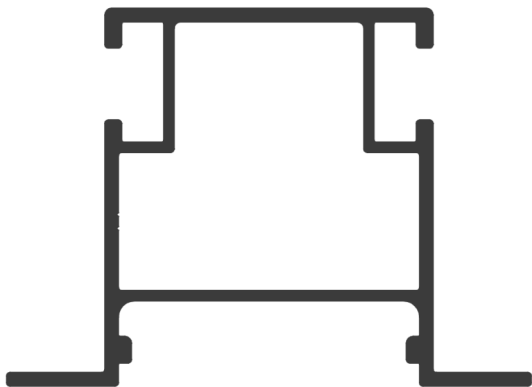




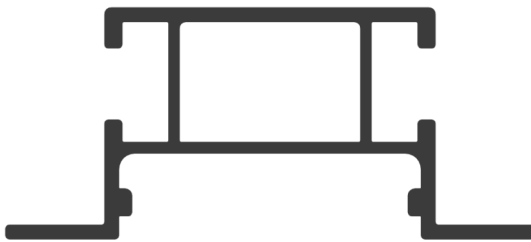
FACCiate VENTILATE

CATALOGO PROFILI E ACCESSORI

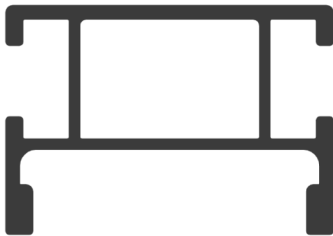
PROFILI ALLUMINIO (cliccare sulle immagini)



PAD49132
80 x 57,5 mm



PAD49133
80 x 35 mm



PAD49134
50 x 35 mm



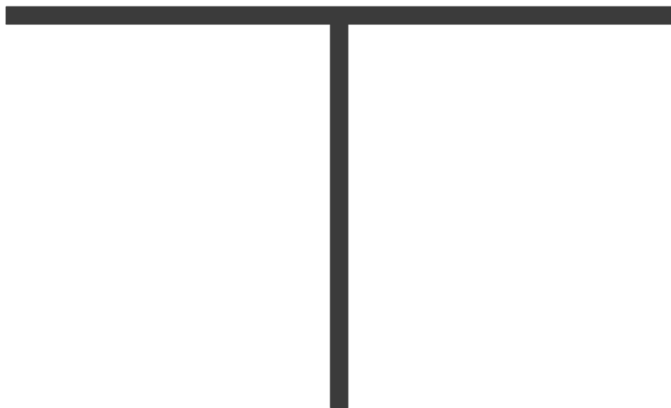
PAD49817
80 x 35 mm



AP0TR0402
40 x 20 mm



AP0TR080202
40 x 20 mm



AP0TD1006025
100 x 60 x 2,5 mm



AP0LU06003
60 x 60 x 3 mm



AP0TD1005518
100 x 55 x 1,8 mm



AP0LD0554018
55 x 40 x 1,8 mm

PROFILI CORRENTI



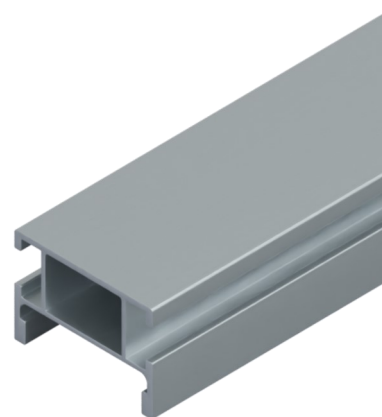
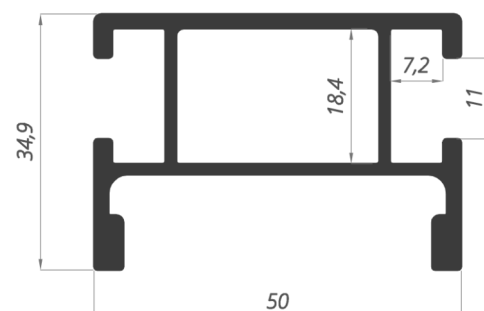
PAD49134

Profilo montante
In alluminio grezzo
in barre L=6300 mm

Cava per testa bullone
M10 standard

(disp. a magazzino)

Peso TEORICO: 947 gr/ml



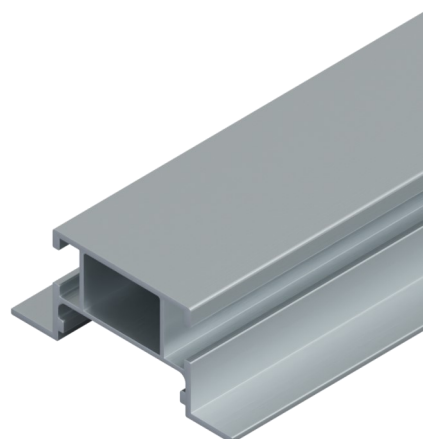
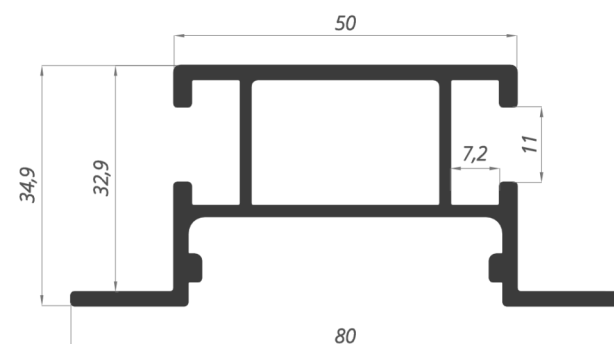
PAD49133

Profilo montante
In alluminio grezzo
in barre L=6300 mm

Cava per testa bullone
M10 standard

(da produzione)

Peso TEORICO: 1071 gr/ml



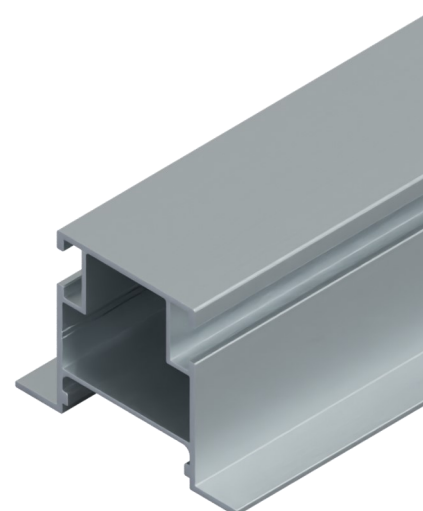
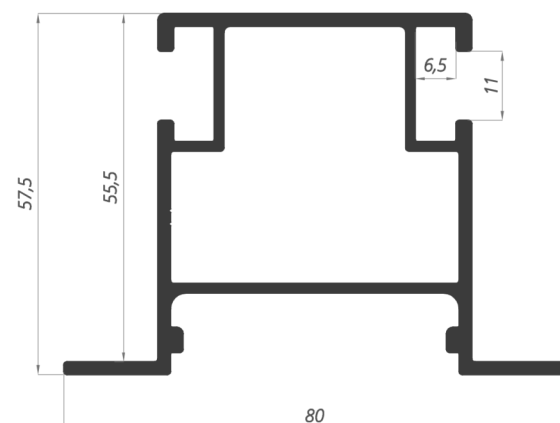
PAD49132

Profilo montante
In alluminio grezzo
in barre L=6300 mm

Cava per testa bullone
M10 ribassato

(da produzione)

Peso TEORICO: 1384 gr/ml

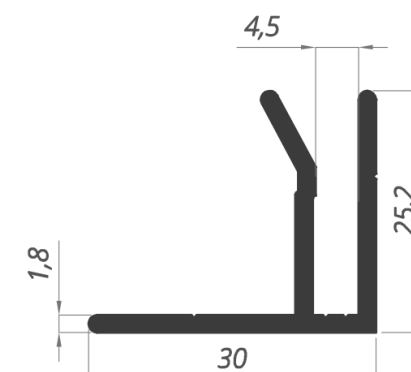


PAD49817

Profilo di chiusura
In alluminio grezzo
in barre L=6300 mm

(da produzione)

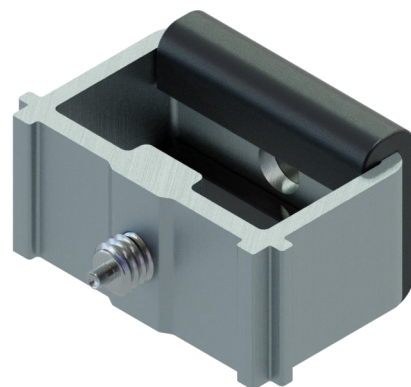
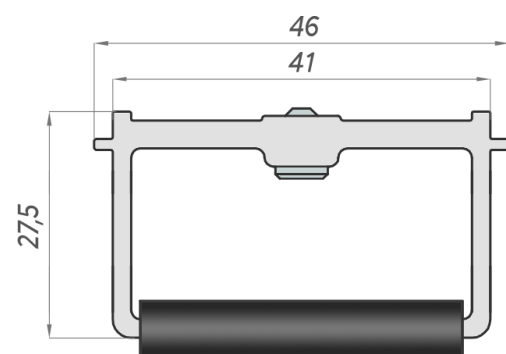
Peso TEORICO: 374 gr/ml



ACCESSORI



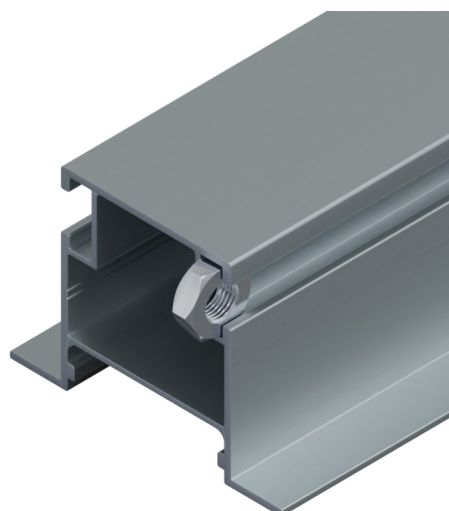
MCFA010
Morsetto ferma pannelli
Con inserto in gomma
antivibrazione



MCFADERM10Z
Dado esagonale M10
ribassato in acciaio zincato



MCFADERM10I
Dado esagonale M10
ribassato in acciaio inox



MCFADEM10Z
Dado esagonale M10
in acciaio zincato



MCFADEM10I
Dado esagonale M10
in acciaio inox



MCFARM10Z
Rondella x viti M10
acciaio zincato

MCFARM10I
Rondella x viti M10
acciaio inox

Necessario solo per
PAD49132



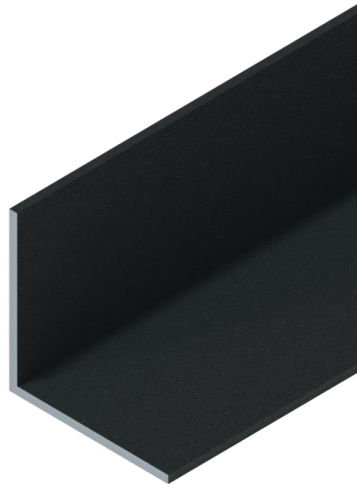
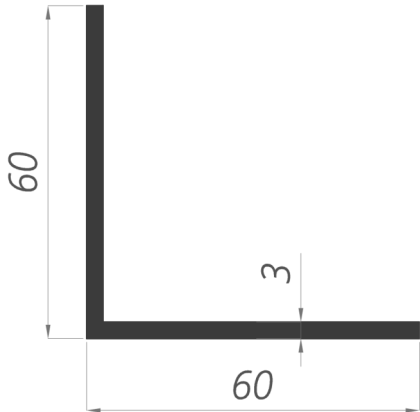
PROFILI CORRENTI



AP0LU06003
Angolare alluminio grezzo
in barre L.6500 mm

AP4LU06003
Angolare alluminio
verniciato nero
in barre L.6500 mm

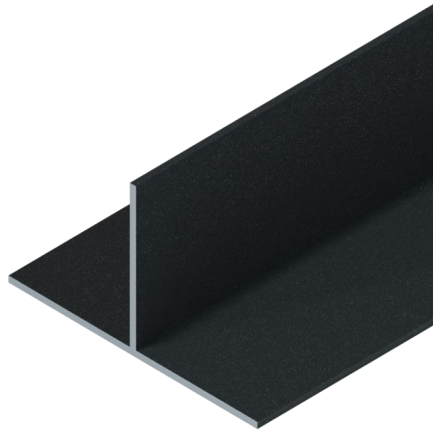
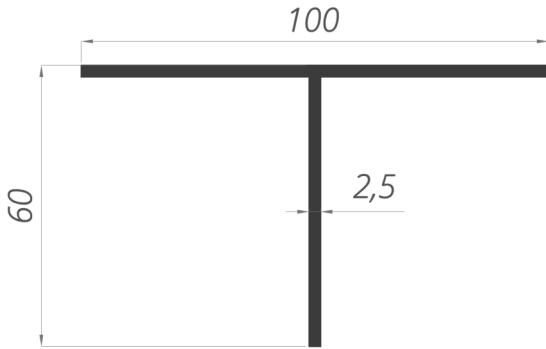
Peso TEORICO: 947 gr/ml



AP0TD1006025
Profilo T alluminio grezzo
in barre L.6500 mm

AP4TD1006025
Profilo T alluminio
verniciato nero
in barre L.6500 mm

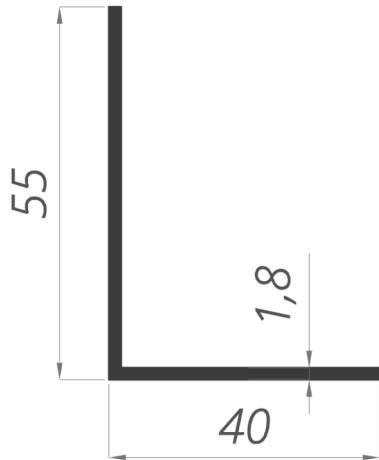
Peso TEORICO: 1063 gr/ml



AP0LD0554018
Angolare alluminio grezzo
in barre L.6500 mm

AP4LD0554018
Angolare alluminio
verniciato nero
in barre L.6500 mm

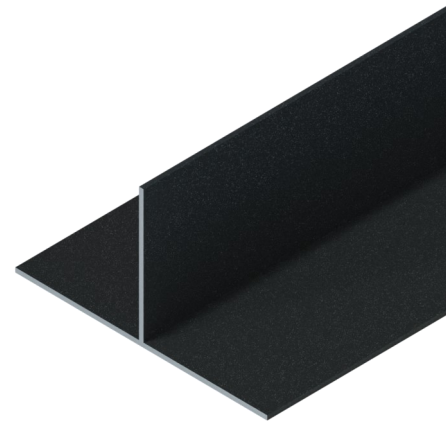
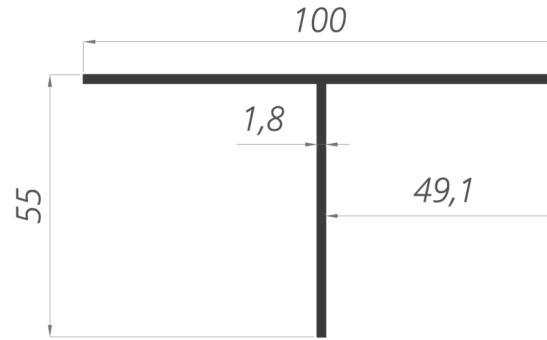
Peso TEORICO: 452 gr/ml



AP0TD1005518
Profilo T alluminio grezzo
in barre L.6500 mm

AP4TD1005518
Profilo T alluminio
verniciato nero
in barre L.6500 mm

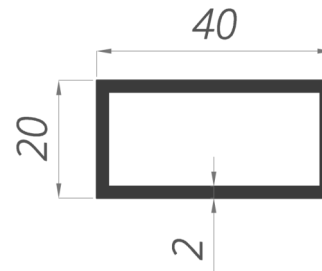
Peso TEORICO: 744 gr/ml



AP0TR040202
Tubo rett. alluminio grezzo
in barre L.6500 mm

AP4TR040202
Tubo rett. Alluminio
verniciato nero
in barre L.6500 mm

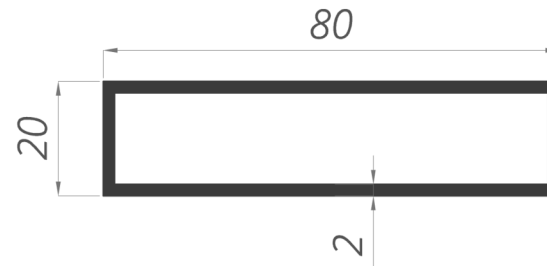
Peso TEORICO: 605 gr/ml



AP0TR080202
Tubo rettangolare
in alluminio grezzo
In barre L.6500 mm

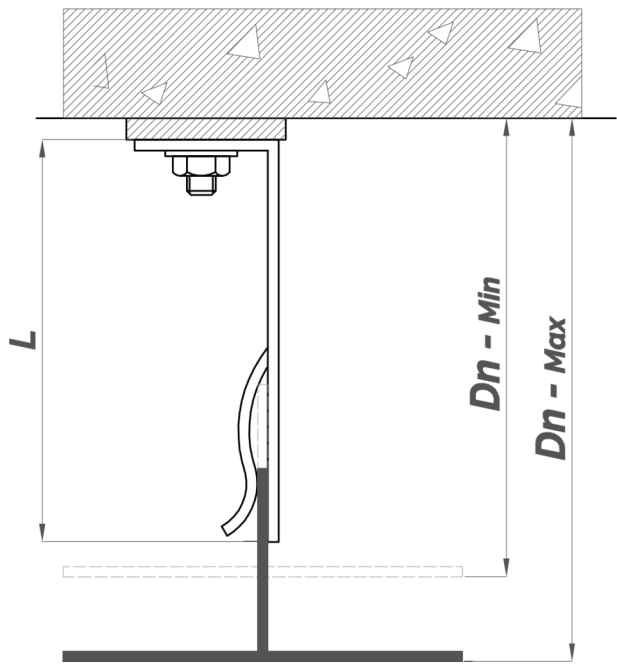
AP4TR080202
Tubo rettangolare in
alluminio verniciato *nero*
in barre L.6500 mm

Peso TEORICO: 1037 gr/ml



STAFFE

SQUADRA ISOLALU LR80
in alluminio 6063 T66
80x160x40x3 mm



* scheda tecnica a seguire

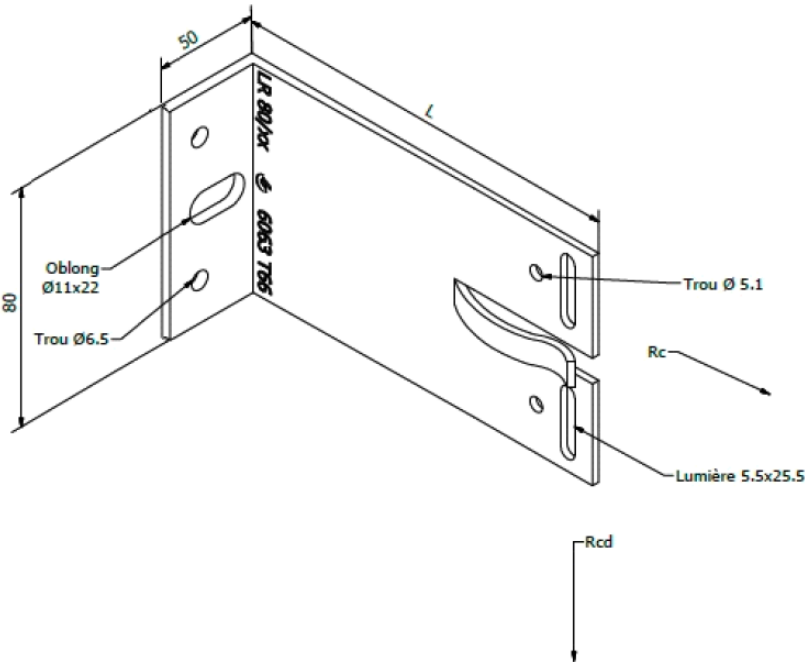
CODICE	DESCRIZIONE	Distanza Min. (mm)	Distanza Max. (mm)
MCFST080040	Staffa ISOLALU L.R. 80 x 40 in Alluminio 6063 T66, spessore 3 mm	55	78
MCFST080060	Staffa ISOLALU L.R. 80 x 60 in Alluminio 6063 T66, spessore 3 mm	73	98
MCFST080080	Staffa ISOLALU L.R. 80 x 80 in Alluminio 6063 T66, spessore 3 mm	93	118
MCFST080100	Staffa ISOLALU L.R. 80 x 100 in Alluminio 6063 T66, spessore 3 mm	113	138
MCFST080120	Staffa ISOLALU L.R. 80 x 120 in Alluminio 6063 T66, spessore 3 mm	133	158
MCFST080140	Staffa ISOLALU L.R. 80 x 140 in Alluminio 6063 T66, spessore 3 mm	153	178
MCFST0801604	Staffa ISOLALU L.R. 80 x 160 in Alluminio 6063 T66, spessore 4 mm	173	198
MCFST0801804	Staffa ISOLALU L.R. 80 x 180 in Alluminio 6063 T66, spessore 4 mm	193	218
MCFST0802004	Staffa ISOLALU L.R. 80 x 200 in Alluminio 6063 T66, spessore 4 mm	213	238
MCFST0802204	Staffa ISOLALU L.R. 80 x 220 in Alluminio 6063 T66, spessore 4 mm	233	258
MCFST0802404	Staffa ISOLALU L.R. 80 x 240 in Alluminio 6063 T66, spessore 4 mm	253	278

N.B. Le Distanze Minime e Massime delle staffe, sono state calcolate in base ai nostri profili



TECHNICAL DATA SHEET No.4360

ISOLALU+ Bracket LR80 Length 40 to 140 mm - Aluminium 6063 T66



Description: Extruded and pressed bracket
Hole Ø 5,1 mm
Opening Ø 5,5 et 13 mm

Thickness: 30/10

Lengths (mm): 40 - 60 - 80 - 100 - 120 - 140

Material: Aluminium alloy 6063 T66

Application: facade insulation system bracket for the vertical fixation of aluminium profile

Characteristic resistance determined from tests of annex 1 of the CSTB 3194 V2 specifications			
Length of the brackets in mm	Load vertical (daN)		Load horizontally (daN)
	R _{cd} 1 mm	R _{cd} 3 mm	
LR80/40	160	160	330
LR80/60	160	160	330
LR80/80	157	158	330
LR80/100	148	152	330
LR80/120	120	140	330
LR80/140	60	121	330

The values indicated in the above table are typical values. In accordance with the specification of the CSTB 3194 V2, should comply with it to determine the eligible resistors.

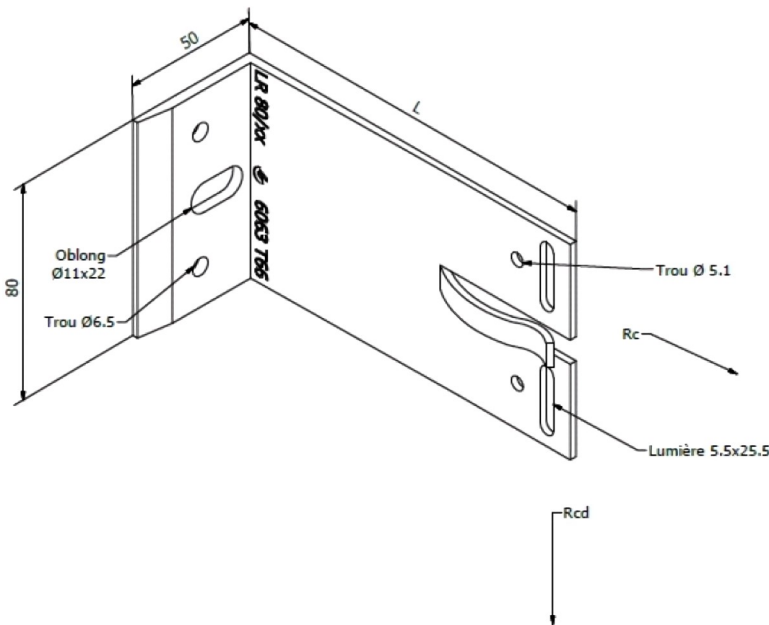
Marking on packaging: bracket ISOLALU+ LR80 + ALU 6063 T66 + lenght, thickness and code.

Quality control: ISO 9001 : 2015

Note: find the brackets ISOLALU+ LR80 length 160 to 300 mm on the data sheet n°4341
the ISOLALU+ LR80 squares length 40 to 140 mm on the technical data sheet n°4360
the ISOLALU+ LR160 squares length 160 to 300 mm on the data sheet n°4342

TECHNICAL DATA SHEET No.4341

ISOLALU+ Bracket LR80 Aluminium 6063 T66



Description: Extruded and pressed bracket
Hole Ø 5,1 mm
Opening Ø 5,5 et 13 mm

Wing thickness: 25/10 (thick on the last 40 mm)

Sole thickness: thickness 40/10

Lengths (mm): 160 - 180 - 200 - 220 - 240 - 260 - 280 - 300

Material: Aluminium alloy 6063 T66

Application: facade insulation system bracket for the vertical fixation of aluminium profile

Characteristic resistance determined from tests of annex 1 of the CSTB 3194 V2 specifications

Length of the brackets in mm	Load vertical (daN)		Load horizontally (daN)
	R _{cd} 1 mm	R _{cd} 3 mm	
LR80/160	62	125	500
LR80/180	51	104	500
LR80/200	40	88	500
LR80/220	35	76	500
LR80/240	32	68	500
LR80/260	27	56	500
LR80/280	24	48	500
LR80/300	23	44	500

The values indicated in the above table are typical values. In accordance with the specification of the CSTB 3194 V2, should comply with it to determine the eligible resistors.

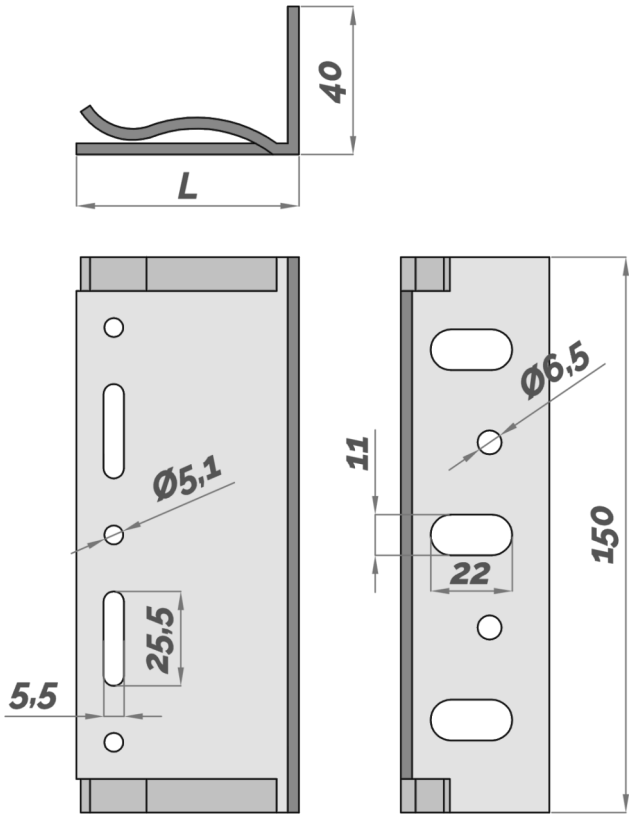
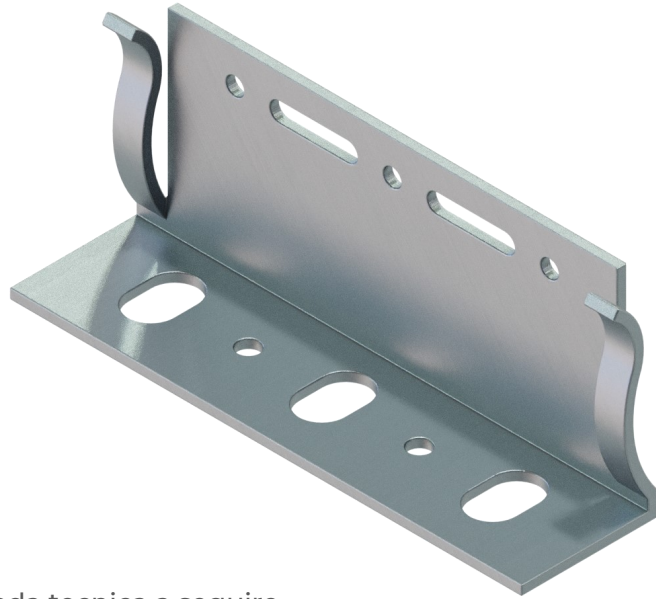
Marking on packaging: bracket ISOLALU+ LR80 + ALU 6063 T66 + lenght, thickness and code.

Quality control: ISO 9001 : 2015



STAFFE

SQUADRA ISOLALU LR150
in alluminio 6063 T66
150x60x40x3 mm



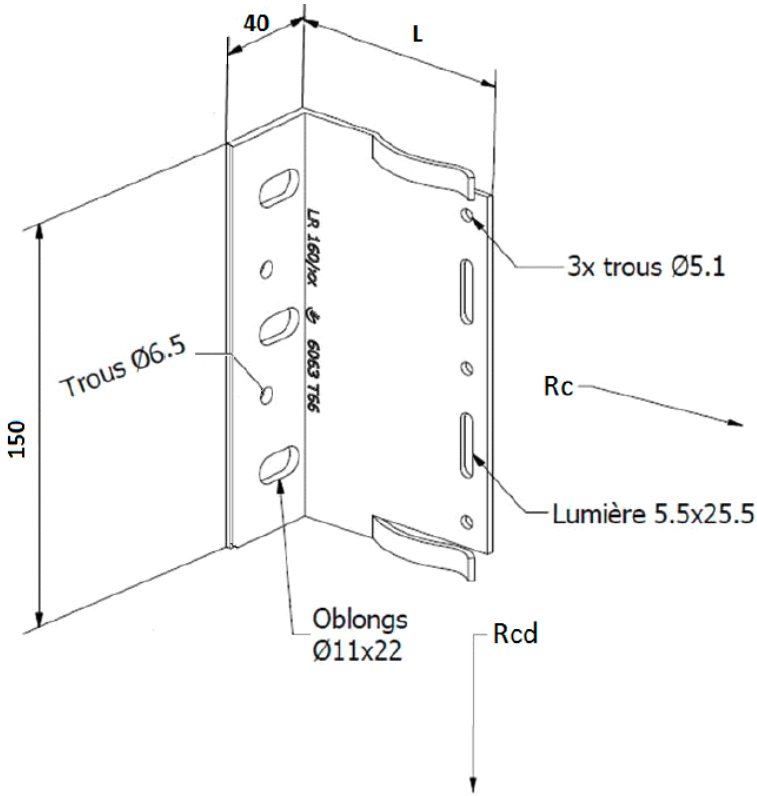
* scheda tecnica a seguire

CODICE	DESCRIZIONE	Distanza Min. (mm)	Distanza Max. (mm)
MCFSTI50040	Staffa ISOLALU L.R. 150 x 40 in Alluminio 6063 T66, spessore 3 mm	55	78
MCFSTI50060	Staffa ISOLALU L.R. 150 x 60 in Alluminio 6063 T66, spessore 3 mm	73	98
MCFSTI50080	Staffa ISOLALU L.R. 150 x 80 in Alluminio 6063 T66, spessore 3 mm	93	118
MCFSTI50100	Staffa ISOLALU L.R. 150 x 100 in Alluminio 6063 T66, spessore 3 mm	113	138
MCFSTI50120	Staffa ISOLALU L.R. 150 x 120 in Alluminio 6063 T66, spessore 3 mm	133	158
MCFSTI50140	Staffa ISOLALU L.R. 150 x 140 in Alluminio 6063 T66, spessore 3 mm	153	178
MCFSTI601604	Staffa ISOLALU L.R. 160 x 160 in Alluminio 6063 T66, spessore 4 mm	173	198
MCFSTI601804	Staffa ISOLALU L.R. 160 x 180 in Alluminio 6063 T66, spessore 4 mm	193	218
MCFSTI602004	Staffa ISOLALU L.R. 160x 200 in Alluminio 6063 T66, spessore 4 mm	213	238
MCFSTI602204	Staffa ISOLALU L.R. 160 x 220 in Alluminio 6063 T66, spessore 4 mm	233	258
MCFSTI602404	Staffa ISOLALU L.R. 160 x 240 in Alluminio 6063 T66, spessore 4 mm	253	278

N.B. Le Distanze Minime e Massime delle staffe, sono state calcolate in base ai nostri profili

TECHNICAL DATA SHEET No.4358

ISOLALU+ Bracket LR150 Length 40 to 140 mm - Aluminium 6063 T66



Description: Extruded and pressed bracket
Hole Ø 5,1 mm
Opening Ø 5,5 et 11 mm

Thickness: 30/10

Lengths (mm): 40 - 60 - 80 - 100 - 120 - 140

Material: Aluminium alloy 6063 T66

Application: facade insulation system bracket for the vertical fixation of aluminium profile

Characteristic resistance determined from tests of annex 1 of the CSTB 3194 V2 specifications			
Length of the brackets in mm	Load vertical (daN)		Load horizontally (daN)
	R _{cd} 1 mm	R _{cd} 3 mm	
LR150/40	900	900	500
LR150/60	670	670	500
LR150/80	530	530	500
LR150/100	420	420	500
LR150/120	310	340	500
LR150/140	230	285	500

The values indicated in the above table are typical values. In accordance with the specification of the CSTB 3194 V2, should comply with it to determine the eligible resistors.

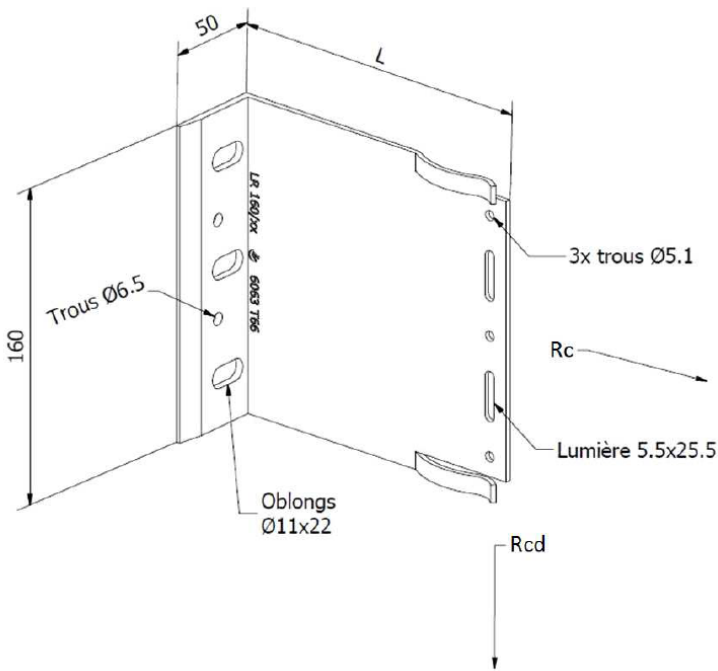
Marking on packaging: bracket ISOLALU+ LR150 + ALU 6063 T66 + lenght, thickness and code.

Note: find the brackets ISOLALU+ LR80 length 160 to 300 mm on the data sheet n°4341
the ISOLALU+ LR80 squares length 40 to 140 mm on the technical data sheet n°4360
the ISOLALU+ LR160 squares length 160 to 300 mm on the data sheet n°4342

Quality control: ISO 9001 : 2015

TECHNICAL DATA SHEET No.4342

ISOLALU+ Bracket LR160 Aluminium 6063 T66



Description: Extruded and pressed bracket
Hole Ø 5,1 mm
Opening Ø 5,5 et 11 mm

Wing thickness: 25/10 (thick on the last 40 mm)

Sole thickness: thickness 40/10

Lengths (mm): 160 - 180 - 200 - 220 - 240 - 260 - 280 - 300

Material: Aluminium alloy 6063 T66

Application: facade insulation system bracket for the vertical fixation of aluminium profile

Characteristic resistance determined from tests of annex 1 of the CSTB 3194 V2 specifications

Length of the brackets in mm	Load vertical (daN)		Load horizontally (daN)
	R _{cd} 1 mm	R _{cd} 3 mm	
LR160/160	343	388	975
LR160/180	260	364	975
LR160/200	235	305	975
LR160/220	209	281	975
LR160/240	175	240	975
LR160/260	142	210	975
LR160/280	115	188	975
LR160/300	95	170	975

The values indicated in the above table are typical values. In accordance with the specification of the CSTB 3194 V2, should comply with it to determine the eligible resistors.

Marking on packaging: bracket ISOLALU+ LR160 + ALU 6063 T66 + lenght, thickness and code.

Quality control: ISO 9001 : 2015



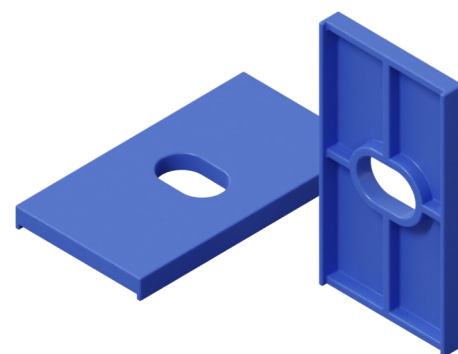
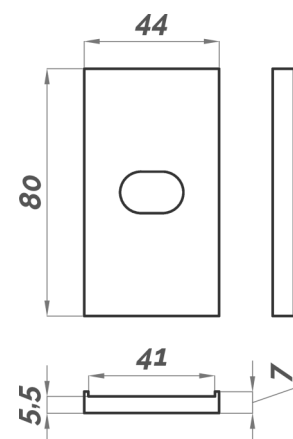
ACCESSORI



DXF

Spessore Thermostop per LR80

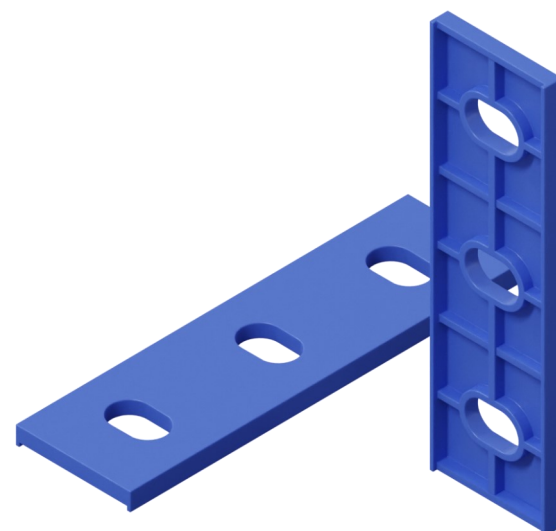
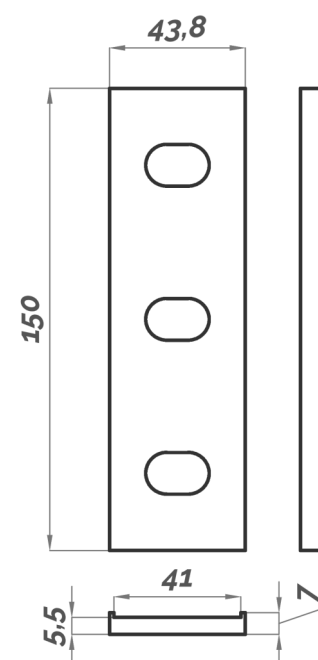
In materiale plastico
Cod. MCFTH080



DXF

Spessore Thermostop per LR150

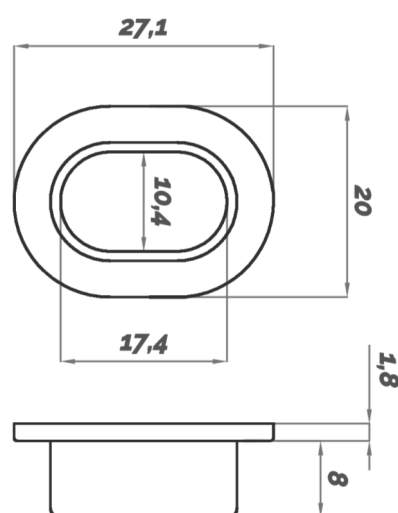
In materiale plastico
Cod. MCFTH150



DXF

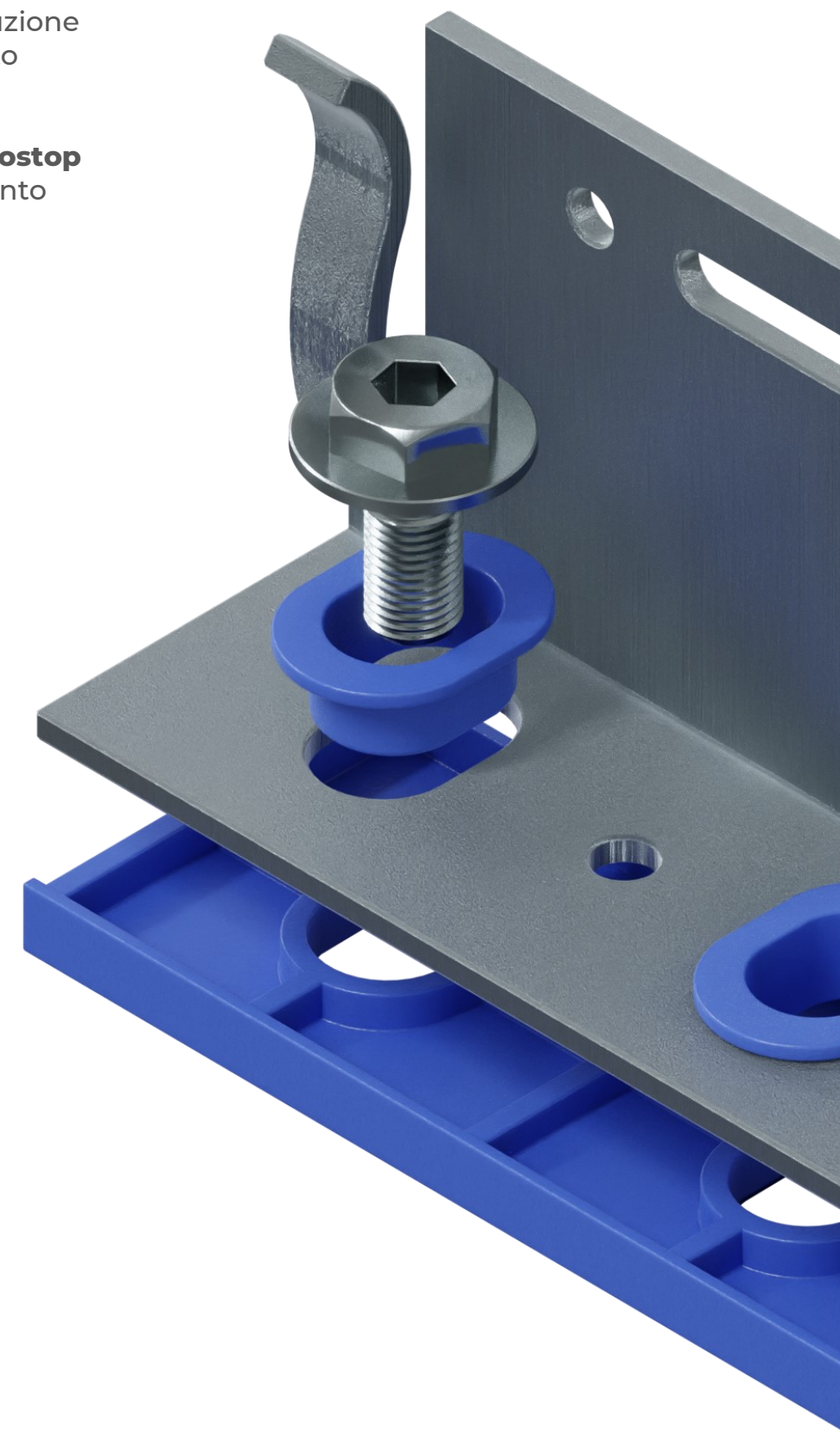
Rondella Thermostop

In materiale plastico
Cod. MCFTH020
(minimo 1000 pezzi)



Il **Thermostop** assicura l'interruzione del ponte termico tra il supporto murario e la staffa di alluminio.

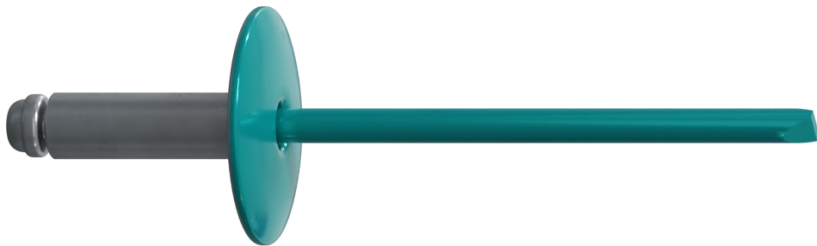
La forma del distanziale **Thermostop** aumenta le capacità di isolamento termico.



ACCESSORI



Rivetti estetici
per fissaggio rivestimenti

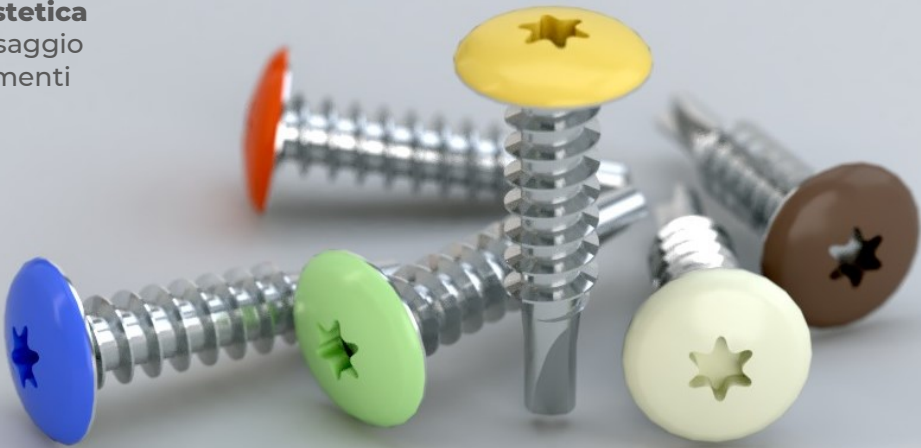


CODICE	RIVETTI INOX GREZZI per pannelli da 8 a 10 mm di spessore	Sp.Min. Fissabile (mm)	Sp.Max. Fissabile (mm)
MCFRIV016048016	Rivetto 4.8x16 mm Corpo allum. / Chiodo Inox A2 - Testa Ø16 mm	10	12
MCFRIV018048016	Rivetto 4.8x18 mm Corpo allum. / Chiodo Inox A2 - Testa Ø16 mm	12	14

CODICE	RIVETTI INOX LACCATI A POLVERE (MINIMO 1000 pezzi)	Sp.Min. Fissabile (mm)	Sp.Max. Fissabile (mm)
MCFRIV016048016L	Rivetto 4.8x16 mm Corpo allum. / Chiodo Inox A2 - Testa Ø16 mm	10	12
MCFRIV018048016L	Rivetto 4.8x18 mm Corpo allum. / Chiodo Inox A2 - Testa Ø16 mm	12	14



Vite estetica
per fissaggio
rivestimenti



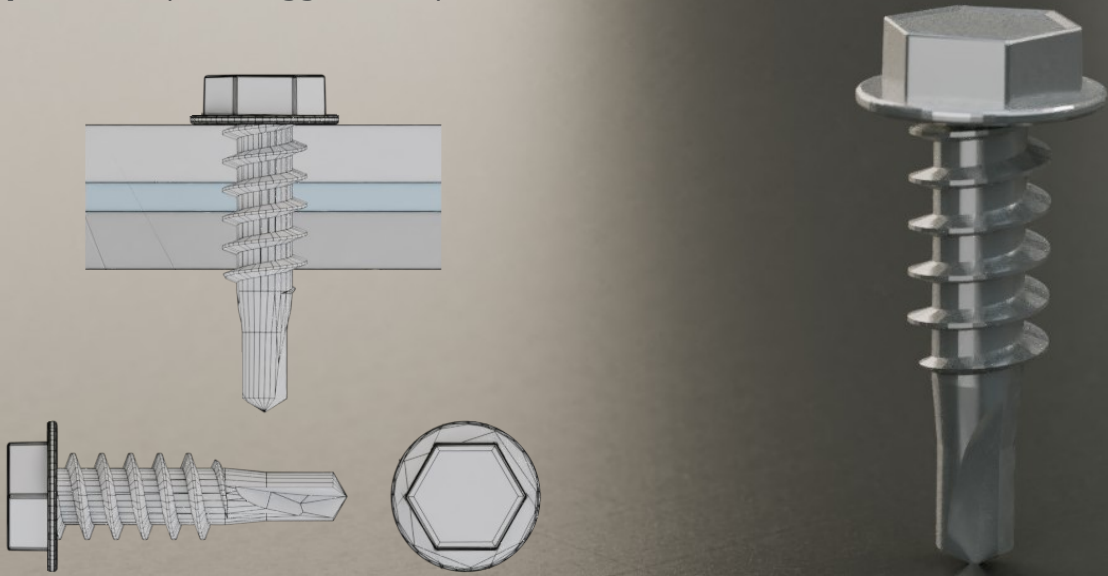
CODICE	VITE INOX GREZZA
MCFRIV016048016	Vite Auto perforante 4.8 x 25 mm in Inox A2, Foratura max 3 mm Testa tonda impronta Torx - 20 Ø 12 mm

CODICE	VITE INOX LACCATA A POLVERE (MINIMO 1000 pezzi)
MCFRIV016048016L	Vite Auto perforante 4.8 x 25 mm in Inox A2, Foratura max 3 mm Testa tonda impronta Torx - 20 Ø 12 mm - Laccata in Francia a polvere



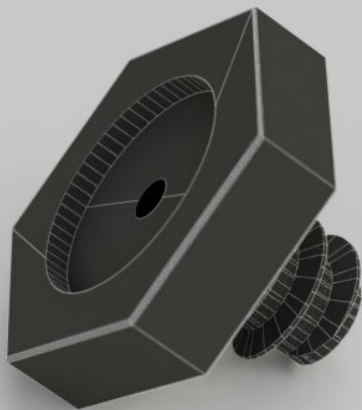
ACCESSORI

Vite auto perforante per fissaggio staffa-profilo



CODICE	DESCRIZIONE	Sp.Max. Fissabile (mm)
MCFV019055	Vite auto perforante per Alluminio 5.5x19 mm in inox A2, TE con finta rondella Chiave 8 mm	10
MCFV025055	Vite auto perforante per Alluminio 5.5x25 mm in inox A2, TE con finta rondella Chiave 8 mm	14,1

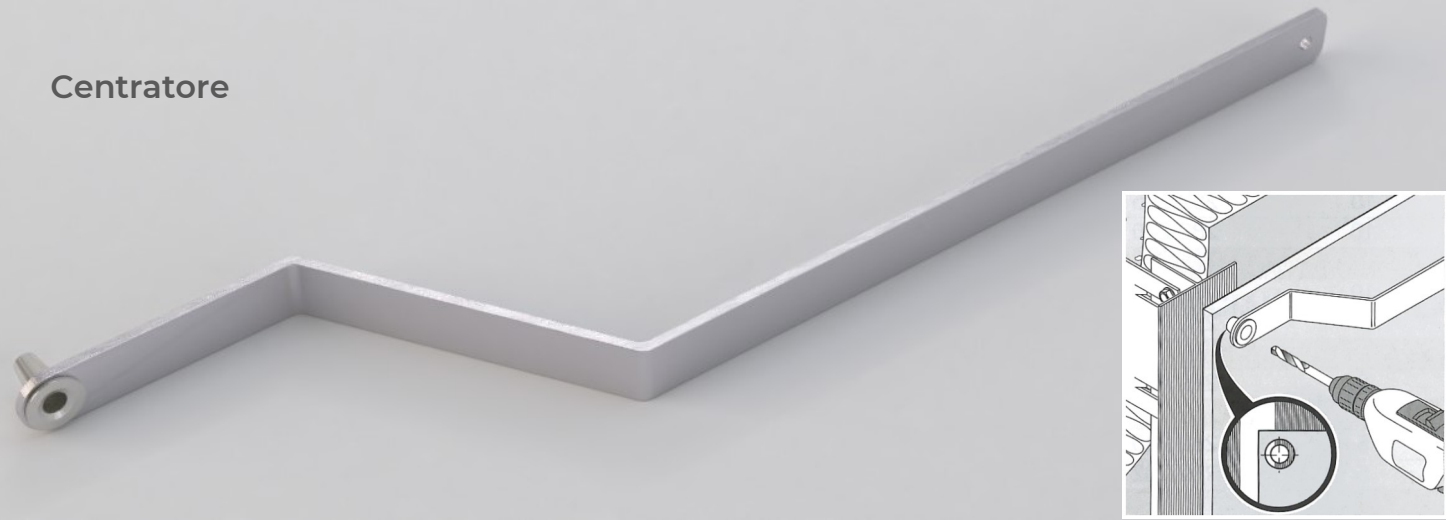
Nasello per rivettatrice



CODICE	DESCRIZIONE	Lungh. filetto (mm)
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MCFRIV61111	Naso per Rivettatrice Automatica ACCURBIRD	8
MCFRIV61110	Naso per Rivettatrice Manuale LR5 e LR20	13

Centratore



CODICE	DESCRIZIONE
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MCFST284000	Centratore per foratura fissaggio rivestimenti, Lunghezza 1 mt
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EN AW-6060 (Al MgSi)

Composizione chimica percentuale										Al
Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Altri elementi		
								Ciascuno	Totale	
0,30-0,60	0,10-0,30	0,1	0,1	0,35-0,60	0,05	0,15	0,1	0,05	0,15	Resto

Caratteristiche principali

Estrudibilità eccellente. Lega di media durezza adatta per estrusi difficili. Alta resistenza alla corrosione. Buona formabilità. Buona finitura superficiale. Buona saldabilità.

Usi tipici

Particolarmente adatta per le applicazioni nel campo delle costruzioni edilizie per facciate continue e serramenti, nell'architettura d'interni per mobili, pareti prefabbricate e decorazioni nonché per molteplici impieghi nel campo dei trasporti terrestri e navali.

Caratteristiche fisiche e generali

Peso specifico	: 2,7 kg/dm ³	Calore specifico 0 -100 °C	: 900 J/(Kg x °K)
Modulo di elasticità	: 69000 N/mm ²	Coefficiente di dilatazione	
Modulo di rigidità	: 26000 N/mm ²	termica lineare 20 -100 °C	: 23 µ °C ⁻¹
Punto di fusione	: >605 °C	Conduttività termica 20 °C (T6)	: 200 W (m x °K)
		Resistività a 20 °C	: 32nΩ x m

Caratteristiche meccaniche (valori medi)

Preghiamo di prestare particolare attenzione alle dilatazioni lineari considerata la notevole differenza di coefficienti tra profili in alluminio e cover in PMMA/Polycarbonato

BARRA ESTRUSA		ROTTURA		SNERVAMENTO		ALLUNGAMENTO	
Stato metallurgico	Dimensioni mm	Rm MPa		Rp0,2 Mpa		A %	A 50 mm %
	D ¹⁾ S ²⁾	min.	max.	min.	max.	min.	min.
T4 ⁵⁾	≤ 150 ≤ 150	120	-	60	-	16	14
T5	≤ 150 ≤ 150	160	-	120	-	8	6
T6 ⁵⁾	≤ 150 ≤ 150	190	-	150	-	8	6
TUBO ESTRUSO							
Stato metallurgico	Dimensioni mm e ³⁾	Rm MPa		Rp0,2 Mpa		A %	A 50 mm %
		min.	max.	min.	max.	min.	min.
T4 ⁵⁾	≤ 15	120	-	60	-	16	14
T5	≤ 15	160	-	120	-	8	6
T6 ⁵⁾	≤ 15	190	-	150	-	8	6
PROFILATO ESTRUSO ¹⁰⁾							
Stato metallurgico	Dimensioni mm e ³⁾	Rm MPa		Rp0,2 Mpa		A %	A 50 mm %
		min.	max.	min.	max.	min.	min.
T4 ⁵⁾	≤ 25	120	-	60	-	16	14
T5	≤ 5	160	-	120	-	8	6
	5 < e ≤ 25	140	-	100	-	8	6
T6 ⁵⁾	≤ 3	190	-	150	-	8	6
	3 < e ≤ 25	170	-	140	-	8	6

1) D = Diametro delle barre tonde.
2) S = larghezza in chiave delle barre quadre ed esagonali, spessore delle barre rettangolari.
3) e = Spessore di parete.
5) Le caratteristiche possono essere ottenute mediante tempra sotto pressa.
10) Se la sezione di un profilato comporta spessori differenti cui corrispondono valori specificati differenti di caratteristiche meccaniche, vanno considerati come validi per l'intera sezione del profilato i valori minori specificati.