EI 42	SPINA 14	60		77	14	46	30	30	
EI 60	FILO 20 N	76	97			57			EI 60-20X20-20X25
EI 60	SPINA 2020	65	90	91	18	55			EI 60-20X20
EI 60	SPINA2025	65	90	96	18	60			EI 60-20X25

TYPE	REF.	a	b	c	d	e	f	g
EI 40	SPINA 13	55	72	84	18	46	50	20
EI 48	SPINA 1616/2	55	72	84	18	46	50	20
EI 48	SPINA 1620/2	55	72	84	18	50	50	20
EI 48	SPINA 1625/2	55	72	84	18	55	50	20
EI 48	SPINA 16E	56,3	83	84	18	48,5	65,86	17

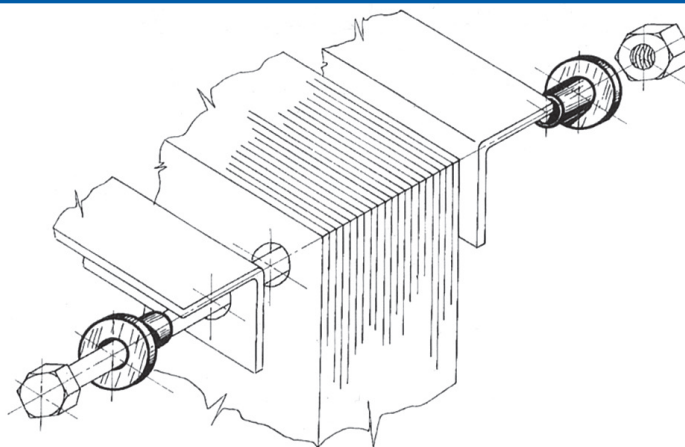
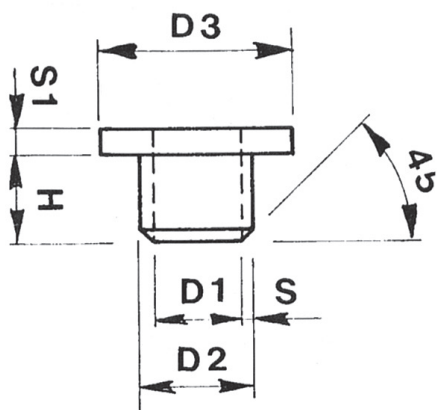


TYPE	REF.	a	b	e	foro entrata	foro uscita
EI 66	FILO 66/2	60	89,0	68,0	6,0X3,6	6,0X3,6
EI 66	FILO 66/3	71	93,0	72,0	7,0X3,6	7,0X3,6
EI 75	FILO 75	74	120,0	71,0	8,0X9,0	7,0X3,6
EI 84	FILO 84/1	80	131,5	67,5	6,2X3,8	19,5X10,0
EI 84	FILO 84/2	80	126,0	73,5	7,8X4,6	7,8X16,8
EI 84	FILO 84/4	80	110,0	75,0	7,0X5,5	7,0X5,5
EI 96	FILO 96	94	151,5	102,0	11,0X17,0	11,0X14,0



ISOLIERBUCHSEN
BUSHINGS-WASHERS
BUSSOLES-RONDELLES
BUSSOLE - RONDELLE

CieRre



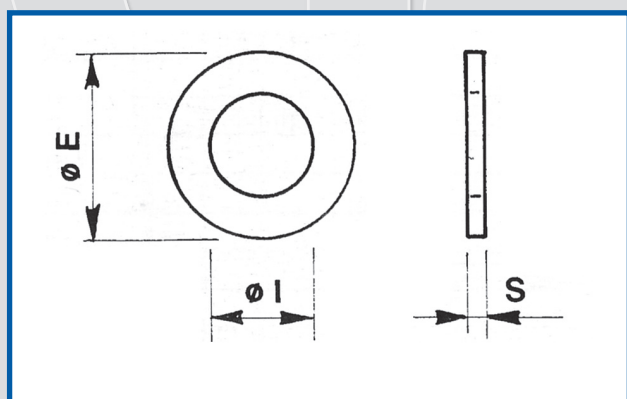
REF.	D1	D2	D3	S	S1	H
BUSS 3	3,5	4,3	9	0,4	1	5
BUSS 4	4	4,9	10	0,45	1,2	5
BUSS 5	5	5,9	12	0,45	1,5	6
BUSS 6	6	7,6	14	0,8	1,5	7
BUSS 8	8	9,6	19	0,8	2	11
BUSS 10	10	11,5	23	0,8	2	13
BUSS 12	12	13,6	26	0,8	2,5	15
BUSS 14	14,5	16,9	80	1,2	2,5	15
BUSS 16	16,5	18,9	32	1,2	3	18

NOTA: SOLO IN CONFEZIONI STANDARD

RIGIDITÀ DIELETRICA: 16KV/mm.

DIELECTRIC STRENGTH: 16KV/MM.

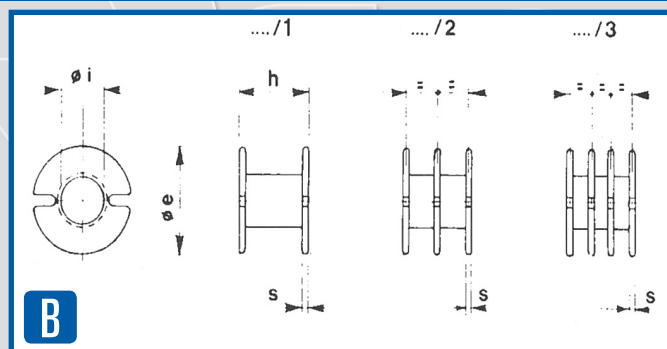
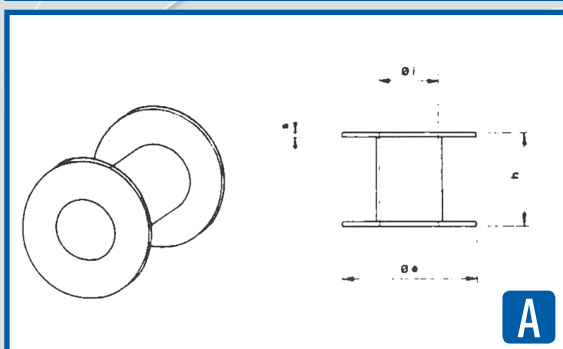
RONDELLE IN PRESSPAN (90°C) O NYLON (120°C)



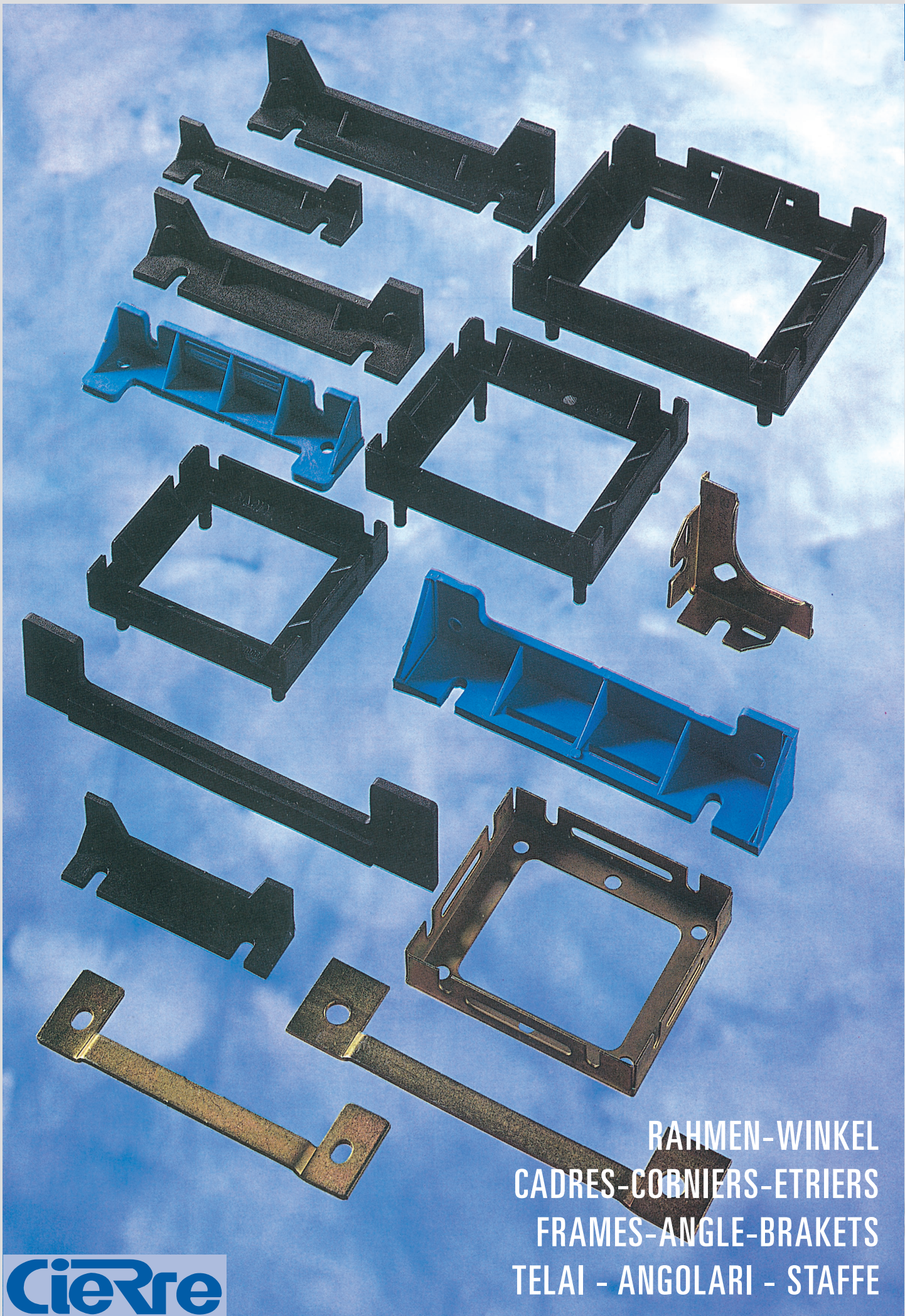
REF.	ØI	ØE	S
RON 3/8-1	3	8	1
RON 4/9-1	4	9	1
RON 4/10-1	4	10	1
RON 5/11-1	5	11	1
RON 5/15-1	5	15	1
RON 6/13-1	6	13	1
RON 6/15-1	6	15	1
RON 8/18-1	8	18	1
RON 8/20-1,5	8	20	1,5
RON 8/24-1,5	8	24	1,5
RON 10/22-1,5	10	22	1,5
RON 10/24-1,5	10	24	1,5
RON 12/24-1,5	12	24	1,5

oltre ai tipi standard abbiamo a disposizione circa 300 tipi da $\varnothing 2$ a $\varnothing 30$.

besides the standard type, about 300 types from $\varnothing 2$ to $\varnothing 30$ are available

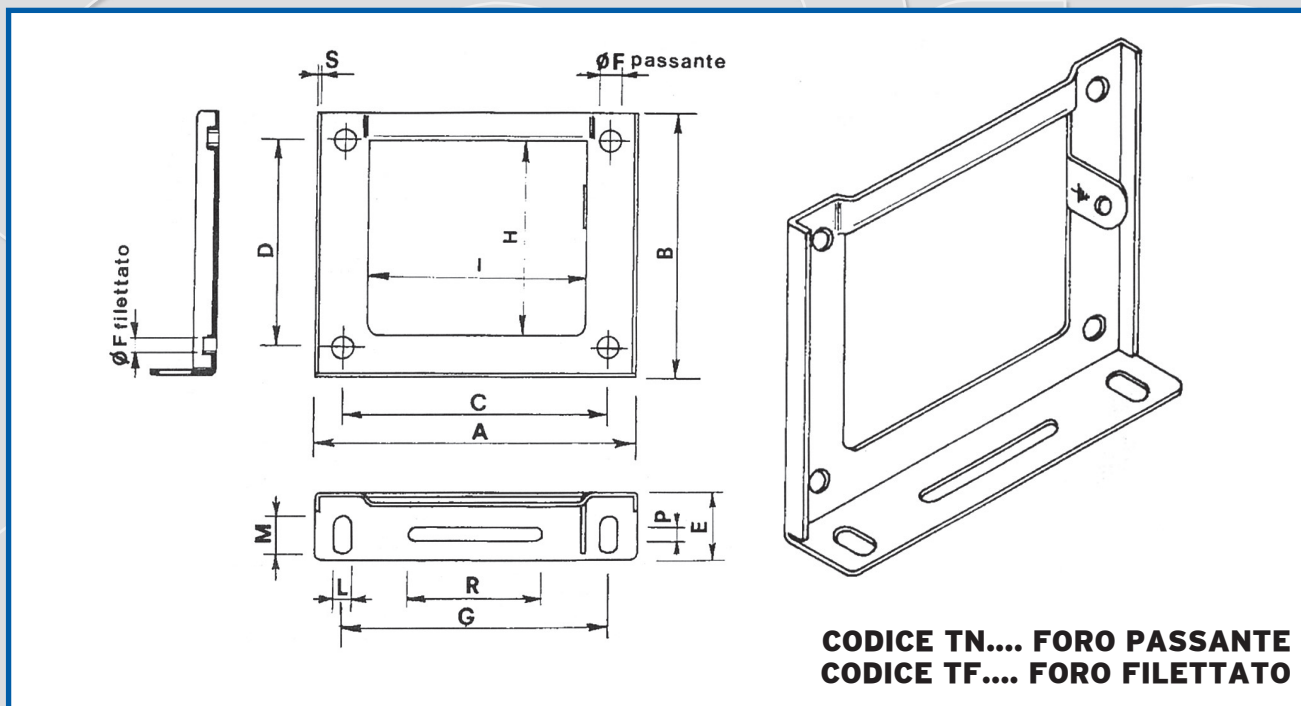


REF.	$\varnothing i$	h	$\varnothing e$	S	DISEGNO
CM 18	4,0	7,0	11,0	1,0	A
CM 17	4,2	17	8,0	1,0	A
CR 21	4,2	17,4	13,3	1,0	A
CM 16	5,0	9,5	12,0	0,5	A
CM 21	5,5	21,0	10,0	0,5	A
CM 15/1-2	6,0	5,5	11,0	0,2	B PER FERRITI 14X8 IEC
CM 14	6,0	19,0	20,0	1,5	A
CL 7	7,0	22,0	24,0	1,5	A
CB 18X11/1-2-3	7,7	7,0	14,8	0,5	B PER FERRITI 18X11 IEC
CM 14/1	8,0	18,5	19,0	1,0	A
CR 7	8,0	24,5	21,0	1,0	A
CB 22X13/1-2-3	9,5	9,0	17,8	0,5	B PER FERRITI 22X13 IEC
CM 27	9,5	10,0	24,5	1,0	A
CR 19/3	9,6	20,0	23,0	2,0	B3
CR 1	10,0	19,0	40,0	1,2	A
CR 2	10,0	19,0	60,0	1,2	A
CB 26X16/1-2	11,7	10,8	20,9	0,6	B PER FERRITI 26X16 IEC
CL 13	13,0	31,0	31,0	1,0	A
CR 24A	13,0	30,0	31,0	1,0	
CM 26	13,5	16,0	32,5	1,0	A
CM 26/1	13,5	16,0	37,0	1,0	A
CR 25A	13,0	14,8	31,0	1,0	
CB 30X19/1	13,7	12,8	24,7	0,7	B PER FERRITI 30X19 IEC
CR 5	16,5	19,0	40,0	1,0	A
CB 36X22/1	16,5	14,4	29,6	0,8	B PER FERRITI 36X22 IEC
CR 3	18,0	14,0	65,0	1,2	A
CR 4	18,0	14,0	75,0	1,2	A
CR 18	20,3	39,0	44,5	2,8	A
CR 15	20,5	29,0	35,0	1,5	A con contenit. SO 35X35
CR 16	20,5	28,7	50,0	1,5	A con contenit. SO 50X50
CR 11	26,0	60,0	60,0	1,5	A
CR 17	26,5	27,0	47,6	0,7	A
CM 32	27,0	17,3	50,0	1,5	A
CR 14	28,0	22,4	51,0	1,5	A
CM 28	30,0	22,5	56,5	1,5	A
CR 20	32,0	53,0	54,0	2,8	A
CR 23	36,0	70,0	72,0	2,8	A
CR 12	42,0	81,5	90,0	1,5	A
CR 22	45,0	75,0	80,0	1,7	A
CR 13	48,0	100,0	90,0	1,6	A

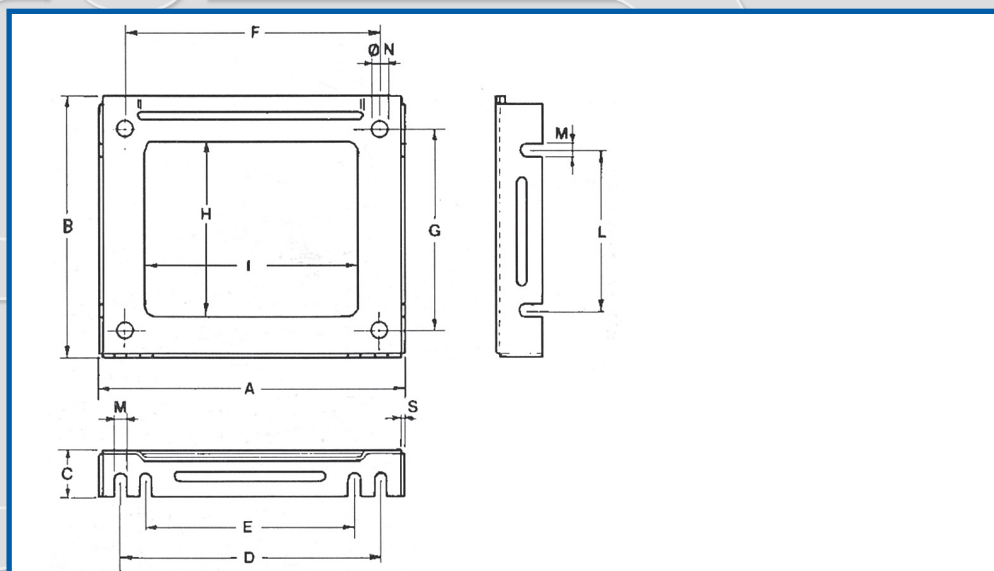


RAHMEN-WINKEL
CADRES-CORNIERS-ETRIERS
FRAMES-ANGLE-BRACKETS
TELAJ - ANGOLARI - STAFFE

CieRre

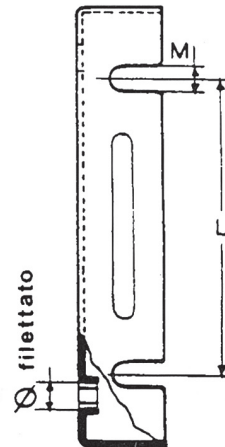
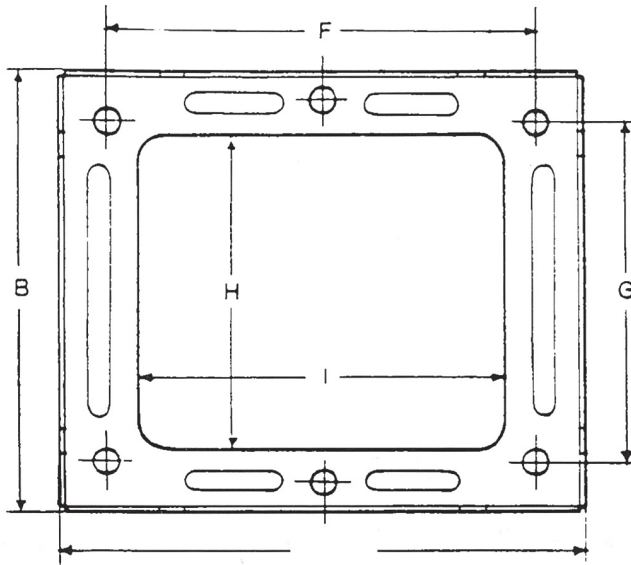


TYPE	REF.	A	B	C	D	E	Ø TN PASS.	Ø TF FILET.	G	H	I	L	M	S
EI 75	TN 25 GS-FE	76	66	62,5	50	16	4	3,5MA	62,5	48	53	4	10	1,0
EI 84	TN 28 GS-FE	85	78	70	57	18	5	4MA	70	55	57	5	10	1,0
EI 96	TN 32 GS-FE	98	82	80	65	18	5	4MA	80	60	67	6	12	1,2
EI 108	TN 36 GS-FE	110	92	90	75	22	6		90	70	75	6	12	1,5
EI 120	TN 40 GS-FE	122	102	100	80	24	6	4MA	100	76	83	6	14	1,5
EI 150	TN 50 GS-FE	153	126	125	100	26	8	5MA	125	97	103	6	18	1,5

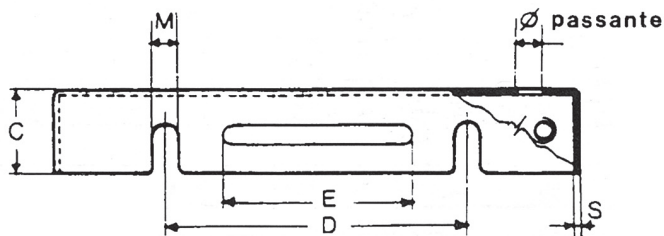


TYPE	REF.	A	B	C	D	E	F	G	H	I	L	M	ØN	S
EI 180*	TN 60 GS-FE	184	158	25		133	150	120	105	123	96	7	9	2
EI 192*	TN 64 GS-FE	196	166	27		132	160	128	110	135	100	8	10	2

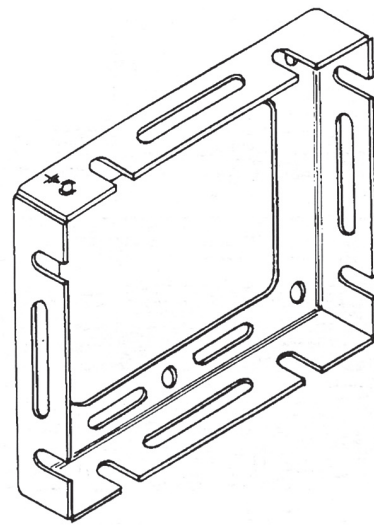
* DISPONIBILE CON QUOTA D=115



TYPE TF

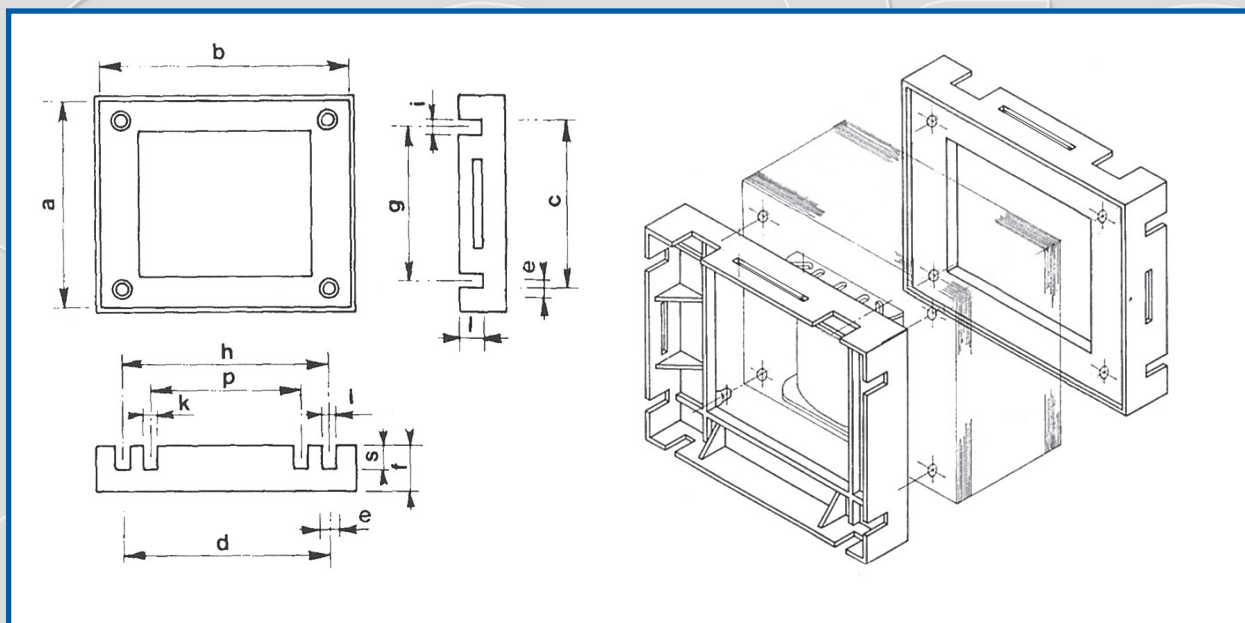


TYPE TN



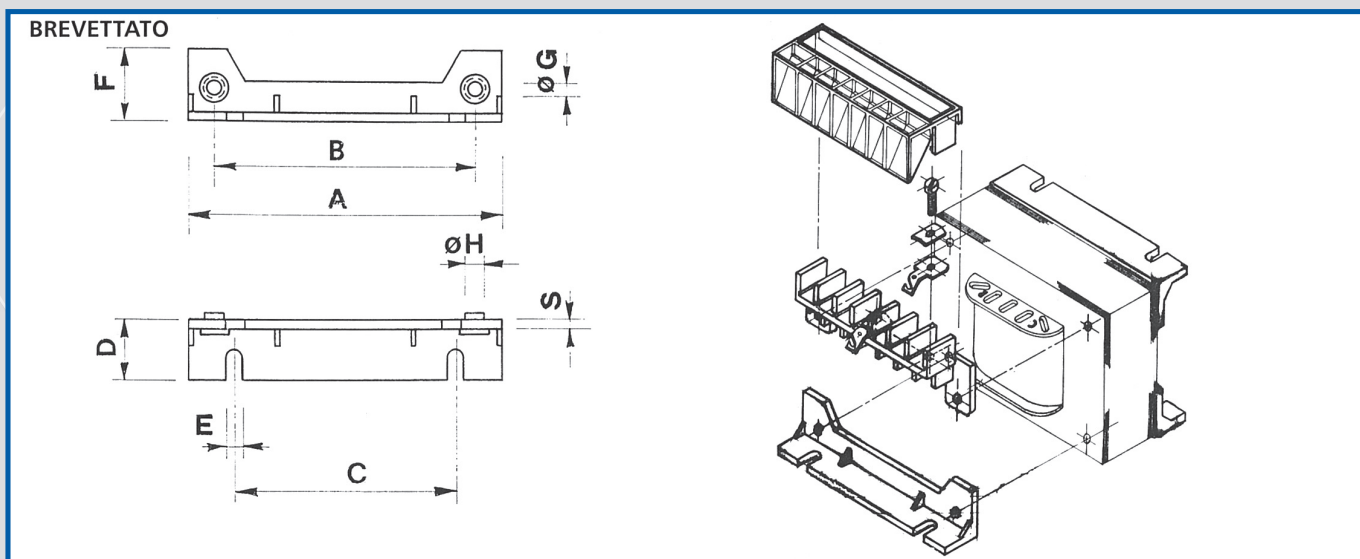
CODICE TN FORO PASSANTE
 CODICE TF FORO FILETTATO

TYPE	REF.	A	B	C	D	E	F	G	H	I	L	M	ØFILET. TF	ØPASS. TN	S
50X60	TN 20-FE	62	52	13	45	33	50	40	42	42	35	4	3MA	4,2	0,8
58X68	TN 22-FE	71	61	12,5	45	28	57	46	44,5	51	45	4,2	4MA	5,2	0,85
62,5X75	TN 25-FE	78,5	65,5	14	45	26,5	62,5	50	49,5	54	44	5,1	4MA	5,2	0,9
70X84	TN 28-FE	87	75,5	15,5	56	42	70	56	53,5	62	43	5,1	4MA	5,2	1,0
80X96	TN 32-FE	99	83	18	57	38	80	64	59	72,5	57	6	4MA	5,2	1,2
90X108	TN 36-FE	102	94	20	60	41	90	72	70	77	60	6		6,2	1,2
100X120	TN 40-FE	124	104	21	70	43	100	84	74,5	86	70	6	4MA 5MA	6,2	1,2
112,5X135	TN 45-FE	139	117	22	75	55	112,5	90	81,5	98,5	75	6,5	4MA 5MA	6,2	1,3
125X150	TN 50-FE	154	129	24,5	95	64	125	100	86	106	95	7	5MA 6MA	7,8	1,3
150X180*	TN 60-FE	184	154	26,5	132	81	asole	asole	116	126	115	8,5	6MA	7,8	1,5
160X192*	TN 64-FE	197	168	26,5	132	94	160	127,5	113	136	87	8	6MA	9	2

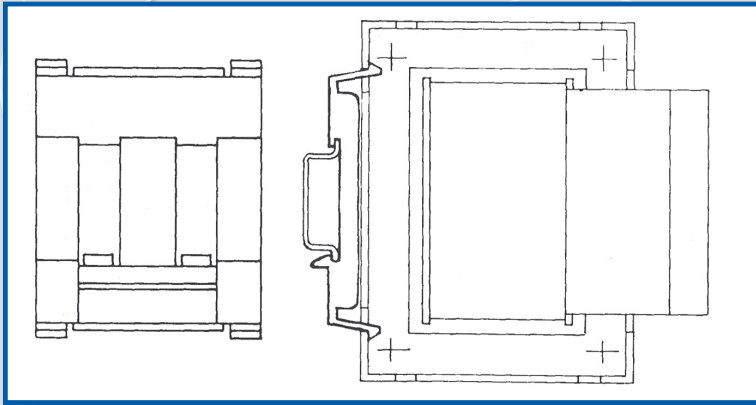


TYPE	REF.	a	b	c	d	e	f	g	h	p	i	l
62,5X75	T 25	63,0	76,0	50	62,5	4,8	14,0	45	62,5	45,0	4,2	7
70X84	T 28	71,0	84,5	56	70,0	5,8	16,5	45	71,0	56,0	5,2	9
80X96	T 32	84,6	96,7	64	80,0	5,8	20,0	57	80,5	57,0	6,2	10
100X120	T 40	102,0	123,0	80	100,0	6,7	23,0	10	100,0	70,0	6,2	12

ANGOLARI IN TERMOPLASTICO / THERMOPLASTIC



TYPE EI	REF.	A	B	C	D	E	F	G	H	S
50X60	A 20	60	50	45	11	3,5	15	3,2	3,8	2,2
55X66	A 22	66	55	50	12,5	4,2	18	3,2	4,0	2,5
62,5X75	A 25	75	62,5	55	14,5	4,2	20	3,2	4,2	2,5
70X84	A 28	84	70	60	18,5	5,2	22,5	4,2	5,8	2,5
80X96	A 32	96	80	68	18,5	5,2	22	4,2	5,8	3,0
90X108	A 36	108	90	75	20	5,6	27	4,2	5,8	3,5
100X120	A 40	120	100	80	22	6,5	29	5,2	5,8	4,0
112,5X135	A 45	135	112,5	95	23	6,2	33	6,5	7,8	4,5
125X150	A 50	150	125	105	24	7	40	6,5	7,8	5,0



TYPE	REF.
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EI/75 25X30	DIN 2530
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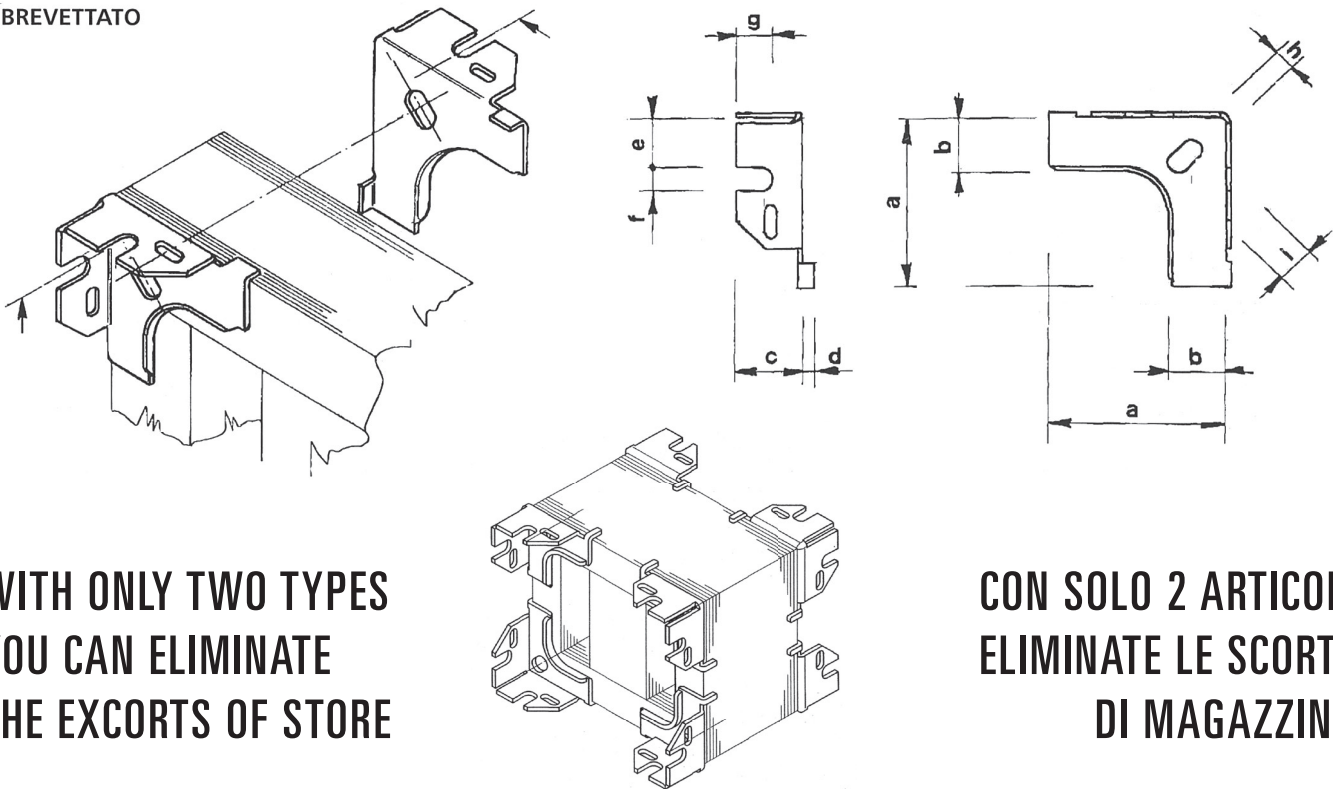
EI/84 28X40	DIN 2840
-------------	----------

Il nostro supporto ad incastro permette il collegamento meccanico del trasformatore all'impianto cui è destinato, in modo semplice, rapido e senza nessuna vite.

Il supporto è realizzato in un sol pezzo in materiale plastico; comprende una scanalatura longitudinale di forma rettangolare, che presenta una lunghezza circa uguale alla massima larghezza di una guida unificata a cui il supporto si accoppia. La guida unificata (guida DIN) è sostanzialmente un profilato ad <<U> con alette esterne ripiegate e sporgenti.

ANGOLARI IN FERRO (COMPONIBILI)

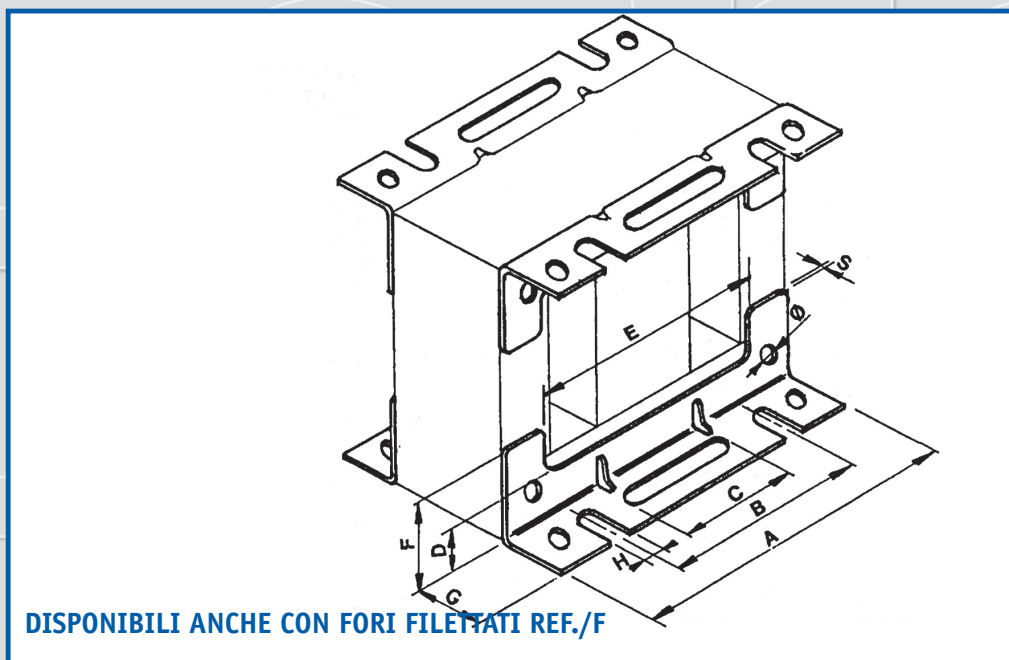
BREVETTATO



**WITH ONLY TWO TYPES
YOU CAN ELIMINATE
THE EXCORTS OF STORE**

**CON SOLO 2 ARTICOLI
ELIMINATE LE SCORTE
DI MAGAZZINO**

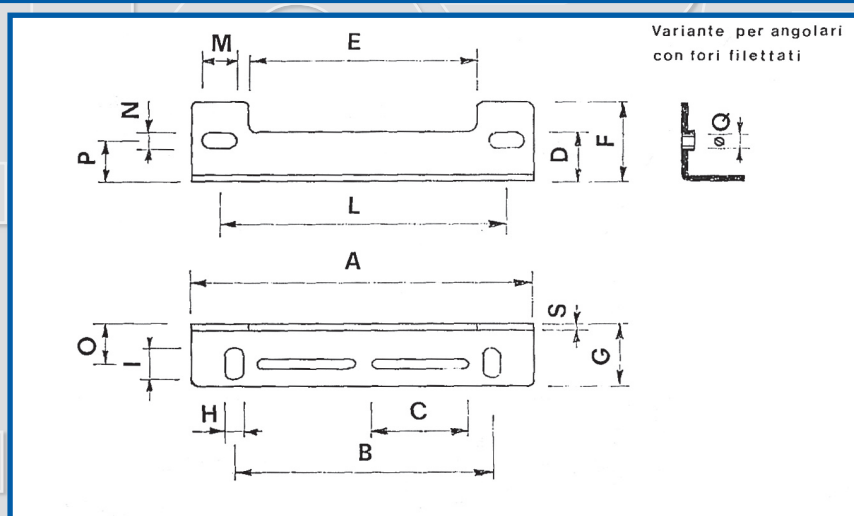
REF.	a	b	c	d	e	f	g	h	i	L±1	M±1	per lamierini UNEL	per lamierini non unificati
ANG1-FE	31	11	16,5	5	9	5	7	5	7,5	40,5	53	62,5X75	utili soprattutto dove non esiste telaio
										48	62	70X84	
										58	74	80X96	
										68	86	90X108	
ANG2-FE	50	17	19	5	15	6,5	10	6,5	12	64	84	100X120	and for lamination not standard interesting solution
										76,5	99	105X126	
										89	114	112,5X135	
										114	144	125X150	
										124	156	150X180 160X192	



DISPONIBILI ANCHE CON FORI FILETTATI REF./F

TYPE	REF.	A	B	C	D	E	F	G	H	S	Ø
EI 68	A22-FE	68	45		10	43	20,0	15	4,0	1,0	35,2
EI 75	A25-FE	75	53	43	8,5	51	20,0	15	4,5	1,5	4,2
EI 84	A28-FE	84	60	44	11	62	24,5	17	5,2	1,5	5,2
EI 96	A32-FE	96	68	52	12	72	25,5	18	5,2	1,5	5,2
EI 120	A40-FE	120	80	62	15	86	31,0	22	6,5	1,5	6,2
EI 150	A50-FE	150	105	2X40	18	196	36,0	23	6,5	1,5	6,3
EI 180	A60-FE	180	115	81	15		42,0	25	8,0	2,0	9,3
EI 192	A64-FE	192	128/145		28		43,0	28	8,0	2,0	10,0
EI 240	A80-FE	240	205		22		62,0	40	9,0	2,5	10,0

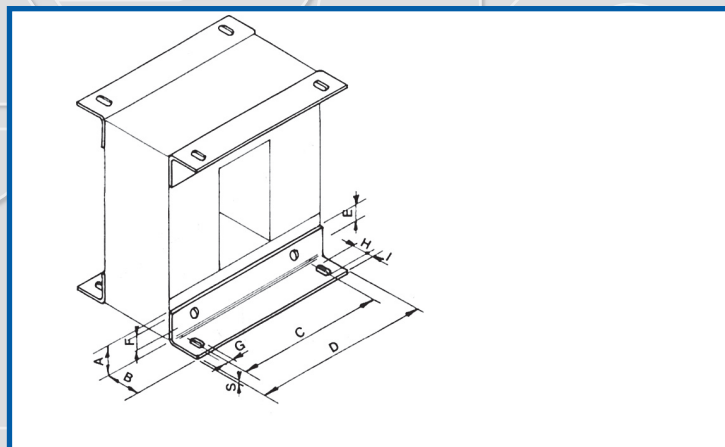
ANGOLARI PER TRASFORMATORI MONOFASE DIN



TYPE	REF.	A	B	C	D	E	F	G	H	I	L	M	N	O	P	S	ØQ
EI 55X66	A 22DIN	66	50	16	10,5	43,5	17,6	15,5	4,6	8,8	55	8,8	4,6	9,5	8,5	1,5	M3
EI 62X75	A 25DIN	75	56	20	12,5	46,0	20,0	15,0	4,8	9,0	60	9,0	4,8	8,5	11,0	1,5	M4
EI 70X84	A 28DIN	84	64	24	10,5	54,0	21,0	15,0	4,8	9,0	70	9,0	4,8	8,5	11,0	1,5	M4
EI 80X96	A 32DIN	96	84	35	15,0	66,0	25,0	20,0	5,8	11,0	80		Ø5,8	12,0	14,0	2,0	M4
EI 100X120	A 40DIN	120	90	35	18,0	80,0	28,0	22,0	5,8	11,0	100		Ø5,8	14,0	15,0	2,0	M5
EI 125X150	A 50DIN	150	120	44	22,0	110,0	34,0	27,0	7,0	13,0	120	15,0	8,0	17,0	19,0	2,5	M6

POSSONO ESSERE FORNITE STAFFE CON ALTRE
DIMENSIONI DI FISSAGGIO A RICHIESTA

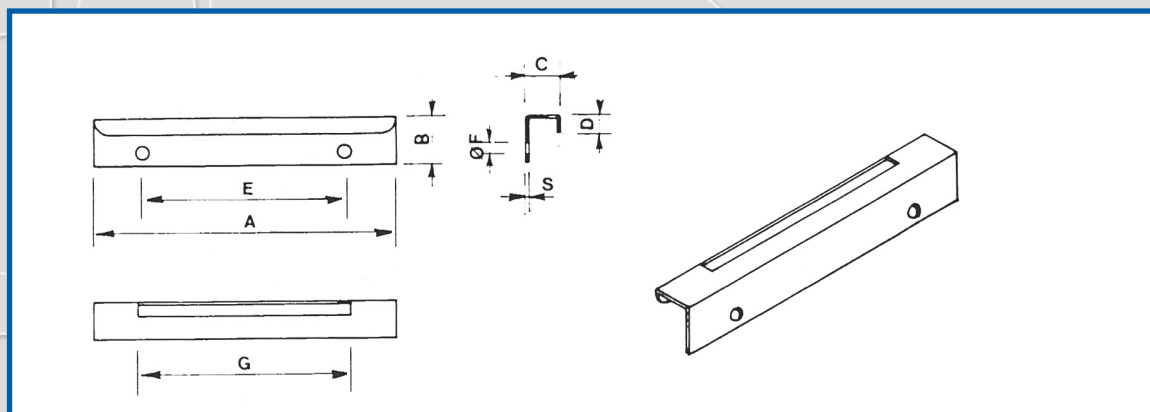
BRACKETS WITH DIFFERENT FIXING CENTRES
AVAILABLE ON REQUEST



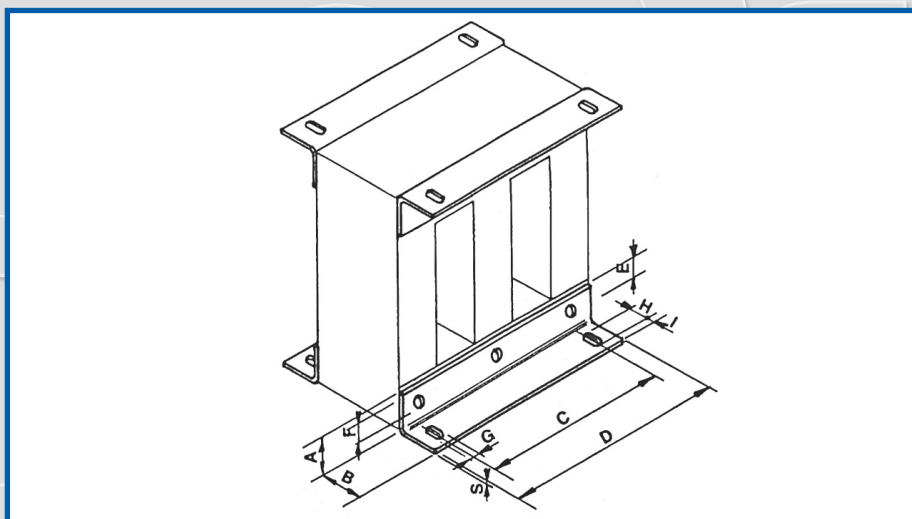
TYPE	REF.	A	B	C	D	E	F	G	H	S
112X132	ST 23 - FE	25	25	90	120	6	5,5	6	12	2
125X125	ST 25 - FE	24	22	100	150	8	6,5	7	11	2
150X150	ST 30 - FE	28	25	145	180	8	8	7	14	2
200X200	ST 40 - FE	39	32	200	240	15	8	10	20	2
250X250	ST 50 - FE	45	37	250	300	15	10	10	25	2,5
300X300	ST 60 - FE	55	45	300	360	20	12	10	25	3
350X350	ST 70 - FE	65	47	350	420	25	12,5	10	25	3
400X400	ST 80 - FE	74	57	375/425	480	30	12,5	10	25	4
500X500	ST 100 - FE									

PROSSIMA PRODUZIONE

STAFFE PORTAMORSETTO MONOFASE UI TIPO BASSO

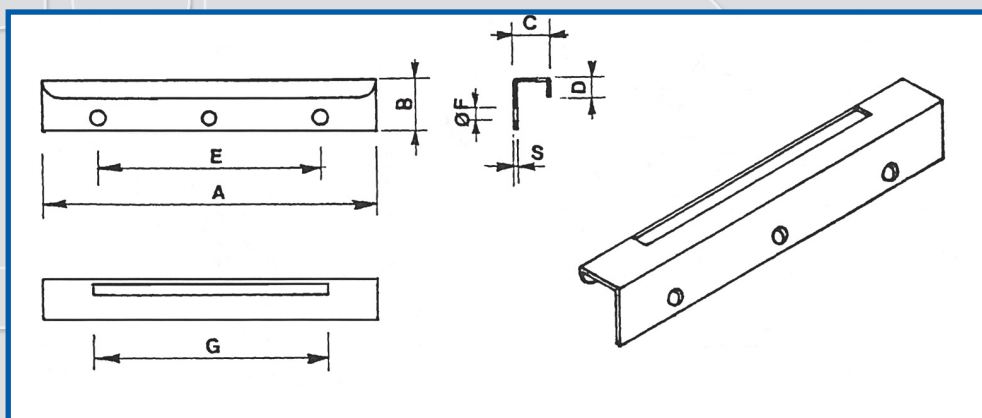


TYPE	REF.	A	B	C	D	E	ØF	G
125X125	ST 25PM - FE	150	25	18	10	100	7	135
150X150	ST 30PM - FE	180	26	19	10	120	8	160
200X200	ST 40PM - FE	240	40	24	10	160	8	220
250X250	ST 50PM - FE	300	42	24	10	200	10	275
300X300	ST 60PM - FE	360	52	28	10	240	12	335
350X350	ST 70PM - FE	420	64	29	10	280	12	400
400X400	ST 80PM - FE	460	70	30	10	320	12	450



TYPE	REF.	A	B	C	D	E	F	G	H	S
112X132	A23/UI-FE	25	25	90	120	6	5,5	6	12	2
125X125	A25/UI-FE	24	22	100	150	8	6,5	7	11	2
150X150	A30/UI-FE	28	25	145	180	8	8	7	14	2
200X200	A40/UI-FE	39	32	200	240	15	8	10	20	2
250X250	A50/UI-FE	45	37	250	300	15	10	10	25	2,5
300X300	A60/UI-FE	55	45	300	360	20	12	10	25	3
350X350	A70/UI-FE	65	47	350	420	25	12,5	10	25	3
400X400	A80/UI-FE	74	57	375/425	480	30	12,5	10	25	4
500X500	A100/UI-FE	90	65	360	590	33	13	13	13	5

STAFFE PORTAMORSETTO TRIFASE TIPO BASSO "UI"

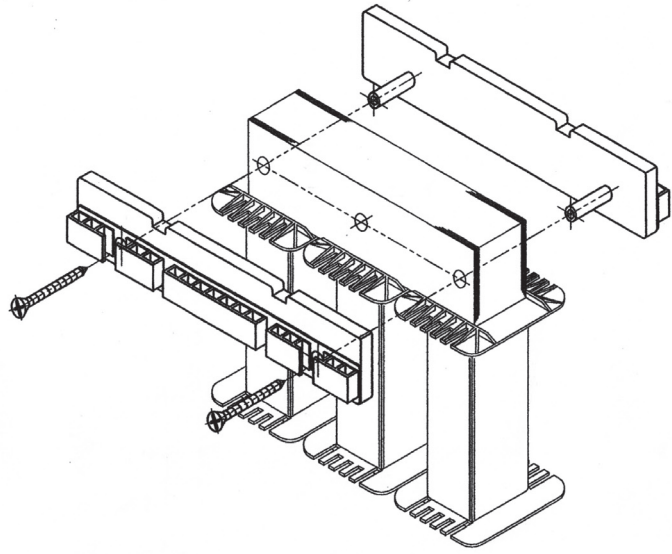
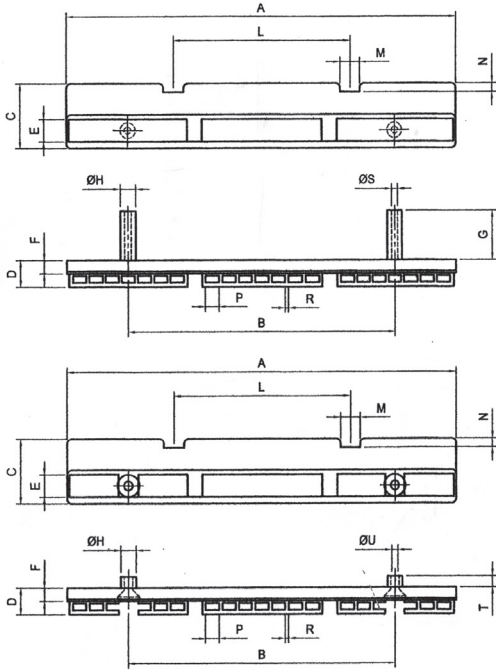


TYPE	REF.	A	B	C	D	E	ØF	G
125X125	B 25/UI-FE	150	25	18	10	100	7	135
150X150	B 30/UI-FE	180	26	19	10	120	8	160
200X200	B 40/UI-FE	240	40	24	10	160	8	220
250X250	B 50/UI-FE	300	42	24	10	200	10	275
300X300	B 60/UI-FE	360	52	28	10	240	12	335
350X350	B 70/UI-FE	420	64	29	10	280	12	400
400X400	B 80/UI-FE	460	70	30	10	320	12	450

72 STAFFE PORTAMORSETTO TRIFASE TIPO BASSO IN TERMOPLASTICO

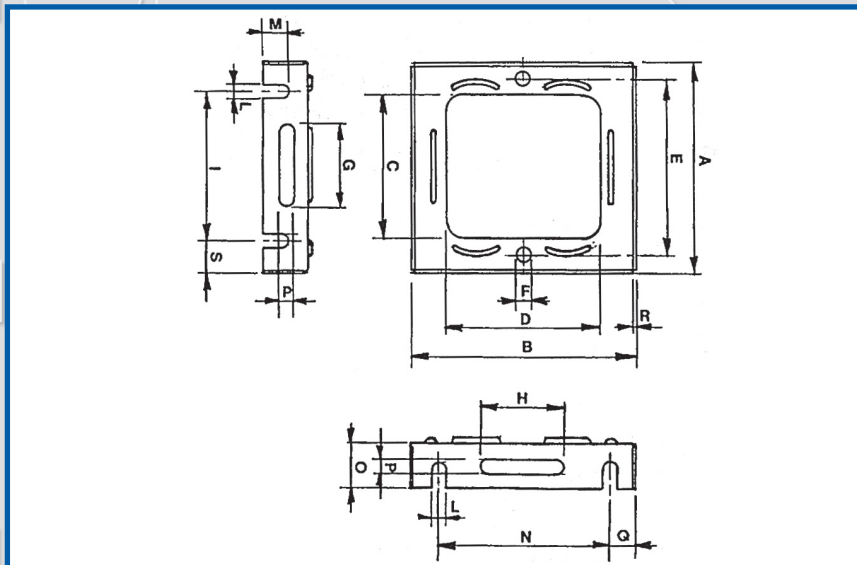
BARRETTA TRIFASE UI 150X150

FISSAGGIO CON SOLO DUE VITI SENZA DADI BREVETTATO

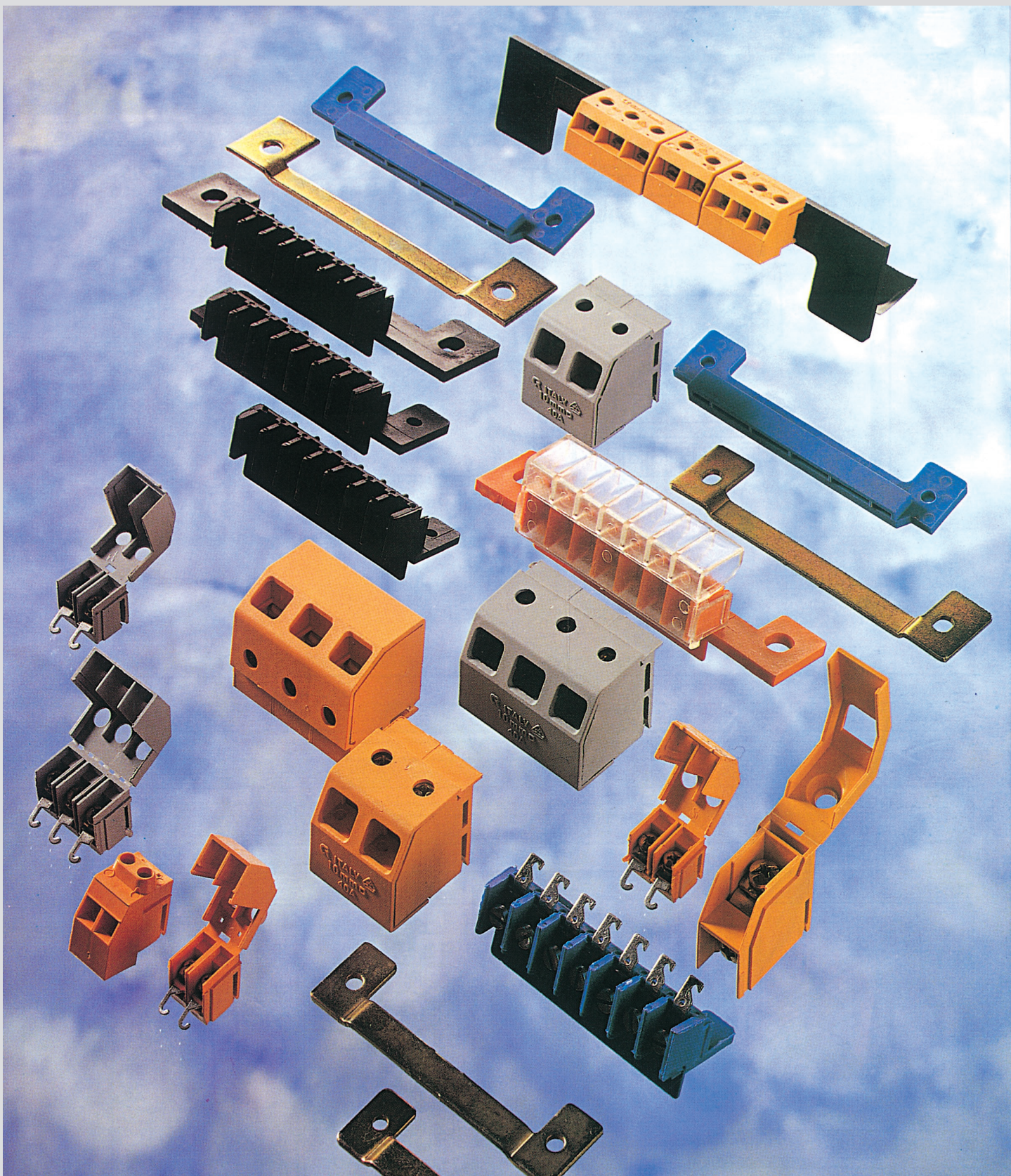


TYPE	REF	A	B	C	D	E	F	G	ØH	L	M	N	P	S	U
150X150	B30/UI	130	120	29	12	10	5,15	22	7,16		9,45		7	3,4	4,4

TELAI PER NUCLEI A "C" CORES

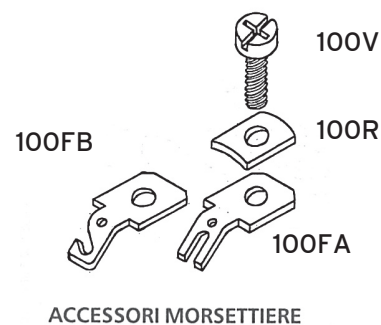
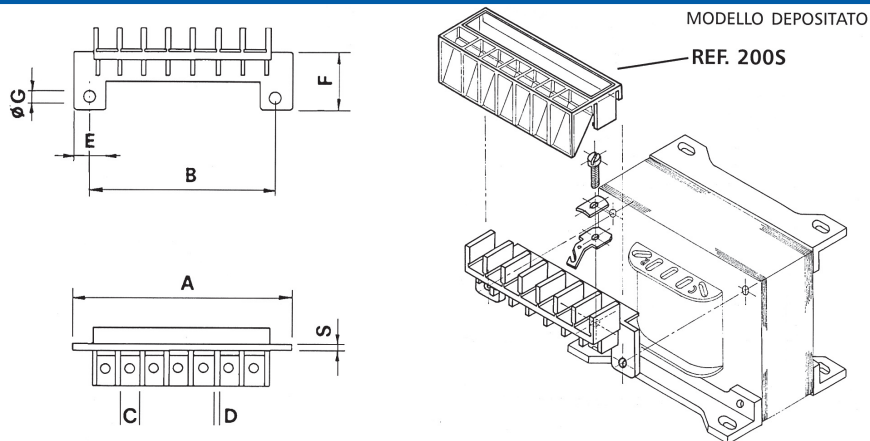


TYPE	REF.	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	S
AD	TELAIO AD-FE	170	210	120	145	130	8,5	80	100	125	8,5	12	145	25	5,2	15	2	15
Q	TELAIO Q-FE	62	66	45,5	49	52	4,2	25	25	44	4,2	7	52	13	3,2	17,2	1,2	19
T	TELAIO T-FE	79	81	56	58,5	66,5	5,2	35	35	60	5,2	9	66	15	4,2	7,5	1,2	9,5
U	TELAIO U-FE	87	87	63,5	65,5	76	5,2	40	40	70	5,2	9	70	15	4,2	8,5	1,2	8,5
V	TELAIO V-FE	98	106	73	78,5	83	5,6	45	45	75	6,2	9	85	17	4	10,5	1,2	11,5
X	TELAIO X-FE	120	134	86	98,5	103,5	7,2	55	65	96	7,2	12	110	19	4,2	12	1,5	12
Z	TELAIO Z-FE	140	158	99	117,5	119,5	8,2	80	100	114	8,5	12	132	25	5,2	13	1,5	13



BORNES ES ACCESSORIOS
TERMINAL BLOCKS AND ACCESSORIES
BORNES ET ACCESSORIES
KLEMMEN BLOCK
MORSETTI E ACCESSORI





ACCESSORI MORSETTERIE

TYPE	REF.
FORCELLA A GANCIO X10A 45°	100FB/10A 45°
FORCELLA A FORCA X27A 45°	100FA/27A 45°
FORCELLA A GANCIO X16A 45° E 90°	100FB/16A - 45° - 90°
FORCELLA A GANCIO X27A 45° E 90°	100FB/27A - 45° - 90°
FORCELLA A GANCIO X30A	100FB/30A - 45°
FORCELLA VITE/VITE	100FB/63A - 90°
RANELLA PER MORSETTO	100R
VITE 4X10 PER MORSETTO	100V

CARATTERISTICHE

Materiale Poliammide 6 + FIBRA VETRO 30%

Prove effettuate: 27A - 2500 Volts

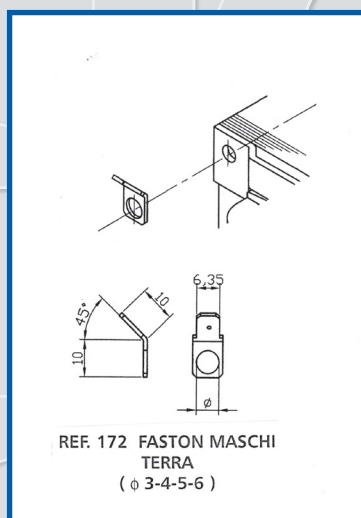
CHARACTERISTICS

Material: Poliamyde 6 + 30%FIBER GLASS

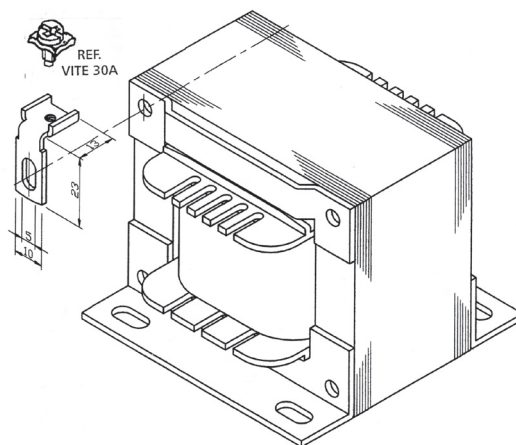
Test made: 27 Amps - 2500 VoltsVolts

TYPE	REF.	A	B	C	D	E	F	G	S	numero term.
EI 75	M 25	74	62,5	8,5	2,2	11	25	4,5	3,0	7
EI 84	M 28	83	70,0	8,5	2,2	13	25	4,5	3,0	7
EI 96	M 32	95	80,0	8,5	2,2	14	25	4,5	3,0	7
EI 108	M 36	106	90,0	8,5	2,2	15	28	6	4,0	7
EI 120	M 40	118	100,0	8,5	2,2	17	30	6	4,0	7
EI 126	M 42	123	105,0	8,5	2,2	17	30	6	4,0	7
EI 135	M 45	133	112,5	8,5	2,2	18	30	8	4,0	7
EI 150	M 50	148	123,0	8,5	2,2	22	37	9	4,5	7

TERMINALI DI TERRA / EARTH TERMINAL

REF. 172 FASTON MASCHI
TERRA
(ϕ 3-4-5-6)

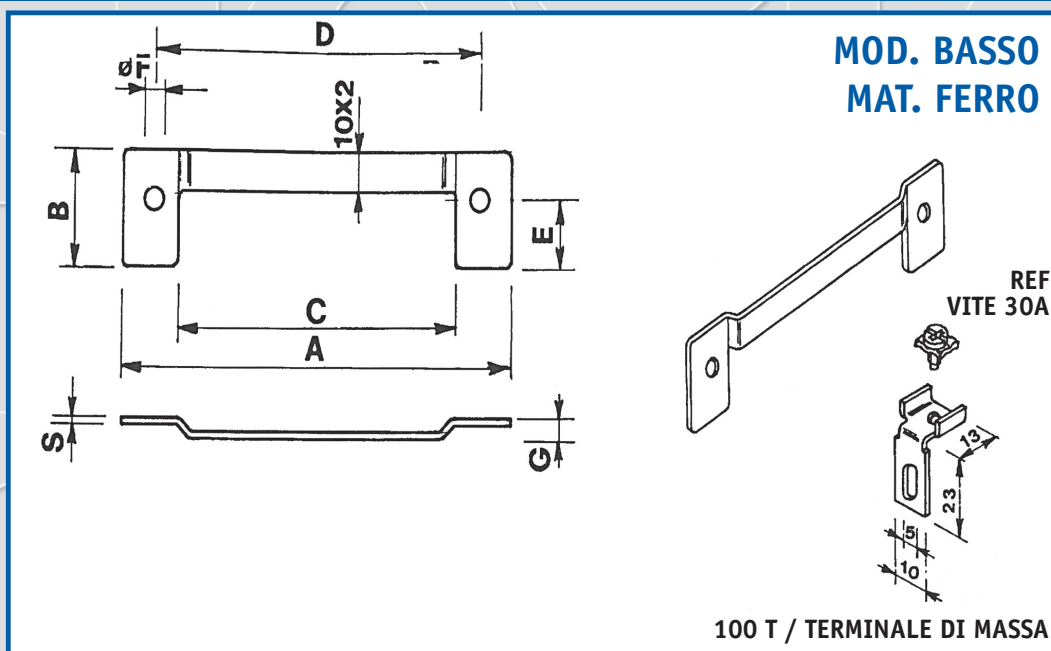
FORCELLA TERRA 100T



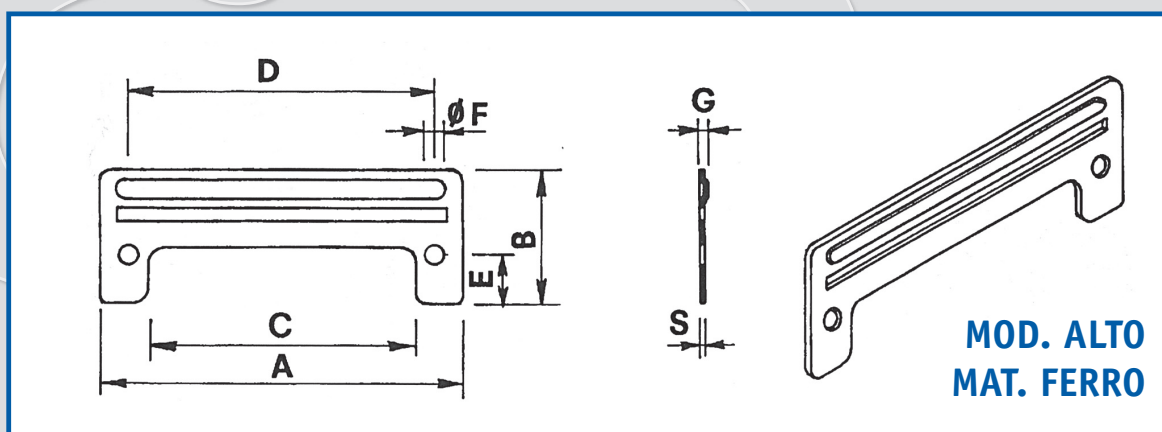
TYPE	REF.
FORCELLA "TERRA" A 90° 23X13	100T - ϕ 5 - ϕ 6
172 FASTON MASCHI ϕ 3 45°, 90°	172/3-45°, 90°
172 FASTON MASCHI ϕ 4 45°, 90°	172/4-45°, 90°
172 FASTON MASCHI ϕ 5 45°, 90°	172/5-45°, 90°
172 FASTON MASCHI ϕ 6 45°, 90°	172/6-45°, 90°

BARRE PORTAMORSETTI PER TRASFORMATORI MONOFASE STANGENBRINGEN KLEMMEN FÜR TRANSFORMATOREN EIN PHASE

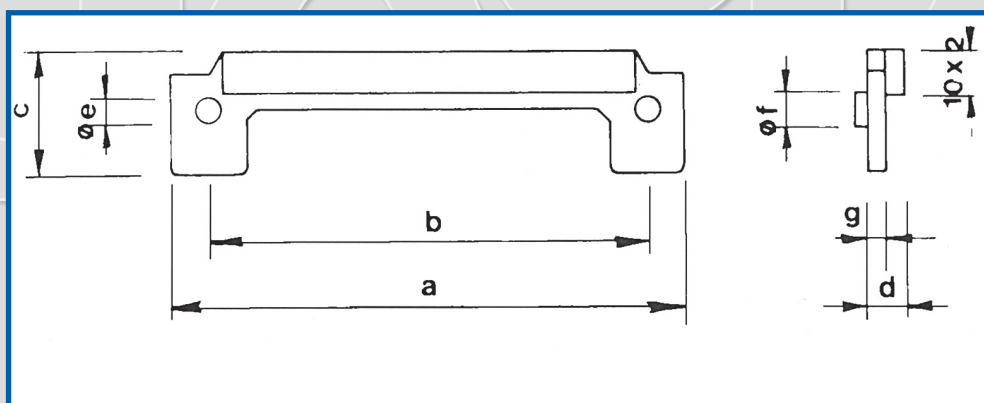
75



TYPE	REF.	A	B	C	D	E	ØF	G	S
EI 75	BAR25-FE	75	20	52	62,5	8	4,2	4	2
EI 84	BAR28-FE	84	22	60	70	10	4,2	4	2
EI 96	BAR32-FE	96	25	68	80	13	5,2	4	2
EI 120	BAR40-FE	120	28	85	100	17	5,2	4	2
EI 150	BAR50-FE	150	30	104	125	17	7	4	2
EI 180	BAR60-FE	180	35	125	150	20	8	5	2
EI 192	BAR64-FE	192	45	137	160	23	8	5	2
EI 240	BAR80-FE	240	53	172	155	28	8	6	2



TYPE	REF.	A	B	C	D	E	ØF	G	S
EI 68	BAR22-A-FE	68	34	48	62	12,5	5,2	2	2
EI 75	BAR25-A-FE	75	30	51	62,5	10,5	4,2	2	1,5
EI 84	BAR28-A-FE	84	32	62	70	11,5	5,2	2	1,5
EI 96	BAR32-A-FE	96	35	73	80	12,5	5,5	2	1,5
EI 120	BAR40-A-FE	120	40	92	100	16,5	6,8	2	1,5
EI 150	BAR50-A-FE	150	50	108	128	20,0	6,0	2	2
EI 180	BAR60-A-FE	180	70	125	150	28,0	7,0	2	2
EI 192	BAR64-A-FE	192	70	145	153	28,0	7,0	2	2
EI 240	BAR80-A-FE	240	83	172	155	42,0	7,0	2	2



LAMIERINO	REF.	a	b	c	d	Øe	Øf	g	TIPO MATERIALE
EI 75	BAR25								TERMOPLASTICO
EI 84	BAR28								TERMOPLASTICO
EI 96	BAR32								TERMOPLASTICO
EI 108	BAR36								TERMOPLASTICO
EI 120	BAR40	117,0	100,0	31	8,5	5,2	5,8	4,0	TERMOPLASTICO
EI 126	BAR42	123,0	105,0	35	8,5	5,2	5,8	4,0	TERMOPLASTICO
EI 135	BAR45	130,5	112,5	33	9,0	6,5	7,8	4,5	TERMOPLASTICO
EI 150	BAR50	147,0	125,0	31	9,0	6,5	7,8	4,5	TERMOPLASTICO
EI 180	BAR60	175,0	150,0	39	9,0	6,5	7,8	4,5	TERMOPLASTICO
EI 192	BAR64	187,0	160,0	42	9,0	6,5	7,8	4,5	TERMOPLASTICO

MORSETTI IN TERMOPLASTICO RP9 CR 1ª SERIE

TESTATI E OMOLOGATI IN CONFORMITÀ ALLE NORME:

DIN EN 60998-1 (VDE 0613 teil 1): 1994-04 EN 60998-1: 1993
DIN EN 60998-2-1 (VDE 0613 teil 2-1): 1994-04 EN 60998-2-1: 1993

Questi morsetti ricalcano il principio delle nostre morsettiere fisse, hanno 3 principali caratteristiche:

- 1/ Sono stati progettati secondo le norme di sicurezza internazionali e di autoestinguenza (UL94-V0)
- 2/ Permettono un enorme risparmio di denaro perché eliminando telai, angolari, riducono notevolmente l'impiego di manodopera nell'assemblaggio dei trasformatori.

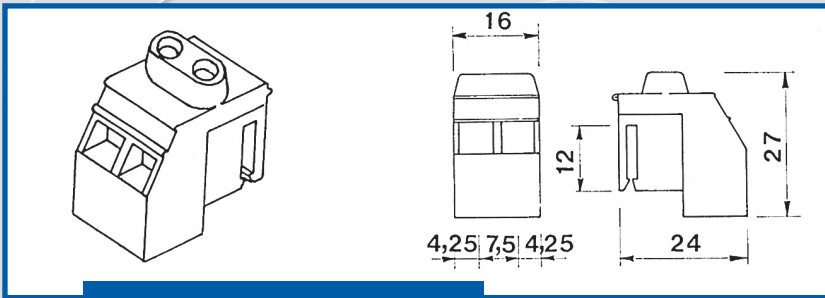
These electrical clamps, following the principal of our fixed electrical clamps, have three main features:

- 1/ They have been projected following the present international security law and are also autoextinguishing (UL94-V0).
- 2/ They allow to save much money because eliminating frames, angular, they remarkably reduce the need for labour in assembling the transformers

TYPE CIERRE	N° CERTIFICATO VDE	TEMPERATURA (°C) AMBIENTE	TENSIONE DI ISOLAMENTO	SEZIONE mm ²	
				DICHIARATA	OMOLOGATA
M10	127486ÜG	DA -5 A +70	AC 250V	1,5	1,5
M16	134253ÜG	DA -5 A +70	AC 450V	2,5	1,5
M30	134254ÜG	DA -5 A +70	AC 750V	4	2,5
M63	134257ÜG	DA -5 A +70	AC 750V	10	6

MORSETTI 10 IN TERMOPLASTICO CR 1ª SERIE

77



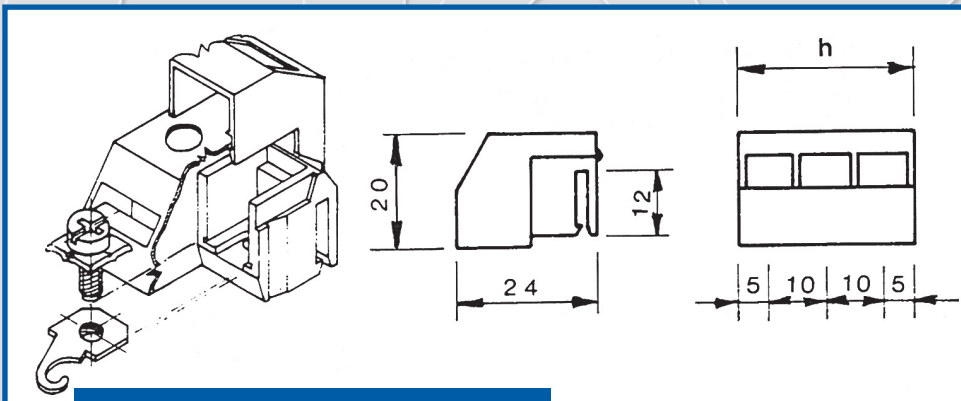
CONFEZIONE STANDARD: 500 Pz.
STANDARD TÛTEN: 500 Pz.



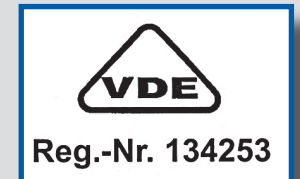
TYPE	REF.	h	NUMERO POSTI
MORSETTO 10A GRIGIO	M10A 2P G	16	2 (MORSETTO BIPOLARE)
MORSETTO 10A ARANCIO	M10A 2P AR	16	2 (MORSETTO BIPOLARE)

MORSETTI 16 IN TERMOPLASTICO CR 1ª SERIE

BIPOLARI - TRIPOLARI

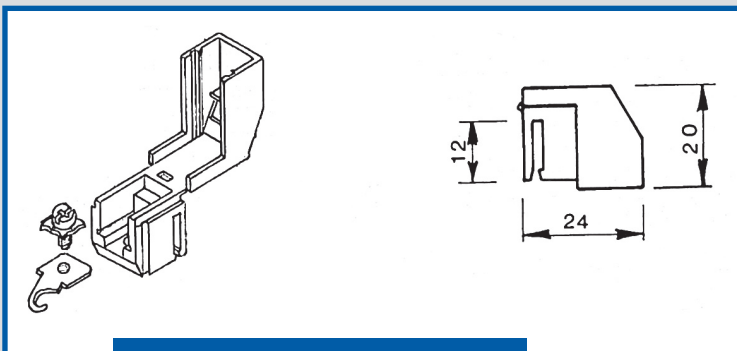


CONFEZIONE STANDARD: 200/250 Pz.
STANDARD TÛTEN: 200/250 Pz.



TYPE	REF.	h	NUMERO POSTI
MORSETTO 16A GRIGIO	M16A 2P G	20	2 (MORSETTO BIPOLARE)
MORSETTO 16A ARANCIO	M16A 2P AR	20	2 (MORSETTO BIPOLARE)
MORSETTO 16A GRIGIO	M16A 3P G	30	3 (MORSETTO TRIPOLARE)
MORSETTO 16A ARANCIO	M16A 3P AR	30	3 (MORSETTO TRIPOLARE)

MORSETTI 30 IN TERMOPLASTICO CR 1ª SERIE



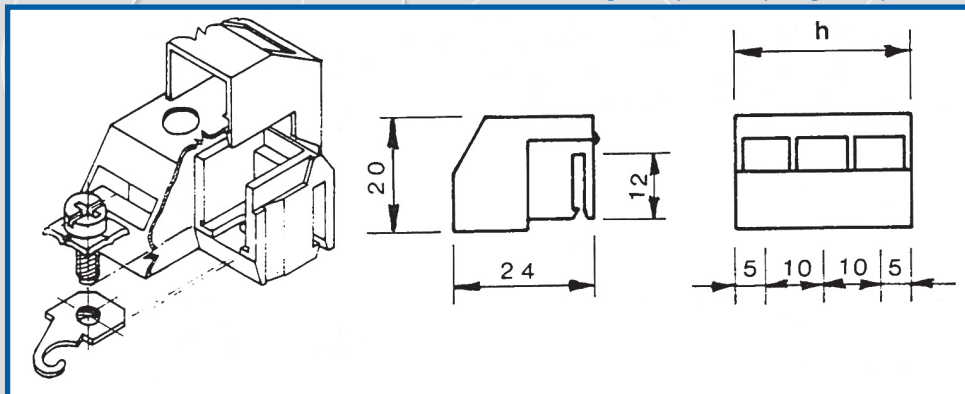
CONFEZIONE STANDARD: 500 Pz.
STANDARD TÛTEN: 500 Pz.



TYPE	REF.	h	NUMERO POSTI
MORSETTO 30A GRIGIO	M30A 1P G	13	1 (MORSETTO UNIPOLARE)
MORSETTO 30A ARANCIO	M30A 1P AR	13	1 (MORSETTO UNIPOLARE)

NOTA: MORSETTI VENDIBILI SOLO IN CONFEZIONI STANDARD

BIPOLARI - TRIPOLARI



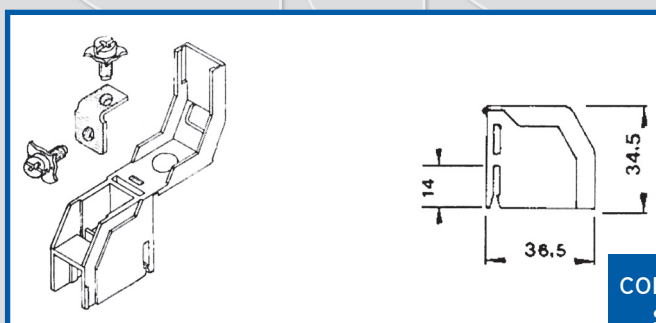
Reg.-Nr. 134254

TYPE	REF.	h	NUMERO POSTI
MORSETTO 30A GRIGIO	M30A 2P G	26	2 (MORSETTO BIPOLARE)
MORSETTO 30A ARANCIO	M30A 2P AR	26	2 (MORSETTO BIPOLARE)
MORSETTO 30A GRIGIO	M30A 3P G	39	3 (MORSETTO TRIPOLARE)
MORSETTO 30A ARANCIO	M30A 3P AR	39	3 (MORSETTO TRIPOLARE)

CONFEZIONE STANDARD: 200 Pz.
STANDARD TÜTEN: 200 Pz.

CONFEZIONE STANDARD: 150 Pz.
STANDARD TÜTEN: 150 Pz.

MORSETTI 63 IN TERMOPLASTICO CR 1ª SERIE



CONFEZIONE STANDARD: 150 Pz.
STANDARD TÜTEN: 150 Pz.

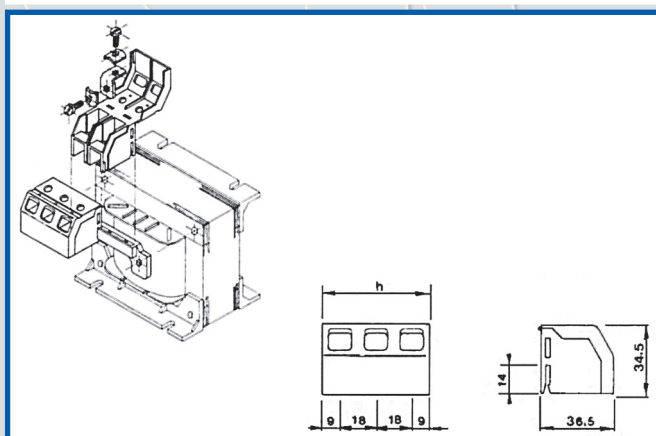


Reg.-Nr. 134257

TYPE	REF.	h	NUMERO POSTI
MORSETTO 63A GRIGIO	M63A 1P G	18,6	1 (MORSETTO UNIPOLARE)
MORSETTO 63A ARANCIO	M63A 1P AR	18,6	1 (MORSETTO UNIPOLARE)

BIPOLARI - TRIPOLARI

PER LA VERSIONE A 2 POSTI E A 3 POSTI
IL COPERCHIO VIENE FORNITO A PARTE



TYPE	REF.	h	NUMERO POSTI
COPERCHIO 63A GRIGIO	C63A 2PG	36	2 (MORSETTO BIPOLARE)
COPERCHIO 63A ARANCIO	C63A 2P AR	36	2 (MORSETTO BIPOLARE)
COPERCHIO 63A GRIGIO	C63A 3P G	54	3 (MORSETTO TRIPOLARE)
COPERCHIO 63A ARANCIO	C63A 3P AR	54	3 (MORSETTO TRIPOLARE)

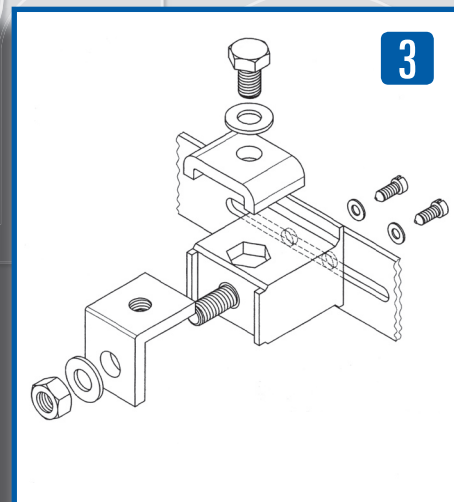
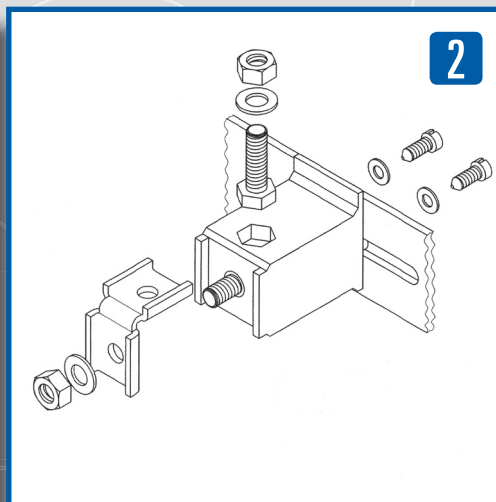
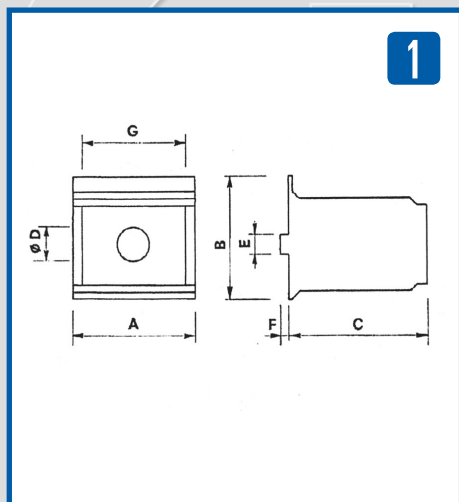
TYPE	REF.	h	NUMERO POSTI
MORSETTO 63A GRIGIO	M63A 2P G	36	2 (MORSETTO BIPOLARE)
MORSETTO 63A ARANCIO	M63A 2P AR	36	2 (MORSETTO BIPOLARE)
MORSETTO 63A GRIGIO	M63A 3P G	54	3 (MORSETTO TRIPOLARE)
MORSETTO 63A ARANCIO	M63A 3P AR	54	3 (MORSETTO TRIPOLARE)

CONFEZIONE STANDARD: 150 Pz.
STANDARD TÜTEN: 150 Pz.

CONFEZIONE STANDARD: 100 Pz.
STANDARD TÜTEN: 100 Pz.



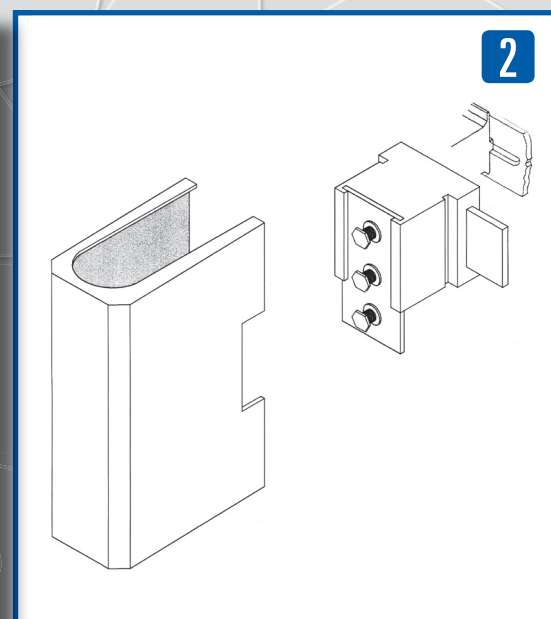
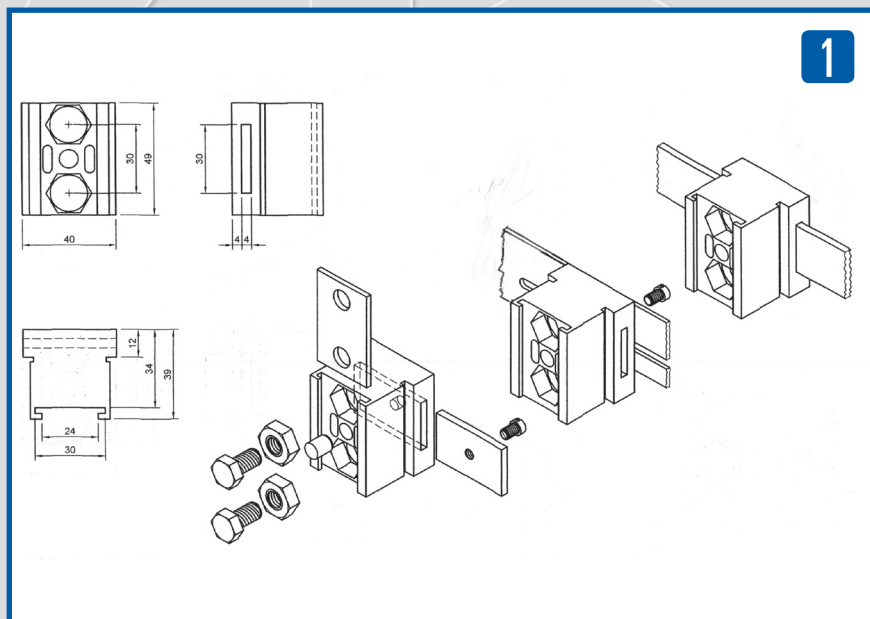
Reg.-Nr. 134257



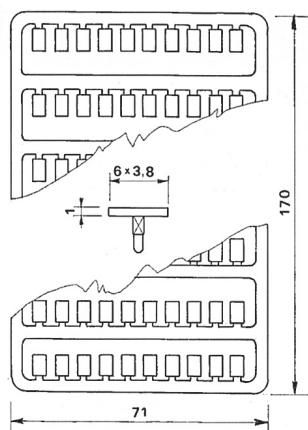
TYPE	REF.	A	B	C	D	E	F	G	DISEGNO
M6	M6-RP6	26	34,5	38	6,5	5,5	2,5	20,5	1
M8	M8-RP6	36	34,5	38	8,5	5,5	2,5	30,5	1
M6/60	M6/60A	SOLO CON VITE 6MA + BULLONE							2
M6/150	M6/150A	CON VITE 6MA + PIASTRA + BULLONE							2
M8/100	M8/100A	SOLO CON VITE 8MA + BULLONE							3
M8/300	M8/300A	CON VITE 8MA + PIASTRA + BULLONE							3

MORSETTI TRIFASE CON PROTEZIONE CR 2ª SERIE

A150/A250

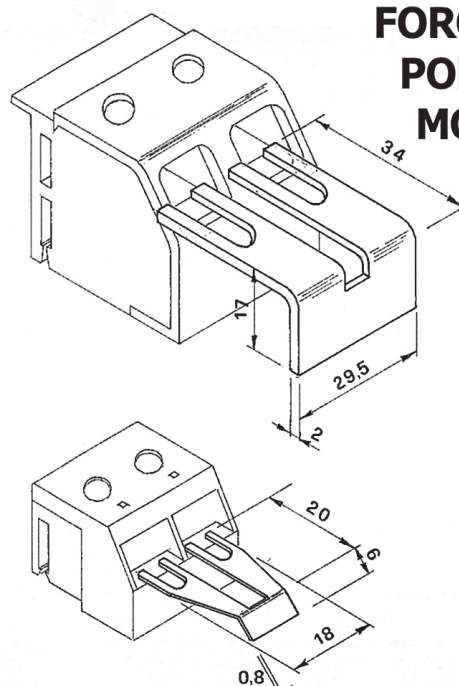


TYPE	REF	LAMINA	SPESSORE	DIMENSIONE	DISEGNO
M 150 A	MTR 150	25 x 50	3	40 x 49 BIBOLARE	1
M 250 A	MTR 250	25 x 70	3	40 x 49 TRIPOLARE	2
COPERCHIO	COP MTR			40 X 110	2

ETICHETTE PER
MORSETTI

NOTA: NUMERI A RICHIESTA

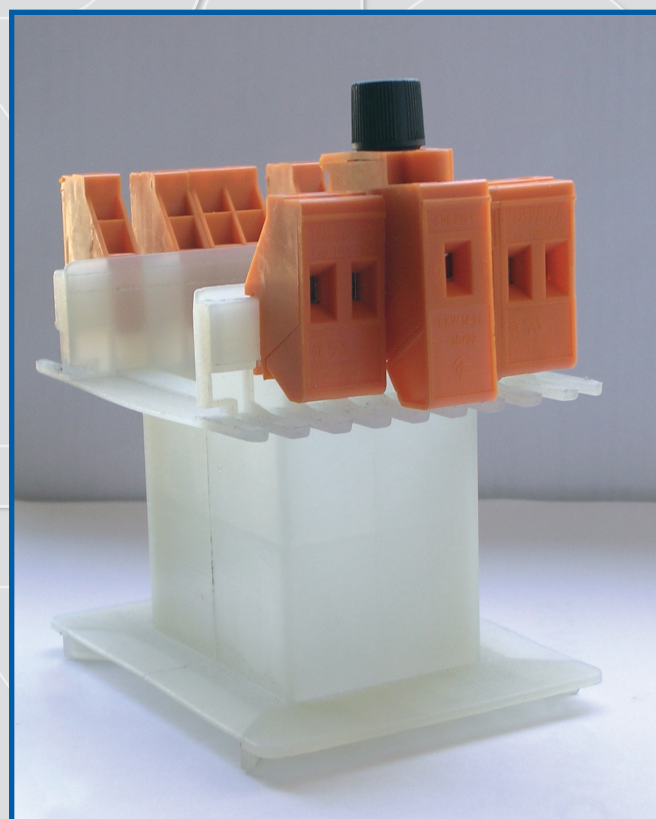
TYPE	REF.
NEUTRE	ET/MOR/NEUTRA
SERIGRAFATE	ET/MOR/...
SERIGRAFATE DISPONIBILI	0;1;2;3;4;5;6;7;8;9;11;12;16; 18;23;24;25,5;26,5;29;31,5; 42;45;48;55;100;110;115; 200;220;230;240;380; 400;415;420;440;460;N; IN;OUT;P1;P2;P3;S1;S2;S3; L1;L2;PRI;SEC;-2,5%;+2,5%; -5%;+5%;-10%;+10%; -15%;+15%;

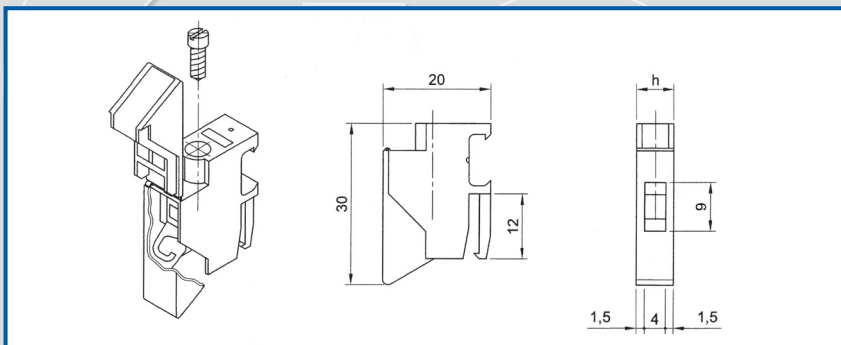
FORCELLE A
PONTE PER
MORSETTI

TYPE	REF.
FORCELLA A PONTE PER 30A	PONTE 30A
FORCELLA A PONTE PER 63A	PONTE 63A

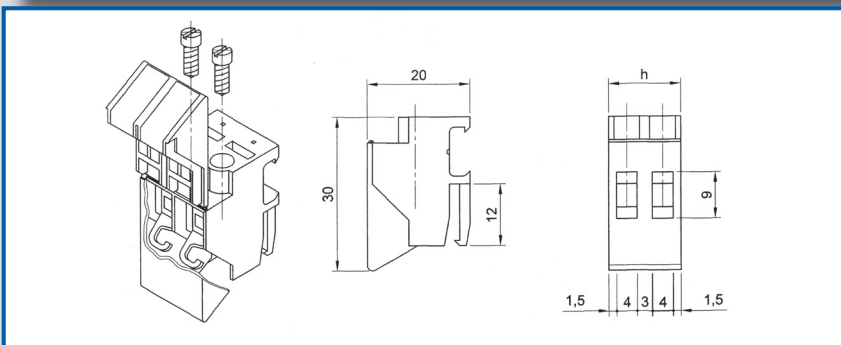
MORSETTI 16A-30A E PORTAFUSIBILE SERIE "K"

**OMOLOGAZIONE
UL - VDE
ENTRO 2007**

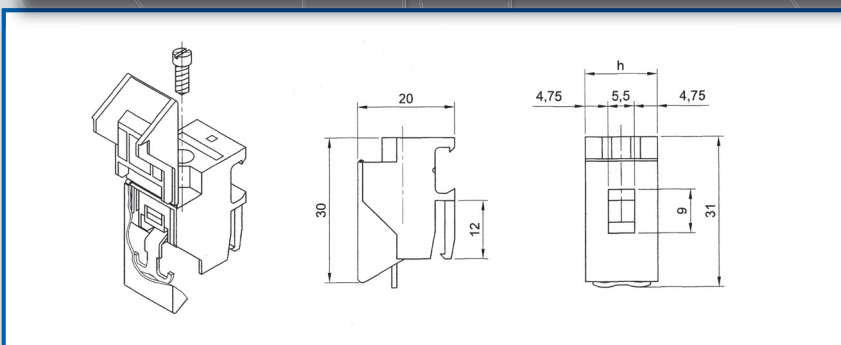




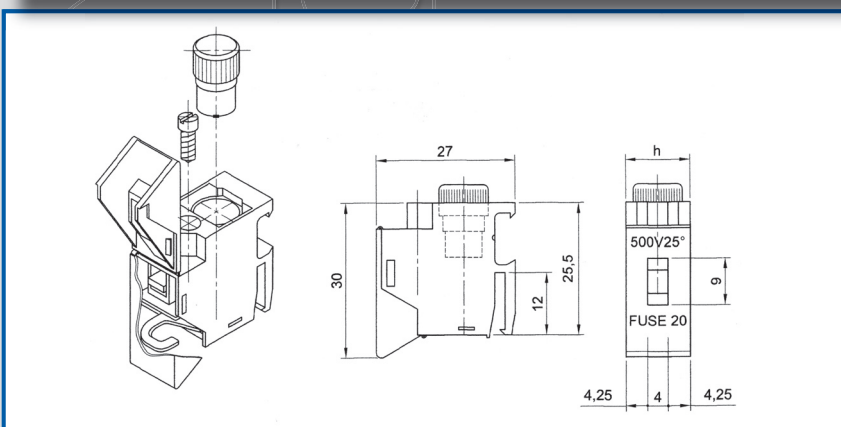
TYPE	REF
MORSETTI 16A 1 POSTO ARANCIO	M16A1PKAR
MORSETTI 16A 1 POSTO GRIGIO	M16A1PKG



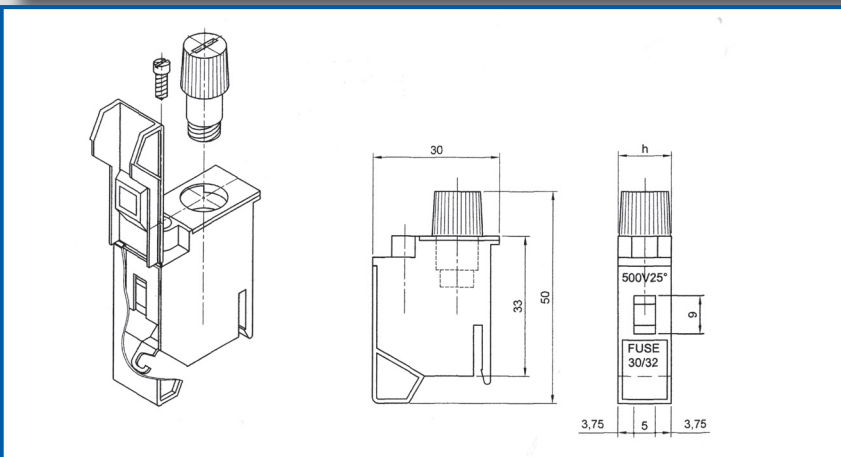
TYPE	REF
MORSETTI 16A 2 POSTI ARANCIO	M16A2PKAR
MORSETTI 16A 2 POSTI GRIGIO	M16A2PKG



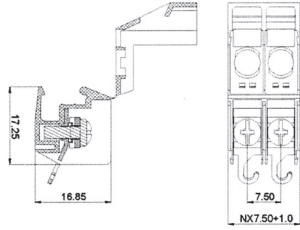
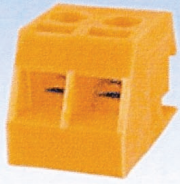
TYPE	REF
MORSETTI 30A 1 POSTO ARANCIO	M30A1PKAR
MORSETTI 30A 1 POSTO GRIGIO	M30A1PKG



TYPE	REF
MORSETTI 16A 1P FUSE ARANCIO	M16A1PFUAR
MORSETTI 16A 1P FUSE GRIGIO	M16A1PFUG

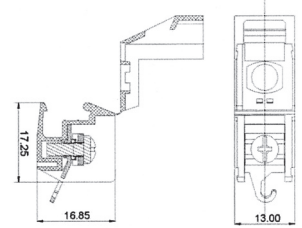


TYPE	REF
MORSETTI 30A 1P FUSE ARANCIO	M30A1PFUAR
MORSETTI 30A 1P FUSE GRIGIO	M30A1PFUG



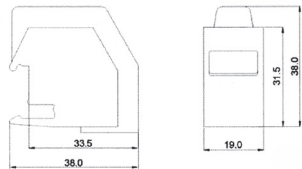
TS 2.5

**M16A2PTS
M16A3PTS**



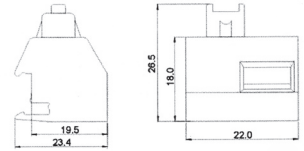
TS 4

M30A1PTS



TS 10

M63A1PTS



TSF 2.5

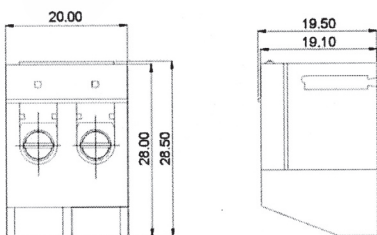
M16AFUTSF

MORSETTI SERIE "PH"

NEW



TSB 2.5

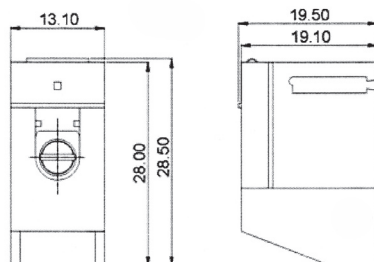


**M16A2PTSB
M16A3PTSB**

NEW



TSB 4

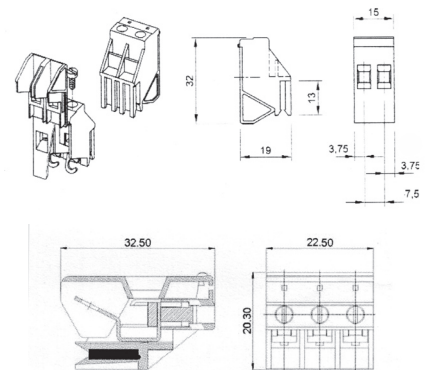


M30A1PTSB

NEW



TSCB 4



**M16A1PTSCB
M16A2PTSCB
M16A3PTSCB**



MK 2.5

Larghezza / Lunghezza / Larghezza copertura	6 / 41 / 1.5 mm
Altezza (NS35/7.5 - NS35/15 - NS32)	42.5 / 50 / 42.5 mm
Tensione nominale / MAX corrente di carico	800V / 24A
Tensione impulsiva di dimens. Grado di inquinamento	8kV/3
sezione nomilale / Sezione conduttori	0.5 - 2.5 mm ² / 22 - 12 AWG
Lunghezza spelatura	10 mm
filettatura / Coppia di serraggio	M2.5 / 0.4 - 0.8Nm
Tipo di materiale a norma UL94	PA/V-0



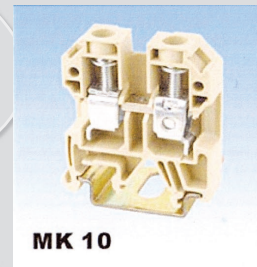
MK 4

Larghezza / Lunghezza / Larghezza copertura	6,5 / 42 / 1.5 mm
Altezza (NS35/7.5 - NS35/15 - NS32)	47.5 / 55 / 47.5 mm
Tensione nominale / MAX corrente di carico	800V / 32A
Tensione impulsiva di dimens. Grado di inquinamento	8kV/3
sezione nomilale / Sezione conduttori	0.5 - 4 mm ² / 22 - 12 AWG
Lunghezza spelatura	12 mm
filettatura / Coppia di serraggio	M3 / 0.5 - 1.0Nm
Tipo di materiale a norma UL94	PA/V-0



MK 6

Larghezza / Lunghezza / Larghezza copertura	8 / 42 / 1.5 mm
Altezza (NS35/7.5 - NS35/15 - NS32)	47.5 / 55 / 47.5 mm
Tensione nominale / MAX corrente di carico	800V / 41A
Tensione impulsiva di dimens. Grado di inquinamento	8kV/3
sezione nomilale / Sezione conduttori	0.5 - 6 mm ² / 22 - 8 AWG
Lunghezza spelatura	12 mm
filettatura / Coppia di serraggio	M3.5 / 0.8 - 1.6Nm
Tipo di materiale a norma UL94	PA/V-0



MK 10

Larghezza / Lunghezza / Larghezza copertura	10 / 42 / 1.5 mm
Altezza (NS35/7.5 - NS35/15 - NS32)	47.5 / 55 / 47.5 mm
Tensione nominale / MAX corrente di carico	800V / 57A
Tensione impulsiva di dimens. Grado di inquinamento	8kV/3
sezione nomilale / Sezione conduttori	1.5 - 10 mm ² / 14 - 6 AWG
Lunghezza spelatura	12 mm
filettatura / Coppia di serraggio	M4 / 2.0Nm
Tipo di materiale a norma UL94	PA/V-0



MK 16

Larghezza / Lunghezza / Larghezza copertura	12 / 50 / 1.5 mm
Altezza (NS35/7.5 - NS35/15 - NS32)	53.5 / 61 / 53.5 mm
Tensione nominale / MAX corrente di carico	800V / 76A
Tensione impulsiva di dimens. Grado di inquinamento	8kV/3
sezione nomilale / Sezione conduttori	4 - 16 mm ² / 22 - 6 AWG
Lunghezza spelatura	15 mm
filettatura / Coppia di serraggio	M4 / 2.0 - 2.4Nm
Tipo di materiale a norma UL94	PA/V-0



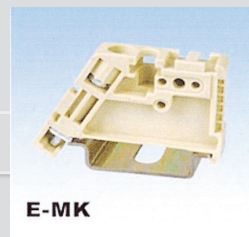
MK 35

Larghezza / Lunghezza / Larghezza copertura	18 / 58 / 1.5 mm
Altezza (NS35/7.5 - NS35/15 - NS32)	63.5 / 71 / 63.5 mm
Tensione nominale / MAX corrente di carico	800V / 125A
Tensione impulsiva di dimens. Grado di inquinamento	8kV/3
sezione nomilale / Sezione conduttori	10 - 35 mm ² / 8 - 2 AWG
Lunghezza spelatura	20 mm
filettatura / Coppia di serraggio	M6 / 5.0Nm
Tipo di materiale a norma UL94	PA/V-0



MK 70

Larghezza / Lunghezza / Larghezza copertura	22 / 75 / 1.5 mm
Altezza (NS35/7.5 - NS35/15 - NS32)	87 / 94.5 / 87 mm
Tensione nominale / MAX corrente di carico	800V / 192A
Tensione impulsiva di dimens. Grado di inquinamento	8kV/3
sezione nomilale / Sezione conduttori	16 - 70 mm ² / 6 - 00 AWG
Lunghezza spelatura	24 mm
filettatura / Coppia di serraggio	M8 / 6 - 12Nm
Tipo di materiale a norma UL94	PA/V-0



E-MK



DEK5, DEK6



**D-MK2.5 D-MK4
D-MK16 D-MK35**



TSCH3, TSCH1



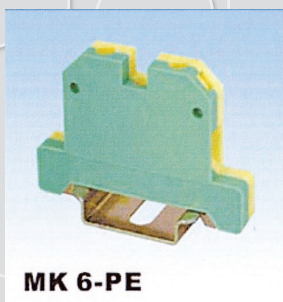
MK 2.5-PE

Larghezza / Lunghezza	6 / 36.5 mm - 6 / 56 mm
Altezza (NS35/7.5 - NS35/15 - NS32)	- / - / 49.5 mm - 40 / 47.5 / - mm
Sezione nominale / Sezione conduttori	0.5 - 2.5 mm ² / 22 - 14 AWG
Lunghezza spelatura	10 mm
Punto di connessione: filettatura / coppia di serraggio	M2.5 / 0.4 - 0.7Nm
Fissaggio: filettatura / coppia di serraggio	M3 / 0.5 - 1.0Nm
Tipo di materiale a norma UL94	PA/V-0



MK 4-PE

Larghezza / Lunghezza	6.5 / 40 mm - 6.5 / 56 mm
Altezza (NS35/7.5 - NS35/15 - NS32)	- / - / 51.5 mm - 44 / 51.5 / - mm
Sezione nominale / Sezione conduttori	0.5 - 4 mm ² / 22 - 10 AWG
Lunghezza spelatura	12 mm
Punto di connessione: filettatura / coppia di serraggio	M3 / 0.5 - 1.0Nm
Fissaggio: filettatura / coppia di serraggio	M3 / 0.5 - 1.0Nm
Tipo di materiale a norma UL94	PA/V-0



MK 6-PE

Larghezza / Lunghezza	8 / 56 mm
Altezza (NS35/7.5 - NS35/15 - NS32)	44 / 51.5 / - mm
Sezione nominale / Sezione conduttori	0.5 - 6 mm ² / 20 - 8 AWG
Lunghezza spelatura	12 mm
Punto di connessione: filettatura / coppia di serraggio	M3.5 / 1.2 - 2.0Nm
Fissaggio: filettatura / coppia di serraggio	M3 / 0.5 - 1.0Nm
Tipo di materiale a norma UL94	PA/V-0



MK 10-PE

Larghezza / Lunghezza	10 / 40 mm - 10 / 56 mm
Altezza (NS35/7.5 - NS35/15 - NS32)	- / - / 51.5 mm - 44 / 51.5 / - mm
Sezione nominale / Sezione conduttori	0.5 - 10 mm ² / 20 - 8 AWG
Lunghezza spelatura	12 mm
Punto di connessione: filettatura / coppia di serraggio	M4 / 1.2 - 2.0Nm
Fissaggio: filettatura / coppia di serraggio	M3 / 0.5 - 1.0Nm
Tipo di materiale a norma UL94	PA/V-0



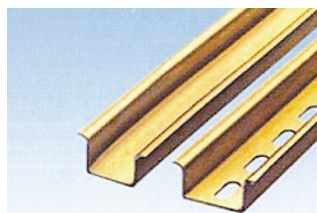
MK 16-PE

Larghezza / Lunghezza	12 / 50 mm - 12 / 50 mm
Altezza (NS35/7.5 - NS35/15 - NS32)	- / - / 57.5 mm - 50 / 57.5 / - mm
Sezione nominale / Sezione conduttori	2.5 - 16 mm ² / 12 - 6 AWG
Lunghezza spelatura	16 mm
Punto di connessione: filettatura / coppia di serraggio	M4 / 1.2 - 2.4Nm
Fissaggio: filettatura / coppia di serraggio	M3 / 0.8 - 1.0Nm
Tipo di materiale a norma UL94	PA/V-0

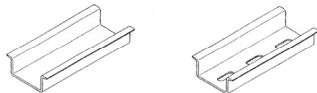


MK 35-PE

Larghezza / Lunghezza	16 / 58 mm - 16 / 58 mm
Altezza (NS35/7.5 - NS35/15 - NS32)	- / - / 67.5 mm - 60 / 67.5 / - mm
Sezione nominale / Sezione conduttori	10 - 35 mm ² / 8 - 2 AWG
Lunghezza spelatura	20 mm
Punto di connessione: filettatura / coppia di serraggio	M6 / 2.5 - 5.0Nm
Fissaggio: filettatura / coppia di serraggio	M4 / 1.2 - 1.6Nm
Tipo di materiale a norma UL94	PA/V-0



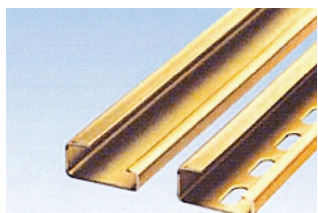
NS35/15

NS 35/15 NON ASOLATA
a norma EN 60 715

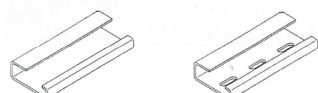
NS35/15

NS 35/15 ASOLATA
a norma EN 60 715

NS35/15A



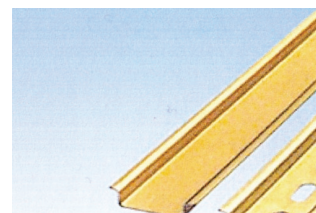
NS-32

NS 32 NON ASOLATA
a norma EN 60 715

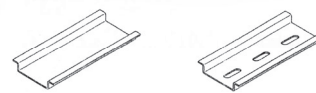
NS32

NS 32 ASOLATA
a norma EN 60 715

NS32A



NS35/7.5

NS 35/7.5 NON ASOLATA
a norma EN 60 715

NS35/7.5

NS 35/7.5 ASOLATA
a norma EN 60 715

NS35/7.5A

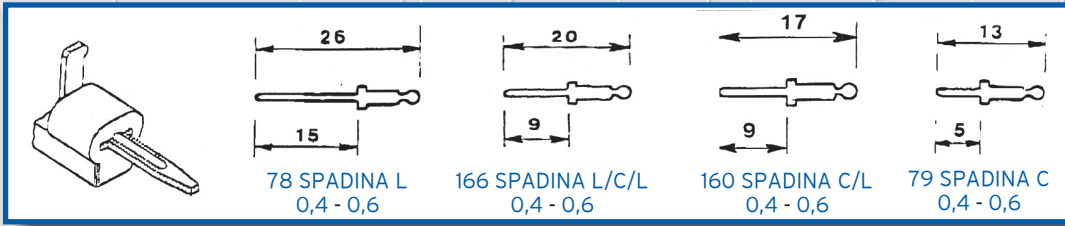


PICOTS
LÖTANSCHLUSSE
SOLDERING CONNECTIONS
TERMINALI OCCHIELLI

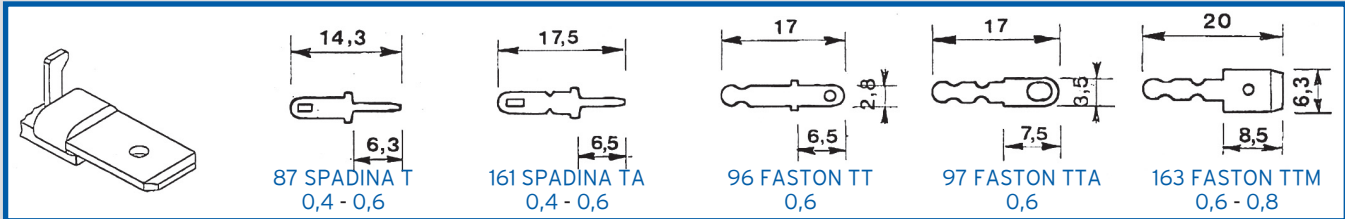
CieRe

pins - picots - lotanschlusse

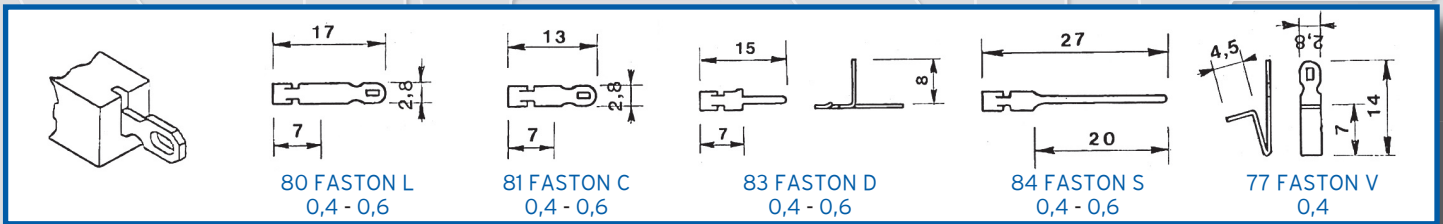
INDICATI PER ROCCHETTI MOD. **S-E**



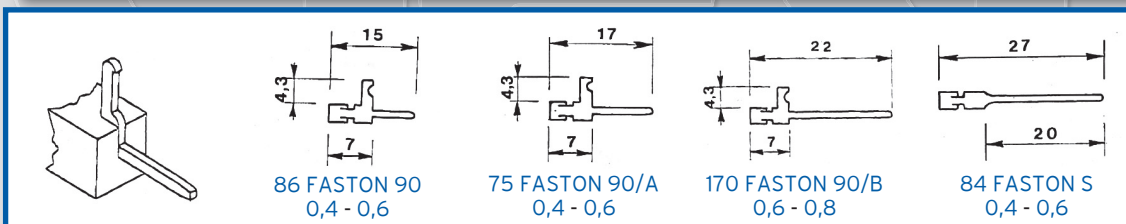
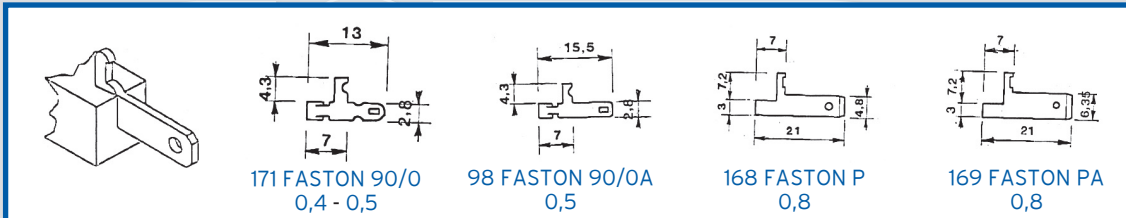
INDICATI PER ROCCHETTI MOD. **F**



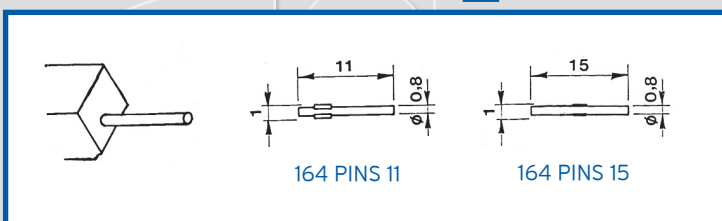
INDICATI PER ROCCHETTI MOD. **E-T**

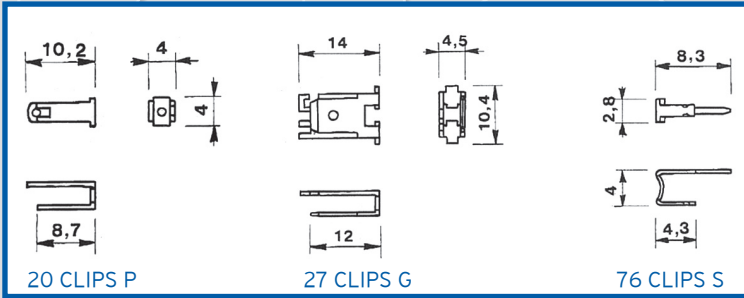


INDICATI PER ROCCHETTI MOD. **A-R**



INDICATI PER ROCCHETTI MOD. **D**



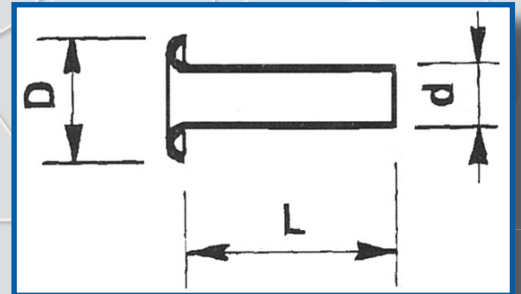


TYPE	REF.	Q.TÁ MINIMA
20CLIPS P	20	3000
27CLIPS G	27	3000
76CLIPS S	76	5000

OCCHIELLI - OU

MATERIALE: OTTONE
FINITURA: GIALLO
SOLO CONFEZIONE STANDARD

ARTICOLO	d	L	D
OU 15	1,5	20÷100	2,5
OU 20	2,0	20÷120	3,5
OU 22	2,2	25÷120	3,7
OU 25	2,5	25÷160	4,0
OU 30	3,0	20÷175	5,0
OU 35	3,5	30÷170	5,5
OU 40	4,0	20÷270	6,0
OU 45	4,5	45÷150	6,5
OU 50	5,0	35÷160	7,5
OU 60	6,0	40÷100	8,0



CieRre

**.....EVERYTHING
AND MORE!**

HAVE YOU A PROJECT?

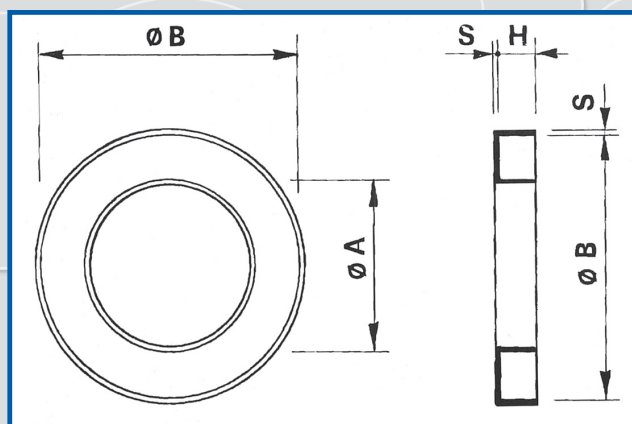
WOULD YOU LIKE A PROPOSAL?

**ARE YOU PLANNING A LARGE PRODUCTION
 AND YOU WANT TO AMORTIZE MOULDS?**

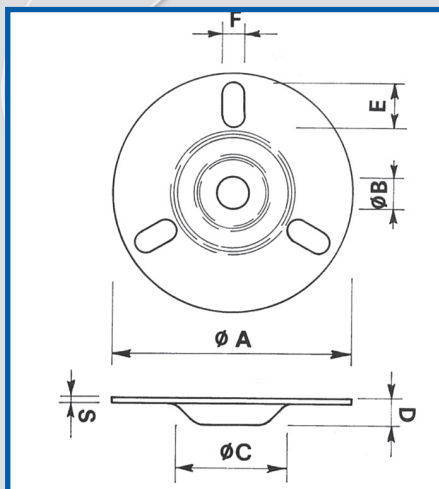
CONSULT US!



TOROIDAL SCHEIßEN UND RINGE
TOROIDAL DISCS AND RINGS
DISCHI E ANELLI TOROIDALI
DISQUES ET ANNEAUX TORIQUES



REF.	$\varnothing A$	$\varnothing B$	H	S	REF.	$\varnothing A$	$\varnothing B$	H	S
TR 1524	15,1	24,5	5,5	0,60	TR 5080	50	80,5	10	0,8
TR 1625	15,5	25	5,5	0,60	TR 5086	50	86	8	0,6
TR 1628	16	28	5,5	0,60	TR 5090	50	90	6	0,6
TR 2031	19,2	31	4,8	0,6	TR 50100	50,5	100,5	10	0,8
TR 2642	25,5	42,2	6,5	0,8	TR 50115	50	115	6	0,6
TR 3050	30	50	5,5	0,5	TR 50120	50	120	7,5	0,6
TR 3052	30	52	5,5	1	TR 50125	50	125	9	0,8
TR 3058	30	58	5,5	0,6	TR 5284	52	84	16	1
TR 3354	33	54	5,75	0,6	TR 5595	55	95	11	0,8
TR 3551	35	51	10,0	0,7	TR 5691	56	91	13	0,8
TR 3560	35	60	8	0,7	TR 56105	56	105	14	0,8
TR 3646	36	46	7	0,7	TR 58121	58	121	10	0,8
TR 3772	37	72	11	0,6	TR 60100	59,1	100,9	10	1
TR 3865	38	75	8,25	0,7	TR 60105	59,3	105	18	0,8
TR 3961	39,5	61	7,5	0,6	TR 60108	60	108	12	0,8
TR 4050	41,5	51,5	12	0,7	TR 60110	60	110	12	0,8
TR 4065	40	65	10	0,6	TR 60120	60	120	12	0,8
TR 4070	40	70	5	0,6	TR 60130	60	130	9	1,2
TR 4075	41	75	11,2	0,5	TR 60132	60	132	9	1,2
TR 4085	39,6	85,9	9	1	TR 60135	60	135	8,5	0,8
TR 4550	45	50	10,5	0,7	TR 62132	62,5	131,5	20	1,2
TR 4570	45	70	10	0,7	TR 70110	70	110	8	1,2
TR 4580	44,1	80,9	8	0,8	TR 70135	70	135	11,5	1,2
TR 4595	45	95	6	0,7	TR 80170	80	170	11,5	1
TR 5060	50	60	6	0,6	TR 89199	89,5	199	25	1,2
					TR 89203	89,5	203,5	25	1,2



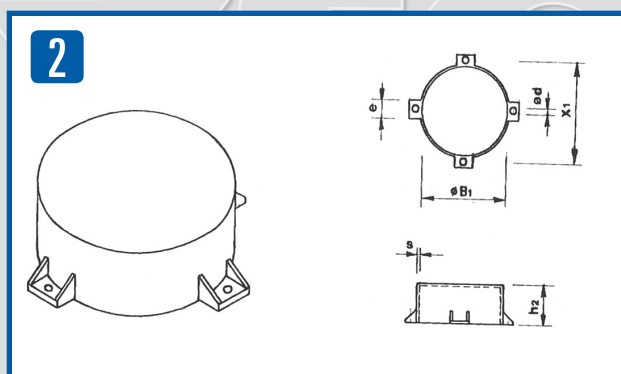
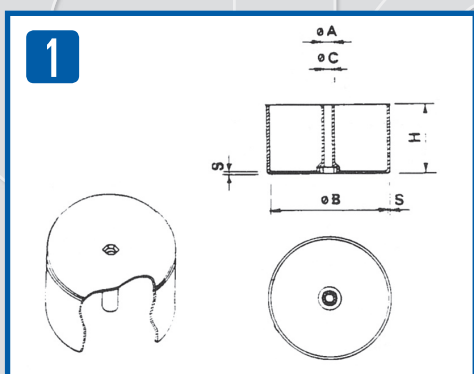
ACCIAIO TROPICALIZZATO

TYPE	A	B	S	DISCO GOMMA
DT 50	50	5,0	1,1	DG 50
DT 60	60	5,5	1,2	DG 60
DT 78	78	8,2	1,2	DG 80
DT 90	90	7,4	1,2	DG 90
DT 110	110	7,4	1,5	DG 110
DT 130	130	9,3	1,5	DG 130

MATERIALE TERMOPLASTICO RP3 155°

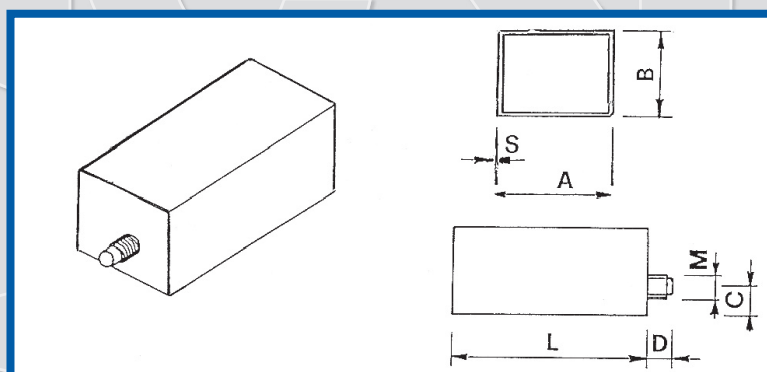
TYPE	A	B	C	D	E	F	S
DISCO 60/6-11	60	6,3 e 11	30	7,0			1,8
DISCO 80/6-11	80	6,3 e 11	35	8,2	15		1,8
DISCO 90/6-11	90	6,3 e 11	42	10,0	18	8	2,0
DISCO 110/6-11	110	6,3 e 11	42	10,0	28	8	2,5
DISCO 130/6-11	130	6,3 e 11	42	10,0	38	8	2,5

CONTENITORI PER NUCLEI TOROIDALI APERTI

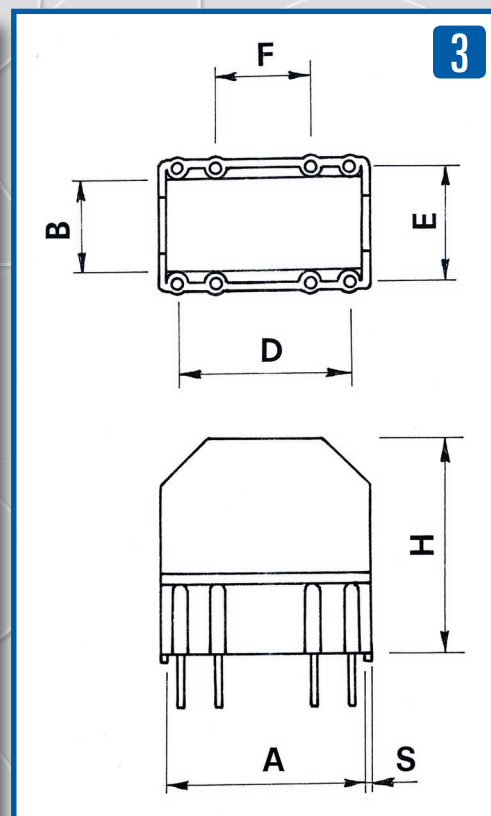
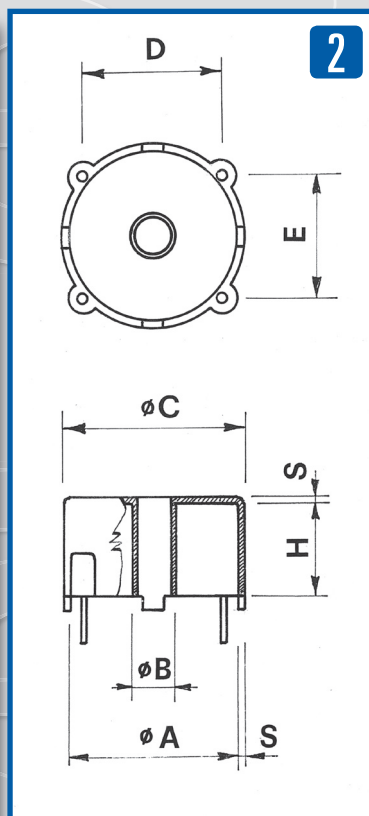
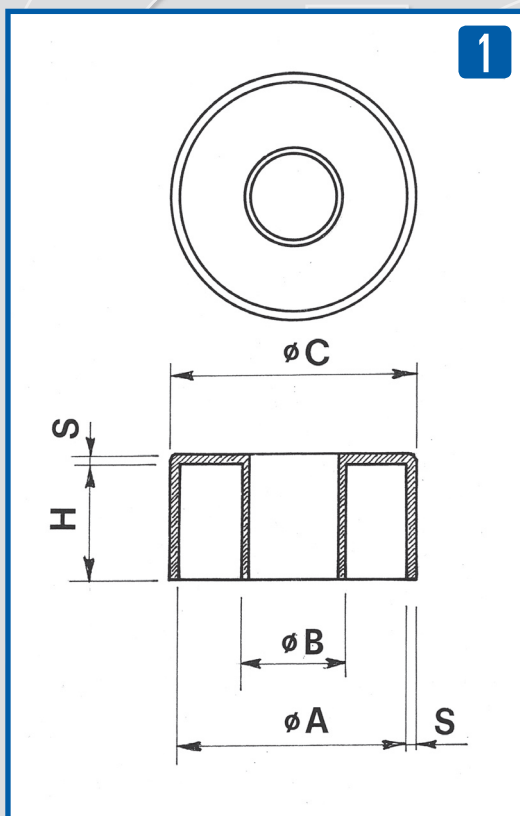


TYPE	$\varnothing A$	B1	$\varnothing C$	$\varnothing d$	e	H	S	X ₁	DISEGNO
SO TR 69		68		3,3	16	33,2	1,5	80	2
SO TR 79		77		3,3	16	36,2	1,5	90	2
SO TR 96	9,6	93,5	6,5			44,2	1,5		1
SO TR 105		103		4,3	16	43,2	1,5	115	2

SCATOLE PER ILLUMINOTECNICA



TYPE	REF.	M	A	B	C	D	E	L	S
SIL 84	SIL 84	8	44,6	26,0	22,3	10,6		84,2	1
SIL 160	SIL 160	8	46,0	30,0	22,5	10,0		160	1,2



TYPE	A	B	C	H	S	NOTE	DISEGNO
SOTR 28	28,6	11,8	30,6	15	1	CON FORO	1
SOTR 38	38,5		41	20	1,25	SENZA CENTRALE	1

TYPE	A	B	C	D	E	H	S	numero term.	NOTE	DISEGNO
SOTR 15/2	15,2		17	15	10	9,5	0,9		SENZA FORO CENTRALE	2
SOTR 15/3	15,8	3,9	17,61	14	12,5	8,1	0,9		CON FORO	2
SOTR 15/4	15,8	3,9	17,6	14	12,5	14,1	0,9		CON FORO	2
SOTR 20	20,5		21,9	20	12,5	12,3	0,7		SENZA FORO CENTRALE	2
SOTR 23	23,9	5,9	25,7	20	17,5	13,1	0,9		CON FORO	2
SOTR 24	24		26	20	17,5	13	1		SENZA FORO CENTRALE	2
SOTR 25	24,9		26,9	25	15	14,5	1		SENZA FORO CENTRALE	2
SOTR 30	30		32	30	20	17	1		SENZA FORO CENTRALE	2

TYPE	A	B	D	E	F	H	S	NU. ± 1 TERMINALI	DISEGNO
FIL 16	16	8	15	10	5	17,5	0,8	4+4	3
FIL 21	21	9,3	20	12,5	10	23	0,9	4+4	3
FIL 25	25,2	12	22,5	15	12,5	28	0,9	4+4	3
FIL 30	30	13		15	12,5	32	1	2+2	3

TIPO type	TIPO SUPPORTO Backing type	SPESORE SUPPORTO Baking thickness	SPESORE TOTALE Total thickness	TIPO ADESIVO Adhesive type	COLORE Colour	ADESIVITÀ ACCIAIO Peel adhesive	CARICO DI ROTTURA Tensile strength	ALLUNGAMENTO A.R. Elongation	RIGIDITÀ DIELETRICA Breakdown voltage	CORROSIONE ELETTROLIT. Electrolytic corrosion	CLASSE TERMICA Thermal class	OMOLOGAZIONE Certifications	ESEMPI DI APPLICAZIONE End use suggestions
		mm.	mm.			N/cm	N/cm	%	KV	KV	°C		
GL 96	Tessuto di vetro Glass cloth	0,10	0,18	SIL	Bianco White	3,0	280	05	2,5	1	180		Grandi motori: elevata resistenza, ininfiammabile Heavy duty motors: high winding tension and high use temperature
P 31	Film PET PET film	0,023	0,06	R-TS	Giallo Yellow	4,5	45	90	4,5	1	130		Componenti elettronici. Piccoli trasformatori. Conformabile Electronic components. Small transformers & coils
PT 25	Film PET non tessuto PET film non woven	0,09	0,13	R-TS	Bianco White	5,0	55	35	4,8	1	130		Avvolgimenti in genere: buona adesività e conformabilità Coils and transformers. Conformable and covering copper wires
GX 50	NOMEX* - fibre di vetro NOMEX* - glass fibers	0,10	0,15	R-TS	Beige Cream	5,0	50	03	1,0	1	155		Trasformatori. Ottima resistenza meccanica Insulation with high mechanical and ageing performances
PX 50	NOMEX* Film PET NOMEX PET film	0,09	0,14	R-TS	Beige Cream	6,0	70	10	5,5	1	155		Bobine e motori. Alta rigidità dielettrica e meccanica Coils and motors. Combining high breakdown voltage and ageing
CS 60	Carta semicrespata Semi-craped paper	0,09	0,13	R-TX	Beige Cream	3,0	30	09	0,8	1	80		Avvolgimenti in genere. Conformabile Coils and transformers. Conformable
RE	Reggetta + fibra vetro	0,09	0,13	R-TX	Bianco White	3,0	250	10	0,8	1	80		Per trasformatori: usata per bloccaggio carta o stecche



Underwriters Laboratories

(*) Nomex e Kapton sono marchi registrati Dupont de Nemours.

Adesivi, Adhesives

R-TS
R-TX
SIL

Gomma termosetting = rubber thermosetting
Gomma reticolata = Crosslinked rubber
Siliconico = Siliconic

CARATTERISTICHE TECNICHE DEI MATERIALI

DENOMINAZIONE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
	CORRISPONDENZA NORME		CARATTERISTICHE FISICHE		CARATTERISTICHE MECCANICHE		CARATTERISTICHE ELETTRICHE		RESISTENZA TERMICA (continua)		TRA SPINE		SUPERFICIE		NORMALE ALLA STRATIFICAZIONE		PARALLELA ALLA STRATIFICAZIONE						
	CEI	AIEE	DIN 7735	NEMA	MIL-P	RESINA	SUPPORTO	COLORE	P.s Kg/dm ³	ASSORB. H2O 24H - 23°C %	COMPRESS. Kg/dm ²	TRAZIONE Kg/dm ²	FLESSIONE Kg/dm ²	RESILIENZA Kgcm/dm ²	Dur. ROCKWELL HR M	TRACIABILITÀ A FREDDO mm.	TRACIABILITÀ A CALDO 70°C mm.	°C	Ohm	Ohm	Ohm	KV/mm.	KV
BACHELITE	TR		HP 2061	P	78A HSP	Fenolica	Cellulosa pura	MARRONE	1,4	2,0	1800	900	1100	20	90	1,5	2,5	130	10 ³	10 ³	10 ³	10	15
VETRORESINA	G10	B	Hgw2 372	G10	18177 GEE	EPOX	Tessuti di vetro	VERDE	1,9	0,1	4000	1500	3500	100	110	2,5	2,0	155	10 ¹²	10 ¹²	10 ¹²	40	40
VETRORESINA	GP03		Hm24 72	GP03		Poliestere	Tessuti di vetro	ROSSO	1,85	0,2	2600	1000	2000	100	110	-	-	155	10 ¹²	10 ¹²	10 ¹²	30	25

Spessori: mm. 0,5/1/1,5/2/3/4/5/6/7/8/9/10....30

ISOLANTE ELETTRICO CLASSE E 120°C

L' ELECTRON è un cartone pressato di alta qualità, fabbricato esclusivamente con fibre cellulosiche di elevate caratteristiche, senza alcun impiego di colle, cariche, colori.

L' ELECTRON è il solo da noi usato nella fabbricazione dei tubi e rocchetti

L' ELECTRON è un materiale omologato dai Laboratori Italtrafo in conformità alle loro norme.

PROPRIETÀ E CARATTERISTICHE	UNITÀ DI MISURA	ELECTRON IN ROTOLI	ELECTRON IN FOGLI
1/Peso specifico	g/cm ³	1,10-1,25	1,10-1,25
2/Umidità allo stato di fornitura	%	6-8	6-8
3/Ceneri	%	0,5-1	0,5-1
4/Resistenza alla trazione Longitudinale Trasversale	Kg/mm ² Kg/mm ²	10-12 4-5	10-11 7-8
5/Allungamento alla rottura Longitudinale Trasversale	% %	4-5 8-12	8-11 9-12
6/Coefficiente di ritiro massimo Longitudinale Trasversale	% %	1 1,5	1 1,5
7/Assorbimento olio	%	20...10	15...5
8/Prova di tensione in aria Il materiale resiste 5' alla tensione di prova	KV	0,1 mm.- 1,1 KV 0,2 mm.- 2,2 KV 0,3 mm.- 3 KV 0,4 mm.- 4 KV 0,5 mm.- 5 KV	0,5 mm.- 7,5 KV 1 mm.- 12,5 KV 2 mm.- 23 KV 3 mm.- 31 KV 4 mm.- 37 KV
9/Prova di tensione in olio Il materiale resiste 5' alla tensione di prova	KV	-- -- -- -- --	0,5 mm.- 18 KV 1 mm.- 23 KV 2 mm.- 44 KV 3 mm.- 57 KV 4 mm.- 68 KV 5 mm.- 75 KV

Tutte le determinazioni sono state eseguite secondo le Norme CEI 15-2, ED. XI-1956

(I - PRE) PRESSANN

ISOLANTE ELETTRICO CLASSE Y 90°C

IL PRESSANN è un prodotto in fogli. È un classico cartone isolante duro, pressato, di colore arancio, impiegato nell'industria elettrotecnica particolarmente per la fabbricazione di trasformatori e motori con tensioni di esercizio non molto elevate.

PROPRIETÀ E CARATTERISTICHE	U.M.	PRESSANN IN FOGLI	NORME CEI 15/2 tipo A
1/Peso specifico	g/cm ³	1,10-1,25	1,10-1,25
2/Umidità allo stato di fornitura	%	6-8	8
3/Ceneri	%	4-5	10
4/Resistenza alla trazione Longitudinale Trasversale	Kg/mm ² Kg/mm ²	5-6 3,5-4,5	5 2,5
5/Allungamento alla rottura Longitudinale Trasversale	% %	5-7 6-9	-- --
6/Coefficiente di ritiro massimo Longitudinale Trasversale	% %	1 1,5	1,5 1,5
7/Tensione di perforazione in area istantanea	KV/mm.	0,5 mm. -10-12 1 mm. -10-12 2 mm. -9-11 3 mm. -8-10	-- -- -- --
9/Prova di tensione in olio Il materiale resiste 5' alla tensione di prova	KV	0,5 mm. -13 1 mm. -22 2 mm. -34 3 mm. -45	0,5 mm. 13 1 mm. 20 2 mm. 31 3 mm. 41

N.B. - le determinazioni di cui al par.1/2/3/4/6 e 8 sono state eseguite secondo le norme CEI 15-2 ed. XI-1956.

ISOLANTE ELETTRICO CLASSE B 130°C

Il film POLIESTERE è flessibile e con grande resistenza alla trazione a strappi e a urti. Non contiene plastificanti ed in condizioni normali non degrada nel tempo. È inerte ed impermeabile ad olii e grassi e possiede un alto grado di isolamento elettrico. Viene correttamente impiegato come: isolamento elettrico per motori, generatori, trasformatori, bobine, cavi e conduttori; barriera termica e fisica; agente distaccante, interruttori a membrana. Il film POLIESTERE può essere prodotto in vari spessori, può essere sagomato, termoforato e stampato.

PROPRIETÀ E CARATTERISTICHE	U.M.										
Spessore totale (10%)	μ	0,012	0,023	0,036	0,050	0,075	0,10	0,12	0,19	0,25	35
Resa	m ² /Kg.	59,2	30,5	19,9	14,1	9,6	7,2	5,7	3,7	2,9	2,0
Resistenza a trazione											
- Longitudinale	Kg./cm.	1750									
Grammatura	g/m ²	16,9	33,3	50,0	71,4	105,3	140,8	172,4	263,1	357,1	500,0
Rigidità dielettrica a 25°C	KV	280kV/mm									
Temperatura di esercizio	°C	da 70°C a +150°C									
Punto di fusione	°C	250°C + 265°C									
Ritiro a 150°C	%	2% + 3%									

DMD isotherm (rosa saturo - bianco)**ISOLANTE ELETTRICO CLASSE F 155°C**

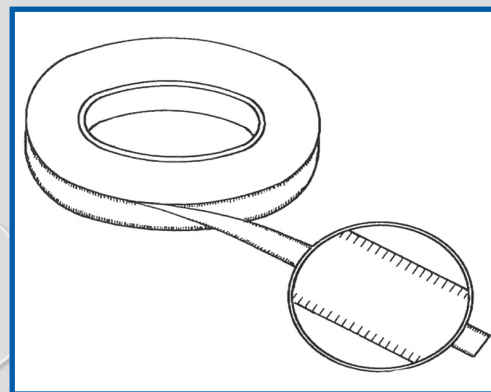
L'ISOTHERM è un "tessuto non tessuto" con film poliestere; resistente alle più alte temperature, con elevato potere assorbente ed una eccellente permeabilità all'aria. Consente una saturazione ottimale da vernici o resine, usate nel processo di impregnazione di macchine elettriche. È comunemente usato per tegolini, isolamento intrafase, isolamento di cava, trasformatori. È raccomandato per l'inserzione automatica in motori elettrici, ed è disponibile in più spessori.

PROPRIETÀ E CARATTERISTICHE	U.M.							
Spessore totale (10%)	m./m.	0,15	0,20	0,23	0,30	0,35	0,45	
Spessore FILM POL.	/u	50	100	125	190	250	350	
Resistenza a trazione								
- Longitudinale	Kg./cm.	14	18	20	25	28	34	
- Trasversale	Kg./cm.	14	18	24	27	30	36	
Grammatura	g/m ²	165	222	254	329	421	551	
Tensione di perforazione	KV	8	10	13	15	18	20	
Temperatura di esercizio	°C	da 70°C a +173°C						
Punto di fusione	°C	260°C						
Ritiro a 150°C	%	2%						

taglio e frastagliatura - cut and indentation

La CIERRE con la sua tecnologia e le sue attrezzature è in grado di fornire nastri tagliati di ogni materiale flessibile, di qualsiasi spessore ed in tutte le larghezze desiderate a partire da un minimo di 7 mm. La frastagliatura consiste in una serie di cesoiature sui bordi del nastro isolante, che gli permettono di seguire il raggio di curvatura delle flange, isolando quindi anche il punto più critico della bobina e cioè la congiunzione tra le flange del rocchetto e l'avvolgimento (da 1mm a 7mm).

The CIERRE with its technology and its equipment is able to furnish cut tape of any flexible material, of any thickness and available in any breadth desired starting from 7 mm as a minimum. The indentation consists in a series of snippings on the borders of the insulating tape, it allows to follow the bending radius of the flanges, so that to insulate even the connection between the reel flanges and the winding, that is the most critical point in the bobbin (from 1mm to 7mm).



ISOLANTE ELETTRICO CLASSE E 120°C

Il CELFLEX è un isolante composto, flessibile, ottenuto mediante accoppiamento di latheroide con un film di poliestere. Il latheroide, che costituisce il supporto del film, è un materiale dielettrico fabbricato con materie prime purissime, selezionate fra qualità particolarmente pregiate di cellulosa.

Il contenuto di ceneri del CELFLEX non supera mai 1,1%; il contenuto di umidità allo stato di fornitura è inferiore al 70%; il peso specifico è di circa 1,30.

Il CELFLEX è un prodotto ottenuto secondo un metodo che assicura l'intima connessione tra latheroide e film, e riunisce quindi in sé le particolari proprietà dielettriche, meccaniche e termiche dei due componenti, garantendo un superiore isolamento con un minor ingombro di cavo.

Il CELFLEX è caratterizzato da elevata rigidità dielettrica anche in presenza di umidità - minima diminuzione di rigidità dielettrica sulla piegatura, eccezionale resistenza meccanica - stabilità dimensionale, resistenza a lacche isolanti, agenti chimici, oli, grassi alta resistenza termica - appartiene alla classe E dei materiali isolanti, cioè può essere impiegato per la costruzione di macchine che hanno come condizione abituale di funzionamento la temperatura di 120 aC.

Spessori standard 1m 0.13 - 0.18 - 0.23 - 0.28 - 0,33... fino a 0,53.

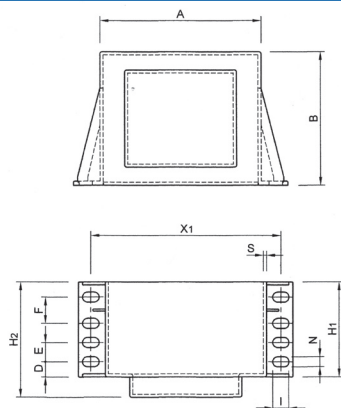
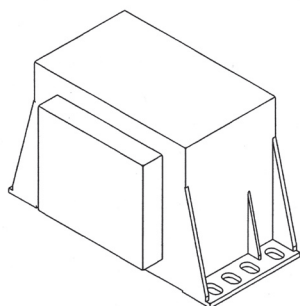
PROPRIETÀ E CARATTERISTICHE	U.M.	S/25		S/50		S/100	D/25		D/50		D/100	M/25
Spessore totale nominale Épaisseur totale nominale	mm.	0,23	0,43	0,25	0,45	0,20	0,25	0,45	0,15	0,25	0,20	0,45
1.a/ Resistenza a trazione, campioni non piegati Résistance à la traction, sur échantillons plats Longitudinale / Long. Trasversale / Trasv.	N/mm ² N/mm ²	100	90	110	120	90	110	120	75	95	80	110
1.a/ Resistenza a trazione, campioni piegati 180° Résistance à la traction, sur échantillons pliés à 180° Longitudinale / Long. Trasversale / Trasv.	N/mm ² N/mm ²	45	45	60	70	70	50	50	65	70	70	60
1.a/ Resistenza a trazione, campioni piegati 180° Résistance à la traction, sur échantillons pliés à 180° Longitudinale / Long. Trasversale / Trasv.	N/mm ² N/mm ²	95	85	90	100	80	100	110	70	90	75	100
2./ Allungamento a rottura, campioni non piegati Allongement à la rupture, sur échantillons plats Longitudinale / Long. Trasversale / Trasv.	% %	7	10	7	8	10	6	7	4	6	6	10
3.a/ Tensione di perforazione, campioni non piegati Tension de perforation, sur échantillons plats	kV	15	15	15	15	18	12	15	12	15	12	18
3.a/ Tensione di perforazione, campioni non piegati Tension de perforation, sur échantillons plats	kV	5,5	6,5	7,5	8,5	12	6	7	9	9,5	14	9
3.b/ Tensione di perforazione, campioni piegati 180° Tension de perforation, sur échantillons pliés à 180°	kV	5	6	7	7,5	11	5,5	6	8	9	13	8,5

IMPORTANT NEWS WE HAVE IMPERIAL DIMENSIONS

UK018 / UK035 / UK029 / UK196 / UK120 / UK248 / UK217

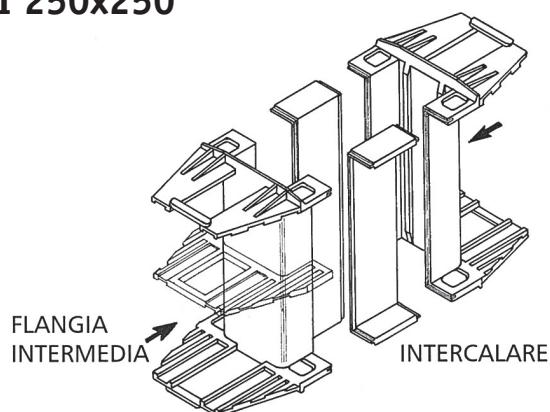
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NUOVE PROSSIME PRODUZIONI 2007



SCATOLINI ORRIZZONTALI/VERTICALI
EI 54 - EI60 - EI66 - EI75

UI 250x250



ROCCHETTI TRIFASE COMPONIBILI