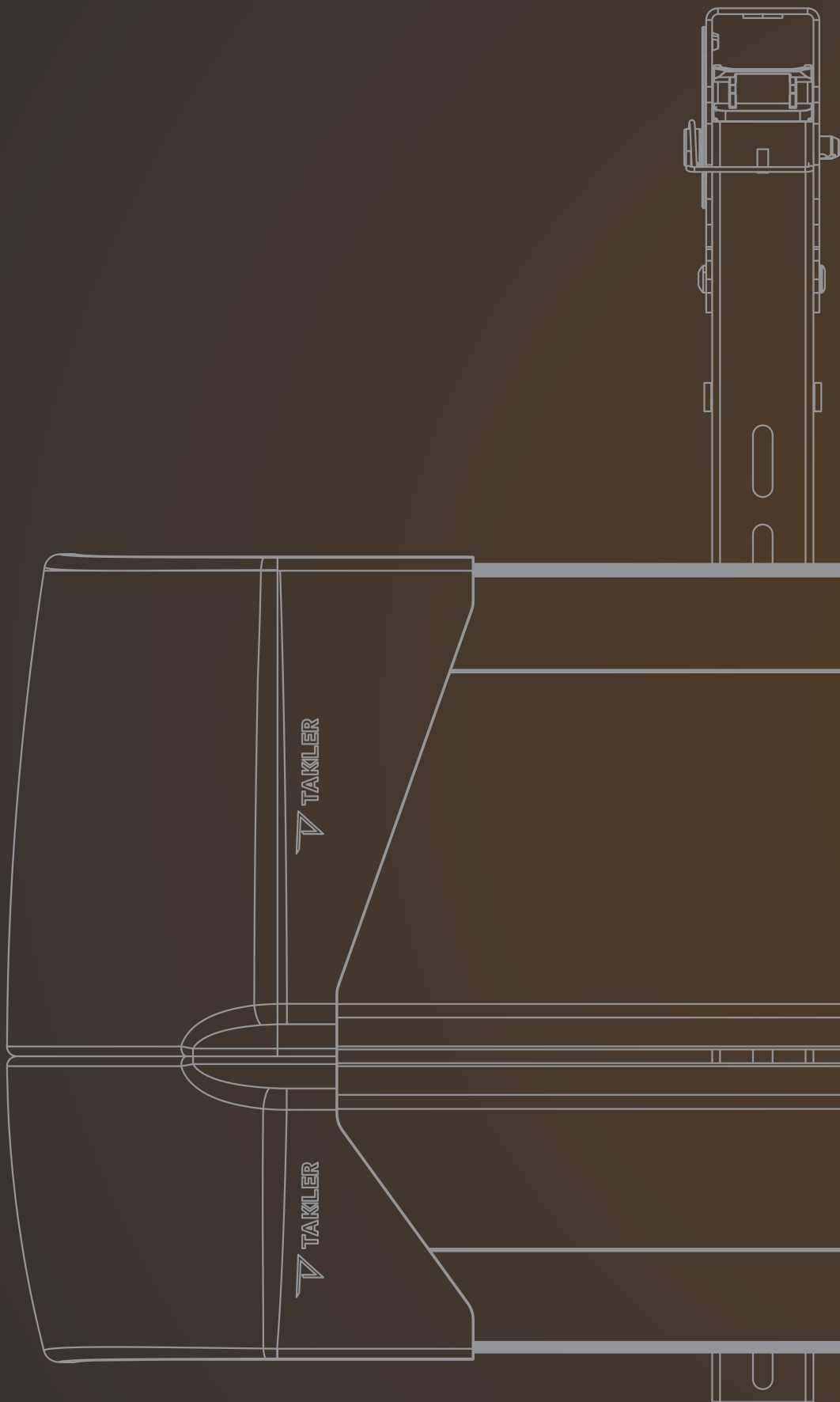


Lateral Protection Devices & Brackets

Light commercial vehicles
Trucks and Trailers





takler.it



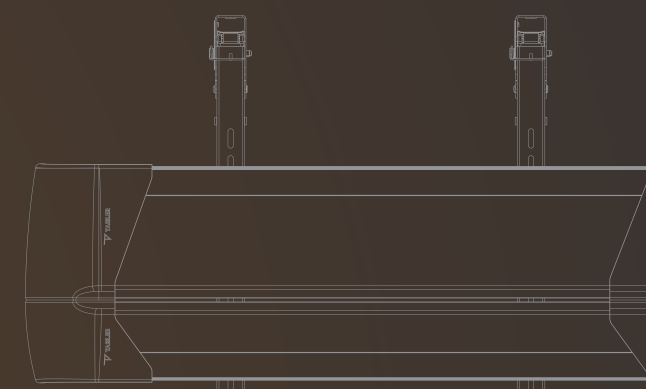
Lateral Protection Devices & Brackets

Light commercial vehicles
Trucks and Trailers

SPARE PARTS & ACCESSORIES



LATERAL PROTECTION DEVICES



- **KOVER 150 & KOVER 250**
- **TAKLER BAR**
- **SKUDO**
- **TEKNO**

EN Certified side protection systems: the Takler answer to every technical and safety requirement. We offer versatile solutions in **aluminum**, **ZM (Zinc-Magnesium) steel**, and **high-grade polymers**, all strictly homologated for global markets. The modularity of our components and accessories ensures fast assembly and perfect aesthetic harmony with any bodywork configuration, raising the stakes for lateral protection standards.

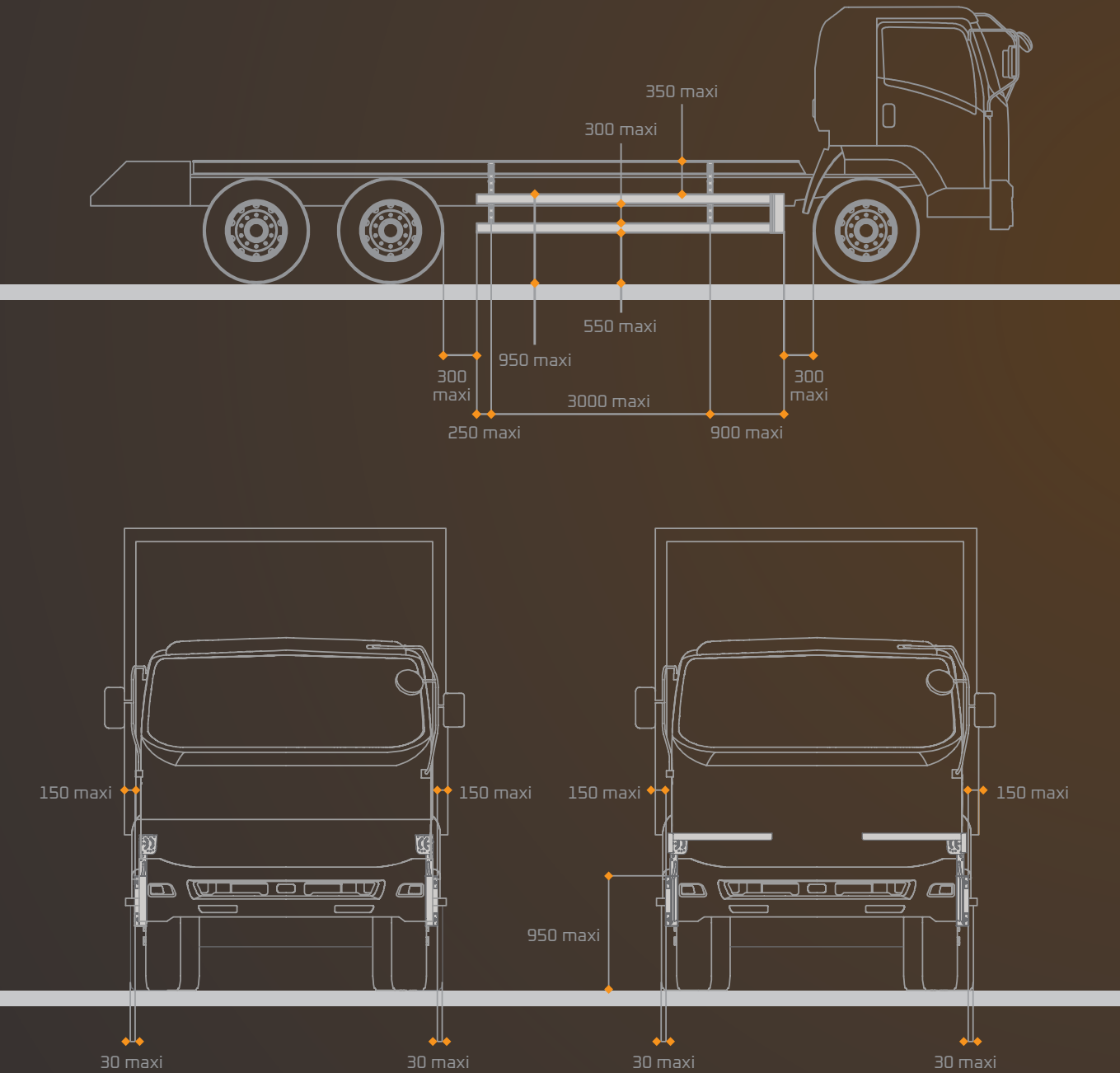
IT Sistemi di protezione laterale certificati: la risposta di Takler a ogni esigenza tecnica e di sicurezza. Offriamo soluzioni versatili in **alluminio**, **acciaio ZM** e **plastica**, tutte rigorosamente omologate per i mercati globali. La modularità dei componenti e degli accessori assicura un montaggio rapido e una perfetta armonia estetica con ogni tipo di allestimento, elevando gli standard di protezione laterale.

UN/ECE R73 Compliance

EN Takler lateral protection systems are engineered to meet the **UN/ECE R73** safety standards. These regulations aim to protect vulnerable road users by preventing them from falling under the vehicle’s sides. Our kits ensure full compliance with all technical requirements, including ground clearance and distance from wheels, for seamless vehicle approval.

Vehicle Categories **N2** and **N3** & Regulatory Standards

- N2:** Motor vehicles for the carriage of goods, with a maximum mass between 3.5 t and 12 t.
Veicoli progettati e costruiti per il trasporto di merci, aventi massa massima superiore a 3,5 t ma non superiore a 12 t.
- N3:** Motor vehicles for the carriage of goods, with a maximum mass exceeding 12 t.
Veicoli progettati e costruiti per il trasporto di merci, aventi massa massima superiore a 12 t.

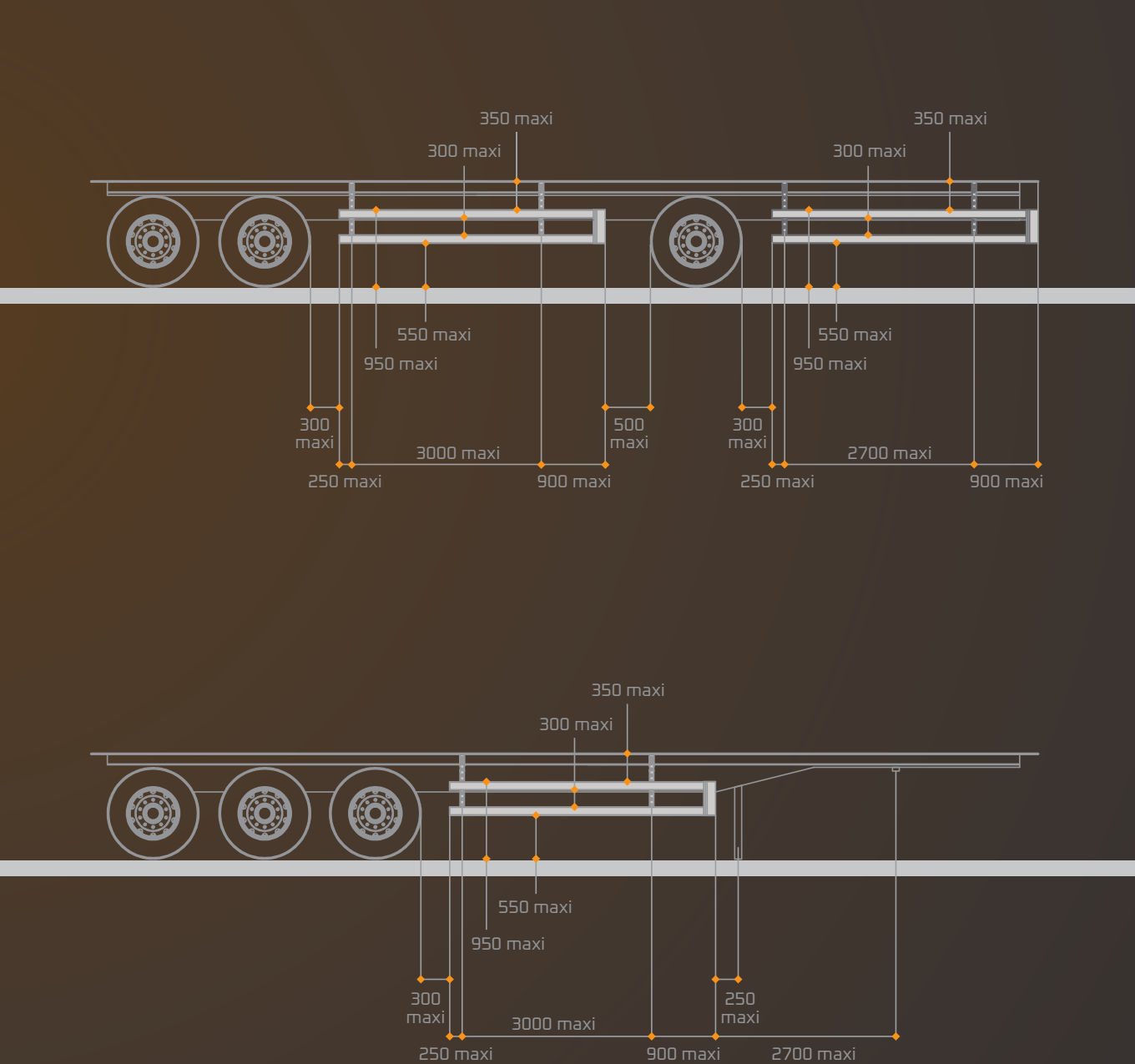


Conformità UN/ECE R73

IT I sistemi di protezione laterale Takler sono progettati per soddisfare gli standard di sicurezza **UN/ECE R73**. Tali normative mirano a proteggere gli utenti vulnerabili della strada, prevenendo la caduta sotto le fiancate del veicolo. I nostri kit garantiscono la piena conformità a tutti i requisiti tecnici, inclusi l’altezza dal suolo e la distanza dalle ruote, per un’agevole omologazione del veicolo.

Vehicle Categories **O3** and **O4** & Regulatory Standards

- O3:** Trailers and semi-trailers with a maximum mass between 3.5 t and 10 t.
Rimorchi (compresi i semirimorchi) con massa massima superiore a 3,5 t ma non superiore a 10 t.
- O4:** Trailers and semi-trailers with a maximum mass exceeding 10 t.
Rimorchi (compresi i semirimorchi) con massa massima superiore a 10 t.



Certified by

VECTO
TRAILER

EN In recent years, the European Union has introduced a series of regulations aimed at reducing CO₂ emissions from the heavy-duty transport sector. To achieve this objective, VECTO trailer (Vehicle Energy Consumption Calculation Tool) was developed—the official software of the European Commission used to simulate and certify the energy consumption and CO₂ emissions of industrial vehicles.

IT Negli ultimi anni l'Unione Europea ha introdotto una serie di regolamenti finalizzati alla riduzione delle emissioni di CO₂ prodotte dal settore dei trasporti pesanti. Per raggiungere questo obiettivo è stato sviluppato VECTO trailer (Vehicle Energy Consumption Calculation Tool), il software ufficiale della Commissione Europea utilizzato per simulare e certificare i consumi energetici e le emissioni di CO₂ dei veicoli industriali.

EN **Regolamento (UE) 2019/1242**

Definisce gli obiettivi europei di riduzione delle emissioni di CO₂ per i veicoli pesanti e i semirimorchi. Per i semirimorchi standard è richiesto un miglioramento dell'efficienza pari al 10% entro il 2030 rispetto ai valori di riferimento stabiliti dalla Commissione Europea.

IT **Regulation (EU) 2019/1242**

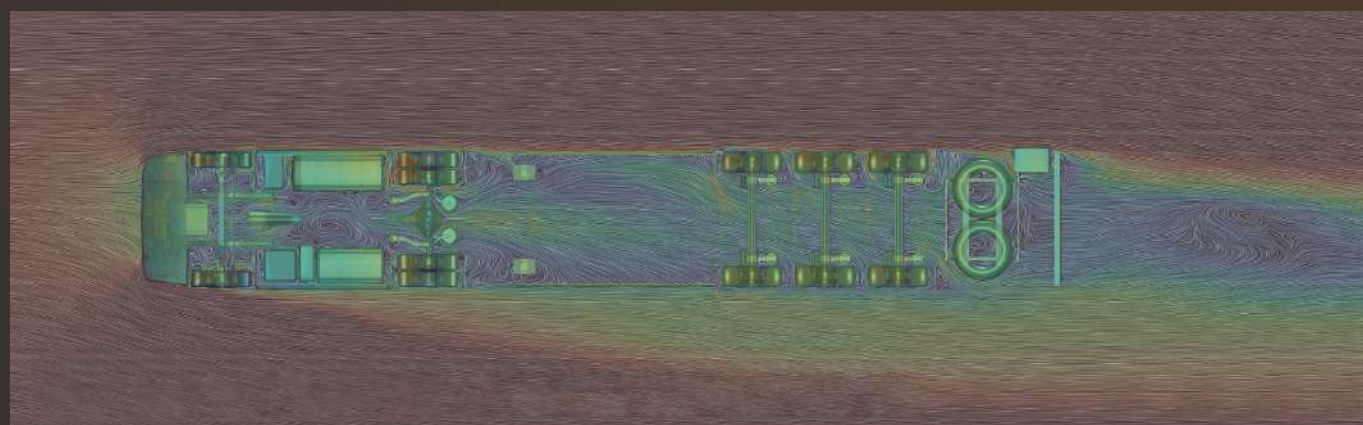
Defines the European CO₂ emission reduction targets for heavy-duty vehicles and semi-trailers. For standard semi-trailers, an efficiency improvement of 10% is required by 2030 compared to the baseline values established by the European Commission.

EN **Regulation (EU) 2022/1362**

Extends the VECTO system to trailers and semi-trailers, allowing the certification of the benefits provided by aerodynamic solutions, high-efficiency tires, and other innovative technologies.

IT **Regolamento (UE) 2022/1362**

Estende il sistema VECTO ai rimorchi e ai semirimorchi, permettendo di certificare il beneficio apportato da soluzioni aerodinamiche, pneumatici ad alta efficienza e altre tecnologie innovative.



EN **TAKLER lateral protection devices** are designed to ensure maximum lateral safety for the vehicle, while simultaneously being developed with a strong focus on aerodynamic efficiency. Thanks to their geometry and positioning along the side of the semi-trailer, these systems help improve airflow behavior, reducing turbulence and enhancing the vehicle's overall efficiency. **TAKLER kits** have successfully completed the validation process required by European regulations.

These solutions are:

- **Approved according to UN/ECE Regulation R73.**
- **Certified according to the VECTO Trailer methodology.**
- **Validated through dedicated CFD analysis and aerodynamic simulations.**
- **Certified by the approval authority (KBA).**

For OEMs, this means being able to integrate already validated and certified products into their development and sustainability strategies.

IT **I dispositivi di protezione laterale TAKLER** nascono per garantire la massima sicurezza laterale del veicolo, ma al tempo stesso sono stati sviluppati con particolare attenzione all'efficienza aerodinamica. Grazie alla loro geometria e al loro posizionamento lungo il fianco del semirimorchio, questi sistemi contribuiscono a migliorare il comportamento del flusso d'aria, riducendo le turbolenze e migliorando l'efficienza complessiva del veicolo. I **kit TAKLER** hanno completato con successo il percorso di validazione previsto dalle normative europee.

Queste soluzioni sono:

- **Omologate secondo il Regolamento UN/ECE R73.**
- **Certificate secondo la metodologia VECTO Trailer.**
- **Validate attraverso analisi CFD e simulazioni aerodinamiche dedicate.**
- **Certificate dall'autorità di omologazione (KBA).**

Per gli OEM ciò significa poter integrare prodotti già validati e certificati all'interno delle proprie strategie di sviluppo e di sostenibilità.



Kover 150

ANODISED ALUMINIUM

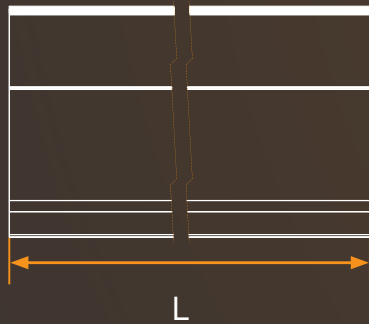


DIMENSION
CUSTOMIZATION

REGISTERED
DESIGN

E11 73R - 01

- EN Side protection bar.
- IT Barre di protezione laterale.



Product Code	L mm	B mm	H mm	kg		
TK 1510	3500	49	147,4	5,47	24	48
TK 1520	4500	49	147,4	7,04	24	48
TK 1530	5500	49	147,4	8,6	24	48
TK 1540	6500	49	147,4	10,17	24	48
TK 1550	7000	49	147,4	10,95	24	48

Kover 250

ANODISED ALUMINIUM

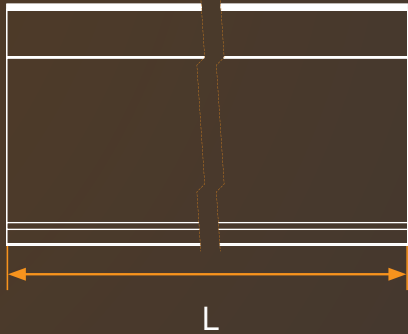
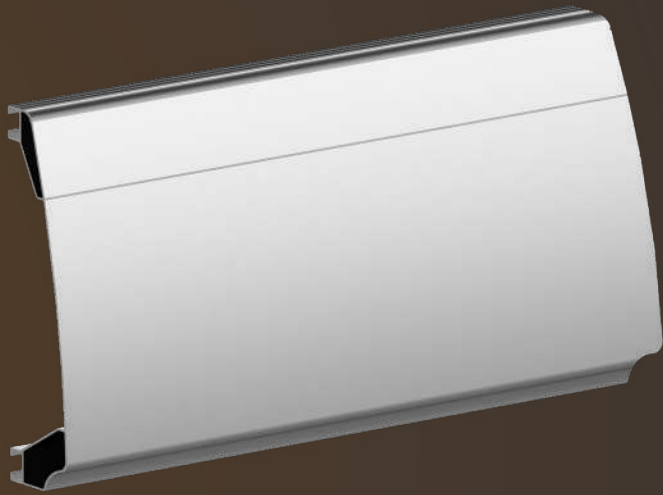


DIMENSION
CUSTOMIZATION

REGISTERED
DESIGN

E11 73R - 01

- EN Side protection bar.
- IT Barre di protezione laterale.



Product Code	L mm	B mm	H mm	kg		
TK 1515	3500	50	247,4	6,93	20	20
TK 1525	4500	50	247,4	8,91	20	20
TK 1535	5500	50	247,4	10,89	20	20
TK 1545	6500	50	247,4	12,87	20	20
TK 1555	7000	50	247,4	13,86	20	20

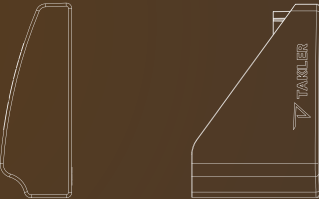
Header profiles
Black plastic



Product Code	Product
TK 1605	Kover 150
TK 1610	Kover 150
TK 1615	Kover 250
TK 1620	Kover 250
TK 1630	Kover 150
TK 1640	Kover 150

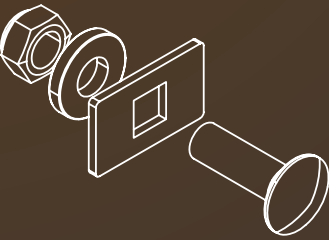
Kover 150 & 250

End caps
Black plastic



Product Code	Product
TK 1670	Kover 150
TK 1675	Kover 150
TK 1680	Kover 250
TK 1685	Kover 250

Fixing kit



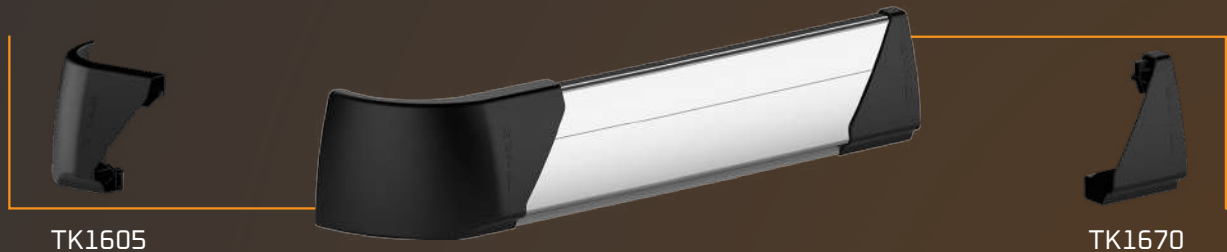
Product Code
TK 1690

Kover 150



KIT CONFIGURATION H150mm

E11 73R - 01



TK1605

TK1670



TK1675

TK1610

Compatible Brackets: TK3205 - TK3282



TK3205



TK3282



Kover 250

KIT CONFIGURATION H250mm

E11 73R - 01



TK1615

TK1680



TK1685

TK1620

Compatible Brackets: TK3205 - TK3210 - TK3282



TK3205



TK3210



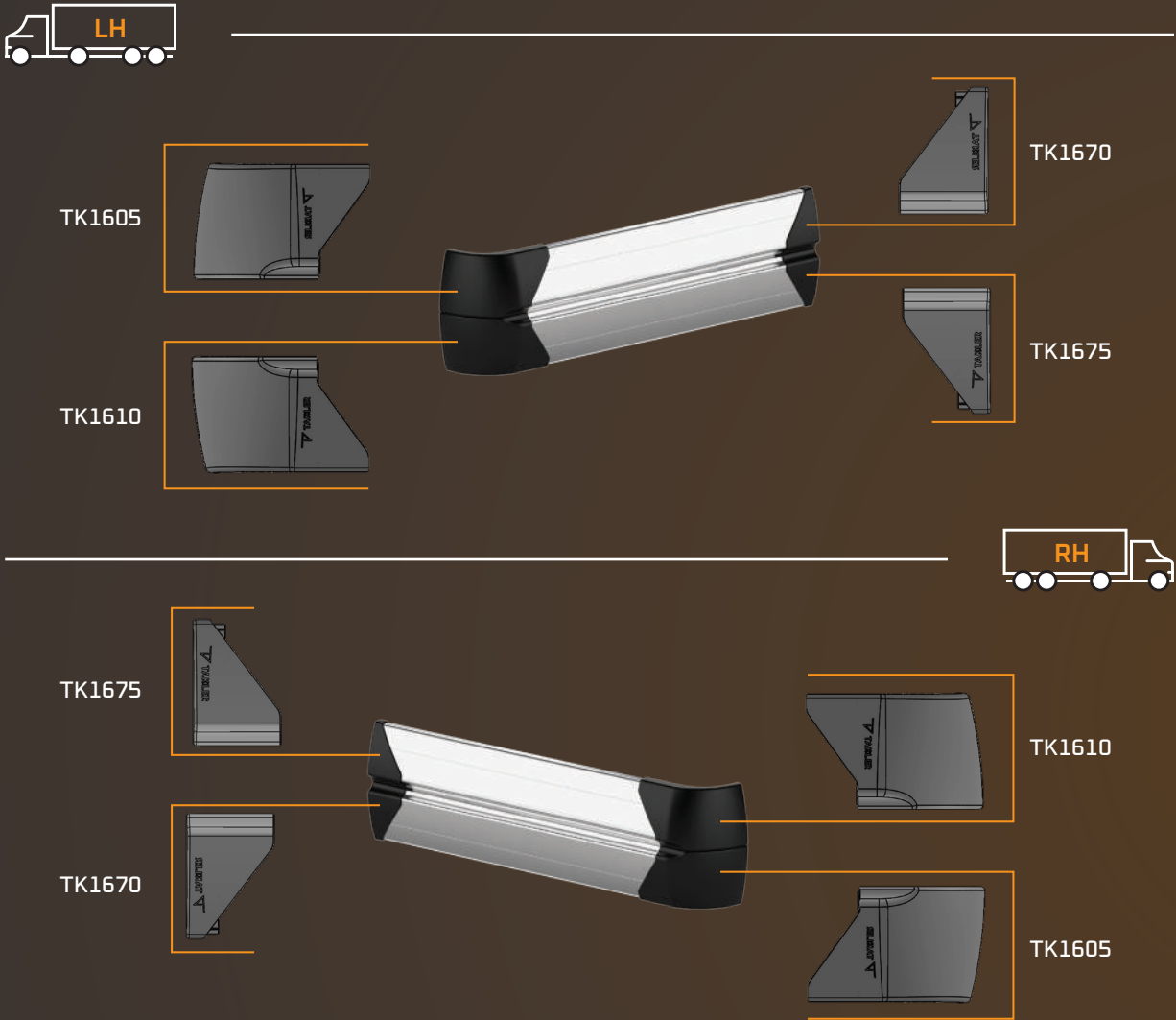
TK3282

Kover 150 & 250



KIT h 300mm
(2 aluminum bars, 150 mm high)

E11 73R - 01



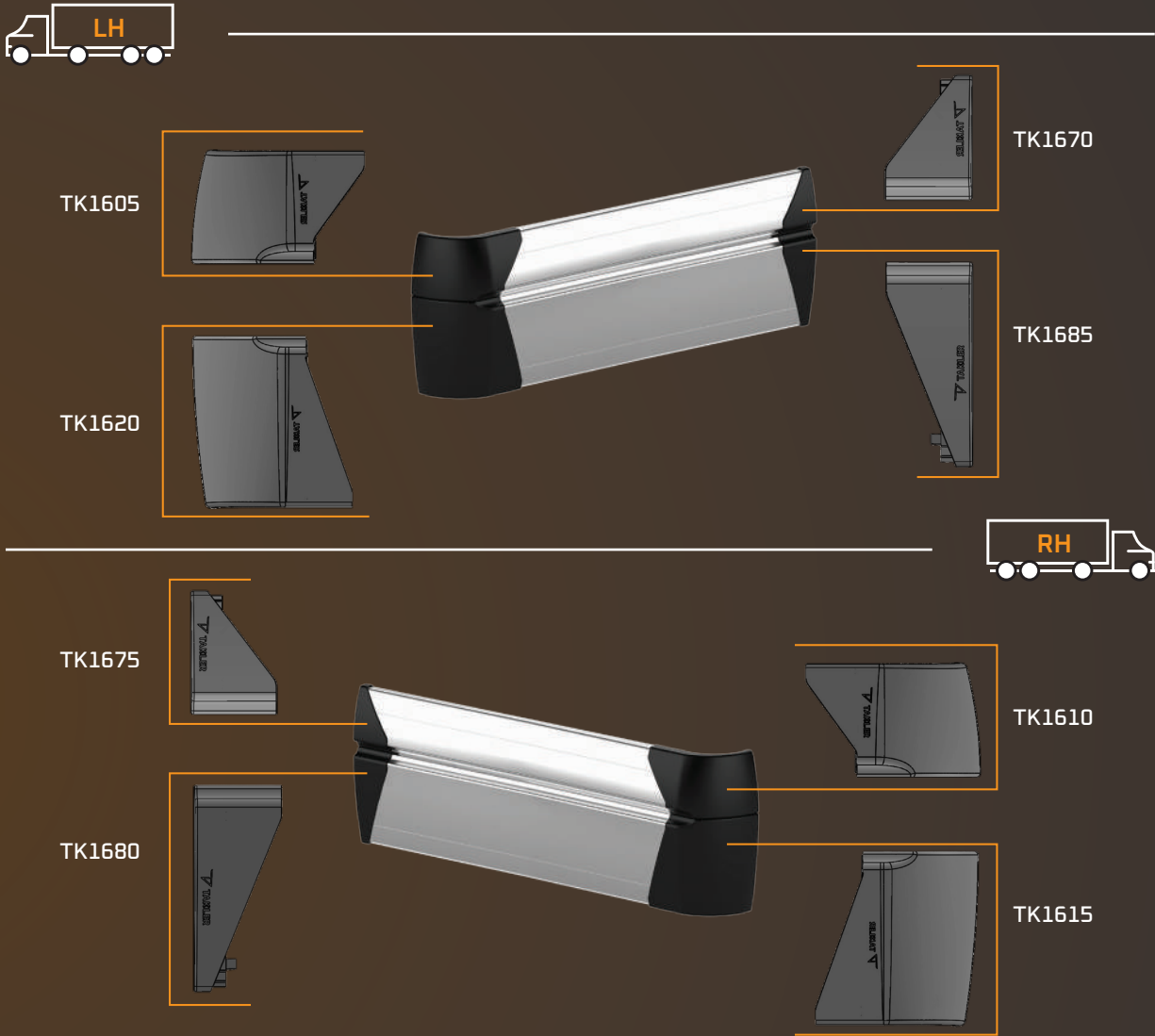
Compatible Brackets: TK3210 - TK3282



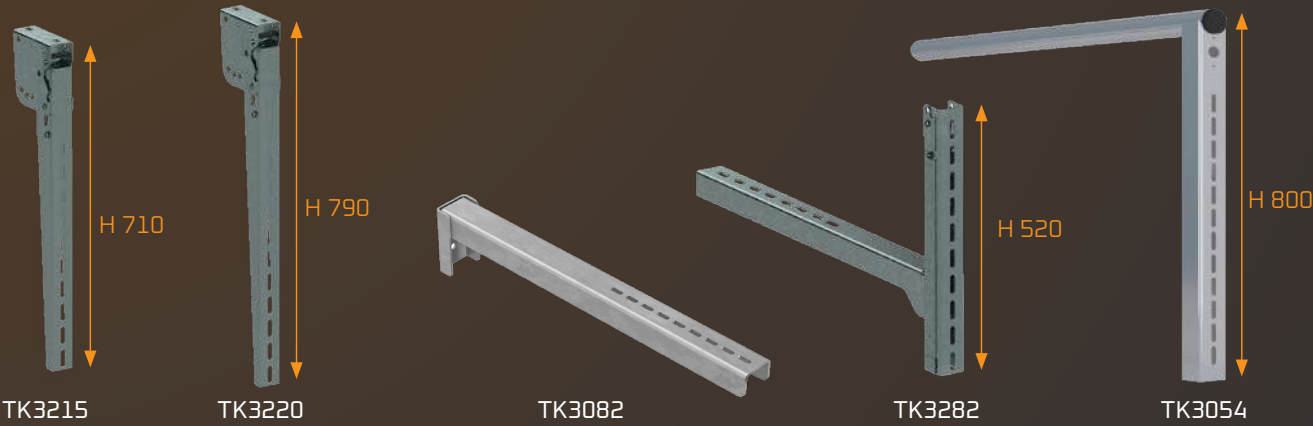
Kover 150 & 250

KIT h 400mm
(2 aluminum bars with heights of 150 mm and 250 mm respectively)

E11 73R - 01



Compatible Brackets: TK3215 - TK3220 - TK3082 - TK3282 - TK3054

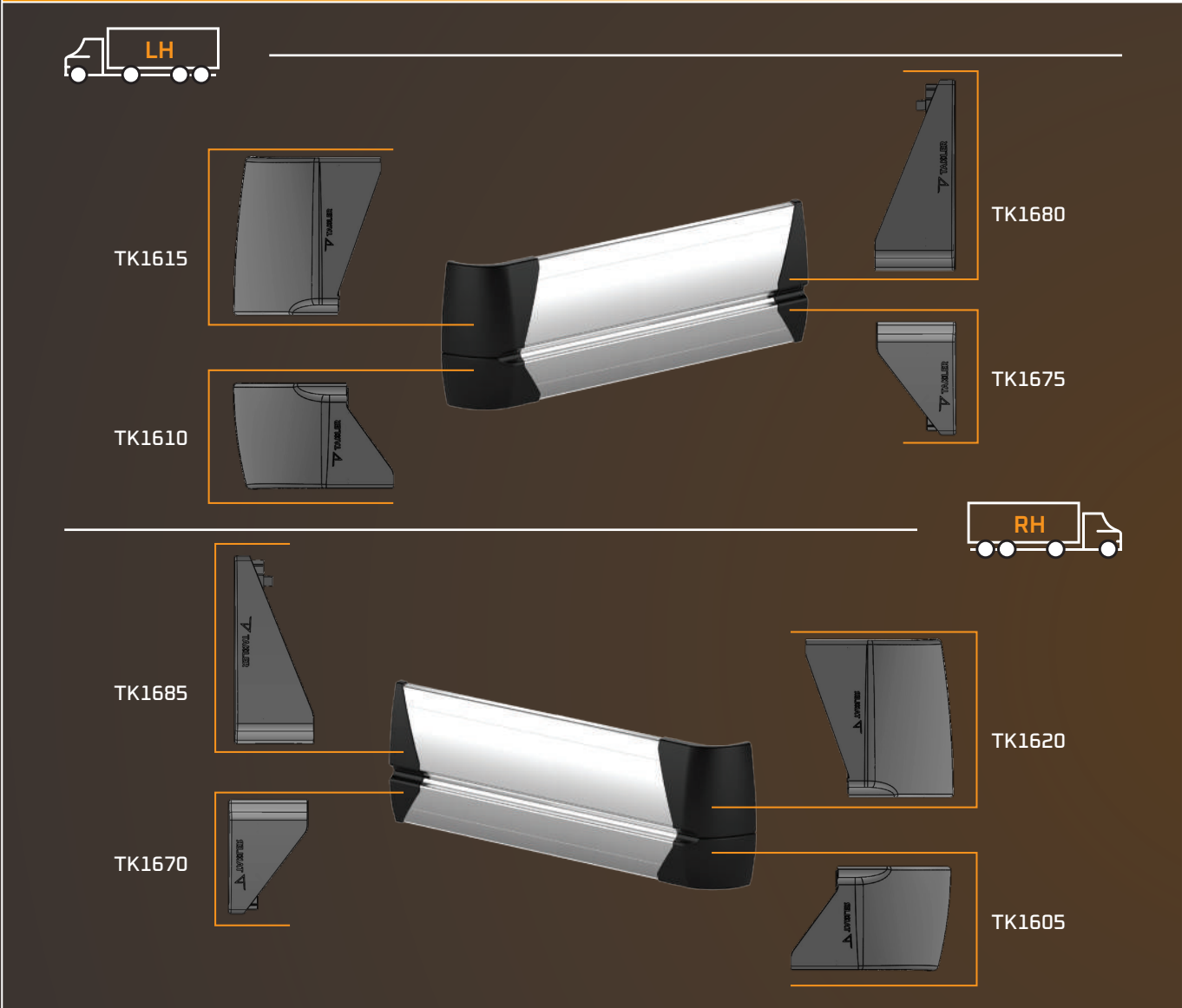


Kover 150 & 250

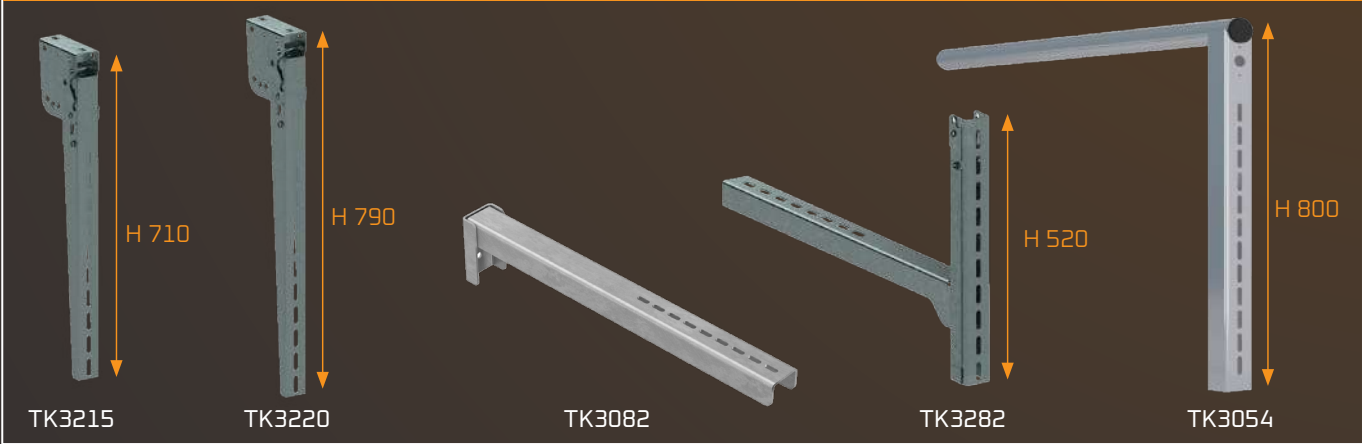


KIT h 400mm
(2 aluminum bars with heights of 250 mm and 150 mm respectively)

E11 73R - 01

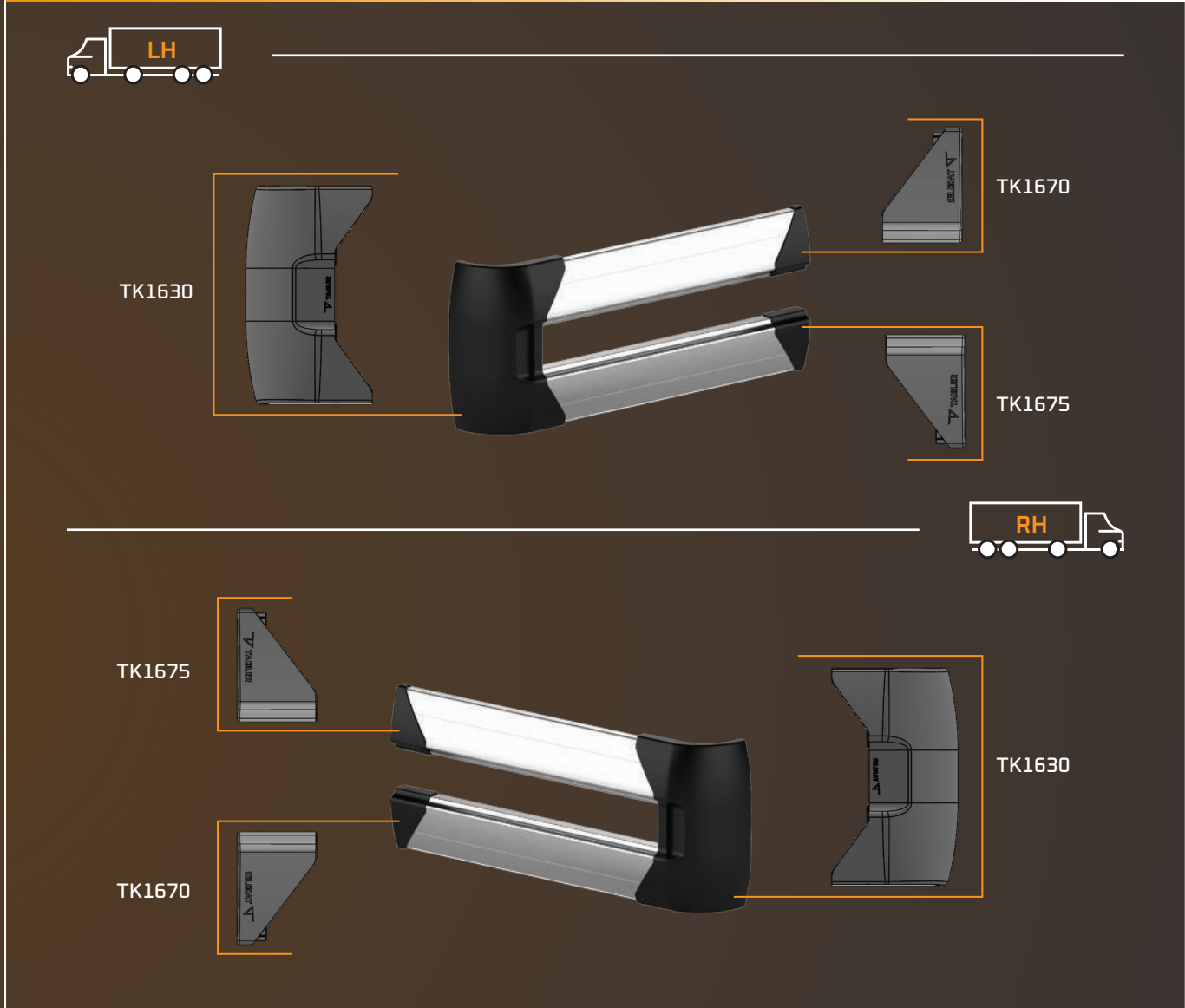


Compatible Brackets: TK3215 - TK3220 - TK3082 - TK3282 - TK3054

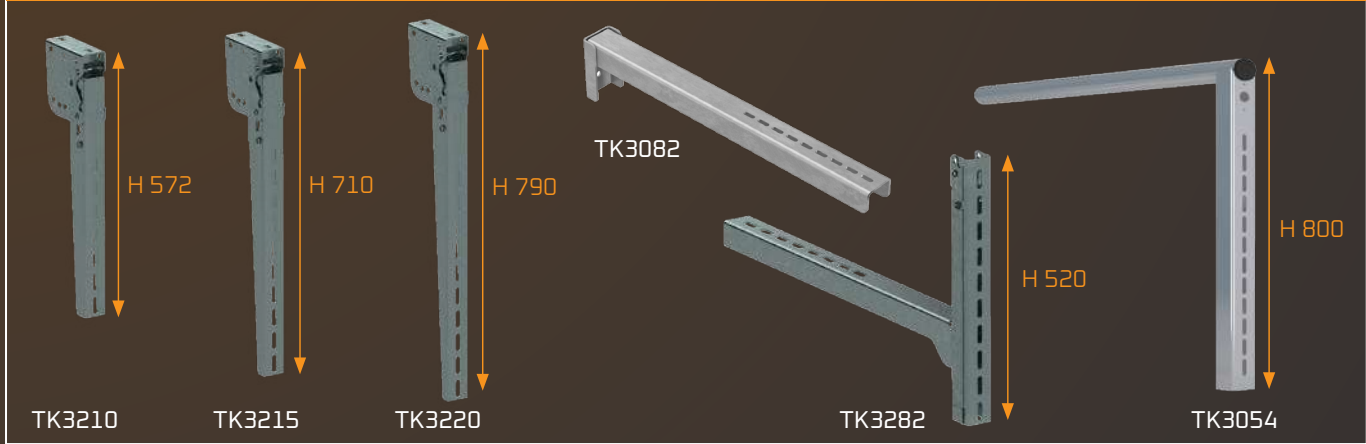


KIT h 400mm
(2 aluminum bars, 150 mm high with 100mm gap)

E11 73R - 01



Compatible Brackets: TK 3210 - TK3215 - TK3220 - TK3082 - TK3282 - TK3054

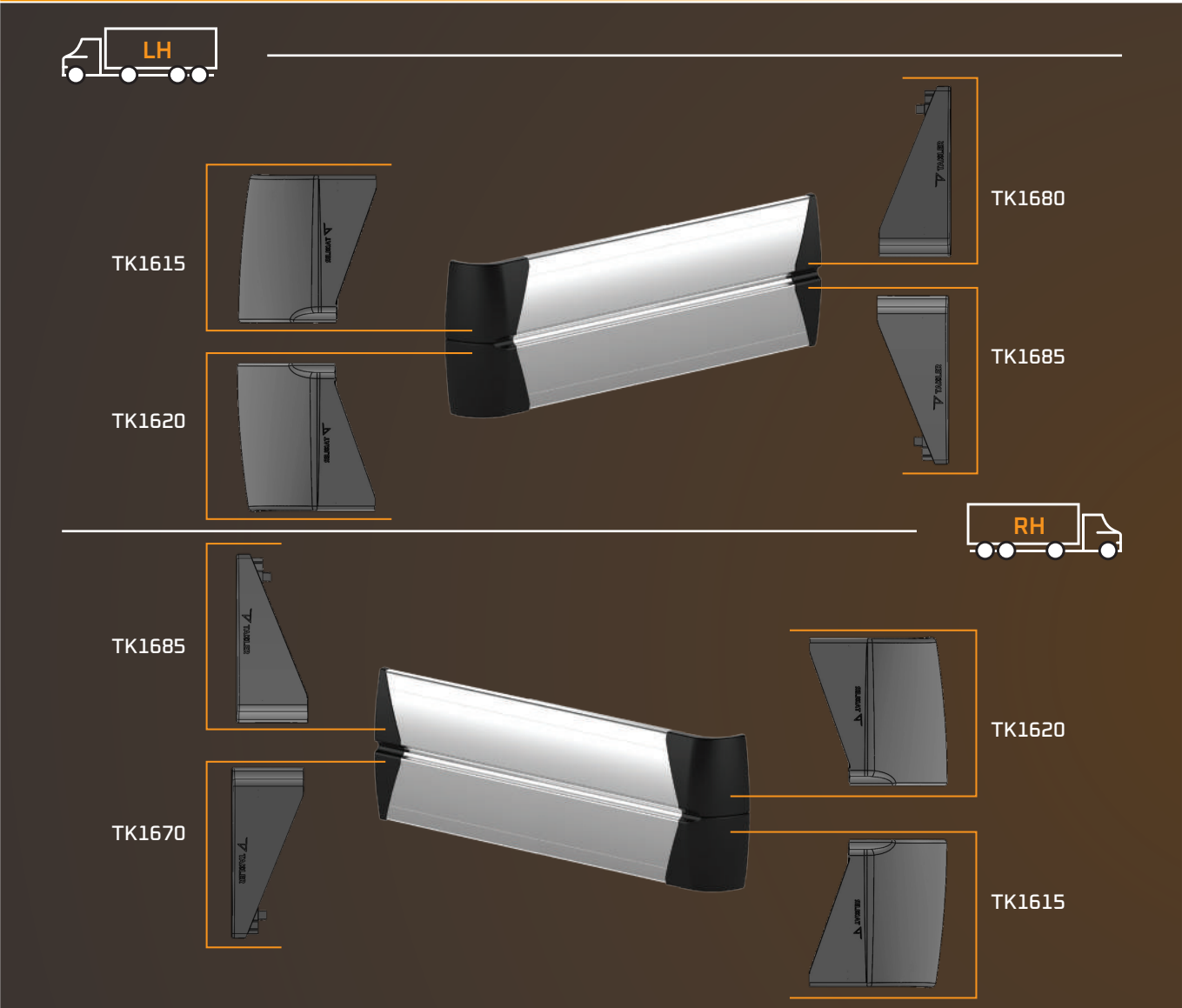


Kover 150 & 250

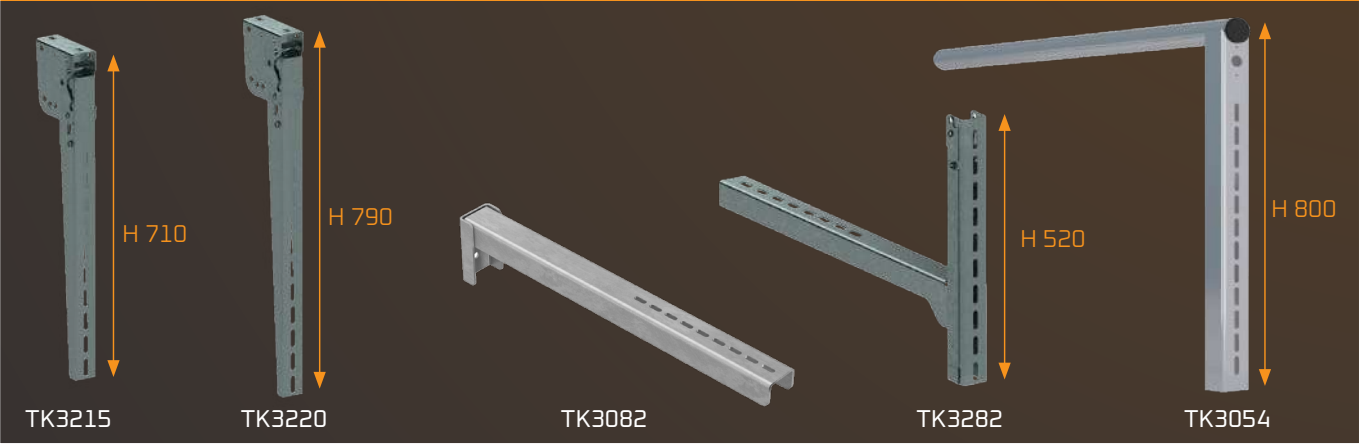


KIT h 500mm
(2 aluminum bars, 250 mm high)

E11 73R - 01

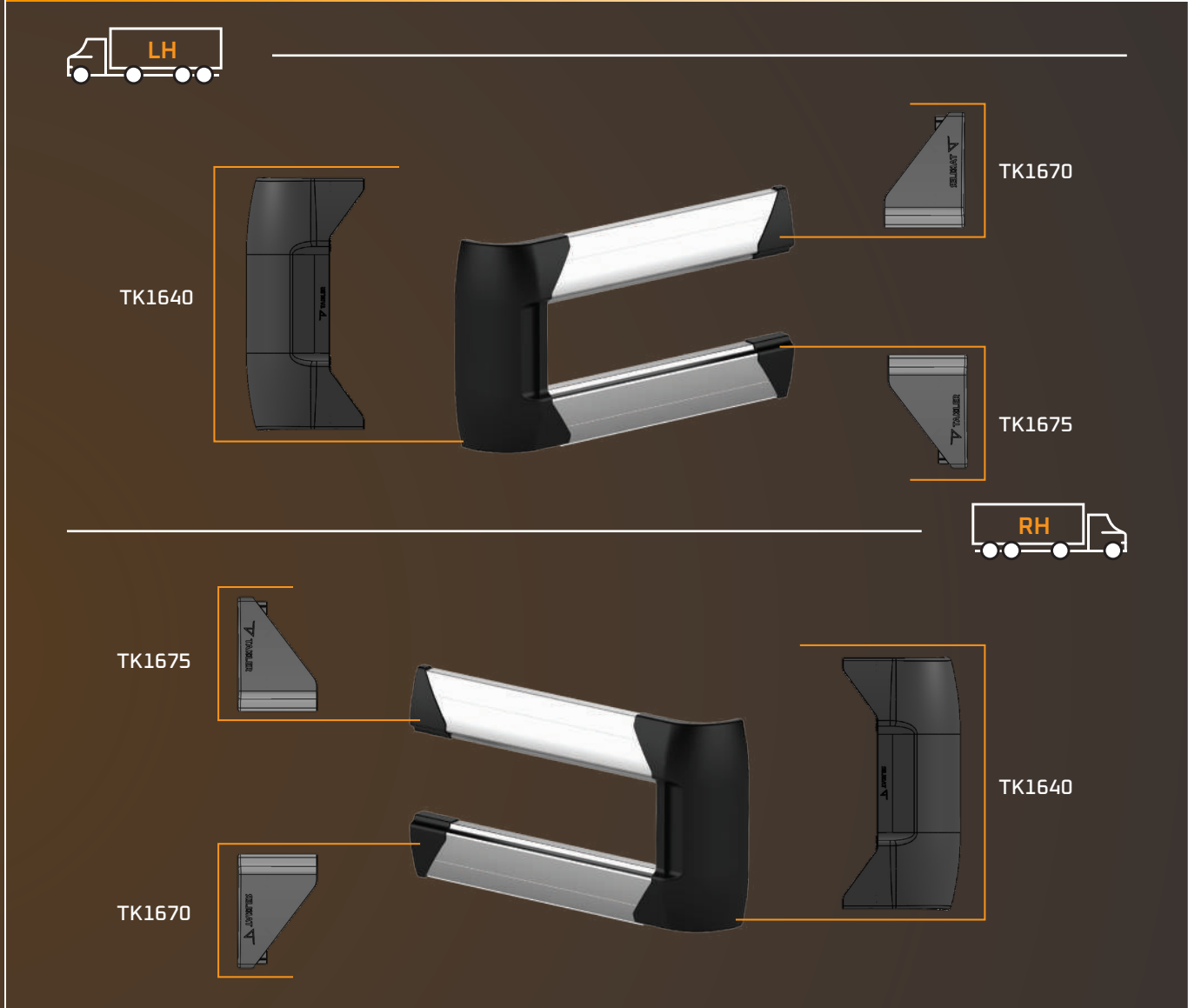


Compatible Brackets: TK3215 - TK3220 - TK3082 - TK3282 - TK3054

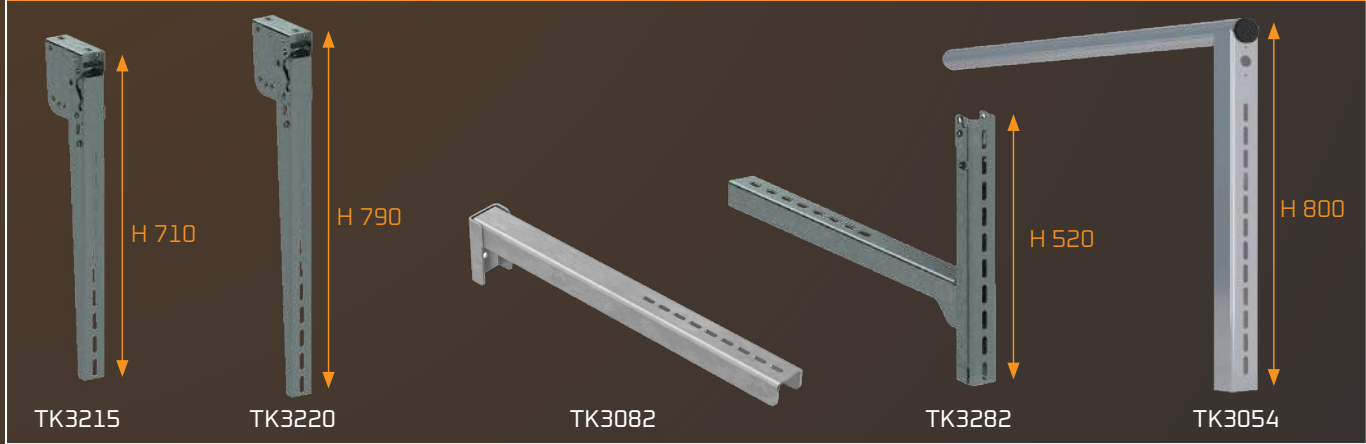


KIT h 500mm
(2 aluminum bars, 150 mm high with 200mm gap)

E11 73R - 01



Compatible Brackets: TK3215 - TK3220 - TK3082 - TK3282 - TK3054



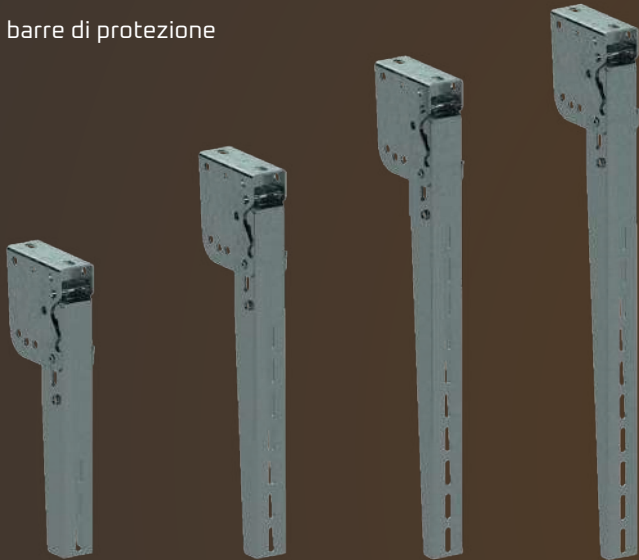
Kover 150 & 250

Kers

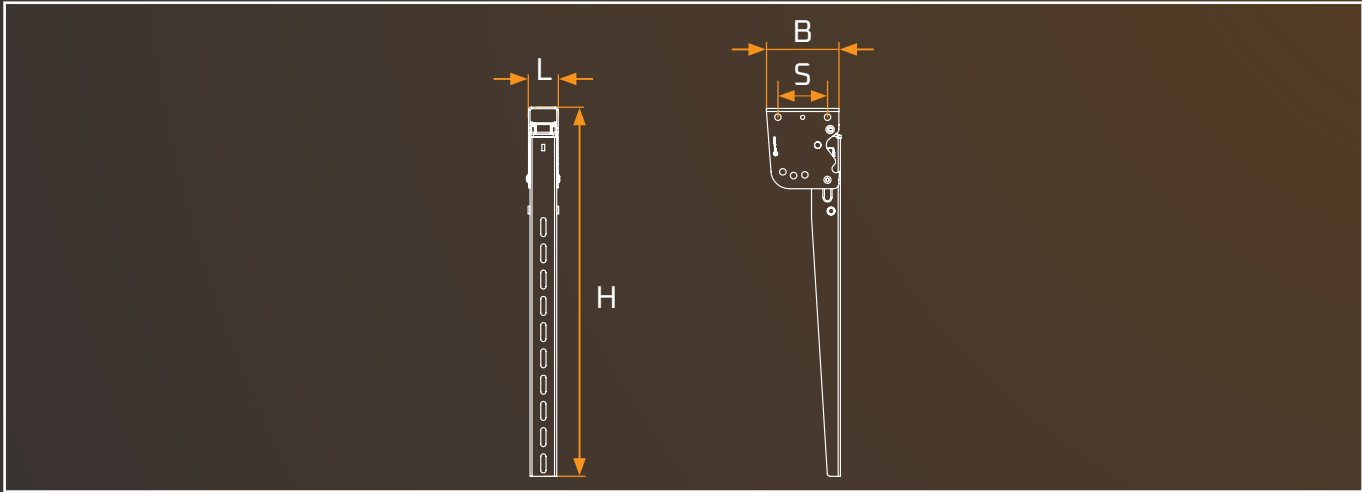
ZM STEEL

EN Adjustable ZM steel brackets for Kover 150 and 250 side protection bars.

IT Staffe mobili in acciaio ZM per barre di protezione laterale Kover 150 e 250.



E11 73R - 01

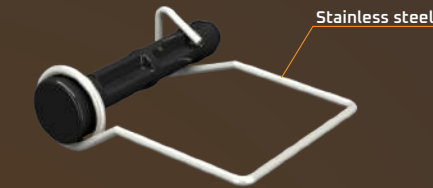


Product Code	L mm	B mm	H mm	kg		
TK 3205	57,7	140	430	1,97	20	480
TK 3210	57,7	140	572	2,23	20	480
TK 3215	57,7	140	710	2,44	20	352
TK 3220	57,7	140	790	2,55	20	352

Kover 150 & 250

Extra pin

Stainless steel and Zinc plated



Product Code	Fabric
50000733	Stainless steel
50000732	Zinc plated

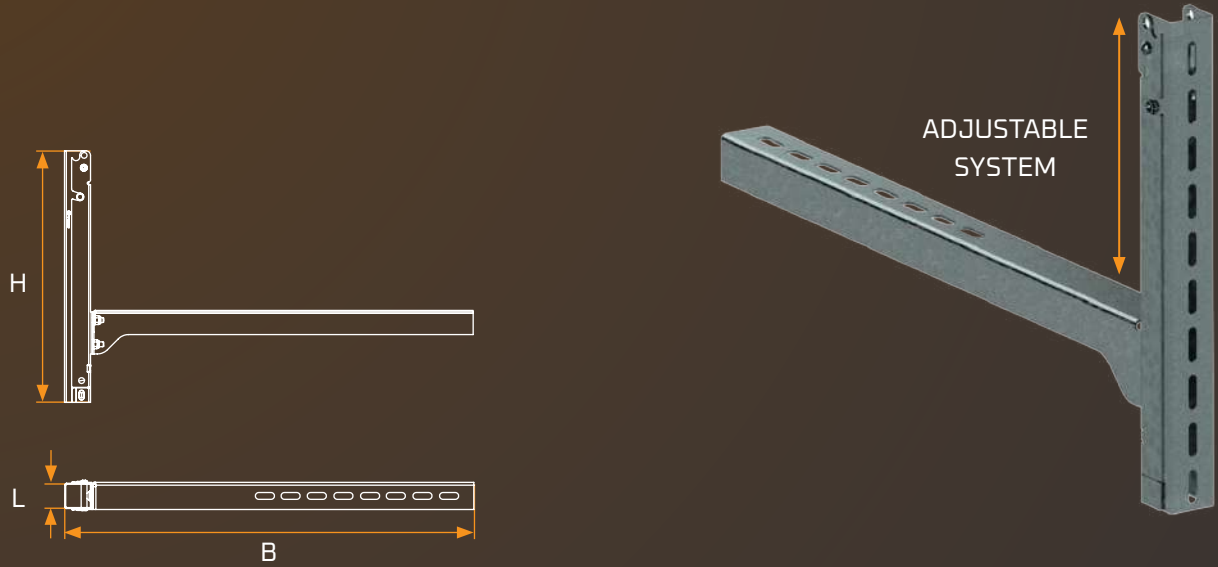
For Kers brackets only.

Kyros

ZM STEEL

EN Slotted adjustable ZM steel bracket for Kover 150 and 250 side protection bars.

IT Staffa mobile asolata in acciaio ZM per barre di protezione laterale Kover 150 e 250.



Product Code	L mm	B mm	H mm	kg		
TK 3282	57,5	844	520	4,12	4	180

Takler bar

ANODISED ALUMINIUM



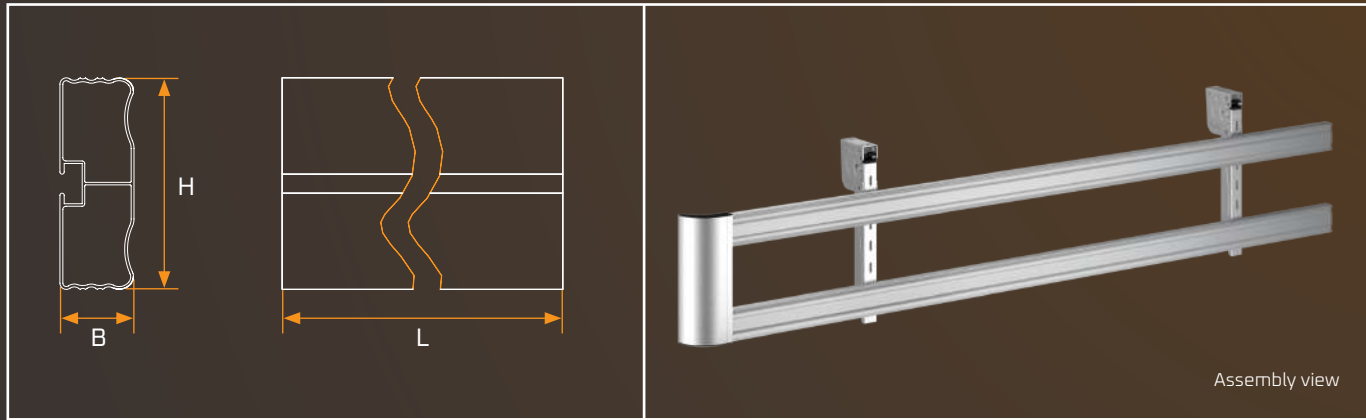
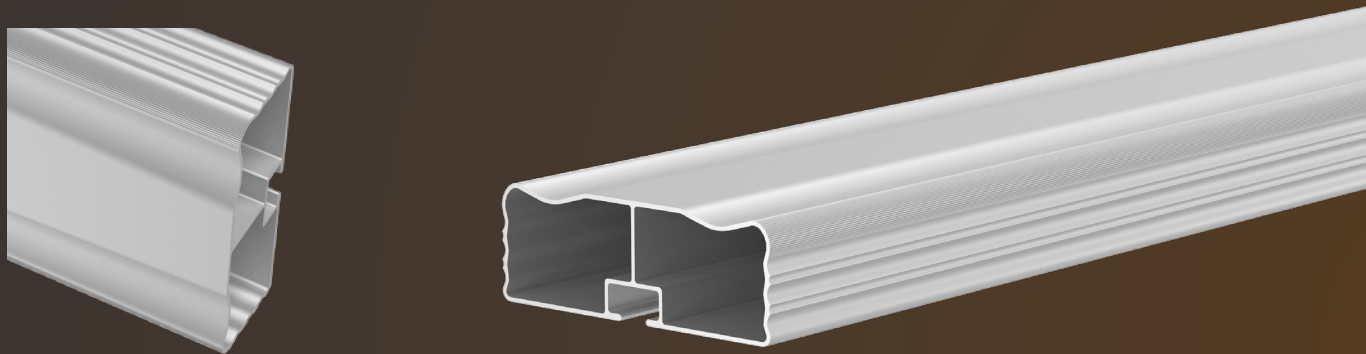
DIMENSION
CUSTOMIZATION



COLOUR

E11 73R - 01

- EN** Side protection bar.
- IT** Barre di protezione laterale.

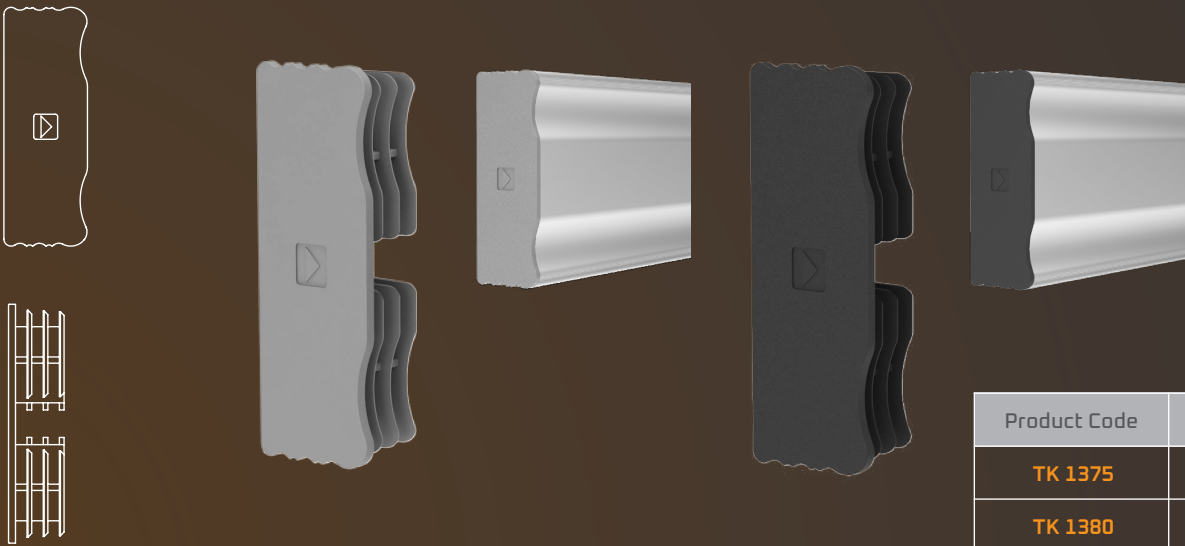


Product Code	L mm	B mm	H mm	kg		
TK 1210	3500	35	100	4,0	40	80
TK 1220	4500	35	100	5,1	40	80
TK 1230	5500	35	100	6,2	40	80
TK 1240	6500	35	100	7,4	40	80
TK 1250	7000	35	100	7,9	40	80

ACCESSORIES & COMPONENTS

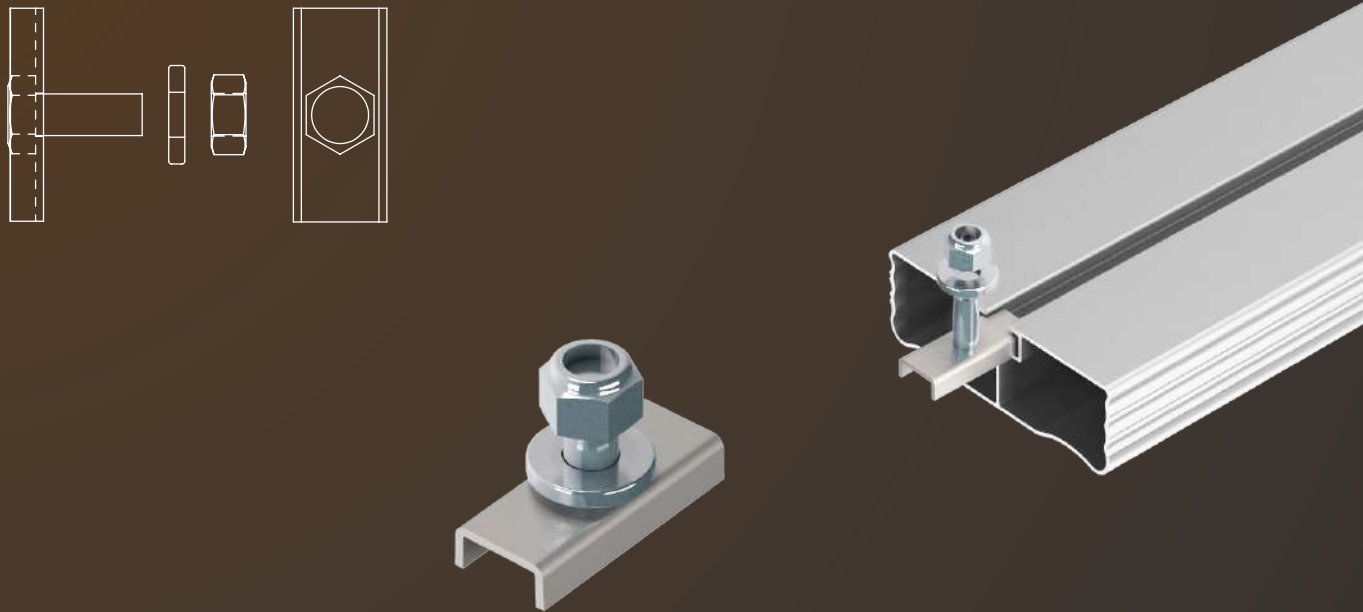
End caps

Black and Grey plastic



Product Code	Fabric
TK 1375	Grey Plastic
TK 1380	Black Plastic

Fixing kit



Product Code
TK 1390

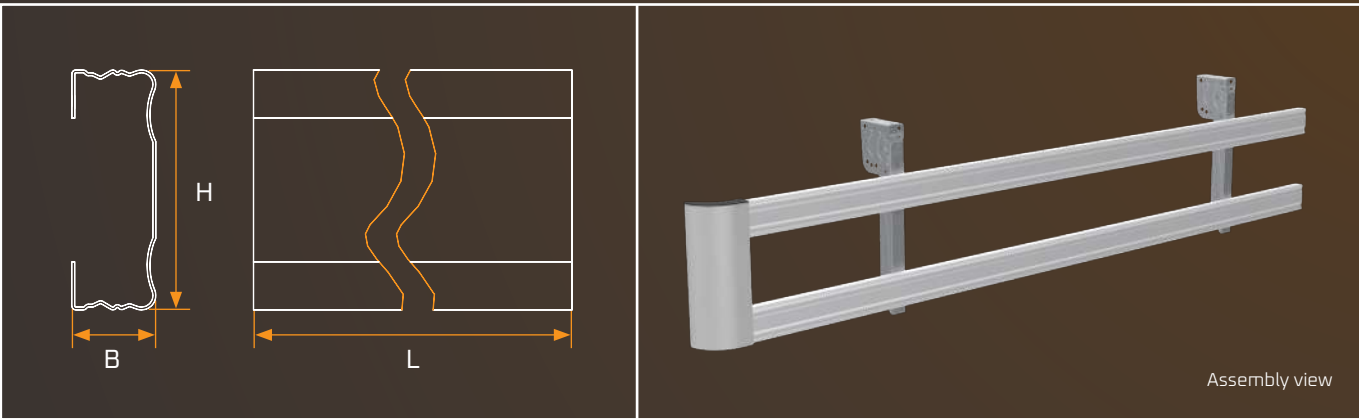
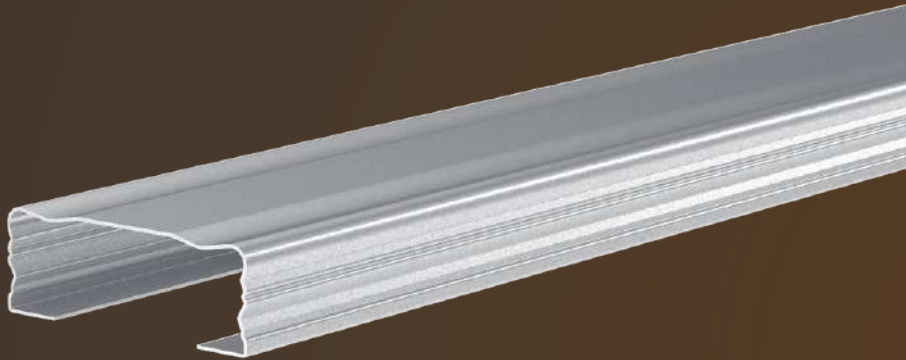
Skudo

ZM STEEL

- EN Side protection bar.
- IT Barre di protezione laterale.



E11 73R - 01

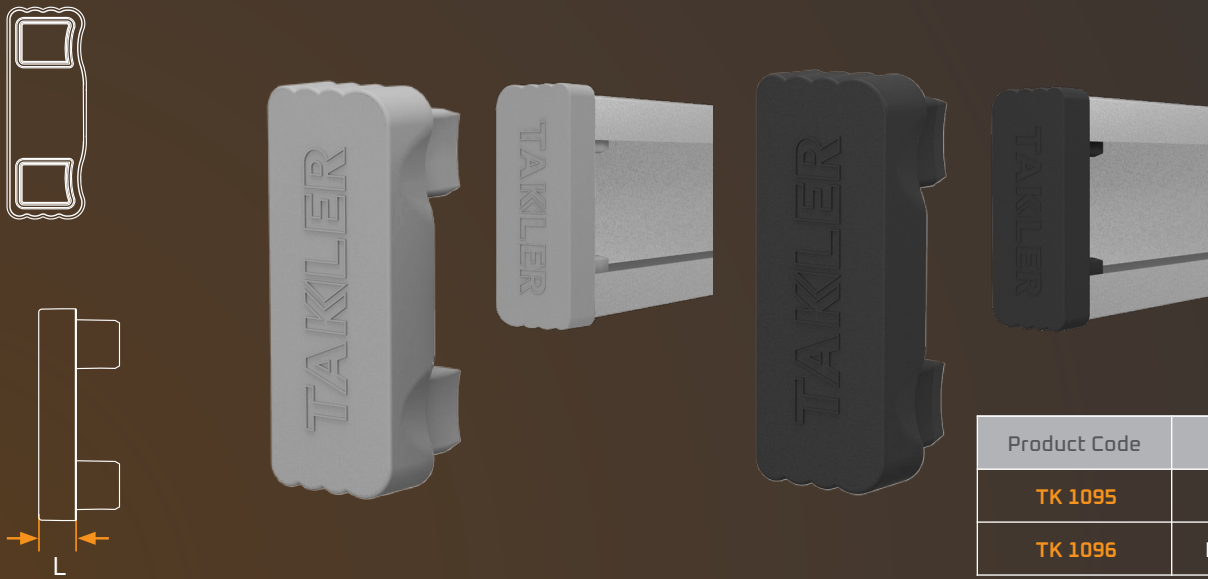


Product Code	L mm	B mm	H mm	kg		
TK 1410	3500	35	100	6,5	40	80
TK 1440	6500	35	100	12,2	40	80

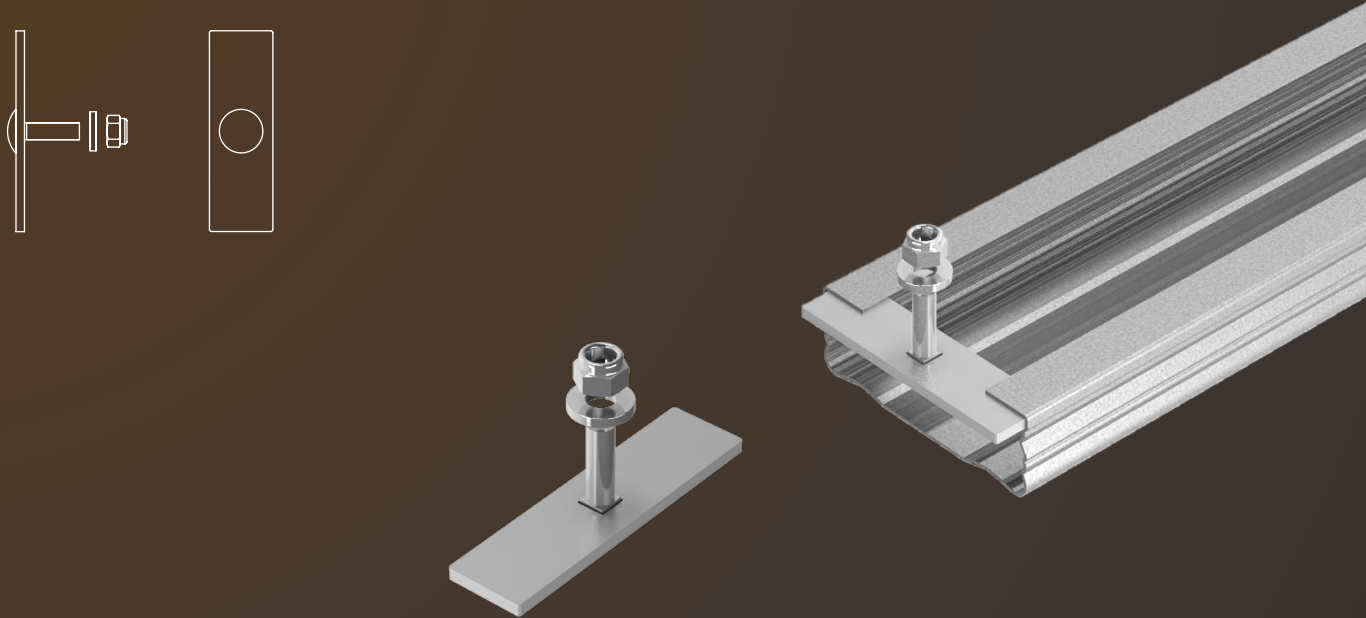
ACCESSORIES & COMPONENTS

End caps

Black and Grey plastic



Fixing kit



Product Code
TK 1490

Tekno

GREY AND BLACK PLASTIC

- EN
- Grey and black plastic side protection bar.
- IT
- Barre di protezione laterale in plastica grigia o nera.

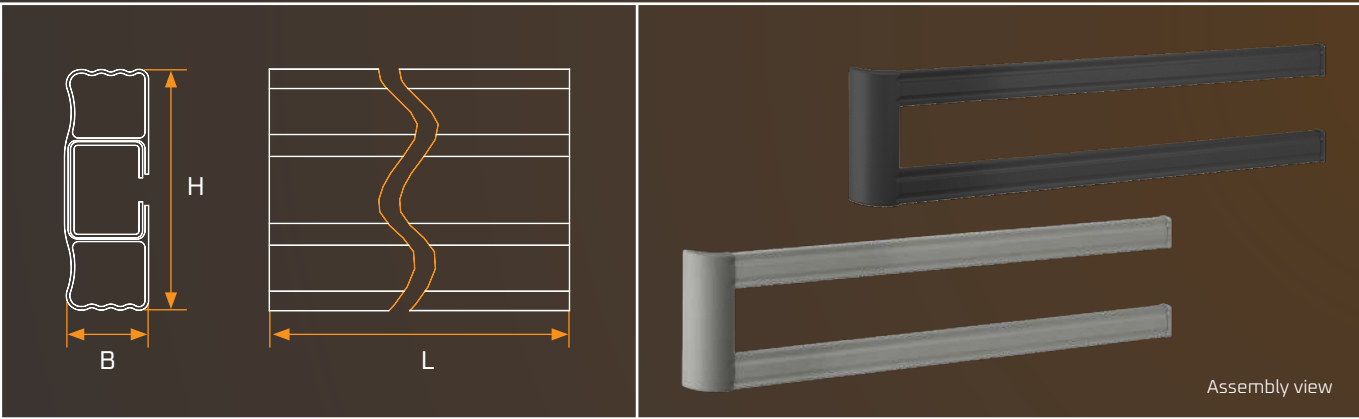
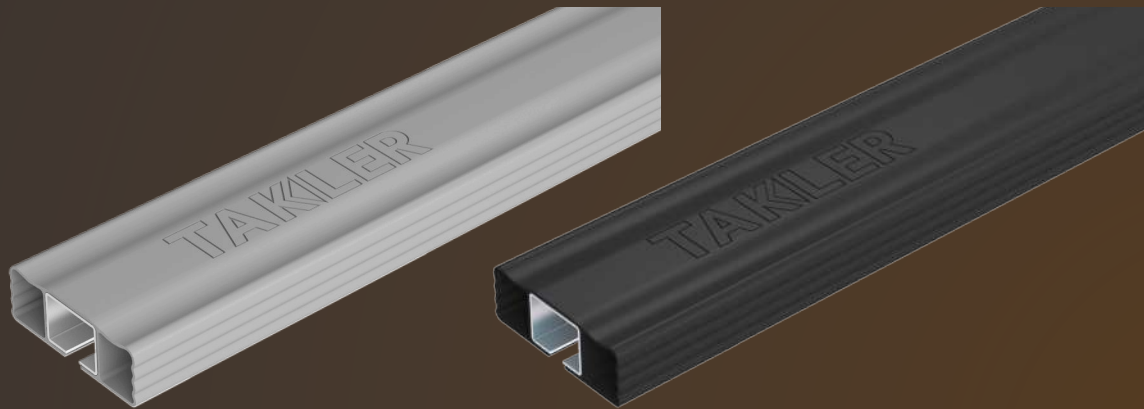


DIMENSION
CUSTOMIZATION



COLOUR

E11 73R - 01

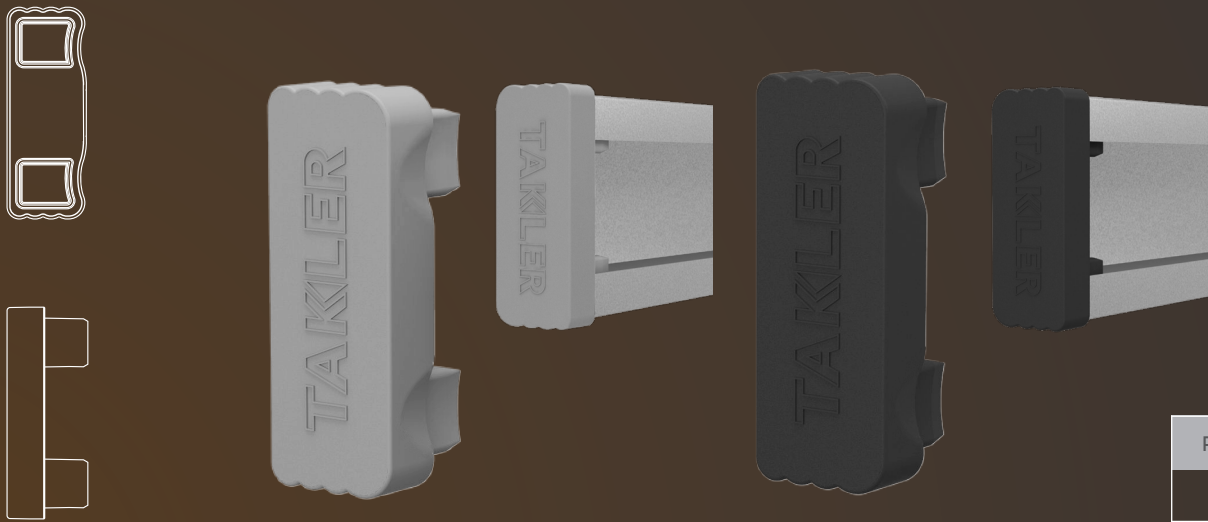


Product Code	L mm	B mm	H mm	kg		
TK 1007	3500	35	100	6,3	40	80
TK 1008	4500	35	100	8,1	40	80
TK 1009	5500	35	100	9,8	40	80
TK 1010	6500	35	100	11,7	40	80
TK 1012	3500	35	100	6,3	40	80
TK 1013	4500	35	100	8,1	40	80
TK 1014	5500	35	100	9,8	40	80
TK 1015	6500	35	100	11,7	40	80

ACCESSORIES & COMPONENTS

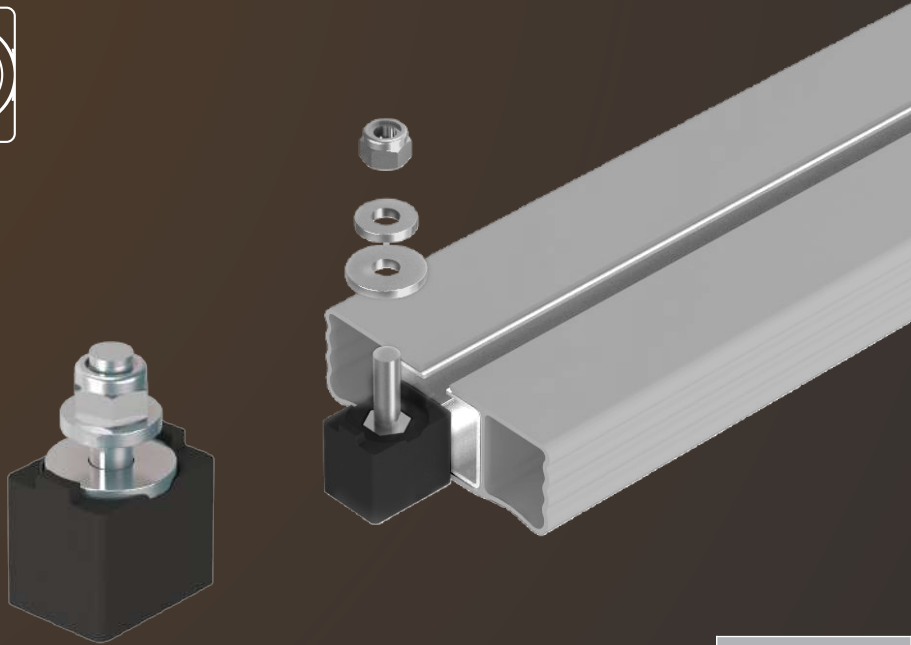
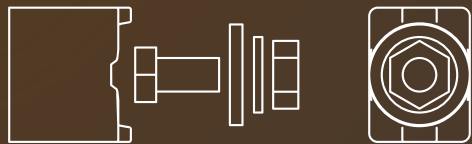
End caps

Grey and black plastic



Product Code
TK 1095
TK 1096

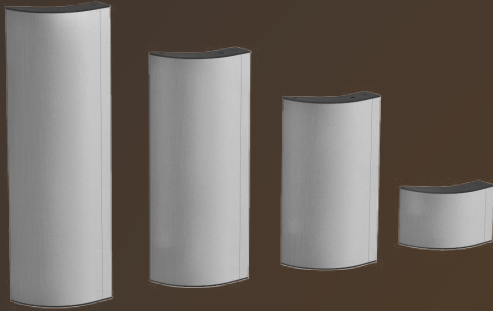
Fixing kit



Product Code
TK 1090

Headers

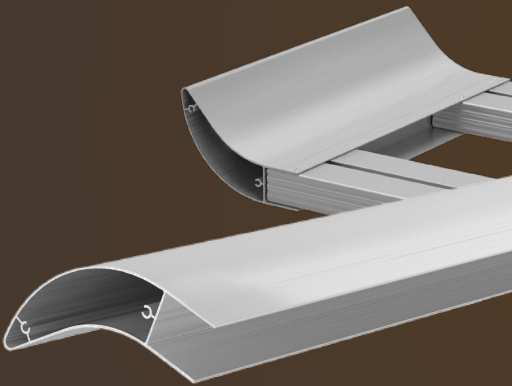
Anodised Aluminium



Product Code
TK 1310
TK 1320
TK 1330
TK 1340

Header profiles

Anodised Aluminium



Product Code
TK 1350
TK 1360

End cap

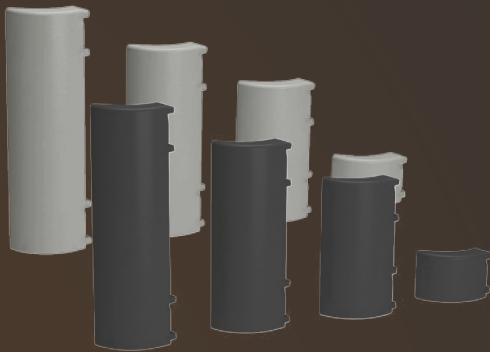
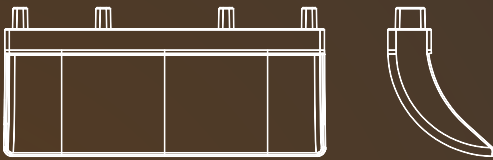
Black plastic



Product Code
TK 1385

Headers

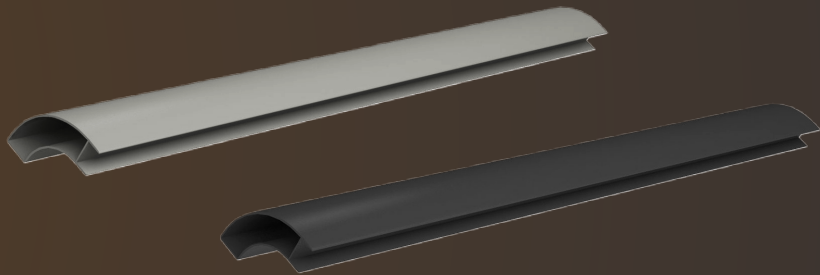
Grey and black plastic



Product Code
TK 1027
TK 1032
TK 1037
TK 1042
TK 1028
TK 1033
TK 1038
TK 1043

Header profiles

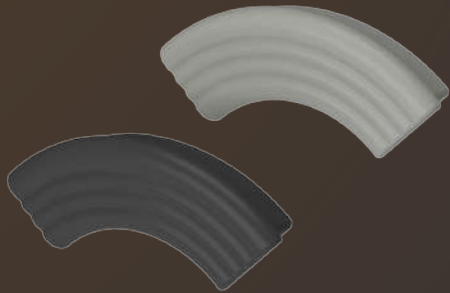
Grey and black plastic



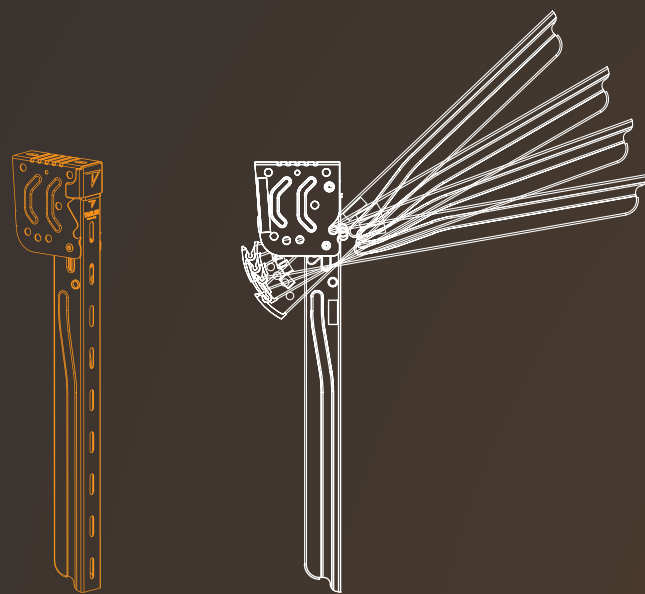
Product Code
TK 1020
TK 1021

End caps

Grey and black plastic



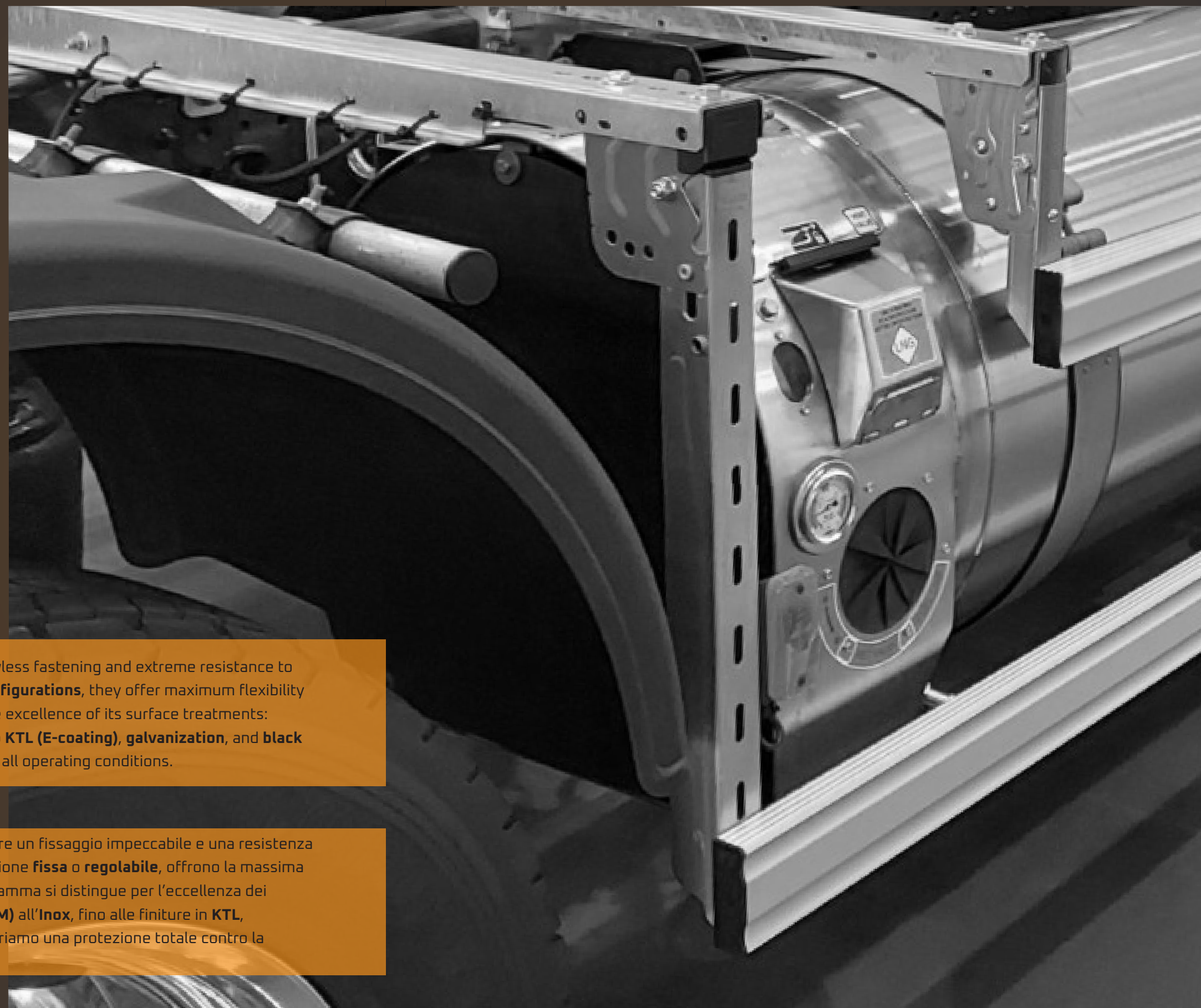
Product Code
TK 1095
TK 1096



Brackets Staffe

EN Takler mounting **brackets** are engineered to ensure flawless fastening and extreme resistance to atmospheric agents. Available in **fixed** or **adjustable configurations**, they offer maximum flexibility for every type of bodywork. Our range stands out for the excellence of its surface treatments: from **Zinc-Magnesium (ZM) steel** and **Stainless Steel** to **KTL (E-coating)**, **galvanization**, and **black powder coating**, we ensure total corrosion protection in all operating conditions.

IT Le **staffe** di supporto Takler sono progettate per garantire un fissaggio impeccabile e una resistenza estrema agli agenti atmosferici. Disponibili in configurazione **fissa** o **regolabile**, offrono la massima flessibilità per ogni tipologia di allestimento. La nostra gamma si distingue per l'eccellenza dei trattamenti superficiali: dall'**acciaio Zinc-Magnesium (ZM)** all'**Inox**, fino alle finiture in **KTL**, **zincatura a freddo** e **verniciatura a polvere nera**, assicuriamo una protezione totale contro la corrosione in ogni condizione d'impiego.



Ylon

ZM STEEL, BLACK VARNISHED POWDER AND STAINLESS STEEL



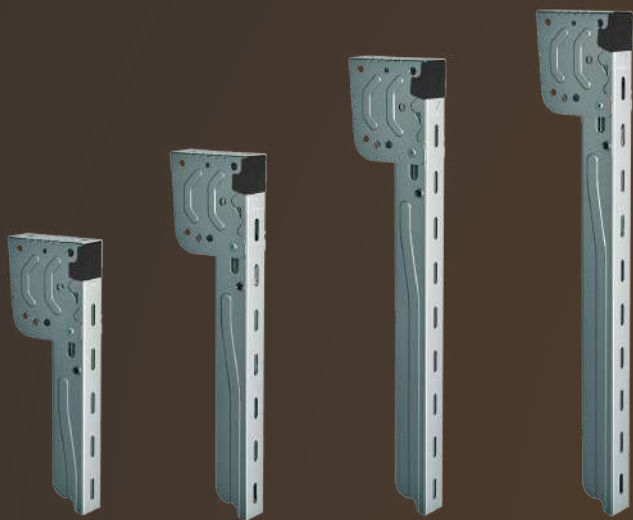
DIMENSION
CUSTOMIZATION

COLOUR

E11 73R - 01

EN Adjustable brackets.

IT Staffe regolabili.



Product Code	Fabric	L mm	B mm	H mm	S mm	kg		
TK 3021	ZM Steel	54,7	140	430	155	0,8	16	480
TK 3023	ZM Steel	54,7	140	572	155	1,8	16	480
TK 3025	ZM Steel	54,7	140	710	155	2	16	352
TK 3029	ZM Steel	54,7	140	790	155	2,2	16	352
TK 3044	B. V. P.	54,7	140	572	155	1,8	16	480
TK 3048	B. V. P.	54,7	140	710	155	2	16	352
TK 3034	S.S.	54,7	140	572	155	1,6	16	480
TK 3038	S.S.	54,7	140	710	155	1,89	16	352

First

ZM STEEL AND POLISHED STAINLESS STEEL



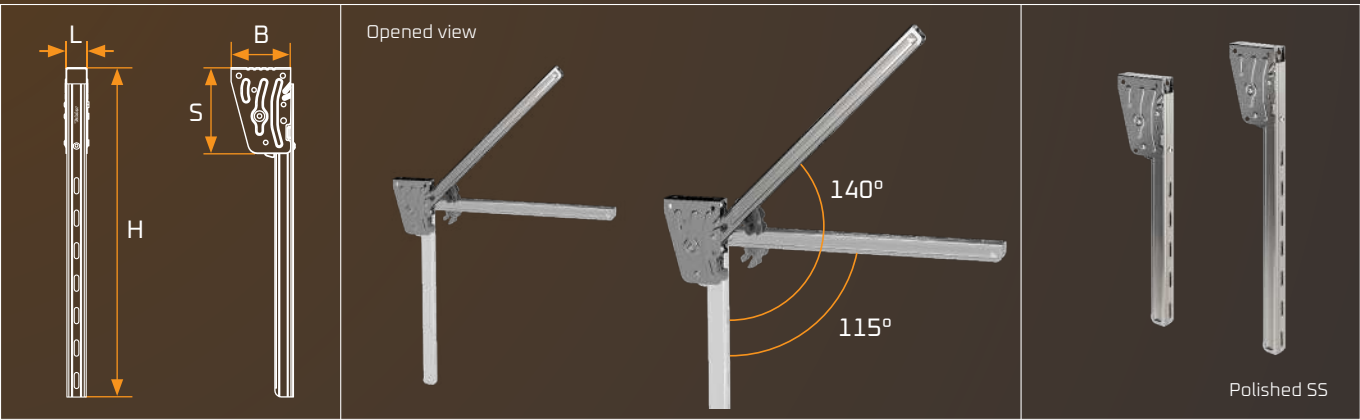
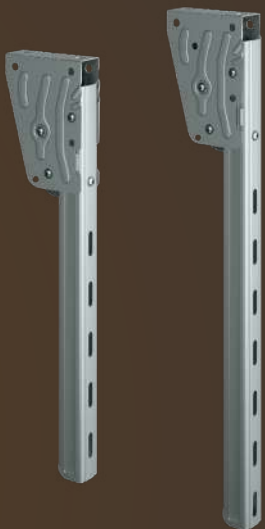
DIMENSION
CUSTOMIZATION

COLOUR

E11 73R - 01

EN Adjustable brackets.

IT Staffe regolabili.



Product Code	Fabric	L mm	B mm	H mm	S mm	kg		
TK 3002	ZM Steel	46	130	572	185	1,5	24	480
TK 3007	ZM Steel	46	130	710	185	2,1	24	360
TK 3035	Polished SS	46	130	572	185	1,5	24	480
TK 3040	Polished SS	46	130	710	185	1,7	24	360

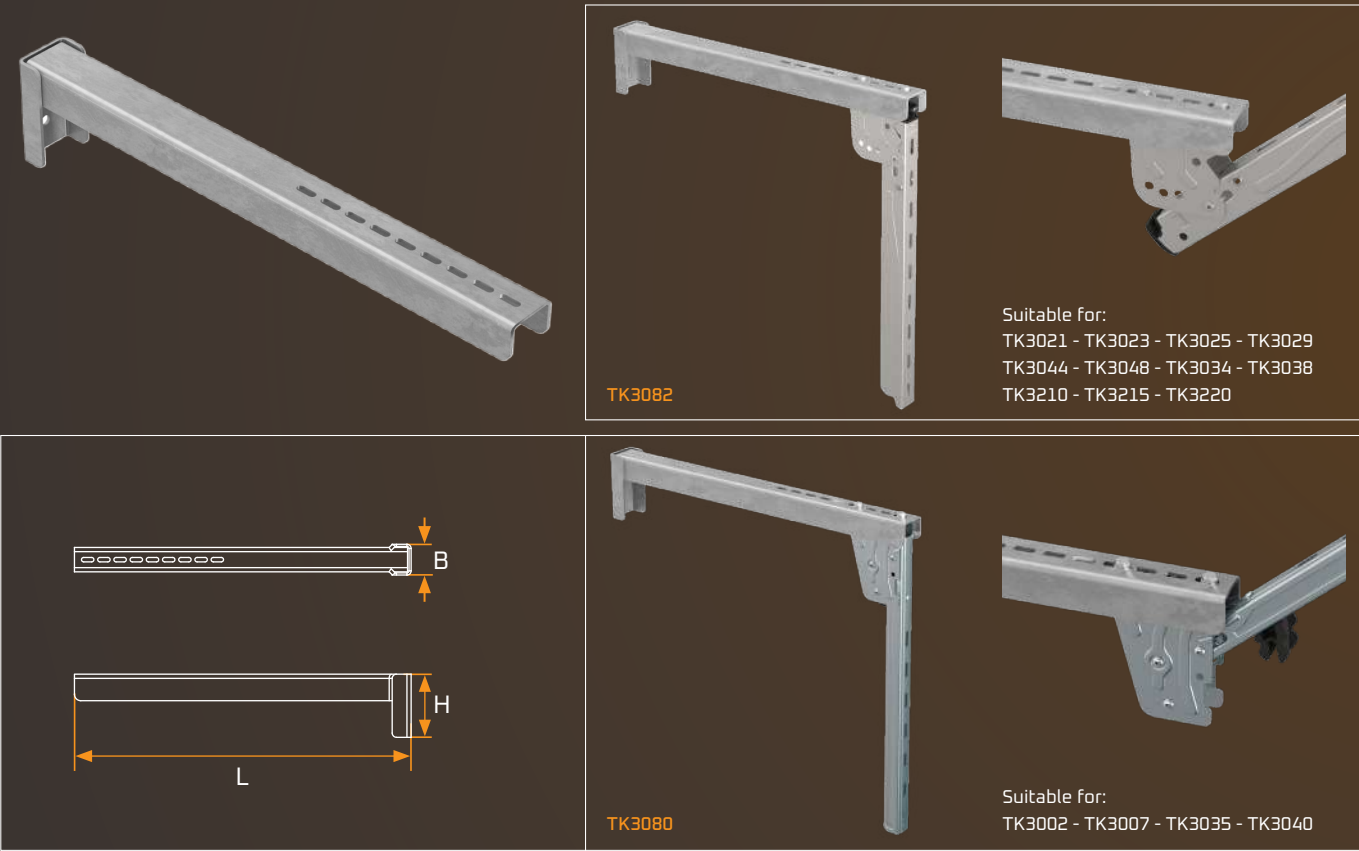
Brackets

ROUGH

- EN Support for Kers, Ylon and First adjustable brackets.
- IT Supporto per staffe regolabili Kers, Ylon e First.



E11 73R - 01

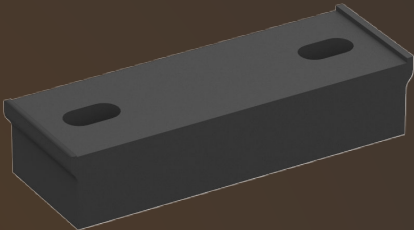


Product Code	L mm	B mm	H mm	> < mm	kg	cube	key
TK 3082	800	83	150	5	5,82	24	96
TK 3080	800	74	150	5	6	24	96

ACCESSORIES & COMPONENTS

Spacer

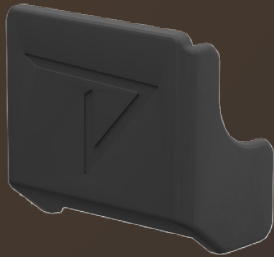
Black plastic



Product Code	L mm	B mm	H mm	kg	cube
TK 3092	146	49,7	32	0,11	60
TK 3090	136	41,5	32	0,08	60

Cap

Black plastic



Suitable for Ylon brackets.

Product Code
50000117

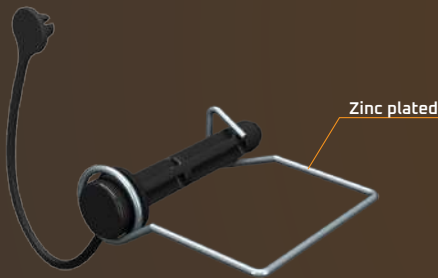
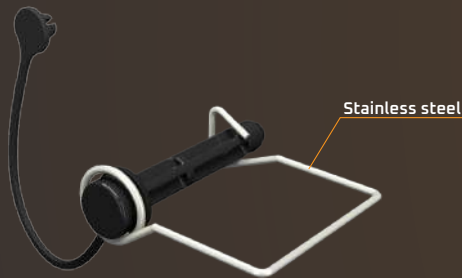
Nylon spring
Black plastic



Product Code
50000112

Suitable for Ylon brackets.

Extra pin
Zinc plated and Stainless steel



Product Code	Fabric
50000350	Stainless steel
50000351	Zinc plated

Suitable for Ylon brackets.

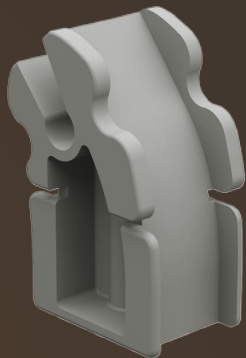
Plastic cord for extra pin
Black plastic



Product Code
50000116

Suitable for Ylon brackets.

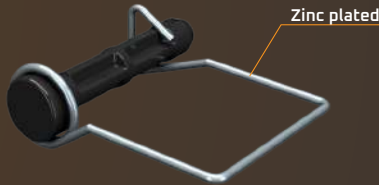
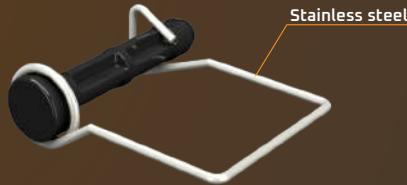
Nylon spring
Grey plastic



Product Code
50000030

Suitable for First brackets.

Extra pin
Zinc plated and Stainless steel



Product Code	Fabric
50000352	Stainless steel
50000353	Zinc plated

Suitable for First brackets.

Plastic cord for extra pin
Black plastic



Product Code
50000116

Suitable for First brackets.

Fix square

KTl

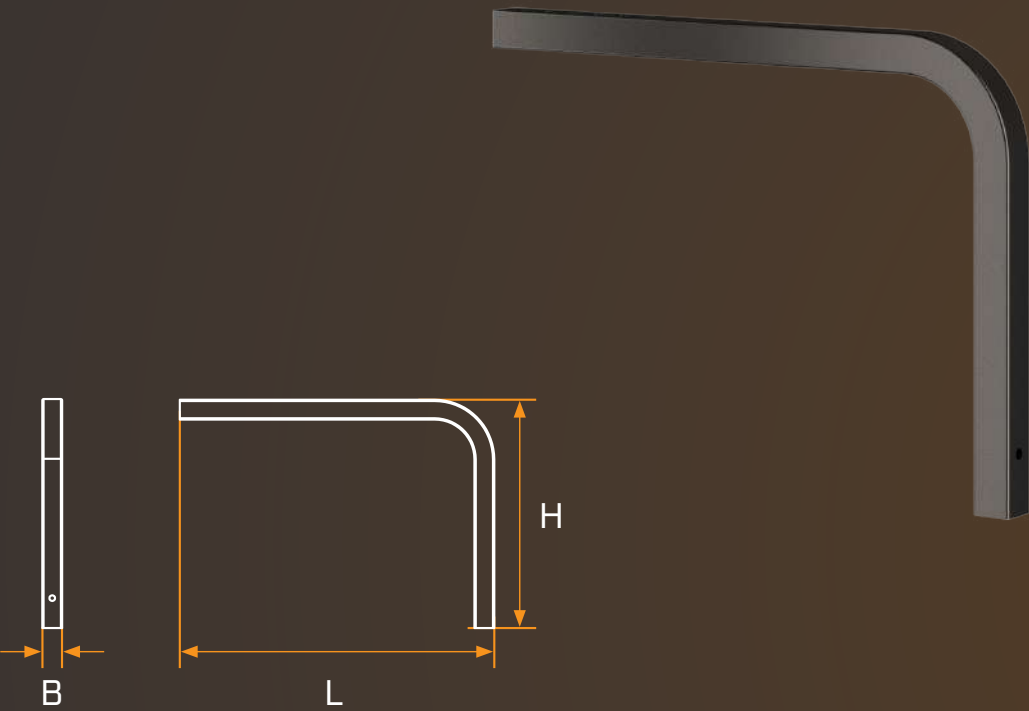


DIMENSION
CUSTOMIZATION



COLOUR

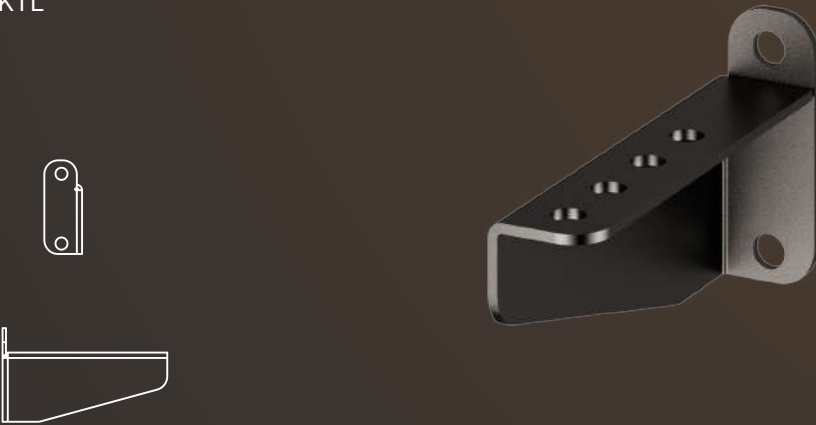
E11 73R - 01
89/297/CEE R73



Product Code	L mm	B mm	H mm	kg		
TK 3062	475	30	345	1,87	100	100

Support

KTl



Product Code

TK 6825

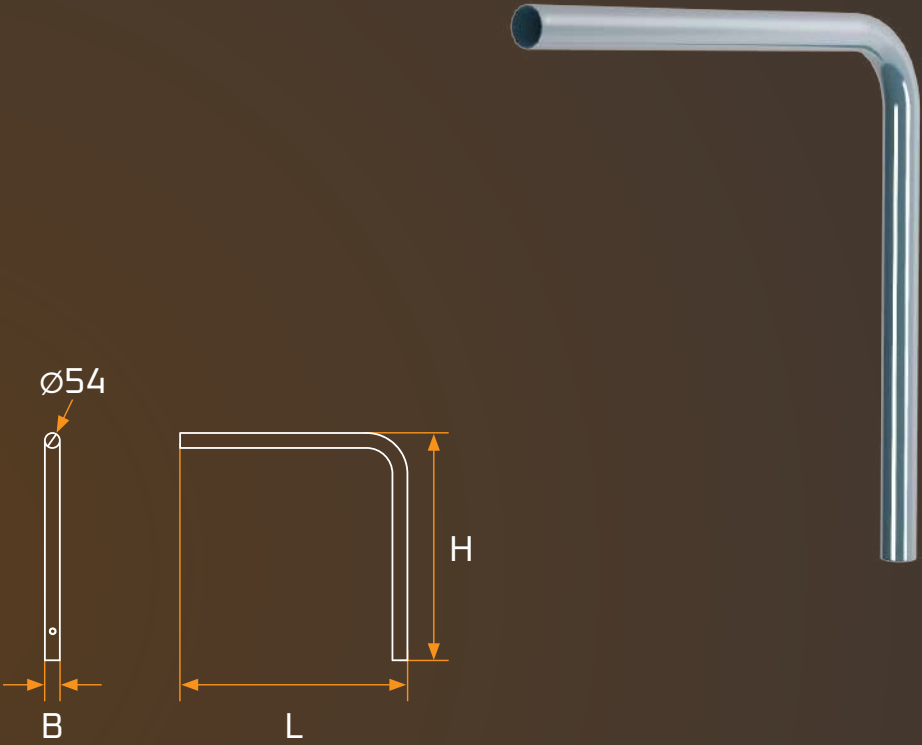
Fix round

ZINC PLATED



DIMENSION
CUSTOMIZATION

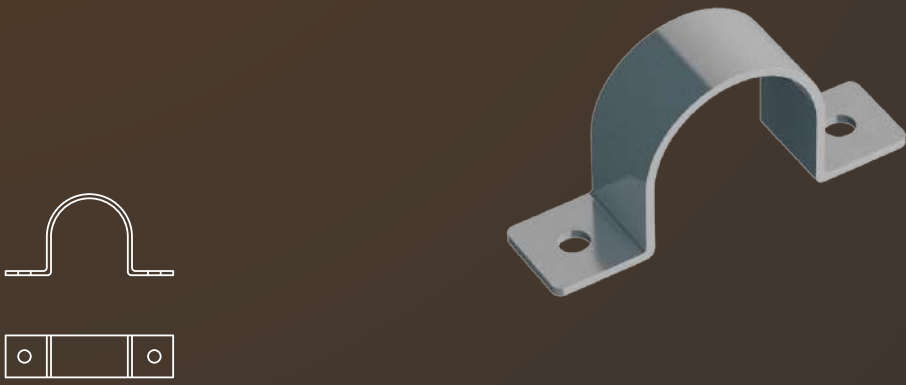
E11 73R - 01
89/297/CEE R73



Product Code	L mm	B mm	H mm	kg		
TK 3060	810	54	810	3,9	100	100

Support

Zinc plated



Product Code

TK 1085

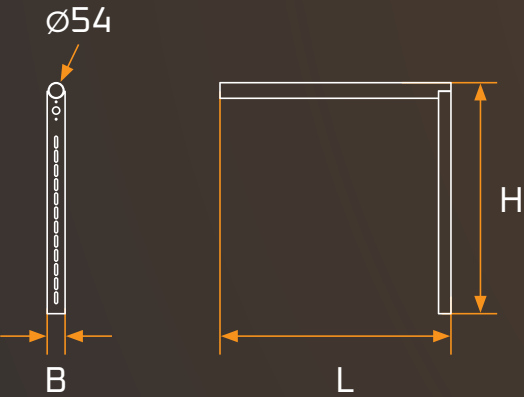
FIXED BRACKETS

Fix 800

ZINC PLATED



E11 73R - 01
89/297/CEE R73

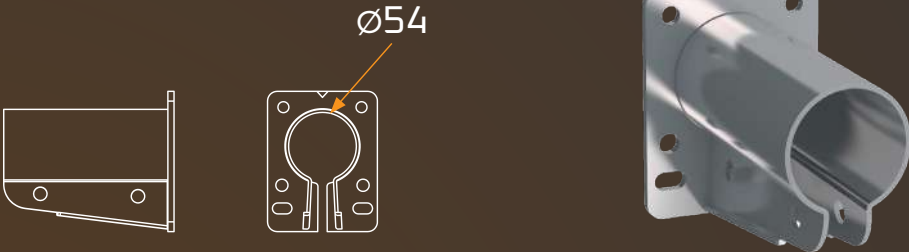


Product Code	L mm	B mm	H mm	kg		
TK 3054	800	54	800	3,9	100	100

ACCESSORIES & COMPONENTS

Support

Zinc plated



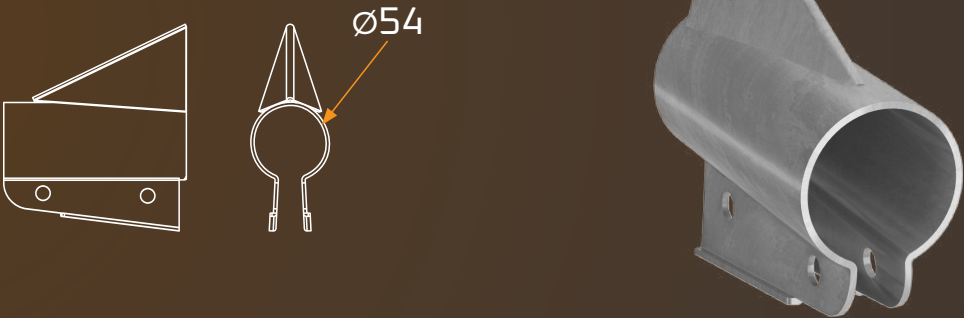
Product Code

TK 6840

Suitable for Fix round, Fix 800 and Fix 700 brackets.

Support

Rough



Product Code

TK 6850

Suitable for Fix round, Fix 800 and Fix 700 brackets.

End cap

Black plastic



Product Code

TK 9950

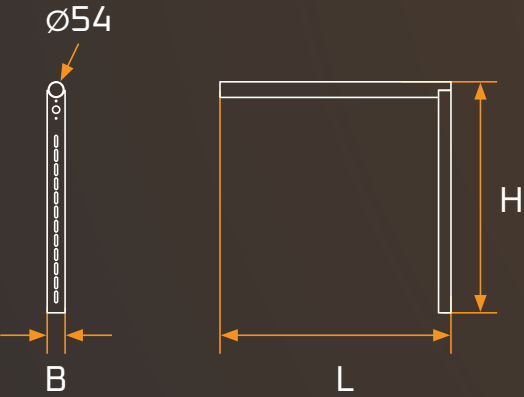
FIXED BRACKETS

Fix 700

ZINC PLATED



E11 73R - 01
89/297/CEE R73

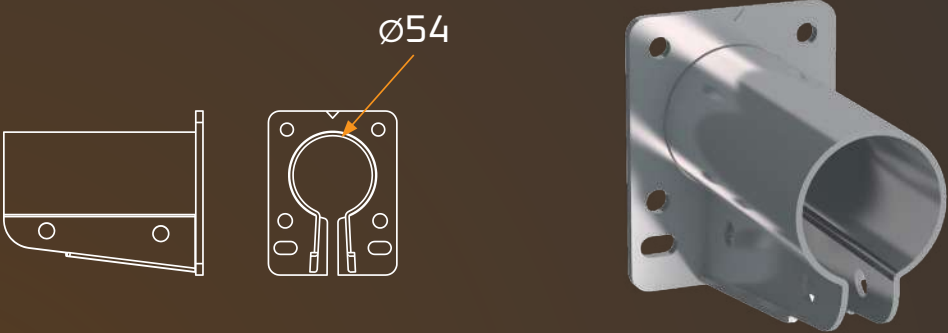


Product Code	L mm	B mm	H mm	kg		
TK 3054	800	54	800	3,9	100	100

ACCESSORIES & COMPONENTS

Support

Zinc plated

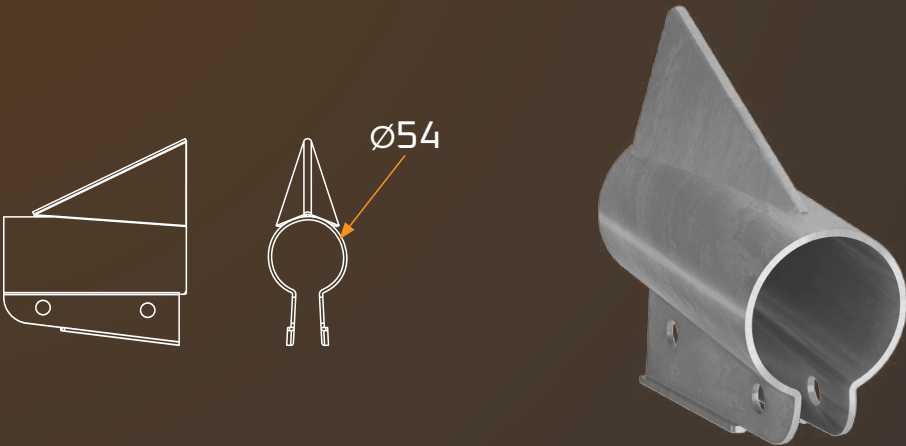


Suitable for Fix round, Fix 800 and Fix 700 brackets.

Product Code
TK 6840

Support

Rough



Suitable for Fix round, Fix 800 and Fix 700 brackets.

Product Code
TK 6850

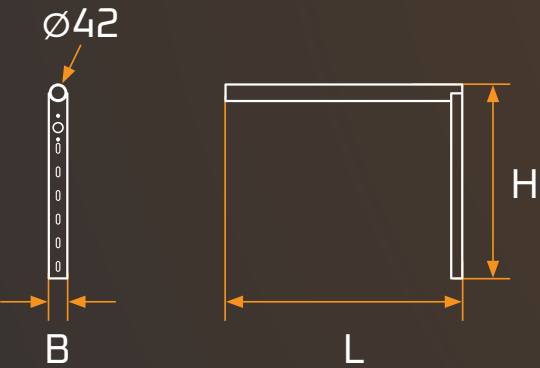
FIXED BRACKETS

Fix 500

ZINC PLATED



E11 73R - 01
89/297/CEE R73

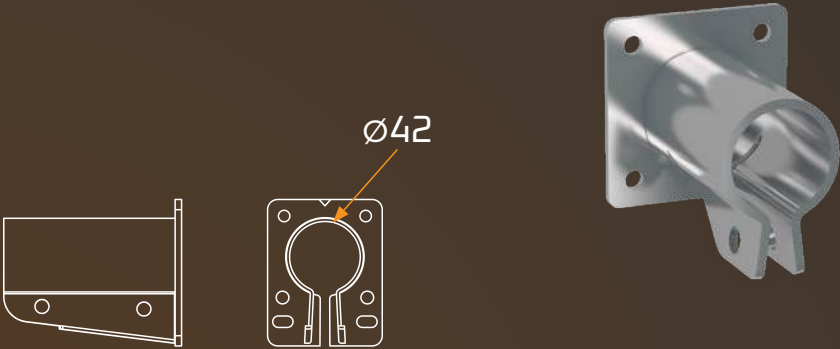


Product Code	L mm	B mm	H mm	kg		
TK 3052	600	47	492	1,9	100	100

ACCESSORIES & COMPONENTS

Support

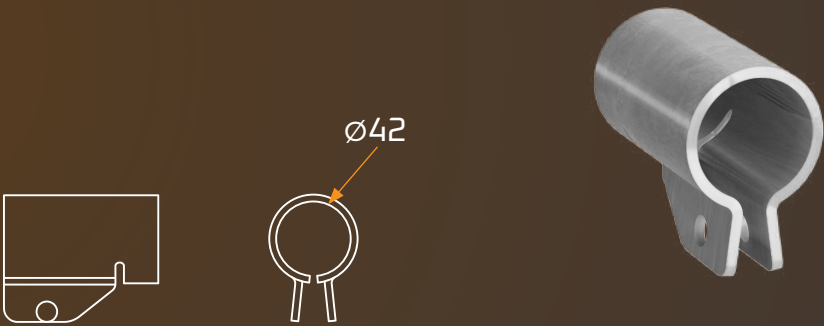
Zinc plated



Product Code
TK 6810

Support

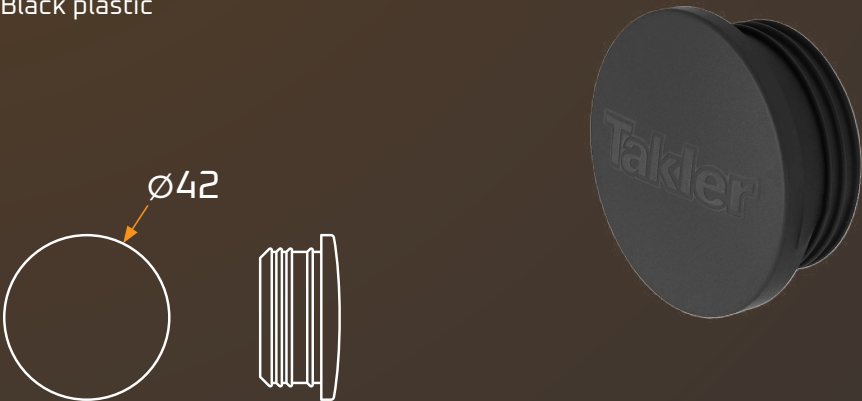
Rough



Product Code
TK 6815

End cap

Black plastic



Product Code
TK 9955



takler.it

