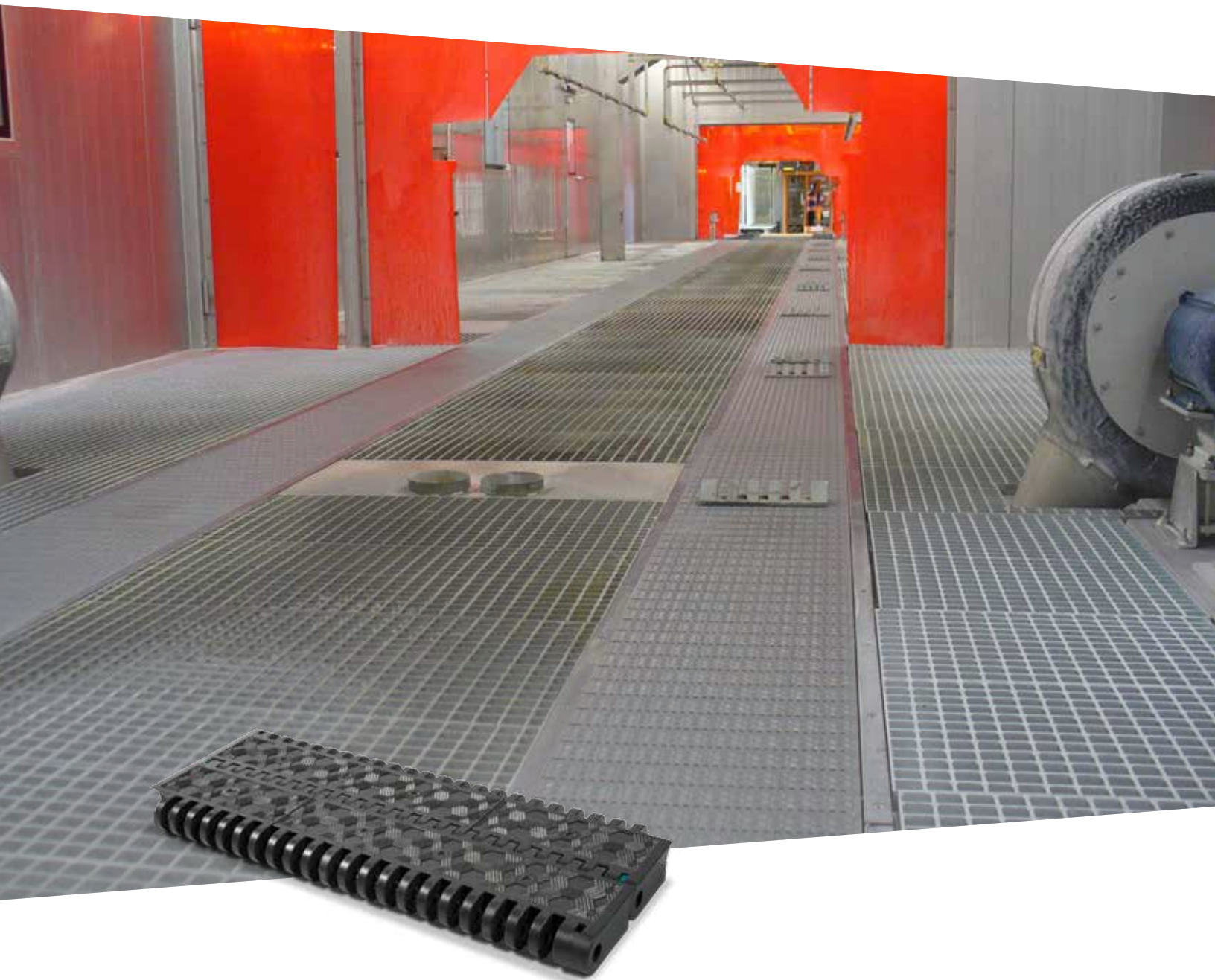


**SYSTEM
PLAST™**

Extra Heavy Duty Modular Belts

2508 & 2630 Series



A Regal Brand

REGAL



**Dual Strand
Test Tunnel**

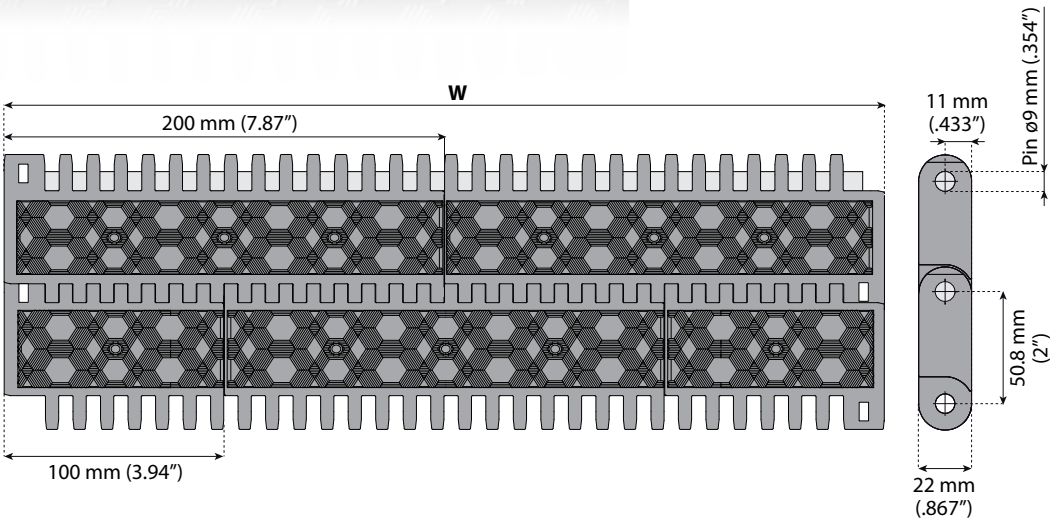
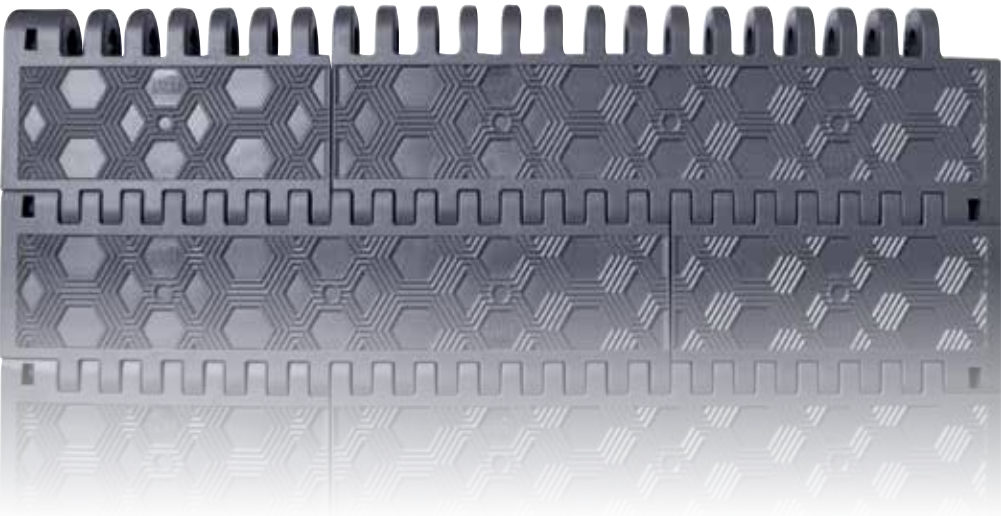


**Single Strand
Car Wash**



**Individual Pushers
Mount Easily On
Belt Surface**

2508 Heavy Duty Belts



Version standard (LFG material)
Strength and weight data for other materials available on request.
Backflex radius: 55 mm (2.16")
Max load capacity: 80 kN/m (5480 lbs/ft)
Weight: 22.5 kg/m² (4.61 lbs/ft²)
Standard length:
Belt width ≤ 800 mm: 20 pitches (1.016 m)
Belt width > 800 mm: 15 pitches (0.762 m)
Pin material: PBT (white).
Steel pins optionally available.

Standard Materials

LFG	PPLG
Low Friction Acetal Resin Dark Grey	Polypropylene Light Grey

Optional Materials

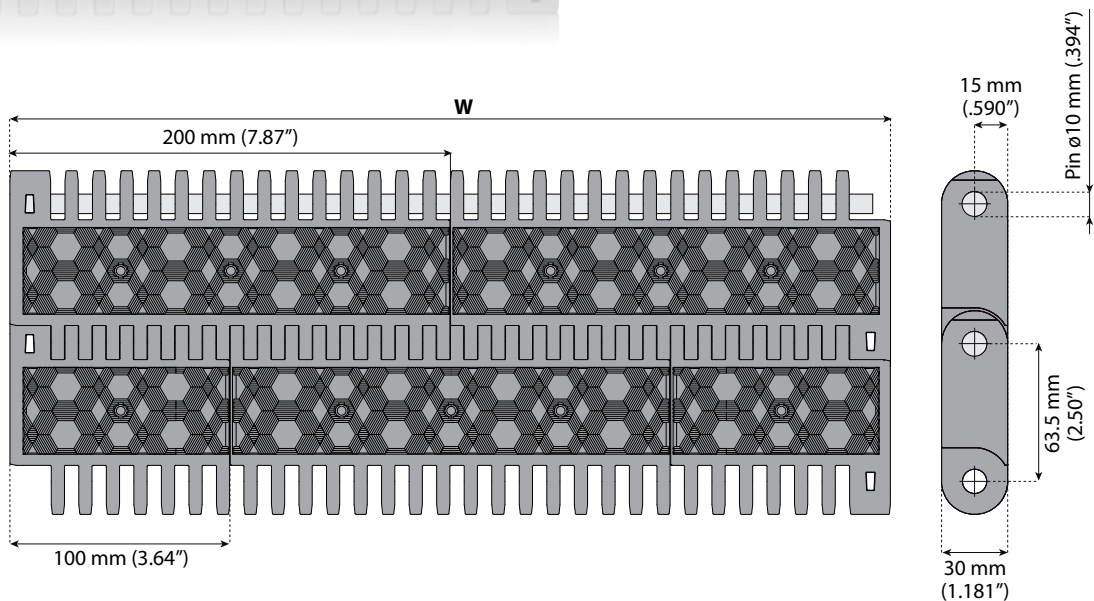
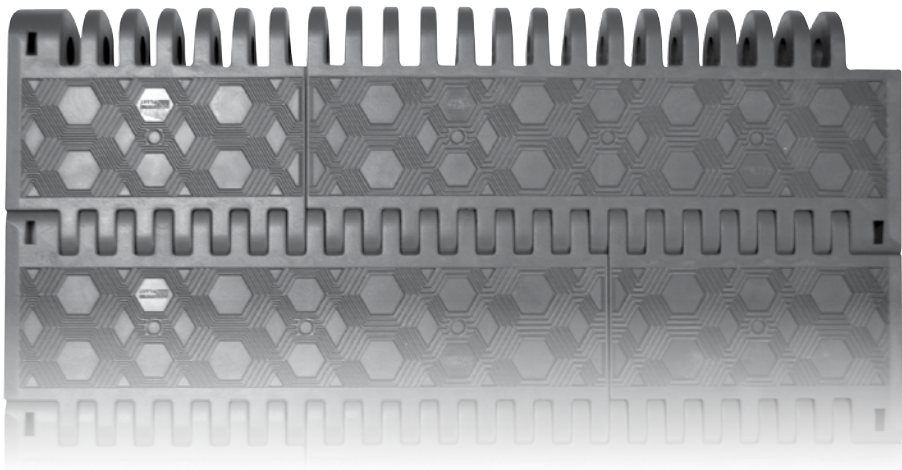
POM-AS	POM-EC	PP-FR-EC
Anti-static Acetal Black	Electrically Conductive Acetal Black	Flame Retardant Electrically Conductive Polypropylene Black

THE CODES BELOW ARE FOR BELTS IN LFG MATERIAL AND WITH PBT PINS. FOR BELTS IN OPTIONAL MATERIALS, PLEASE CONTACT CUSTOMER SERVICE.

Width W mm	Description	Item #	Width W mm	Description	Item #	Width W mm	Description	Item #	Width W mm	Description	Item #
-	-	-	1100	LFG2508FTS-M1100	26660	2100	LFG2508FTS-M2100	26670	3100	LFG2508FTS-M3100	26680
-	-	-	1200	LFG2508FTS-M1200	26661	2200	LFG2508FTS-M2200	26671	3200	LFG2508FTS-M3200	26681
300	LFG2508FTS-M0300	26652	1300	LFG2508FTS-M1300	26662	2300	LFG2508FTS-M2300	26672	3300	LFG2508FTS-M3300	26682
400	LFG2508FTS-M0400	26653	1400	LFG2508FTS-M1400	26663	2400	LFG2508FTS-M2400	26673	3400	LFG2508FTS-M3400	26683
500	LFG2508FTS-M0500	26654	1500	LFG2508FTS-M1500	26664	2500	LFG2508FTS-M2500	26674	3500	LFG2508FTS-M3500	26684
600	LFG2508FTS-M0600	26655	1600	LFG2508FTS-M1600	26665	2600	LFG2508FTS-M2600	26675	3600	LFG2508FTS-M3600	26685
700	LFG2508FTS-M0700	26656	1700	LFG2508FTS-M1700	26666	2700	LFG2508FTS-M2700	26676	3700	LFG2508FTS-M3700	26686
800	LFG2508FTS-M0800	26657	1800	LFG2508FTS-M1800	26667	2800	LFG2508FTS-M2800	26677	3800	LFG2508FTS-M3800	26687
900	LFG2508FTS-M0900	26658	1900	LFG2508FTS-M1900	26668	2900	LFG2508FTS-M2900	26678	3900	LFG2508FTS-M3900	26688
1000	LFG2508FTS-M1000	26659	2000	LFG2508FTS-M2000	26669	3000	LFG2508FTS-M3000	26679	4000	LFG2508FTS-M4000	26689

Other widths available on request.

2630 Extra Heavy Duty Belts



Version standard (LFG material)
Strength and weight data for other materials available on request.
Backflex radius: 60 mm (2.36")
Max load capacity: 115 kN/m (7879 lbs/ft)
Weight: 29.5 kg/m² (6.39 lbs/ft)
Standard length:
Belt width ≤ 800 mm: 16 pitches (1.016 m)
Belt width > 800 mm: 12 pitches (0.762 m)
Pin material: PBT (white).
Steel pins optionally available.

Standard Materials

LFG	PPLG
Low Friction Acetal Resin Dark Grey	Polypropylene Light Grey

Optional 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 OPTIONAL MATERIALS, PLEASE CONTACT CUSTOMER SERVICE.

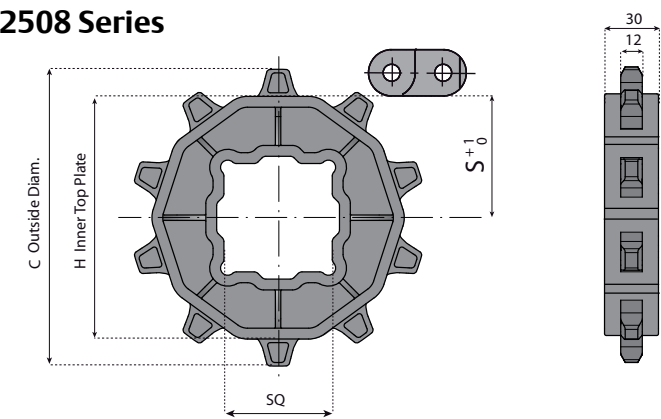
Width W mm	Description	Item #	Width W mm	Description	Item #	Width W mm	Description	Item #	Width W mm	Description	Item #
100	-	26700	1100	LFG2630FTS-M1100	26710	2100	LFG2630FTS-M2100	26720	3100	LFG2630FTS-M3100	26730
-	-	-	1200	LFG2630FTS-M1200	26711	2200	LFG2630FTS-M2200	26721	3200	LFG2630FTS-M3200	26731
300	LFG2630FTS-M0300	26702	1300	LFG2630FTS-M1300	26712	2300	LFG2630FTS-M2300	26722	3300	LFG2630FTS-M3300	26732
400	LFG2630FTS-M0400	26703	1400	LFG2630FTS-M1400	26713	2400	LFG2630FTS-M2400	26723	3400	LFG2630FTS-M3400	26733
500	LFG2630FTS-M0500	26704	1500	LFG2630FTS-M1500	26714	2500	LFG2630FTS-M2500	26724	3500	LFG2630FTS-M3500	26734
600	LFG2630FTS-M0600	26705	1600	LFG2630FTS-M1600	26715	2600	LFG2630FTS-M2600	26725	3600	LFG2630FTS-M3600	26735
700	LFG2630FTS-M0700	26706	1700	LFG2630FTS-M1700	26716	2700	LFG2630FTS-M2700	26726	3700	LFG2630FTS-M3700	26736
800	LFG2630FTS-M0800	26707	1800	LFG2630FTS-M1800	26717	2800	LFG2630FTS-M2800	26727	3800	LFG2630FTS-M3800	26737
900	LFG2630FTS-M0900	26708	1900	LFG2630FTS-M1900	26718	2900	LFG2630FTS-M2900	26728	3900	LFG2630FTS-M3900	26738
1000	LFG2630FTS-M1000	26709	2000	LFG2630FTS-M2000	26719	3000	LFG2630FTS-M3000	26729	4000	LFG2630FTS-M4000	26739

Other widths available on request.

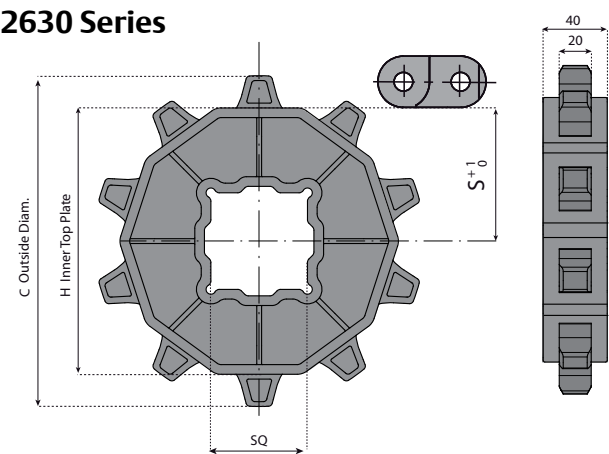
Metric Bore Molded Sprockets

These molded sprockets consist of a one piece design with polygonal shape to provide optimum belt support.

2508 Series



2630 Series



ONE PIECE SPROCKETS SQUARE BORE - Floating				
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	

ONE PIECE SPROCKETS SQUARE BORE - Floating	
60x60 mm	90x90 mm
Item Description	
2508-10S60M-D	-
2508-12S60M-D	2508-12S90M-D
2508-16S60M-D	2508-16S90M-D

Material: reinforced polyamide

ONE PIECE SPROCKETS SQUARE BORE - Floating				
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	

ONE PIECE SPROCKETS SQUARE BORE - Floating	
60x60 mm	90x90 mm
Item Description	
2630-10S60M-D	-
2630-13S60M-D	2630-13S90M-D
2630-15S60M-D	2630-15S90M-D

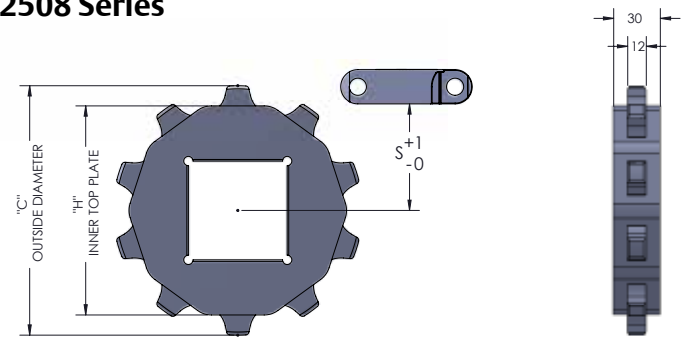
Material: reinforced polyamide

Upon special request, machined sprocket with bore may also be available.

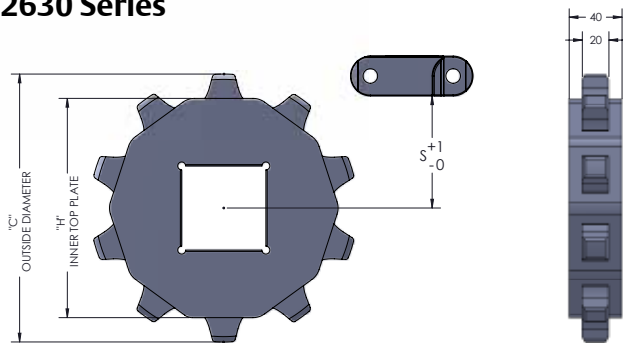
Inch Bore Machined Sprockets

These sprockets duplicate the polygonal shape of the molded sprockets for strength, and are provided in a one piece machined version.

2508 Series



2630 Series



ONE PIECE SPROCKETS SQUARE BORE - Floating				
Z	C in	H in	S in	
12	7.62	6.59	3.29	
16	10.21	9.18	4.59	

ONE PIECE SPROCKETS SQUARE BORE - Floating	
2-1/2" x 2-1/2"	3-1/2" x 3-1/2"
Item Description	
2508-12S2.5-DM	2508-12S3.5-DM
2508-16S2.5-DM	2508-16S3.5-DM

Material: polyamide

ONE PIECE SPROCKETS SQUARE BORE - Floating				
Z	C in	H in	S in	
13	10.44	8.96	4.48	
15	12	10.58	5.29	

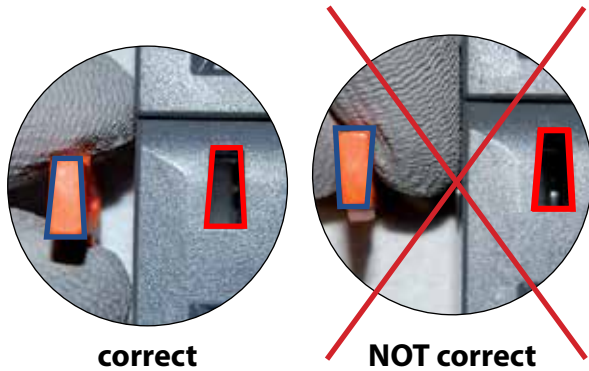
ONE PIECE SPROCKETS SQUARE BORE - Floating	
2-1/2" x 2-1/2"	3-1/2" x 3-1/2"
Item Description	
2630-13S2.5-DM	2630-13S3.5-DM
2630-15S2.5-DM	2630-15S3.5-DM

Material: polyamide

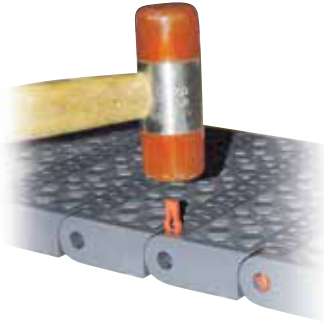
Special Features

A unique design feature of these belts is the clip that retains the pins. Installation of the clip is simple, but more importantly, even in a very dirty application (such as a car wash installation) it is easy to remove the clip by using a screw driver and tapping lightly with a hammer. The clip can be removed or inserted from the top or bottom of the belt and is reusable. It is also positioned away from the belt edge to protect it from wear or damage.

CLIP ORIENTATION



INSERT CLIP



REMOVE CLIP

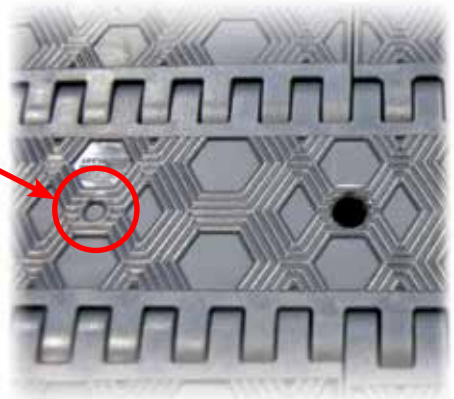


System Plast™ 2508 and 2630 series belts can be used in a variety of heavy duty applications, but their main design focus was for use in the automobile and car wash industries. With these industries in mind another unique design was created for the installation of pusher bars. The belt modules have mounting holes located on 50mm centers which match the pusher bar mounts. These holes are identified within the module surface pattern for easy identification and pusher bar installation with M8 bolts. Disassembly of the belt is not required for installation, removal or relocation of the pusher bar.

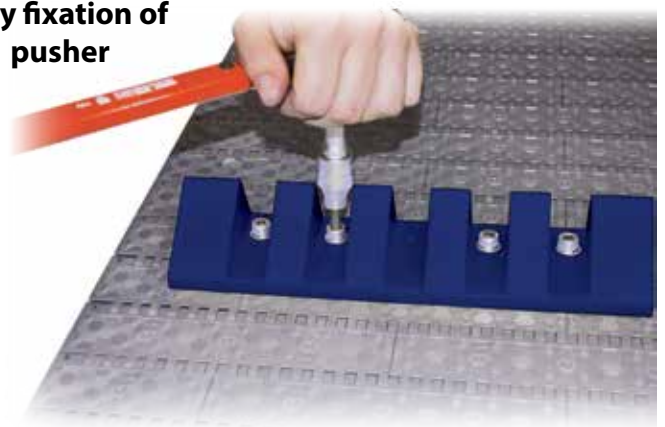
Very easy to drill and cut M8 thread



Pre defined drill positions



Easy fixation of pusher



Standard 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.



Optional Materials

POM-AS

Anti-static Acetal
Black

Anti Static Low friction Acetal resin. This material offers a surface resistivity according to IEC 60093 of 106 to 109 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 103 to 104 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 103 to 104 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.

SYSTEM PLAST™

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Fax: 800-262-3292

Technical Service: 800-626-2093

www.RegalPTS.com

APPLICATION CONSIDERATIONS

The proper selection and application of power transmission products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal-Beloit America, Inc. and its affiliates with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk.

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