

Longitudinal conveyor

4

Conveyor unit selection	4-2
ST 5/XH, ST 5/H conveyor units (with split rollers)	4-3
End plates for ST 5/XH, ST 5/H	4-6
Protective covers for ST 5/XH, ST 5/H	4-8
ST 5/XH-FR, ST 5/H-FR conveyor units (with full rollers)	4-10
End plates for ST 5/XH-FR, ST 5/H-FR	4-13
Protective covers for ST 5/XH-FR, ST 5/H-FR	4-15
ST 5/OC (Open Center) conveyor units	4-17
End plates for ST 5/OC	4-20
Protective covers for ST 5/OC	4-22
Cover for OC/XH, OC/H transition	4-23
Connection kits	4-25

Conveyor unit selection

Application and functions

Conveyor units are available in 2 load classes and 3 different system widths (455, 650, 845 mm) for longitudinal conveyors, as well as a further width for transverse conveyors (1040 mm). All rollers in the conveyor unit are driven by a king shaft in the respective drive unit. The king shaft is located behind a protective cover below the transport level; the workpiece pallet can pass over the king shaft.

The conveyor units have a symmetrical design and there is no drive side selection.

The rollers are driven by bevel wheels; a friction clutch protects the drive during accumulation operation.

2 roller types:

- ▶ Split rollers as standard for longitudinal conveyors
- ▶ Full rollers (FR) as standard for curves, diverters, and junctions
- ▶ Full rollers for longitudinal conveyors to transport workpieces without workpiece pallets

Note:

The use of conveyor units with full rollers with WTs is limited. Depending on the roller dimensions, it may not be possible to assemble stop gates, sensor supports, and supports for ID systems due to insufficient space.

Required accessories:

- ▶ AS 5/... drive unit, see page 3-2
- ▶ SZ 5/... leg sets, see page 7-2
- ▶ Connection kits, see page 4-25

Conveyor unit load carrying capacity

- ▶ Permissible section load with a leg distance ≤ 2 m:
 - ST 5/XH: 380 kg/m
 - ST 5/H: 200 kg/m

The permissible loads apply only on condition that workpiece pallets with the maximum permitted weight m_{Gzul} have accumulated.

Accumulation operation is not permitted in curves, diverters, junctions, or the positioning unit.

Max. permissible WT weight m_{Gzul} with various WT lengths and roller spacings (pitch p)

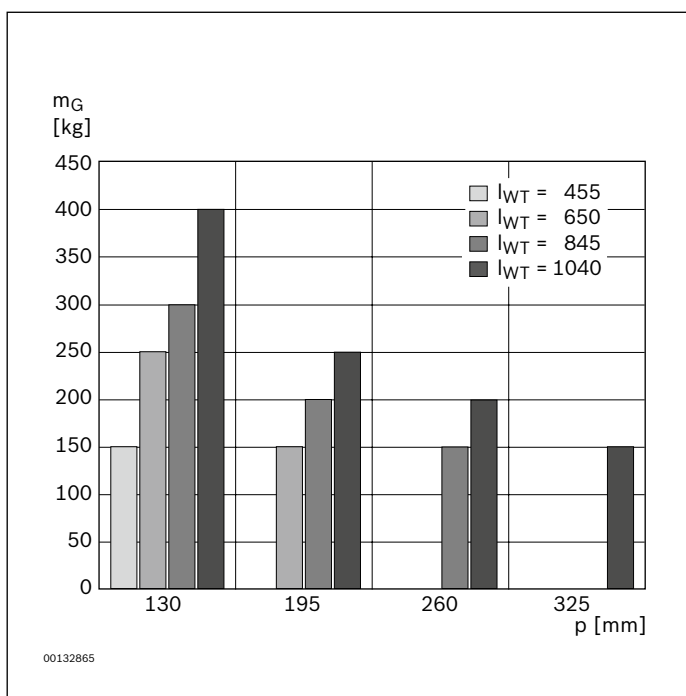
When designing the transfer system, the WT length, WT total weight m_G and roller spacing (pitch p) must be adjusted to each other.

The carrying force per roller is 50 kg. The workpiece pallet must always be on at least 3 rollers. The resulting load limits are shown in the graphic (see page 2-8).

Use of the customer's own workpiece pallets

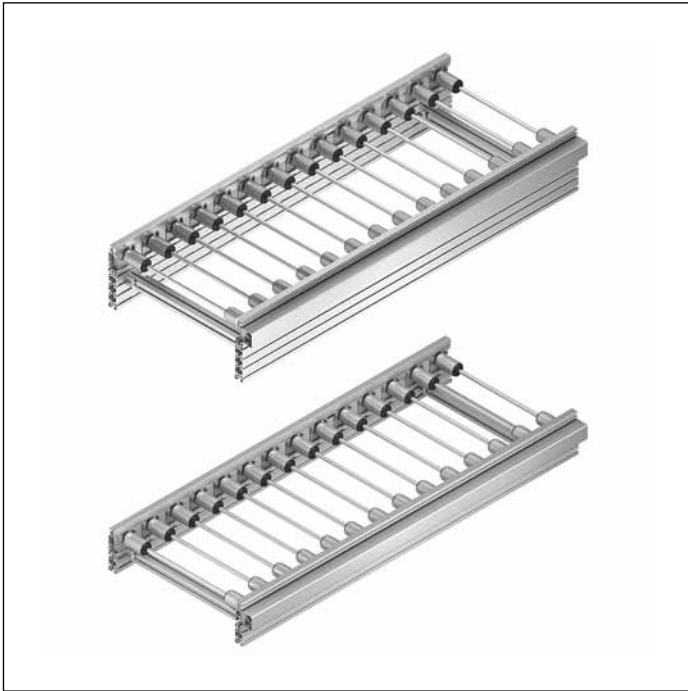
The indicated interdependencies between b_{WT} and l_{WT} must be taken into account when using curves, diverters and lift transverse units.

If a workpiece pallet is only conveyed on a straight section, it can be any length; observe the permissible section load and roller load.



m_G = WT total mass
p = roller spacing

ST 5/XH, ST 5/H conveyor units (with split rollers)



Condition on delivery:

- ▶ Ready-to-install.

Use:

- ▶ The conveyor unit is a ready-for-operation module used to transport workpiece pallets

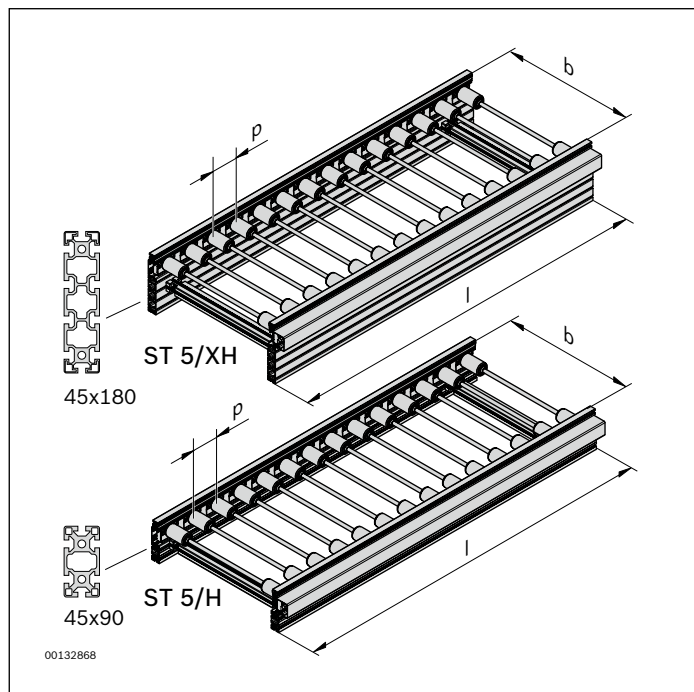
Version:

- ▶ Reversible operation possible
- ▶ Accumulation operation possible
- ▶ Support profile made of anodized aluminum
- ▶ Permissible section load:
 - ST 5/XH: 380 kg/m
 - ST 5/H: 200 kg/m
- ▶ Lateral guide profile made of steel, polymer, or aluminum in an anodized aluminum support
- ▶ Driven via king shaft with bevel wheels made of polymer or sintered metal

Note:

Other roller spacings available on request.

Ordering information



ST 5/XH, ST 5/H conveyor units

b (mm)	l_{WT} (mm)	p (mm)	l (mm)	N	LG	BG	TR	Material number
455	455; 650	130	390 ... 4160	3; 4; 5 ... 32	1; 2; 3	1; 2	1; 2	3 842 998 521 (ST 5/XH)
455	650	195	585 ... 4095	3; 4; 5 ... 21	1; 2; 3	1; 2	1; 2	3 842 998 520 (ST 5/H)
650	650; 845	130	390 ... 4160	3; 4; 5 ... 32	1; 2; 3	1; 2	1; 2	b = ... mm
650	650; 845	195	585 ... 4095	3; 4; 5 ... 21	1; 2; 3	1; 2	1; 2	p = ... mm
650	845	260	780 ... 4160	3; 4; 5 ... 16	1; 2; 3	1; 2	1; 2	l = ... mm
845	845; 1040	130	390 ... 4160	3; 4; 5 ... 32	1; 2; 3	1; 2	1; 2	LG = ...
845	845; 1040	195	585 ... 4095	3; 4; 5 ... 21	1; 2; 3	1; 2	1; 2	BG = ...
845	845; 1040	260	780 ... 4160	3; 4; 5 ... 16	1; 2; 3	1; 2	1; 2	TR = ...
845	1040	325	975 ... 3900	3; 4; 5 ... 12	1; 2; 3	1; 2	1; 2	
1040	845	130	390 ... 4160	3; 4; 5 ... 32	1; 2; 3	1; 2	1; 2	
1040	845	195	585 ... 4095	3; 4; 5 ... 21	1; 2; 3	1; 2	1; 2	
1040	845	260	780 ... 4160	3; 4; 5 ... 16	1; 2; 3	1; 2	1; 2	

b = width (track width in direction of transport)
l_{WT} = workpiece pallet length, note the interdependencies for p and l_{WT}!
p = Roller spacing (pitch)
l = Length graduated according to the roller dimensions (l = p × N)

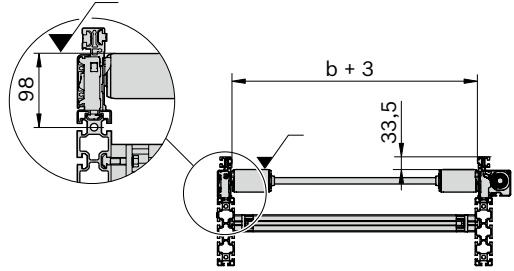
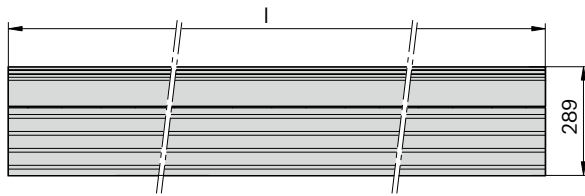
N = number of rollers, multiplier for length (l = p × N), pricing factor in the price list.
LG = Lateral guide material
 1: steel
 2: plastic
 3: aluminum

BG = Bevel wheel material
 1: plastic
 2: sintered metal
TR = Roller material
 1: galvanized steel
 2: steel, nitrocarburized

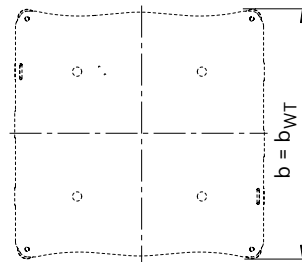
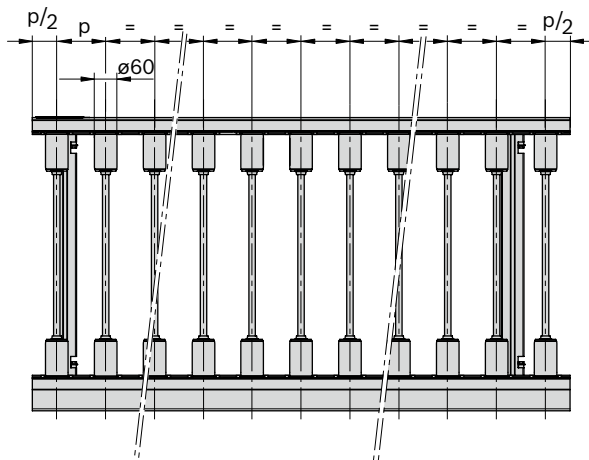
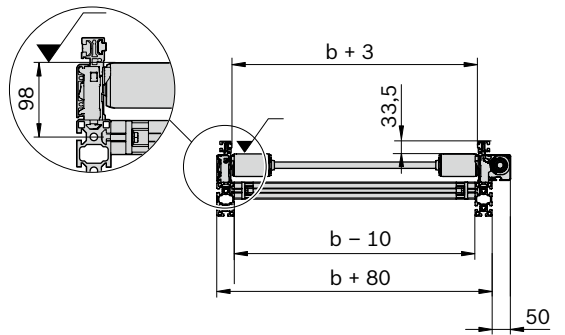
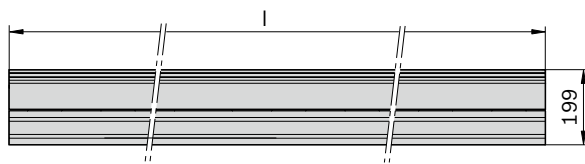
Dimensions

ST 5/XH, ST 5/H conveyor unit

ST 5/XH



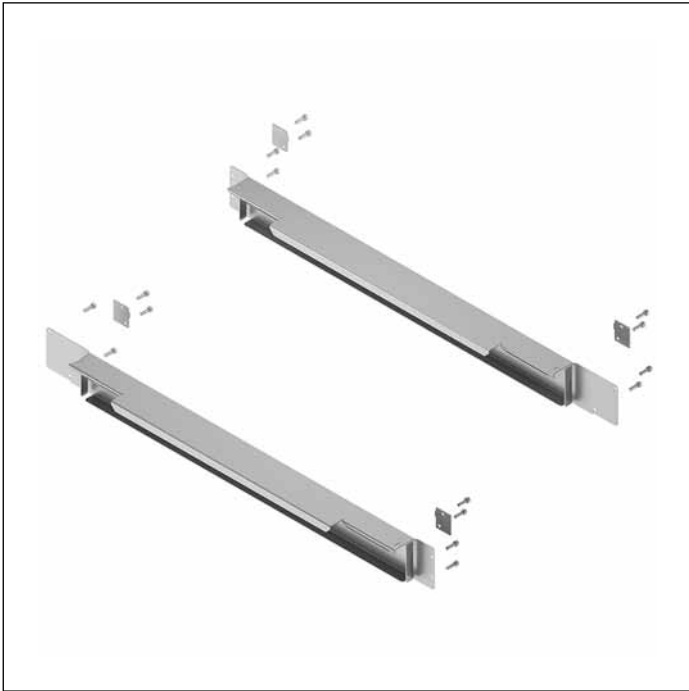
ST 5/H



ST 5/XH: 3 842 998 521
 ST 5/H: 3 842 998 520

00132888

End plates for ST 5/XH, ST 5/H



Use:

The protective covers and end plates are provided in working areas to increase safety. They can be ordered separately for conveyor units; for curves, diverters, and junctions they are optionally included in the scope of delivery (SC = 2).

The protective covers and end plates are clipped between the rollers using spring elements.

Note:

Do not walk on the protective covers or end plates.

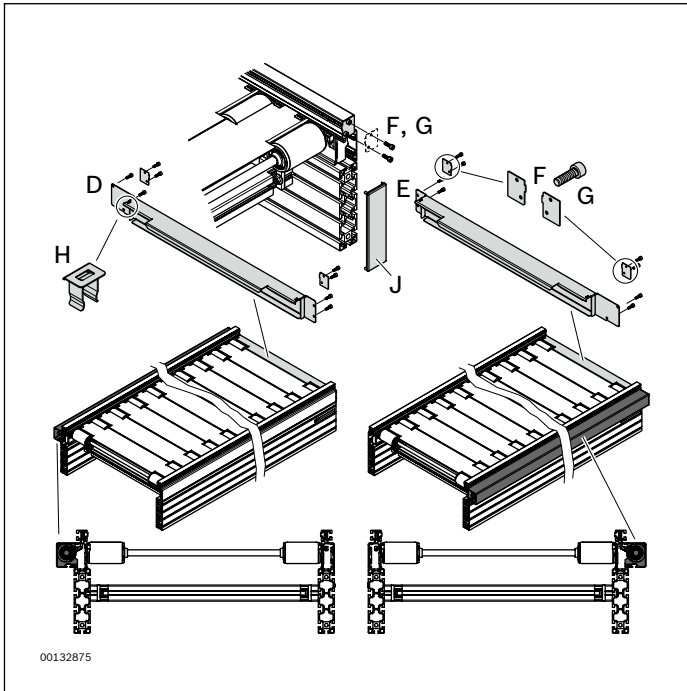
Versions:

- ▶ Protective covers for various widths and roller spacings.
- ▶ Special covers for conveyor section center, transitions, and ends.

Material:

- ▶ galvanized steel

Ordering information



End plates

- ▶ End plate, left drive side (**D**)
- ▶ End plate, right drive side (**E**)

	b¹⁾ (mm)	p²⁾ (mm)	Material number
D	455	130	3 842 545 679
	455	195	3 842 545 680
	650	130	3 842 545 681
	650	195	3 842 545 682
	650	260	3 842 545 683
	845	130	3 842 545 684
	845	195	3 842 545 685
	845	260	3 842 545 686
	845	325	3 842 545 687
	1040	130	3 842 545 476
	1040	195	3 842 545 477
	1040	260	3 842 545 688
E	455	130	3 842 545 689
	455	195	3 842 545 690
	650	130	3 842 545 691
	650	195	3 842 545 692
	650	260	3 842 545 693
	845	130	3 842 545 694
	845	195	3 842 545 695
	845	260	3 842 545 696
	845	325	3 842 545 697
	1040	130	3 842 545 474
	1040	195	3 842 545 475
	1040	260	3 842 545 698

¹⁾ b = Track width in direction of transport

²⁾ p = roller spacing

Lateral guide cover

- ▶ Lateral guide protective cover (**F**), 2 required
- ▶ Screw DIN 7500-EEM5X16-8.8 (**G**), 4 required for each end plate, 2 for each lateral guide cover. The screws must be sourced by the customer.

	Material number
F	3 842 545 276

Spring element

- ▶ Spring element (**H**), 2 required for each end plate

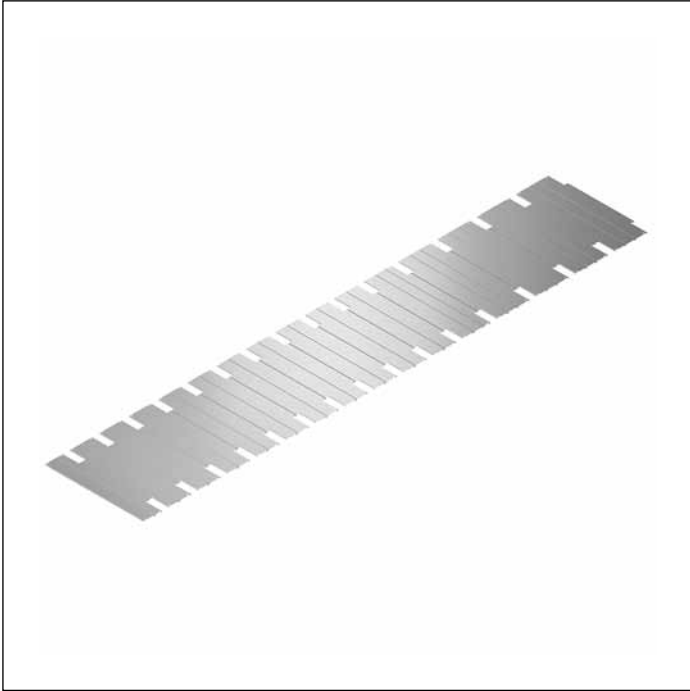
	Material number
H	3 842 545 214

Cover caps

- ▶ Cover cap for the open profile ends (**J**), 2 required for each section end

		Material number
J	ST 5/XH (45x180)	3 842 503 845
	ST 5/H (45x90)	3 842 511 783

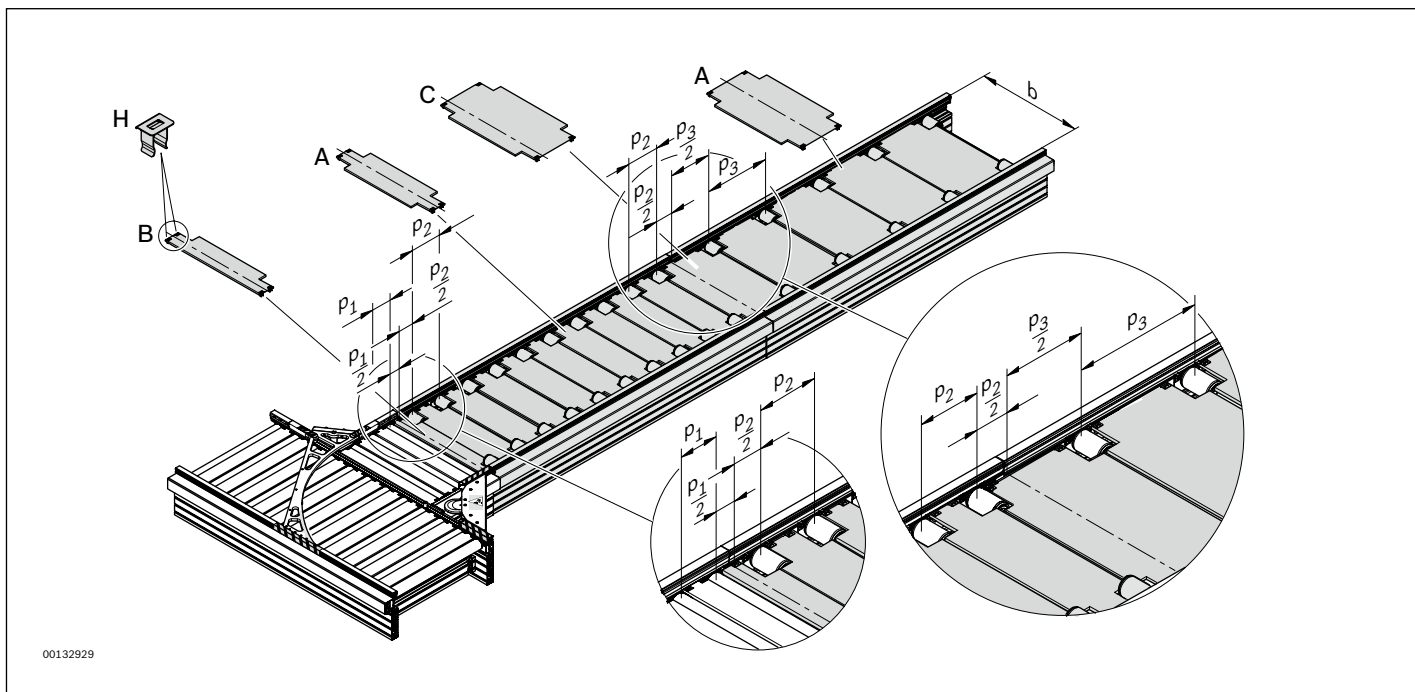
Protective covers for ST 5/XH, ST 5/H



- ▶ Section center protective cover (**A**)
- ▶ Protective covers for transition between curve (diverter, junction) / conveyor unit (**B**)
- ▶ Protective covers for transition between conveyor unit/ conveyor unit with different rollers (**C**)
- ▶ Spring element (**H**), 4 required for each protective cover, see page 4-9

The different dimensions of the protective covers can be found on page 4-9.

Ordering information



Protective covers for center (A) and transitions (B, C)

	b ¹⁾ (mm)	p ²⁾ (mm)	Material number
A	455	130	3 842 545 404
	455	195	3 842 545 609
	650	130	3 842 545 405
	650	195	3 842 545 360
	650	260	3 842 545 612
	845	130	3 842 545 361
	845	195	3 842 545 362
	845	260	3 842 545 363
	845	325	3 842 545 403
	1040	130	3 842 545 638
	1040	195	3 842 545 641
	1040	260	3 842 545 365

	b ¹⁾ (mm)	p2/p3 ²⁾ (mm)	Material number
C	455	130/195	3 842 545 616
	650	130/195	3 842 545 619
	650	195/260	3 842 545 644
	845	130/195	3 842 545 628
	845	195/260	3 842 545 629
	845	260/325	3 842 545 645
	1040	130/195	3 842 545 640
	1040	195/260	3 842 545 364

1) b = Track width in direction of transport
 2) p = roller spacing (pitch); p1/p2 and p2/p3
 = transition between different roller spacing dimensions

	b ¹⁾ (mm)	p1/p2 ²⁾ (mm)	Material number
B	455	130/130	3 842 545 482
	455	130/195	3 842 545 617
	650	130/130	3 842 545 483
	650	130/195	3 842 545 485
	650	130/260	3 842 545 621
	845	130/130	3 842 545 484
	845	130/195	3 842 545 506
	845	130/260	3 842 545 507
	845	130/325	3 842 545 508

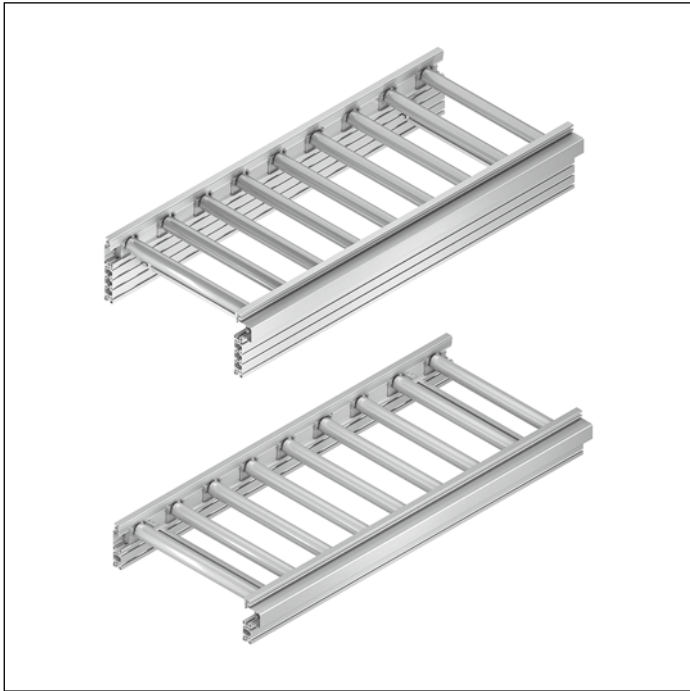
1) b = Track width in direction of transport
 2) p = roller spacing (pitch); p1/p2 and p2/p3
 = transition between different roller spacing dimensions

Spring element

► Spring element (H), 2 required for each end plate

		Material number
H	50	3 842 545 214

ST 5/XH-FR, ST 5/H-FR conveyor units (with full rollers)



Condition on delivery:

- ▶ Ready-to-install.

Use:

- ▶ The conveyor unit is a ready-for-operation module, which is particularly suitable for transporting workpieces without workpiece pallets

Note:

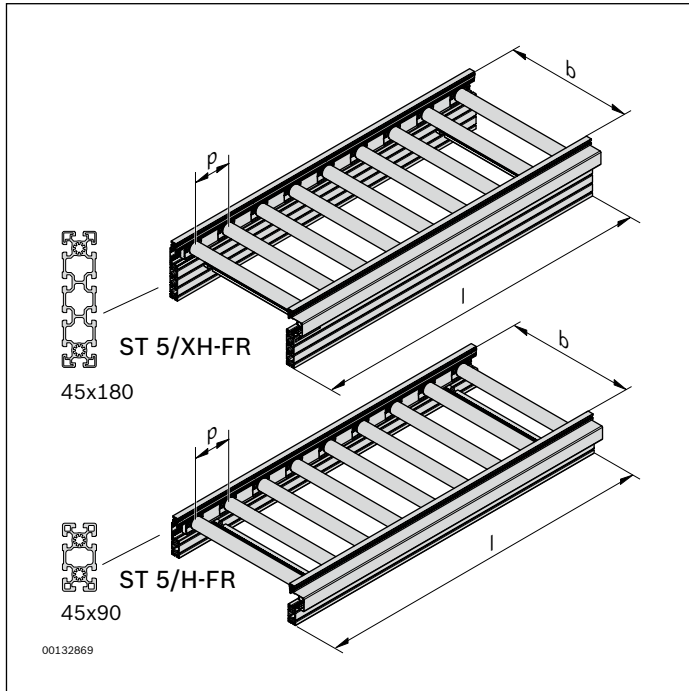
Depending on the roller spacing, the use of ST 5/...-FR conveyor units with workpiece pallets is limited, see page 4-2.

Other roller spacings available on request.

Version:

- ▶ Reversible operation possible
- ▶ Accumulation operation possible
- ▶ Support profile made of anodized aluminum
- ▶ Permissible section load:
 - ST 5/XH-FR: 380 kg/m
 - ST 5/H-FR: 200 kg/m
- ▶ Lateral guide profile made of steel, polymer, or aluminum in an anodized aluminum support
- ▶ Driven via king shaft with bevel wheels made of polymer or sintered metal

Ordering information



ST 5/XH-FR, ST 5/H-FR conveyor units

b (mm)	l _{WT} (mm)	p (mm)	l (mm)	N	LG	BG	TR	Material number
455	455; 650	130	390 ... 4160	3; 4; 5 ... 32	1; 2; 3	1; 2	1; 2	3 842 998 523 (ST 5/XH-FR)
455	650	195	585 ... 4095	3; 4; 5 ... 21	1; 2; 3	1; 2	1; 2	3 842 998 522 (ST 5/H-FR)
650	650; 845	130	390 ... 4160	3; 4; 5 ... 32	1; 2; 3	1; 2	1; 2	b = ... mm
650	650; 845	195	585 ... 4095	3; 4; 5 ... 21	1; 2; 3	1; 2	1; 2	p = ... mm
650	845	260	780 ... 4160	3; 4; 5 ... 16	1; 2; 3	1; 2	1; 2	l = ... mm
845	845; 1040	130	390 ... 4160	3; 4; 5 ... 32	1; 2; 3	1; 2	1; 2	LG = ...
845	845; 1040	195	585 ... 4095	3; 4; 5 ... 21	1; 2; 3	1; 2	1; 2	BG = ...
845	845; 1040	260	780 ... 4160	3; 4; 5 ... 16	1; 2; 3	1; 2	1; 2	TR = ...
845	1040	325	975 ... 3900	3; 4; 5 ... 12	1; 2; 3	1; 2	1; 2	
1040	845	130	390 ... 4160	3; 4; 5 ... 32	1; 2; 3	1; 2	1; 2	
1040	845	195	585 ... 4095	3; 4; 5 ... 21	1; 2; 3	1; 2	1; 2	
1040	845	260	780 ... 4160	3; 4; 5 ... 16	1; 2; 3	1; 2	1; 2	

b = width (track width in direction of transport)

l_{WT} = workpiece pallet length, note the interdependencies for p and l_{WT}!

p = Roller spacing (pitch)

l = Length graduated according to the roller dimensions
 (l = p × N)

N = number of rollers, multiplier for length
 (l = p × N), pricing factor in the price list.

LG = Lateral guide material

- 1: steel
- 2: plastic
- 3: aluminum

BG = Bevel wheel material

- 1: plastic
- 2: sintered metal

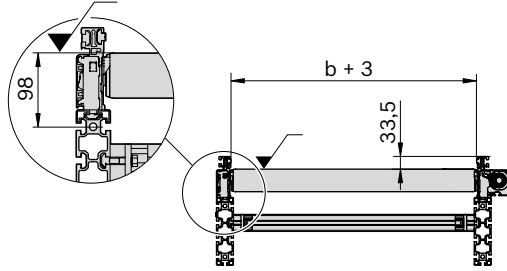
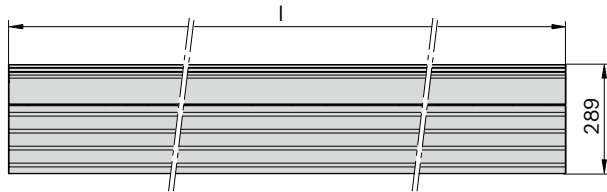
TR = Roller material

- 1: steel, galvanized
- 2: steel, nitrocarburized

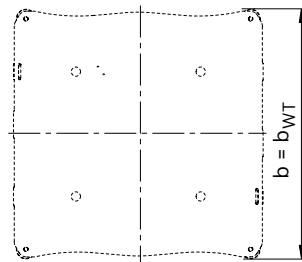
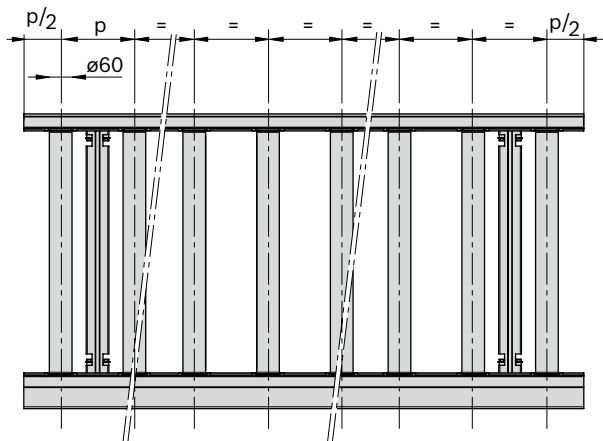
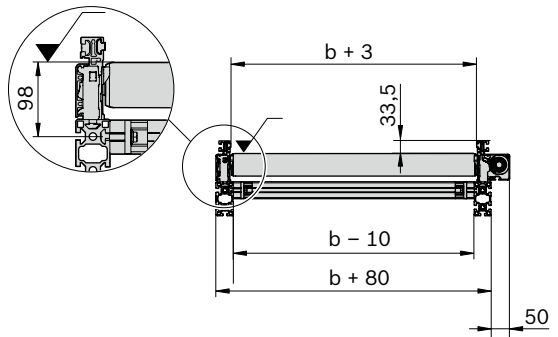
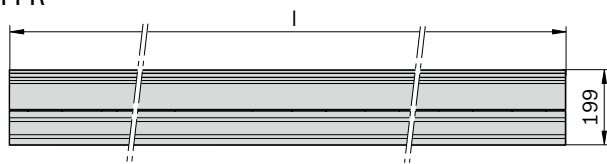
Dimensions

ST 5/XH-FR, ST 5/H-FR conveyor unit

ST 5/XH-FR



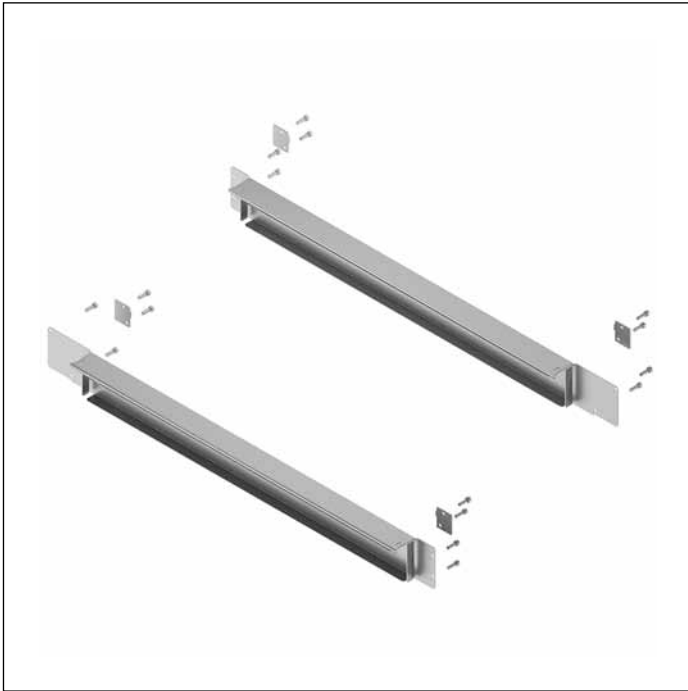
ST 5/ H-FR



ST 5/XH-FR: 3 842 998 523
 ST 5/H-FR: 3 842 998 522

00132889

End plates for ST 5/XH-FR, ST 5/H-FR



Use:

The protective covers and end plates are provided in working areas to increase safety. They can be ordered separately for conveyor units; for curves, diverters, and junctions they are optionally included in the scope of delivery (SC = 2). The protective covers and end plates are clipped between the rollers using spring elements.

Note:

Do not walk on the protective covers or end plates.

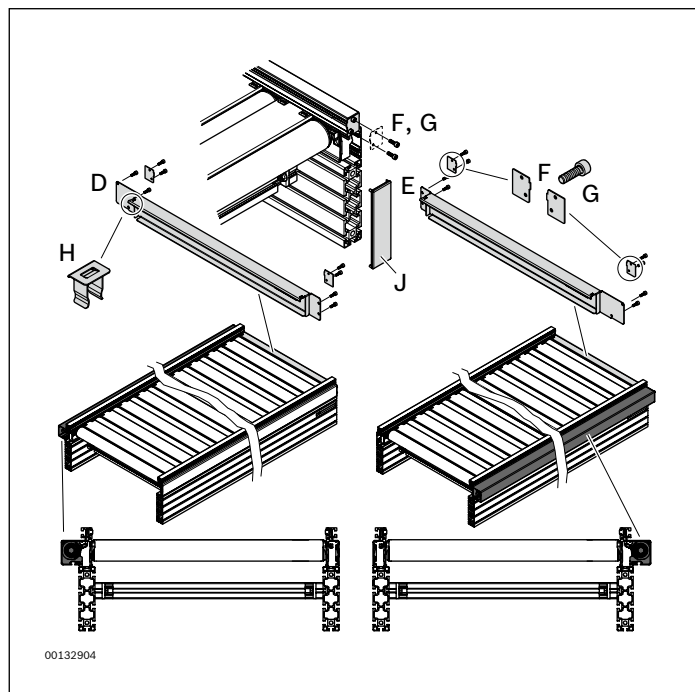
Version:

- ▶ Protective covers for various widths and roller spacings.
- ▶ Special covers for conveyor section center, transitions, and ends.

Material:

- ▶ galvanized steel

Ordering information



End plates

- ▶ End plate, left drive side (**D**)
- ▶ End plate, right drive side (**E**)

	b¹⁾ (mm)	p²⁾ (mm)	Material number
D	455	130	3 842 545 659
	455	195	3 842 545 660
	650	130	3 842 545 661
	650	195	3 842 545 662
	650	260	3 842 545 663
	845	130	3 842 545 664
	845	195	3 842 545 665
	845	260	3 842 545 666
	845	325	3 842 545 667
	1040	130	3 842 545 468
	1040	195	3 842 545 469
	1040	260	3 842 545 668
E	455	130	3 842 545 669
	455	195	3 842 545 670
	650	130	3 842 545 671
	650	195	3 842 545 672
	650	260	3 842 545 673
	845	130	3 842 545 674
	845	195	3 842 545 675
	845	260	3 842 545 676
	845	325	3 842 545 677
	1040	130	3 842 545 466
	1040	195	3 842 545 467
	1040	260	3 842 545 678

¹⁾ b = Track width in direction of transport

²⁾ p = roller spacing

Lateral guide cover

- ▶ Lateral guide protective cover (**F**), 2 required
 - ▶ Screw DIN 7500-EEM5X16-8.8 (**G**), 4 required for each end plate, 2 for each lateral guide cover
- The screws must be sourced by the customer.

	Material number
F	3 842 545 276

Spring element

- ▶ Spring element (**H**), 2 required for each end plate

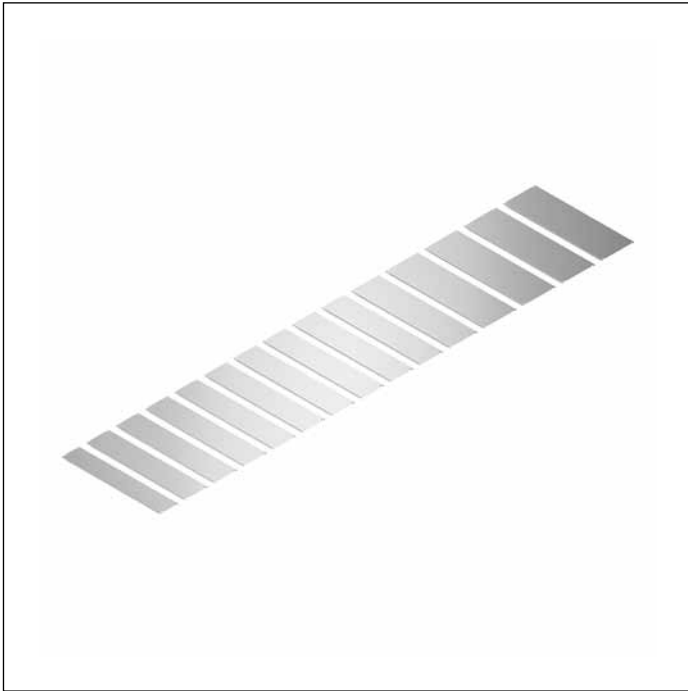
	Material number
H	3 842 545 214

Cover caps

- ▶ Cover cap for the open profile ends (**J**), 2 required for each section end

		Material number
J	ST 5/XH (45x180)	3 842 503 845
	ST 5/H (45x90)	3 842 511 783

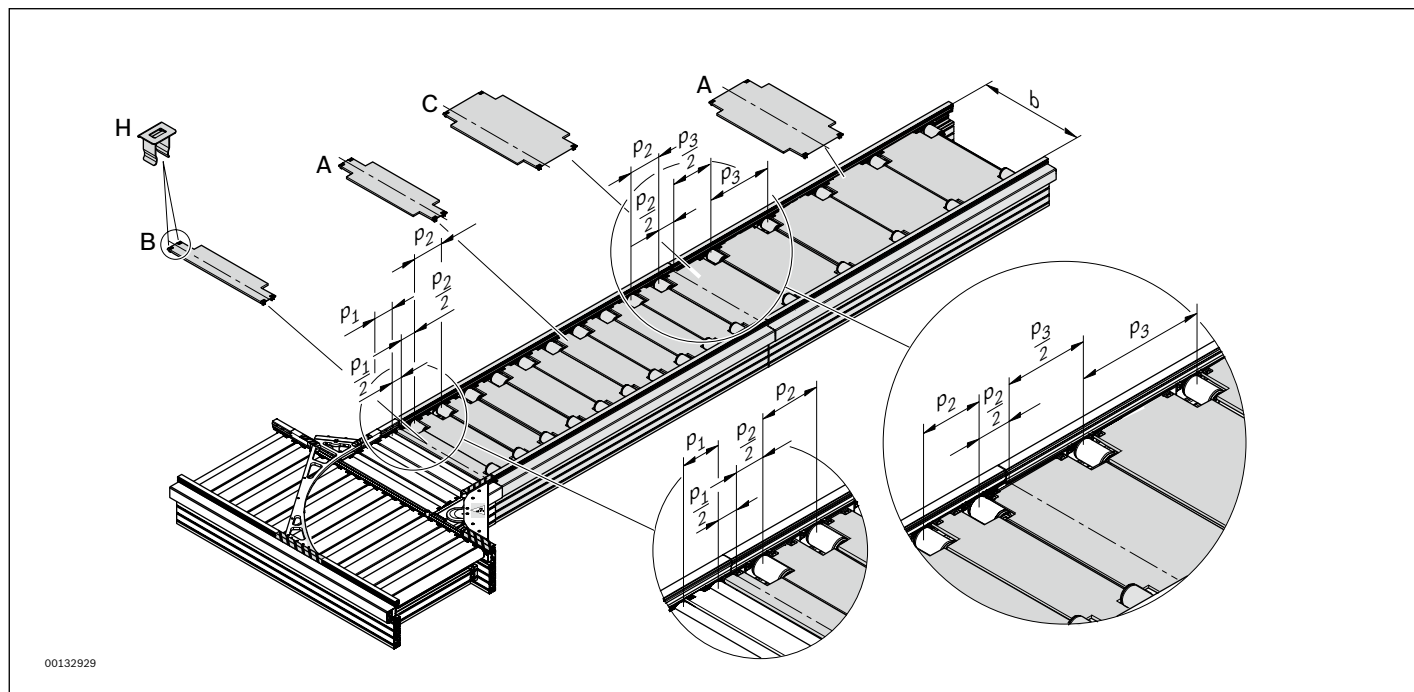
Protective covers for ST 5/XH-FR, ST 5/H-FR



- ▶ Section center protective cover (**A**)
- ▶ Protective covers for transition between curve (diverter, junction) / conveyor unit (**B**)
- ▶ Protective covers for transition between conveyor unit/ conveyor unit with different rollers (**C**)
- ▶ Spring element (**H**), 4 required for each protective cover, see page 4-16

The different dimensions of the protective covers can be found on page 4-16.

Ordering information



Protective covers for center (A) and transitions (B, C)

	b ¹⁾ (mm)	p ²⁾ (mm)	Material number
A	455	130	3 842 545 406
	455	195	3 842 545 610
	650	130	3 842 545 407
	650	195	3 842 545 408
	650	260	3 842 545 613
	845	130	3 842 545 409
	845	195	3 842 545 410
	845	260	3 842 545 411
	845	325	3 842 545 415
	1040	130	3 842 545 412
1040	195	3 842 545 413	
1040	260	3 842 545 414	

	b ¹⁾ (mm)	p ^{2)/p³⁾ (mm)}	Material number
C	455	130/195	3 842 545 614
	650	130/195	3 842 545 620
	650	195/260	3 842 545 642
	845	130/195	3 842 545 626
	845	195/260	3 842 545 630
	845	260/325	3 842 545 643
	1040	130/195	3 842 545 639
	1040	195/260	3 842 545 637

	b ¹⁾ (mm)	p ^{1)/p²⁾ (mm)}	Material number
B	455	130/130	3 842 545 406
	455	130/195	3 842 545 614
	650	130/130	3 842 545 407
	650	130/195	3 842 545 620
	650	130/260	3 842 545 408
	845	130/130	3 842 545 409
	845	130/195	3 842 545 626
	845	130/260	3 842 545 410
	845	130/325	3 842 545 630
	1040	130/130	3 842 545 412
	1040	130/195	3 842 545 639
	1040	130/260	3 842 545 413

- 1) b = Track width in direction of transport
 2) p = roller spacing (pitch); p₁/p₂ and p₂/p₃
 = transition between different roller spacing dimensions

Spring element

- Spring element (H), 2 required for each end plate

		Material number
H	50	3 842 545 214

ST 5/OC (Open Center) conveyor units



Condition on delivery:

- ▶ Ready-to-install.

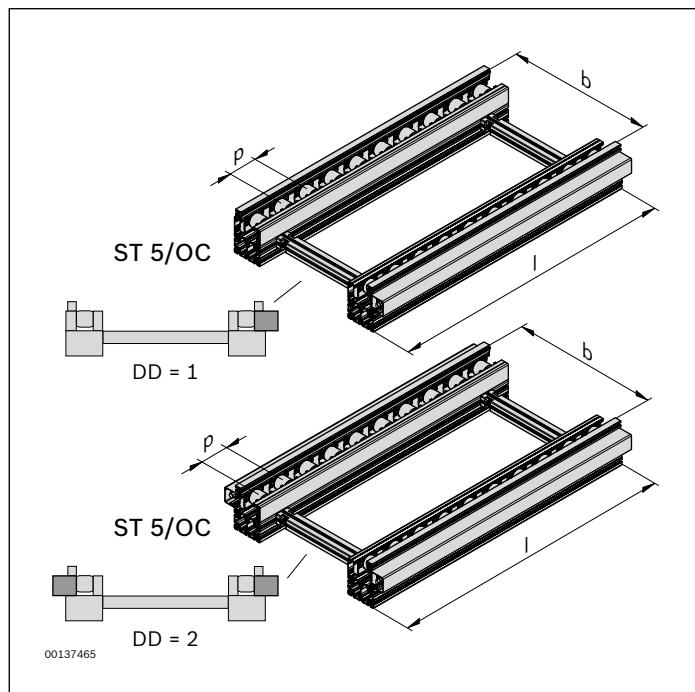
Use:

- ▶ The conveyor unit is a ready-for-operation module used to transport workpiece pallets. The open center allows processes from below

Version:

- ▶ Reversible operation possible
- ▶ Accumulation operation possible
- ▶ Support profile made of anodized aluminum
- ▶ Permissible section load: 380 kg/m
- ▶ Lateral guide profile made of steel, polymer, or aluminum in an anodized aluminum support
- ▶ Driven via king shaft with bevel wheels made of polymer or sintered metal

Ordering information



ST 5/OC (Open Center) conveyor units

b (mm)	l _{WT} (mm)	p (mm)	l (mm)	N	LG	BG	TR	DD	Material number
455	455; 650	130	390 ... 4160	3; 4; 5 ... 32	1; 2; 3	1; 2	1; 2	1; 2	3 842 998 574 (ST 5/OC)
455	650	195	585 ... 4095	3; 4; 5 ... 21	1; 2; 3	1; 2	1; 2	1; 2	b = ... mm
650	650; 845	130	390 ... 4160	3; 4; 5 ... 32	1; 2; 3	1; 2	1; 2	1; 2	p = ... mm
650	650; 845	195	585 ... 4095	3; 4; 5 ... 21	1; 2; 3	1; 2	1; 2	1; 2	l = ... mm
650	845	260	780 ... 4160	3; 4; 5 ... 16	1; 2; 3	1; 2	1; 2	1; 2	LG = ...
845	845; 1040	130	390 ... 4160	3; 4; 5 ... 32	1; 2; 3	1; 2	1; 2	1; 2	BG = ...
845	845; 1040	195	585 ... 4095	3; 4; 5 ... 21	1; 2; 3	1; 2	1; 2	1; 2	TR = ...
845	845; 1040	260	780 ... 4160	3; 4; 5 ... 16	1; 2; 3	1; 2	1; 2	1; 2	DD = ...
845	1040	325	975 ... 3900	3; 4; 5 ... 12	1; 2; 3	1; 2	1; 2	1; 2	
1040	845	130	390 ... 4160	3; 4; 5 ... 32	1; 2; 3	1; 2	1; 2	1; 2	
1040	845	195	585 ... 4095	3; 4; 5 ... 21	1; 2; 3	1; 2	1; 2	1; 2	
1040	845	260	780 ... 4160	3; 4; 5 ... 16	1; 2; 3	1; 2	1; 2	1; 2	

b = width (track width in direction of transport)

l_{WT} = workpiece pallet length, note the interdependencies for p and l_{WT}!

p = Roller spacing (pitch)

l = Length graduated according to the roller dimensions (l = p × N)

N = number of rollers, multiplier for length (l = p × N), pricing factor in the price list.

LG = Lateral guide material
1: steel
2: plastic
3: aluminum

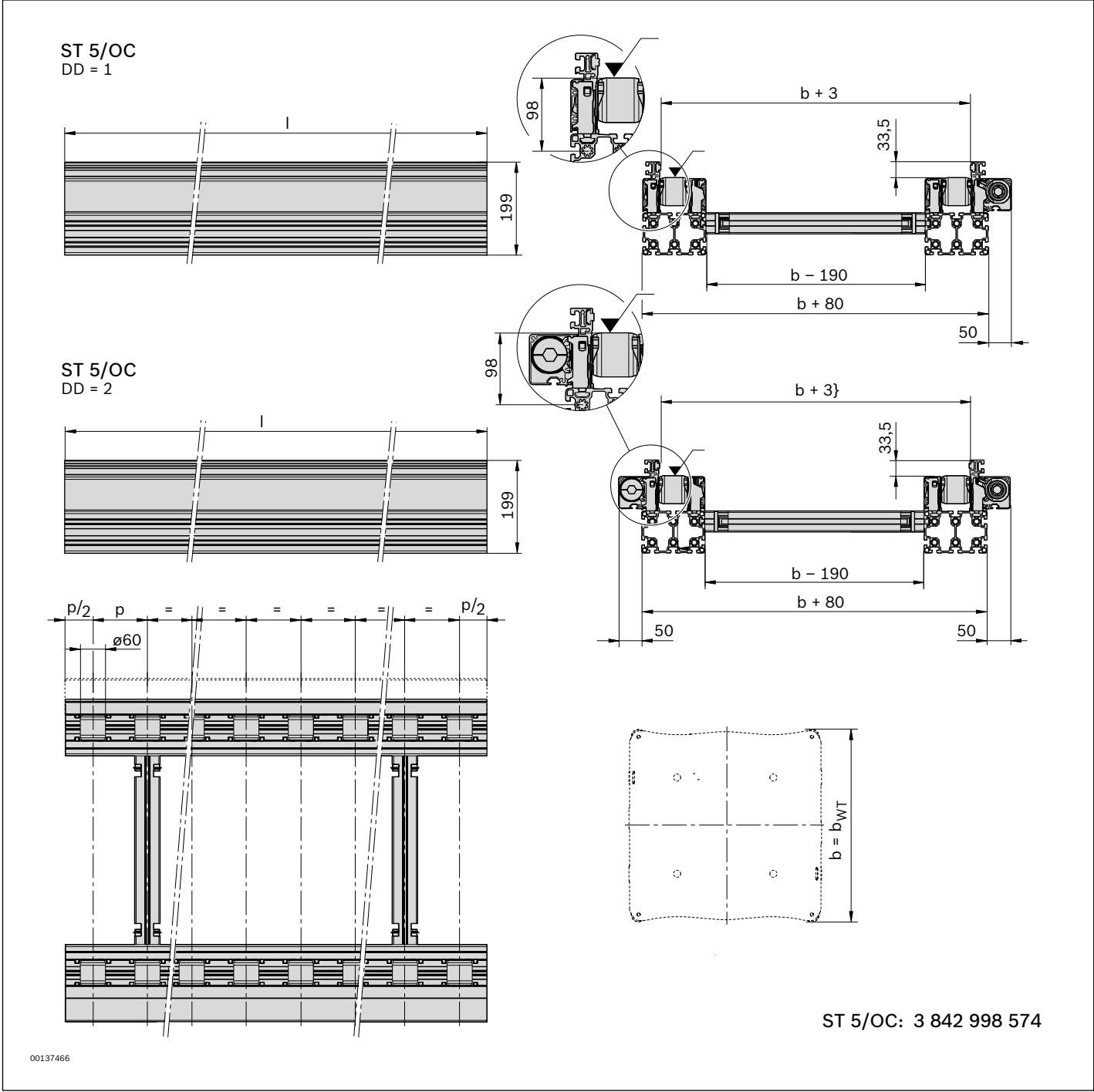
BG = Bevel wheel material
1: plastic
2: sintered metal

TR = Roller material
1: galvanized steel
2: steel, nitrocarburized

DD = drive
1: on one side
2: on two sides

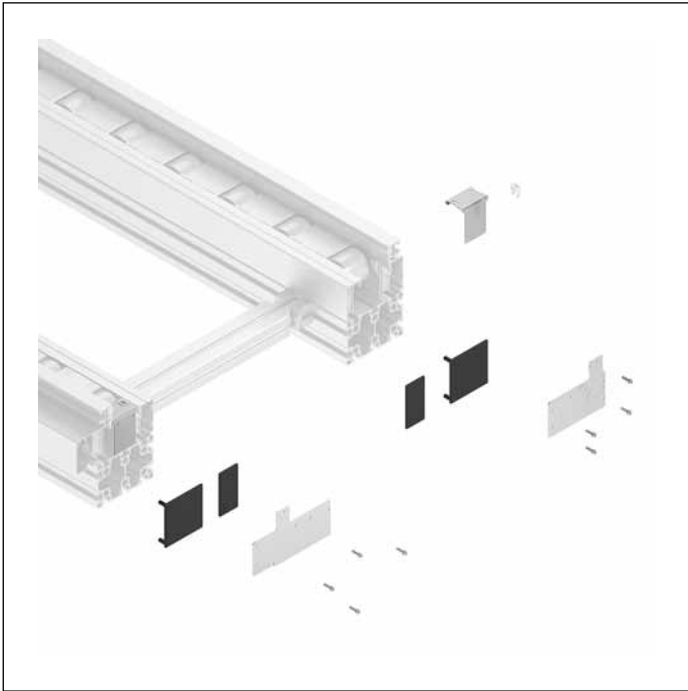
Dimensions

ST 5/OC (Open Center) conveyor unit



00137466

End plates for ST 5/OC



Use:

The protective covers and end plates are provided in working areas to increase safety

Note:

Do not walk on the protective covers or end plates.

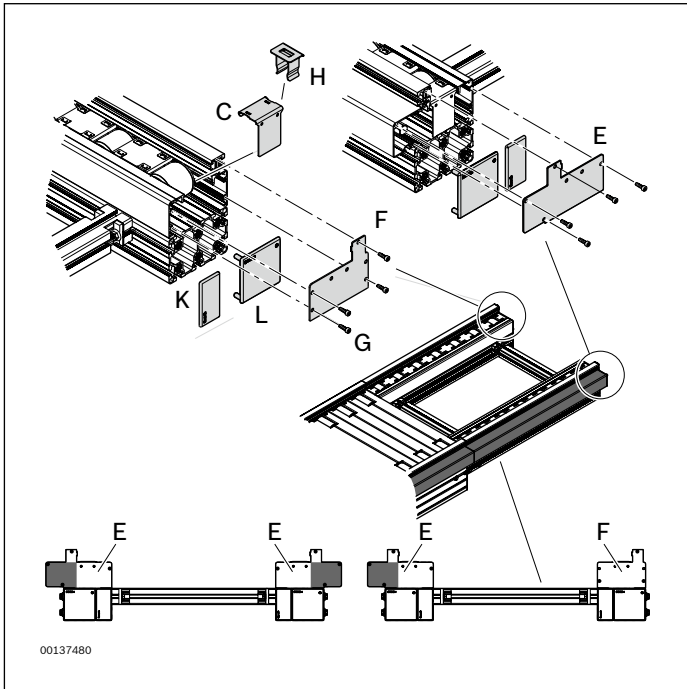
Version:

- ▶ Protective covers for various roller spacings
- ▶ Special covers for conveyor section center, transitions, and ends

Material:

- ▶ galvanized steel

Ordering information



End plates (C)

- ▶ End plate for drive side (E), left/right
- ▶ End plate for passive side (F), left/right
- ▶ Screw DIN 7500-EEM5X16-8.8 (G), 4 required for each end plate. The screws must be sourced by the customer.

	p ¹⁾ (mm)		Material number
C	130	2	3 842 545 573
	195	2	3 842 545 574
	260	2	3 842 545 575
	325	2	3 842 545 576
E			3 842 545 571
F			3 842 545 572

¹⁾ p = roller spacing

Spring element (H)

- ▶ Spring element, 2 required for each end plate

		Material number
H	50	3 842 545 214

End caps (K, L)

- ▶ Cover cap for the open profile ends, 2 required for each section end

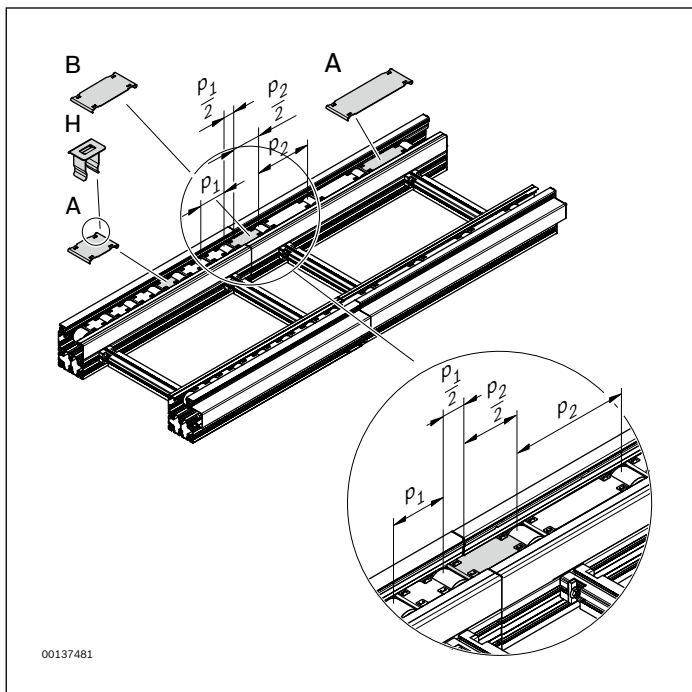
		Material number
K	20	3 842 511 783
L	20	3 842 516 214

Protective covers for ST 5/OC



- ▶ Section center protective cover (**A**)
- ▶ Protective covers for transition between conveyor unit/
conveyor unit with the same or different rollers (**B**)
- ▶ Spring element (**H**), 4 required for each protective cover

Ordering information



Protective covers for center (A) and transitions (B)

	p^1 (mm)	Material number
A	130	3 842 545 541
	195	3 842 545 543
	260	3 842 545 545
	325	3 842 545 547

¹⁾ p = roller spacing (pitch); p_1/p_2 = transition between different roller spacing dimensions

	p_1/p_2^1 (mm)	Material number
B	130/130	3 842 545 541
	130/195	3 842 545 542
	195/195	3 842 545 543
	195/260	3 842 545 544
	260/260	3 842 545 545
	260/325	3 842 545 546
	325/325	3 842 545 547

¹⁾ p = roller spacing (pitch); p_1/p_2 = transition between different roller spacing dimensions

Spring element

		Material number
H	50	3 842 545 214

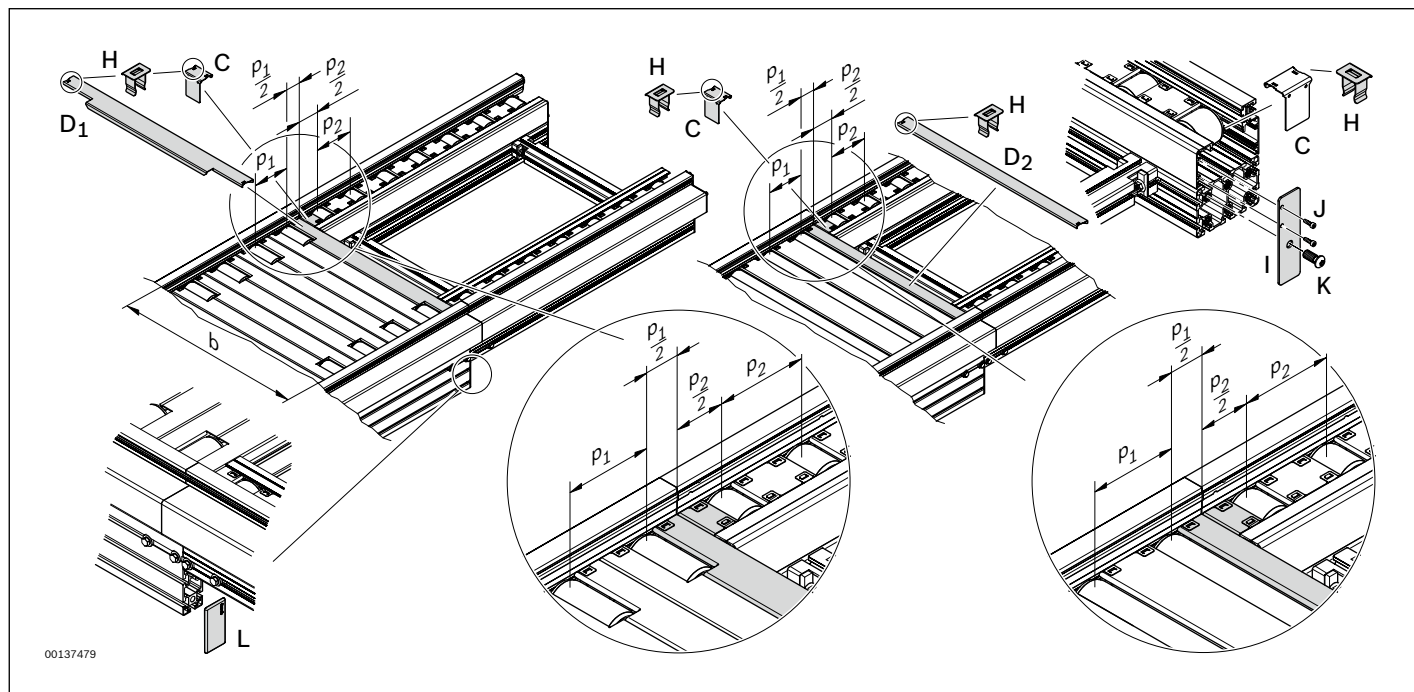
Cover for OC/XH, OC/H transition



- ▶ Protective cover (**C**)
- ▶ Cover for split rollers (**D1**)
- ▶ Cover for full rollers (**D2**)
- ▶ Spring element (**H**)
- ▶ End plate for open profile ends (**I**)
- ▶ Screw DIN7500-EEM5X16-8.8 (**J**), 2 required for each lateral guide cover
- ▶ Screw (**K**), 1 required for each end plate
- ▶ Cover cap for the open profile ends (**L**)

The different dimensions of the protective covers can be found on page 4-24.

Ordering information



Cover

	b ¹⁾ (mm)	p ²⁾ (mm)	Material number
D1	455	130	3 842 545 150
	455	195	3 842 545 151
	650	130	3 842 545 152
	650	195	3 842 545 153
	650	260	3 842 545 739
	845	130	3 842 545 154
	845	195	3 842 545 155
	845	260	3 842 545 740
	845	325	3 842 545 741
	1040	130	3 842 545 156
	1040	195	3 842 545 157
	1040	260	3 842 545 742
1040	325	3 842 545 745	

¹⁾ b = Track width in direction of transport

²⁾ p = roller spacing (pitch); p₁/p₂ = transition between different roller spacing dimensions

Cover

		p ²⁾ (mm)	Material number
C	2	130	3 842 545 573
		195	3 842 545 574
		260	3 842 545 575
		325	3 842 545 576
I	1		3 842 549 670

¹⁾ b = Track width in direction of transport

²⁾ p = roller spacing (pitch); p₁/p₂ = transition between different roller spacing dimensions

	b ¹⁾ (mm)	p ²⁾ (mm)	Material number
D2	455	130	3 842 545 158
	455	195	3 842 545 248
	650	130	3 842 545 321
	650	195	3 842 545 548
	650	260	3 842 545 577
	845	130	3 842 545 549
	845	195	3 842 545 550
	845	260	3 842 545 578
	845	325	3 842 545 579
	1040	130	3 842 545 551
	1040	195	3 842 545 599
	1040	260	3 842 545 600
1040	325	3 842 545 737	

¹⁾ b = Track width in direction of transport

²⁾ p = roller spacing (pitch); p₁/p₂ = transition between different roller spacing dimensions

Spring element

		Material number
H	50	3 842 545 214

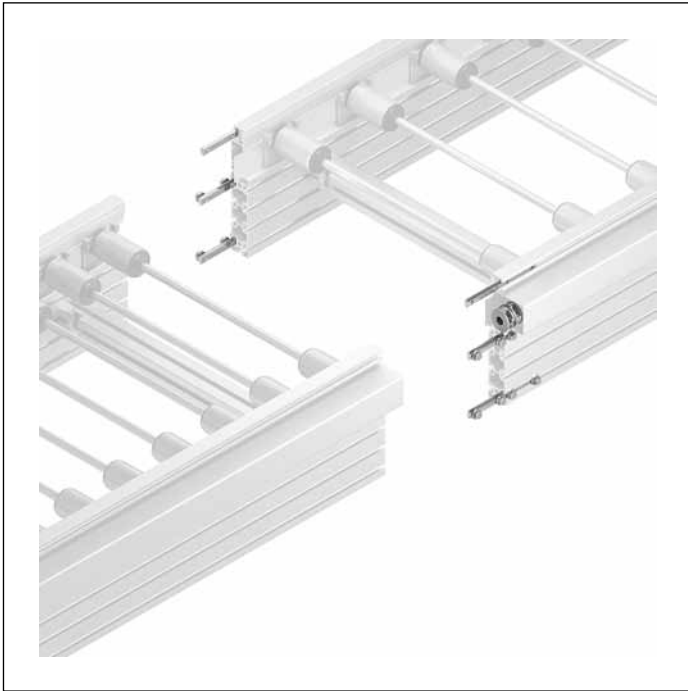
Screw

		Material number
K	100	3 842 530 236

End cap

		Material number
L	20	3 842 511 855

Connection kits

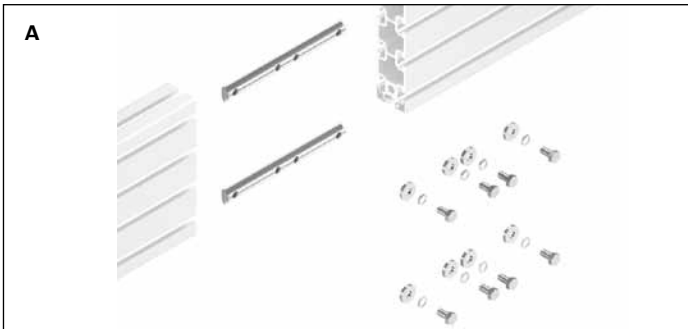


Use:

To connect two TS 5 modules, you will need:

- ▶ 4 profile connectors for section profiles (**A**)
- ▶ 2 profile connectors for lateral guide (**B**)
- ▶ 2 intermediate plates (**C**)
- ▶ 1 coupling (**D**)

The coupling is used to connect the king shafts. A cross plate in the coupling compensates for alignment errors and concentricity tolerances.



Profile connectors for conveyor section profiles/lateral guides

- ▶ The profile ends are connected to each other using profile connectors.

Material:

- ▶ Galvanized steel

Scope of delivery:


- ▶ Profile connector, screws

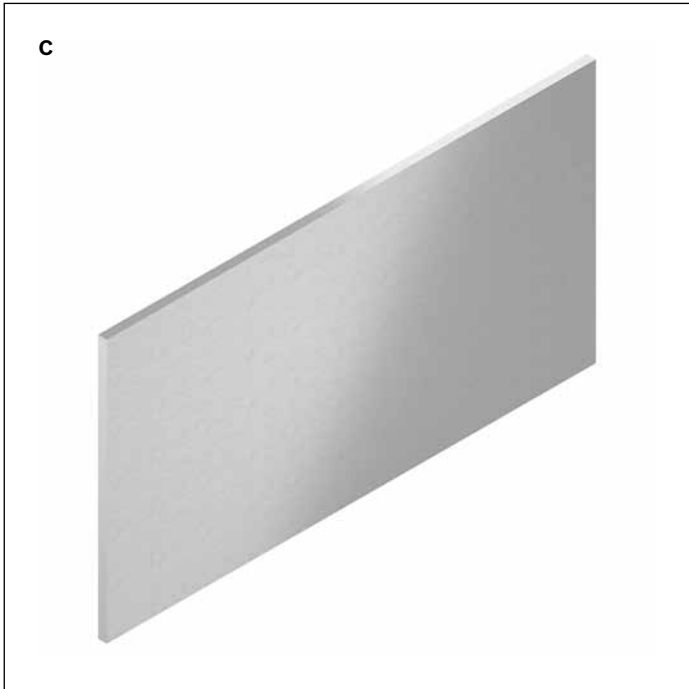


Profile connector for section profile

	Material number
A	3 842 528 746

Profile connectors for lateral guides

		Material number
B	10	3 842 545 699




Intermediate plates for module transitions

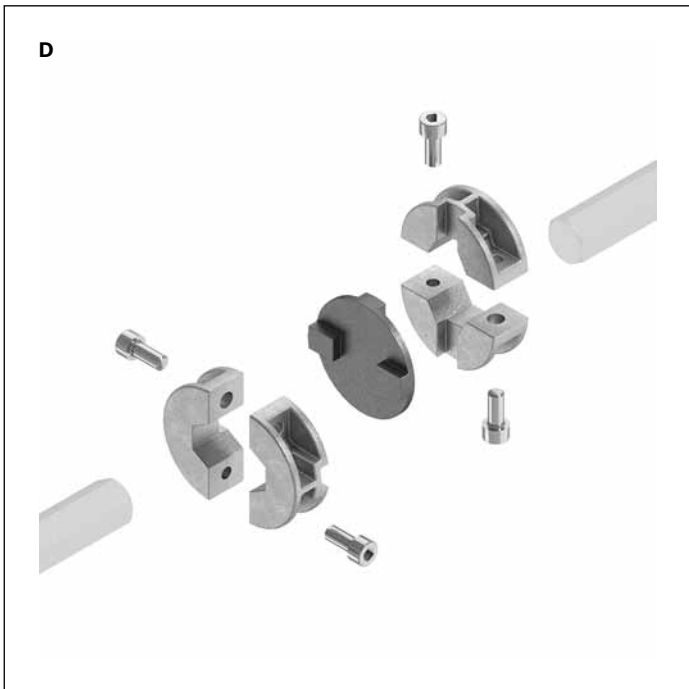
- ▶ The modules (conveyor sections, drives, curves, diverters) are separated using intermediate plates with the respective roller dimension p.

Material:

- ▶ galvanized steel

		p1/p2 ¹⁾ (mm)	Material number
C	10	130/130	3 842 545 215
	10	130/195	3 842 545 354
	10	130/260	3 842 545 216
	10	130/325	3 842 545 355
	10	195/195	3 842 545 216
	10	195/260	3 842 545 355
	10	260/260	3 842 545 217
	10	260/325	3 842 545 648
	10	325/325	3 842 545 218

¹⁾ Roller spacing of the respective modules



Coupling

- ▶ For connecting the king shaft. Compensates for alignment errors and concentricity tolerances.


Material:

- ▶ galvanized steel
- ▶ brass

Scope of delivery:

- ▶ Couplings, screws

Coupling

		Material number
D	10	3 842 545 160