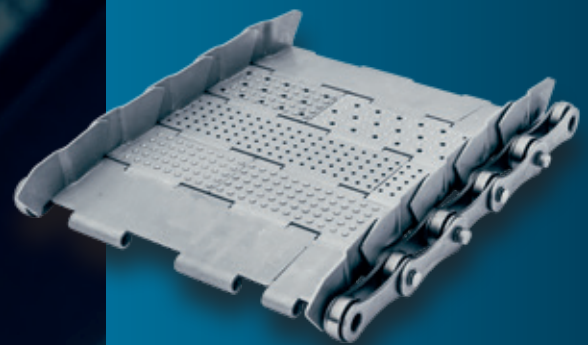
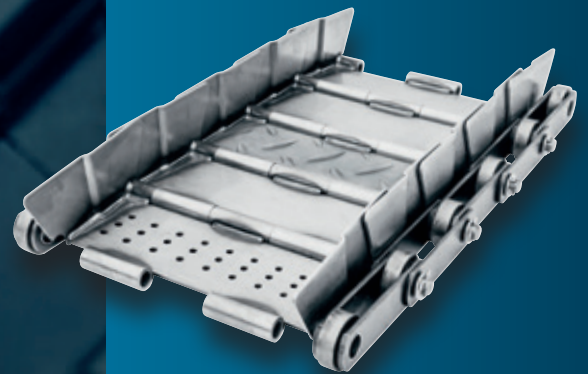
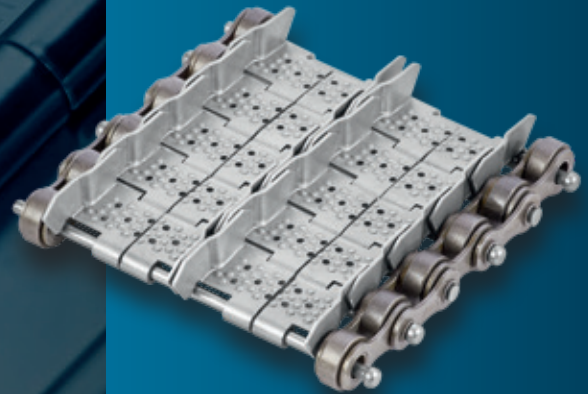
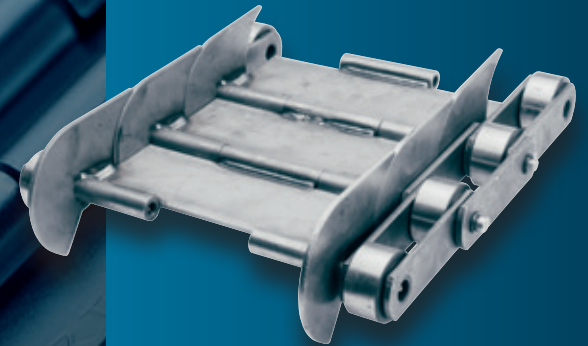


CONVEYOR BELTS

FOR THE MOST VARIED
INDUSTRIAL APPLICATIONS



PITCH 25.4 | 38.1 | 63 | 100 | 152.4



- 4 Versions – an overview of the technical specifications
- 6 Pioneering spirit and love of innovation
- 7 Allert hinged steel belts – the modular system for tailor-made transport solutions
- 8 Application examples
- 9 Quality “Made in Germany”

Pitch 25.4

- 12 At a glance
- 13 Dimensions with side wings and drive chains with inner width 8 mm
- 14 Design versions
- 15 Drive chains and sprockets

Pitch 38.1

- 16 At a glance
- 17 Dimensions with side wings and drive chains with inner width 8 mm
- 18 Design versions
- 19 Drive chains and sprockets
- 20 Stainless steel version
- 21 Stainless steel version with side wings/also available with steel chains
- 22 Dimensions of the stainless steel version with side wings and drive chains with inner width 8 mm
- 23 Drive chains and sprockets

Pitch 63

- 24 At a glance
- 25 Dimensions with side wings and drive chains with inner width 10 mm
- 26 Dimensions with side wings and drive chains with inner width 15 mm
- 27 Dimensions with side wings and drive chains with inner width 20 mm
- 28 Dimensions with side wings and drive chains with inner width 22 mm
- 29 Dimensions with side wings and drive chains with inner width 25 mm
- 30 Design versions
- 32 Drive chains
- 34 Sprockets
- 35 Stainless steel version/also available with steel chains

Pitch 63 – heavy-duty

- 37 At a glance
- 38 Dimensions with side wings and drive chains with inner width 10 mm
- 39 Dimensions with side wings and drive chains with inner width 20 mm
- 40 Design versions

Pitch 100

- 41 At a glance
- 42 Dimensions with side wings and drive chains with inner width 30 mm
- 43 Drive chains and sprockets

Pitch 152.4

- 44 At a glance
- 45 Dimensions with side wings and drive chains with inner width 26 mm
- 46 Drive chains and sprockets

- 47 Allert Product Lines

NEW: Download design data for our conveyor belts (.stp, .pdf) easily in our download portal. **Discover more now at allert.com/downloads**
You will also find technical guidelines for conveyor belt installation and maintenance there.

PITCH 25.4 | 38.1 | 63 | 100 | 152.4

Versions · An overview of the technical specifications

Pitch	25.4	38.1	38.1	63	63	63	63	100	100	152.4	152.4
The dimension in mm between the centres of two hollow pins.						Reinforced	Reinforced				
Version	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Material	Steel	Steel	Stainless steel	Steel	Stainless steel	Steel	Stainless steel	Steel	Stainless steel	Steel	Stainless steel
General data											
Nominal width [mm]	100-3000	100-3000	100-3000	200-3000	200-3000	200-2000	200-2000	200-2000	200-2000	200-2000	200-2000
Nominal width stages [mm]	50	50	50	50	50	10	10	10	10	10	10
Hinge material thickness [mm] (optional)	1.5	1.5	1.5	2.5	2.5	5 (4/6/8/10)	5 (4/6/8/10)	5 (4/6/8/10)	5 (4/6/8/10)	5 (4/6/8/10)	5 (4/6/8/10)
Axle diameter [mm]	5	5	5	8	8	8	8	10.8	10.8	20	20
Maximum gap width [mm]	0.7	0.7	0.7	0.7	0.7	1.5	1.5	1.5	1.5	1.5	1.5
Side wing height [mm]	14	14	14	33	33	39.8	39.8	59	59	100	100
Available without side wings	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Min. deflection radius upwards with side wing [mm]	150	200	100	250	250	150	150	300	300	650	650
Maximum conveying speed [m/min]	30	30	30	30	30	30	30	30	30	30	30
Maximum operating temperature [°C]	300	300	300	300	300	300	300	300	300	300	300
Chains											
Available chains without flange (inner width) [mm] (optional)	8	8	8	10/20 (15/22/25)	10	10/20	10	30	Available on request	26	Available on request
Optionally available chains with flange (inner width) [mm]	No	No	No	No	No	No	No	30 R55/72	No	40 R80/105	No
Version without guide chains (axles peened)	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No
Available surfaces											
Flat	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dimpled	Yes	Yes	Yes	Yes	Yes	Diamond plate DIN 59220	Diamond plate DIN 59220	Diamond plate DIN 59220	Diamond plate DIN 59220	Diamond plate DIN 59220	Diamond plate DIN 59220
Perforated	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dimpled/perforated	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No
Slotted hinges	Yes	Yes	Yes	No	No	No	No	No	No	No	No
Carrier											
Standard carrier type	Profile/flat/ angle steel	Profile/flat/ angle steel	Profile/flat/ angle steel	Profile/flat/ angle steel	Profile/flat/ angle steel	Profile/flat/ angle steel	Profile/flat/ angle steel	Flat/angle steel	Flat/angle steel	Flat/angle steel	Flat/angle steel
Fastening type welded to 1500	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Other carrier types	Available on request	Available on request	Available on request	Available on request	Available on request	Available on request	Available on request	Available on request	Available on request	Available on request	Available on request
Standard carrier welded with SW?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Standard assembly											
Axle with head, other side riveted, alternating	Up to NW 650	Up to NW 1200	Up to NW 650	Up to NW 3000	Up to NW 3000	No	No	No	No	No	No
Axle peened on both sides	From NW 700	From NW1250	From NW700	No	No	No	No	No	No	No	No
Axle with head, other side with washer and splint, alternating	No	No	No	No	No	Up to NW 1500	Up to NW 1500	Up to NW 1500	Up to NW 1500	No	No
Axle with washer and splint on both sides	No	No	No	No	No	From NW 1550	From NW 1550	From NW 1550	From NW 1550	Up to NW 2000	Up to NW 2000
Axle welded with washer	No	No	No	No	No	Available on request	Available on request	Available on request	Available on request	Available on request	Available on request
Options											
With nuts for screw fitting carriers	Press nuts M6	Press nuts M6	No	Press nut M8	Press nut M8	No	No	No	No	No	No
Hinge surface coating/heat treatment*	Yes	Yes	No	Yes	No	Available on request*	Available on request*	Available on request*	Available on request*	Available on request*	Available on request*
Multi-track versions possible	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Tolerances that are not indicated conform to DIN and ISO standards. Exact values available on request

*zink plated, black oxide finished, metallic blank pickling and passivation, nitrocarburized

PIONEERING SPIRIT AND LOVE OF INNOVATION

Committed to your project

Demanding jobs? Just what we like.

The Allert family-owned enterprise was founded by Kurt Allert in south-west Baden-Württemberg in 1959, and in the following decades has established itself as a quality brand. Since 1997 we have been part of the Oetiker Group, which is active throughout the world. We find that this connection works well. And connections is something we know. Our general claim: to develop for every customer requirement an appropriate product which is dependable and reliable.

Traditionally innovative

Tricky requirements in the fields of transport or fastening? We love challenges. Our developers “tinker around” and create new concepts which our designers then work out in detail. Continuous improvement drives us, numerous patents

bear witness to our love of innovation — entirely in the spirit of Kurt Allert, our founder. Tradition carries obligations, after all.

Certified quality

When it comes to quality, we don't compromise. We offer comprehensive consultancy and work with you at the design phase before series productions. Allert stands for “Made in Germany” in every way. We produce in Oberndorf am Neckar, using the most modern machine tools, and we are certified to ISO 9001 and ISO/TS 16949.



Hot, cold, wet
Allert products prove themselves under the most extreme conditions.



Food, sludge, chips, bulk goods, packages.
We deliver transport solutions for very special requirements.



Allert factory at Oberndorf am Neckar

ALLERT HINGED STEEL BELTS

The modular system for tailor-made transport solutions

For demanding and diverse transport tasks in industrial processes.

Extremely hard-wearing, wear-resistant and precision made and assembled in Germany — that's Allert hinged steel belts.

Their compact and flexible construction makes them suitable for a wide variety of commercial and industrial transport tasks such as feeding materials into the plant, for ongoing production processes, the transport of parts between different equipment and sub-processes and for the discharge of finished products from plant or disposal of waste materials.

With flexible nominal widths in 50 mm steps and a large number of variants, Allert hinged steel belts can be designed to suit virtually any application. Temperature-resistant up to 300° C and always in consistently higher quality than TS 16949. Thanks to the very narrow gap between plates, damage to the belt due to jammed or dragging components is no longer a problem, and long working lifetimes for belts are guaranteed.

The Allert hinged steel belt range has been developed as a modular system and is suitable for problem-solving in building, manufacture and operation of simple or complex plant and equipment.

Particular care in material selection, decades of experience in production and the use of very modern production equipment ensure the highest quality for use under the hardest conditions, be they hot, cold, wet or in conjunction with aggressive materials.

The Allert hinged steel belt range offers a wide variety of sizes, components and materials based on standard modules, for individual permutation and combination to meet the customer's needs. Therefore, different types of hinged steel belts are offered, which depending on the requirement can be heat-resistant or allow through passage of hot air or liquids.

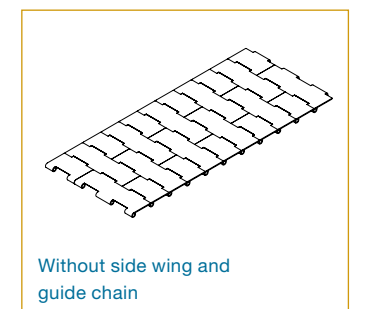
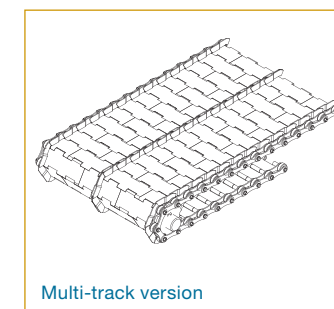
The Allert design and development department is continually engaged in creating special applications and flexible solutions.

Quality assurance at the highest level, comprehensive technical support and short delivery lead times go without saying.

Types of hinged plates



Design variants



APPLICATION EXAMPLES

Because of their wide range of versions and their individual configurations, Allert hinged steel belts are used across a very wide range of applications.



Industry

- Chip conveyors and central chip disposal systems
- Press scrap disposal and central press scrap disposal systems
- Pass-through washing plants
- Component transport
- Forging shops
- Foundries
- Assembly feed lines



Industrial baking ovens

Allert baking oven belts are heat-resistant and exceptionally robust. They satisfy the highest requirements for hygiene and easy cleaning. The closed surface of the belt creates an outstanding heat reservoir and prevents imprints on the baked goods. The hinged steel belts run true even at baking temperatures up to 300° C, thereby ensuring a long working life.

The belts are available at pitches of 38.1 mm and 50.8 mm.



Environmental technology

- Recycling
- Wood billet/pellet transport
- Ash transport



Spare belt for laser machines

- Plate format 3 m x 1.5 m (large format)
- Inexpensive spare belt
- Sprockets optionally available

QUALITY "MADE IN GERMANY"

Modern stock of machine tools and an eye for details



Quality from the very start: the raw material



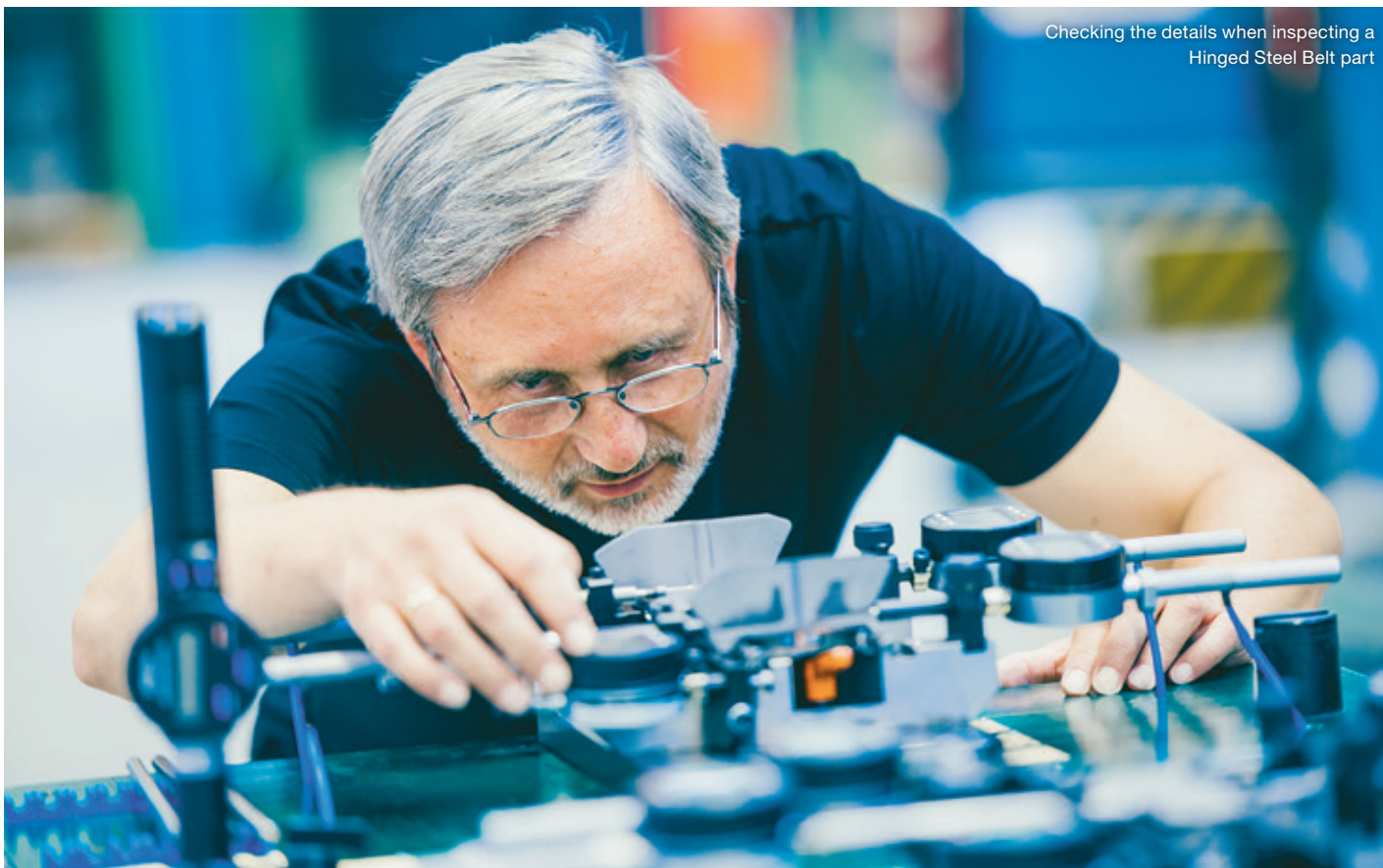
Precise assembly of hinged steel belts



A view of the Press Shop



In production



Checking the details when inspecting a Hinged Steel Belt part

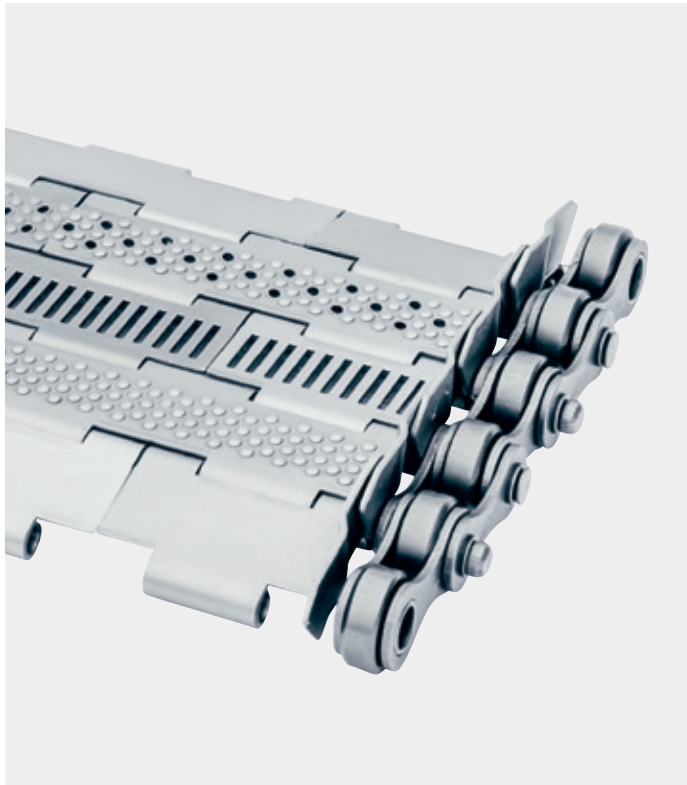


Every movement secure: Hinged Steel Belt assembly



Reliable delivery

Particularly suitable for low heights, thanks to the small radius of curvature

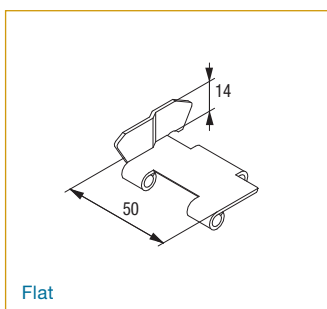
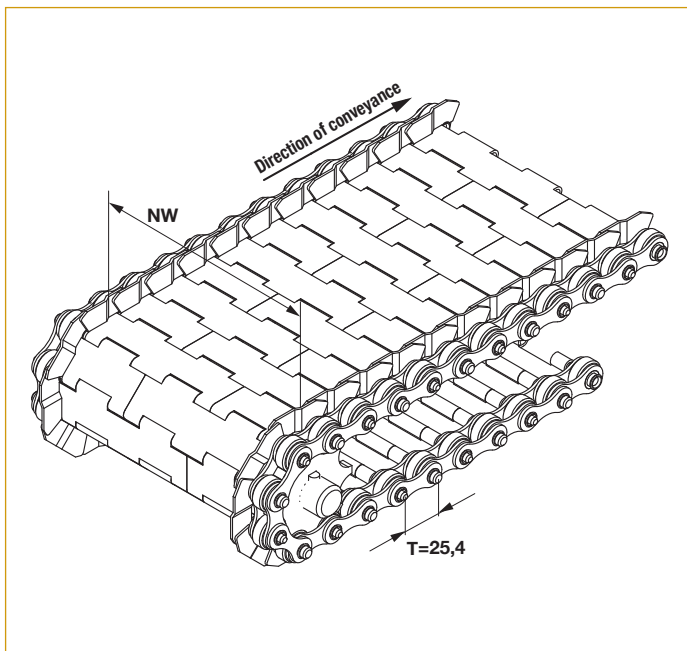
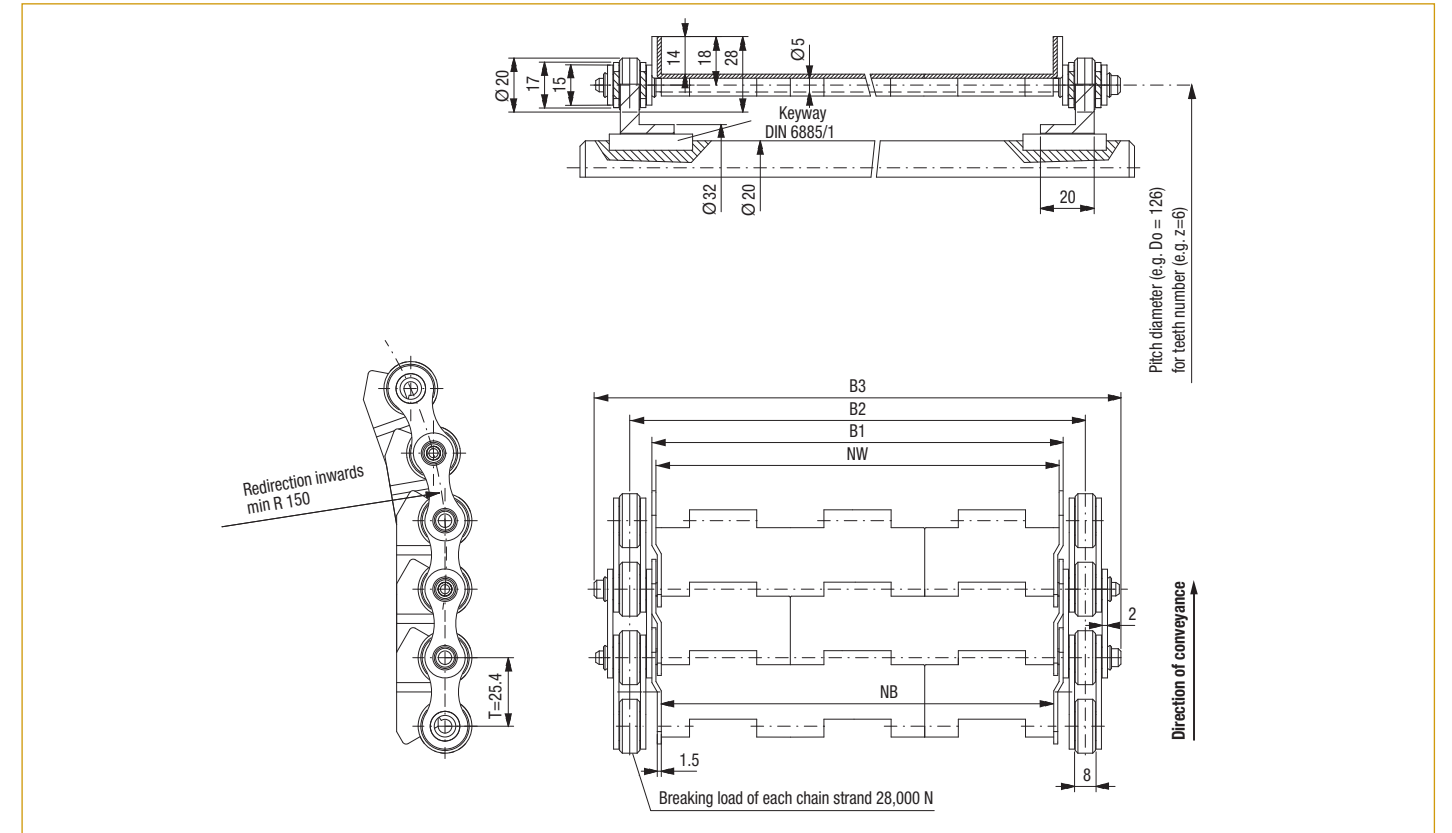


At a glance

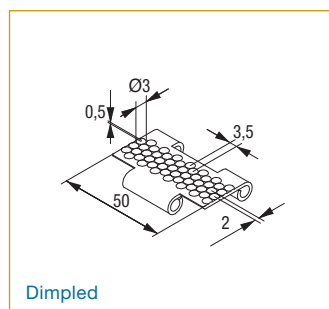
- Nominal widths from 100 to 3,000 mm
- Hinges flat, dimpled, slotted or dimpled/perforated
- Hinge thickness 1.5 mm
- Hinges mounted in assembly
- Max. gap width 0.7 mm
- Side wing height 14 mm
- Drive chain inner width 8 mm
- Breaking load of each chain 28,000 N
- Rollers Ø 20 mm
- Minimum deflection radius upwards 150 mm
- Maximum operating temperature 300° C
- Also available in particularly wear-resistant nitrocarburized version
- CAD model available on request
- Optional zinc plated or black oxide finished



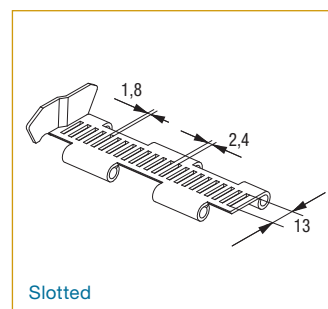
Dimensions of the version with side wings and drive chains with inner width 8 mm



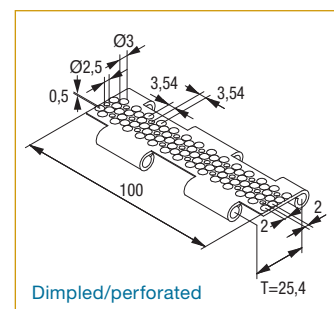
Flat



Dimpled



Slotted



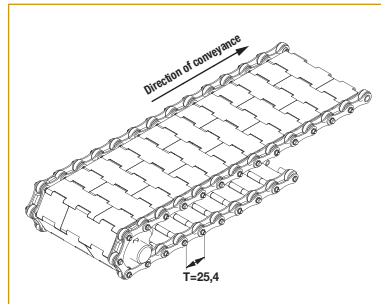
Dimpled/perforated

NW mm	NB mm	B1 mm	B2 mm	B3 mm	Weight
Nominal width*	Working width	Outside width	Centre distance of chains	Total width	kg/meter
Tolerance ± 3.0 mm	Tolerance ± 3.0 mm	Tolerance ± 3.0 mm	Adjustment dimension	Tolerance ± 3.0 mm -3/+5 from NW 700	
100	97	104	120	147	5.2
150	147	154	170	197	6.4
200	197	204	220	247	7.6
250	247	254	270	297	8.8
300	297	304	320	347	10.0
350	347	354	370	397	11.3
400	397	404	420	447	12.5
450	447	454	470	497	13.7
500	497	504	520	547	15.0
550	547	554	570	597	16.2
600	597	604	620	647	17.4
650	647	654	670	697	18.6
700	697	704	720	747	19.8
750	747	754	770	797	21.1
800	797	804	820	847	22.3
850	847	854	870	897	23.5
900	897	904	920	947	24.7
950	947	954	970	997	26.0
1,000	997	1,004	1,020	1,047	27.2
1,050	1,047	1,054	1,070	1,097	28.4
1,100	1,097	1,104	1,120	1,147	29.6
1,150	1,147	1,154	1,170	1,197	30.8
1,200	1,197	1,204	1,220	1,247	32.1

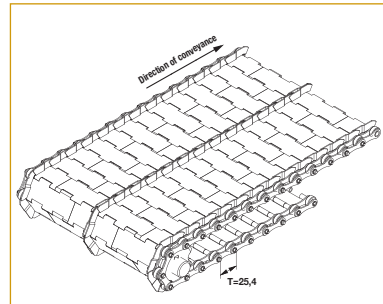
Other dimensions available on request.

Rights to make technical changes in the interests of further development reserved.

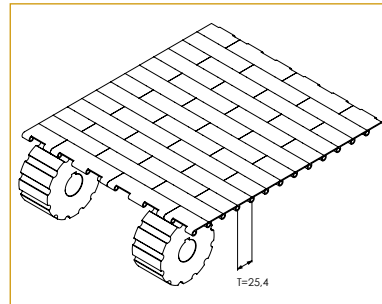
Design versions



Hinged steel belt without side wings



Multi-track hinged steel belt



Without side wing and guide chain



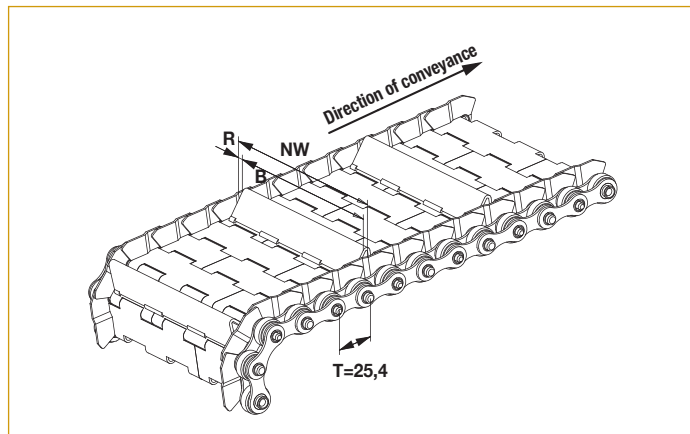
T25.4 twin track with 2 x NW 50 mm



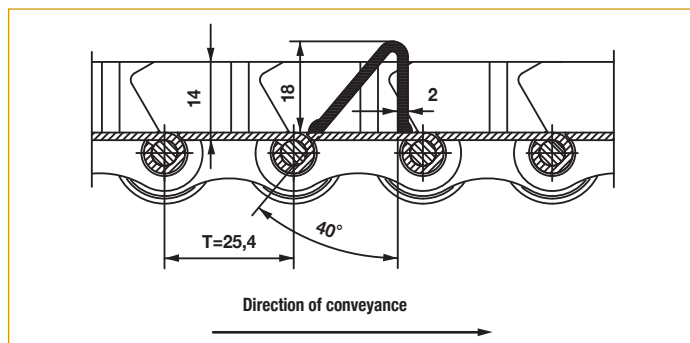
Twin-track connecting link with 2 x NW 50 mm

Standard width of carriers

NW = nominal width
 B = carrier length = NW - 20 mm
 R = edge clearance = 10 mm



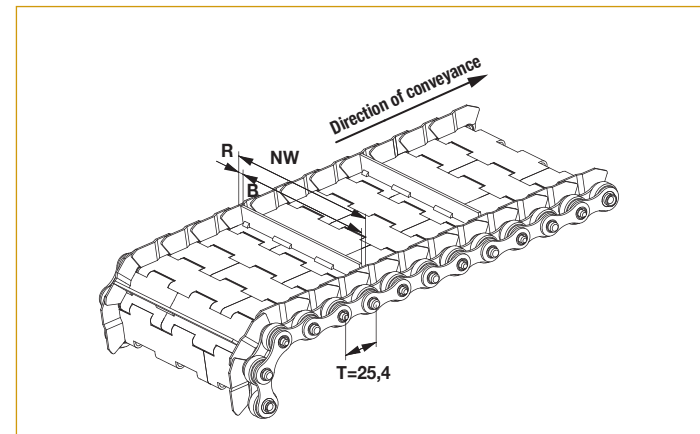
Section through the profile steel carrier 18x40° x 2



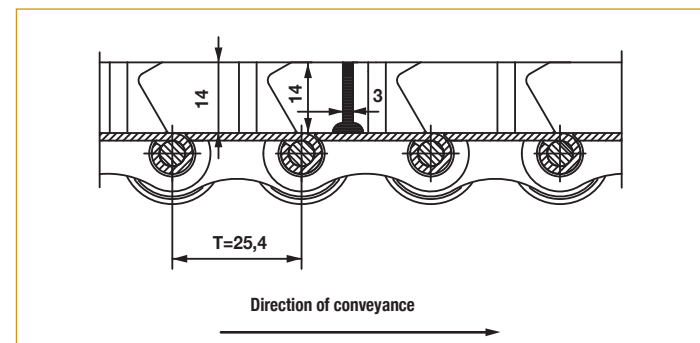
Other carrier shapes available on request.

Flat steel carriers

Dimensions (height x thickness in mm):
 14 x 3 | 10 x 5 | 15 x 3 | 15 x 5
 Other carrier shapes available on request.



Section through a flat steel carrier



Carrier welded up to NW 1,000

Drive chains and sprockets

Hollow pin chain inner width 8

Steel
 Hollow pin bore Ø 5.2 mm
 Roller Ø 20 mm
 Breaking load FB min. 28,000 N



Hollow pin chain

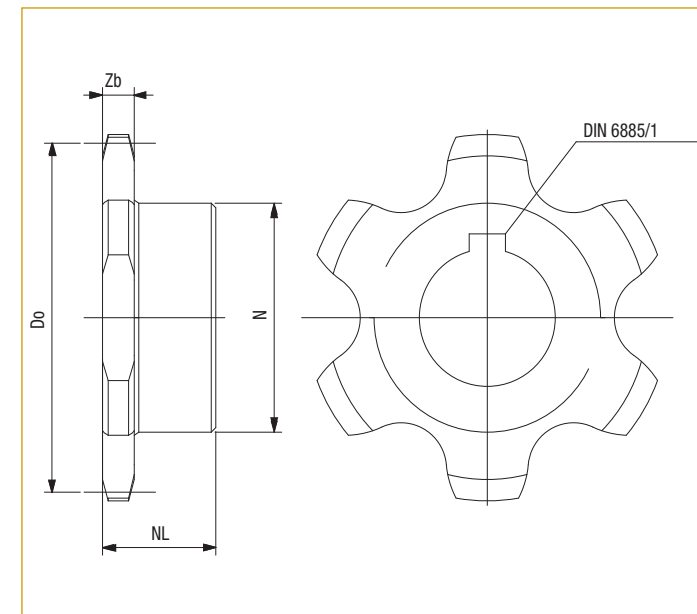
Chain lock to hollow pin chain steel

Steel



Chain lock

Pitch mm	Inner width	Roller Ø mm	Hollow pin bore Ø mm	Plate width mm	Plate thickness mm	Chain width mm	Breaking load FB min
25.4	8	20	5.2	17	2	19.5	28,000 N



Sprocket z = 8

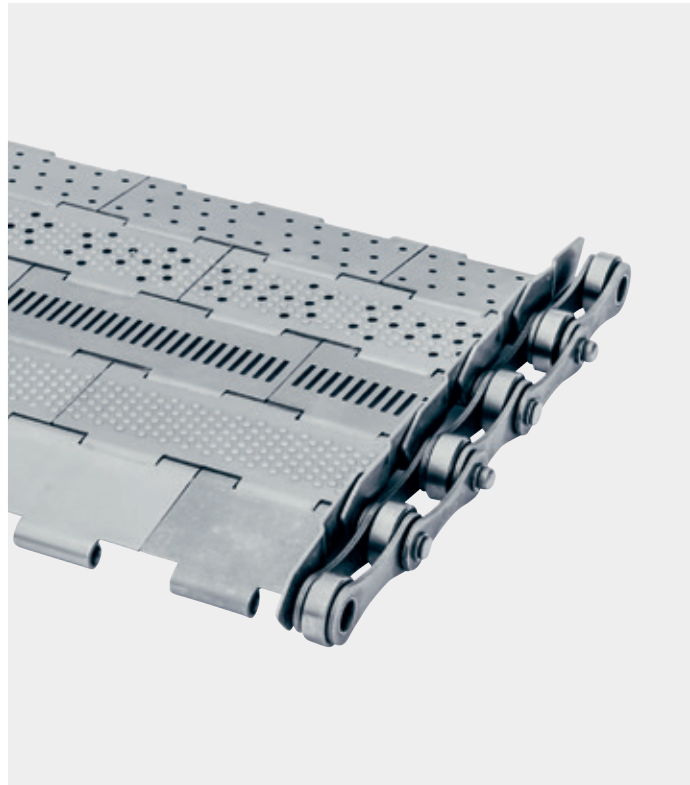
T = pitch
 z = number of teeth
 Do = pitch diameter Ø
 N = hub diameter Ø
 NL = hub length
 Zb = tooth width

T mm	z	Do Ø mm	N Ø mm	NL mm	Zb mm	Material	Tooth profile	Bore Ø	Groove
25.4	8	66.37	32	20	7	C45	DIN 8196	20 G7	DIN 6885/1
25.4	8	66.37	32	20	7	C45	DIN 8196	20 G7	none
25.4	9	74.26	48	25	7	C45	DIN 8196	25 H7	DIN 6885/1
25.4	9	74.26	48	25	7	C45	DIN 8196	25 H7	none

Other dimensions available on request.

Rights to make technical changes in the interests of further development reserved.

For chip disposal, removal of waste material, transport of small parts and different tasks in the field of material conveyance

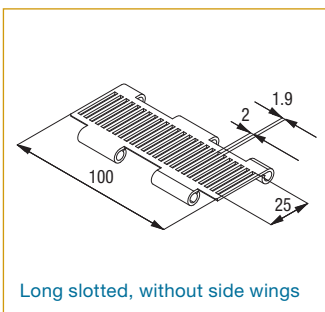
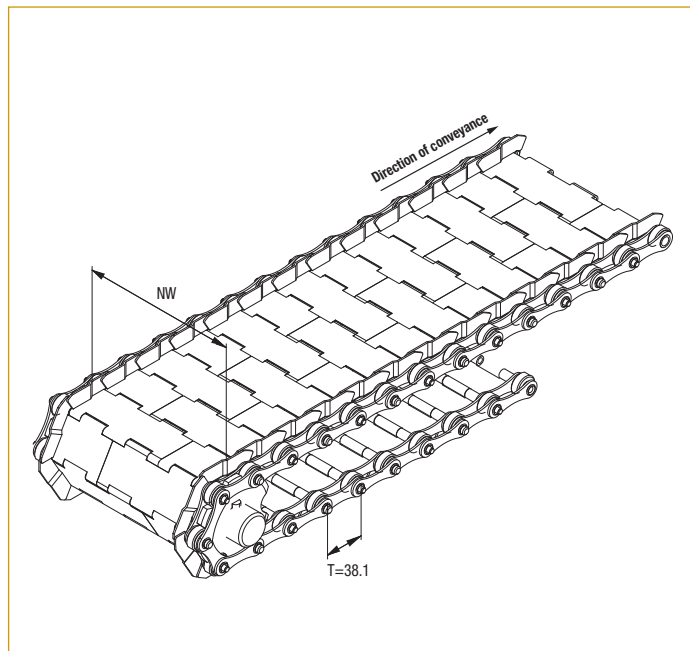
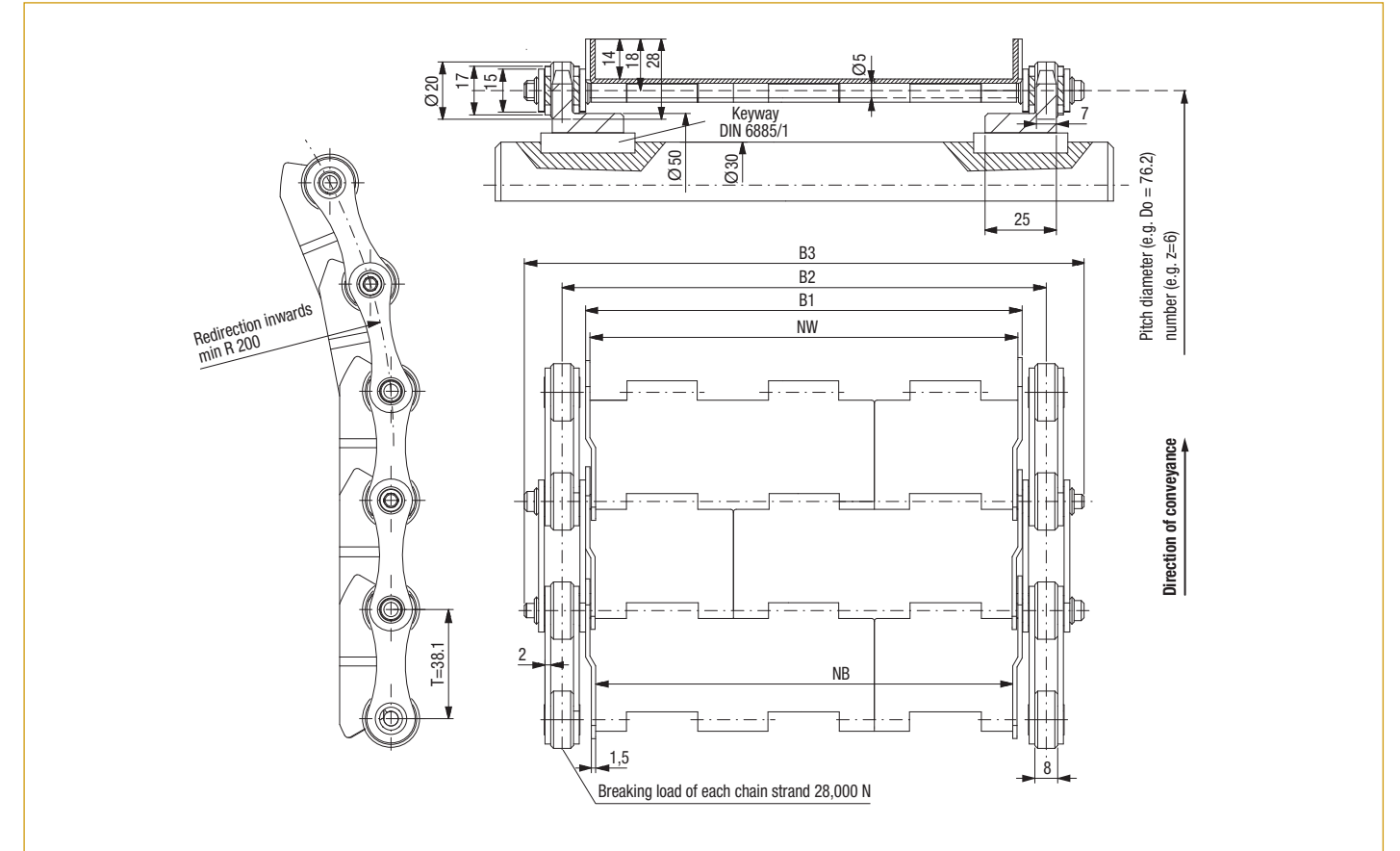


At a glance

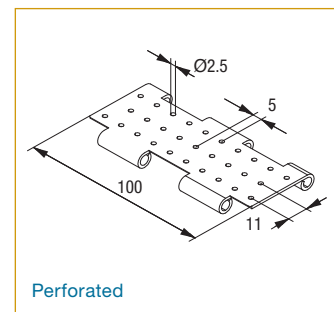
- Nominal widths from 100 to 3,000 mm
- Hinges flat, perforated, dimpled, dimpled/perforated or slotted/long slotted
- Hinge thickness 1.5 mm
- Hinges assembled within compound
- Max. gap width 0.7 mm
- Side wing height 14 mm
- Minimum deflection radius upwards 200 mm
- Drive chain inner width 8 mm
- Rollers Ø 20 mm
- Breaking load of each chain 28,000 N
- Maximum operating temperature 300° C
- Also available in particularly wear-resistant nitrocarburized version
- CAD model available on request
- Optional zinc plated or black oxide finished



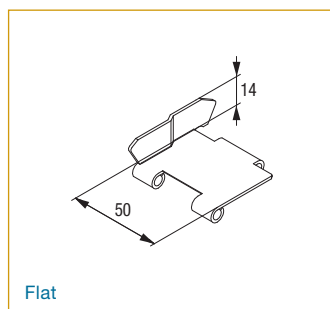
Dimensions of the version with side wings and drive chains with inner width 8 mm



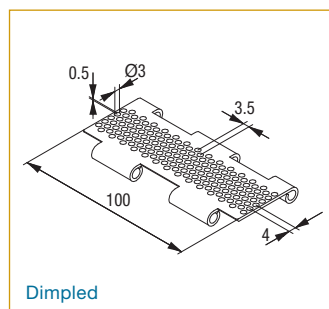
Long slotted, without side wings



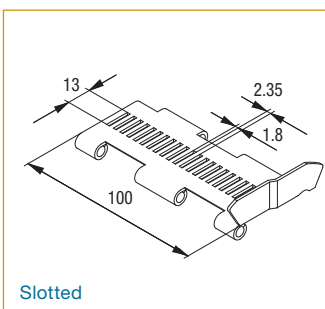
Perforated



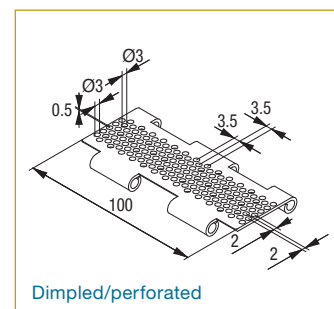
Flat



Dimpled



Slotted



Dimpled/perforated

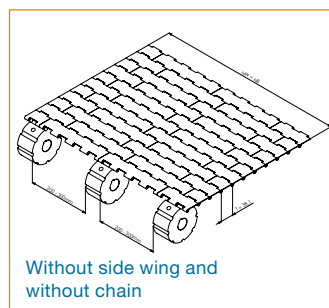
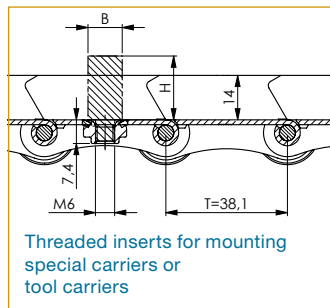
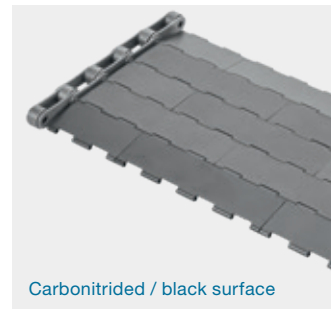
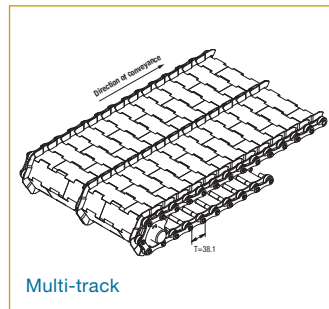
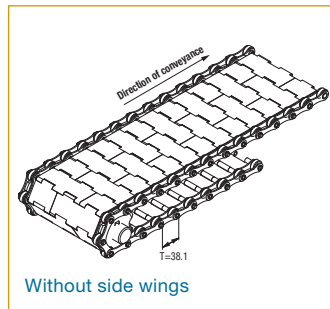
NW mm	NB mm	B1 mm	B2 mm	B3 mm	Weight
Nominal width*	Working width	Outside width	Centre distance of chains	Total width	kg/meter
Tolerance ± 2.0 mm	Tolerance ± 2.0 mm	Tolerance ± 2.0 mm	Adjustment dimension	Tolerance ± 3.0 mm	
100	97	104	120	147	4.6
150	147	154	170	197	5.6
200	197	204	220	247	6.6
250	247	254	270	297	7.7
300	297	304	320	347	8.7
350	347	354	370	397	9.7
400	397	404	420	447	10.8
450	447	454	470	497	11.8
500	497	504	520	547	12.8
550	547	554	570	597	13.8
600	597	604	620	647	14.9
650	647	654	670	697	15.9
700	697	704	720	747	16.9
750	747	754	770	797	17.9
800	797	804	820	847	19.0
850	847	854	870	897	20.0
900	897	904	920	947	21.0
950	947	954	970	997	22.0
1,000	997	1,004	1,020	1,047	23.1
1,050	1,047	1,054	1,070	1,097	24.1
1,100	1,097	1,104	1,120	1,147	25.1
1,150	1,147	1,154	1,170	1,197	26.1
1,200	1,197	1,204	1,220	1,247	27.2

Other dimensions available on request.

Rights to make technical changes in the interests of further development reserved.

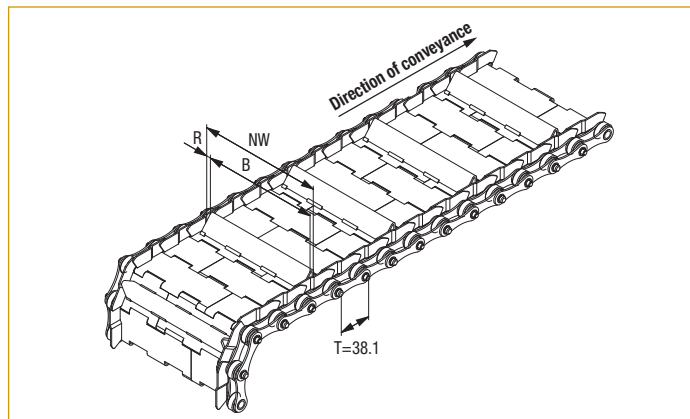
Allert Product Catalog

Design variants

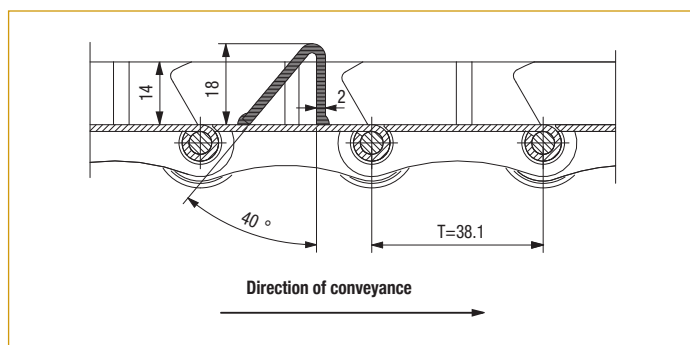


Standard profile carriers

NW = nominal width
 B = carrier length = NW - 20 mm
 R = edge clearance = 10 mm



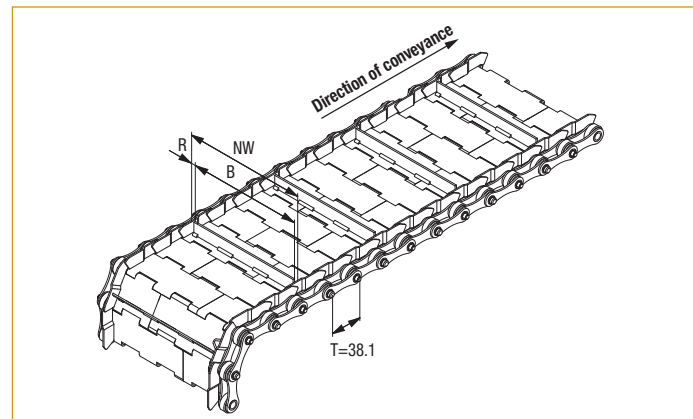
Section through a profile steel carrier



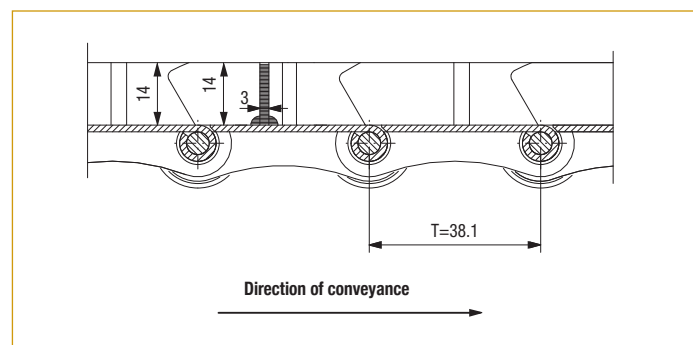
Other drive shapes available on request.

Flat steel carriers

Size (height x thickness in mm):
 14 x 3 | 10 x 5 | 15 x 3 | 15 x 5
 Other carrier shapes available on request.



Section through a flat steel carrier



Carrier welded up to NW 1,000

Drive chains and sprockets

Hollow pin chain inner width 8

Steel
 Hollow pin bore diameter \varnothing 5.2 mm
 Roller \varnothing 20 mm
 Breaking load FB min. 28,000 N

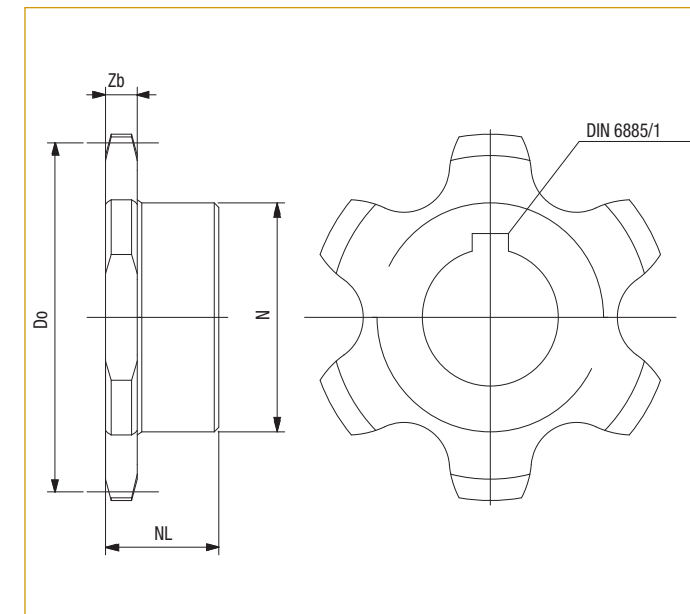


Chain lock inner width 8 to hollow pin chain

Steel



Pitch mm	Inner width	Roller \varnothing mm	Hollow pin bore \varnothing mm	Plate width mm	Plate thickness mm	Chain width mm	Breaking load FB min
38.1	8	20	5.2	17	2	19.5	28,000 N



Sprocket z = 6

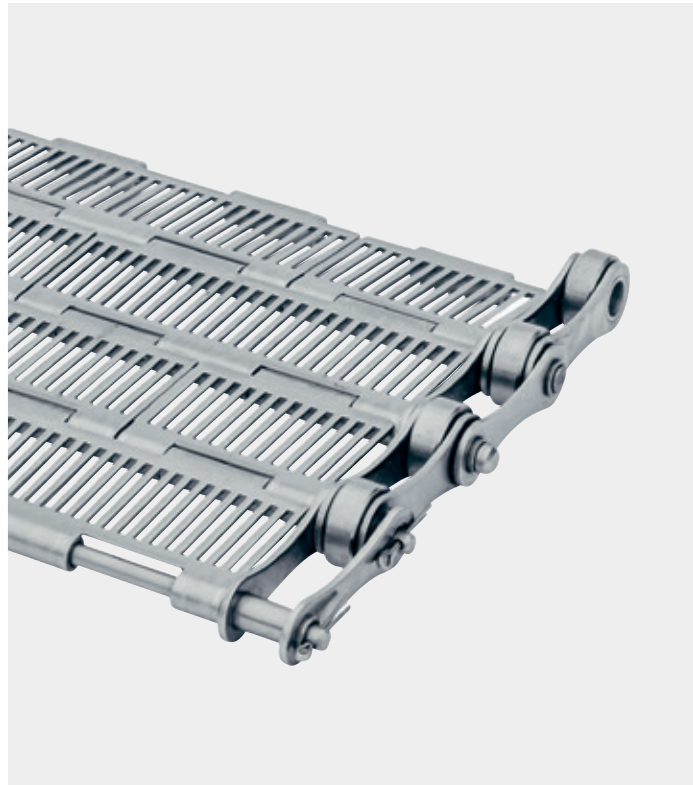
T = pitch
 z = number of teeth
 Do = pitch diameter \varnothing
 N = hub diameter \varnothing
 NL = hub length
 Zb = tooth width

T mm	z	Do \varnothing mm	N \varnothing mm	NL mm	Zb mm	Material	Tooth profile	Bore \varnothing	Groove
38.1	6	76.2	50	25	7	C45	DIN 8196	25 H7	DIN 6885/1
38.1	6	76.2	50	25	7	C45	DIN 8196	30 H7	DIN 6885/1
38.1	6	76.2	50	25	7	C45	DIN 8196	30 H7	none
38.1	8	99.56	60	25	7	C45	DIN 8196	30 H7	DIN 6885/1
38.1	8	99.56	60	25	7	C45	DIN 8196	30 H7	none
38.1	10	123.3	70	25	7	C45	DIN 8196	30 H7	DIN 6885/1
38.1	10	123.3	70	25	7	C45	DIN 8196	30 H7	none

Other dimensions available on request.

Rights to make technical changes in the interests of further development reserved.

The corrosion-free Hinged Steel Belt for applications with high demands on the material.

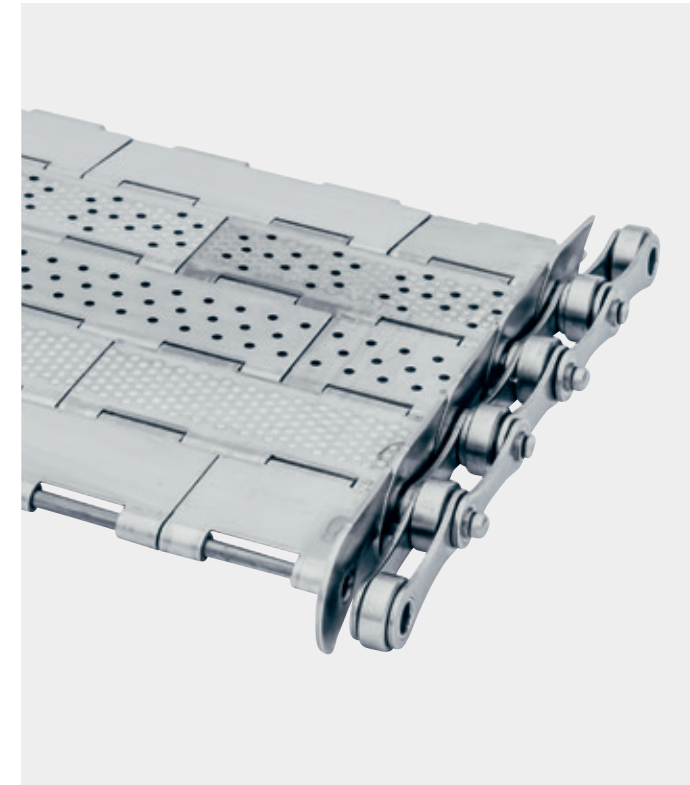


At a glance

- Nominal widths from 100 to 3,000 mm
- Hinges flat, dimpled, slotted or dimpled/perforated and long slotted
- Hinges without side wings
- Hinge thickness 1.5 mm
- Hinges assembled within compound
- Max. gap width 0.7 mm
- Minimum deflection radius upwards 200 mm
- Drive chain inner width 8 mm
- Rollers Ø 20 mm
- Breaking load of each chain 12,000 N
- Operating temperature from -200°C to +300°C
- Also available with steel chains
- CAD model available on request

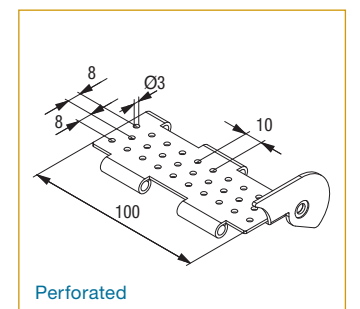
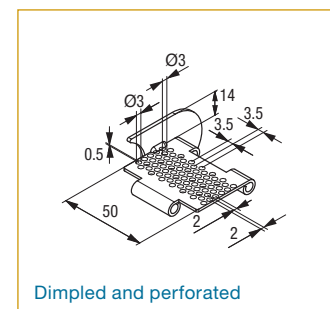
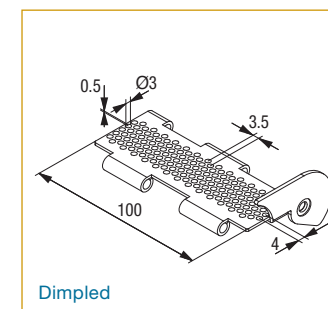
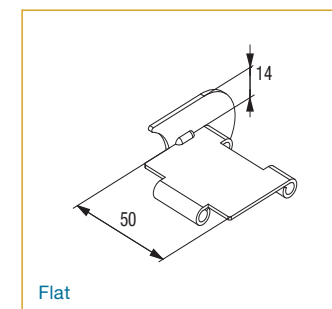
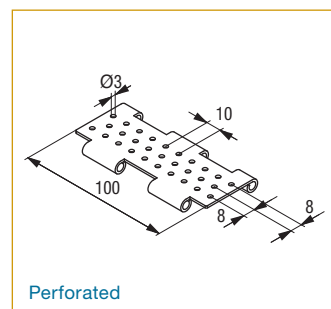
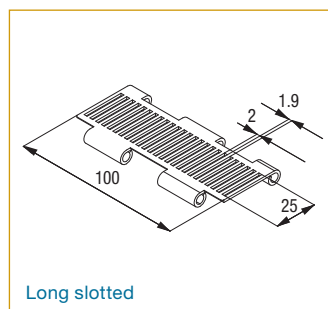
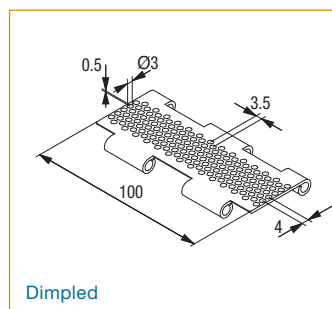
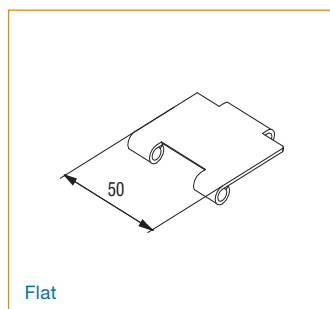
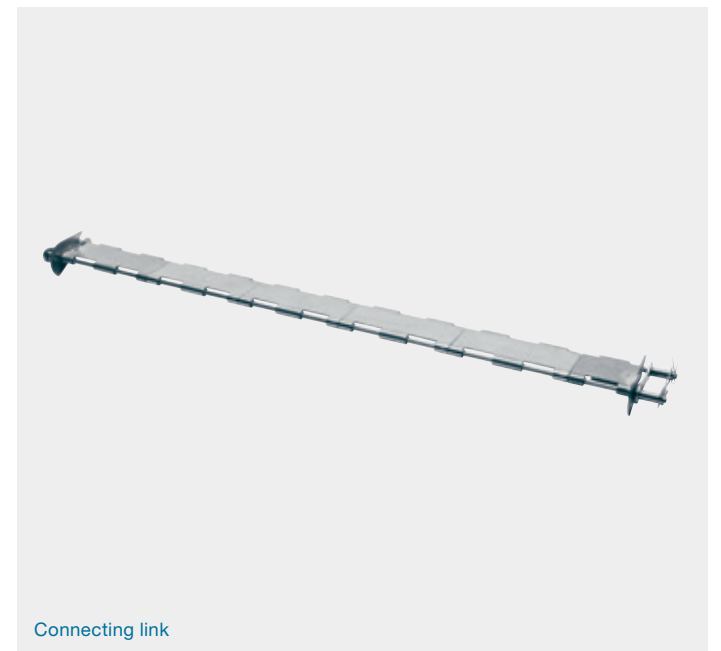
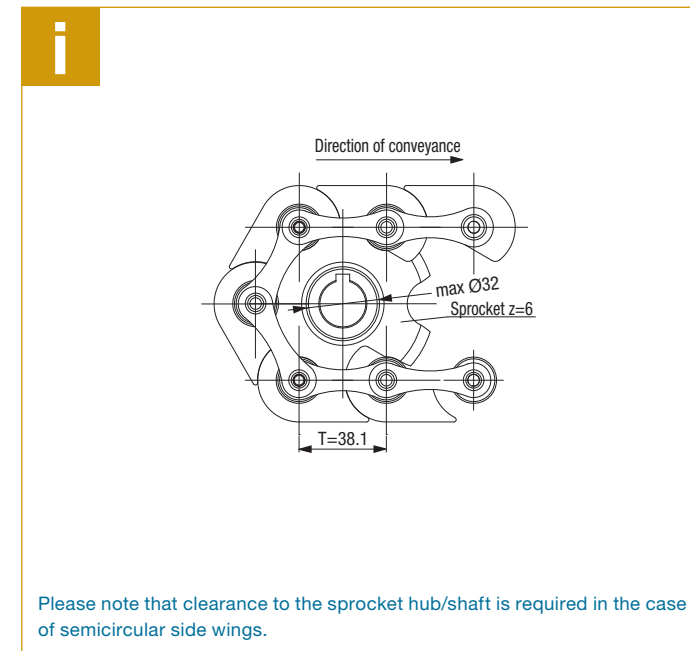
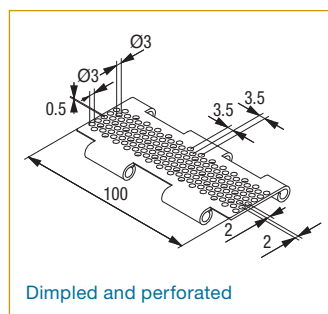
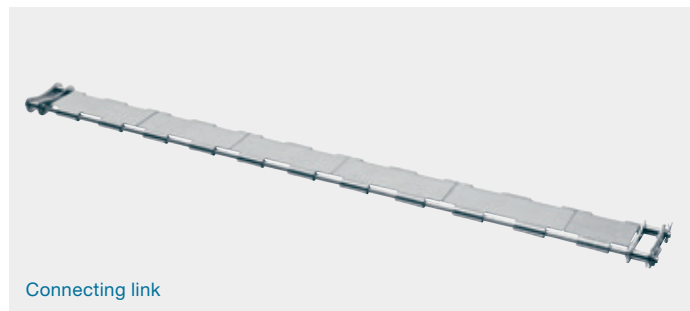
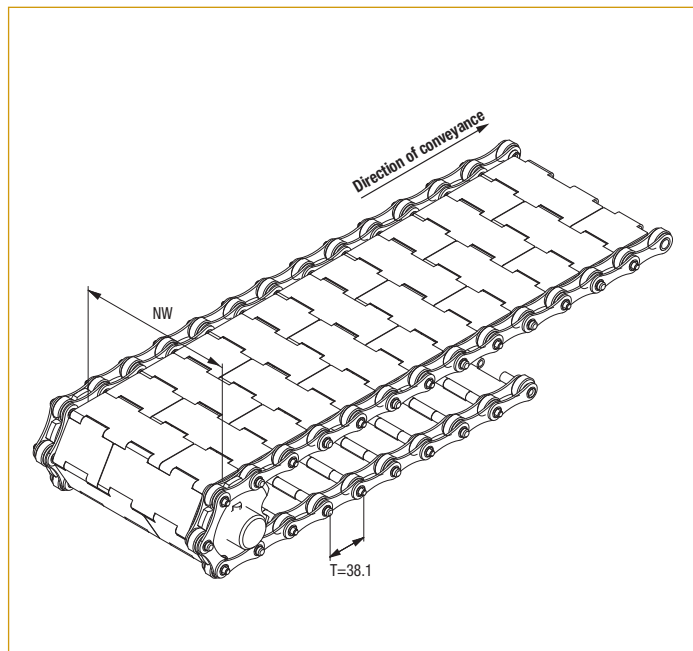


With side wings

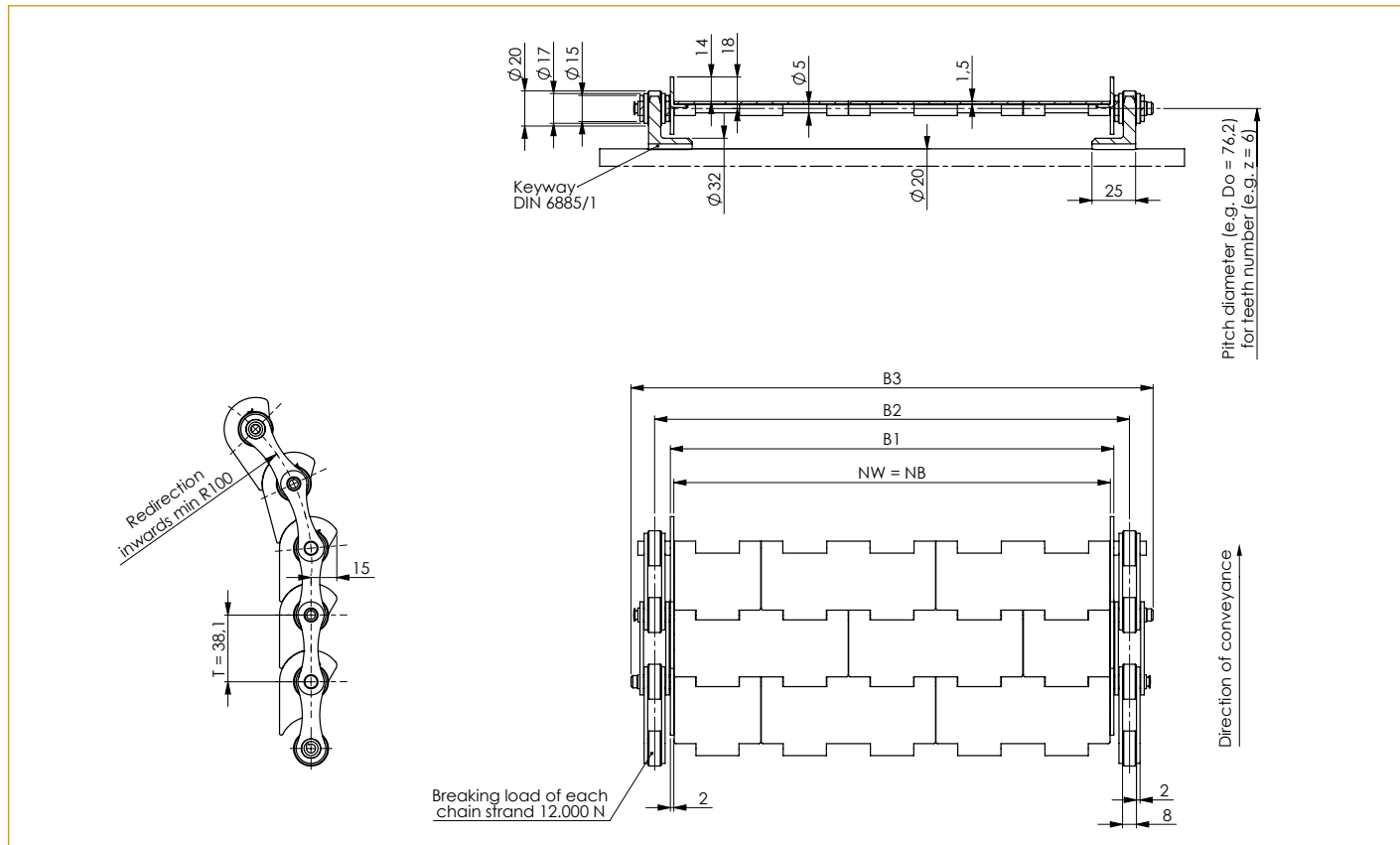


At a glance

- Hinges mounted in assembly
- Welded side wings
- Nominal widths from 200 to 1,200 mm
- Flat hinges
- Hinge thickness 1.5 mm
- Max. gap width 0.7 mm
- Side wing height 14 mm
- Minimum deflection radius upwards 100 m
- Drive chain inner width 8 mm
- Rollers Ø 20 mm
- Breaking load of each chain 12,000 N
- Operating temperature from -200°C to +300°C
- Also available with steel chains
- CAD model available on request



Dimensions of the stainless steel version with side wings and drive chains with inner width 8 mm



NW mm	NB mm	B1 mm	B2 mm	B3 mm	Weight
Nominal width*	Working width	Outside width	Centre distance of chains	Total width	kg/meter
Tolerance ± 2.0 mm	Tolerance ± 2.0 mm	Tolerance ± 2.0 mm	Adjustment dimension	Tolerance ± 4.0 mm	
100	100	104	123	150	4.6
150	150	154	173	200	5.6
200	200	204	223	250	6.6
250	250	254	273	300	7.7
300	300	304	323	350	8.7
350	350	354	373	400	9.7
400	400	404	423	450	10.8
450	450	454	473	500	11.8
500	500	504	523	550	12.8
550	550	554	573	600	13.8
600	600	604	623	650	14.9
650	650	654	673	700	15.9
700	700	704	723	754	16.9
750	750	754	773	804	17.9
800	800	804	823	854	19.0
850	850	854	873	904	20.0
900	900	904	923	954	21.0
950	950	954	973	1,004	22.0
1,000	1,000	1,004	1,023	1,054	23.1
1,050	1,050	1,054	1,073	1,204	24.1
1,100	1,100	1,104	1,123	1,154	25.1
1,150	1,150	1,154	1,173	1,204	26.1
1,200	1,200	1,204	1,223	1,254	27.2

Other dimensions available on request.

Drive chains and sprockets

Hollow pin chain inner width 8 mm

Stainless steel

Hollow pin bore diameter Ø 5.2 mm

Roller Ø 20 mm

Breaking load FB min. 12,000 N



Hollow pin chain

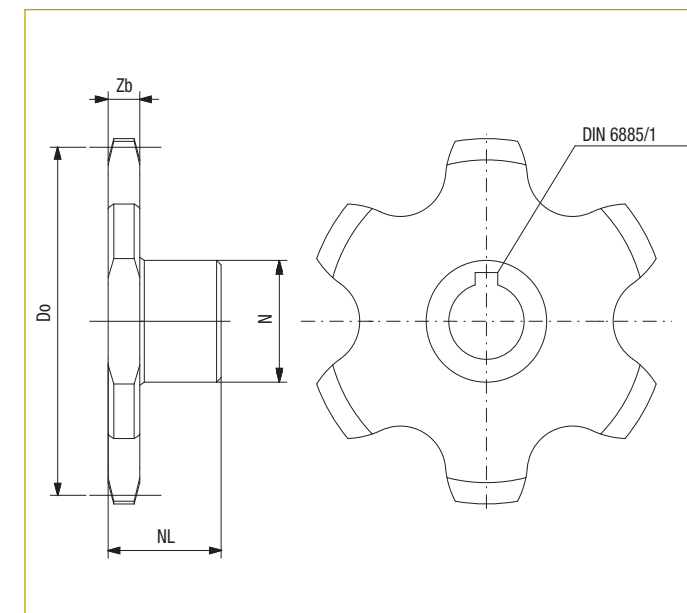
Chain lock inner width 8 to hollow pin chain

Stainless steel



Chain lock

Pitch mm	Inner width mm	Roller Ø mm	Hollow pin bore Ø mm	Plate width mm	Plate thickness mm	Chain width mm	Breaking load FB min
38.1	8	20	5.2	17	2	19.5	12,000 N



Sprocket z = 6

T = pitch

z = number of teeth

Do = pitch diameter Ø

N = hub diameter Ø

NL = hub length

Zb = tooth width

T mm	z	Do Ø mm	N Ø mm	NL mm	Zb mm	Material	Tooth profile	Bore Ø	Groove
38.1	6	76.2	50	25	7	1,4301	DIN 8196	25 H7	DIN 6885/1
38.1	6	76.2	50	25	7	1,4301	DIN 8196	30 H7	DIN 6885/1
38.1	6	76.2	50	25	7	1,4301	DIN 8196	30 H7	none
38.1	8	99.56	60	25	7	1,4301	DIN 8196	30 H7	DIN 6885/1
38.1	8	99.56	60	25	7	1,4301	DIN 8196	30 H7	none
38.1	10	123.3	70	25	7	1,4301	DIN 8196	30 H7	DIN 6885/1
38.1	10	123.3	70	25	7	1,4301	DIN 8196	30 H7	none

Other dimensions available on request.

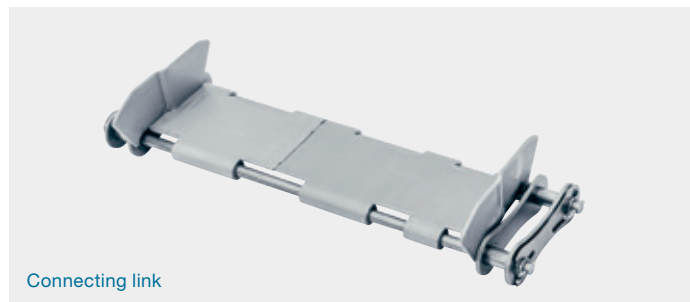
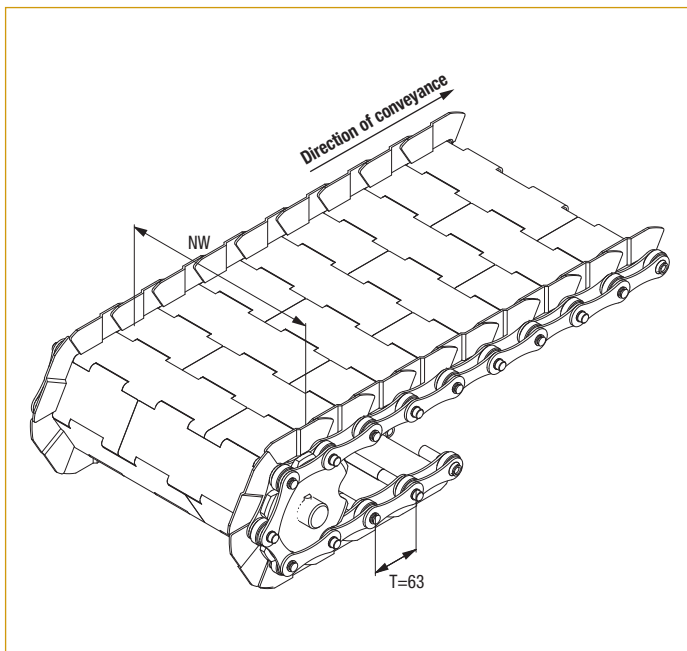
Rights to make technical changes in the interests of further development reserved.

For disposal of chips and stamping scraps, transportation of parts and other transport tasks

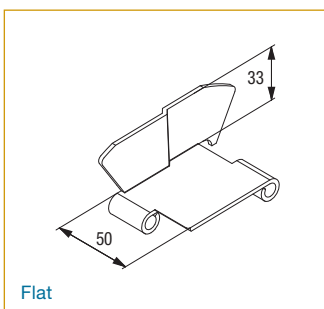


At a glance

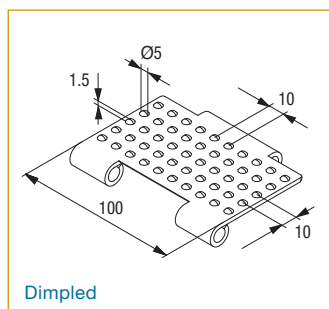
- Nominal widths from 100 to 3,000 mm
- Hinges flat, perforated, dimpled or perforated/dimpled
- Hinge thickness 2.5 mm
- Hinges mounted in assembly
- Max. gap width 0.7 mm
- Side wing height 33 mm
- Minimum deflection radius upwards 250 mm
- Drive chains inner width 10 mm
- Roller Ø 30 mm
Breaking load of each chain 50,000 N
- Drive chains inner width 15 mm
Roller Ø 40 mm Breaking load of each chain 50,000 N
- Drive chains inner width 20 mm
Roller Ø 30 mm Breaking load of each chain 50,000 N
- Drive chains inner width 22 mm Roller Ø 40 mm Breaking load of each chain 46,000 N
- Drive chains inner width 25 mm Roller Ø 48 mm Breaking load of each chain 70,000 N
- Maximum operating temperature 300° C
- Also available in particularly wear-resistant carbonitrided version
- CAD model available on request
- Optional galvanised or burnished surface



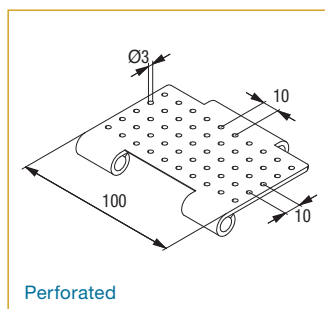
Connecting link



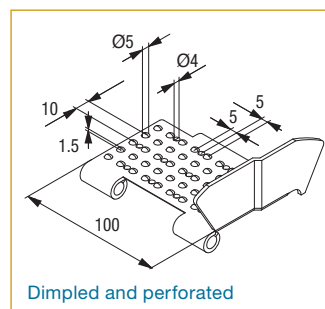
Flat



Dimpled

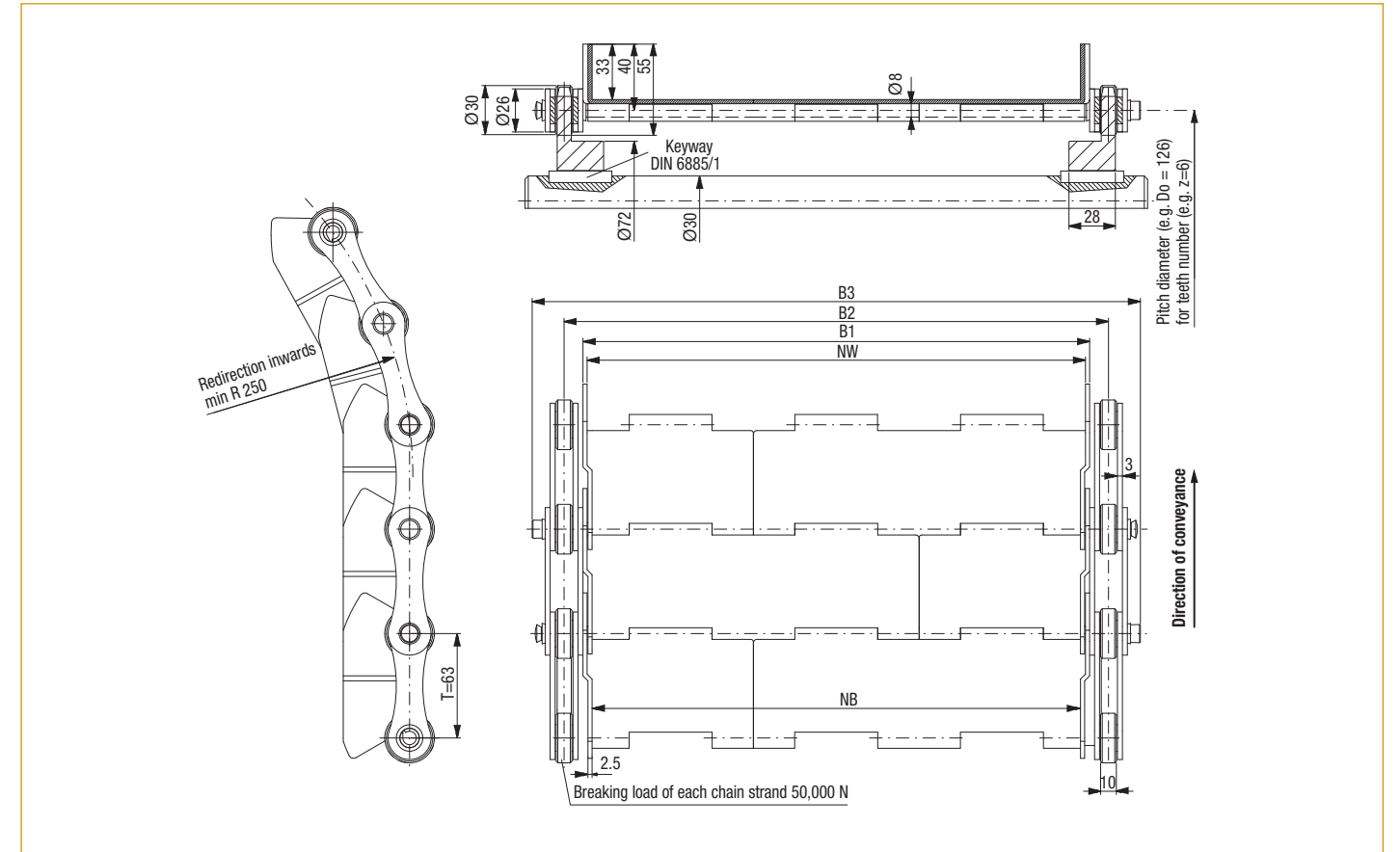


Perforated



Dimpled and perforated

Dimensions of the version with side wings and drive chains with inner width 10 mm

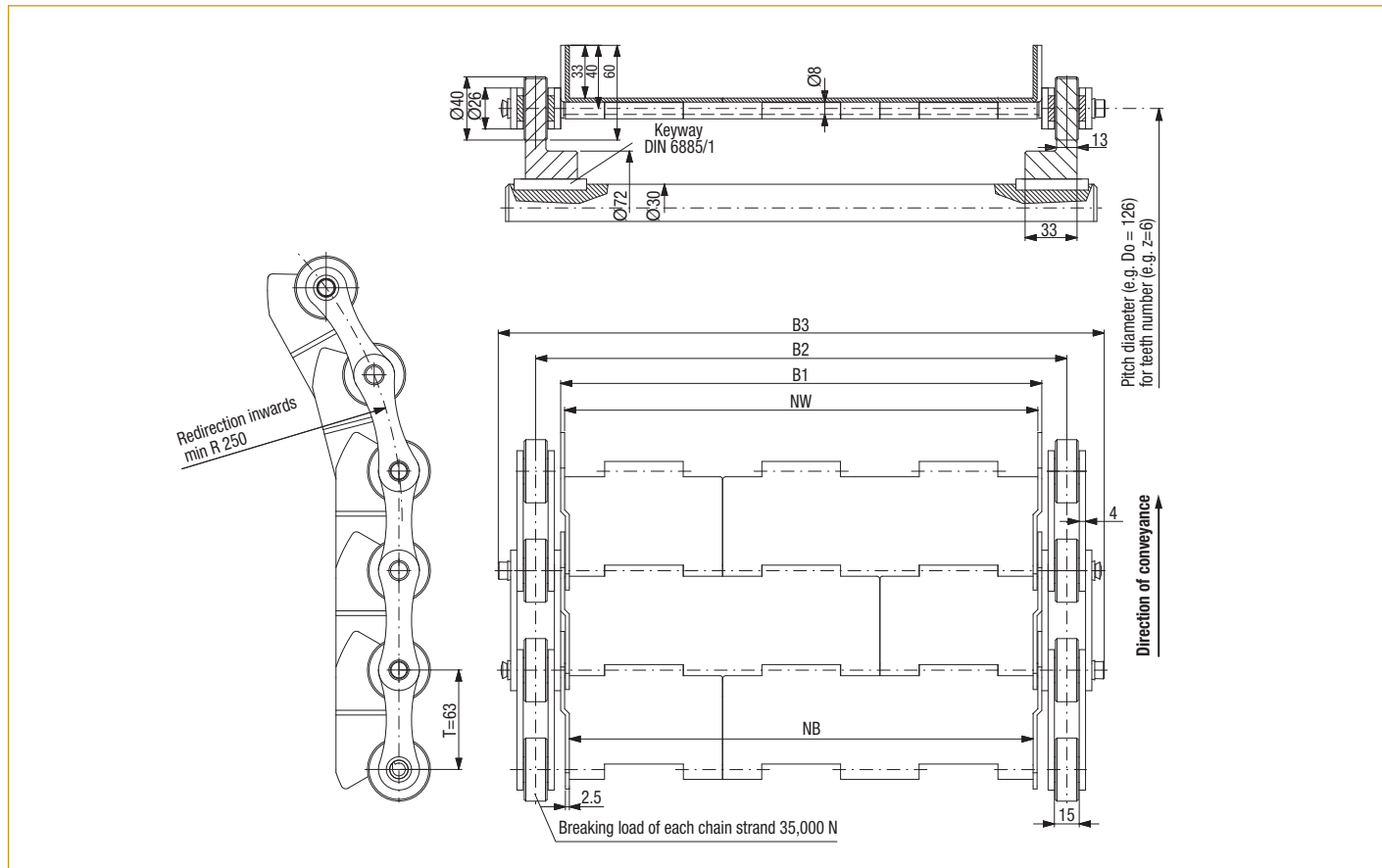


NW mm	NB mm	B1 mm	B2 mm	B3 mm	Weight
Nominal width*	Working width	Outside width	Centre distance of chains	Total width	kg/metre
Tolerance ± 3.0 mm	Tolerance ± 3.0 mm	Tolerance ± 3.0 mm	Adjustment dimension	Tolerance ± 3.0 mm	
200	195	206	230	269	13.0
250	245	256	280	319	14.7
300	295	306	330	369	16.4
350	345	356	380	419	18.1
400	395	406	430	469	19.8
450	445	456	480	519	21.5
500	495	506	530	569	23.2
550	545	556	580	619	24.9
600	595	606	630	669	26.6
650	645	656	680	719	28.3
700	695	706	730	769	30.0
750	745	756	780	819	31.7
800	795	806	830	869	33.4
850	845	856	880	919	35.1
900	895	906	930	969	36.8
950	945	956	980	1,019	38.4
1,000	995	1,006	1,030	1,069	40.1
1,050	1,045	1,056	1,080	1,119	41.8
1,100	1,095	1,106	1,130	1,169	43.5
1,150	1,145	1,156	1,180	1,219	45.2
1,200	1,195	1,206	1,230	1,269	46.9

Other dimensions available on request.

Rights to make technical changes in the interests of further development reserved.

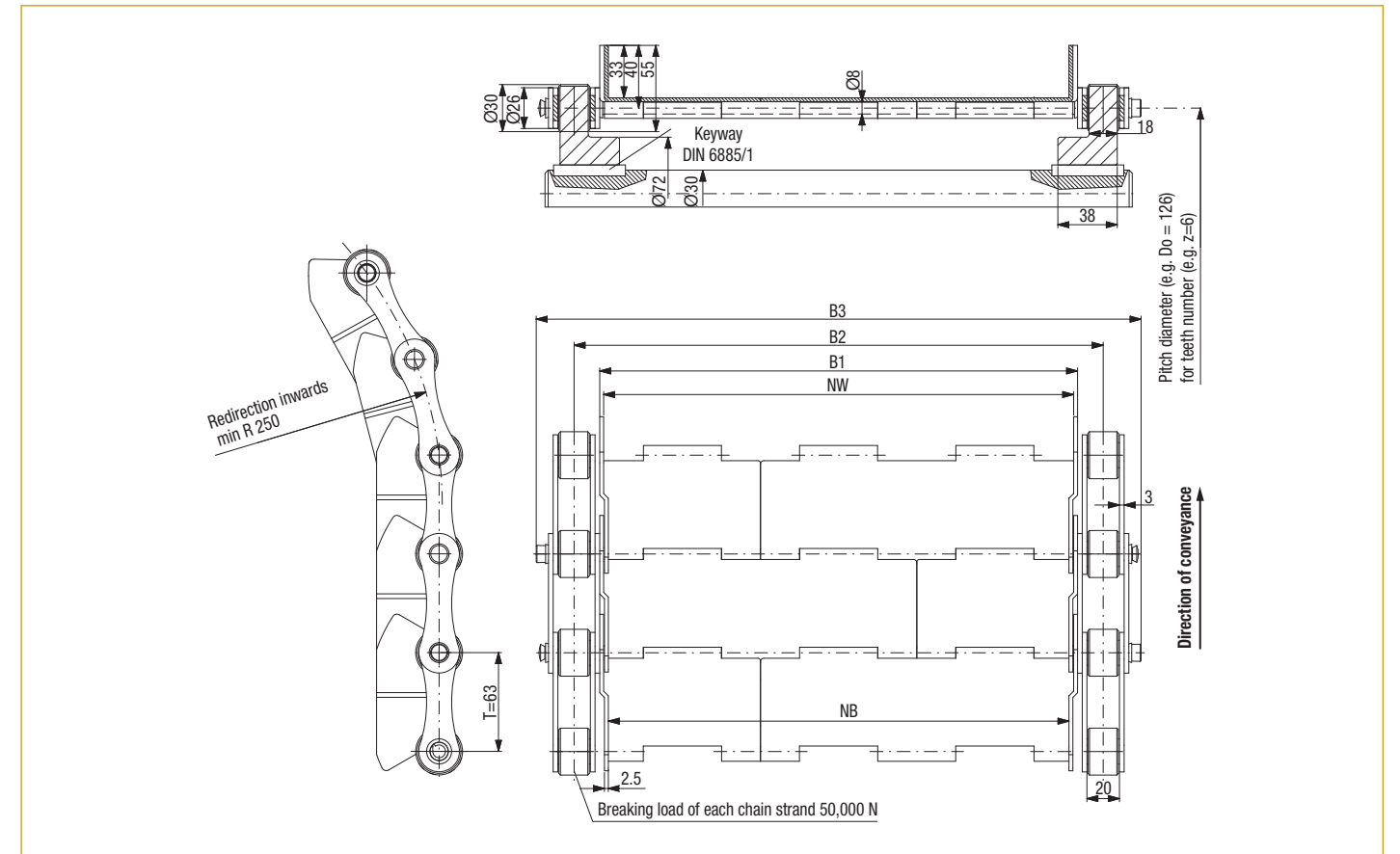
Dimensions of the version with side wings and drive chains with inner width 15 mm



NW mm	NB mm	B1 mm	B2 mm	B3 mm	Weight
Nominal width*	Working width	Outside width	Centre distance of chains	Total width	kg/meter
Tolerance ± 3.0 mm	Tolerance ± 3.0 mm	Tolerance ± 3.0 mm	Adjustment dimension	Tolerance ± 3.0 mm	
200	195	206	239	287	16.9
250	245	256	289	337	18.6
300	295	306	339	387	20.3
350	345	356	389	437	22.0
400	395	406	439	487	23.7
450	445	456	489	537	25.4
500	495	506	539	587	27.1
550	545	556	589	637	28.8
600	595	606	639	687	30.5
650	645	656	689	737	32.2
700	695	706	739	787	33.9
750	745	756	789	837	35.6
800	795	806	839	887	37.3
850	845	856	889	937	39.0
900	895	906	939	987	40.7
950	945	956	989	1,037	42.4
1,000	995	1,006	1,039	1,087	44.1
1,050	1,045	1,056	1,089	1,137	45.8
1,100	1,095	1,106	1,139	1,187	47.5
1,150	1,145	1,156	1,189	1,237	49.2
1,200	1,195	1,206	1,239	1,287	50.9

Other dimensions available on request.

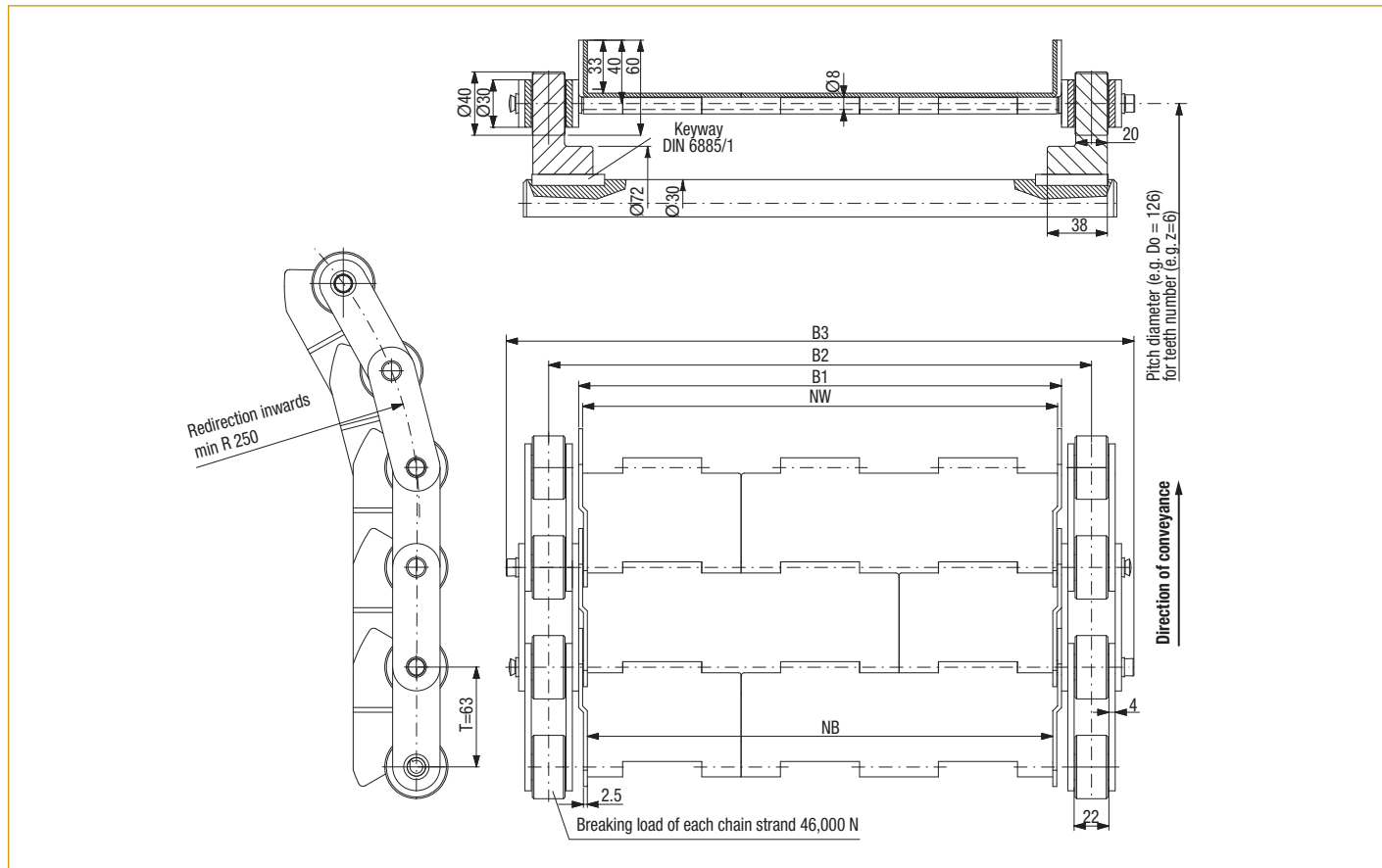
Dimensions of the version with side wings and drive chains with inner width 20 mm



NW mm	NB mm	B1 mm	B2 mm	B3 mm	Weight
Nominal width*	Working width	Outside width	Centre distance of chains	Total width	kg/meter
Tolerance ± 3.0 mm	Tolerance ± 3.0 mm	Tolerance ± 3.0 mm	Adjustment dimension	Tolerance ± 3.0 mm	
200	195	206	240	289	14.6
250	245	256	290	339	16.3
300	295	306	340	389	18.0
350	345	356	390	439	19.7
400	395	406	440	489	21.4
450	445	456	490	539	23.1
500	495	506	540	589	24.8
550	545	556	590	639	26.5
600	595	606	640	689	28.2
650	645	656	690	739	29.9
700	695	706	740	789	31.6
750	745	756	790	839	33.3
800	795	806	840	889	35.0
850	845	856	890	939	36.7
900	895	906	940	989	38.4
950	945	956	990	1,039	40.1
1,000	995	1,006	1,040	1,089	41.8
1,050	1,045	1,056	1,090	1,139	43.5
1,100	1,095	1,106	1,140	1,189	45.2
1,150	1,145	1,156	1,190	1,239	46.9
1,200	1,195	1,206	1,240	1,289	48.6

Other dimensions available on request.

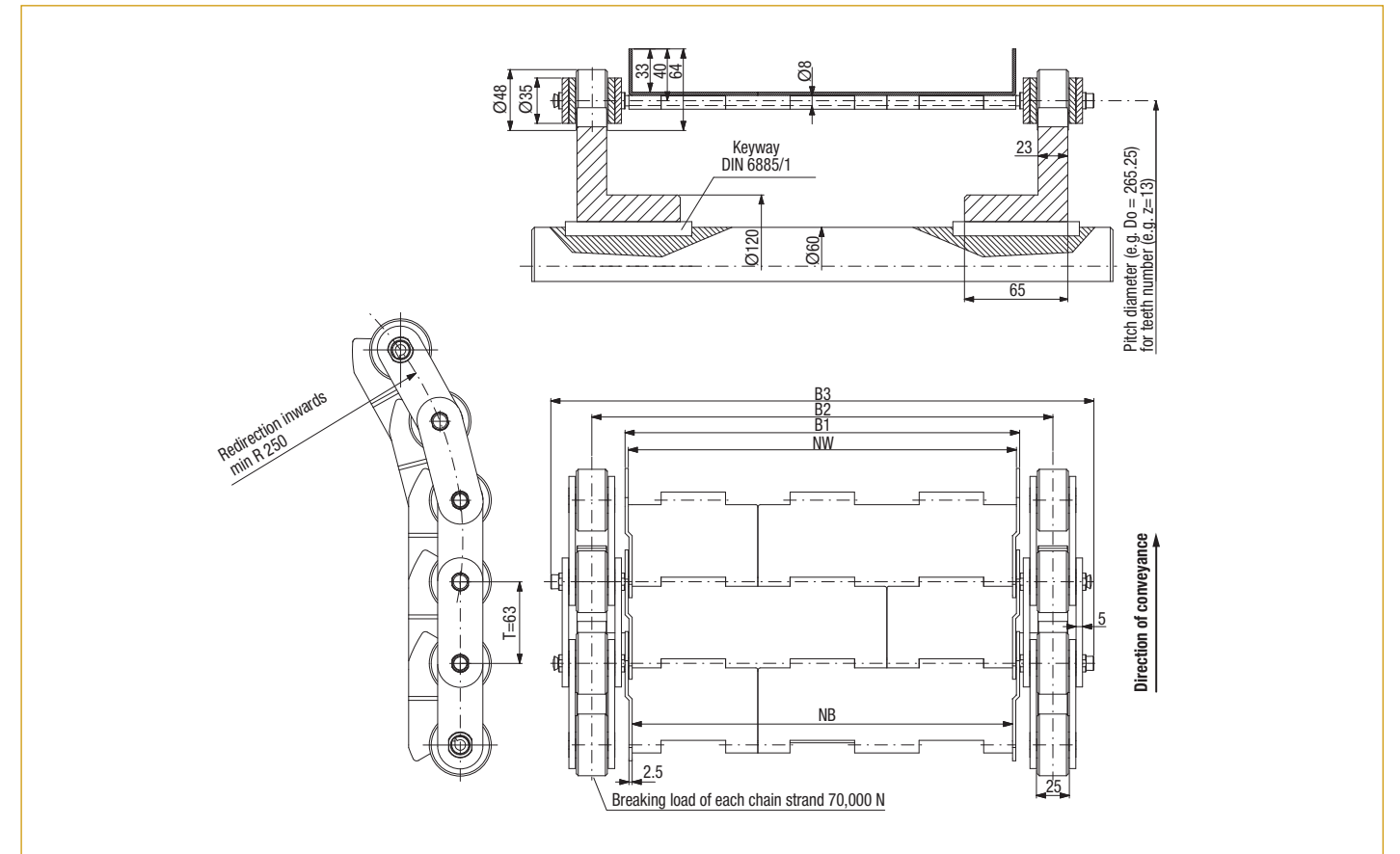
Dimensions of the version with side wings and drive chains with inner width 22 mm



NW mm	NB mm	B1 mm	B2 mm	B3 mm	Weight
Nominal width*	Working width	Outside width	Centre distance of chains	Total width	kg/meter
Tolerance ± 3.0 mm	Tolerance ± 3.0 mm	Tolerance ± 3.0 mm	Adjustment dimension	Tolerance ± 3.0 mm	
200	195	206	246	304	20.7
250	245	256	296	354	22.4
300	295	306	346	404	24.1
350	345	356	396	454	25.8
400	395	406	446	504	27.5
450	445	456	496	554	29.2
500	495	506	546	604	30.9
550	545	556	596	654	32.6
600	595	606	646	704	34.3
650	645	656	696	754	36.0
700	695	706	746	804	37.7
750	745	756	796	854	39.4
800	795	806	846	904	41.1
850	845	856	896	954	42.8
900	895	906	946	1,004	44.5
950	945	956	996	1,054	46.2
1,000	995	1,006	1,046	1,104	47.9
1,050	1,045	1,056	1,096	1,154	49.6
1,100	1,095	1,106	1,146	1,204	51.3
1,150	1,145	1,156	1,196	1,254	53.0
1,200	1,195	1,206	1,246	1,304	54.7

Other dimensions available on request.

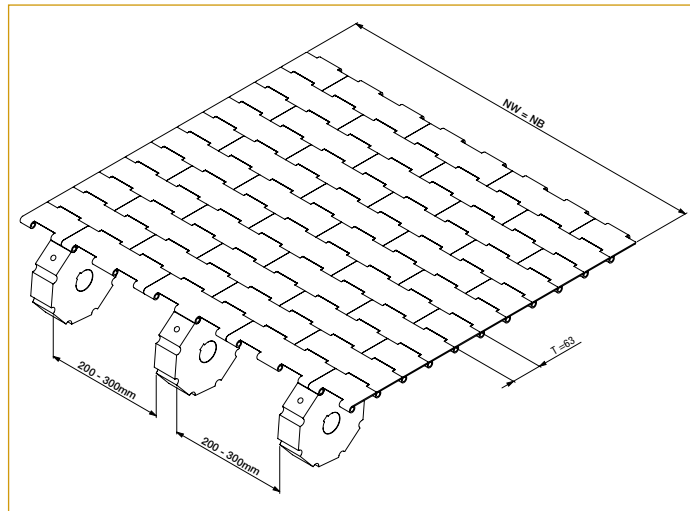
Dimensions of the version with side wings and drive chains with inner width 25 mm



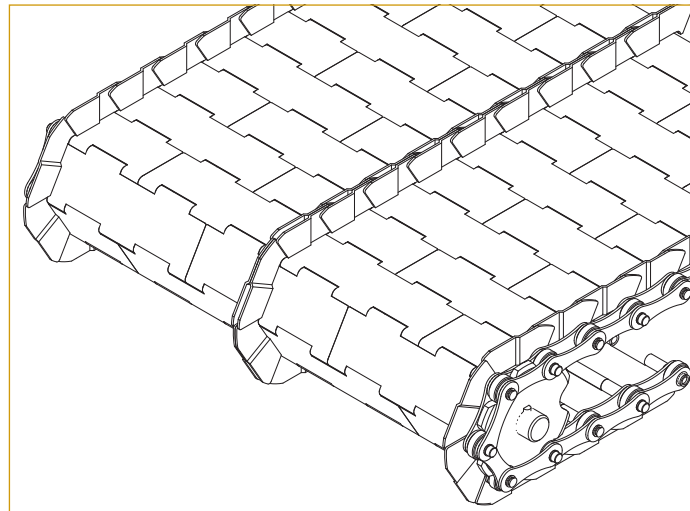
NW mm	NB mm	B1 mm	B2 mm	B3 mm	Weight
Nominal width*	Working width	Outside width	Centre distance of chains	Total width	kg/meter
Tolerance ± 3.0 mm	Tolerance ± 3.0 mm	Tolerance ± 3.0 mm	Adjustment dimension	Tolerance ± 3.0 mm	
200	195	206	258	323	27.4
250	245	256	308	373	29.1
300	295	306	358	423	30.8
350	345	356	408	473	32.8
400	395	406	458	523	34.2
450	445	456	508	573	35.9
500	495	506	558	623	37.6
550	545	556	608	673	39.2
600	595	606	658	723	41.0
650	645	656	708	773	42.7
700	695	706	758	823	44.4
750	745	756	808	873	46.1
800	795	806	858	923	47.8
850	845	856	908	973	49.5
900	895	906	958	1,023	51.2
950	945	956	1,008	1,073	52.9
1,000	995	1,006	1,058	1,123	54.6
1,050	1,045	1,056	1,108	1,173	56.3
1,100	1,095	1,106	1,158	1,223	58.0
1,150	1,145	1,156	1,208	1,273	59.7
1,200	1,195	1,206	1,258	1,323	61.4

Other dimensions available on request.

Hinged steel belt without side wings and chain Dimensions available on request



Multi-track Dimensions on request

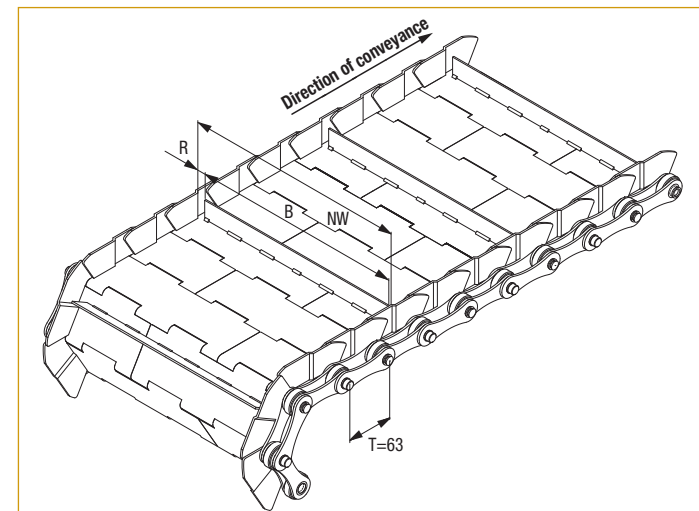
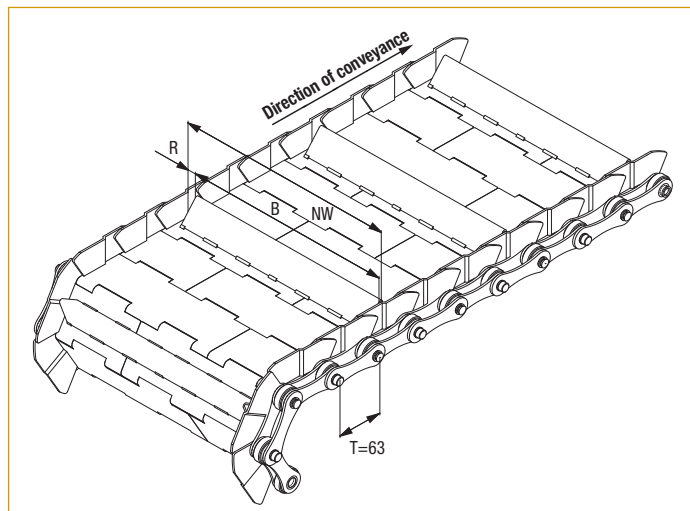


Standard profile carriers

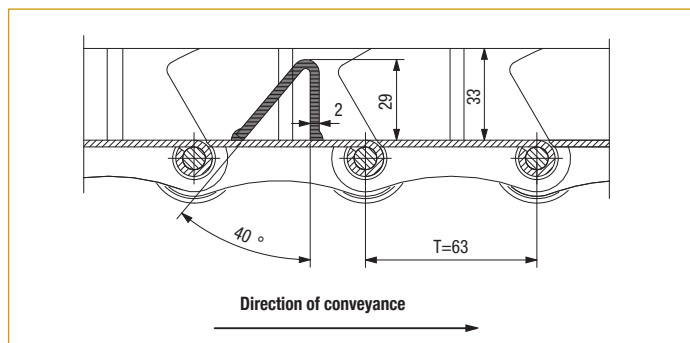
NW = Nominal width
 B = Carrier length = NW - 20 mm
 R = Edge clearance = 10 mm

Flat steel carriers

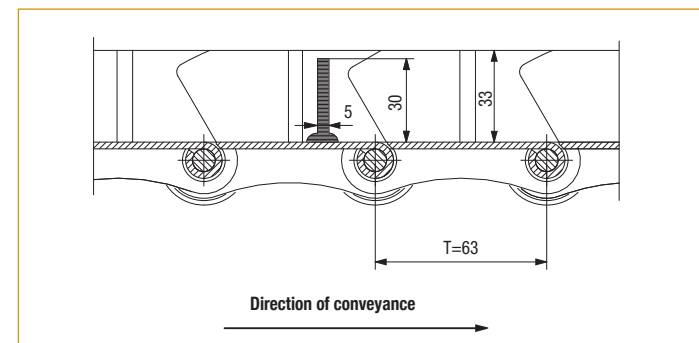
Size (height x thickness in mm):
 30 x 5 | 40 x 5 | 50 x 5 | 60 x 5



Section through a profile steel carrier



Section through a flat steel carrier

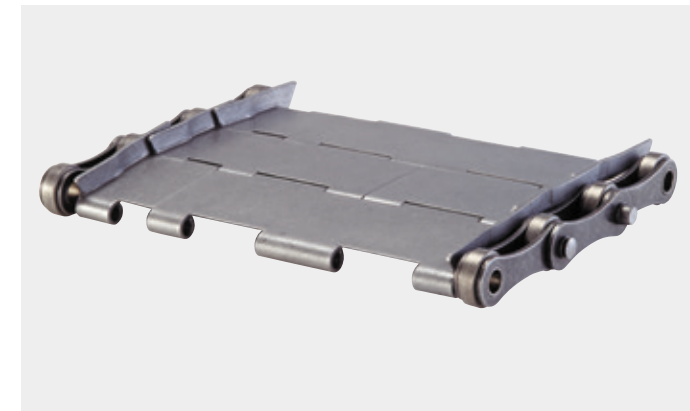


Other carrier shapes such as angled or flat steel are also available.

Carrier welded up to NW1500

Hinged Steel Belt with side wings

Side wing height 12 mm
 Dimensions for smaller installation conditions available on request



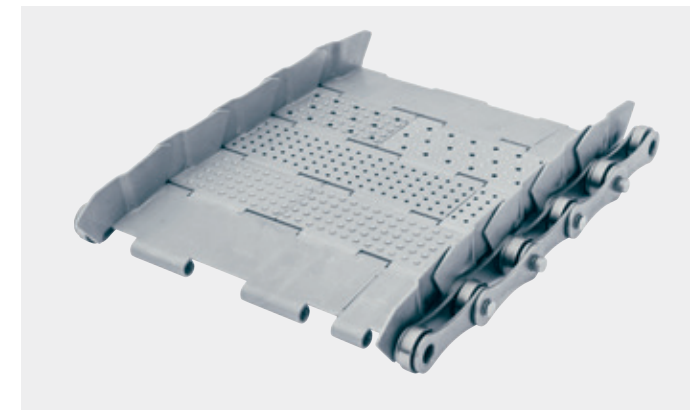
Hinged Steel Belt with rounded side wings

Extra-strong rounded side wings, side wing height 31.5 mm



Hinged Steel Belt with standard side wings

With dimpled, perforated, flat or perforated and dimpled hinges



Hollow pin chain inner width 10

Steel
Hollow pin bore diameter Ø 8.1 mm
Roller Ø 30 mm
Breaking load FB min. 50,000 N



Chain lock inner width 10 to hollow pin chain

Steel



Hollow pin chain inner width 15

Steel
Hollow pin bore diameter Ø 8.1 mm
Roller Ø 40 mm
Breaking load FB min. 35,000 N



Chain lock inner width 15 to hollow pin chain

Steel



Hollow pin chain inner width 20

Steel
Hollow pin bore diameter Ø 8.1 mm
Roller Ø 30 mm
Breaking load FB min. 50,000 N



Chain lock inner width 20 to hollow pin chain

Steel



Hollow pin chain inner width 22

Steel
Hollow pin bore diameter Ø 8.1 mm
Roller Ø 40 mm
Breaking load FB min. 46,000 N



Chain lock inner width 22 to hollow pin chain

Steel



Hollow pin chain inner width 25

Steel
Hollow pin bore diameter Ø 8.1 mm
Roller Ø 48 mm
Breaking load FB min. 70,000 N

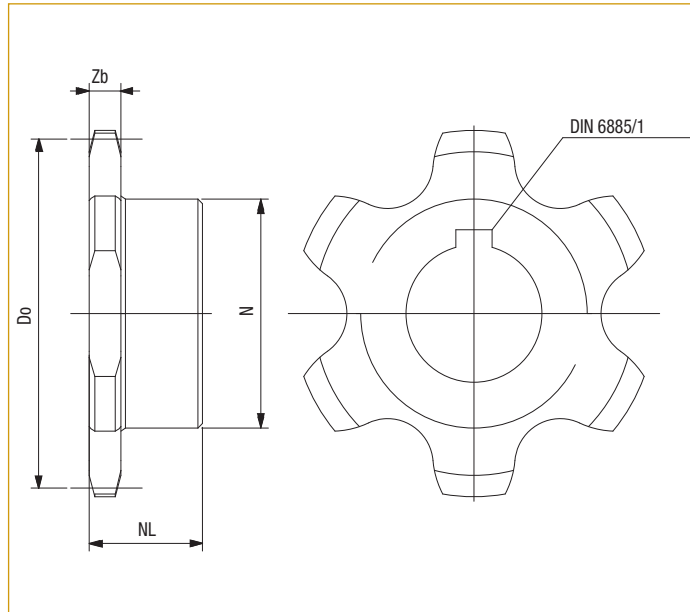


Chain lock inner width 25 to hollow pin chain

Steel



Pitch mm	Inner width	Roller Ø mm	Hollow pin bore Ø mm	Plate width mm	Plate thickness mm	Chain width mm	Breaking load FB min
63	10	30	8.1	26	3	26.5	50,000 N
63	15	40	8.1	26	4	35.5	50,000 N
63	20	30	8.1	26	3	36.5	50,000 N
63	22	40	8.1	30	4	45	46,000 N
63	25	48	8.1	35	5	51.5	70,000 N



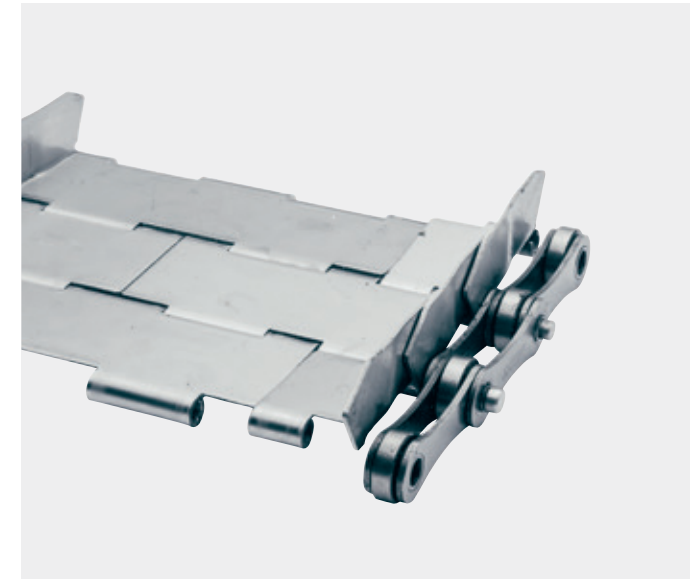
Sprocket z = 6

- T = pitch
- z = number of teeth
- Do = pitch diameter Ø
- N = hub diameter Ø
- NL = hub length
- Zb = tooth width

T mm	z	Do Ø mm	N Ø mm	NL mm	Zb mm	Material	Tooth profile	Bore Ø	Groove
63	6	126	72	28	8,5	C45	DIN 8196	25 H7	DIN 6885/1
63	6	126	72	28	8,5	C45	DIN 8196	25 H7	none
63	6	126	72	28	8,5	C45	DIN 8196	30 H7	DIN 6885/1
63	6	126	72	28	8,5	C45	DIN 8196	30 H7	none
63	8	164.63	72	28	8,5	C45	DIN 8196	30 H7	DIN 6885/1
63	8	164.63	72	28	8,5	C45	DIN 8196	30 H7	none
63	10	203.87	120	50	8,5	C45	DIN 8196	30 H7	DIN 6885/1
63	10	203.87	120	50	8,5	C45	DIN 8196	30 H7	none
63	6	126	72	33	13	C45	DIN 8196	30 H7	DIN 6885/1
63	6	126	72	33	13	C45	DIN 8196	30 H7	none
63	6	126	72	38	18	C45	DIN 8196	30 H7	DIN 6885/1
63	6	126	72	38	18	C45	DIN 8196	30 H7	none
63	10	203.87	120	60	18	C45	DIN 8196	50 H7	DIN 6885/1
63	10	203.87	120	60	18	C45	DIN 8196	50 H7	none
63	6	126	72	40	20	C45	DIN 8196	40 H7	DIN 6885/1
63	6	126	72	40	20	C45	DIN 8196	40 H7	none
63	8	164.63	90	40	20	C45	DIN 8196	40 H7	DIN 6885/1
63	8	164.63	90	40	20	C45	DIN 8196	40 H7	none
63	13	263.25	120	65	23	C45	DIN 8196	60 H7	DIN 6885/1
63	13	263.25	120	65	23	C45	DIN 8196	60 H7	none

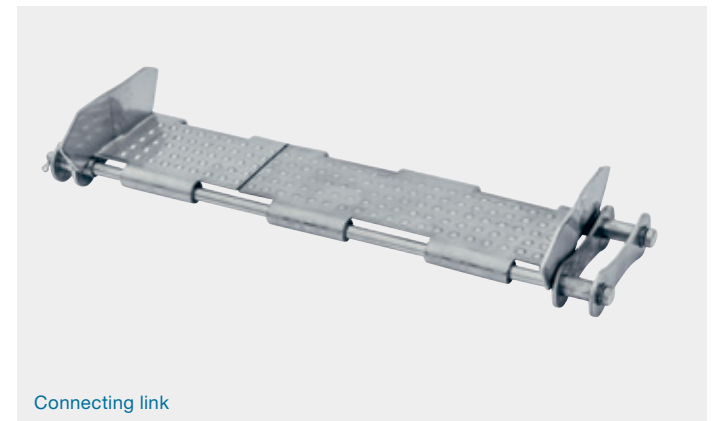
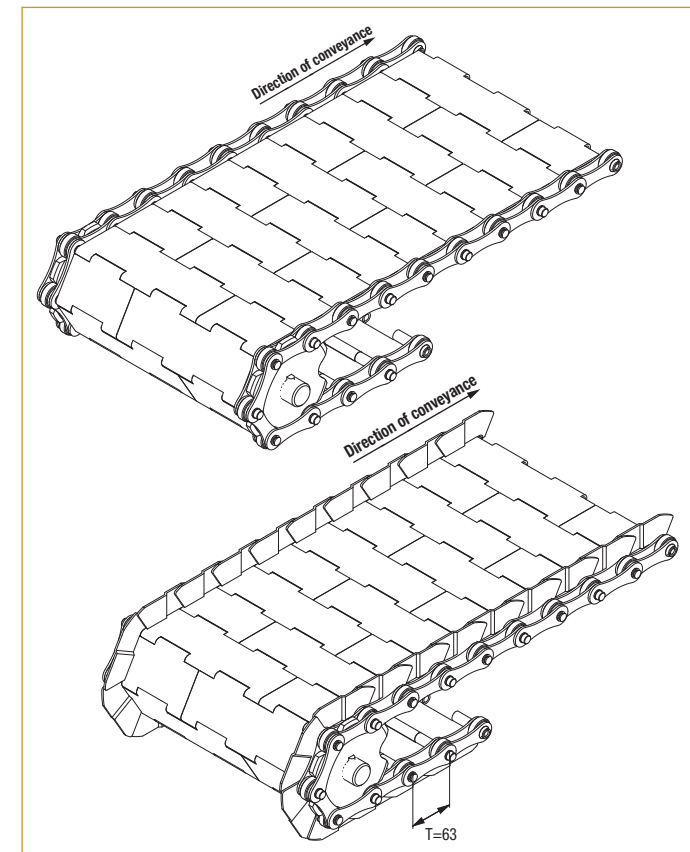
Other dimensions available on request.

The corrosion-free hinged steel belts for applications where high demands are placed on the material

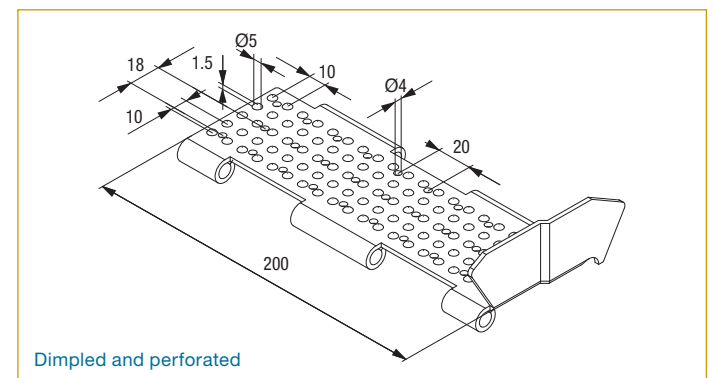


At a glance

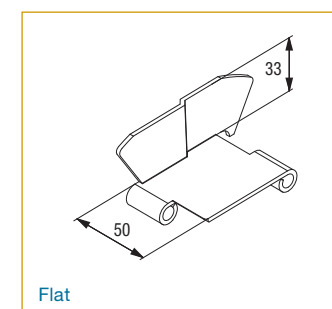
- Nominal widths from 200 to 3,000 mm
- Hinges flat, perforated, dimpled, dimpled/perforated
- Hinge thickness 2.5 mm
- Hinges mounted in assembly
- Max. gap width 0.7 mm
- Side wing height 33 mm
- Minimum deflection radius upwards 250 mm
- Drive chain inner width 10 mm
- Rollers Ø 30 mm
- Breaking load of each chain 30,000 N
- Maximum operating temperature 300° C
- Also available as stainless steel version with steel chains
- CAD model available on request



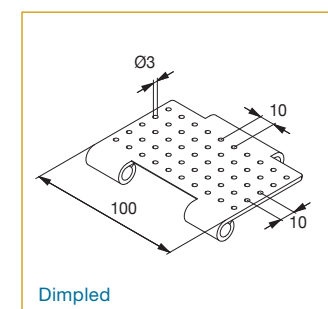
Connecting link



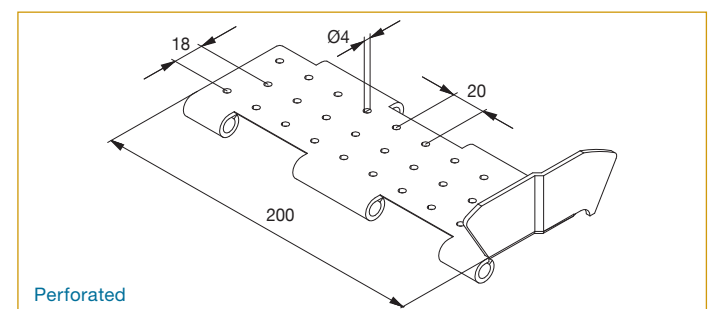
Dimpled and perforated



Flat



Dimpled



Perforated

Hollow pin chain inner width 10

Stainless steel
Hollow pin bore diameter Ø 8.1 mm
Roller Ø 30 mm
Breaking load FB min. 30,000 N

Chain lock inner width 10 to hollow pin chain

Stainless steel

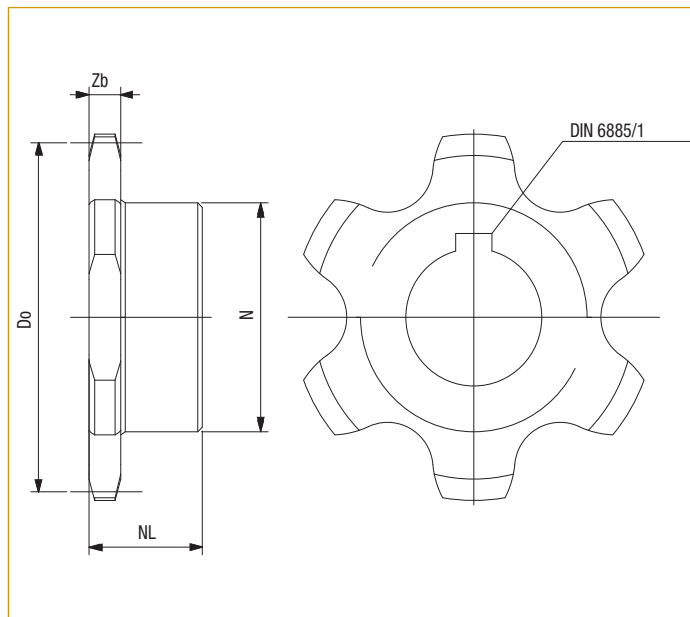


Hollow pin chain



Spring clip connection link

Pitch mm	Inner width mm	Roller Ø mm	Hollow pin bore Ø mm	Plate width mm	Plate thickness mm	Chain width mm	Breaking load FB min
63	10	30	8.1	26	3	26.5	30,000 N



Sprocket z = 6

T = pitch
z = number of teeth
Do = pitch diameter Ø
N = hub diameter Ø
NL = hub length
Zb = tooth width

T mm	z	Do Ø mm	N Ø mm	NL mm	Zb mm	Material	Tooth profile	Bore Ø	Groove
63	6	126	72	28	8.5	1,4301	DIN 8196	25 H7	DIN 6885/1
63	6	126	72	28	8.5	1,4301	DIN 8196	25 H7	none
63	6	126	72	28	8.5	1,4301	DIN 8196	30 H7	DIN 6885/1
63	6	126	72	28	8.5	1,4301	DIN 8196	30 H7	none
63	8	164.63	72	28	8.5	1,4301	DIN 8196	30 H7	DIN 6885/1
63	8	164.63	72	28	8.5	1,4301	DIN 8196	30 H7	none
63	10	203.87	120	50	8.5	1,4301	DIN 8196	30 H7	DIN 6885/1
63	10	203.87	120	50	8.5	1,4301	DIN 8196	30 H7	none

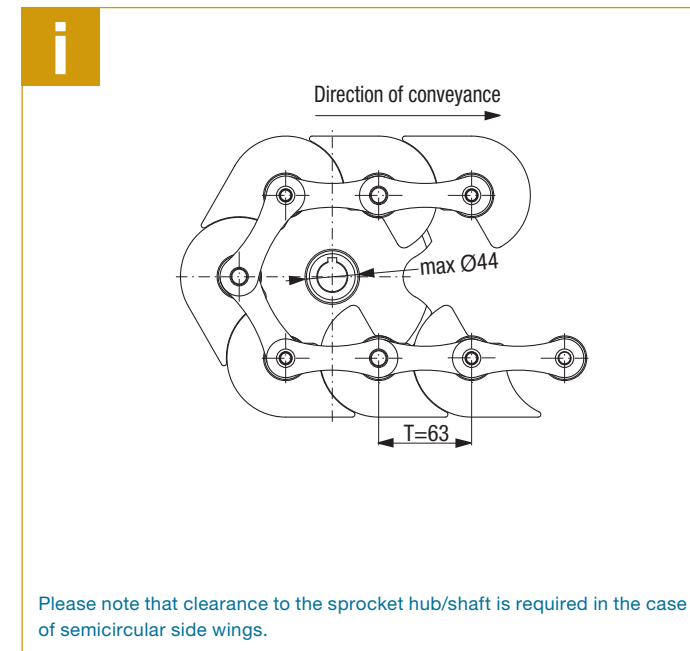
Other dimensions available on request.

For applications in the steel industry, for transport of hot or cold formed castings and forgings, bolts, metal components and for the transport of waste and scrap



At a glance

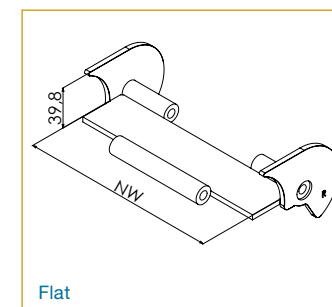
- Welded construction
- Nominal widths from 200 to 2,000 mm
- Hinges flat, dimpled and perforated
- Hinge thickness 4 mm, 5 mm, 6 mm, 8 mm and 10 mm
- Max. gap width 1.5 mm
- Side wing height 39.8 mm
- Minimum deflection radius upwards 150 mm
- Rollers Ø 30 mm
- Breaking load of each chain 50,000 N for inner width 10 and inner width 20
- Maximum operating temperature 300° C
- CAD model available on request
- Nominal width grid 10 mm
- One-piece hinges up to NW 1,500



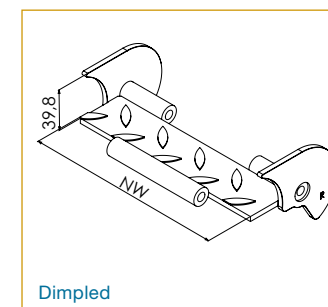
Please note that clearance to the sprocket hub/shaft is required in the case of semicircular side wings.



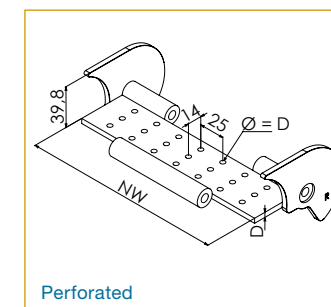
Connecting link



Flat

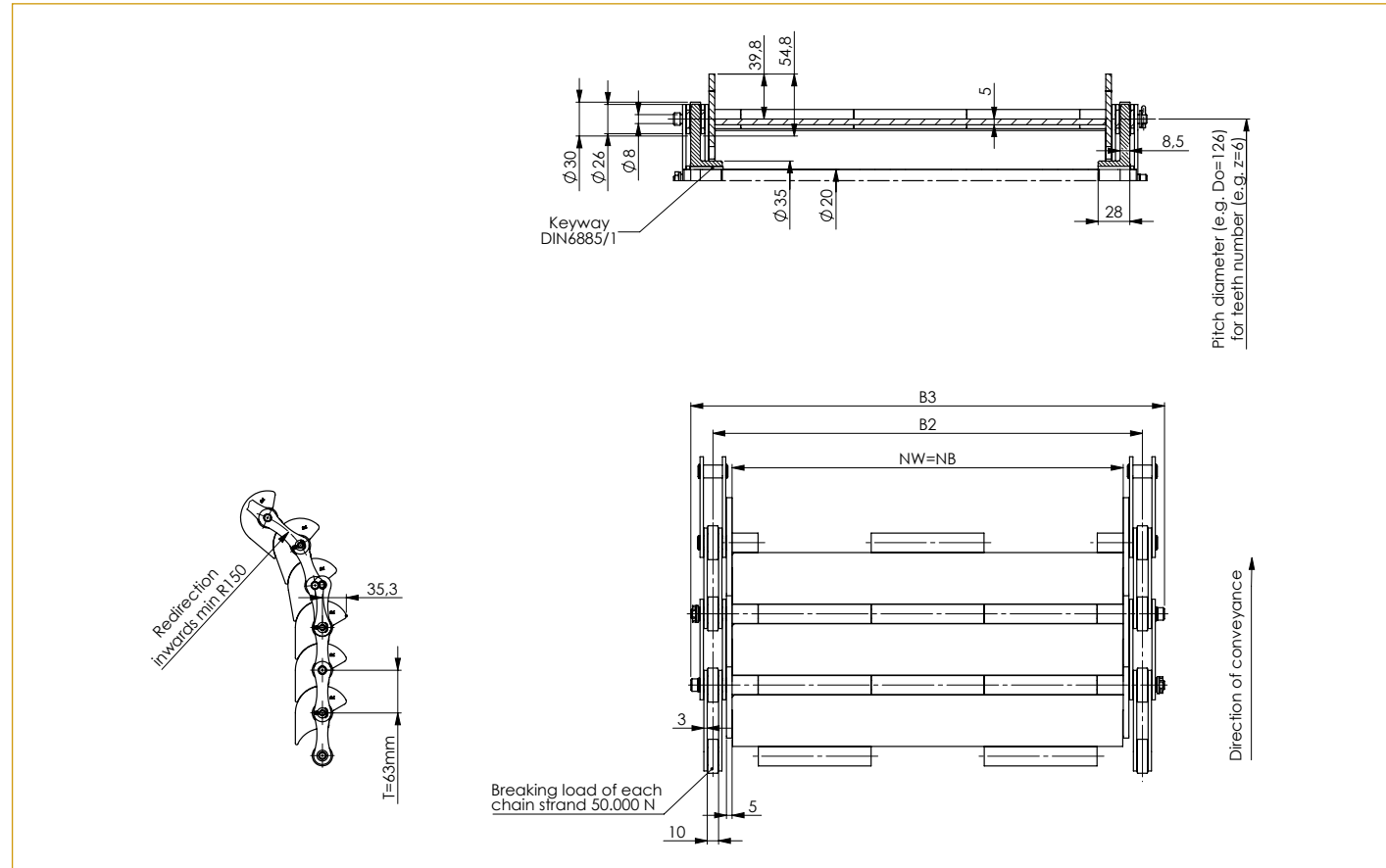


Dimpled



Perforated

Dimensions of the version with side wings and drive chains with inner width 10 mm *

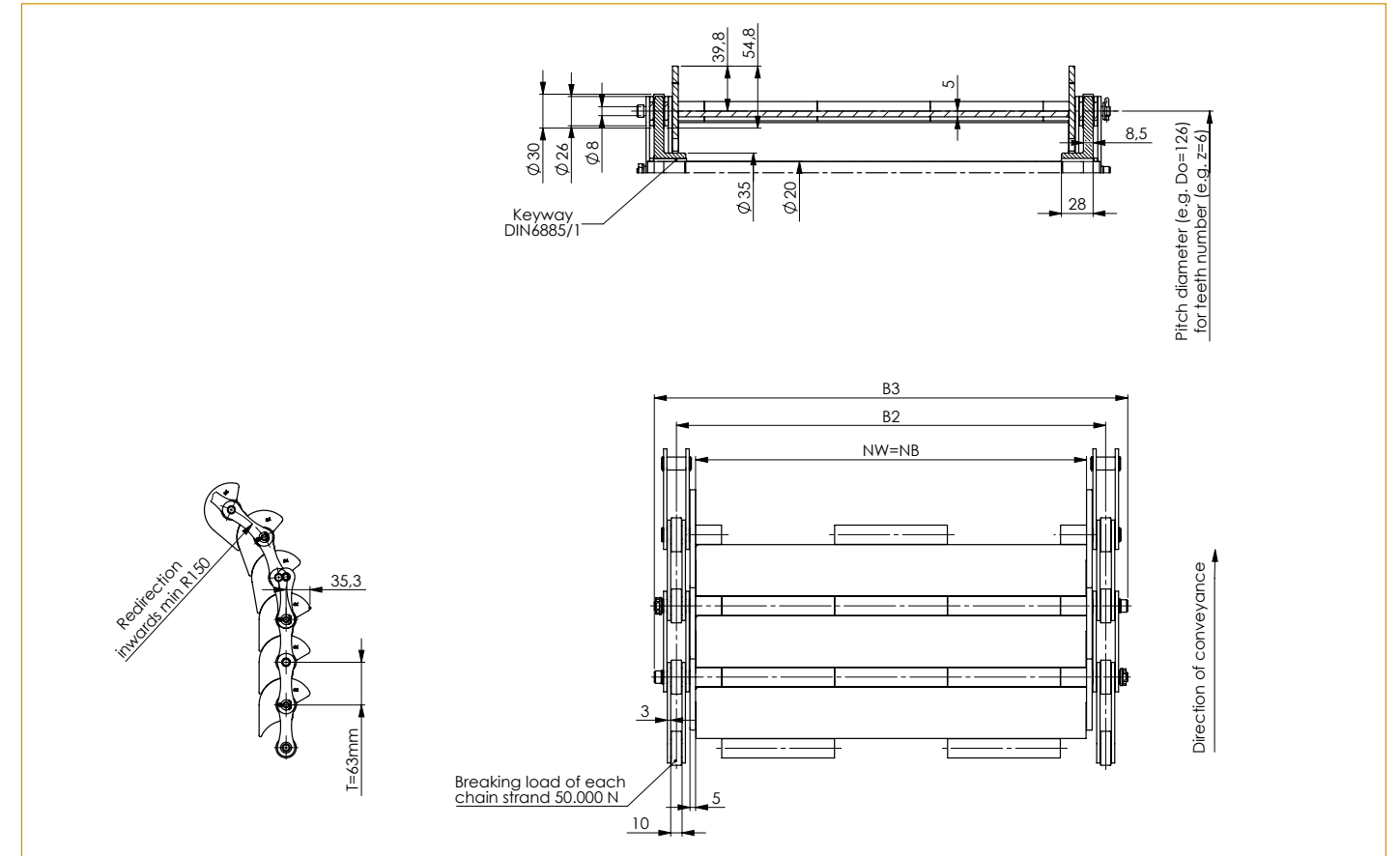


NW mm	NB mm	B1 mm	B2 mm	B3 mm	Weight
Nominal width*	Working width	Outside width	Centre distance of chains	Total width	kg/meter
Tolerance ± 3.0 mm	Tolerance ± 3.0 mm	Tolerance ± 3.0 mm	Adjustment dimension	Tolerance ± 3.0 mm	
200	196	206	230	271	19.9
250	246	256	280	321	22.7
300	296	306	330	371	25.4
350	346	356	380	421	28.2
400	396	406	430	471	31
450	446	456	480	521	33.7
500	496	506	530	571	36.5
550	546	556	580	621	39.3
600	596	606	630	671	42
650	646	656	680	721	44.8
700	696	706	730	771	47.6
750	746	756	780	821	50.3
800	796	806	830	871	53.1
850	846	856	880	921	55.8
900	896	906	930	971	58.6
950	946	956	980	1.021	61.4
1,000	996	1,006	1,030	1.071	64.1
1,050	1,046	1,056	1,080	1.121	66.9
1,100	1,096	1,106	1,130	1.171	69.7
1,150	1,146	1,156	1,180	1.221	72.4
1,200	1,196	1,206	1,230	1.271	75.2

Other dimensions available on request.

* on request with a inner width of 22 mm or inner width of 25 mm.

Dimensions of the version with side wings and drive chains with inner width 20 mm *

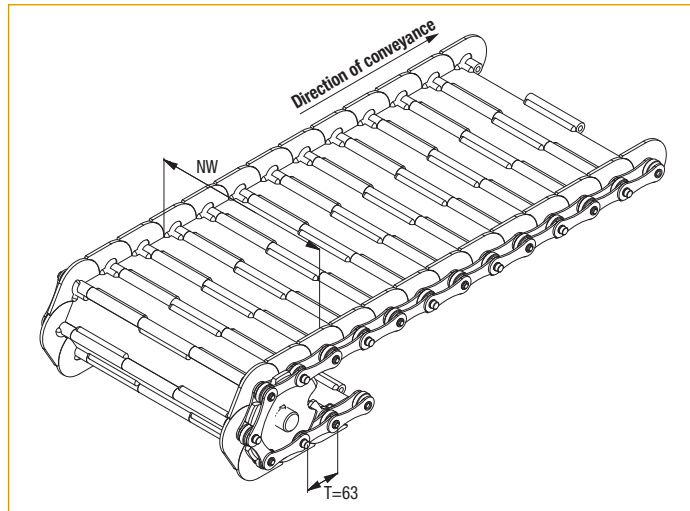


NW mm	NB mm	B1 mm	B2 mm	B3 mm	Weight
Nominal width*	Working width	Outside width	Centre distance of chains	Total width	kg/meter
Tolerance ± 3.0 mm	Tolerance ± 3.0 mm	Tolerance ± 3.0 mm	Adjustment dimension	Tolerance ± 3.0 mm	
200	196	206	240	291	21.5
250	246	256	290	341	24.3
300	296	306	340	391	27.1
350	346	356	390	441	29.8
400	396	406	440	491	32.6
450	446	456	490	541	35.4
500	496	506	540	591	38.1
550	546	556	590	641	40.9
600	596	606	640	691	43.7
650	646	656	690	741	46.4
700	696	706	740	791	49.2
750	746	756	790	841	51.9
800	796	806	840	891	54.7
850	846	856	890	941	57.5
900	896	906	940	991	60.2
950	946	956	990	1.041	63.0
1,000	996	1,006	1,040	1.091	65.8
1,050	1,046	1,056	1,090	1.141	68.5
1,100	1,096	1,106	1,140	1.191	71.3
1,150	1,146	1,156	1,190	1.241	74.1
1,200	1,196	1,206	1,240	1.291	76.8

Other dimensions available on request.

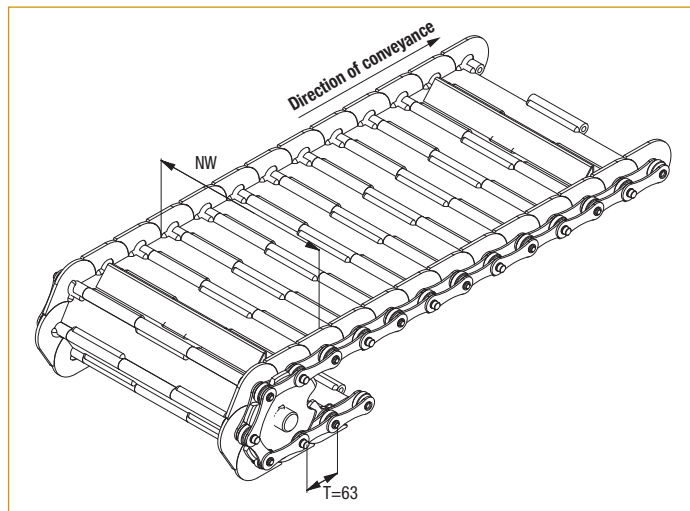
* on request with a inner width of 22 mm or inner width of 25 mm.

Hinged steel belt without side wings

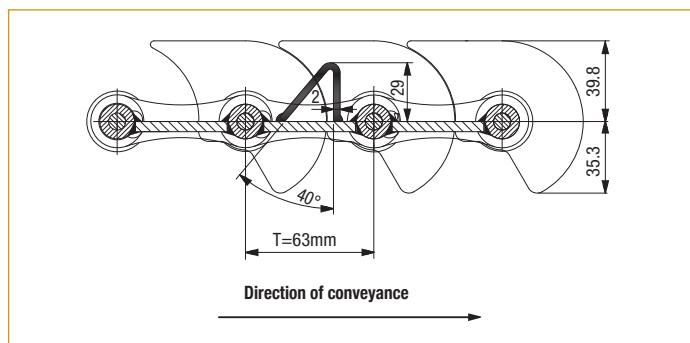


Standard profile carriers

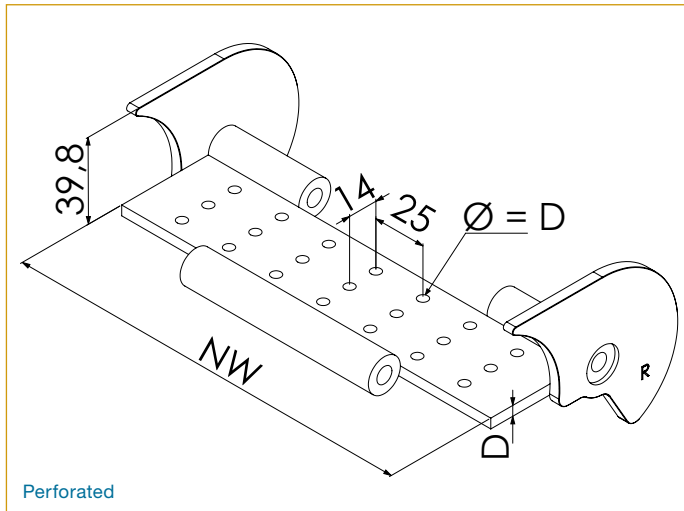
- NW = nominal width
- B = carrier length = NW - 20 mm
- R = edge clearance = 10 mm



Section through the profile steel carrier 29x40° x 2

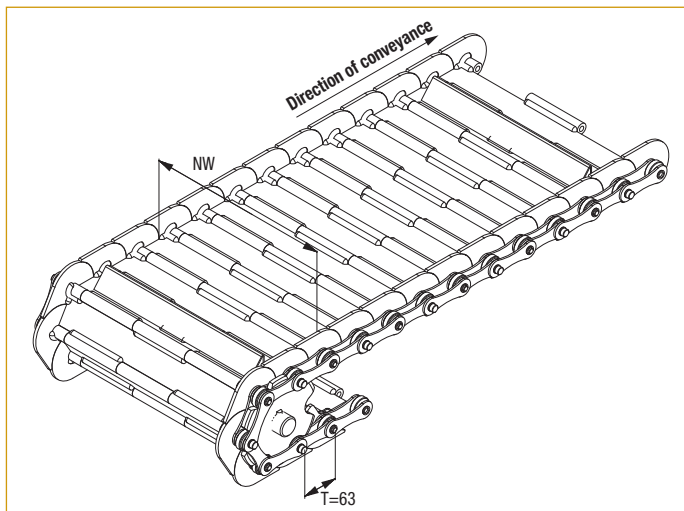


Other carrier shapes such as angled or flat steel are also available.

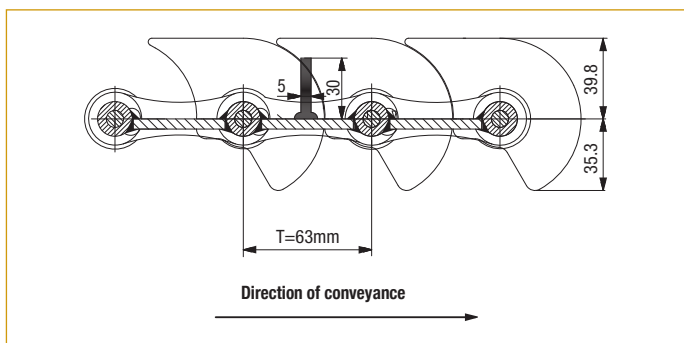


Flat steel carriers

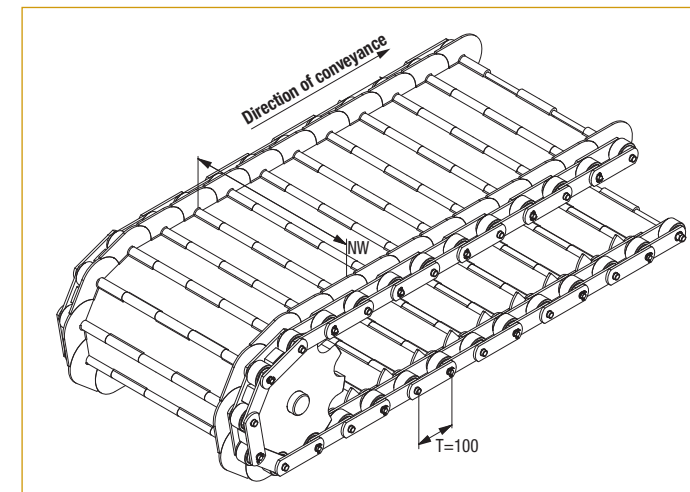
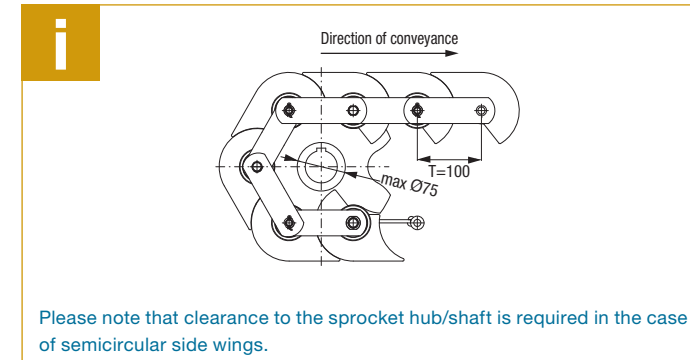
- Size (height x thickness in mm):
- 30 x 5 | 50 x 8 | 60 x 8 | 70 x 10 | 80 x 10



Section through the flat steel carrier

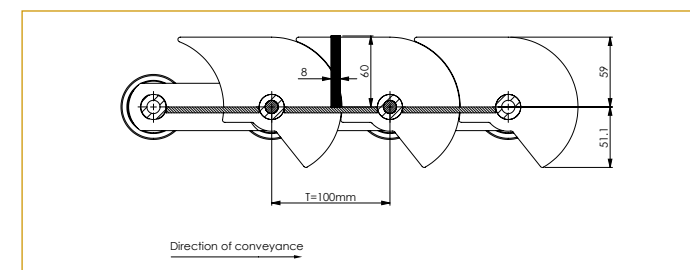


Carrier welded up to NW 1,500



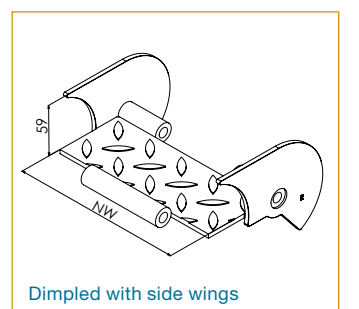
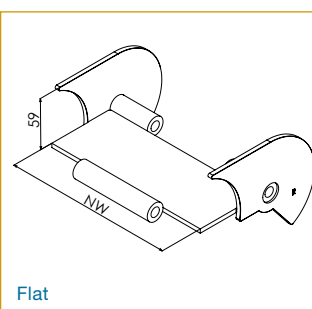
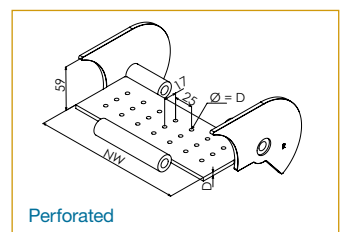
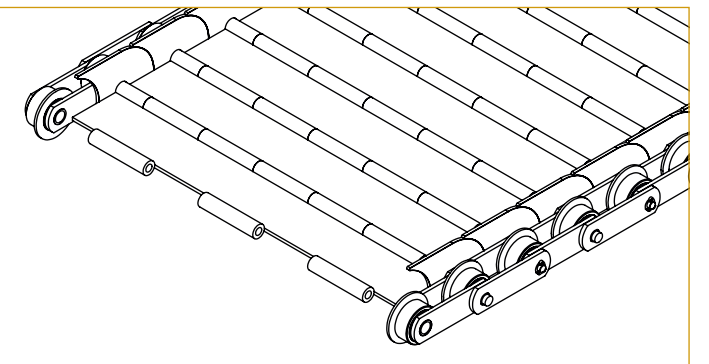
Flat steel carriers

- Dimensions (height x thickness in mm):
- 50 x 8 | 60 x 8 | 70 x 10 | 80 x 10
- Carrier welded up to NW 1,500

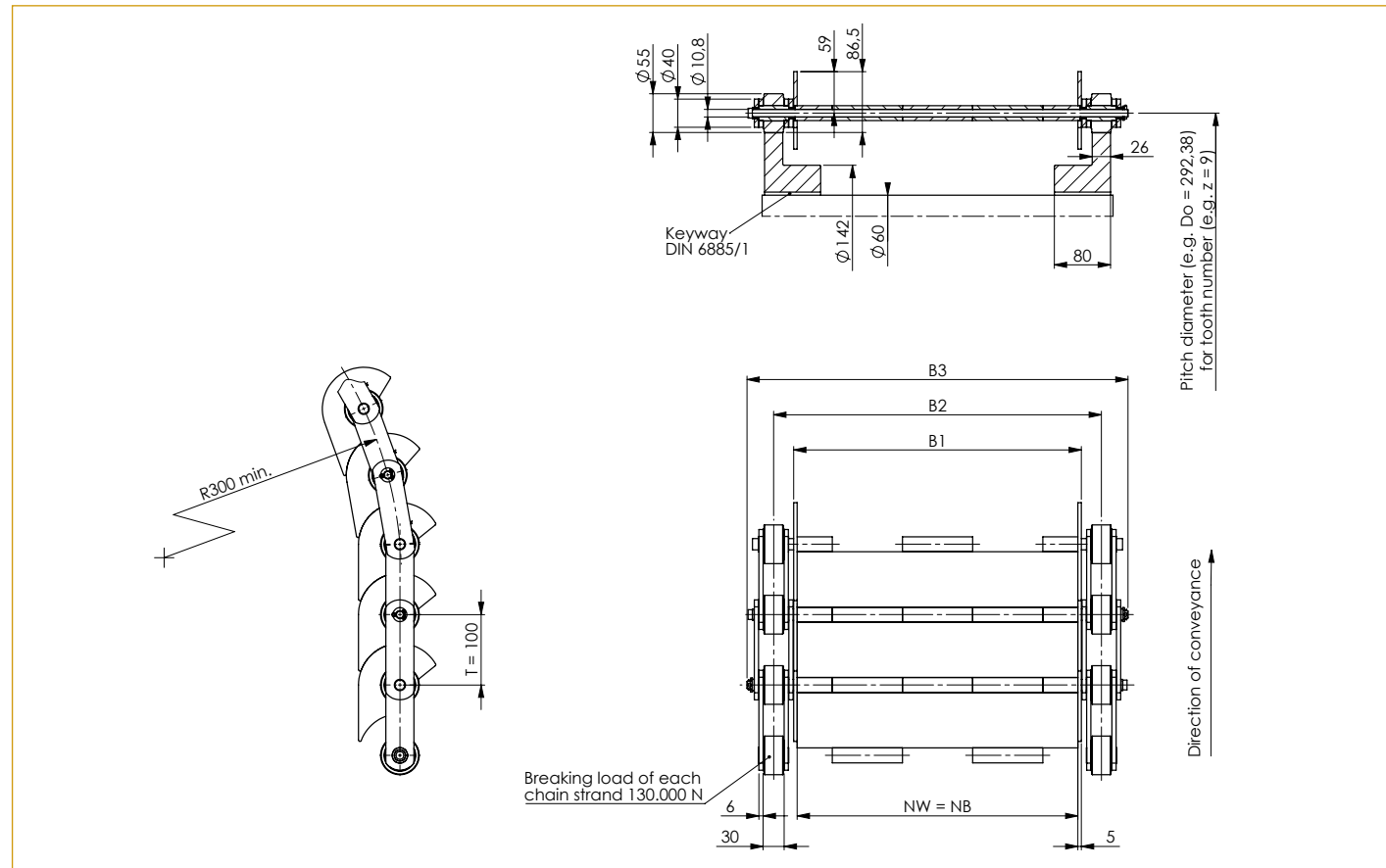


At a glance

- Nominal widths from 100 to 2,000 mm
- Hinges flat, dimpled, perforated
- Hinge thickness 4 mm, 5 mm, 6 mm, 8 mm and 10 mm
- One-piece hinges up to NW 1,500
- Max. gap width 1.5 mm
- Side wing height 59 mm
- Minimum deflection radius upwards 300 mm
- Drive chain inner width 30 mm
- Rollers Ø 55 mm
- Breaking load of each chain 130,000 N
- Maximum operating temperature 300° C
- CAD model available on request
- Nominal width grid 10 mm



Dimensions of the version with side wings and drive chains with inner width 30 mm



NW mm	NB mm	B1 mm	B2 mm	B3 mm	Weight
Nominal width*	Working width	Outside width	Centre distance of chains	Total width	kg/meter
Tolerance ± 3.0 mm	Tolerance ± 3.0 mm	Tolerance ± 3.0 mm	Adjustment dimension	Tolerance ± 3.0 mm	
200	200	210	267	340	39.4
250	250	260	317	390	42.4
300	300	310	367	440	45.5
350	350	360	417	490	48.5
400	400	410	467	540	51.5
450	450	460	517	590	54.5
500	500	510	567	640	57.6
550	550	560	617	690	60.6
600	600	610	667	740	63.6
650	650	660	717	790	66.6
700	700	710	767	840	69.6
750	750	760	817	890	72.7
800	800	810	867	940	75.7
850	850	860	917	990	78.7
900	900	910	967	1,040	81.7
950	950	960	1,017	1,090	84.8
1,000	1,000	1,010	1,067	1,140	87.8
1,050	1,050	1,060	1,117	1,190	90.8
1,100	1,100	1,110	1,167	1,240	93.8
1,150	1,150	1,160	1,217	1,290	96.9
1,200	1,200	1,210	1,267	1,340	99.9

Other dimensions available on request.

Drive chains and sprockets

Hollow pin chain inner width 30

Steel
Hollow pin bore diameter Ø 11.2 mm
Roller Ø 55 mm
Breaking load FB min. 130,000 N



Hollow pin chain

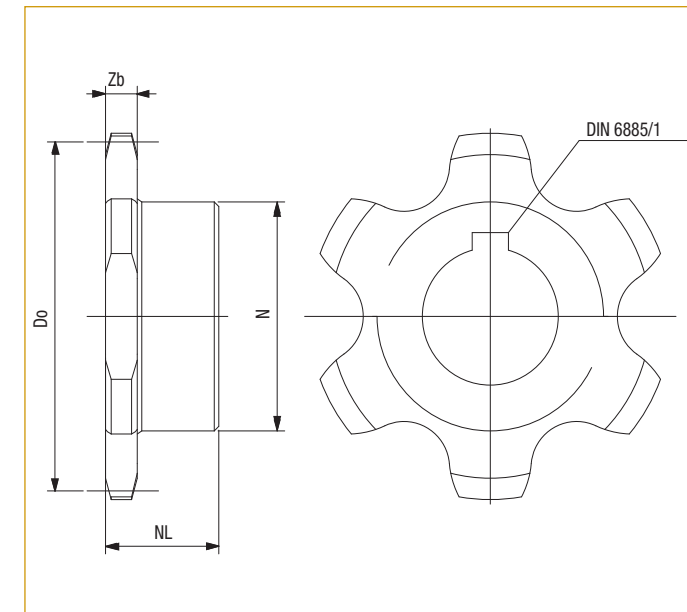
Chain lock inner width 30 to hollow pin chain

Steel



Chain lock

Pitch mm	Inner width mm	Roller Ø mm	Hollow pin bore Ø mm	Plate width mm	Plate thickness mm	Chain width mm	Breaking load FB min
100	30	55	11.2	40	6	62	130,000 N
100	30	R55/72	11.2	40	6	60	105,000 N



Sprocket z = 9

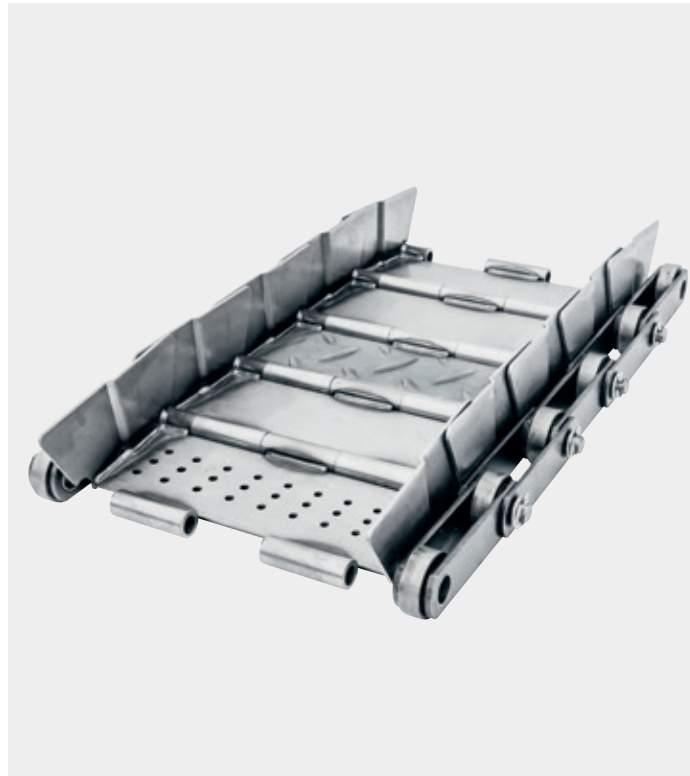
T = pitch
z = number of teeth
Do = pitch diameter Ø
N = hub diameter Ø
NL = hub length
Zb = tooth width

T mm	z	Do Ø mm	N Ø mm	NL mm	Zb mm	Material	Tooth profile	Bore Ø	Groove
100	6	200	80	80	26	C45	DIN 8196	50 H7	DIN 6885/1
100	9	292.38	145	80	26	C45	DIN 8196	50 H7	DIN 6885/1
100	9	292.38	145	80	26	C45	DIN 8196	50 H7	none
100	9	292.38	145	80	26	C45	DIN 8196	60 H7	DIN 6885/1
100	9	292.38	145	80	26	C45	DIN 8196	60 H7	none

Other dimensions available on request.

Rights to make technical changes in the interests of further development reserved.

For applications in the steel industry, for transport of converted hot or cold castings and forgings and for the transport of waste and scrap

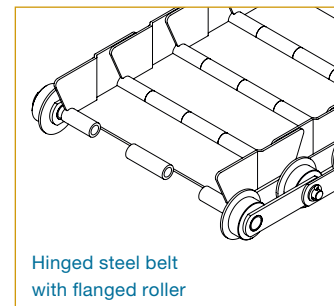
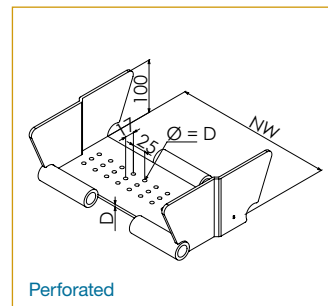
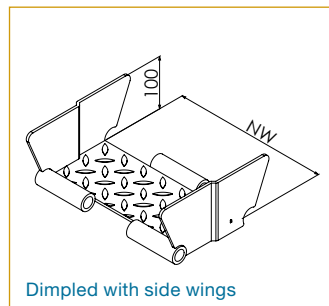
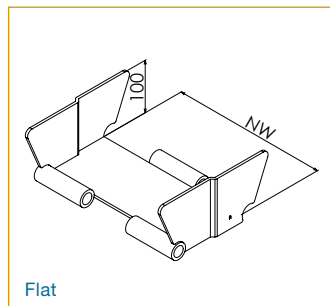
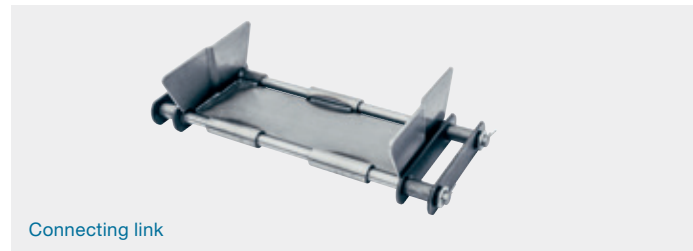
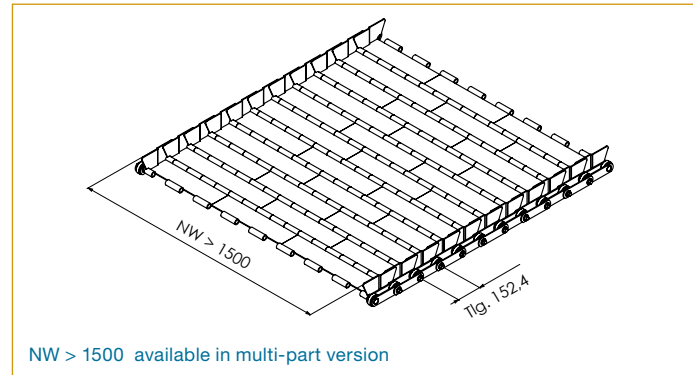
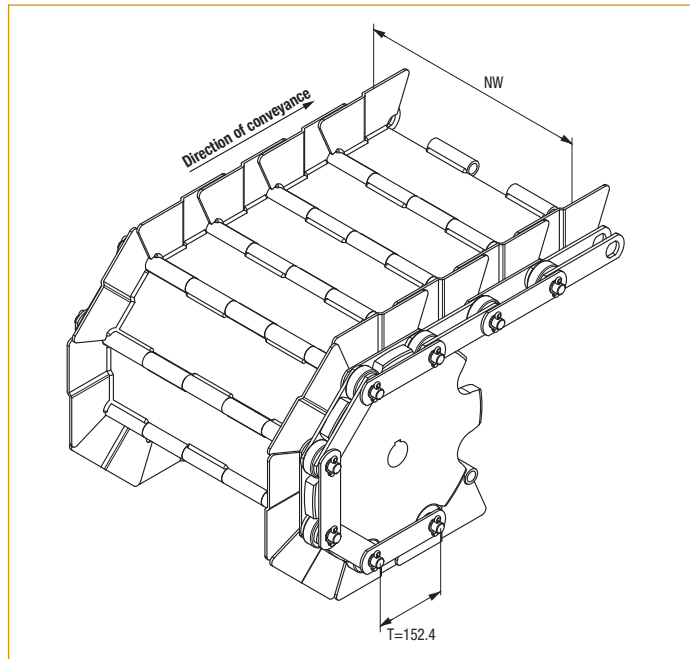
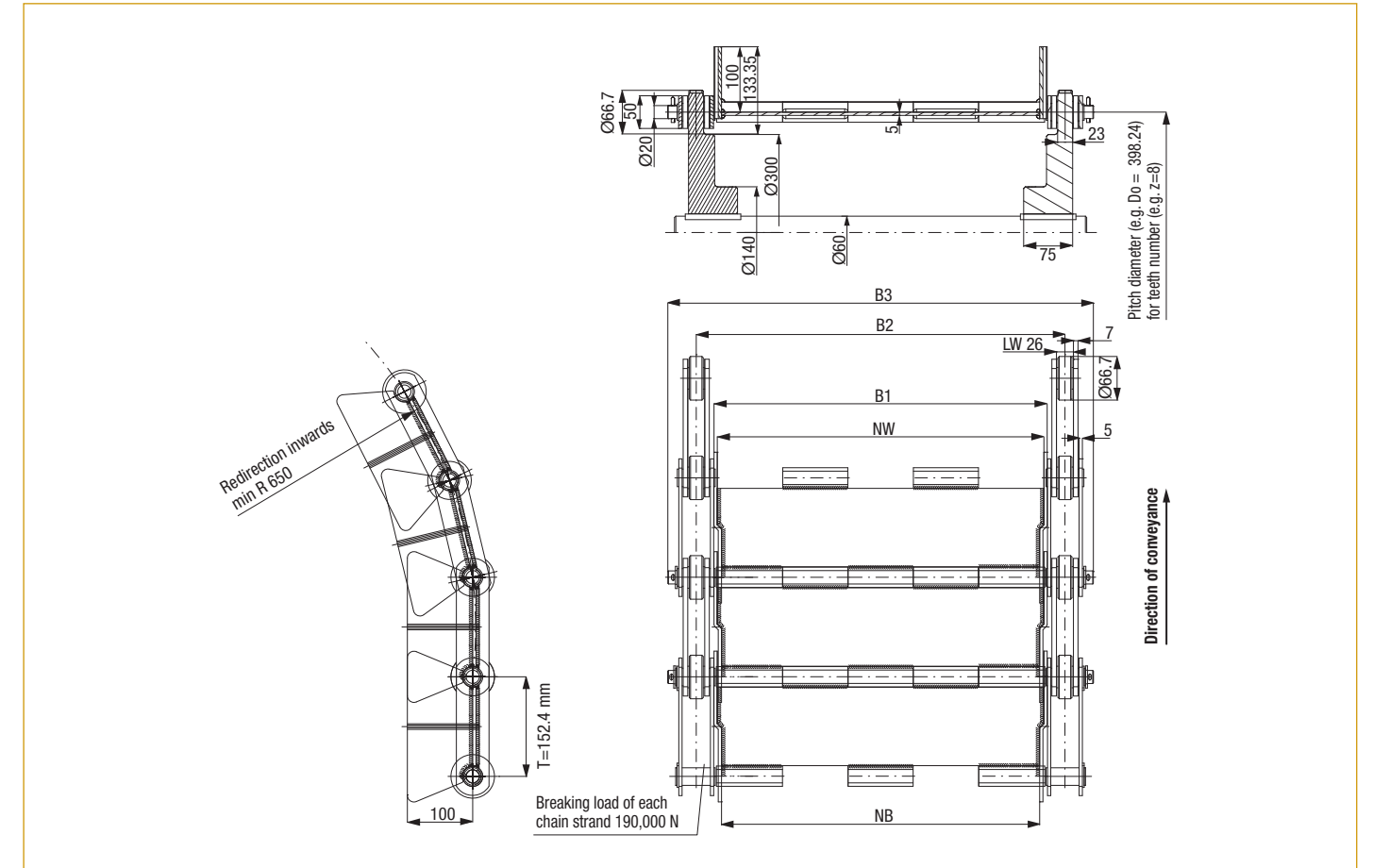


At a glance

- Welded construction
- Nominal widths from 200 to 1,500 mm
- Hinges flat, dimpled, perforated
- Hinge thickness 4 mm, 5 mm, 6 mm, 8 mm and 10 mm
- Hinges single piece throughout up to NW 1,500
- Max. gap width 1.5 mm
- Side wing height 100 mm
- Minimum deflection radius upwards 650 mm
- Drive chain inner width 26 mm
- Rollers Ø 66.7 mm
- Breaking load of each chain 190,000 N
- Maximum operating temperature 300° C
- Nominal width grid 10 mm
- CAD model available on request



Dimensions of the version with side wings and drive chains with inner width 26 mm



NW mm	NB mm	B1 mm	B2 mm	B3 mm	Weight
Nominal width*	Working width	Outside width	Centre distance of chains	Total width	kg/meter
Tolerance ± 3.0 mm	Tolerance ± 3.0 mm	Tolerance ± 3.0 mm	Adjustment dimension	Tolerance ± 3.0 mm	
200	187	210	265	351	46.6
250	237	260	315	401	50.1
300	287	310	365	451	53.6
350	337	360	415	501	57.1
400	387	410	465	551	60.6
450	437	460	515	601	64.2
500	487	510	565	651	67.7
550	537	560	615	701	71.2
600	587	610	665	751	74.7
650	637	660	715	801	78.2
700	687	710	765	851	81.7
750	737	760	815	901	85.2
800	787	810	865	951	88.7
850	837	860	915	1,001	92.2
900	887	910	965	1,051	95.7
950	937	960	1,015	1,101	99.2
1,000	987	1,010	1,065	1,151	102.7
1,050	1,037	1,060	1,115	1,201	106.2
1,100	1,087	1,110	1,165	1,251	109.7
1,150	1,137	1,160	1,215	1,301	113.2
1,200	1,187	1,210	1,265	1,351	116.7

Other dimensions available on request.

Rights to make technical changes in the interests of further development reserved.

Hollow pin chain inner width 26

Steel
Hollow pin bore diameter Ø 20.2 mm
Roller Ø 66.7 mm
Breaking load FB min. 190,000 N



Hollow pin chain

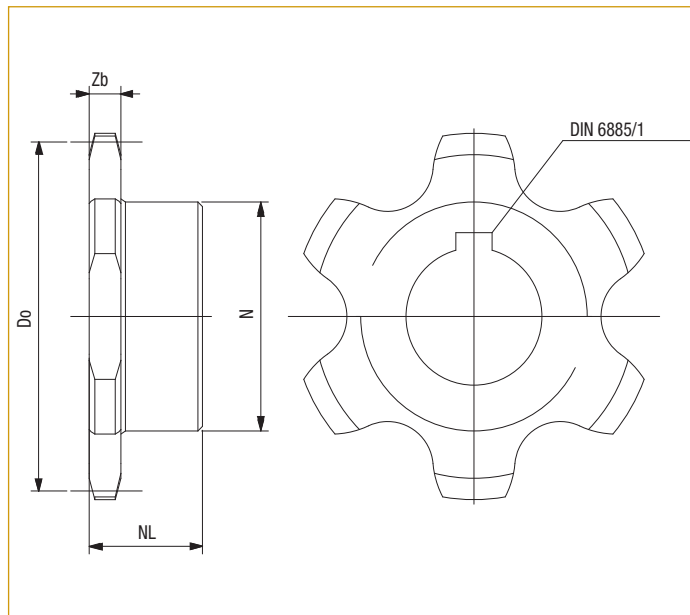
Chain lock inner width 26 to hollow pin chain

Steel



Chain lock

Pitch mm	Inner width	Roller Ø mm	Hollow pin bore Ø mm	Plate width mm	Plate thickness mm	Chain width mm	Breaking load FB min
152.4	26	66.7	20.2	50	5/7	57.7	190,000 N
152.4	40	R80/105	20.2	50	5/7	71.5	190,000 N

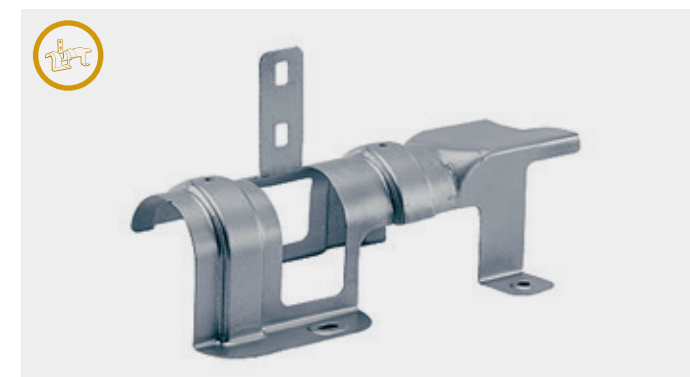
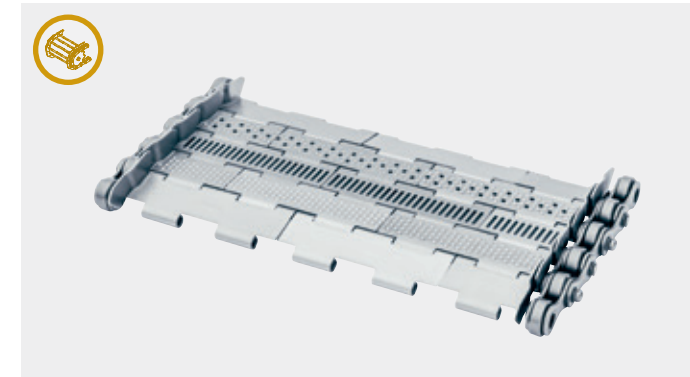


Sprocket z = 8

- T = pitch
- z = number of teeth
- Do = pitch diameter Ø
- N = hub diameter Ø
- NL = hub length
- Zb = tooth width

T mm	z	Do Ø mm	N Ø mm	NL mm	Zb mm	Material	Tooth profile	Bore Ø	Groove
152.4	8	398.24	140	75	23	C45	DIN 8196	60 H7	DIN 6885/1
152.4	8	398.24	140	75	23	C45	DIN 8196	60 H7	none

Other dimensions available on request.



Moving dependably

Allert hinged steel belts bring the production cycle into movement. Smooth transport of conveyed goods into and out of equipment, and between equipment and sub-processes is child's play for our individually tailored conveyors. They are extremely hard-wearing, wear-resistant and precision made and assembled in Germany. Our hinged steel belts are available in various pitches and versions, for a wide range of applications.

Holding securely

Allert connectors are used in many sectors of industry for reliable fastening. For over five decades we have been developing fastening elements for assembly of hoses, pipes and cables. We produce these elements to the customer's individual requirements, always to cost-optimized designs and to state-of-the-art technology. Our products are rust- and acid-resistant, and offer impressive vibration- and sound-damping characteristics, coupled with low weight for applications demanding high tensile strength and temperature resistance.

Stamped and bent parts

Our state-of-the-art machinery enables us to develop a variety of stamped and bent parts exactly to your specifications. Materials with differing thicknesses and properties can be selected to suit your requirements. Superior quality is maintained at all times, even where extremely large quantities are involved. This level of reliability and flexibility has made us a much sought-after partner for many years now in innumerable industrial sectors.

KURT ALLERT GMBH & CO. KG

P.O. BOX 1160 · AUSTRASSE 36
D-78727 OBERNDORF A.N.

TEL. +49 7423 8770-0

FAX +49 7423 8770-87

MAIL INFO.ALLERT@OETIKER.COM

WEB WWW.ALLERT.COM

AN OETIKER GROUP COMPANY
