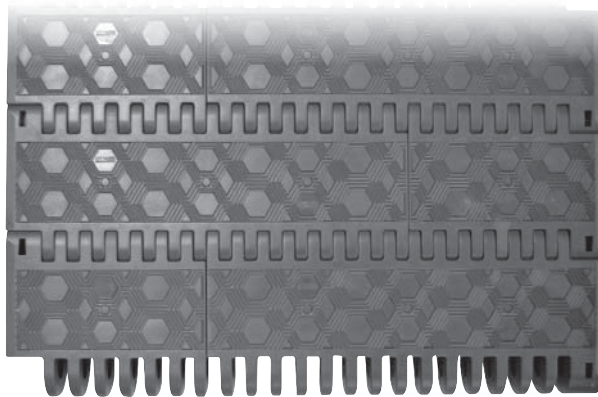


Extra Heavy Duty modular belts 2508 & 2630 Series



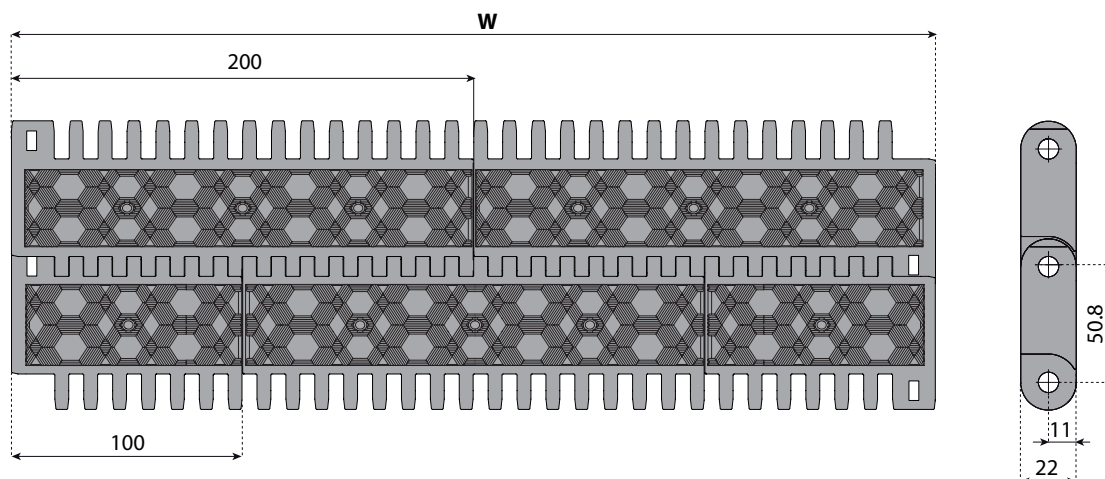
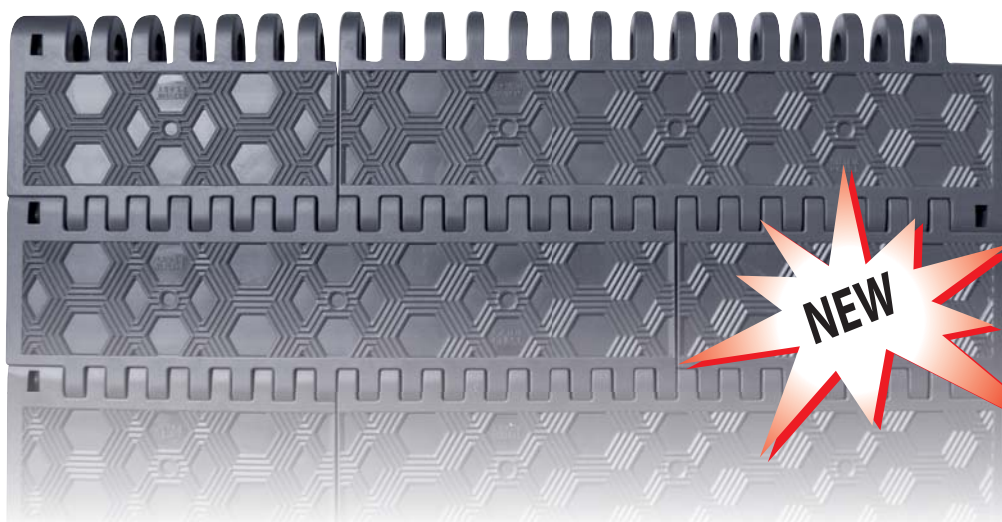
EMERSON. CONSIDER IT SOLVED.



Pictures by courtesy of Hohmeier Anlagenbau GmbH and Audi AG Ingolstadt - Germany

2508 HEAVY DUTY BELTS

**PATENT
PENDING**



Version standard (LFG material)

Strength and weight data for other materials available on request.

Backflex radius: 55 mm

Max load capacity: 80 kN/m

Weight: 28 kg/m²

Standard length:

Belt width ≤ 800 mm: 20 pitches

Belt width ≥ 800 mm: 15 pitches

Pin material: PBT (white).

Steel pins optionally available.

Standard materials

LFG	PPLG
Low Friction Acetal Resin Dark Grey	Polypropylene Light Grey

Other possible materials

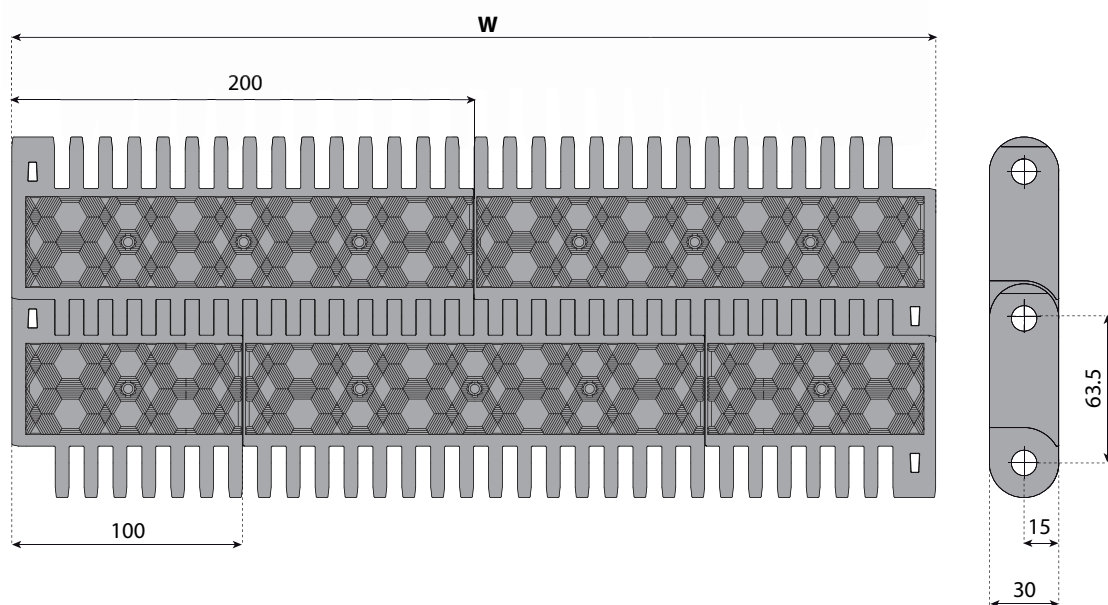
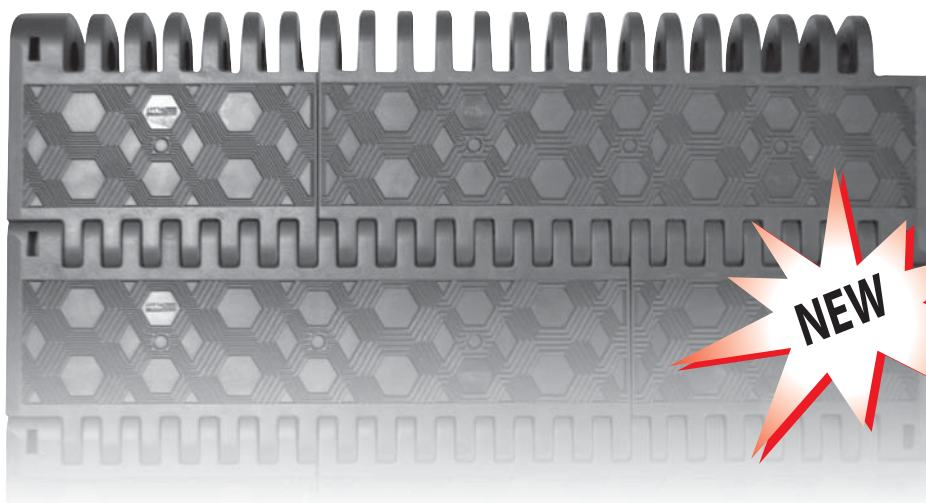
POM-AS	POM-EC	PP-FR-EC
Anti-static Acetal Black	Electrically Conductive Acetal Black	Flame Retardant Electrically Conductive Polypropylene Black

THE CODES BELOW ARE FOR BELTS IN LFG MATERIAL AND WITH PBT PINS. FOR BELTS IN PPLG, JUST ADD "PPLG" TO THE PART NUMBER (example code 26652-PPLG)

Width W mm	Belts Ref.	Code	Width W mm	Belts Ref.	Code	Width W mm	Belts Ref.	Code	Width W mm	Belts Ref.	Code	Width W mm	Belts Ref.	Code
			1100	2508-1100 HD	26660	2100	2508-2100 HD	26670	3100	2508-3100 HD	26680	4100	2508-4100 HD	26690
			1200	2508-1200 HD	26661	2200	2508-2200 HD	26671	3200	2508-3200 HD	26681	4200	2508-4200 HD	26691
300	2508-0300 HD	26652	1300	2508-1300 HD	26662	2300	2508-2300 HD	26672	3300	2508-3300 HD	26682	4300	2508-4300 HD	26692
400	2508-0400 HD	26653	1400	2508-1400 HD	26663	2400	2508-2400 HD	26673	3400	2508-3400 HD	26683	4400	2508-4400 HD	26693
500	2508-0500 HD	26654	1500	2508-1500 HD	26664	2500	2508-2500 HD	26674	3500	2508-3500 HD	26684	4500	2508-4500 HD	26694
600	2508-0600 HD	26655	1600	2508-1600 HD	26665	2600	2508-2600 HD	26675	3600	2508-3600 HD	26685	4600	2508-4600 HD	26695
700	2508-0700 HD	26656	1700	2508-1700 HD	26666	2700	2508-2700 HD	26676	3700	2508-3700 HD	26686	4700	2508-4700 HD	26696
800	2508-0800 HD	26657	1800	2508-1800 HD	26667	2800	2508-2800 HD	26677	3800	2508-3800 HD	26687	4800	2508-4800 HD	26697
900	2508-0900 HD	26658	1900	2508-1900 HD	26668	2900	2508-2900 HD	26678	3900	2508-3900 HD	26688	4900	2508-4900 HD	26698
1000	2508-1000 HD	26659	2000	2508-2000 HD	26669	3000	2508-3000 HD	26679	4000	2508-4000 HD	26689	5000	2508-5000 HD	26699

2630 EXTRA HEAVY DUTY BELTS

**PATENT
PENDING**



Version standard (LFG material)

Strength and weight data for other materials available on request.

Backflex radius: 60 mm

Max load capacity: 115 kN/m

Weight: 34 kg/m²

Standard length:

Belt width ≤ 800 mm: 16 pitches

Belt width ≥ 800 mm: 12 pitches

Pin material: PBT (white).

Steel pins optionally available.

Standard materials

LFG	PPLG
Low Friction Acetal Resin Dark Grey	Polypropylene Light Grey

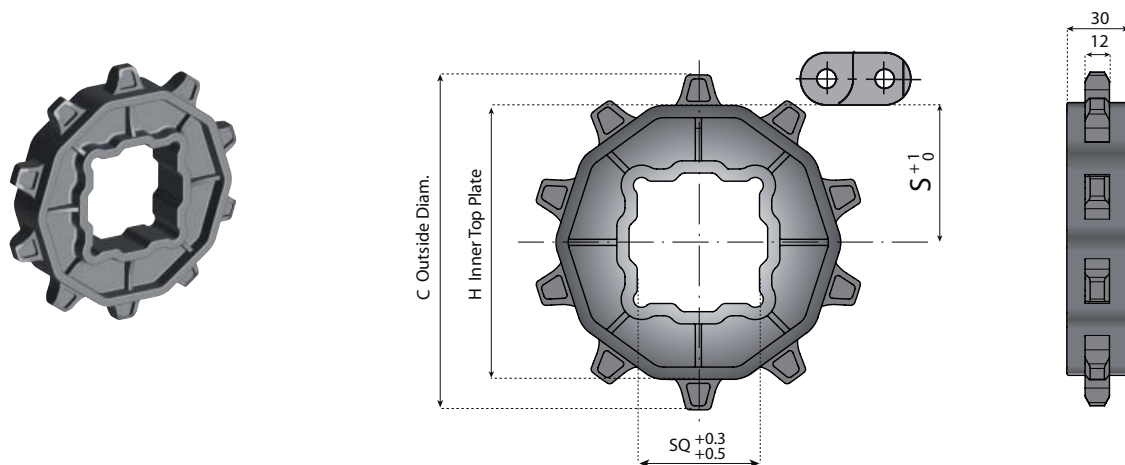
Other possible materials

POM-AS	POM-EC	PP-FR-EC
Anti-static Acetal Black	Electrically Conductive Acetal Black	Flame Retardant Electrically Conductive Polypropylene Black

THE CODES BELOW ARE FOR BELTS IN LFG MATERIAL AND WITH PBT PINS. FOR BELTS IN PPLG, JUST ADD "PPLG" TO THE PART NUMBER (example code 26700-PPLG)

Width W mm	Belts Ref.	Code	Width W mm	Belts Ref.	Code	Width W mm	Belts Ref.	Code	Width W mm	Belts Ref.	Code	Width W mm	Belts Ref.	Code
100	2630-0100 XHD	26700	1100	2630-1100 XHD	26710	2100	2630-2100 XHD	26720	3100	2630-3100 XHD	26730	4100	2630-4100 XHD	26740
			1200	2630-1200 XHD	26711	2200	2630-2200 XHD	26721	3200	2630-3200 XHD	26731	4200	2630-4200 XHD	26741
300	2630-0300 XHD	26702	1300	2630-1300 XHD	26712	2300	2630-2300 XHD	26722	3300	2630-3300 XHD	26732	4300	2630-4300 XHD	26742
400	2630-0400 XHD	26703	1400	2630-1400 XHD	26713	2400	2630-2400 XHD	26723	3400	2630-3400 XHD	26733	4400	2630-4400 XHD	26743
500	2630-0500 XHD	26704	1500	2630-1500 XHD	26714	2500	2630-2500 XHD	26724	3500	2630-3500 XHD	26734	4500	2630-4500 XHD	26744
600	2630-0600 XHD	26705	1600	2630-1600 XHD	26715	2600	2630-2600 XHD	26725	3600	2630-3600 XHD	26735	4600	2630-4600 XHD	26745
700	2630-0700 XHD	26706	1700	2630-1700 XHD	26716	2700	2630-2700 XHD	26726	3700	2630-3700 XHD	26736	4700	2630-4700 XHD	26746
800	2630-0800 XHD	26707	1800	2630-1800 XHD	26717	2800	2630-2800 XHD	26727	3800	2630-3800 XHD	26737	4800	2630-4800 XHD	26747
900	2630-0900 XHD	26708	1900	2630-1900 XHD	26718	2900	2630-2900 XHD	26728	3900	2630-3900 XHD	26738	4900	2630-4900 XHD	26748
1000	2630-1000 XHD	26709	2000	2630-2000 XHD	26719	3000	2630-3000 XHD	26729	4000	2630-4000 XD	26739	5000	2630-5000 XHD	26749

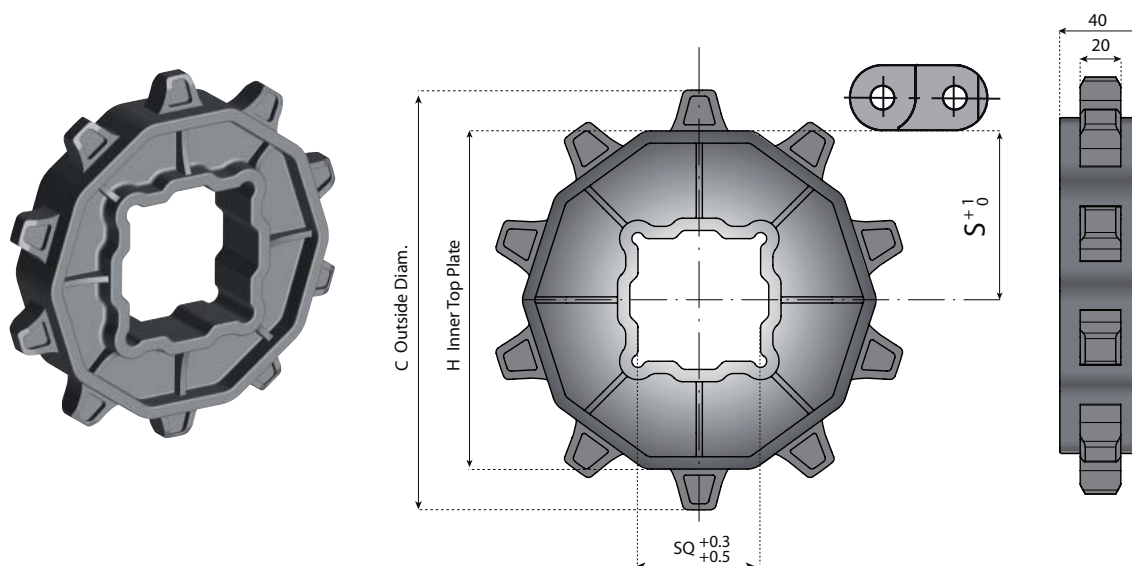
The sprockets for 2508 and 2630 series have a polygonal shape to provide optimum belt support. This is important for belts that have a large pitch and work with very high loads.



STANDARD SPROCKETS SQUARE BORE			
Z	C mm	H mm	S mm
10	160.4	134.4	68.5
12	193.6	167.6	83.8
16	259.4	233.4	116.7

Material: reinforced polyamide.

On request we can also provide machined sprockets with a different number of teeth or a different bore size. Please contact our Application Engineers to discuss the possibilities.



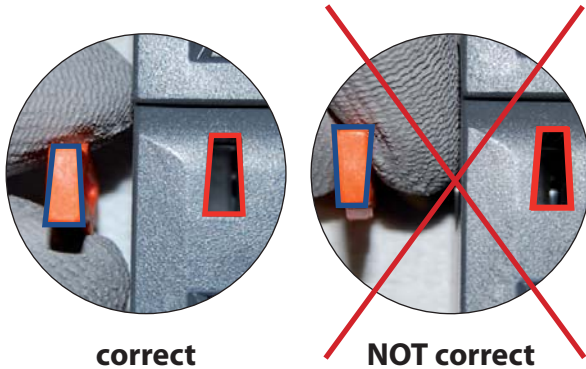
STANDARD SPROCKETS SQUARE BORE			
Z	C mm	H mm	S mm
10	203.4	165.5	84.6
13	265.3	"227.7"	113.8
15	305.4	"268.8"	134.4

Material: reinforced polyamide.

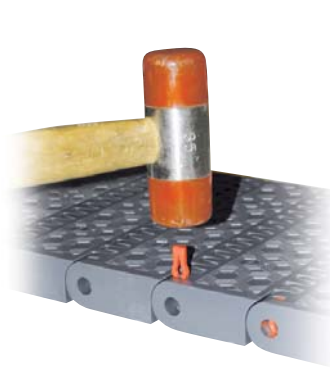
On request we can also provide machined sprockets with a different number of teeth or a different bore size. Please contact our Application Engineers to discuss the possibilities.

Another feature is the clip that keeps the pins in their position. Installing the clip is very simple, but more importantly, even in a very polluted belt (for example in a car wash installation) it is easy to remove the clip by a screw driver and a hammer. Of course without damaging the belt nor the clip. Both can be used again.

CLIP ORIENTATION



INSERT CLIP



REMOVE CLIP

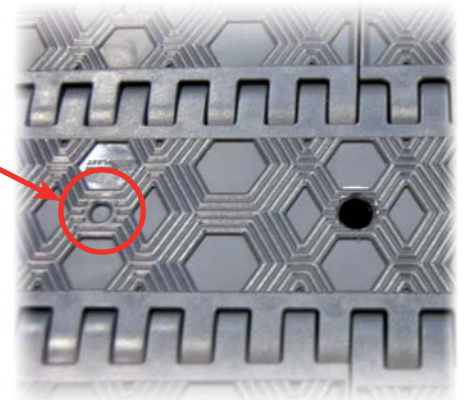


System Plast 2508 and 2630 series belts have been designed for use in the automotive industry. Obviously, the belts will also serve in related industries like car wash installations and other heavy duty applications. One unique feature that we have implemented is the possibility to attach a pusher bar in a very simple way. The modules have prepared holes at a pitch of 50 mm. These holes can easily be opened by drilling into the centre of the indicated circle. Then a thread can be made for M8 bolts. Attaching a bar will then be very easy. The pictures on this page illustrate this clearly. A detailed data sheet with installation instructions is available.

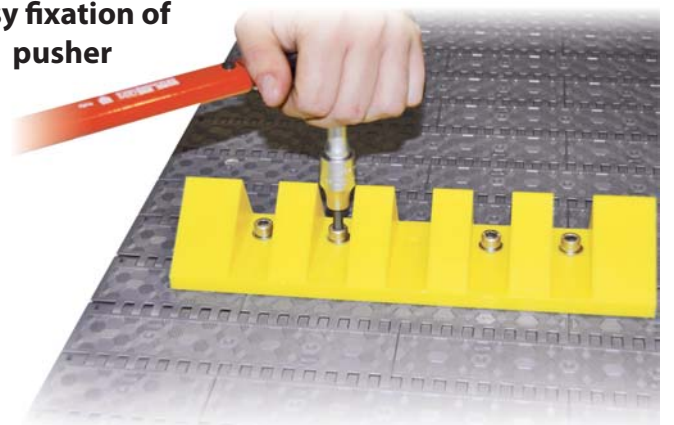
Very easy to drill and cut M8 thread



Pre defined drill positions



Easy fixation of pusher



MATERIALS

LFG

Low Friction Acetal Resin
Dark Grey

Low friction Acetal resin. Standard material for both belt series. Can be used in applications like skid conveyors and car wash installations. Offers low friction, high strength and very good wear resistance. Silicon free.

Color of the belt is dark grey.

The clips in this belt are made of acetal in waterblue color.



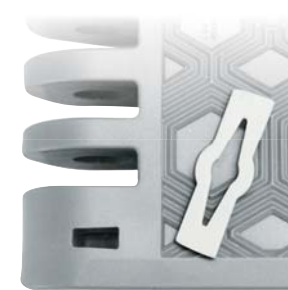
PPLG

Polypropylene
Light Grey

Polypropylene. This is the most cost effective material. Mechanical strength is about 50% of the strength of LFG material. Can be used in less demanding applications. Silicon free.

Color of the belt is light grey.

The clips in this belt are made of acetal in white color.



POM-AS

Anti-static Acetal
Black

Anti Static Low friction Acetal resin. This material offers a surface resistivity according to IEC 60093 of 10^6 to 10^9 Ohm. Can be used in applications where anti static properties are required like people movers. Also offers low friction, high strength and very good wear resistance. Silicon free.

Color of the belt is black.

The clips in this belt are made of acetal in yellow color.



POM-EC

Electrically
Conductive Acetal
Black

Electrically Conductive Low friction Acetal resin. This material offers a surface resistivity according to IEC 60093 of 10^3 to 10^4 Ohm. Can be used in applications where an electrostatic charge of the belt must be avoided. Also offers low friction, high strength and very good wear resistance. Silicon free.

Color of the belt is black.

The clips in this belt are made of acetal in orange color.



PP-FR-EC

Flame Retardant Electrically
Conductive Polypropylene
Black

Flame Retardant Electrically Conductive Polypropylene. Flammability of this material according to UL94 is classified as V0. It offers a surface resistivity according to IEC 60093 of 10^3 to 10^4 Ohm. Can be used in applications where an electrostatic charge of the belt must be avoided and where the belt should be flame retardant. Base material is Polypropylene, so the mechanical strength is about 50% of the strength of LFG material. Silicon free.

Color of the belt is black.

The clips in this belt are made of acetal in white color.

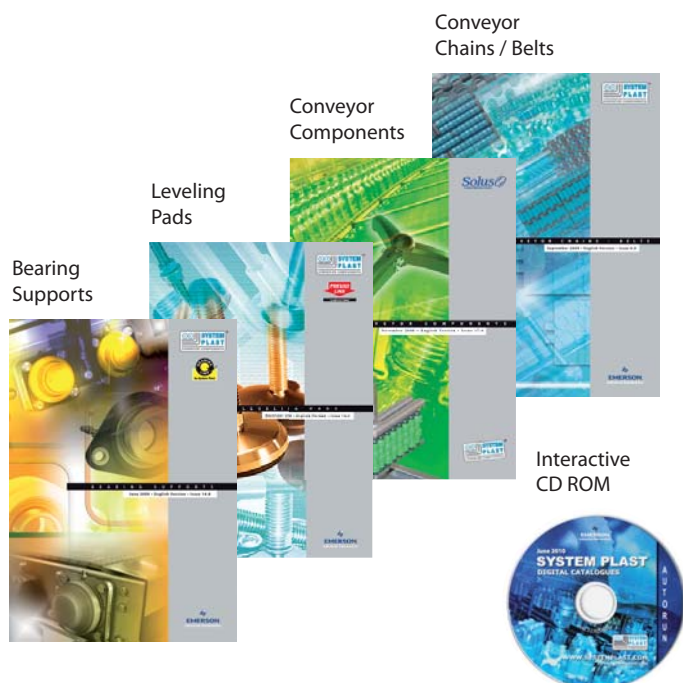


The pins in all LFG, PPLG, POM-AS and POM-EC belts will be made of PBT. Pins in PP-FR-EC belts will be made of stainless steel, AISI 430. On request also other belts can be made with stainless steel pins.

Catalogues available on request

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