

Stretchline

CS Leg sets overview



STRETCH_LINE

Version 2. July 2025



fs solutions

by hellomoov



CS LEG SETS Overview

Introduction

STRETCH_LINE

FS Solutions brings STRETCH_LINE to the next level

From 01.01.2019 FS Solutions has taken over the STRETCH_LINE Transportsystem from MS Plus Automation/Schüco.

This proven transport system is an ideal addition to the modular transport systems of FS Solutions. Customers are ensured with a unique range and extensive application know-how for the STRETCH-LINE system.

FS Solutions is a provider of turnkey solutions, components as well as assembly kits for process automation and internal transport.

Since the start in 2005, FS Solutions has built up an impressive reference list in manufacturing high-end transportsystems and production automation for various industries, such as: Logistics, Food, Consumer goods (FMCG), Tobacco and Pharma.

Our motivated and enthusiastic team always strives to provide a fast and adequate response. As FS Solutions uses high-quality, modular elements, each system can be compiled to requirement. Our extensive service does not end on delivery.

“With over 20 years of experience and know-how, FS Solutions is guaranteed to find you a high-end solution.”

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Patents
Parts of the FS Solutions product range are protected by patents and design regulations. Drawings are made to European standards.

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Icon overview

General



Note Caution



Packaging unit



Material



Colour



Surface



Weight



Tools



Cutting profile to length



Left-hand version LS/
right-hand version RS



Type/Version



Fabrication



Mounting



Energy Efficiency

System related



Chain Type



Maximum permissible
chain pulling force



Maximum conveying
speed



Maximum permissible
line length



Drive motor



Conveyor chain material



Profile series



Effective chain length



Effective chain length -
inside curve



Effective chain length -
outside curve

Dimensions



Sizes, dimensions



Width



Length



Thread



Idler radius

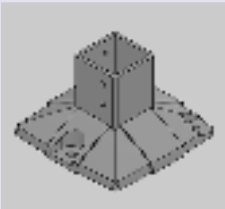
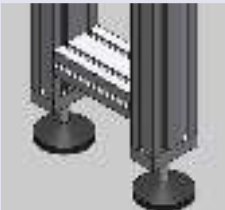
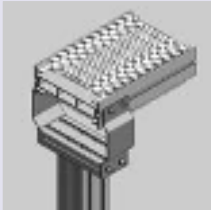
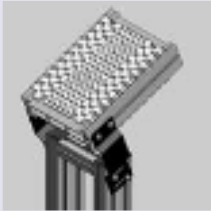
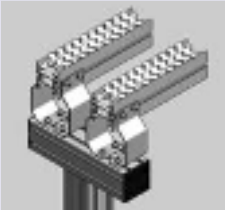
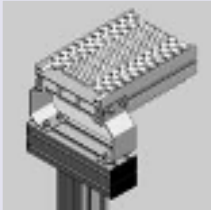
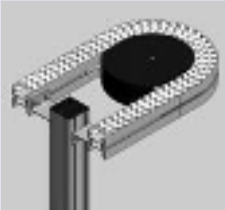
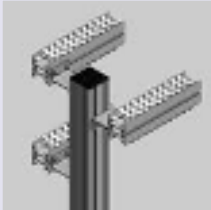


Idler angle

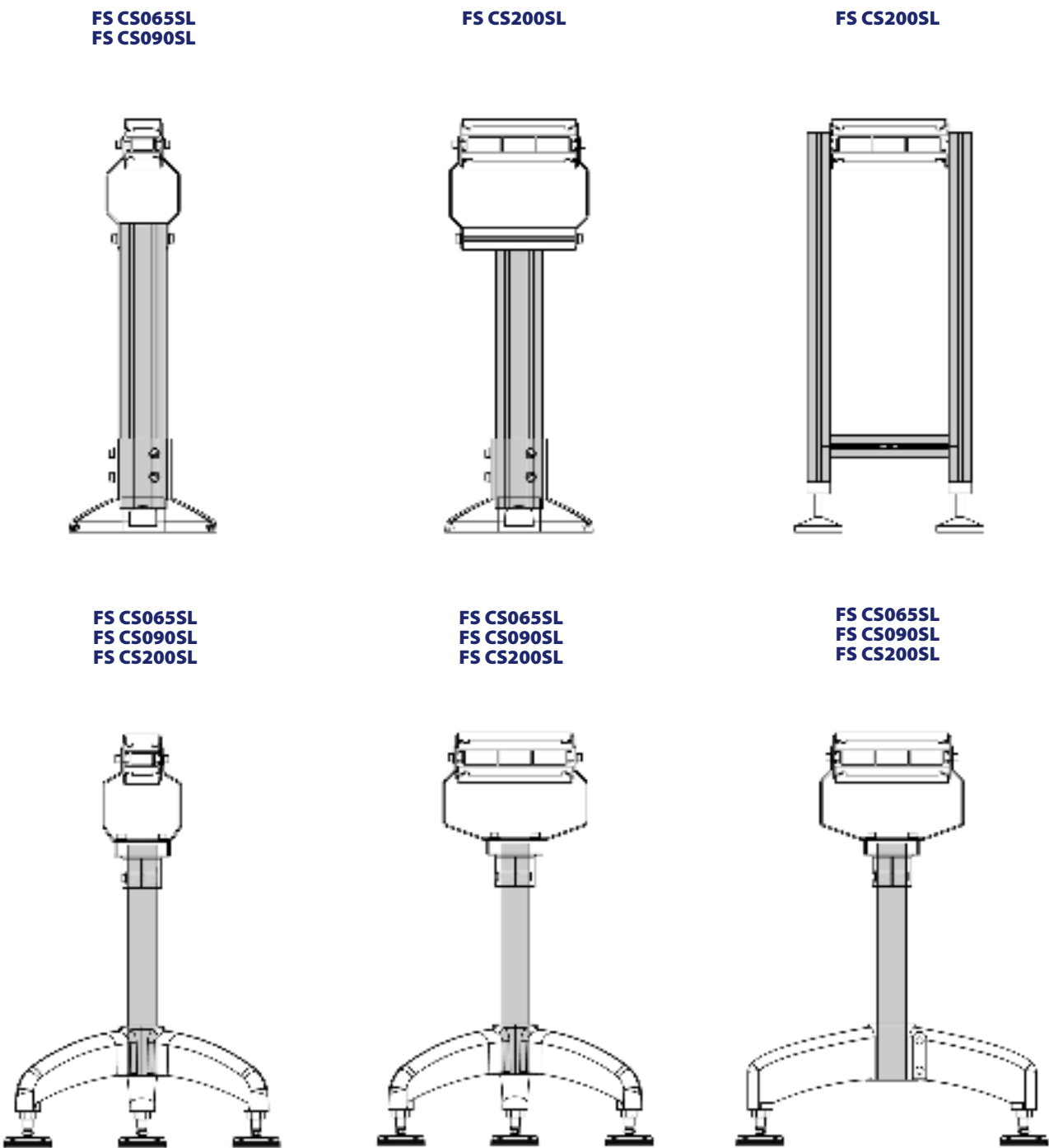


Drive pitch diameter

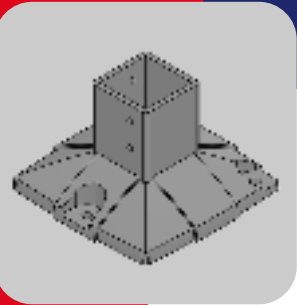
The pictures show the leg-mounted versions for various conveyor systems.

					FS CS065SL	FS CS090SL	FS CS200SL
Feet/profiles			80x80	hygienic floor connection bracket	●	●	●
			40x80	leg pair	○	○	●
			80x80				
Leg joint				standard	●	●	●
				variable	●	●	●
				horizontal strut	●	●	●
				vertical strut	●	●	○

●/○ applicable/not applicable

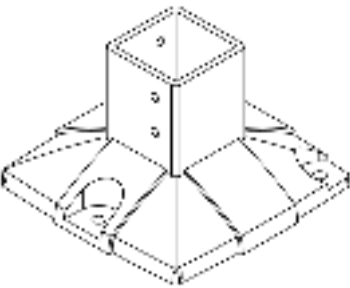


CS LEG SETS
Feets



Hygienic floor connection bracket

- Floor connection bracket for fixing profile 80 x 80 basic to the floor.
- Suitable for high loads.
- Suitable for high vertical loads in conjunction with adjustable foot.
- Includes fastening material for mounting profiles.
- Please make a separate order for floormounting fixing material.
- Hole for floor connection round 13mm



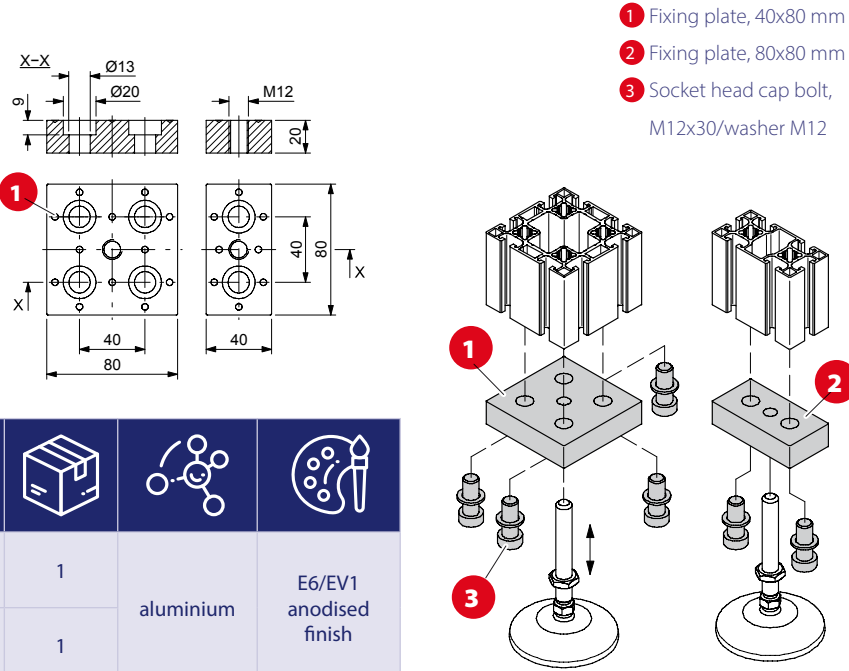
- FS CS065SL
- FS CS090SL
- FS CS200SL

	PROD.NO.			
Floor connection bracket	TCFF 80x250	1	cast aluminium	silver



Fixing plates

- Floor connection bracket for fixing profile 80 x 80 basic to the floor.
- Suitable for high loads.
- Suitable for high vertical loads in conjunction with adjustable foot.
- Includes fastening material for mounting profiles.
- Please make a separate order for floormounting fixing material.



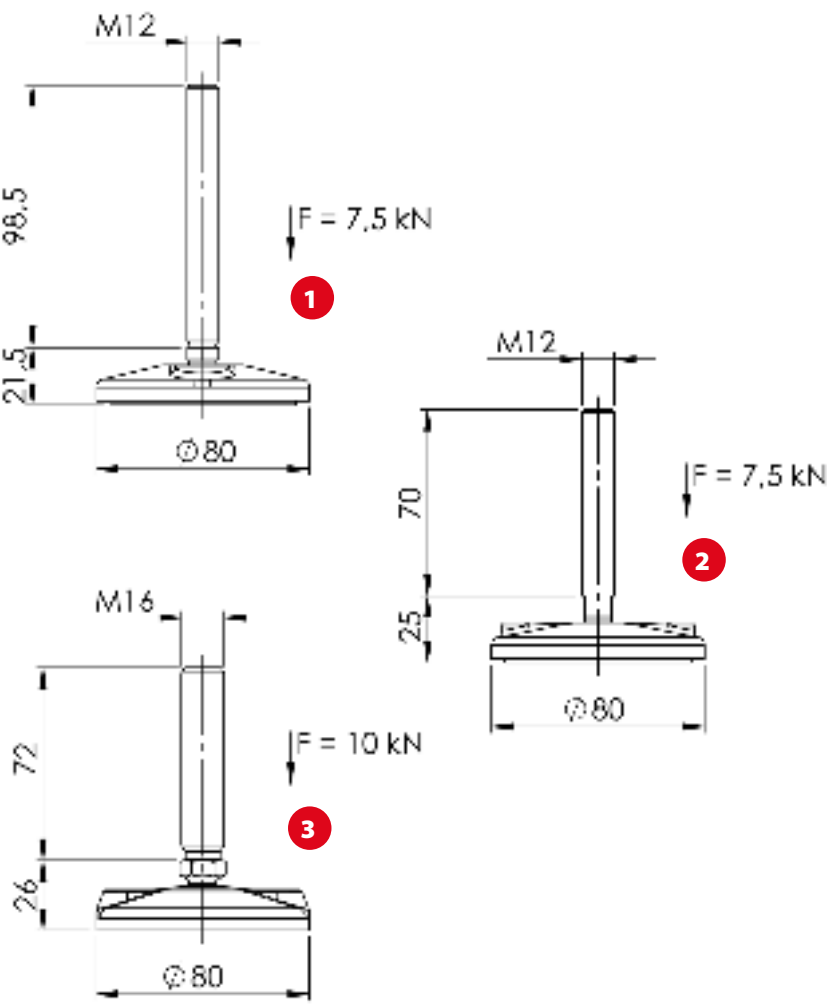
		PROD.NO.			
Fixing plate inc. fixing material	40x80	TCFE 40x80 M12	1	aluminium	E6/EV1 anodised finish
	80x80	TCFE 80 M12	1		

CS LEG SETS FEETS
Adjustable feet MS 40



- FS CS065SL
- FS CS090SL
- FS CS200SL

- Adjustable feet, infinitely variable in height.
- Cost-effective, fast assembly directly in the profile using bolt channel or in combination with fixing plates.
- Moving foot plate with damper for stability on uneven surfaces.
- Accessories: fixing plates and materials.



		PROD.NO.				
Adjustable foot, 80 mm dia., M12 x 100	1	J534890	M12	1	steel	galvanised
Adjustable foot, 80 mm dia., M12 x 70	2	J534891	M12	1	stainless steel	black (similar to RAL 9005)
Adjustable foot, 80 mm dia., M16 x 70	3	J534892	M16	1	stainless steel	

CS LEG SETS FEETS
Anchor bolt



- Anchor for fastening the floor connection bracket or clamping strap to the floor.
- Push-through assembly possible.
- Properties:
 - Thread size M12 for secondary fixings. Suitable for concrete, solid brick, thickwalled hollow brick.
 - Thread size M8 for fixing relevant to safety. Suitable for cracked and uncracked concrete, hard grey stone.

- FS CS065SL
- FS CS090SL
- FS CS200SL

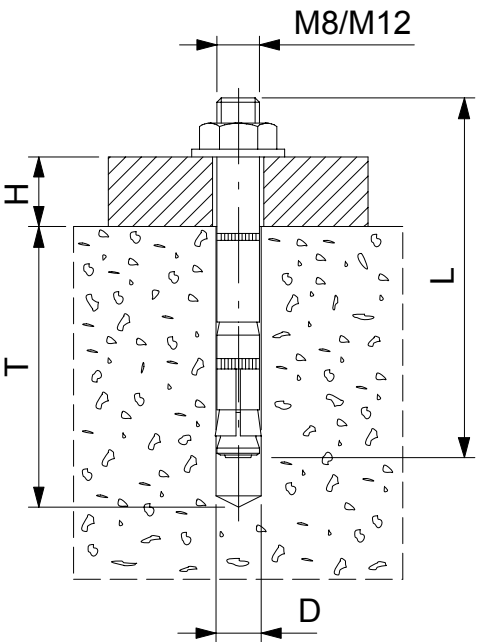


Note

The fastening elements must be matched to the static requirements and structural situation (edge spacings).

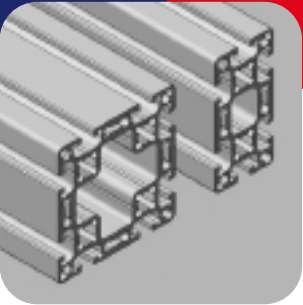
		M8	M12
Max. pulling force	F [kN]	1,6	2
Tightening torque	M [Nm]	25	40
Thread		M8	M12
Height	H [mm]	30	62
Length	L [mm]	95	110
Diameter	D [mm]	8	12
Min. hole depth	T [mm]	65	56

Dimensions



		PROD.NO.		
Anchor bolt	M8	J535 525	1	steel, galvanised
	M12	J535 526		

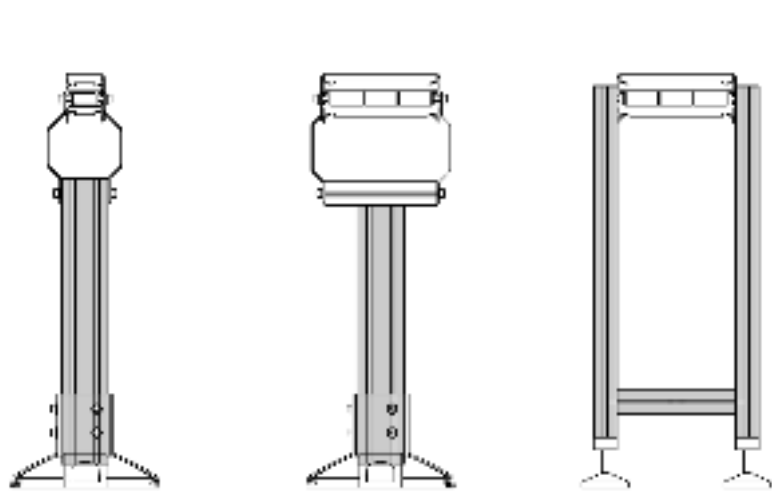
CS LEG PROFILES
Profiles for legs CS SL



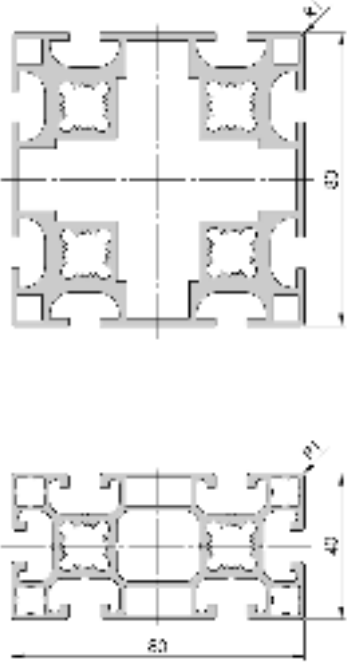
- System profiles for assembling legs.
- Self-forming M12 bolt channels.

- FS CS065SL
- FS CS090SL
- FS CS200SL

Determine cutting lengths

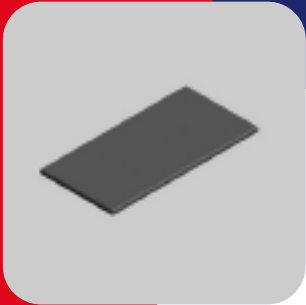


Dimensions

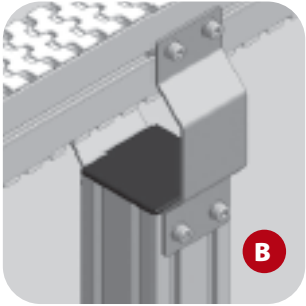
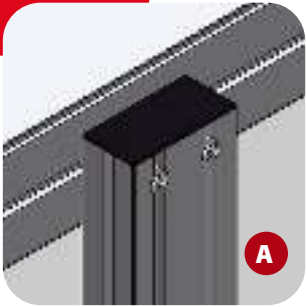


	PROD.NO.				
Profile B, 80x80	TCBB 6X80	6,0 m	EN AW-6060 T68	E6/EV1 anodised finish	J924 969
Profile closed, 80x80	TCBB 6X80 C	6,0 m			
Profile L, 40x80	TCBL 6X40X80	24,0 m	EN AW-6060 T68	E6/EV1 anodised finish	J924 968
Profile closed, 40x80	TCBB 6X40X80 C	108,0 m			

CS LEG PROFILES
Cover caps



- Cover caps:
 - close off profile end faces.
 - prevent ingress of dirt.
 - prevent cuts.
- Aesthetically pleasing design: rounded cover caps in shallow, flat geometry.
- No need to debur cut surface.
- Caps press/knock into the bolt channels

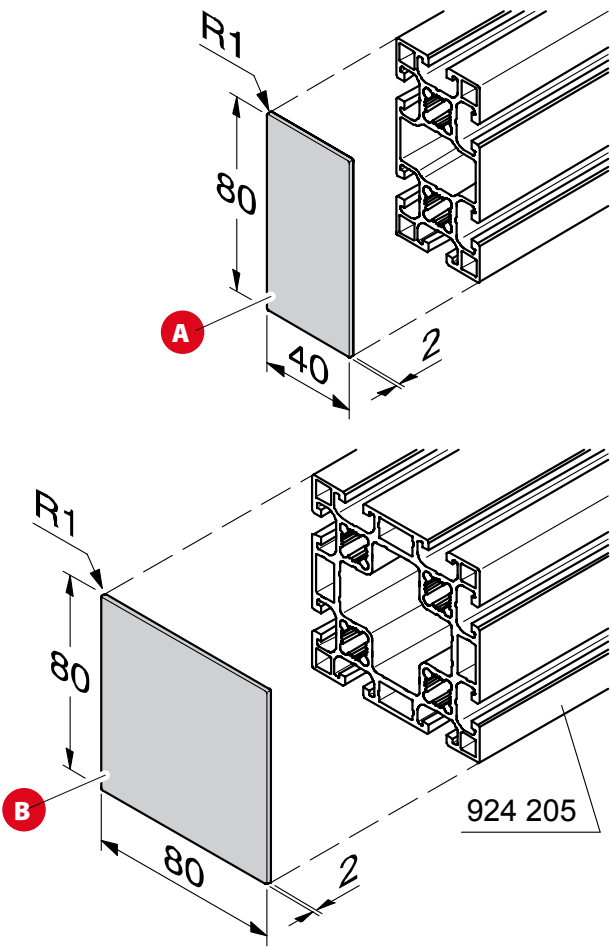


- FS CS065SL
- FS CS090SL
- FS CS200SL

Parts list

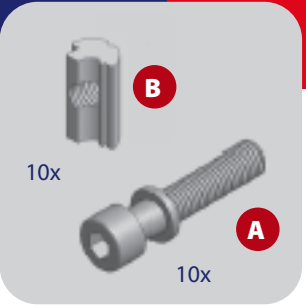
- A Cover cap, 40 x 80 mm basic
- B Cover cap, 80 x 80 mm basic

Dimensions

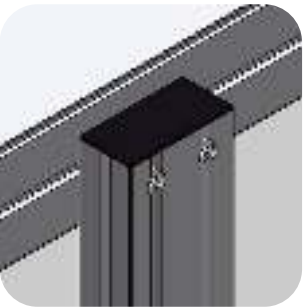


			PROD.NO.			
Cover cap	A	40 x 80	TCBE 40x80 G NLOGO	10	PA6-GB30	silver grey (similar to RAL 7001)
			TCBE 40x80 B NLOGO	10		black (similar to RAL 9005)
	B	80 x 80	TCBE 80 G NLOGO	10		silver grey (similar to RAL 7001)
			TCBE 80 B NLOGO	10		black (similar to RAL 9005)

CS LEG PROFILES
M8 bolt connection, with T-slot block

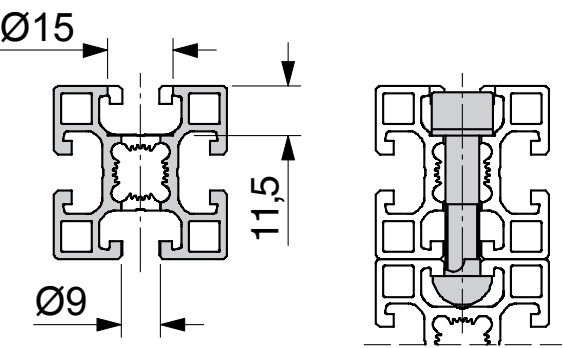


- For right-angled profile joints.
- Unilateral flexible positioning.
- Medium flexural strength.
- Profile machining necessary.

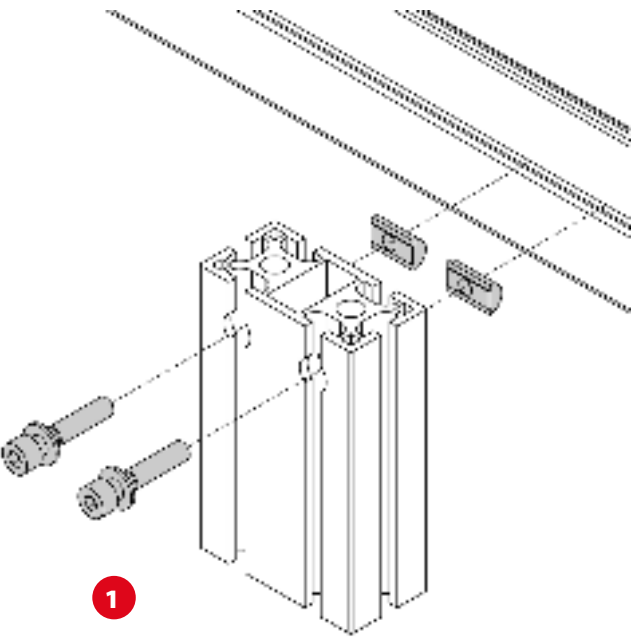


- FS CS065SL
- FS CS090SL
- FS CS200SL

Machining



Mounting



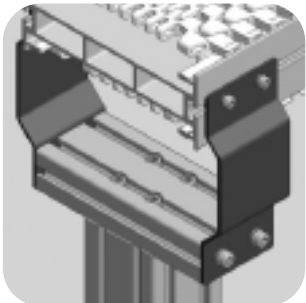
1 Socket head cap bolt, M8x40/washer M8

		 X [mm]	PROD.NO.		
	M8 bolted joint	40	TCSJ 8 E	10	steel, galvanised
		80	TCSJ 8 F	10	
	Drilling work	40	J924 976	1	
		80	J924 977	1	
	Drilling jig		J924 705	1	
	Step drill 9/15		TTCS 9x15	1	

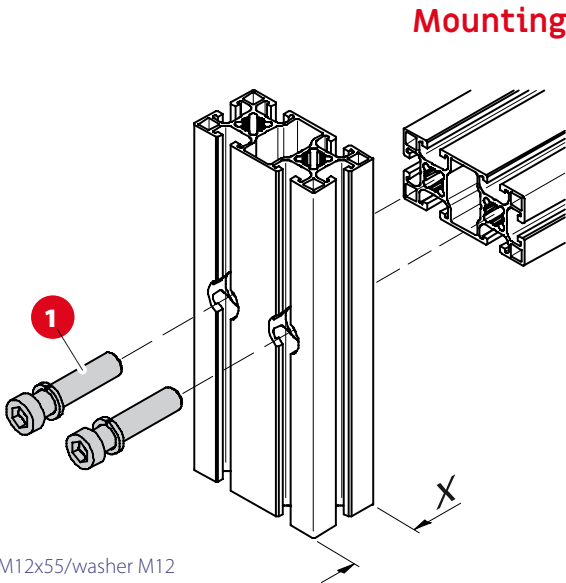
CS LEG PROFILES
M12 bolted joint



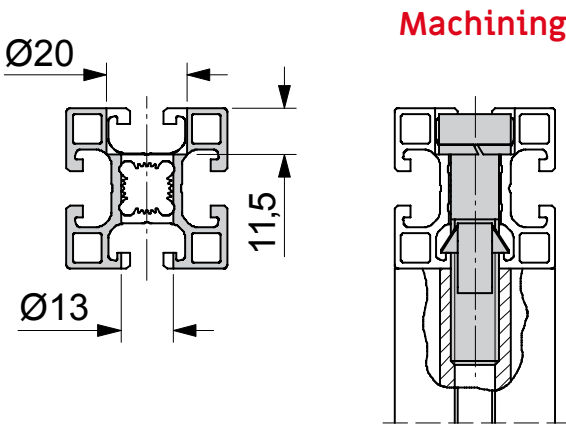
- For right-angled profile joints.
- High flexural strength.
- Profile machining necessary.



- FS CS065SL
- FS CS090SL
- FS CS200SL

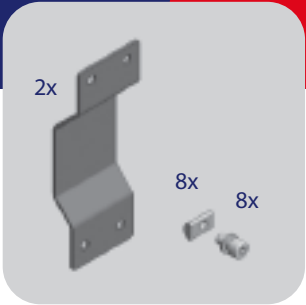


1 Socket head cap bolt, M12x55/washer M12



		 X [mm]	PROD.NO.			
	M12 bolted joint	40	TCSJ 12X40	10	steel	galvanised
		80	TCSJ 12X80	10		
	Drilling work	40	J924 976	1		
		80	J924 977	1		
	Drilling jig Step drill 13/20		J924 705	1		
			TTCS 13x20	1		

CS LEG JOINTS
FS CS065/FS CS090SL, standard



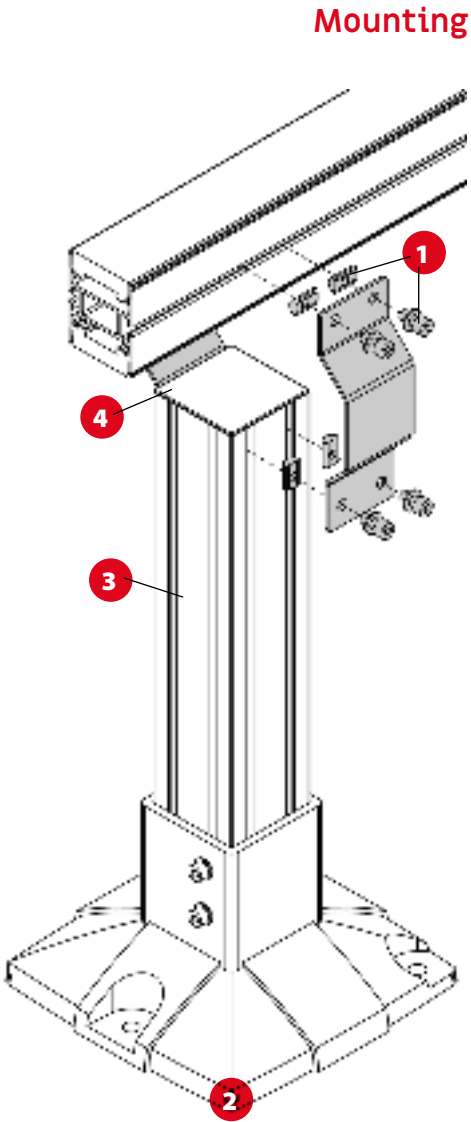
- Leg joint for mounting the horizontal conveyor line on individual legs constructed from 80 x 80 mm system profile
- Material thickness 3 m.
- Includes fixing material.

- FS CS065SL
- FS CS090SL
- FS CS200SL



Note

The fastening elements must be matched to the static requirements and structural situation (edge spacings).

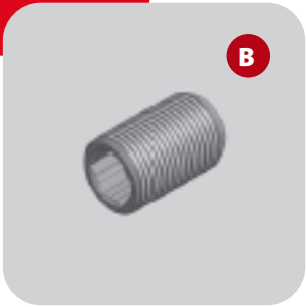
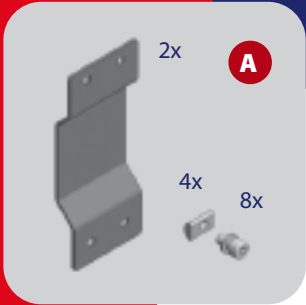


Parts list

- 1 Leg joints/socket head cap bolt M8x14/washer M8/steel T-slot block M8
- 2 Floor connection bracket
- 3 Profile, 80 x 80 B
- 4 Cover cap, 80 x 80 B

		PROD.NO.			
Leg joint, standard	FS CS065SL	J927 735	2	steel	black
	FS CS090SL	J927 766	2		

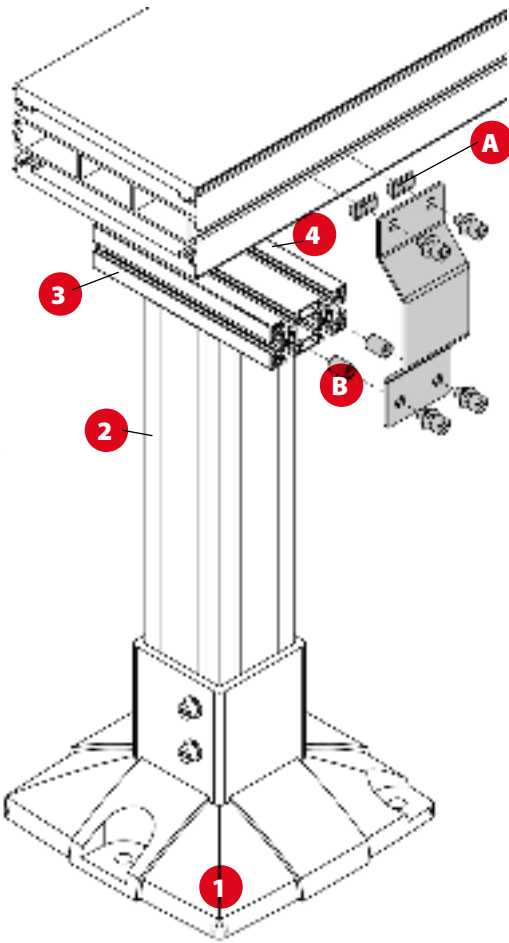
CS LEG JOINTS
FS CS200SL, standard



- FS CS065SL
- FS CS090SL
- FS CS200SL

- Leg joint for mounting the horizontal conveyor line on individual legs with cross beam constructed from 80x80mm and 40x80mm system profiles.
- Material thickness 3 mm.
- Includes fixing material.

Mounting



Parts list

- A Leg joints/socket head cap bolt M8x14/ washer M8/steel T-slot block M8
- B M12/M8 reducing sleeve
- 1 Floor connection bracket
- 2 Profile, 80 x 80 B
- 3 Profile, 40 x 80 B
- 4 M12 bolted joint

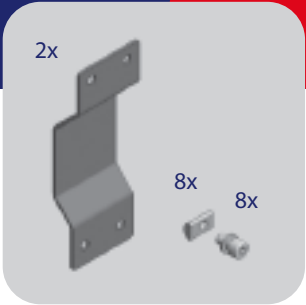
Note

The fastening elements must be matched to the static requirements and structural situation (edge spacings).

		PROD.NO.			
Leg joint, standard	A	J927 831	2	steel	black
M12/M8 reducing sleeve	B	J534 125	10	steel, galvanised	

STRETCH_LINE

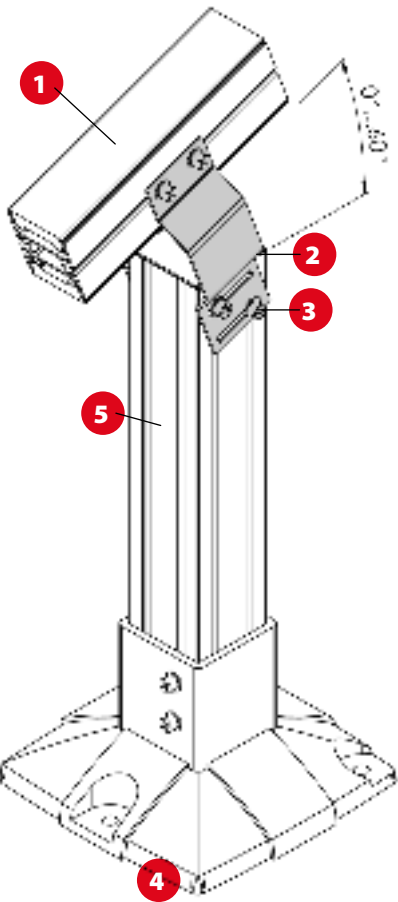
CS LEG JOINTS
FS CS065/FS CS090SL, variable



- FS CS065SL
- FS CS090SL
- FS CS200SL

- Leg joint for mounting the inclined conveyor line on individual legs constructed from 80 x 80 mm system profile.
- Material thickness 3 mm.
- Includes fixing material.

Mounting



Parts list

- 1 Guide profile
- 2 Cover cap, 80 x 80 B
- 3 Leg joints/socket head cap bolt M8x14/ washer M8/steel T-slot block M8
- 4 Floor connection bracket
- 5 Profile, 80 x 80 B

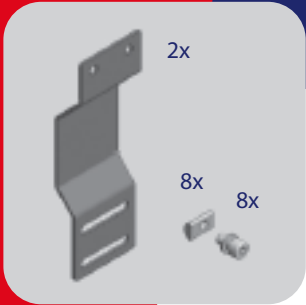
Note

The fastening elements must be matched to the static requirements and structural situation (edge spacings).

		PROD.NO.			
Leg joint, variable	FS CS065SL	J927 776	2	steel	black
	FS CS090SL	J927 767	2		

STRETCH_LINE

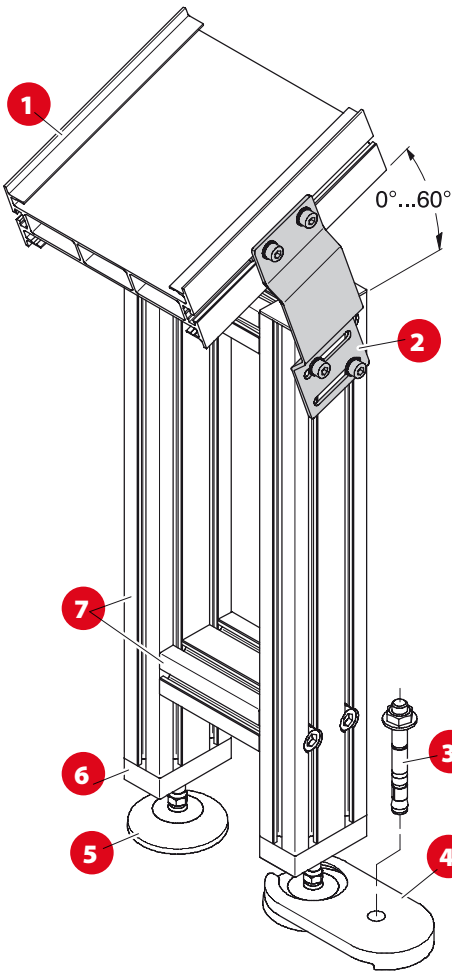
CS LEG JOINTS
FS CS200SL, variable



- Leg joint for mounting the inclined conveyor line on a pair of legs constructed from 40 x 80 mm system profiles.
- Material thickness 3 m.
- Includes fixing material.

- FS CS065SL
- FS CS090SL
- FS CS200SL

Mounting



Parts list

- 1 Guide profile
- 2 Leg joints/socket head cap bolt M8x14/ washer M8/steel T-slot block M8
- 3 Anchor bolt
- 4 Clamping strap
- 5 Adjustment foot
- 6 Fixing plate 40x80 mm/socket head cap bolt M12x30/washer M12
- 7 Profile, 40 x 80 B

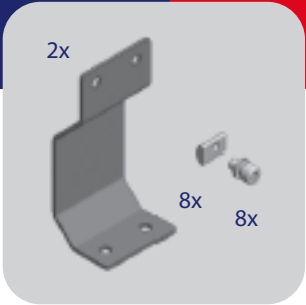


Note

The fastening elements must be matched to the static requirements and structural situation (edge spacings).

	PROD.NO.			
Leg joint, variable	J927 767	2	steel	black

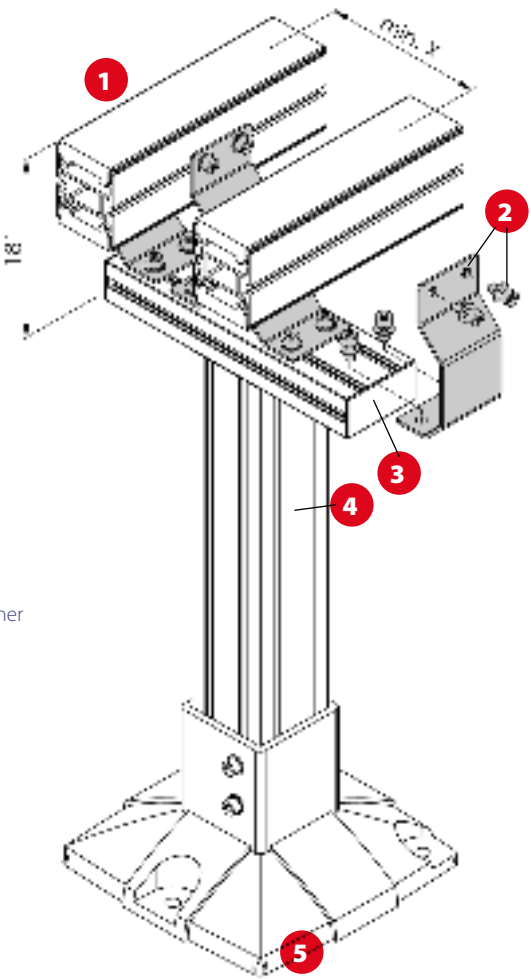
CS LEG JOINTS
Vertical strut



- Leg joint for mounting several parallel conveyor lines common cross strut.
- Material thickness 3 m.
- Includes fixing material.

- FS CS065SL
- FS CS090SL
- FS CS200SL

Mounting



Parts list

- 1 Guide profile
- 2 Leg joints / socket head cap bolt M8x14 / Washer M8 / steel T-slot block M8
- 3 Cover cap, 40 x 80 B
- 4 Profile, 80 x 80 B
- 5 Floor connection bracket

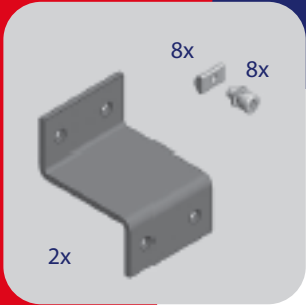


Note

The fastening elements must be matched to the static requirements and structural situation (edge spacings).

	PROD.NO.			
Leg joint, horizontal strut	J927 778	2	steel	black

CS LEG JOINTS
Vertical strut



- Leg joint for configuring a spiral conveyor. Project can be planned by FS Solutions.
- FS CS065/FS CS090SL systems only: the 180° horizontal curve with disk can be used when mounted to a vertical strut made from 80 x 80 system profile.
- Material thickness 3 m.
- Includes fixing material.

- FS CS065SL
- FS CS090SL
- FS CS200SL

		
	B [mm]	X [mm]
FS CS065SL	65	300
FS CS090SL	90	325

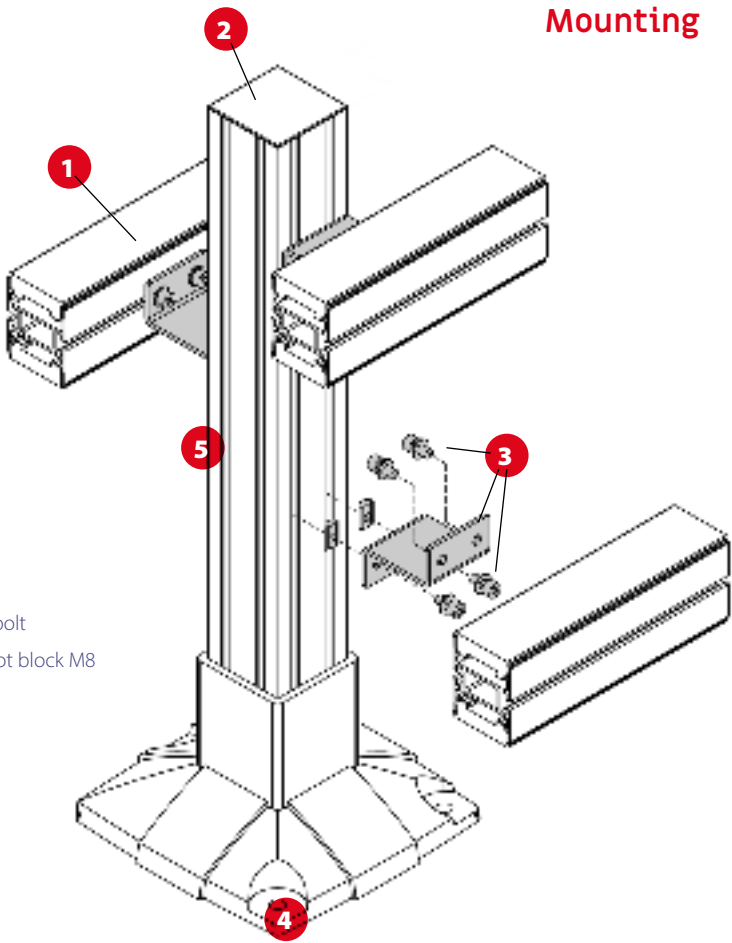


Note

The fastening elements must be matched to the static requirements and structural situation (edge spacings).

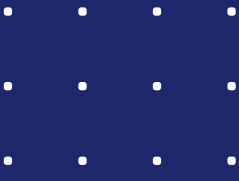
Parts list

- 1 Guide profile
- 2 Cover cap, 80 x 80 B
- 3 Leg joints/socket head cap bolt
M8x14/washer M8/steel T-slot block M8
- 4 Floor connection bracket
- 5 Profile, 80 x 80 B



Mounting

	PROD.NO.			
Leg joint, vertical strut	J927 779	2	steel	black



CS LEG
Hygienic tube legs

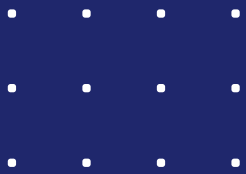


Tube legs

- Legs for mounting on guide profile.
- Different versions:
 - Single tripod or bipod leg
 - Twin bipod leg and tubular connector.
- Leg joint for horizontal and inclined conveyor lines.
- Fixing material included.
- Adjustable foot with threaded rod from stainless steel, foot plate (plastic, black) with knock-out holes for floor mounting.



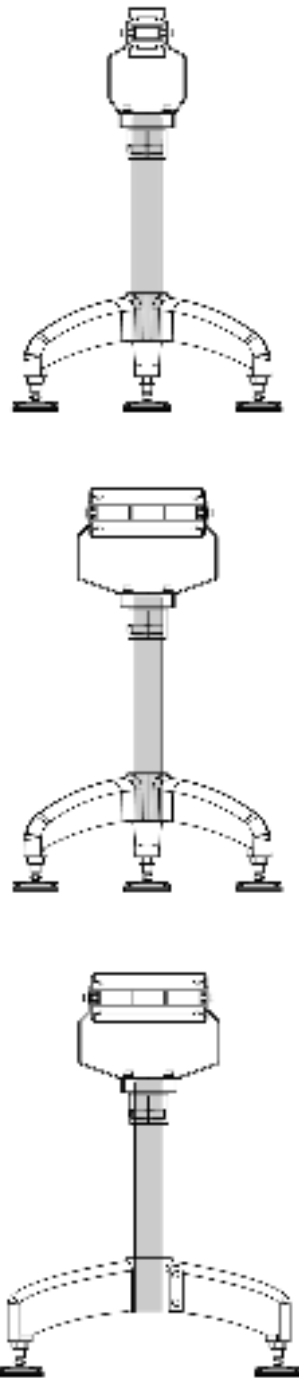
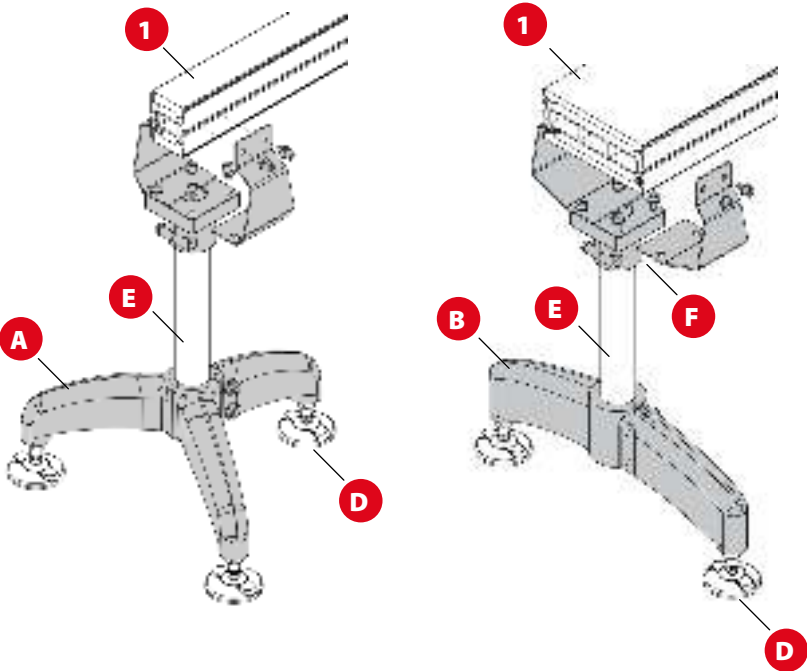
			PROD.NO.				
Tripod	A		J534 471	1	PA-GF	black (similar to RAL 9005)	
Bipod	B		J534 472	1			
Bipod for twin leg (with side connection)	C		J534 473	1			
J534 892 Adjustable foot, 80 mm dia., M16 x 70	D		J534 481	1	plastic		
Round tube 48.3 mm dia. x 1,6 mm	E		482420-483	6,0 m	stainless steel		J924 968
Leg joint, standard inc. assembly kit for round tube	F	FS CS065SL	J927580	1	steel / plastic	black	
		FS CS090SL	J927581				
		FS CS200SL	J927582				



Figures

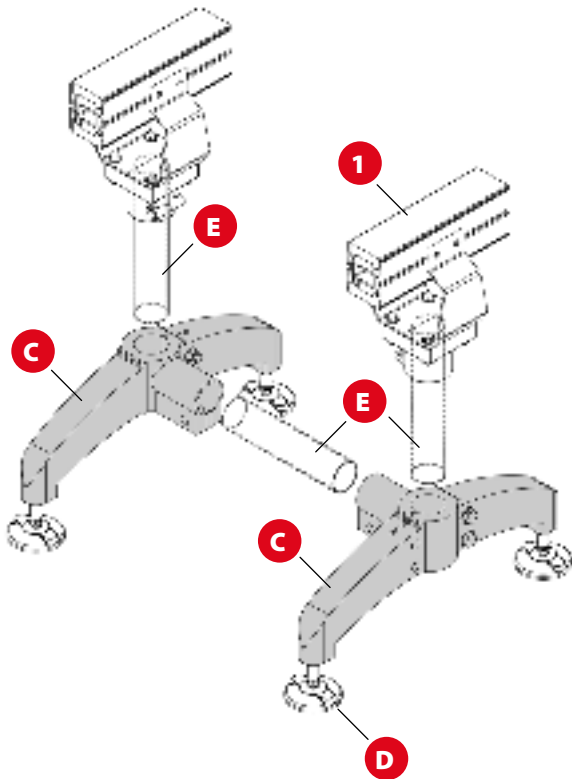
Assembly

Determine cutting length



Parts list

- A Tripod
- B Bipod
- C Bipod for twin leg
- D Adjustable foot
- E Round tube
- F Leg joint, standard
- 1 Guide profile





Other FS Solutions conveyor systems
Including standard components,
application solutions and
aluminium profile systems



Mat-Top Conveyor aluminium or INOX, straight transport

- Chain widths from 160 up to 1200 mm
- Different designs: horizontal-, incline and/or decline Z-shaped
- Small chain pitch



Mat-Top Conveyor aluminium or INOX, straight and curved transport

- Chain widths from 232 up to 631 mm
- 3-dimensional transport
- Low maintenance



STRETCH_LINE Conveyor

- Chain widths from 65 up to 200 mm
- 3-dimensional transport
- Low maintenance



Belt Conveyor aluminium or INOX, straight transport

- Belt widths from 80 up to 1200 mm
- Direct or center drive
- Drum- or drive motor



Chain Conveyor CS VC INOX

- Chain width 82 and 114 mm
- Direct- or center drive
- Suited for high hygiene requirements



Heavy XLBP Mat-Top conveyor aluminium

- Chain widths from 255 up to 765 mm
- Very low friction between chain and product (less damage to products)
- Low tension in the chain ensures a clear energy saving



Mat-Top conveyor aluminium, straight transport Nose bar

- Chain widths from 152 up to 1066 mm
- Small nose transition
- Transition band: easy to deploy between 2 systems
- Chain pitch 8 mm



Standard components

- Pusher, cross-over, divider
- Transitions between conveyors
- Puck handling, shielding etc.



Application solutions

- Buffer tables
- Vertical transport systems, gripper systems
- Sorter systems, flow splitters etc.



Aluminium profile system

- Wide assortment
- Robust and corrosion resistant
- Simple and flexible assembly

Applications from everyday practice

The innovative solutions provided by CS Conveyor systems guarantee a rational flow of materials in production – also where high demands are placed on speed, noise emissions, servicing and maintenance.

Take advantage of our expertise that has grown over many years. We are your innovative developer and reliable supplier of standardised and customised applications.

Automotive industry, FS CS065SL



Food industry, FS CS090SL



Cosmetics industry, FS CS090SL

Applications from everyday practice



Automotive industry, FS CS200SL

Pharma industry, FS CS065SL



Food industry: Filling, FS CS065SL



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