BROEKEMA
Conveyor Belts

PRODUCT CATALOGUE

Conveyor Belts & Parts

Broekema, a leader since its founding, is the specialist in high quality conveyor belts and related products. With our deep-rooted passion for technical innovation and quality, we are dedicated to delivering reliable and sustainable solutions.

www.broekema.nl

EN

In this catalogue you will find the delivery program of EA Broekema BV from Veendam (The Netherlands). More information about our products and our company can be found on our website.

BROEKEMA
Conveyor Belts

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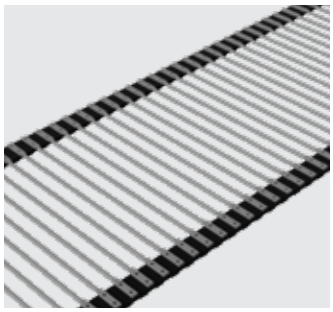
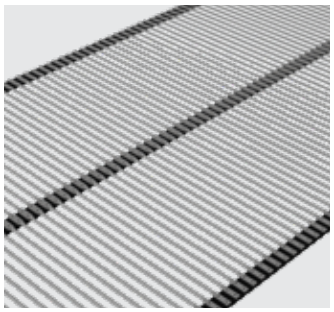
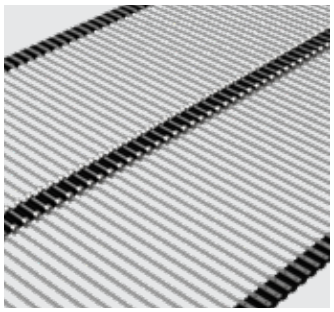
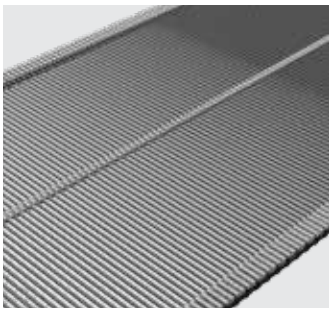
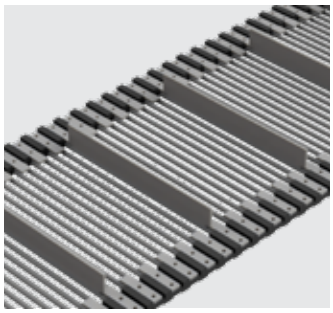
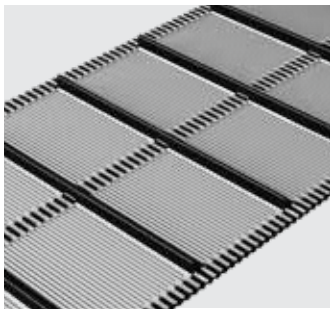
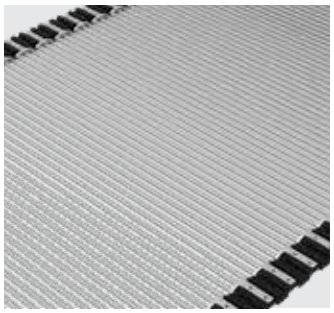
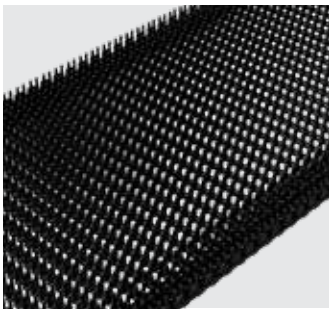
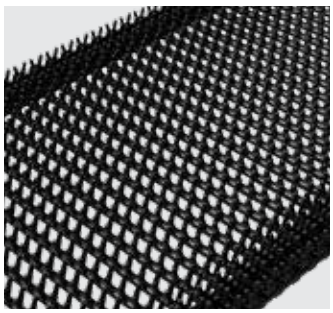
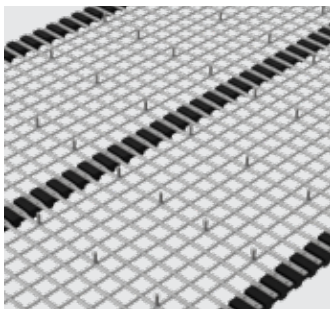
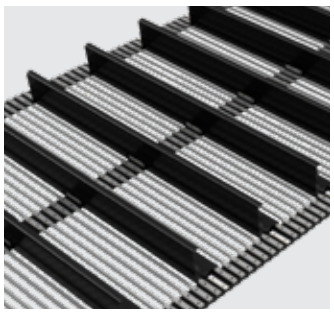
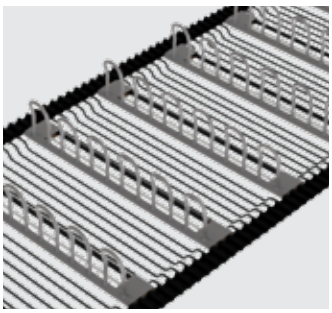
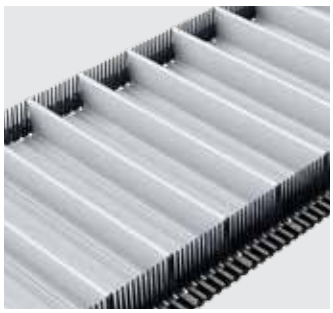
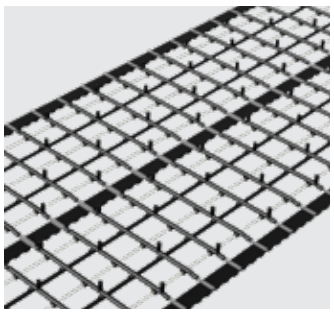
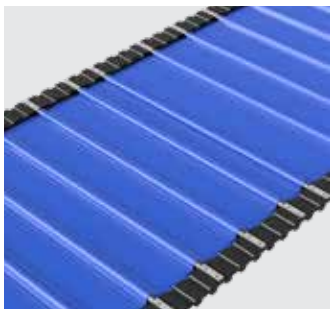
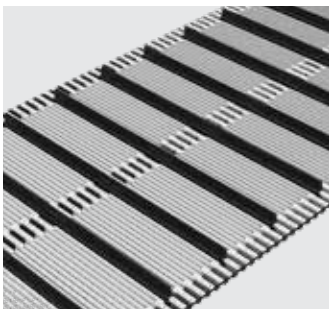
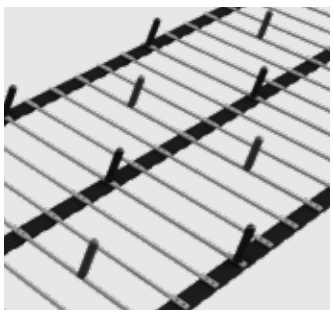
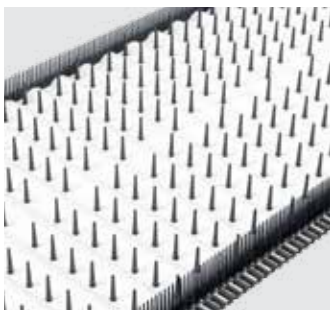
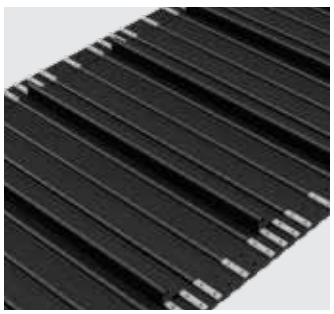
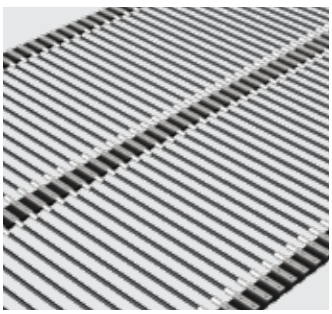
How can we help you?

CONTENTS

About this catalogue

This catalogue is your complete guide to Broekema's extensive range of products. Our products are arranged in clear categories and supported by detailed descriptions and specifications to help you choose. From heavy duty conveyors to high-performance components, each product in our range is designed to meet your unique needs.

Our commitment to technical innovation and excellence ensures that we are constantly developing new solutions to meet your growing demands. If, despite the variety of options in this catalogue, you do not find exactly what you are looking for, please do not hesitate to contact our sales team at sales@broekema.nl. Our knowledgeable staff is ready to assist you in finding the perfect solution specific to your requirements and applications.

EN0300

Strength (TN)	Width	Standard available pitches											
900/3	40			28									
900/3	45			28			36						
900/3	50		22	28	32	33	36		40	42			50
900/3	60	20	22	28	32	33	36	37	40	42	43	45	50
900/3	75			28	32		36	37	40	42	43	45	50
1000/2	60				32		36						
1200/3	60				32		36		40			45	50

EN0900

Strength (TN)	Width	Standard available pitches						
900/3	40	28						
900/3	50	28	30	35	40			50
900/3	60	28		35	40		44	50
900/3	75	28		35	40	43	44	50
900/3	120	28		35	40			
900/3	150				40			
1200/3	60			35	40			50

DN0309

Strength (TN)	Width	Standard available pitches								
900/3	60	28	32	36	40	42	44	45		
900/3	75	28						45		
1000/2	60								50	
1200/3	60								50	
1200/3	75								50	60

DN0907 / DN0909

Strength (TN)	Width	Standard available pitches							
900/3	60	28	35	40					60
1000/2	60		35	40			45		60
1200/3	50		35						
1200/3	60		35	40	43			50	
1200/3	75		35	40	43	44		50	

Specifications not listed: on request

G0505

Strength (TN)	Width	Standard available pitches				
900/3	50	35				50
900/3	60	35	40	44	45	50
900/3	120				45	50

EN1200P

Strength (TN)	Width	Standard available pitches
1200/3	60	50

DN1209P

Strength (TN)	Width	Standard available pitches	
1200/3	60	40	50
1200/3	75	50	60
1500/3	60	60	

EN0300 - Hydro FG

Strength (TN)	Width	Standard available pitches
800/2	60	28
1000/2	60	28

EN0900 - Hydro FG

Strength (TN)	Width	Standard available pitches		
800/2	60	28	35	40
1000/2	60		35	40

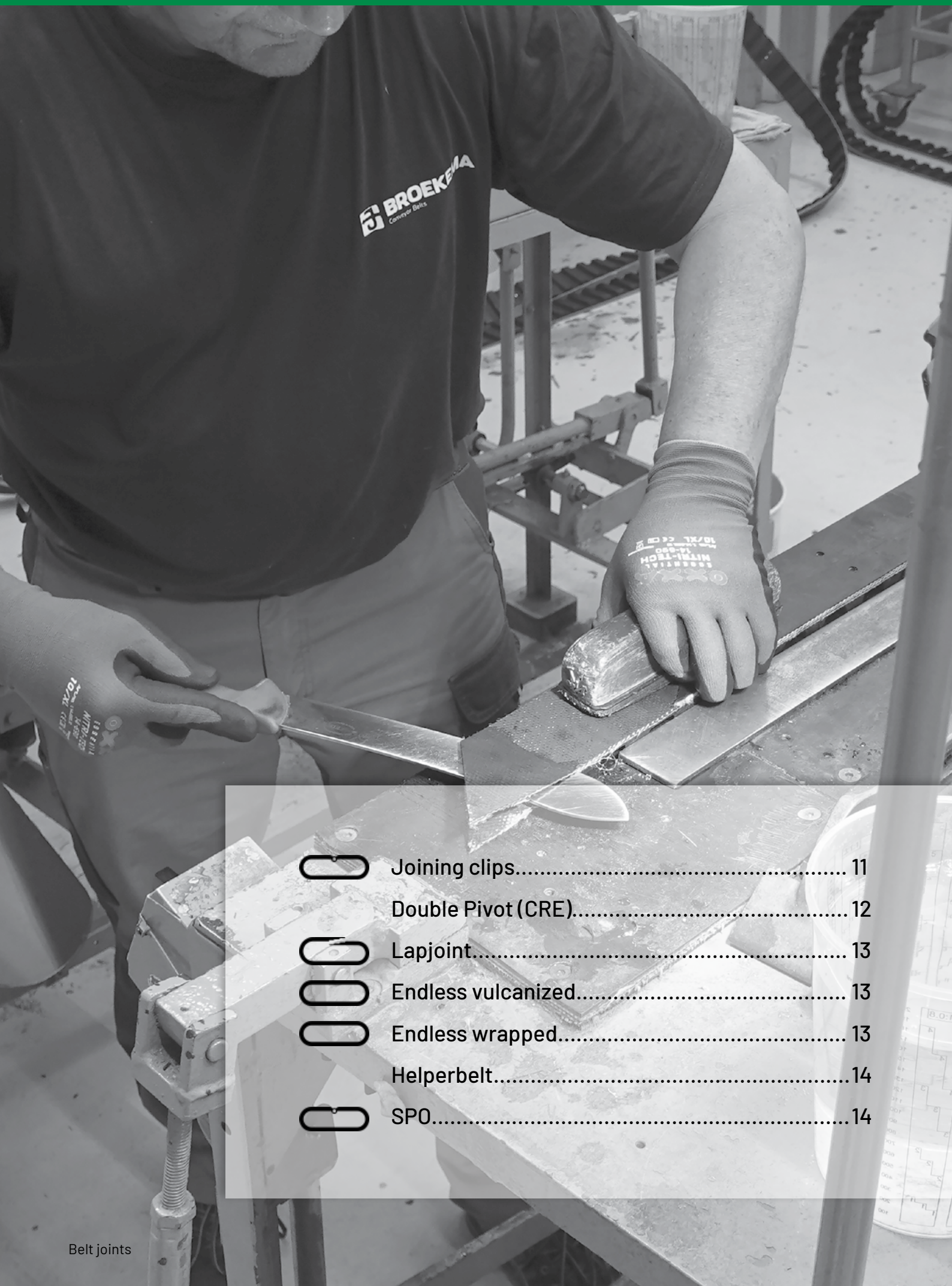
Specifications not listed: on request

Overview standard traction belts

		Pitch																
Type	**Fabric**	20	22,5	28	30	32	33	35	36	37	40	42	43	44	45	50	56	60
EN0300	TN900	■	■	■		■	■		■	■	■	■	■		■	■		
EN0300	TN1000					■			■									
EN0300	TN1200					■			■		■				■	■		
EN0900	TN900			■	■			■			■		■	■		■		■
EN0900	TN1200							■			■					■		
DN0309	TN900			■		■			■		■	■			■			
DN0309	TN1000															■		
DN0309	TN1200															■		■
DN0909 / 0907	TN900			■				■			■			■				■
DN0909 / 0907	TN1000							■			■				■			■
DN0909 / 0907	TN1200							■			■		■	■		■		
G0505	TN900							■			■			■	■	■		
EN1200P (75mm)	TN1000															■		
EN1200P	TN1200															■		
DN1209P	TN1200										■					■		■
DN1209P	TN1500																	■
EN0300 Hydro FG	TN800			■														
EN0300 Hydro FG	TN1000			■														
EN0900 Hydro FG	TN800			■				■			■							
EN0900 Hydro FG	TN1000							■			■							

ASC Belting (Anti Spillage Cut)

BELT JOINTS



AF - joining clips

Width (mm)	Avaliable pitches								Joining rod	Clip rod
50	28	32	36	40	42	45	50	56	Ø10	Ø11
60	28	32	36	40	42	45	50	56	Ø11	Ø11

BC - joining clips

Width (mm)	Avaliable pitches				Joining rod	Clip rod
60	35	40	44	50	Ø11	Ø11

BS - joining clips

Width (mm)	Avaliable pitches						Joining rod	Clip rod
50	32						Ø10	Ø11
60	28	32	35	40	45	50	Ø10	Ø11

BSV - joining clips

Width (mm)	Avaliable pitches	
60	35	40

GBS - joining clips

Width (mm)	Avaliable pitches									Joining rod	Clip rod
60	32	36	40	42	43	44	45	50	56	Ø11	Ø11
75	35		40		43		50			Ø11	Ø11

CC - joining clips

Width (mm)	Avaliable pitches								Joining rod	Clip rod
60	28	32	36	37	40	42	45	50	Ø11	Ø11

Double Pivot (DP)

Width (mm)	Avaliable pitches							Joining rod	Clip rod
60	32	36	40	43	45	50	56	Ø11	GBS
75	35		40		43		50	Ø11	GBS

Double Pivot CRE

By using a GBS clip in combination with a Double Pivot, it is possible to use a wear-resistant clip for every pitch, without having to resort to welding. The gap in the clip section will always be equal to (or smaller than) the rest of the web. Wear only occurs on the double pivot block and the two connecting rods, which are easy to replace.

Lapjoint

In a lapjoint, both belt ends are stepped straight so that both belt halves fit together perfectly when mounting the belt. When mounting the web, the user screws the lapjoint bars into place at the joint itself. This joint is stronger than a mechanical joint, but takes more time to install/replace. Webs with a lapjoint can be opened by unscrewing the lapjoint bars.

Endless vulcanized

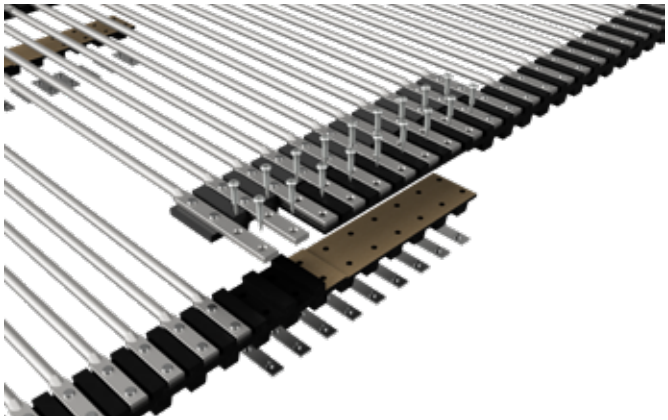
This joint is the result of diagonal stepped belt ends, applying unvulcanized rubber and then endlessly vulcanizing. This seamless and strong joint is ideal for heavy-duty applications, resistant to tearing and abrasion. Although it has limited installation capabilities in machines due to its endless nature, this joining option is more durable than most other options.

Endless wrapped

These belts are superior in terms of tensile strength and flexibility because the fabric is not cut anywhere. In terms of tensile strength, this is an unsurpassed joint, but the suppleness at the joint also differs little from the rest of the belt. Due to the specific production method, however, these belts are only available in larger quantities; single-piece delivery is not possible. Please also note that your machine must be suitable for installing endless belts.

Helperbelt

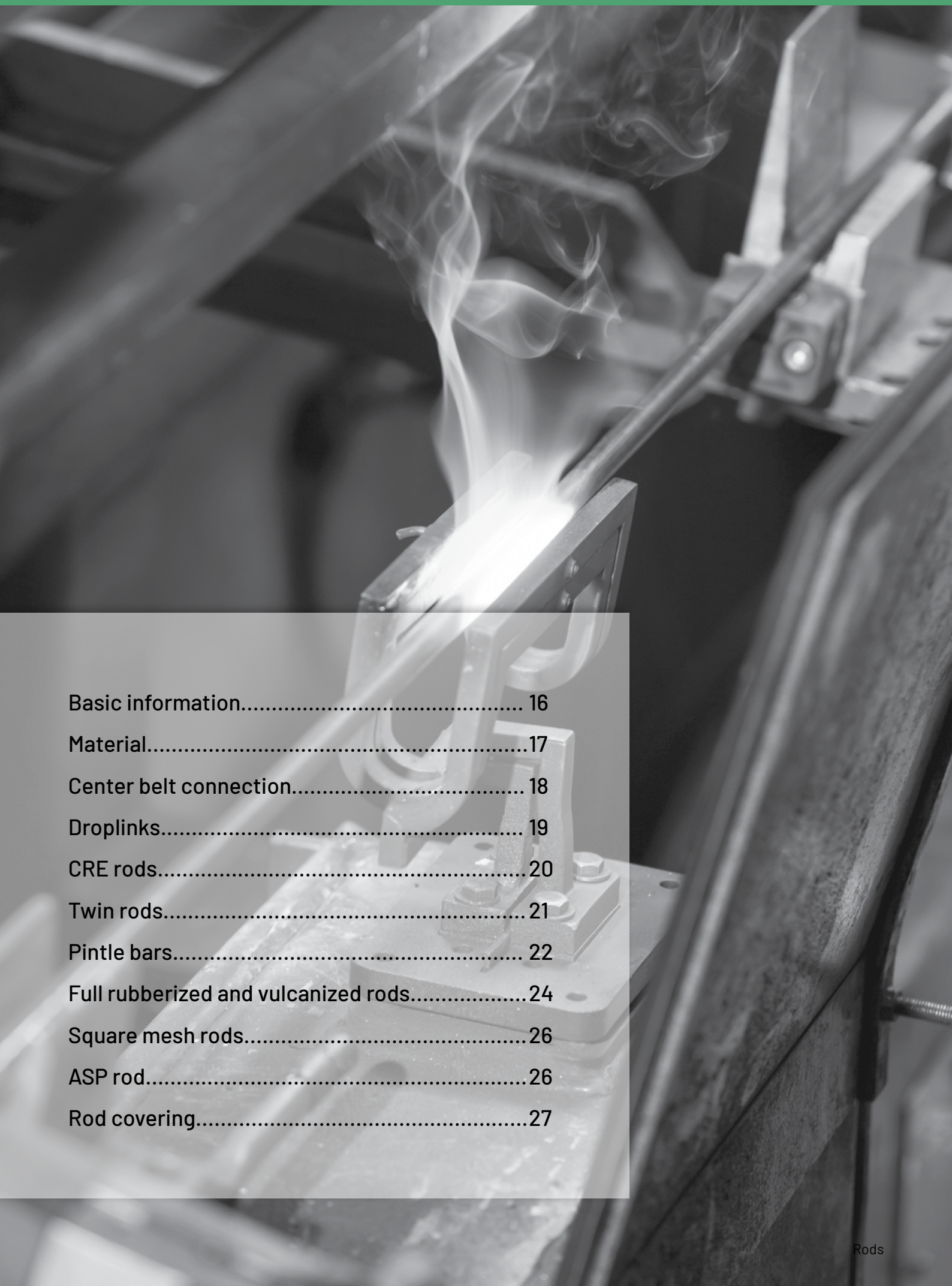
This patented solution from Broekema strengthens the joint in conveyor belts, traditionally the weakest point. With an additional set of through belts at the joint, whether it is a lock or overlap design, the Helperbelt distributes load more evenly, extends life and improves durability. This innovation provides a reliable solution where the connection is critical or frequently fails, without reducing the breaking strength of the belts. At the same time, the Helperbelt maintains belt flexibility, contributing to the overall performance of the belt.



SPO

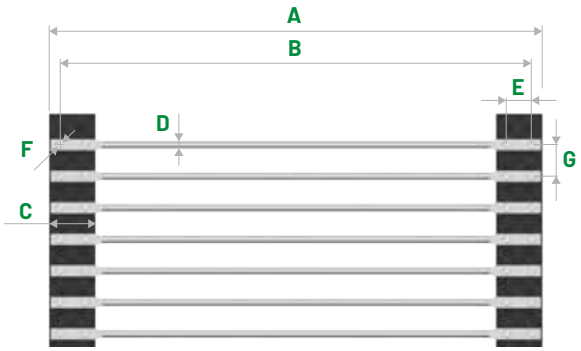
The SPO is a joint for applications where very high demands are placed on the joint in terms of tensile strength and flexibility.

Custom made > ask about the possibilities



BASIC INFORMATION

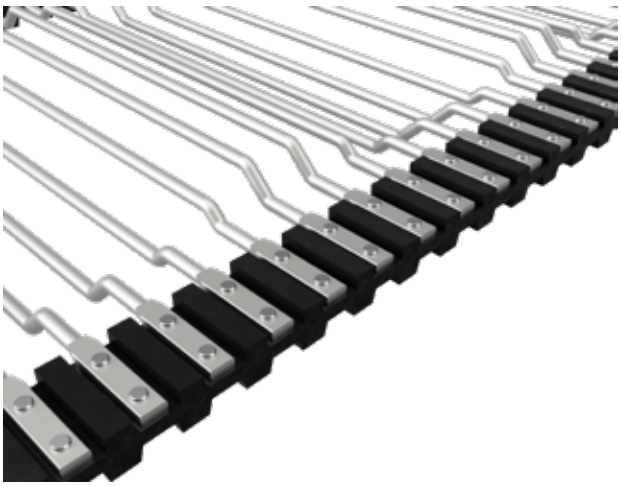
A = Webwidth
B = Stickmark
C = Belt width
D = Rod diameter
E = CTC distance
F = Rivet diameter
G = Pitch



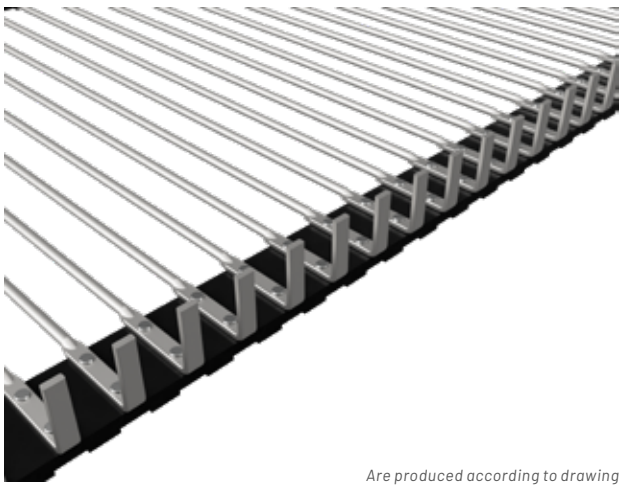
Convexity up & down

(For 2-by the standard is convexity down / for 3-by the standard is convexity up)

Cranked rods up and down



Rod-end bend up



Are produced according to drawing

MATERIAL

Spring steel **Class C** (DIN 17228) : Our standard material, suitable for most applications. This steel grade is available in the following diameters; 5 / 6 / 7 / 8 / 9 / 10 / 11 / 12 & 15.

54SiCr6 is a pre-hardened steel grade. This material is supplied with a high level of hardness and strength, making it suitable for applications where these properties are important. Please note that processing steps such as forging, punching, or welding may locally reduce hardness. Available in diameters 10 / 11 & 12.

55Si7 is a type of steel that is hardened afterwards; thus, the bars are first fully produced. The bar will therefore have the same hardness over its entire length. Available in diameters 10 / 11 / 12 / 13 & 15.

BORIUM / BORON: Bars that are welded are preferably made of Boron. This type of steel, like 55Si7, is fully hardened afterwards to prevent weak spots (during welding, heat is introduced which reduces hardness). Available in diameters 10 / 11 / 12 / 13 & 15.

In addition to the above types of steel, we can also make webs in various types of **stainless steel or P90-10** (lightweight material).

To arrive at the right choice, it is important to know the working conditions of the web / machine well. Things such as web drive, the load/weight on the web the type of soil and tire running can influence the choice of steel grade. In case of doubt or advice, we recommend contacting the Broekema Sales Team: sales@broekema.nl / +31 598 696464

CENTER BELT CONNECTION

Superflex

The rod is heated for an upset in the middle, thus creating more material where the holes will eventually be punched. With a Superflex, the **extra** material goes into the width. So the center forge does not get higher but wider.

Highflex

Like the Superflex bar, the material is heated for an upset in the middle, only with a Highflex the extra material goes into the height. So the center forge does not get wider but higher.

NOS (No Upset)

It is not always necessary on bars to provide additional material (upset). For very quiet/slow web running (little flex), for minimal load or for narrow webs with a center belt.
In addition, NOS bars are also used under clips.

KS

Diameters
9 / 10 / 11 / 12

WB

Diameters
8 / 10 / 11 / 12

P Clip

Diameters
8 / 10 / 11 / 12

D Clip

Diameters
12 / 13

5-lip clamp

H-pintle + V-pintle

4-lip clamp

12x6 strip

3-lip clamp

Special pintle bar

DROPLINK - options

Droplink over 1 pitch, on the rod

Droplink over 1 pitch, on the belting

Polyamide Droplink / Segment (Pitch 40 / Pitch 50)

Cast droplink

CRE RODS

CRE Single

Name	Rod Ø	Pitch	Material
CRE Single	10	All	Lightweight + steel

CRE Triple

Name	Rod Ø	GAP	Pitch	Material
CRE 60 / 20 / 10	10	10mm	60	Lightweight + steel
CRE 50 / 17 / 10	10	10mm	50	Lightweight + steel

CRE Dual

Name	Rod Ø	GAP	Pitch	Material
CRE 28/14 - 6	6	8mm	28/14	Lightweight + steel
CRE 32/16 - 8	8	8mm	32/16	Lightweight + steel
CRE 35/17,5 - 9	9	8,5mm	35/17,5	Steel
CRE 36/18 - 6	6	12mm	36/18	Lightweight + steel
CRE 40/20 - 8	8	12mm	40/20	Lightweight + steel
CRE 40/20 - 10	10	10mm	40/20	Lightweight + steel
CRE 40/20 - 10 S/S	10	10mm	40/20	Stainless Steel
CRE 44/22 - 8	8	14mm	44/22	Lightweight + steel
CRE 50/25 - 8	8	17mm	50/25	Lightweight + steel

TWIN RODS

Twin rods in bushings

Welded twin rods

The welded twin rod is being replaced in stages by the CRE rods.

		Available pitch (+ gap)									
Rod diameter + Material		28/14	32/16	35/17	36/18	40/20	42/21	44/22	45/22	50/25	56/28
Ø 5	Stainless steel		(11)		(15)	(16)		(20)	(23)		
	Class C / B	(9)	(11)	(12)	(13)	(15)	(16)		(20)		
Ø 6	Stainless steel	(8)	(10)	(11)	(12)	(14)		(16)	(16)		
	Class C / B	(8)	(10)	(11)	(12)	(14)	(15)	(16)	(16)	(19)	
Ø 7	Stainless steel	(7)	(9)	(11)	(13)	(14)		(18)			
	Class C	(7)	(9)	(10)	(11)	(13)	(14)	(15)	(15)	(18)	(21)
Ø 8	Stainless steel	(6)		(9)	(10)	(12)	(13)	(14)		(17)	(20)
	Class C	(6)	(8)	(9)	(10)	(12)	(13)	(14)	(14)	(17)	(20)
Ø 9	Stainless steel		(7)		(11)			(16)	(19)		
	Class C			(8)	(9)	(11)			(16)	(19)	
Ø 10	Stainless steel		(6)	(7)	(8)	(10)		(12)	(12)	(15)	(18)
	Lightweight rod (P90-10)		(6)	(7)	(8)	(10)		(12)	(12)	(15)	(18)
	Class C		(6)	(7)	(8)	(10)		(12)	(12)	(15)	(18)
	Welded twin rod Boron		(6)	(7)	(8)	(9)	(10)	(12)	(12)	(15)	

PINTLE BARS

H-pintle on 8mm rods

Name	Web width	Belt width	CTC	No. of belts
H-Pintle - 650 - Ø8	650	60	32	2 or more
H-Pintle – 700 - Ø8	700	60	32	2 or more
H-Pintle - 730 - Ø8	730	60	32	2 or more
H-Pintle - 890 - Ø8	890	60	32	2 or more
H-Pintle - 900 - Ø8	900	60	32	2 or more
H-Pintle - 990 - Ø8	990	60	32	2 or more
H-Pintle - 1160 - Ø8	1160	60	32	2 or more
H-Pintle - 1300 - Ø8	1300	60	32	2 or more
H-Pintle – 1350 - Ø8	1350	60	32	2 or more
H-Pintle - 1450 - Ø8	1450	60	32	2 or more
H-Pintle - 1650 - Ø8	1650	60	32	2 or more

H-pintle on 10mm rods

Name	Web width	Belt width	CTC	No. of belts
H-Pintle – 616 - Ø10	616	60	32	2
H-Pintle – 636 - Ø10	636	60	32	2
H-Pintle – 656- Ø10	656	60	32	2
H-Pintle – 696- Ø10	696	60	32	2
H-Pintle – 776- Ø10	776	60	32	2
H-Pintle – 796 - Ø10	796	60	32	2
H-Pintle – 896 - Ø10	896	60	32	2
H-Pintle – 996 - Ø10	996	60	32	2
H-Pintle – 1096 - Ø10	1096	60	32	2

1-row pintle

Name	Web width	Belt width	CTC	No. of belts
1-row pintle– 300 - Ø10	300	50	20	2
1-row pintle – 350 - Ø10	350	50	24	2
1-row pintle – 750 - Ø10	750	50	24	2
1-row pintle – 900 - Ø10	900	50	20	2
1-row pintle – 1000 - Ø10	1000	50	20	2
1-row pintle – 1103 - Ø8	1103	50	24	2

V-pintle on 9mm rods (CTC30)

Name	Web width	Belt width	CTC	No. of belts
V-Pintle - 725 - Ø9	725	60	30	2 or more
V-Pintle – 800 - Ø9	800	60	30	2 or more
V-Pintle - 900 - Ø9	900	60	30	2 or more
V-Pintle – 1160 - Ø9	1160	60	30	2 or more
V-Pintle – 1400 - Ø9	1400	60	2x30 / 1x20	3
V-Pintle – 1450 - Ø9	1450	60	30	2 or more
V-Pintle – 1700 - Ø9	1700	60	2x30 / 1x20	3

V-pintle on 9mm rods (CTC32)

Name	Web width	Belt width	Extra finger	CTC	No. of belts
V-Pintle – 250 - Ø9	250	60	No	32	2
V-Pintle – 605 - Ø9	605	60	No	32	2 or more
V-Pintle – 619 - Ø9	619	60	No	32	2 or more
V-Pintle – 630 - Ø9	630	60	No	32	2 or more
V-Pintle – 655 - Ø9	655	60	No	32	2 or more
V-Pintle – 705 - Ø9	705	60	No	32	2 or more
V-Pintle – 725 - Ø9	725	60	No	32	2 or more
V-Pintle – 755 - Ø9	755	60	No	32	2 or more
V-Pintle – 780 - Ø9	780	60	No	32	2 or more
V-Pintle – 805 - Ø9	805	60	No	32	2 or more
V-Pintle – 855 - Ø9	855	60	No	32	2 or more
V-Pintle – 889 - Ø9	889	60	No	32	2 or more
V-Pintle – 905 - Ø9	905	60	No	32	2 or more
V-Pintle – 1005 - Ø9	1005	60	No	32	2 or more
V-Pintle – 1105 - Ø9	1105	60	No	32	2 or more
V-Pintle – 1105 - Ø9 MV	1105	60	Yes	32	2 or more
V-Pintle – 1205 - Ø9	1205	60	No	32	3
V-Pintle – 1305 - Ø9	1305	60	No	32	2 or more
V-Pintle – 1450 - Ø9	1450	60	No	32	2 or more
V-Pintle – 1450 - Ø9 MV	1450	60	Yes	32	2 or more
V-Pintle – 1505 - Ø9	1505	60	No	32	2 or more
V-Pintle – 1625 - Ø9	1625	60	No	32	2 or more
V-Pintle – 1625 - Ø9 MV	1625	60	Yes	32	2 or more
V-Pintle – 1655 - Ø9	1655	60	No	32	2 or more

30x4 Pintle

2000mm - can be shortened to any length

FULL RUBBERIZED AND VULCANIZED RODS

Fully rubberized rods

Name	Web width	Belt width	CTC	No. of belts
Fully rubberized rods – 1200 – 50 - Ø11	1205	50	24	2 of meer
Fully rubberized rods - 1250 - 60 - Ø11	1255	60	30	3
Fully rubberized rods - 1400 – 60 - Ø11	1405	60	30	3
Fully rubberized rods – 1460 – 60 - Ø11 / 40S	1460	60	32	3
Fully rubberized rods – 1460 – 60 - Ø11 / 60S	1460	60	32	3
Fully rubberized rods – 1500 – 60 - Ø11	1507	60	30 / 20 (middle)	3
Fully rubberized rods – 1650 – 60 - Ø11	1652	60	32	3
Fully rubberized rods – 1650 – 60 - Ø10	1650	60	32 / 20 (middle)	3

Support rods

Name	Web width	Belt width	CTC	Rubber length	Ø
Support rods – 800 – 75 - 30	800	75	30	610 mm	19
Support rods – 800 – 75 - 32	800	75	32	610 mm	19
Support rods – 800 - 60 - 30	800	60	30	635 mm	19
Support rods – 800 – 60 - 32	800	60	32	635 mm	19
Support rods – 820 - 60 - 30	820	60	30	660 mm	19
Support rods – 850 – 75 - 32	850	75	32	660 mm	19
Support rods – 900 – 75 - 30	900	75	30	710 mm	19
Support rods – 900 – 75 - 32	900	75	32	710 mm	19
Support rods – 900 - 60 - 30	900	60	30	735 mm	19
Support rods – 900 – 60 - 32	900	60	32	735 mm	19
Support rods – 1000 - 75 - 30	1000	75	30	810 mm	19
Support rods – 1000 – 75 - 32	1000	75	32	810 mm	19
Support rods – 1000 - 60 - 30	1000	60	30	835 mm	19
Support rods – 1000 – 60 - 32	1000	60	32	835 mm	19
Support rods – 1200 - 60 - 32	1200	60	32	1035 mm	19

PES-rods

Name	Web width	Belt width	CTC Fingers	No. of fingers	Finger height	Available	3rd hole for ASP?
PES 625-50	630	60	50mm		128	Ask Sales	No
PES 630-50 HD	630	60	50mm		128 (Steel center)	Ask Sales	No
PES 900-100-8P	900	60	100mm (8x)		128	Ask Sales	No
PES 900-100-7P	900	60	100mm (7x)		128	Ask Sales	No
PES 1000-50	1000	60	50mm		128	Ask Sales	No
PES 1000-100	1000	60	100mm		128	Ask Sales	No
PES 1000-100	1000*	60	100mm		128	Ask Sales	No
PES 1000-100 ASP	1000*	60	100mm		128	Ask Sales	Yes
PES 1100-100	1100	60	100mm		128	Ask Sales	No
PES 1100-100 ASP	1100*	60	100mm		128	Ask Sales	Yes
PES 1200-100 ASP	1200*	60	100mm		128	Ask Sales	Yes
PES 1200-50 ASP	1200*	60	50mm		128	Ask Sales	Yes

* equipped with a hardened rod
** ASP = Active Side Protection, see page 26 & 46

CPP-rods

Name	Web width	Belt width	Rubber length	Rubber width	No. of belts
CPP36 – 443 - Ø10	443	60	314	36	2
CPP36 – 593 - Ø10	593	60	464	36	2
CPP36 – 608 - Ø10	608	60	479	36	2
CPP36 – 783 - Ø10	783	60	654	36	2
CPP36 – 793 - Ø10	793	60	664	36	2
CPP36 – 843 - Ø10	843	60	714	36	2
CPP36 – 893 - Ø10	893	60	764	36	2
CPP36 – 983 - Ø10	983	60	854	36	2
CPP36 – 993 - Ø10	993	60	864	36	2

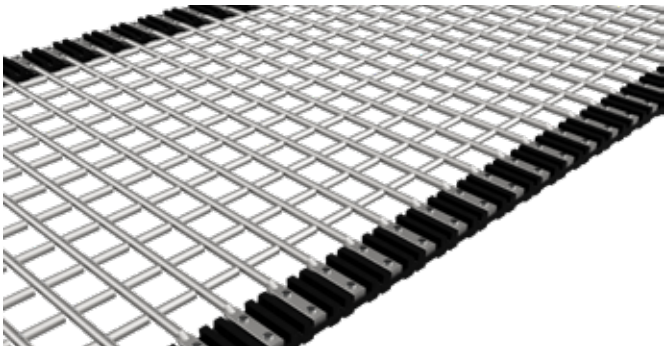
* non-standard sizes on customer request

MRF (Moulded Rubber Flights)

For detailed info, available sizes and stock;
contact sales@broekema.nl

SQUARE MESH RODS

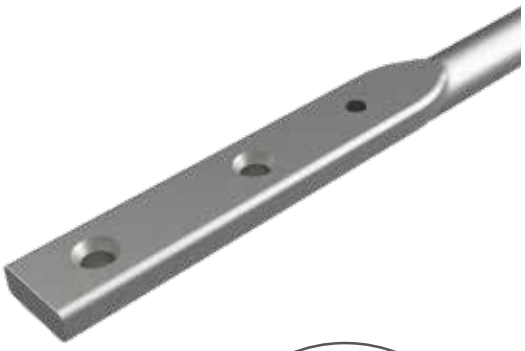
These rods are made of Borium, 54CrSi6 or Stainless Steel material. Welding on pins creates “square” meshes. Due to the open structure of these belts, the sieving capacity is high, but little product will be lost. Square mesh webs are made after approval of a drawing.



ASP ROD

The ASP-rod has an extra third hole for the ASP-finger*. For Active Side Protection.

*see page 43



CRE ASP rod

Pitch 35/17,5 - 9mm
Pitch 40/20 - 9mm

ROD COVERING

STAR PVC

Type	Inside	Outside
SOFT PCV	7,7	14
STAR PVC	8,5	14
STAR PVC	9,5	16
STAR PVC	9,5	19
STAR PVC	10,5	16
STAR PVC	10,5	18
STAR PVC	10,5	20
STAR PVC	11,5	16
STAR PVC	11,5	19
STAR PVC	11,5	25
STAR PVC	13	20

SPLIT PVC

Type	Inside	Outside
SPLIT PVC	6	9
SPLIT PVC	8	11
SPLIT PVC	9	12
SPLIT PVC	10	14
SPLIT PVC	10	16
SPLIT PVC	10	20
SPLIT PVC	11	16
SPLIT PVC	12	16
SPLIT PVC	20	25
SPLIT PVC	10 FDA	16 FDA

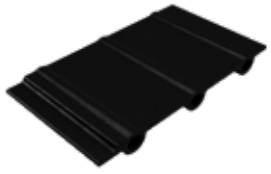
RUBBER

Type	Inside	Outside
RUBBER	9,2	13
RUBBER	9,3	16
RUBBER	12	16
RUBBER	13	23
RUBBER	15	30
RUBBER	10,9	18

PILLOW CUSHION

Type	Inside	Outside
PILLOW CUSHION	15	27
PILLOW CUSHION	11,5	24

RUBBER COVER PROFILE



Rubber profile	Pitch	Rod Ø	Thickness
T30/60	60	8/9/10	3,8 mm
T40/80	80	8/9/10	3,8 mm
T50/100	100	8/9/10	3,8 mm

RUBBER

E-Profile / RFL 20

Height: 26,5mm
Width: 25mm
Rod: 12x6mm
Pitch: All

RFL 30

Height: 38mm
Width: 63mm
Rod: max. 12mm
Pitch: 28-45

RFL 45

Height: 45mm
Width: 84mm
Rod: max. 11mm
Pitch: 28-50

RFL 50

Height: 59mm
Width: 72mm
Rod: max. 12mm
Pitch: 28-50

RFL 50 LF

Height: 56mm
Width: 65mm
Rod: max. 11mm
Pitch: 28-45

RFL 67

Height: 66mm
Width: 80mm
Rod: max. 12mm
Pitch: 40-50

RFL 75

Height: 80mm
Width: 83mm
Rod: max. 12mm
Pitch: 28-50

RFL 75 LF

Height: 81mm
Width: 78mm
Rod: max. 12mm
Pitch: 28-50

RFL 100 LF

Height: 101mm
Width: 78mm
Rod: max. 11mm
Pitch: 28-50

RFL 125 LF

Height: 137mm
Width: 76mm
Rod: max. 12mm
Pitch: 28-50

RFL 140 LF

Height: 146mm
Width: 68mm
Rod: 30x4mm
Pitch: 28-50

RFL 150 LF

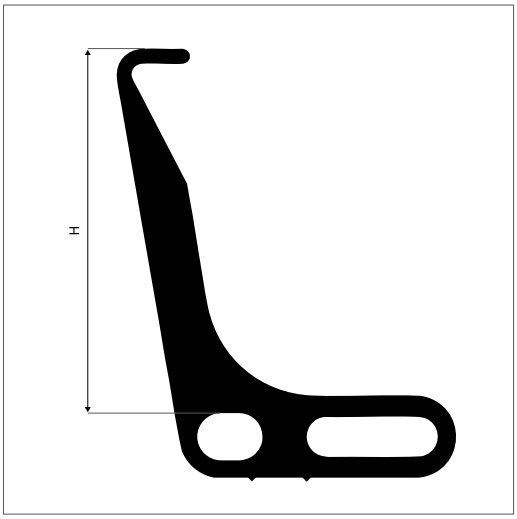
Height: 158mm
Width: 78mm
Rod: max. 12mm
Pitch: 28-50

RFL 160 LF

Height: 166mm
Width: 76mm
Rod: max. 12mm
Pitch: 28-50

CPP 36

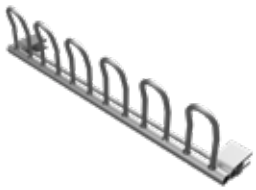
Height: 47mm
Width: 36mm
Rod: 20x6mm
Pitch: 40-50



STEEL

A steel flight is always made to customer specifications. Production begins after customer approval on the drawing provided by Broekema.

Steel flight with loops



Steel flight with pins

Steel flight (special)

SYNTHETIC

K-EL flight

Polyamide segment flight

Width of 1 segment:	155 mm
Height:	175 mm
Finger distance:	85 mm
Max. rod diameter:	19 mm

PA 460 flight

Polyamide flight

Width of 1 segment:	460 mm
Height:	110 mm
Finger distance:	70 mm
Max. rod diameter:	13 mm

PU flight

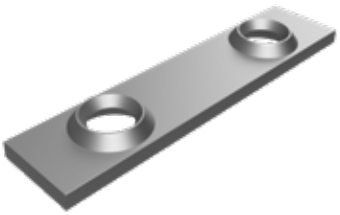
Name	Length	Max. rod Ø	Height	Finger distance	Ø Finger
PU 325 – 66	325	13	97	66	6
PU 366 – 74	366	13	97	74	6
PU 550 – 75	550	13	84	75	8
PU 640 – 70	640	13	80	70	9
PU 645 – 77,5	645	13	100	77,5	9
PU 645 – 75	645	13	103	75	9
PU 645 – 70	645	13	110	70	9
PU 770 – 70	770	13	110	70	12

At Broekema, we know that there is no one-size-fits-all solution when it comes to repairs. Your conveyor belt is a vital part of your production process, and the need for repair can arise suddenly and unexpectedly. Depending on the specific problem you are experiencing, solutions vary. That's why we have a range of repair options to ensure you always have the right tools and solutions on hand to get your belt back up and running as quickly as possible.

Choosing the right repair option depends on your specific situation. We therefore recommend that you always contact our sales department for personal advice.

Rivets

Rivet plates



Pilot Bolts

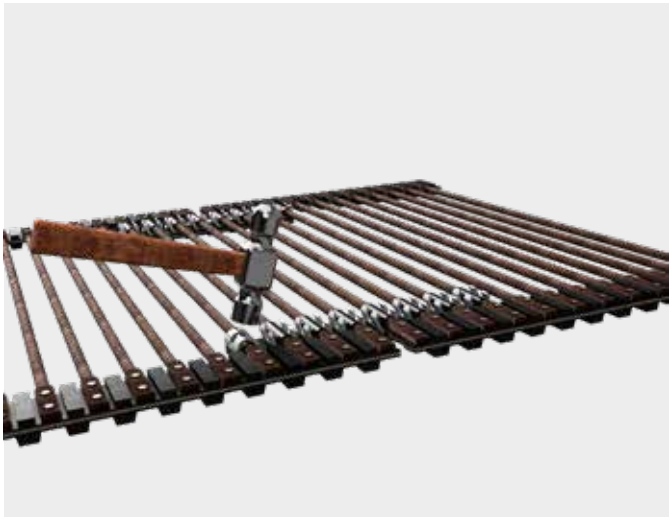
Threaded plates

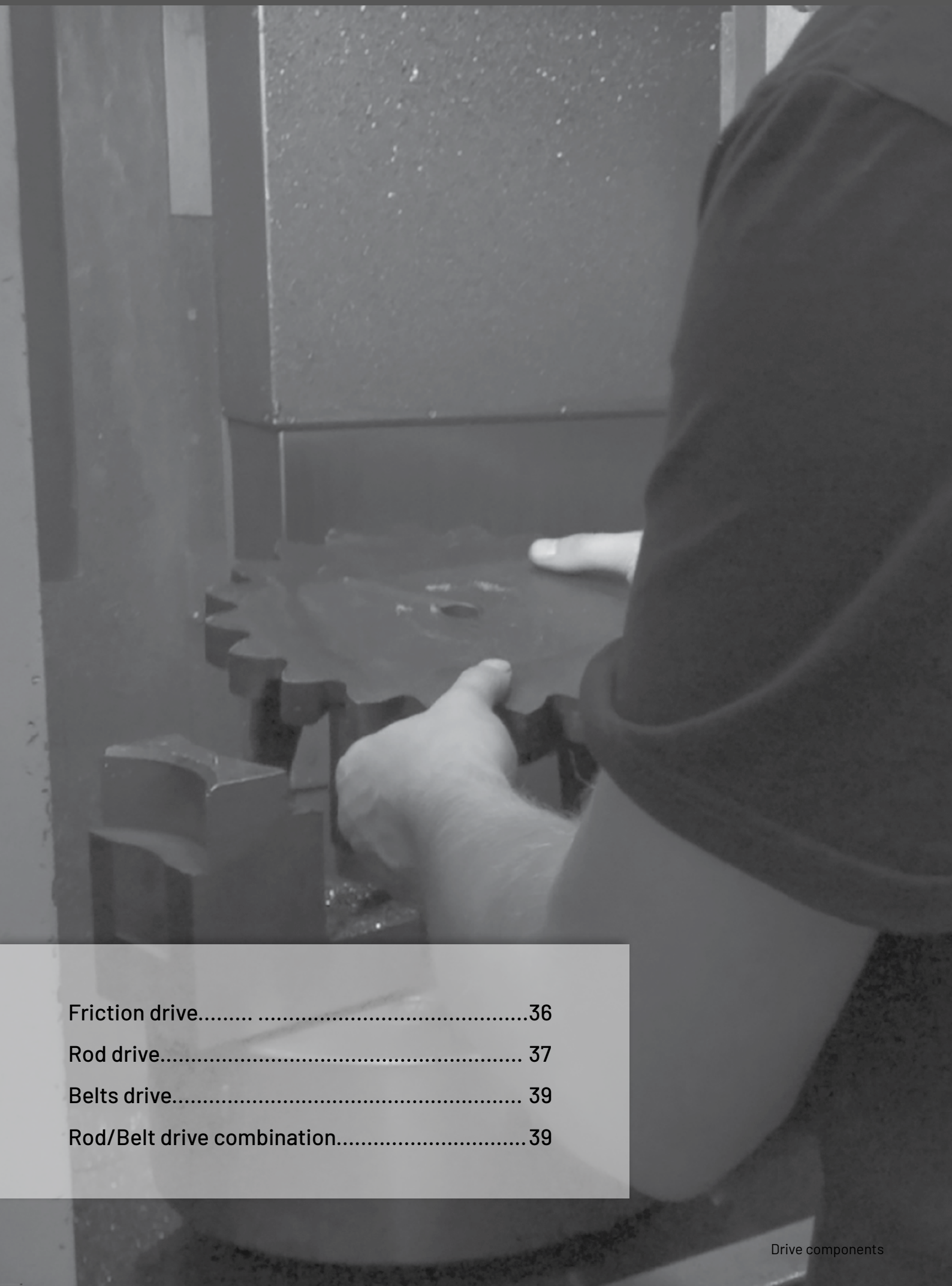
Cast Rod-ends

Cast rod end

Cast rod centerpiece

Repair Kits





FRICTION DRIVE

*HS series**

Cast iron body with a rubber surface

Name	Ø	Flange Ø	Support width	Weight (kg)	Bore Ø
HS 11 R	110	148	53	2.9	25-50
HS 11 RZ	110	-	62	2.4	25-50
HS 14 R	140	180	56	5.8	25-50
HS 14 RZ	140	-	67	3.8	25-50
HS 18 R	180	248	57	6.1	30-50
HS 18 RZ	180	-	67	6.7	30-50
HS 21 R	210	240	65	10.4	30-50
HS 21 RZ	210	-	65	7.8	30-50
HS 24 R	240	300	58	11.8	30-50
HS 24 RZ	240	-	65	10.0	30-50
HS 41 R	410	448	65	17.5	30-50

FRD series

Cast iron body with a rubber surface

Name	Ø	Flange Ø	Support width	Weight (kg)	Bore Ø
FRD 14 R*	140	180	56	6.2	30-50
FRD 14 RZ*	140	-	64	5.8	30-50
FRD 18 R*	180	220	60	7.6	30-50
FRD 18 RZ*	180	-	68	6.3	30-50
FRD 20 R*	200	260	80	12.2	30-50
FRD 20 RZ*	200	-	90	11.5	30-50

** splittable*

KW series

Cast iron

Name	Ø	Flange Ø	Support width	Weight (kg)	Bore Ø
KW 80	80	125	60	1,3	25-30
KW 100	100	150	60	2,6	25-40
KW 115	115	165	60	3,5	25-40
KW 160*	160	215	60	5,2	25-45

** splittable*

** Mr. Hamminga is the founder of our company in the early 1950s. The naming of some products still refers to Mr. Hamminga; HS (Hamminga System)*

ROD DRIVE

*HS series**

Cast iron

Name	Pitch	Teeth	Cage Ø	Outside Ø	Weight (kg)	Bore Ø
HS 28-14	28	14	108	146	2.7	25-40
HS 28-16	28	16	124	165	3.0	25-40
HS 28-22	28	22	180	220	5.2	25-40
HS 28-22 3TB	28	22	180	220	5.2	25-40
HS 32-12	32	12	105	145	3.9	25-40
HS 32-18	32	18	162	202	3.9	25-60
HS 36-10	36	10	100	135	3.2	25-40
HS 36-12	36	12	118	168	3.3	25-40
HS 36-14	36	14	140	190	4.0	25-60
HS 36-16	36	16	166	210	6.8	25-40
HS 36-16 3TB	36	16	162	213	7.5	35-60
HS 36-18	36	18	187	235	6.0	25-60
HS 36-18 3TB	36	18	189	246	8.4	35-60
HS 40-10	40	10	110	160	3.7	25-40
HS 40-14	40	14	167	220	7.6	35-60
HS 42-12	42	12	113	163	3.0	25-40
HS 42-12	42	12	140	190	4.6	25-60
HS 42-14	42	14	173	218	5.0	25-60
HS 42-14 3TB	42	14	169	226	7.4	25-60
HS 42-16 3TB	42	16	194	252	8.5	25-60
HS 45-9	45	9	110	160	3.6	25-40
HS 45-21	45	12	153	200	4.8	25-60
HS 45-14	45	14	180	230	7.8	25-60
HS 45-14 3TB	45	14	182	237	8.0	35-60
HS 50-8	50	80	109	150	4.2	25-40
HS 50-10	50	10	142	195	5.4	25-40
HS 50-12	50	12	173	220	7.0	35-60
HS 50-14 3TB	50	14	208	273	11,0	35-60

HSM-series*: This refers to a Modular Sprocket. All pitches and corresponding diameters are possible. The various parts for these sprockets are stocked and can be combined to create the ideal sprocket to suit your application.

ROD DRIVE

RT series

Cast iron

Name	Pitch	Teeth	Cage Ø	Outside Ø	Weight (kg)	Bore Ø
RT 33-12	33	12	110	164	3.9	25-40
RT 42-12	42	12	144	192	7.0	35-60
RT 45-14	14	14	184	254	8.2	35-60
RT 50-10	50	10	144	205	7.0	35-60
RT 50-14	50	14	204	264	11.0	35-60
RT 56-10	56	10	165	230	9.2	35-60

GW series

Cast steel with a PU surface
(Excl. loose cast steel hub)*

Name	Pitch	Teeth	Cage Ø	Width	Bore Ø
GW 32-16	32	16	183	80	Loose hub
GW 35-17	35	17	210	80	Loose hub
GW 36-14	36	14	180	80	Loose hub
GW 36-16	36	16	204	80	Loose hub
GW 40-15	40	15	210	80	Loose hub
GW 42-14	42	14	202	80	Loose hub
GW 45-13	45	13	202	80	Loose hub
GW 50-10	50	10	180	80	Loose hub

GWS series

Cast steel with a PU surface
(Excl. loose cast steel hub)*

Name	Pitch	Teeth	Cage Ø	Width	Bore Ø
GW 32-22 S	32	22	260	60	Loose hub
GW 35-20 S	35	20	260	60	Loose hub
GW 40-18 S	40	18	265	60	Loose hub

ZP series

PU *(Excl. loose cast steel hub*)*

Name	Pitch	Teeth	Cage Ø	Width	Bore Ø
ZP 32-12	32	12	157	22	Loose hub
ZP 32-14	32	14	178	22	Loose hub
ZP 32-12 W	32	12	157	45	Loose hub

Z series

PU *(Excl. loose cast steel hub*)*

Name	Pitch	Teeth	Cage Ø	Width	Bore Ø
Z 28-13	28	13	139	30	Loose hub
Z 32-12	32	12	155	30	Loose hub
Z 32-14	32	14	179	30	Loose hub
Z 36-12	36	12	172	30	Loose hub

**Please check sizes and options of the loose hubs with our Sales team.*

BELTS DRIVE

N series

Cast iron

Name	Pitch	Teeth	Cage Ø	Outside Ø	Weight (kg)	Bore Ø
N 28-24-12 ST	28	12	200	243	6,6	30-60
N 35-17	35	17	175	215	6,9	30-50
N 35-27	35	27	288	326	13,6	30-50
N 40-10	40	10	115	150	2,0	25-35
N 40-14	40	14	166	215	5,4	25-40
N 40-15	40	15	175	223	6,9	25-40
N 40-16	40	8	194	225	6,9	25-40
N 40-18	40	9	217	252	7,5	25-40
N 50-12	50	12	176	220	5,8	25-50
N 50-12 STH	50	12	178	219	6,8	25-50
N 50-14	50	14	210	258	7,5	25-50
N 50-14 STH	50	14	209	243	8,0	25-50

NM-series: This refers to a Modular Sprocket. All pitches and corresponding diameters are possible. The various parts for these sprockets are stocked and can be combined to create the ideal sprocket to suit your application.

ROD/BELT DRIVE COMBINATION

NC series

Cast iron

Name	Pitch	Teeth	Cage Ø	Outside Ø	Weight (kg)	Bore Ø
NC 35-20	35	20	210	252	7,7	35-60
NC 40-18 3TB	40	18	217	265	10,8	35-60
NC 40-18 3TB	40	9	217	265	10,2	35-60
NC 50-12	50	12	178	243	11,0	35-60
NC 50-14	50	14	210	260	9,0	35-60
NC 50-14 V	50	14	210	260	9,0	35-60
NC 50-16 V	50	8	240	300	14,9	35-60

NCM-series: This refers to a Modular Sprocket. All pitches and corresponding diameters are possible. The various parts for these sprockets are stocked and can be combined to create the ideal sprocket to suit your application.

SUPPORT- AND HEAVY-DUTY ROLLERS

HS serie

Cast iron body with a rubber surface

Name	Ø	Flange Ø	Support width	Weight (kg)	Fixing
HS 8 R	80	118	50	1.3	M16
HS 8 RZ	80	-	61	1.0	M16
HS 9 R	90	130	50	1.6	M16
HS 9 RZ	90	-	61	1.2	M16
HS 9 RS	90	130	35	1.3	M16
HS 9 RSZ	90	-	43	1.0	M16
HS 9 R (CF)	90	130	54	1.6	M16
HS 9 RH	90	200	59	2.5	M16
HS 10 R	100	140	55	5.0	M16/M20
HS 10 RZ	100	-	67	1.4	M16/M20
HS 11 R	110	148	53	2.6	M16/M20
HS 11 RZ	110	-	61	2.2	M16/M20
HS 11 RS	110	148	42	1.1	M16
HS 14 R	140	180	56	5.5	M16/M20
HS 14 RZ	140	-	67	5.1	M16/M20
HS 18 R	180	248	57	5.5	M16/M20
HS 18 RZ	180	-	67	5.1	M16/M20
HS 21 R	210	240	65	10.4	M20

HS serie

Cast iron

Name	Ø	Flange Ø	Support width	Weight (kg)	Fixing
HS 6	60	100	53	1.2	M16
HS 6 Z	60	-	61	0.9	M16
HS 6 SZ	60	-	43	0.8	M16
HS 8	80	120	52	2.2	M16/M20
HS 8 (CF)	80	120	61	2.0	M16/M20
HS 8 Z	80	-	52	2.2	M16/M20
HS 9 (OPT.)	90	135	63	4.1	M16
HS 9 WBR	90	130	70	4.0	M16/M20
HS 10	100	135	63	4.2	M16/M20
HS 10 Z	100	-	63	4.0	M16/M20
HS 10 H	100	180	50	4.5	M16/M20
HS 11	110	150	54	5.3	M16/M20
HS 11 Z	110	-	67	4.9	M16/M20
HS 15	150	250	60	6.1	M16
HS 15 Z	150	-	67	5.7	M16
HS 18	180	220	50	5.3	M16/M20
HS 18 Z	180	-	61	5.0	M16/M20

The HS series rollers can be customized to customer requirements. For example, A threaded axle instead of an open bore, or a different seal. For more info more contact us at: sales@broekema.nl

LIGHTWEIGHT ROLLERS

Name	Ø	Flange Ø	Support width	Weight (kg)	Fixing
NPK 75 NF (1)	75	115	50	0,48	M16
NPK 75 Z (2)	75	-	61	0,45	M16
Y 75 SF (3)	75	105	55	0,52	M16
Y 75 Z (4)	75	-	62	0,40	M16
Y 75 SZ (5)	75	-	50	0,32	M16
NPK 90 NF (6)	90	130	50	0,61	M16
NPK 90 Z (7)	90	-	61	0,58	M16
NP 90 SF (8)	90	133	56	0,78	M16
LL 92,5 R (9)	92.5	130	60	0,83	M16
LL 92,5 RZ (10)	92.5	-	68	0,53	M16
Y 95 SF (11)	95	130	55	1.02	M16
Y 95 Z (12)	95	-	60	0,90	M16
NP 95 Y ZB (13)	95	-	60	0,90	M16
NP 95 B ZB (14)	95	-	60	0,90	M16
Y 100 Z (15)	100	-	27	0,35	M16
Y 123 Z (16)	123	-	27	0,45	M16

N	Nylon
P	Polyamide
K	Grooved
NF	Nylon Flange
SF	Steel Flange
Z	Without flange
Y	Yellow
SZ	Small without flange
B	Black
ZB	Without flange beet-edition
LL	Long Life (rubber surface + Polyamide body)
R	Rubber
RZ	Rubber without flange

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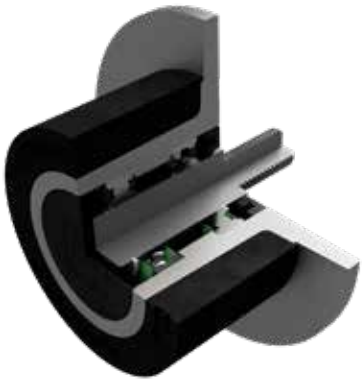
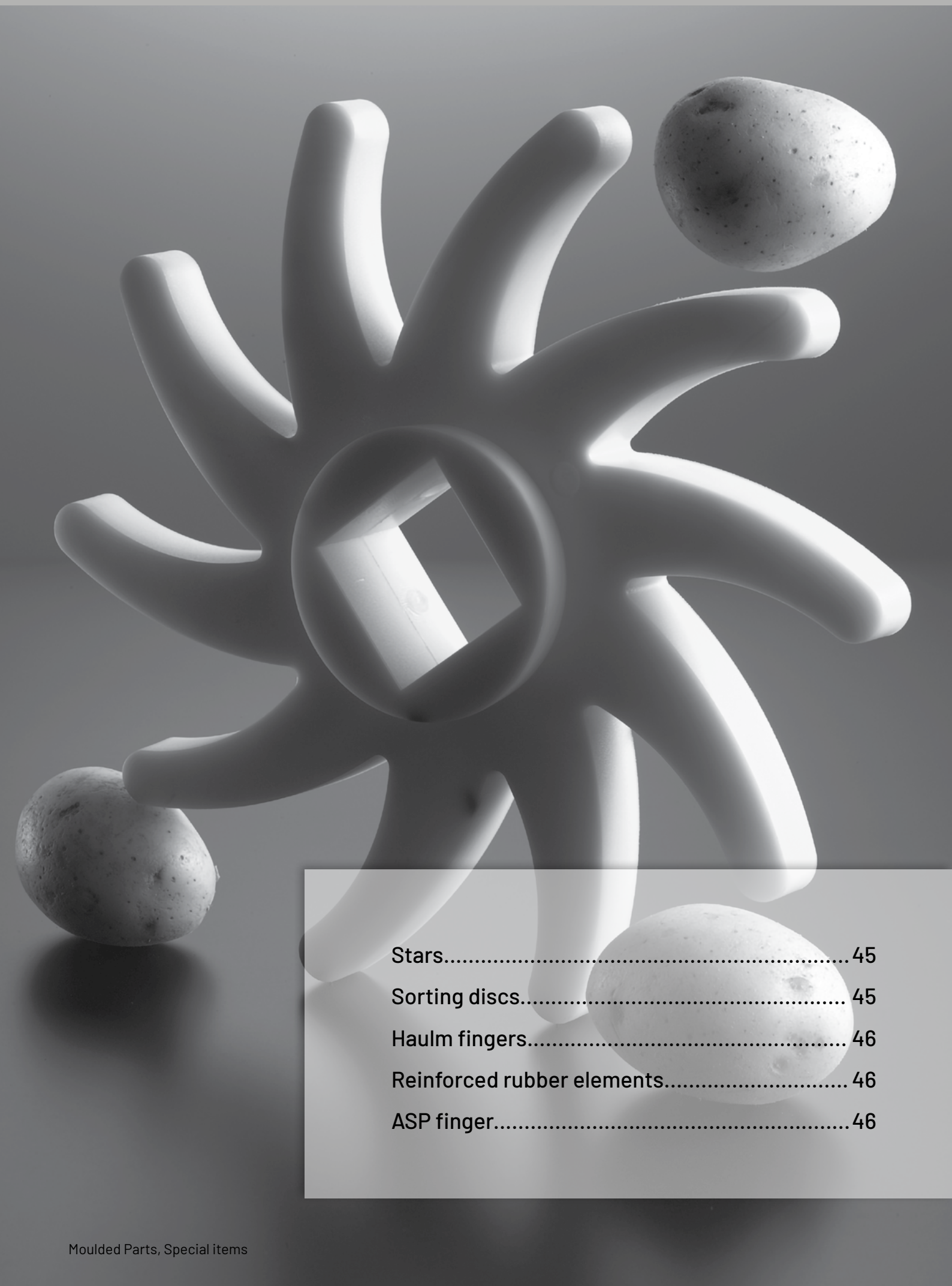
(Do not deploy where the belt or product on the belt changes direction).

WATERPROOF ROLLERS

Applicable to all our HS series support- and return rollers. The materials used for the inside of the roller provide good resistance to water. Best results are achieved by fitting HS rollers with a threaded axle.





STARS

Name	Ø	Width	Material	Color	Hole
Star - 6 fingers 162mm - 24x24 hole	162	39mm	Rubber	Black	24 x 24
Star - 6 fingers 162mm - 30x30 hole	162	39mm	Rubber	Black	30 x 30
Star - 6 fingers 162mm - 32x32 hole	162	39mm	Rubber	Black	32 x 32
Star - 13 fingers 164mm - 1 1/4" x 1 1/4" hole	164	32mm	PU	Black	1,1/4"
Star - 13 fingers 164mm - 30x30 hole	164	32mm	PU	Black	30 x 30
Star - 13 fingers 168mm - 38x38 hole	168	32mm	PU	Black	38 x 38
Star - 13 fingers 170mm - 30x30 hole - Blue	170	32mm	PU	Blue	30 x 30
Star - 10 fingers 260mm - 40x40 hole - Yellow	260	40mm	PU	Yellow	40 x 40
Star - 6 fingers 230mm "Chunky" - 8mm o/boss - 40x40 hole	230	60mm	PU	Green	40 x 40




SORTING DISCS

Name	Ø	Width	Material	Color	Hole
Grading disc 16x16	98	20mm	Rubber	Black	16 x 16
Grading disc 19 x 19	98	20mm	Rubber	Black	19 x19
Grading disc 21 x 21	98	20mm	Rubber	Black	21 x 21
Grading disc 26 x 26	98	20mm	Rubber	Black	26 x 26

HAULM FINGERS

Name	Ø	Length	Color	Material	Fixing
Haulm finger 555-4-68	25	78mm	Black	Rubber	M8
Haulm finger 10799-4-85	24	110mm	Black	Rubber	M8
Haulm finger SA-02-062	23 / 17,5	70mm	Black	Rubber	M8
Push-on PES	22	118mm	Black	Rubber	8mm pin

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REINFORCED RUBBER ELEMENTS

Ask Sales for more information, minimum order quantities and different qualities.

ASP FINGERS

Active Side Protection for optimum product friendliness and avoiding side waste.

Pitch 28 – 35

Pitch 35 – 50

www.broekema.nl

CONTACT US!

Do you have any questions, comments or would you like to place an order? Then please contact us! We will gladly help you

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