MODUTECH®

EC508

Modular Belt Series

EC508 C
EC508 PR%22
EC508 FG
EC508 FG-NT
EC508 PR%11
EC508 PR%13
EC508 DT
EC508 NT
Sprockets & Accessories
Engineering Information

www.modutech.com.tr

FDA







EC508 C

Modular Belt Series

- ***Meat Applications***

Slaughtering - Evisceration, Cutting Lines, Debonning Lines, Bone Takeaway, Dressing Lines, Trim Lines

- ***Poultry Applications***

Live Birds, Slaughtering - Evisceration, Skinning, Cut - Up, Chiller Discharge, Bird Accumulation, Freezing Lines, Elevator

- ***Sea Food Applications***

Trim Lines, Control Tables, Glazing, Elevator

- ***Bakery Applications***

Row Dough Handling, Laminating Lines

- ***Snack Food Applications***

Potato Processing

- ***Fruits and Vegetables Applications***

Bulk Feeding, Elevator, Control Sorting Table, Filling

- ***Automotive Applications***

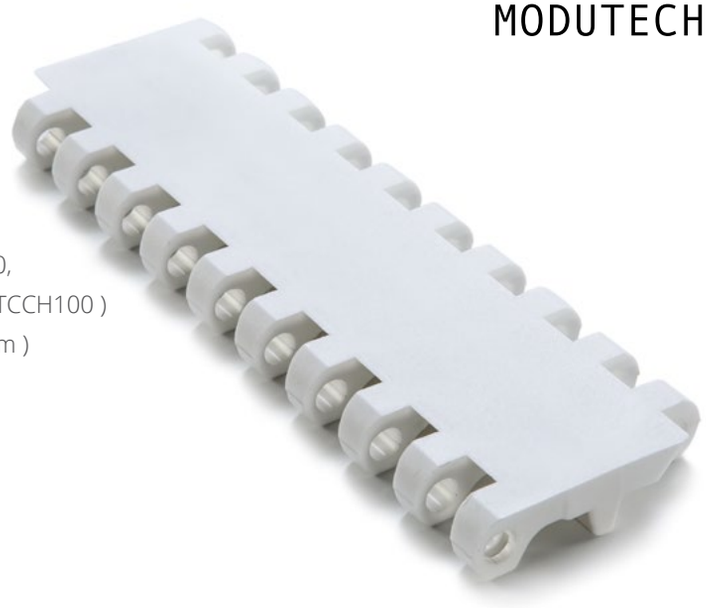
Chair Lift - Feader

- ***Packaging Applications***

Bluk Inclines, Box Transport Horizontal

EC508 C

Pitch:	50,8 mm / **2 inch**
Belt Surface:	Close, Smooth Surface
Minimum Width:	100 mm / **3.94 inch**
Open Area (%):	0%
Flight:	Yes (T25, T50, T75, T100, T150, TNC50, TNC100, TC75, TC100, TC150, TCC75, TCC100, TCC150, TCCH100)
Sidewall:	Yes (h=25 mm, h=50 mm, h=75 mm, h=100 mm)
Rod:	Ø7 mm / **0.276 inch** - Self Lock
Approved:	FDA and EU
Curve:	No
Color:	Additional colors available
Cleanability:	Excellent
Belt Thickness:	16 mm / **0.630 inch**



Product Features and Functional Benefits

- Easy to clean reduces downtime for cleaning time 70%.
- Close transfer applications.
- Reduces bacteria growth.
- Unique sprocket engagement - higher product load and longer conveyors.
- Strong and thick product supports allow more load without breaking.
- Impact resistance to withstand heavy objects falling into the belt.

Available Moulded Module Sizes

- 200 mm / **7.87 inch** module
- 100 mm / **3.94 inch** module
- 60 mm / **2.36 inch** module
- 40 mm / **1.57 inch** module

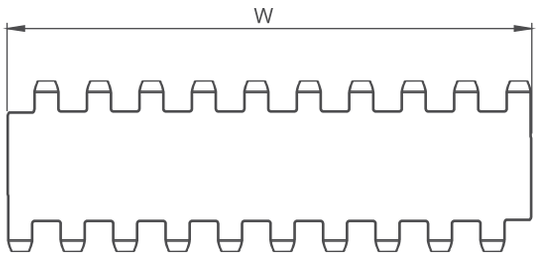
EC508 C / Technical Information

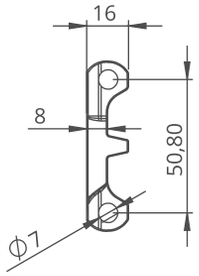
BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / **°F** (min.)	°C / **°F** (max.)	Kg/m² / **lb/ft²**
	N/m	**lb/ft**	N/m	**lb/ft**			
Polypropylene	19800	**1356**	-	-	+5 / **+41**	+90 / **+194**	9,0 / **1.85**
Polyethylene	11000	**753**	-	-	-73 / **-99.4**	+66 / **+150.8**	9,4 / **1.93**
Acetal	33000	**2260**	-	-	-43 / **-45.4**	+110 / **+230**	13,5 / **2.77**

- Belt strength and temperature values are maximum on the table.

EC508 C / Standard Belt Widths

BELT SERIES	WIDTH (W)				Belt With Tolerance (max.)
	PP-PE		POM		
	mm	**inch**	mm	**inch**	
EC 508 C	200,0	**7.87**	200,0	**7.87**	± 1 mm
EC 508 C	300,0	**11.81**	300,0	**11.81**	± 2 mm
EC 508 C	400,0	**15.75**	400,0	**15.75**	± 2 mm
EC 508 C	500,0	**19.69**	500,0	**19.69**	± 2 mm
EC 508 C	600,0	**23.62**	600,0	**23.62**	± 3 mm
EC 508 C	700,0	**27.56**	700,0	**27.56**	± 3 mm
EC 508 C	800,0	**31.50**	800,0	**31.50**	± 3 mm
EC 508 C	900,0	**35.43**	900,0	**35.43**	± 4 mm
EC 508 C	1000,0	**39.37**	1000,0	**39.37**	± 4 mm
EC 508 C	1100,0	**43.31**	1100,0	**43.31**	± 4 mm
EC 508 C	1200,0	**47.24**	1200,0	**47.24**	± 4 mm
EC 508 C	1300,0	**51.18**	1300,0	**51.18**	± 5 mm
EC 508 C	1400,0	**55.11**	1400,0	**55.11**	± 5 mm
EC 508 C	1500,0	**59.06**	1500,0	**59.06**	± 5 mm





- Standard belt increments 100 mm.
- Non-standard belt increments 20 mm.
- Please contact with customer service for precise belt measurements.



EC508 PR%22

Modular Belt Series

- ***Meat Applications***

Dressing Lines, Trim Lines, Elevator, Metal Detector

- ***Poultry Applications***

Cut-up Lines, Debonning Lines, Chiller Discharge, Rehang / Bird Accumulation, Freezing Lines, Elevators

- ***Sea Food Applications***

Draining, Elevator

- ***Snack Food Applications***

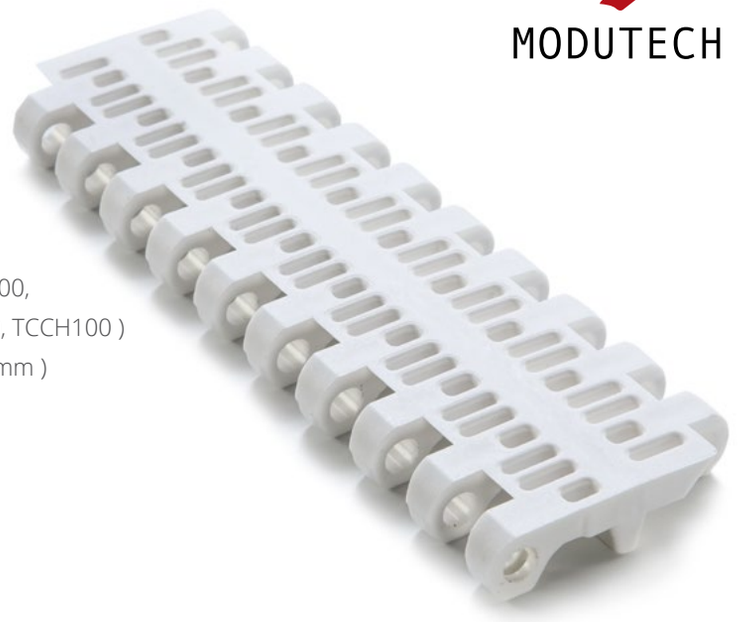
Can Draining

- ***Fruits and Vegetables Applications***

Prewashing / Rinsing, Draining, Peeling, Elevator, Blanching

EC508 PR%22

Pitch:	50,8 mm / **2 inch**
Belt Surface:	Open, Smooth Surface
Minimum Width:	100 mm / **3.94 inch**
Open Area (%):	22%. (Biggest opening 3 x 12 mm)
Flight:	Yes (T25, T50, T75, T100, T150, TNC50, TNC100, TC75, TC100, TC150, TCC75, TCC100, TCC150, TCCH100)
Sidewall:	Yes (h=25 mm, h=50 mm, h=75 mm, h=100 mm)
Rod:	Ø7 mm / **0.276 inch** - Self Lock
Approved:	FDA and EU
Curve:	No
Color:	Additional colors available
Cleanability:	Excellent
Belt Thickness:	16 mm / **0.630 inch**



Product Features and Functional Benefits

- Unique sprocket engagement - precise indexing, easy cleaning.
- Different openings to optimize performance in cooling and draining applications.
- Easy to clean reduces downtime for cleaning time 70%.
- Unique sprocket engagement - higher product load and longer conveyors.
- Reduces bacteria growth.

Available Moulded Module Sizes

- 200 mm / **7.87 inch** module
- 100 mm / **3.94 inch** module
- 60 mm / **2.36 inch** module
- 40 mm / **1.57 inch** module

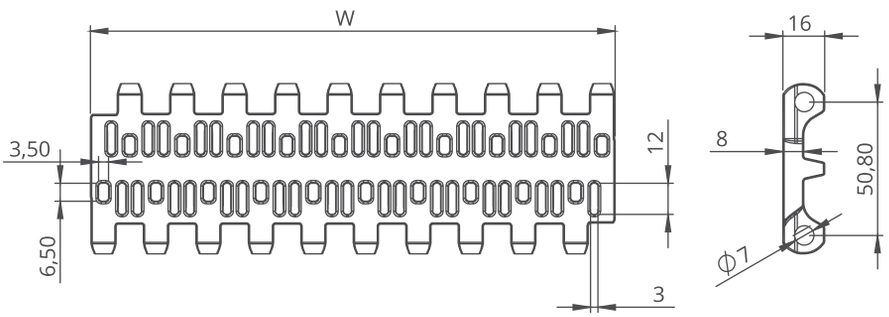
EC508 PR%22 / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve				
	N/m	**lb/ft**	N/m	**lb/ft**	°C / **°F** (min.)	°C / **°F** (max.)	Kg/m² / **lb/ft²**
Polypropylene	19800	**1356**	-	-	+5 / **+41**	+90 / **+194**	6,7 / **1.37**
Polyethylene	11000	**753**	-	-	-73 / **-99.4**	+66 / **+150.8**	7,0 / **1.43**
Acetal	33000	**2260**	-	-	-43 / **-45.4**	+110 / **+230**	8,7 / **1.78**

- Belt strength and temperature values are maximum on the table.

EC508 PR%22 / Standard Belt Widths

BELT SERIES	WIDTH (W)				Belt With Tolerance (max.)
	PP-PE		POM		
	mm	**inch**	mm	**inch**	
EC508 PR22	200,0	**7.87**	200,0	**7.87**	± 1 mm
EC508 PR22	300,0	**11.81**	300,0	**11.81**	± 2 mm
EC508 PR22	400,0	**15.75**	400,0	**15.75**	± 2 mm
EC508 PR22	500,0	**19.69**	500,0	**19.69**	± 2 mm
EC508 PR22	600,0	**23.62**	600,0	**23.62**	± 3 mm
EC508 PR22	700,0	**27.56**	700,0	**27.56**	± 3 mm
EC508 PR22	800,0	**31.50**	800,0	**31.50**	± 3 mm
EC508 PR22	900,0	**35.43**	900,0	**35.43**	± 4 mm
EC508 PR22	1000,0	**39.37**	1000,0	**39.37**	± 4 mm
EC508 PR22	1100,0	**43.31**	1100,0	**43.31**	± 4 mm
EC508 PR22	1200,0	**47.24**	1200,0	**47.24**	± 4 mm
EC508 PR22	1300,0	**51.18**	1300,0	**51.18**	± 5 mm
EC508 PR22	1400,0	**55.11**	1400,0	**55.11**	± 5 mm
EC508 PR22	1500,0	**59.06**	1500,0	**59.06**	± 5 mm



- Standard belt increments 100 mm.
- Non-standard belt increments 20 mm.
- Please contact with customer service for precise belt measurements.



EC508 FG

Modular Belt Series

- **Bakery Applications**

Oven Infeed/Outfeed, Cooling Lines, Coating Lines, Glazing Lines, Freezing Lines, Conditioning Lines

- **Sea Food Applications**

Breading Machines, Draining Lines

- **Snack Food Applications**

Proofer Lines, Boiler Infeed, Oven Infeed / Outfeed, Cooling Lines

- **Fruits and Vegetables Applications**

Prewashing / Rinsing, Draining

- **Tire Manufacturing Applications**

Mixer Infeed / Outfeed, Extrusion Shower Lines, Cooling Incline, Cooling Decline, Cooling Horizontal

EC508 FG

MODUTECH



Pitch:	50,8 mm / **2 inch**
Belt Surface:	Open, Smooth Surface
Minimum Width:	200 mm / **7.87 inch**
Open Area (%):	35%. (Biggest opening 9 x 12 mm)
Flight:	Yes (T25, T50, T75, T100, T150, TNC50, TNC100, TC75, TC100, TC150, TCC75, TCC100, TCC150, TCCH100)
Sidewall:	Yes (h=25 mm, h=50 mm, h=75 mm, h=100 mm)
Rod:	Ø7 mm / **0.276 inch** - Self Lock
Approved:	FDA and EU
Curve:	No
Color:	Additional colors available
Cleanability:	Excellent
Belt Thickness:	16 mm / **0.630 inch**

Product Features and Functional Benefits

- Belt provides optimal open area for drainage and airflow.
- Less friction and product contact for easy cooking, cooling and freezing of products.
- Reduced dirt and oxide build due to self cleaning surface.
- Easy to clean reduces downtime for cleaning time 70%.

Available Moulded Module Sizes

- 200 mm / **7.87 inch** module

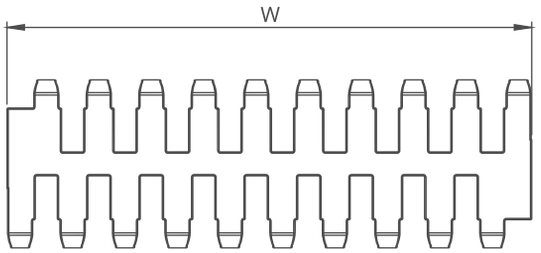
EC508 FG / Technical Information

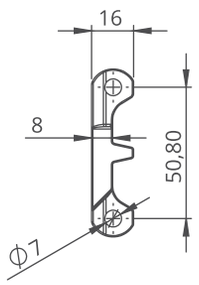
BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / **°F** (min.)	°C / **°F** (max.)	Kg/m² / **lb/ft²**
	N/m	**lb/ft**	N/m	**lb/ft**			
Polypropylene	17600	**1205**	-	-	+5 / **+41**	+90 / **+194**	7,5 / **1.54**
Polyethylene	7700	**528**	-	-	-73 / **-99.4**	+66 / **+150.8**	8,0 / **1.65**
Acetal	27500	**1883**	-	-	-43 / **-45.4**	+110 / **+230**	11,0 / **2.25**

- Belt strength and temperature values are maximum on the table.

EC508 FG / Standard Belt Widths

BELT SERIES	WIDTH (W)				Belt With Tolerance (max.)
	PP-PE		POM		
	mm	**inch**	mm	**inch**	
EC 508 FG	200,0	**7.87**	200,0	**7.87**	± 1 mm
EC 508 FG	300,0	**11.81**	300,0	**11.81**	± 2 mm
EC 508 FG	400,0	**15.75**	400,0	**15.75**	± 2 mm
EC 508 FG	500,0	**19.69**	500,0	**19.69**	± 2 mm
EC 508 FG	600,0	**23.62**	600,0	**23.62**	± 3 mm
EC 508 FG	700,0	**27.56**	700,0	**27.56**	± 3 mm
EC 508 FG	800,0	**31.50**	800,0	**31.50**	± 3 mm
EC 508 FG	900,0	**35.43**	900,0	**35.43**	± 4 mm
EC 508 FG	1000,0	**39.37**	1000,0	**39.37**	± 4 mm
EC 508 FG	1100,0	**43.31**	1100,0	**43.31**	± 4 mm
EC 508 FG	1200,0	**47.24**	1200,0	**47.24**	± 4 mm
EC 508 FG	1300,0	**51.18**	1300,0	**51.18**	± 5 mm
EC 508 FG	1400,0	**55.11**	1400,0	**55.11**	± 5 mm
EC 508 FG	1500,0	**59.06**	1500,0	**59.06**	± 5 mm





- Standard belt increments 100 mm.
- Non-standard belt increments 20 mm.
- Please contact with customer service for precise belt measurements.



EC508 FG-NT

Modular Belt Series

- ***Bakery Applications***

Oven Infeed/Outfeed, Cooling Lines, Coating Lines, Glazing Lines, Freezing Lines, Conditioning Lines

- ***Sea Food Applications***

Breading Machines, Draining Lines

- ***Snack Food Applications***

Proofer Lines, Boiler Infeed, Oven Infeed / Outfeed, Cooling Lines

- ***Fruits and Vegetables Applications***

Prewashing / Rinsing, Draining

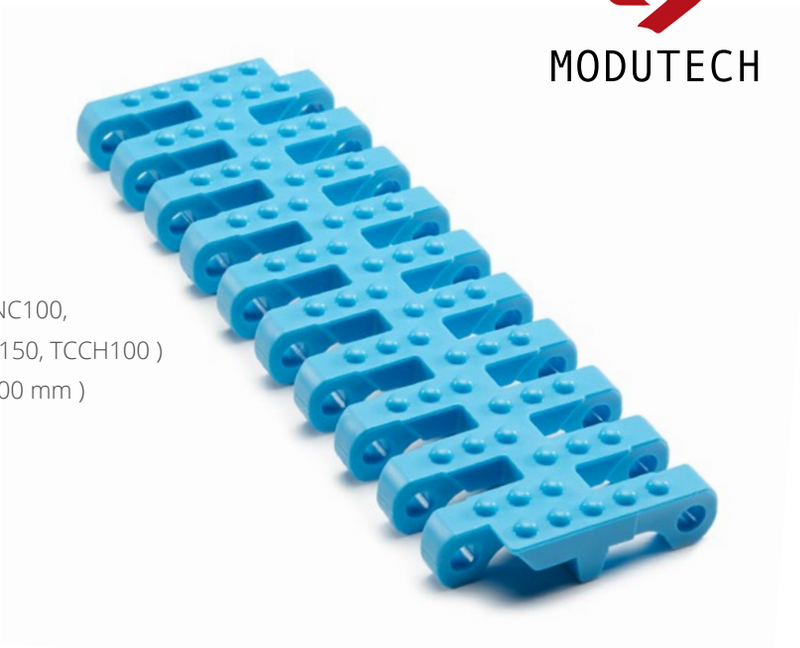
- ***Tire Manufacturing Applications***

Mixer Infeed / Outfeed, Extrusion Shower Lines, Cooling Incline, Cooling Decline, Cooling Horizontal

EC508 FG-NT

MODUTECH

Pitch:	50,8 mm / **2 inch**
Belt Surface:	Open, Nub Top Surface
Minimum Width:	200 mm / **7.87 inch**
Open Area (%):	35%. (Biggest opening 9 x 12 mm)
Flight:	Yes (T25, T50, T75, T100, T150, TNC50, TNC100, TC75, TC100, TC150, TCC75, TCC100, TCC150, TCCH100)
Sidewall:	Yes (h=25 mm, h=50 mm, h=75 mm, h=100 mm)
Rod:	Ø7 mm / **0.275 inch** - Self Lock
Approved:	FDA and EU
Curve:	No
Color:	Additional colors available
Cleanability:	Excellent
Belt Thickness:	18.5 mm / **0.728 inch**



Product Features and Functional Benefits

- Belt provides optimal open area for drainage and airflow.
- Less friction and product contact for easy cooking, cooling and freezing of products.
- Non-adhesive due to reduced contact surface.
- Reduced dirt and oxide build due to self cleaning surface.
- Easy to clean reduces downtime for cleaning time 70%.

Available Moulded Module Sizes

- 200 mm / **7.87 inch** module
- 200 mm / **7.87 inch** edge module with 40 mm indent

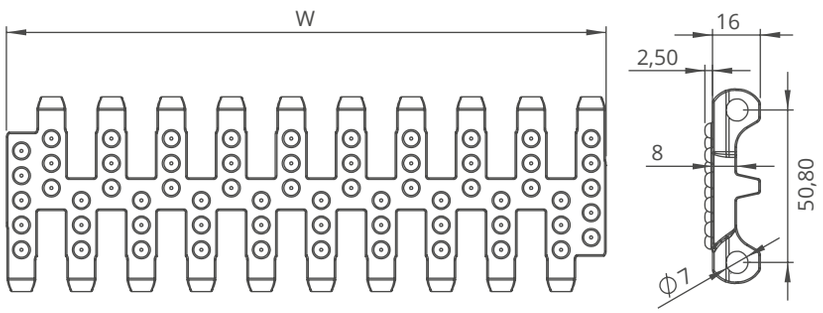
EC508 FG-NT / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve				
	N/m	**lb/ft**	N/m	**lb/ft**	°C (min.) - **°F (min.)**	°C (max.) - **°F (max.)**	Kg/m² - lb/ft²
Polypropylene	17600	**1205**	-	-	+5 / **+42.8**	+90 / **+194**	7,7 - **1.58**
Polyethylene	7700	**528**	-	-	-73 / **-99.4**	+66 / **+150.8**	8,2 - **1.69**
Acetal	27500	**1883**	-	-	-43 / **-45.4**	+110 / **+230**	11,4 - **2.33**

- Belt strength and temperature values are maximum on the table.

EC508 FG-NT / Standard Belt Widths

BELT SERIES	WIDTH (W)				Belt With Tolerance (max.)
	PP-PE		POM		
	mm	**inch**	mm	**inch**	
EC 508 FG-NT	200,0	**7.87**	200,0	**7.87**	± 1 mm
EC 508 FG-NT	300,0	**11.81**	300,0	**11.81**	± 2 mm
EC 508 FG-NT	400,0	**15.75**	400,0	**15.75**	± 2 mm
EC 508 FG-NT	500,0	**19.69**	500,0	**19.69**	± 2 mm
EC 508 FG-NT	600,0	**23.62**	600,0	**23.62**	± 3 mm
EC 508 FG-NT	700,0	**27.56**	700,0	**27.56**	± 3 mm
EC 508 FG-NT	800,0	**31.50**	800,0	**31.50**	± 3 mm
EC 508 FG-NT	900,0	**35.43**	900,0	**35.43**	± 4 mm
EC 508 FG-NT	1000,0	**39.37**	1000,0	**39.37**	± 4 mm
EC 508 FG-NT	1100,0	**43.31**	1100,0	**43.31**	± 4 mm
EC 508 FG-NT	1200,0	**47.24**	1200,0	**47.24**	± 4 mm
EC 508 FG-NT	1300,0	**51.18**	1300,0	**51.18**	± 5 mm
EC 508 FG-NT	1400,0	**55.11**	1400,0	**55.11**	± 5 mm
EC 508 FG-NT	1500,0	**59.06**	1500,0	**59.06**	± 5 mm



- Standard belt increments 100 mm.
- Non-standard belt increments 20 mm.
- Please contact with customer service for precise belt measurements.



EC508 PR%11

Modular Belt Series

- ***Meat Applications***

Dressing Lines, Trim Lines, Elevator, Metal Detector

- ***Poultry Applications***

Cut-up Lines, Debonning Lines, Chiller Discharge, Rehang / Bird Accumulation, Freezing Lines, Elevators

- ***Sea Food Applications***

Draining, Elevator

- ***Snack Food Applications***

Can Draining

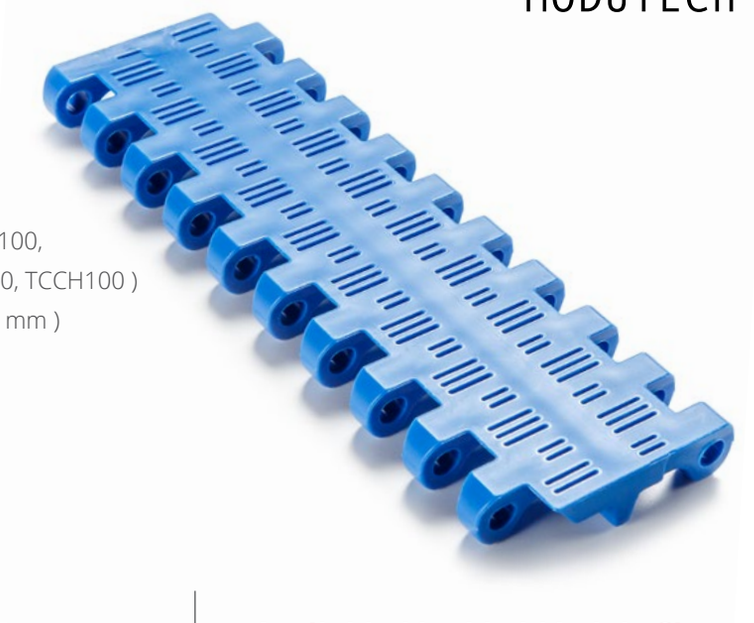
- ***Fruits and Vegetables Applications***

Prewashing / Rinsing, Draining, Peeling, Elevator

EC508 PR%11

MODUTECH

Pitch:	50,8 mm / **2 inch**
Belt Surface:	Open, Mesh Top Surface
Minimum Width:	200 mm / **7.87 inch**
Open Area (%):	11%. (Biggest opening 1,2 x 12 mm)
Flight:	Yes (T25, T50, T75, T100, T150, TNC50, TNC100, TC75, TC100, TC150, TCC75, TCC100, TCC150, TCCH100)
Sidewall:	Yes (h=25 mm, h=50 mm, h=75 mm, h=100 mm)
Rod:	Ø7 mm / **0.276 inch** - Self Lock
Approved:	FDA and EU
Curve:	No
Color:	Additional colors available
Cleanability:	Excellent
Belt Thickness:	16 mm / **0.630 inch**



Product Features and Functional Benefits

- Unique sprocket engagement - precise indexing, easy cleaning.
- Different openings to optimize performance in cooling and draining applications.
- Easy to clean reduces downtime for cleaning time 70%.
- Unique sprocket engagement - higher product load and longer conveyors.
- Reduces bacteria growth.

Available Moulded Module Sizes

- 200 mm / **7.87 inch** module

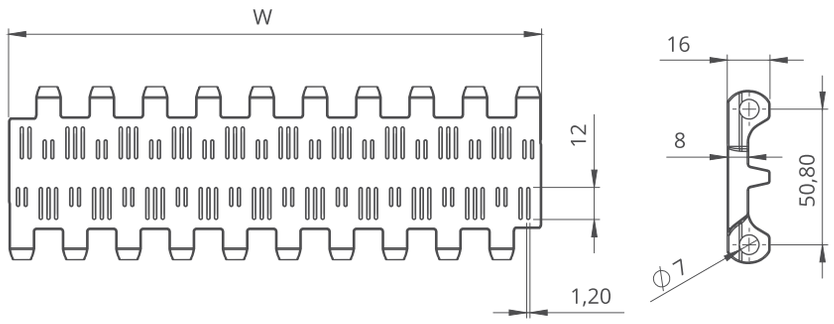
EC508 PR%11 / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / **°F** (min.)	°C / **°F** (max.)	Kg/m² / **lb/ft²**
	N/m	**lb/ft**	N/m	**lb/ft**			
Polypropylene	19800	**1356**	-	-	+5 / **+41**	+90 / **+194**	7,8 / **1.60**
Polyethylene	-	**-**	-	-	-	-	-
Acetal	-	**-**	-	-	-	-	-

- Belt strength and temperature values are maximum on the table.

EC508 PR%11 / Standard Belt Widths

BELT SERIES	WIDTH (W)				Belt With Tolerance (max.)
	PP		POM		
	mm	**inch**	mm	**inch**	
EC508 PR11	200,0	**7.87**	-	-	± 1 mm
EC508 PR11	300,0	**11.81**	-	-	± 2 mm
EC508 PR11	400,0	**15.75**	-	-	± 2 mm
EC508 PR11	500,0	**19.69**	-	-	± 2 mm
EC508 PR11	600,0	**23.62**	-	-	± 3 mm
EC508 PR11	700,0	**27.56**	-	-	± 3 mm
EC508 PR11	800,0	**31.50**	-	-	± 3 mm
EC508 PR11	900,0	**35.43**	-	-	± 4 mm
EC508 PR11	1000,0	**39.37**	-	-	± 4 mm
EC508 PR11	1100,0	**43.31**	-	-	± 4 mm
EC508 PR11	1200,0	**47.24**	-	-	± 4 mm
EC508 PR11	1300,0	**51.18**	-	-	± 5 mm
EC508 PR11	1400,0	**55.11**	-	-	± 5 mm
EC508 PR11	1500,0	**59.06**	-	-	± 5 mm



- Standard belt increments 100 mm.
- Non-standard belt increments 20 mm.
- Please contact with customer service for precise belt measurements.



EC508 PR%13

Modular Belt Series

- **Poultry Applications**

Cut-up Lines, Debonning Lines, Chiller Discharge, Rehang / Bird Accumulation, Freezing Lines, Elevators

- **Sea Food Applications**

Draining, Elevator

- **Snack Food Applications**

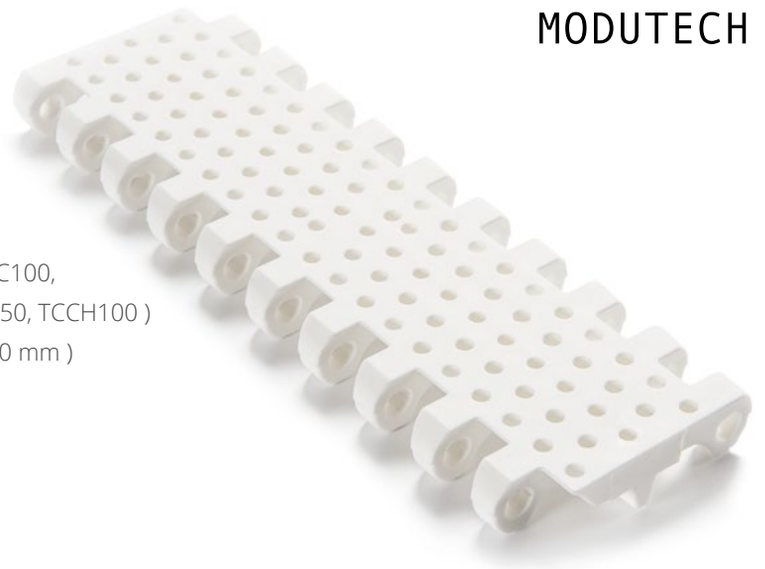
Can Draining

- **Fruits and Vegetables Applications**

Prewashing / Rinsing, Draining, Peeling, Elevator

EC508 PR%13

MODUTECH



Pitch:	50,8 mm / **2 inch**
Belt Surface:	Open, Smooth Surface
Minimum Width:	200 mm / **7.87 inch**
Open Area (%):	13%. (Biggest opening Ø3,8 mm)
Flight:	Yes (T25, T50, T75, T100, T150, TNC50, TNC100, TC75, TC100, TC150, TCC75, TCC100, TCC150, TCCH100)
Sidewall:	Yes (h=25 mm, h=50 mm, h=75 mm, h=100 mm)
Rod:	Ø7 mm / **0.276 inch** - Self Lock
Approved:	FDA and EU
Curve:	No
Color:	Additional colors available
Cleanability:	Excellent
Belt Thickness:	16 mm / **0.630 inch**

Product Features and Functional Benefits

- Unique sprocket engagement - precise indexing, easy cleaning.
- Different openings to optimize performance in cooling and draining applications.
- Easy to clean reduces downtime for cleaning time 70%.
- Unique sprocket engagement - higher product load and longer conveyors.
- Reduces bacteria growth.

Available Moulded Module Sizes

- 200 mm / **7.87 inch** module

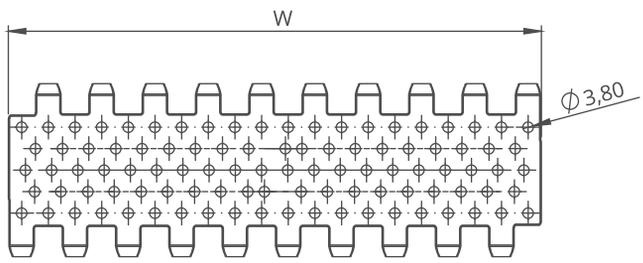
EC508 PR%13 / Technical Information

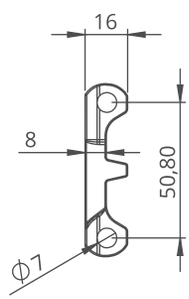
BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / **°F** (min.)	°C / **°F** (max.)	Kg/m² / **lb/ft²**
	N/m	**lb/ft**	N/m	**lb/ft**			
Polypropylene	19800	**1356**	-	-	+5 / **+41**	+90 / **+194**	7,5 / **1.54**
Polyethylene	11000	**753**	-	-	-73 / **-99.4**	+66 / **+150.8**	7,8 / **1.59**
Acetal	33000	**2260**	-	-	-43 / **-45.4**	+110 / **+230**	11,2 / **2.28**

- Belt strength and temperature values are maximum on the table.

EC508 PR%13 / Standard Belt Widths

BELT SERIES	WIDTH (W)				Belt With Tolerance (max.)
	PP-PE		POM		
	mm	**inch**	mm	**inch**	
EC508 PR13	200,0	**7.87**	200,0	**7.87**	± 1 mm
EC508 PR13	300,0	**11.81**	300,0	**11.81**	± 2 mm
EC508 PR13	400,0	**15.75**	400,0	**15.75**	± 2 mm
EC508 PR13	500,0	**19.69**	500,0	**19.69**	± 2 mm
EC508 PR13	600,0	**23.62**	600,0	**23.62**	± 3 mm
EC508 PR13	700,0	**27.56**	700,0	**27.56**	± 3 mm
EC508 PR13	800,0	**31.50**	800,0	**31.50**	± 3 mm
EC508 PR13	900,0	**35.43**	900,0	**35.43**	± 4 mm
EC508 PR13	1000,0	**39.37**	1000,0	**39.37**	± 4 mm
EC508 PR13	1100,0	**43.31**	1100,0	**43.31**	± 4 mm
EC508 PR13	1200,0	**47.24**	1200,0	**47.24**	± 4 mm
EC508 PR13	1300,0	**51.18**	1300,0	**51.18**	± 5 mm
EC508 PR13	1400,0	**55.11**	1400,0	**55.11**	± 5 mm
EC508 PR13	1500,0	**59.06**	1500,0	**59.06**	± 5 mm





- Standard belt increments 100 mm.
- Non-standard belt increments 20 mm.
- Please contact with customer service for precise belt measurements.



EC508 DT

Modular Belt Series

- **Meat Applications**

Slaughterining / Evisceration, Cutting Lines, Deboning Lines, Bone Takeaway, Dressing Lines, Trim Lines

- **Poultry Applications**

Live Birds, Slaughterining / Evisceration, Skining, Cut-up, Chiller Discharge, Bird Accumulation, Freezing Lines, Elevators

- **Sea Food Applications**

Trim Lines, Control Tables, Glazing, Elevators

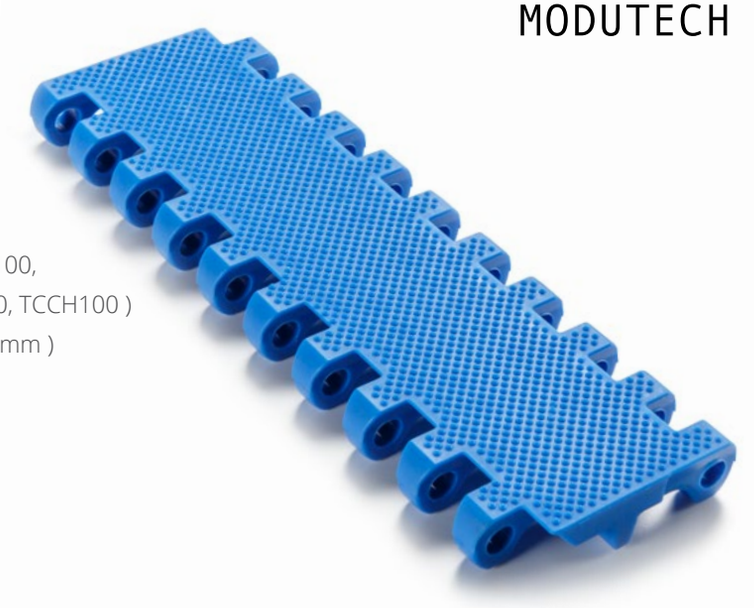
- **Fruits and Vegetables Applications**

Bulk Feeding, Elevators, Control Sorting Table, Filling

EC508 DT

MODUTECH

Pitch:	50,8 mm / **2 inch**
Belt Surface:	Close, Diamond Top Surface
Minimum Width:	200 mm / **7.87 inch**
Open Area (%):	0%
Flight:	Yes (T25, T50, T75, T100, T150, TNC50, TNC100, TC75, TC100, TC150, TCC75, TCC100, TCC150, TCCH100)
Sidewall:	Yes (h=25 mm, h=50 mm, h=75 mm, h=100 mm)
Rod:	Ø7 mm / **0.276 inch** - Self Lock
Approved:	FDA and EU
Curve:	No
Color:	Additional colors available
Cleanability:	Excellent
Belt Thickness:	17 mm / **0.669 inch**



Product Features and Functional Benefits

- Easy to clean reduces downtime for cleaning time 70%.
- Close, sticky transfer applications. Non-adhesive due to reduced contact surface.
- Reduces bacteria growth.
- Unique sprocket engagement - higher product load and longer conveyors.
- Strong and thick product supports allow more load without breaking.
- Impact resistance to withstand heavy objects falling into the belt.

Available Moulded Module Sizes

- 200 mm / **7.87 inch** module
- 200 mm / **7.87 inch** edge module with 40 mm indent
- 100 mm / **3,94 inch** edge module with 40 mm indent

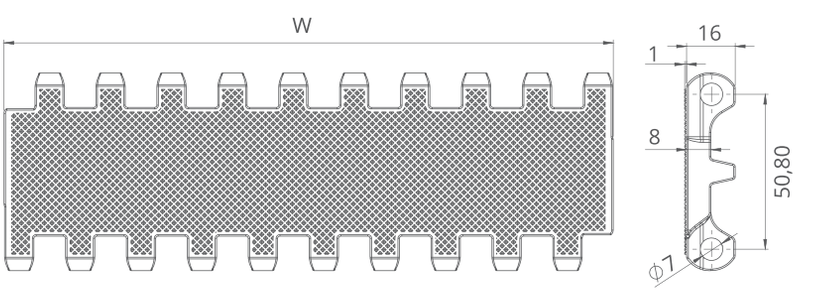
EC508 DT / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / **°F** (min.)	°C / **°F** (max.)	Kg/m² / **lb/ft²**
	N/m	**lb/ft**	N/m	**lb/ft**			
Polypropylene	19800	**1356**	-	-	+5 / **+41**	+90 / **+194**	9,1 / **1.86**
Polyethylene	11000	**753**	-	-	-73 / **-99.4**	+66 / **+150.8**	9,5 / **1.95**
Acetal	33000	**2260**	-	-	-43 / **-45.4**	+110 / **+230**	13,6 / **2.79**

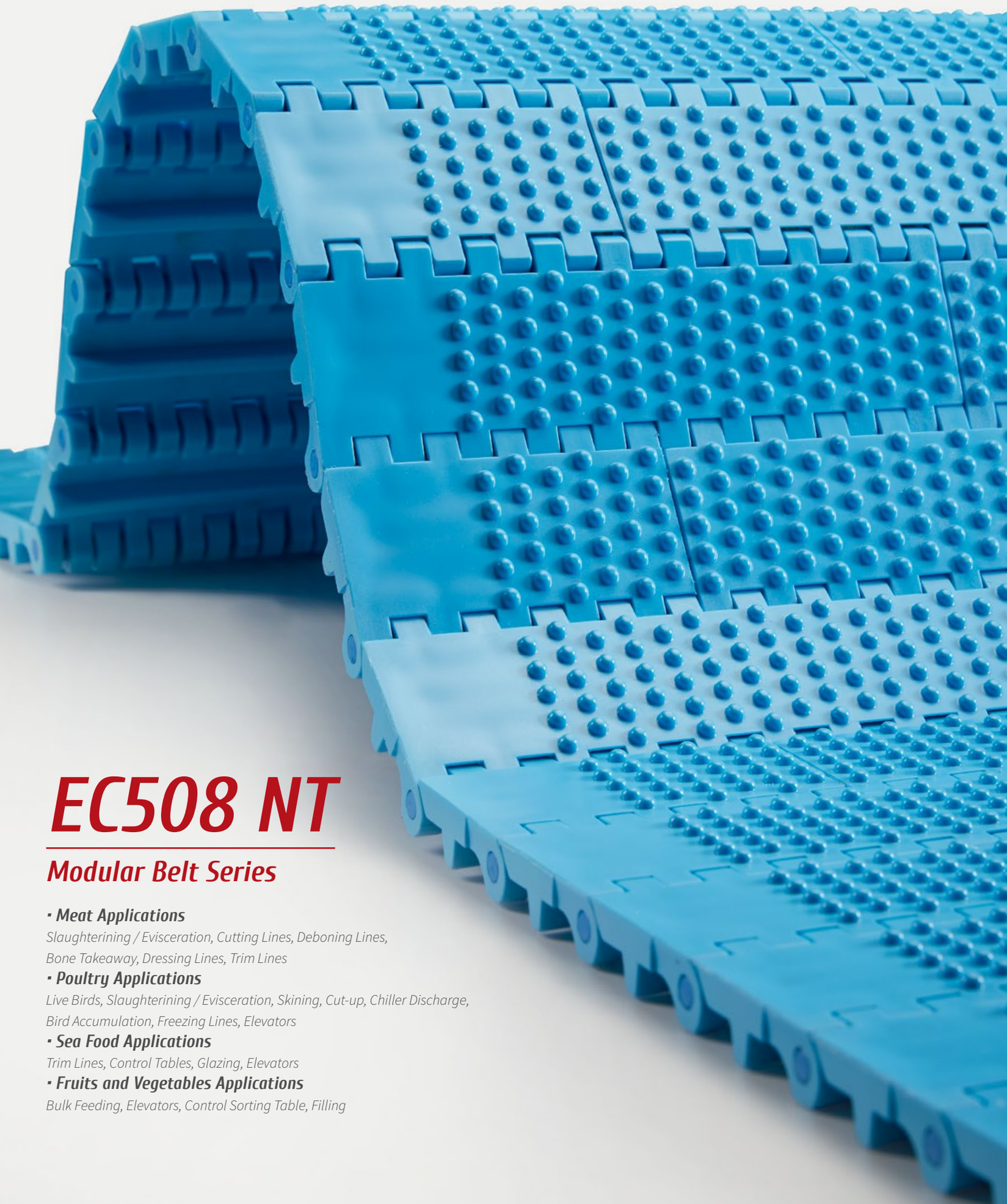
- Belt strength and temperature values are maximum on the table.

EC508 DT / Standard Belt Widths

BELT SERIES	WIDTH (W)				Belt With Tolerance (max.)
	PP-PE		POM		
	mm	**inch**	mm	**inch**	
EC508 DT	200,0	**7.87**	200,0	**7.87**	± 1 mm
EC508 DT	300,0	**11.81**	300,0	**11.81**	± 2 mm
EC508 DT	400,0	**15.75**	400,0	**15.75**	± 2 mm
EC508 DT	500,0	**19.69**	500,0	**19.69**	± 2 mm
EC508 DT	600,0	**23.62**	600,0	**23.62**	± 3 mm
EC508 DT	700,0	**27.56**	700,0	**27.56**	± 3 mm
EC508 DT	800,0	**31.50**	800,0	**31.50**	± 3 mm
EC508 DT	900,0	**35.43**	900,0	**35.43**	± 4 mm
EC508 DT	1000,0	**39.37**	1000,0	**39.37**	± 4 mm
EC508 DT	1100,0	**43.31**	1100,0	**43.31**	± 4 mm
EC508 DT	1200,0	**47.24**	1200,0	**47.24**	± 4 mm
EC508 DT	1300,0	**51.18**	1300,0	**51.18**	± 5 mm
EC508 DT	1400,0	**55.11**	1400,0	**55.11**	± 5 mm
EC508 DT	1500,0	**59.06**	1500,0	**59.06**	± 5 mm



- Standard belt increments 100 mm.
- Non-standard belt increments 20 mm.
- Please contact with customer service for precise belt measurements.



EC508 NT

Modular Belt Series

- **Meat Applications**

Slaughterining / Evisceration, Cutting Lines, Deboning Lines, Bone Takeaway, Dressing Lines, Trim Lines

- **Poultry Applications**

Live Birds, Slaughterining / Evisceration, Skining, Cut-up, Chiller Discharge, Bird Accumulation, Freezing Lines, Elevators

- **Sea Food Applications**

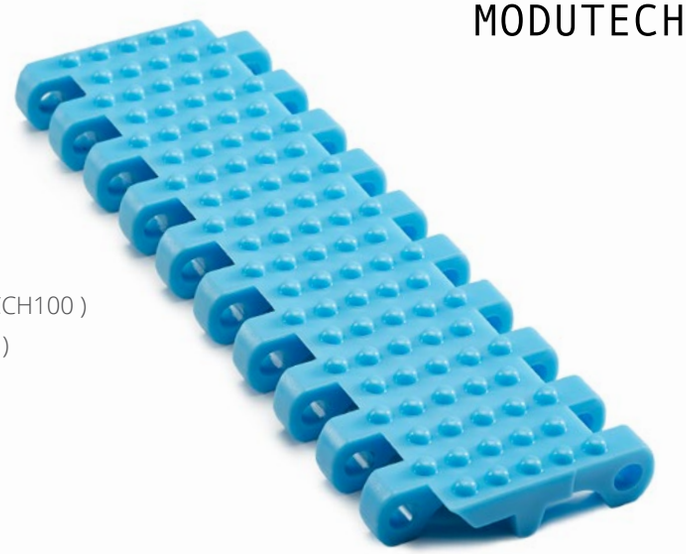
Trim Lines, Control Tables, Glazing, Elevators

- **Fruits and Vegetables Applications**

Bulk Feeding, Elevators, Control Sorting Table, Filling

EC508 NT

Pitch:	50,8 mm / **2 inch**
Belt Surface:	Close, Nub Top Surface
Minimum Width:	200 mm / **7.87 inch**
Open Area (%):	0%
Flight:	Yes (T25, T50, T75, T100, T150, TNC50, TNC100, TC75, TC100, TC150, TCC75, TCC100, TCC150, TCCH100)
Sidewall:	Yes (h=25 mm, h=50 mm, h=75 mm, h=100 mm)
Rod:	Ø7 mm / **0.275 inch** - Self Lock
Approved:	FDA and EU
Curve:	No
Color:	Additional colors available
Cleanability:	Excellent
Belt Thickness:	18,5 mm / **0.728 inch**



Product Features and Functional Benefits

- Easy to clean reduces downtime for cleaning time 70%.
- Close, sticky transfer applications. Non-adhesive due to reduced contact surface.
- Reduces bacteria growth.
- Unique sprocket engagement - higher product load and longer conveyors.
- Strong and thick product supports allow more load without breaking.
- Impact resistance to withstand heavy objects falling into the belt.

Available Moulded Module Sizes

- 200 mm / **7.87 inch** module
- 200 mm / **7.87 inch** edge module with 40 mm indent

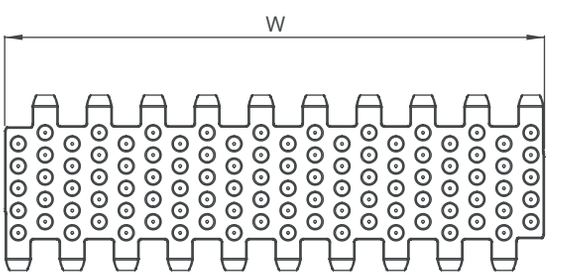
EC508 NT / Technical Information

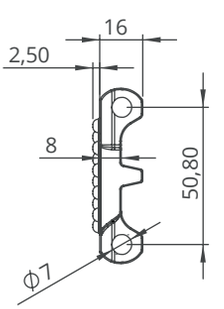
BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		ºC (min.) - **ºF (min.)**	ºC (max.) - **ºF (max.)**	Kg/m² - lb/ft²
	N/m	**lb/ft**	N/m	**lb/ft**			
Polypropylene	-	**-**	-	-	-	-	-
Polyethylene	11000	**753**	-	-	-73 / **-99.4**	+66 / **+150.8**	9,6 - **1.97**
Acetal	33000	**2260**	-	-	-43 / **-45.4**	+110 / **+230**	13,9 - **2.85**

- Belt strength and temperature values are maximum on the table.

EC508 NT / Standard Belt Widths

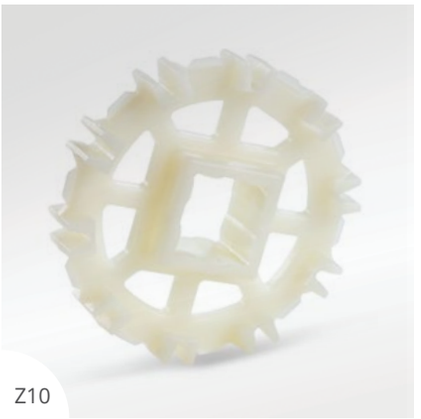
BELT SERIES	WIDTH (W)				Belt With Tolerance (max.)
	PE		POM		
	mm	**inch**	mm	**inch**	
EC508 NT	200,0	**7.87**	200,0	**7.87**	± 1 mm
EC508 NT	300,0	**11.81**	300,0	**11.81**	± 2 mm
EC508 NT	400,0	**15.75**	400,0	**15.75**	± 2 mm
EC508 NT	500,0	**19.69**	500,0	**19.69**	± 2 mm
EC508 NT	600,0	**23.62**	600,0	**23.62**	± 3 mm
EC508 NT	700,0	**27.56**	700,0	**27.56**	± 3 mm
EC508 NT	800,0	**31.50**	800,0	**31.50**	± 3 mm
EC508 NT	900,0	**35.43**	900,0	**35.43**	± 4 mm
EC508 NT	1000,0	**39.37**	1000,0	**39.37**	± 4 mm
EC508 NT	1100,0	**43.31**	1100,0	**43.31**	± 4 mm
EC508 NT	1200,0	**47.24**	1200,0	**47.24**	± 4 mm
EC508 NT	1300,0	**51.18**	1300,0	**51.18**	± 5 mm
EC508 NT	1400,0	**55.11**	1400,0	**55.11**	± 5 mm
EC508 NT	1500,0	**59.06**	1500,0	**59.06**	± 5 mm





- Standard belt increments 100 mm.
- Non-standard belt increments 20 mm.
- Please contact with customer service for precise belt measurements.

EC508 Series *Sprockets and Technical Specifications*



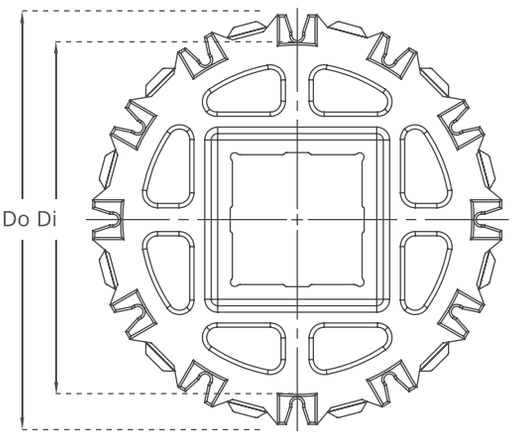
Z10

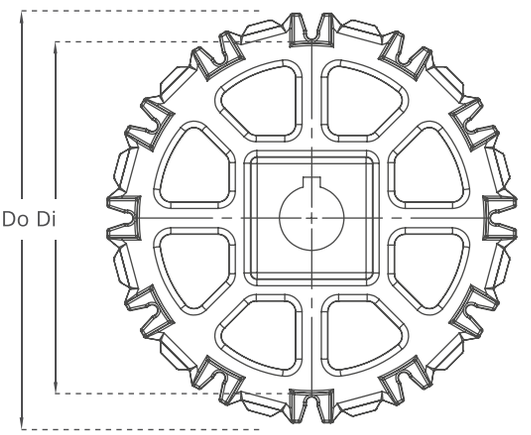


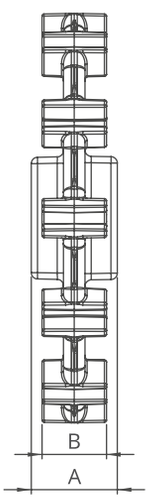
Z10



Z12







EC508 Series / Standard Sprockets Dimensions

NO.TEETH	Di mm/**inch**	Do mm/**inch**	B mm/**inch**	A mm/**inch**	Square Bore(Q) mm/**inch**	Round Bore(R) mm/**inch**	PRODUCT CODE	
							Square Type (Q)	Round Type (R)
Z6	73,0 / **2.87**	90,0 / **3.54**	30 / **1.18**	40 / **1.57**	40 / **1.5**	25-30 / **1-1.25**	EC508SQZ6*PA	EC508SRZ6*PA
Z8	107,5 / **4.23**	124,5 / **4.90**	30 / **1.18**	40 / **1.57**	40 / **1.5**	25-30 / **1-1.25**	EC508SQZ8*PA	EC508SRZ8*PA
Z10	141,5 / **5.57**	158,0 / **6.22**	30 / **1.18**	40 / **1.57**	40-60 / **1.5-2.5**	25-30 / **1-1.25**	EC508SQZ10*PA	EC508SRZ10*PA
Z12	175,2 / **6.90**	191,2 / **7.53**	30 / **1.18**	40 / **1.57**	40-60 / **1.5-2.5**	25-30 / **1-1.25**	EC508SQZ12*PA	EC508SRZ12*PA

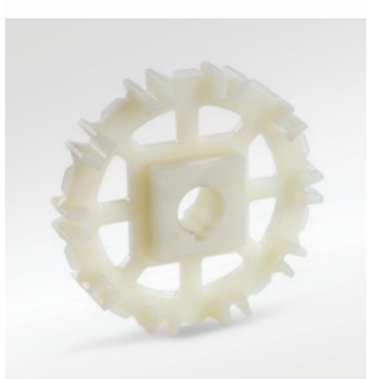
*Other sprockets and hub sizes are manufactured up to request.
*POM (Acetal) and PP (Polypropylene) sprockets raw material is available on request.
***Machined Split Sprockets are avaliable for each size.**



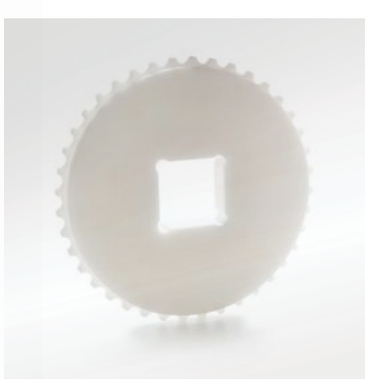
Clamp



Machined Split Sprocket



Moulded Sprocket



Machined Sprocket

EC508 Series *Accessories and Technical Specifications*

MODUTECH





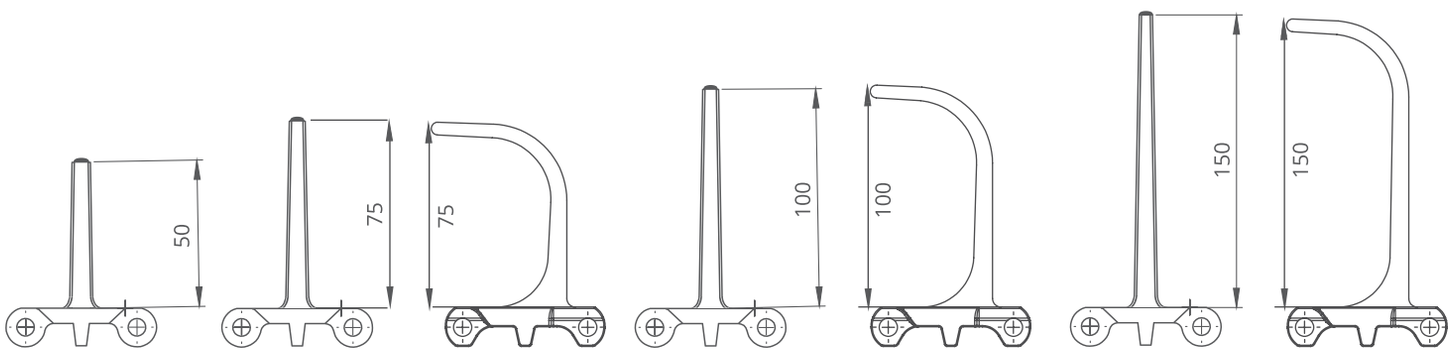




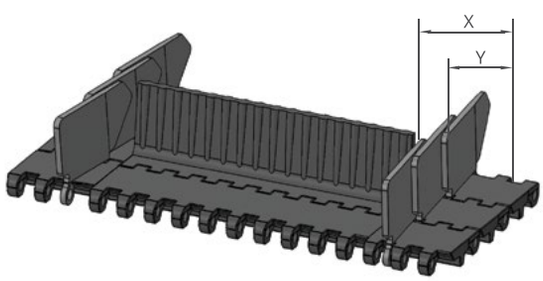


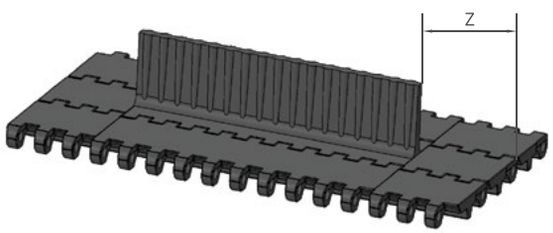
EC508 Series / Flight & Sidewall Dimensions

EC508 Series / Flights & Sidewalls				
PRODUCT CODE	Flight Height (mm/**inch**)	Flight Width (mm/**inch**)	PRODUCT CODE	Sidewall Height (mm/**inch**)
EC508T25	25 / **1**	200 / **7.87**	EC508SW25	25 / **1**
EC508T50	50 / **2**	200 / **7.87**	EC508SW50	50 / **2**
EC508T75	75 / **3**	200 / **7.87**	EC508SW75	75 / **3**
EC508T100	100 / **4**	200 / **7.87**	EC508SW100	100 / **4**
EC508T150	150 / **6**	200 / **7.87**	-	-
EC508TC75	75 / **3**	200 / **7.87**	-	-
EC508TC100	100 / **4**	200 / **7.87**	-	-
EC508TC150	150 / **6**	200 / **7.87**	-	-
EC508TCC75	75 / **3**	200 / **7.87**	-	-
EC508TCC100	100 / **4**	200 / **7.87**	-	-
EC508TCC150	150 / **6**	200 / **7.87**	-	-
EC508TNC100	100 / **4**	200 / **7.87**	-	-
EC508TCH100	100 / **4**	200 / **7.87**	-	-
EC508TCCH100	100 / **4**	200 / **7.87**	-	-



* Additional flight dimensions are available up to 150 mm.





EC508 Series / Sidewall Technical Specifications

Possible Sidewall and Flight Indents	X		Y	
	mm	**inch**	mm	**inch**
Standard, no module cutting	32,0	**1.26**	20,0	**0.79**
Module cutting necessary	42,0	**1.65**	30,0	**1.18**
Standard, no module cutting	52,0	**2.05**	40,0	**1.57**
Module cutting necessary	62,0	**2.44**	50,0	**1.97**
Standard, no module cutting	72,0	**2.83**	60,0	**2.36**
Module cutting necessary	82,0	**3.23**	70,0	**2.76**

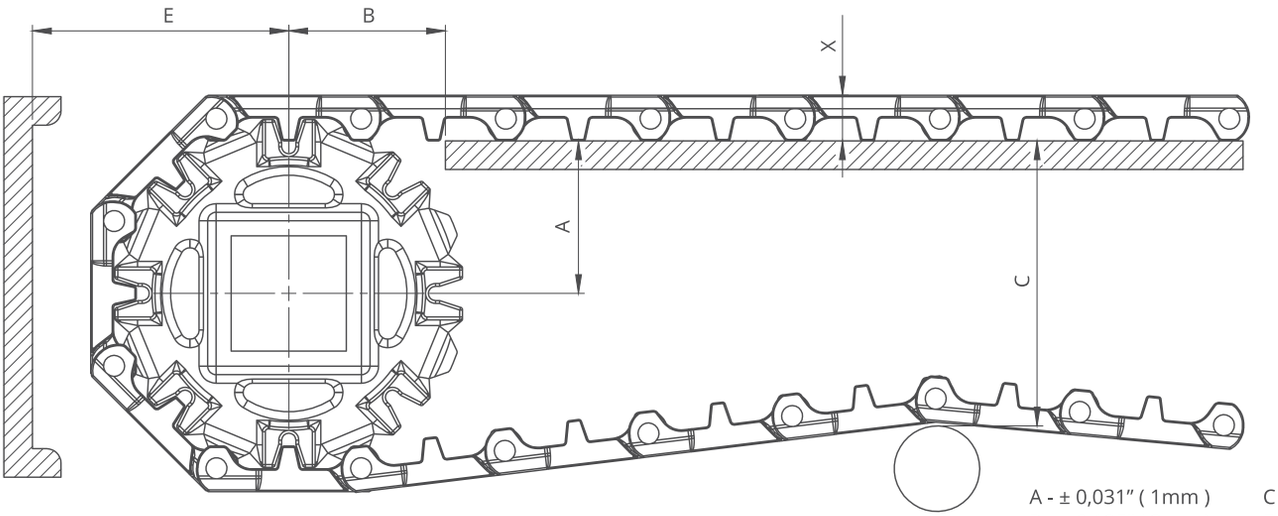
Note: Gap between flight and sidewall minimum 2-3 mm

EC508 Series / Flight Technical Specifications

Possible Flight Indents for EC508 Series	Z	
	mm	**inch**
Standard, no module cutting	40,0	**1.57**
Standard, no module cutting	60,0	**2.36**
Standard, module cutting	80,0	**3.15**
Standard, no module cutting	100,0	**3.94**

***Non-standard flight indent is on request.**

EC508 Series *Engineering Information*

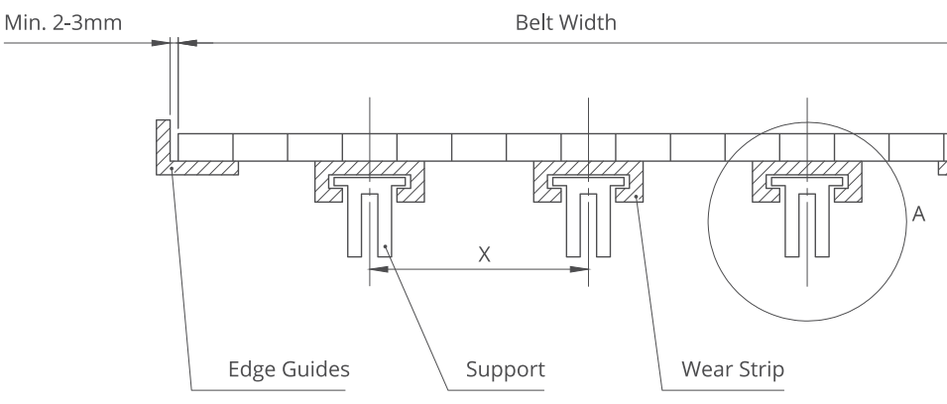


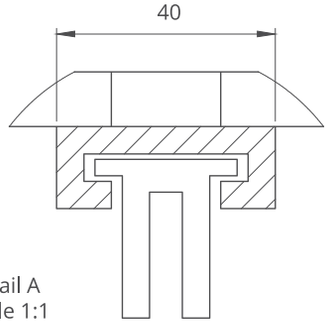
A - ± 0,031" (1mm)
B - ± 0,125" (3mm)
C - ± (Max.)
E - ± (Min.)

EC508 Series / Conveyor Frame Dimensions

Sprockets Description			A		B		C		E		X	
Pitch Diameter		No.Teeth	Range (Bottom to Top)									
inch	mm		**inch**	mm	**inch**	mm	**inch**	mm	**inch**	mm	**inch**	mm
EC508 C, EC508 PR%22, EC508 PR%13, EC508 PR%11, EC508 FG												
3.23	82,0	6	**1.70**	43,3	**1.72**	43,8	**2.92**	74,3	**2.73**	69,3	**0.63**	16,0
4.57	116,0	8	**2.34**	59,4	**2.08**	52,7	**4.23**	107,4	**3.36**	85,4	**0.63**	16,0
5.91	150,0	10	**2.96**	75,3	**2.38**	60,5	**5.52**	140,3	**3.99**	101,3	**0.63**	16,0
7.23	183,6	12	**3.65**	92,8	**2.58**	65,5	**6.87**	174,6	**4.68**	118,8	**0.63**	16,0
EC508 DT												
3.23	82,0	6	**1.70**	43,3	**1.72**	43,8	**2.92**	74,3	**2.73**	69,3	**0.67**	17,0
4.57	116,0	8	**2.34**	59,4	**2.08**	52,7	**4.23**	107,4	**3.36**	85,4	**0.67**	17,0
5.91	150,0	10	**2.96**	75,3	**2.38**	60,5	**5.52**	140,3	**3.99**	101,3	**0.67**	17,0
7.23	183,6	12	**3.65**	92,8	**2.58**	65,5	**6.87**	174,6	**4.68**	118,8	**0.67**	17,0
EC508 NT, EC508 FG-NT												
3.23	82,0	6	**1.70**	43,3	**1.72**	43,8	**2.83**	71,8	**2.83**	71,8	**0.73**	18,5
4.57	116,0	8	**2.34**	59,4	**2.08**	52,7	**4.13**	104,9	**3.46**	87,9	**0.73**	18,5
5.91	150,0	10	**2.96**	75,3	**2.38**	60,5	**5.43**	137,8	**4.09**	103,8	**0.73**	18,5
7.23	183,6	12	**3.65**	92,8	**2.58**	65,5	**6.78**	172,1	**4.78**	121,3	**0.73**	18,5

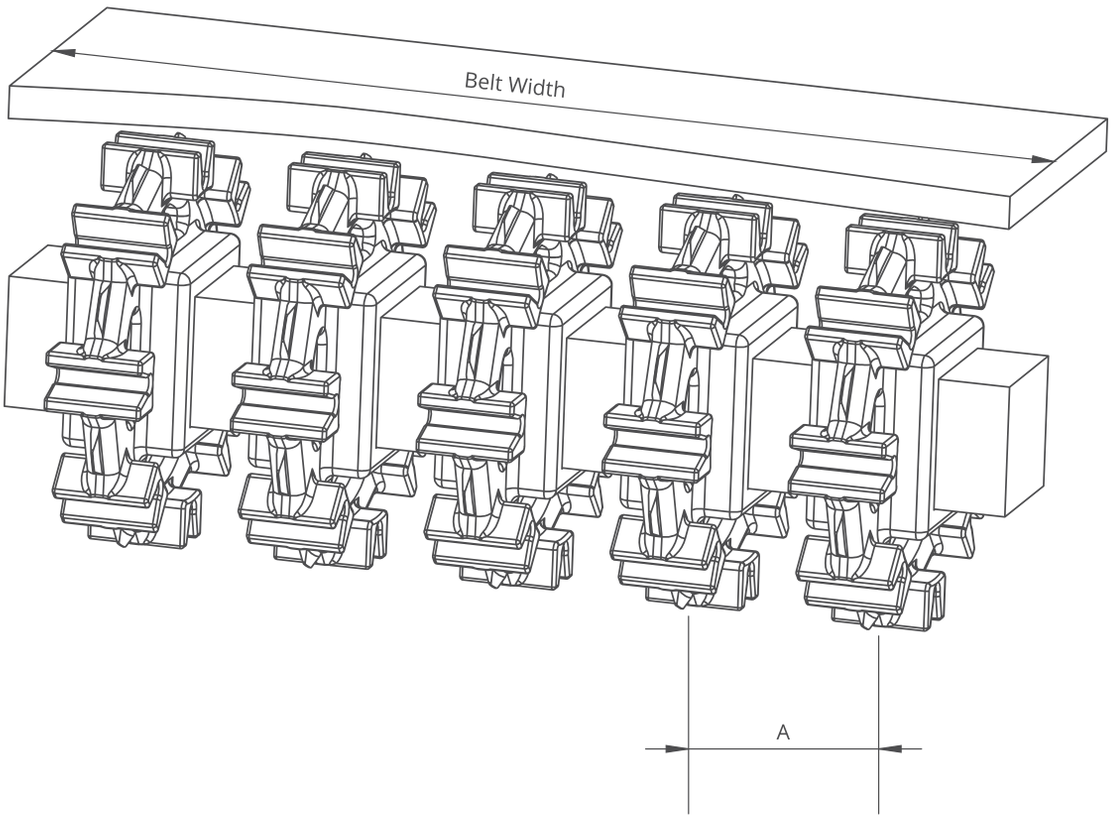
EC508 Series / Slider Support System For Straight Running Belts





Detail A
Scale 1:1

Note: The max. distances between the wear strips have to be (X) ;
125 mm for 2" belts. 80 mm for 1" / 0.5" belts.



EC508 Series / Sprockets Arrangement

Standard Belt Width		Number of sprockets per shaft		A (mm/**inch**)	
mm	**inch**	Drive Shaft	Return Shaft	Min.	Max.
200,0	**7.9**	2	2	60/**2.36**	150/**5.9**
300,0	**11.8**	3	2	60/**2.36**	150/**5.9**
400,0	**15.7**	3	3	60/**2.36**	150/**5.9**
500,0	**19.7**	4	3	60/**2.36**	150/**5.9**
600,0	**23.6**	4	3	60/**2.36**	150/**5.9**
700,0	**27.6**	5	4	60/**2.36**	150/**5.9**
800,0	**31.5**	6	4	60/**2.36**	150/**5.9**
900,0	**35.4**	6	5	60/**2.36**	150/**5.9**
1000,0	**39.4**	7	5	60/**2.36**	150/**5.9**
1100,0	**43.3**	7	5	60/**2.36**	150/**5.9**
1200,0	**47.2**	8	6	60/**2.36**	150/**5.9**
1400,0	**55.1**	9	7	60/**2.36**	150/**5.9**
1600,0	**63.0**	10	7	60/**2.36**	150/**5.9**
1800,0	**70.9**	11	8	60/**2.36**	150/**5.9**
2000,0	**78.7**	12	8	60/**2.36**	150/**5.9**
2200,0	**86.6**	13	9	60/**2.36**	150/**5.9**
2400,0	**94.5**	14	10	60/**2.36**	150/**5.9**
2600,0	**102.4**	15	10	60/**2.36**	150/**5.9**
2800,0	**110.2**	16	11	60/**2.36**	150/**5.9**
3000,0	**118.1**	17	12	60/**2.36**	150/**5.9**

Note: Number of sprockets depends on the belt load.