

EC508

Modular Belt Series

EC508 C

EC508 PR%22

EC508 FG

EC508 FG-NT

EC508 PR%11

EC508 PR%13

EC508 DT

EC508 NT

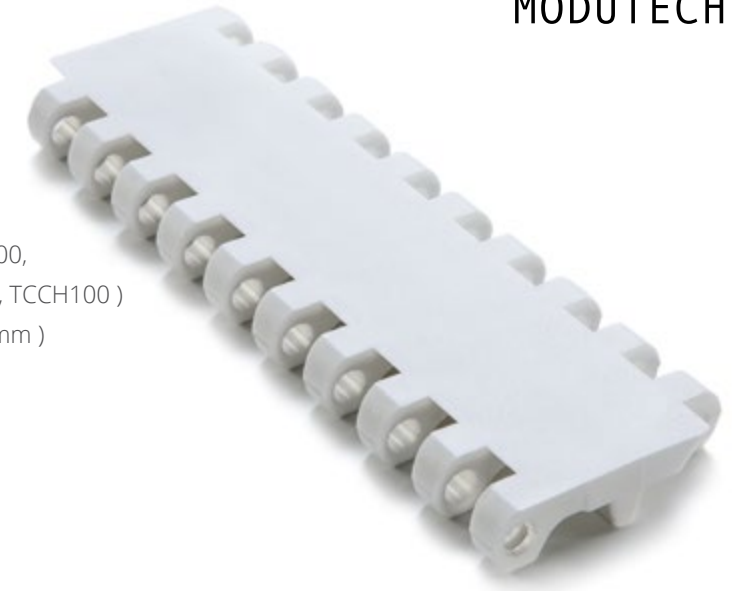
Sprockets & Accessories

Engineering Information



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

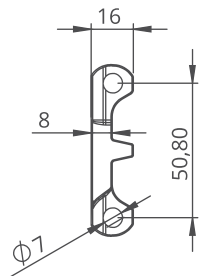
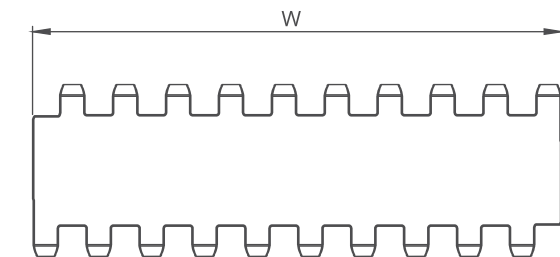
EC508 C / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C / °F (max.)	Kg/m ² / lb/ft ²
	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 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

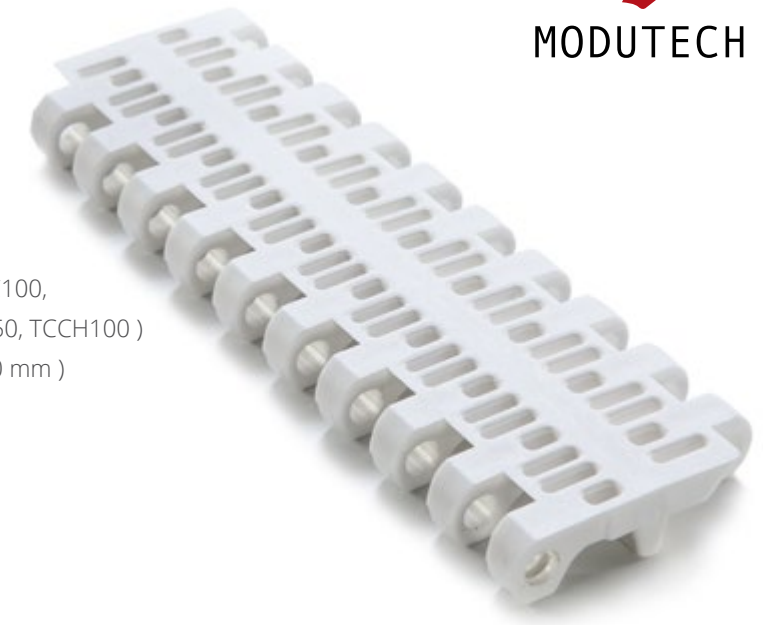
Chair Lift - Feeder

• Packaging Applications

Bluk Inclines, Box Transport Horizontal

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

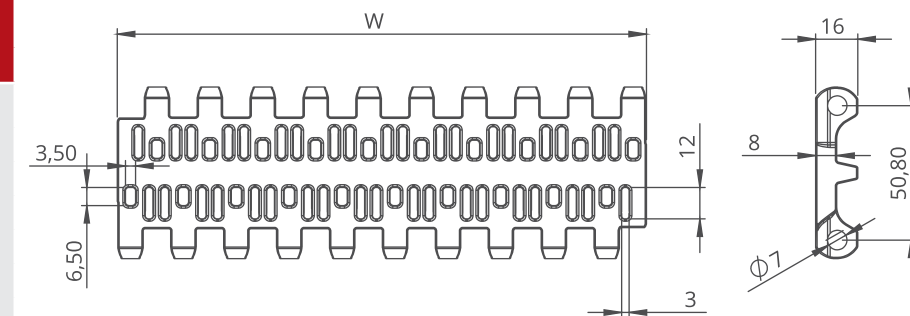
EC508 PR%22 / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C / °F (max.)	Kg/m ² / lb/ft ²
	N/m	lb/ft	N/m	lb/ft			
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 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 FG

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

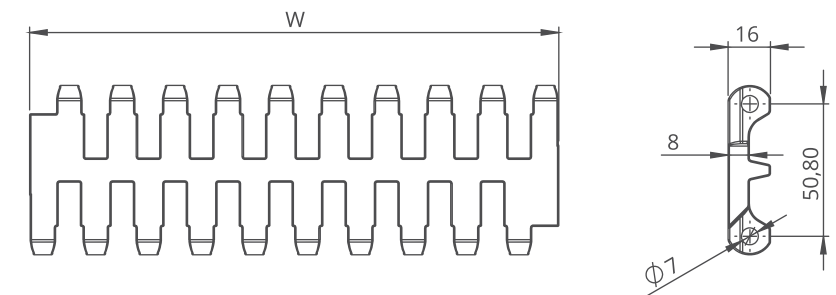
EC508 FG / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C / °F (max.)	Kg/m ² / lb/ft ²
	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

Modular Belt Series

• Bakery Applications

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

• Sea Food Applications

Breeding Machines, Draining Lines

• Snack Food Applications

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

• Fruits and Vegetables Applications

Prewashing / Rinsing, Draining

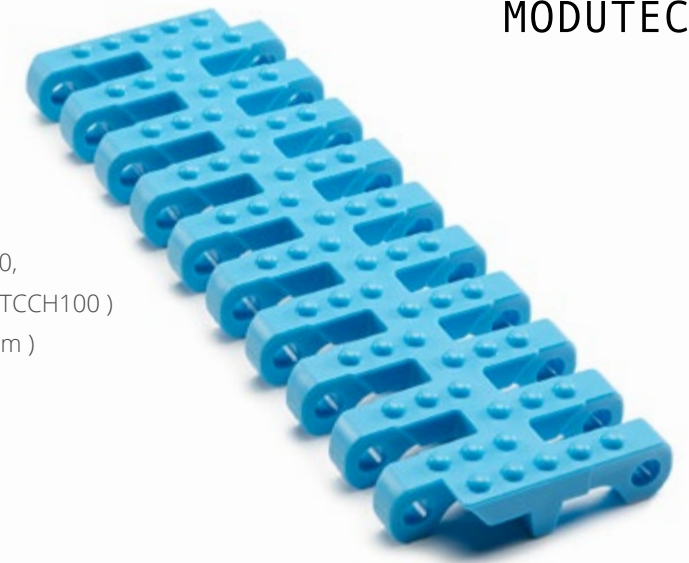
• Tire Manufacturing Applications

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



EC508 FG-NT

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

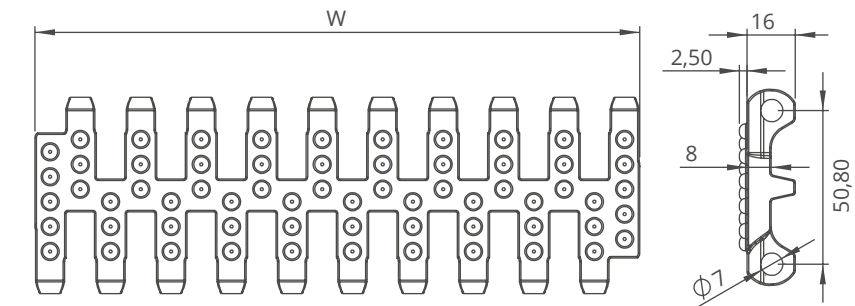
EC508 FG-NT / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C (min.) - °F (min.)	°C (max.) - °F (max.)	
	N/m	lb/ft	N/m	lb/ft			Kg/m ² - lb/ft ²
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 FG-NT

Modular Belt Series

• Bakery Applications

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

• Sea Food Applications

Breeding Machines, Draining Lines

• Snack Food Applications

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

• Fruits and Vegetables Applications

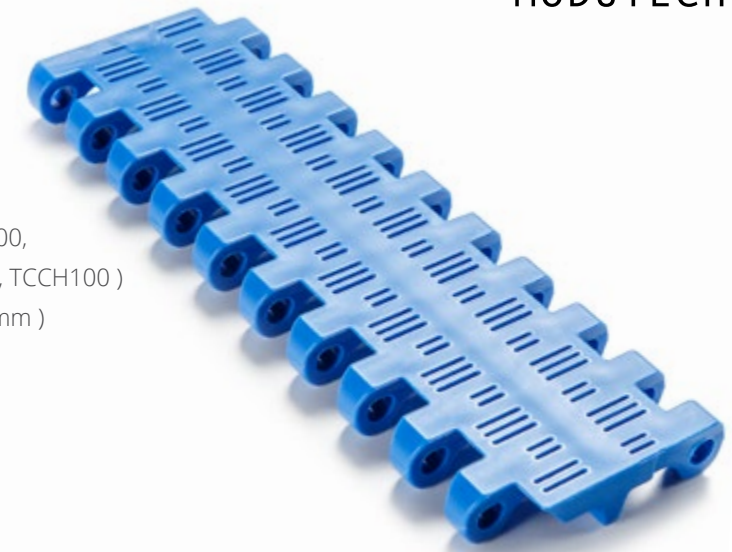
Prewashing / Rinsing, Draining

• Tire Manufacturing Applications

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

EC508 PR%11

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

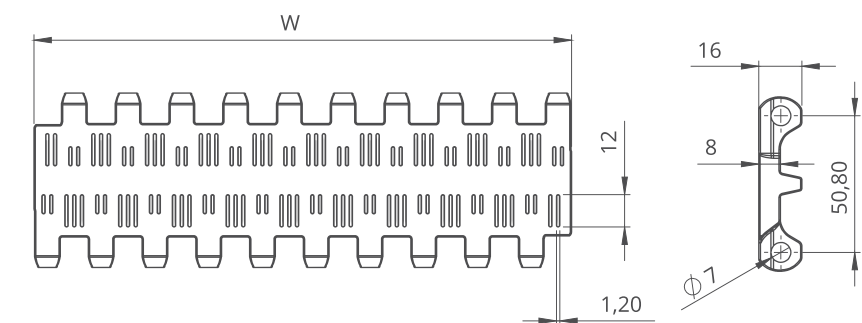
EC508 PR%11 / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C / °F (max.)	Kg/m ² / lb/ft ²
	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%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

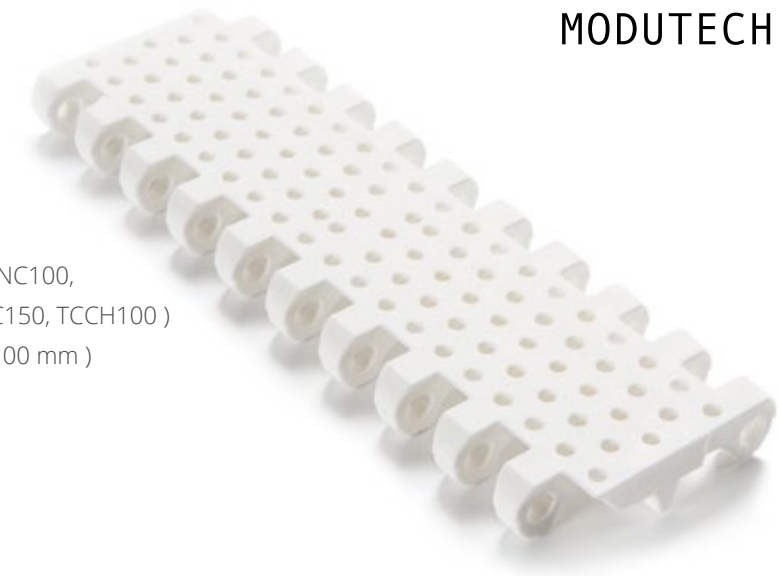
Can Draining

• Fruits and Vegetables Applications

Prewashing / Rinsing, Draining, Peeling, Elevator

EC508 PR%13

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

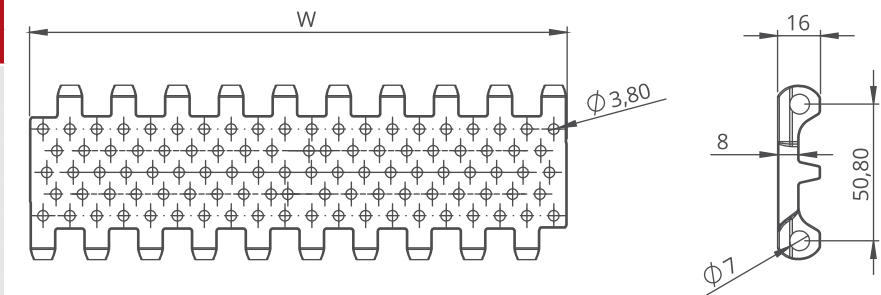
EC508 PR%13 / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C / °F (max.)	Kg/m ² / lb/ft ²
	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 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

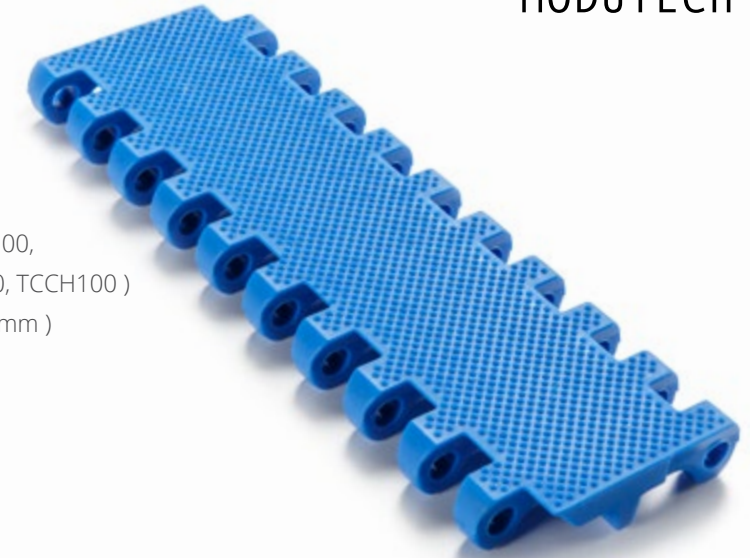
Can Draining

• Fruits and Vegetables Applications

Prewashing / Rinsing, Draining, Peeling, Elevator

EC508 DT

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

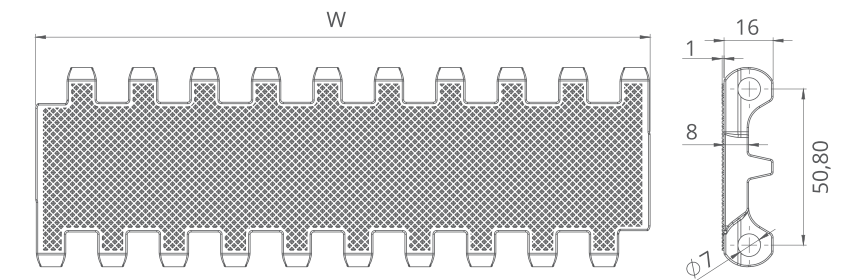
EC508 DT / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / °F (min.)	°C / °F (max.)	Kg/m ² / lb/ft ²
	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 DT

Modular Belt Series

• Meat Applications

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

• Poultry Applications

Live Birds, Slaughtering / Evisceration, Skinning, Cut-up, Chiller Discharge, Bird Accumulation, Freezing Lines, Elevators

• Sea Food Applications

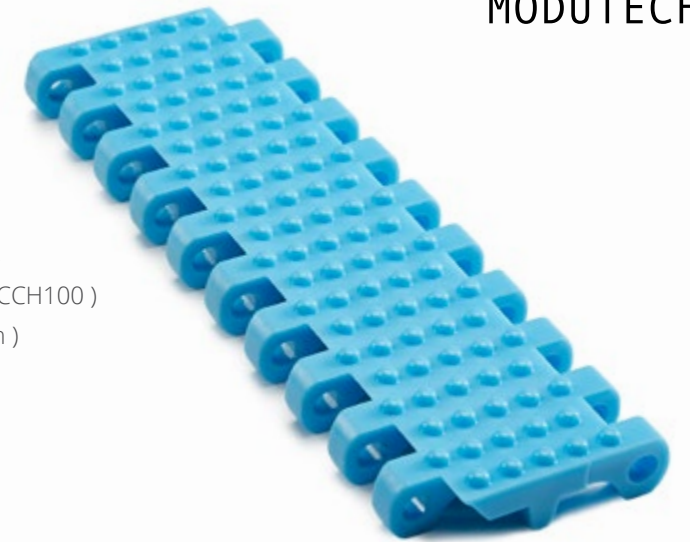
Trim Lines, Control Tables, Glazing, Elevators

• 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

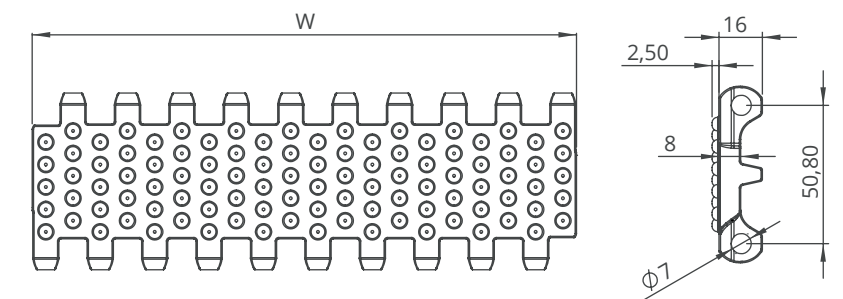
EC508 NT / Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C (min.) - °F (min.)	°C (max.) - °F (max.)	Kg/m ² - lb/ft ²
	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

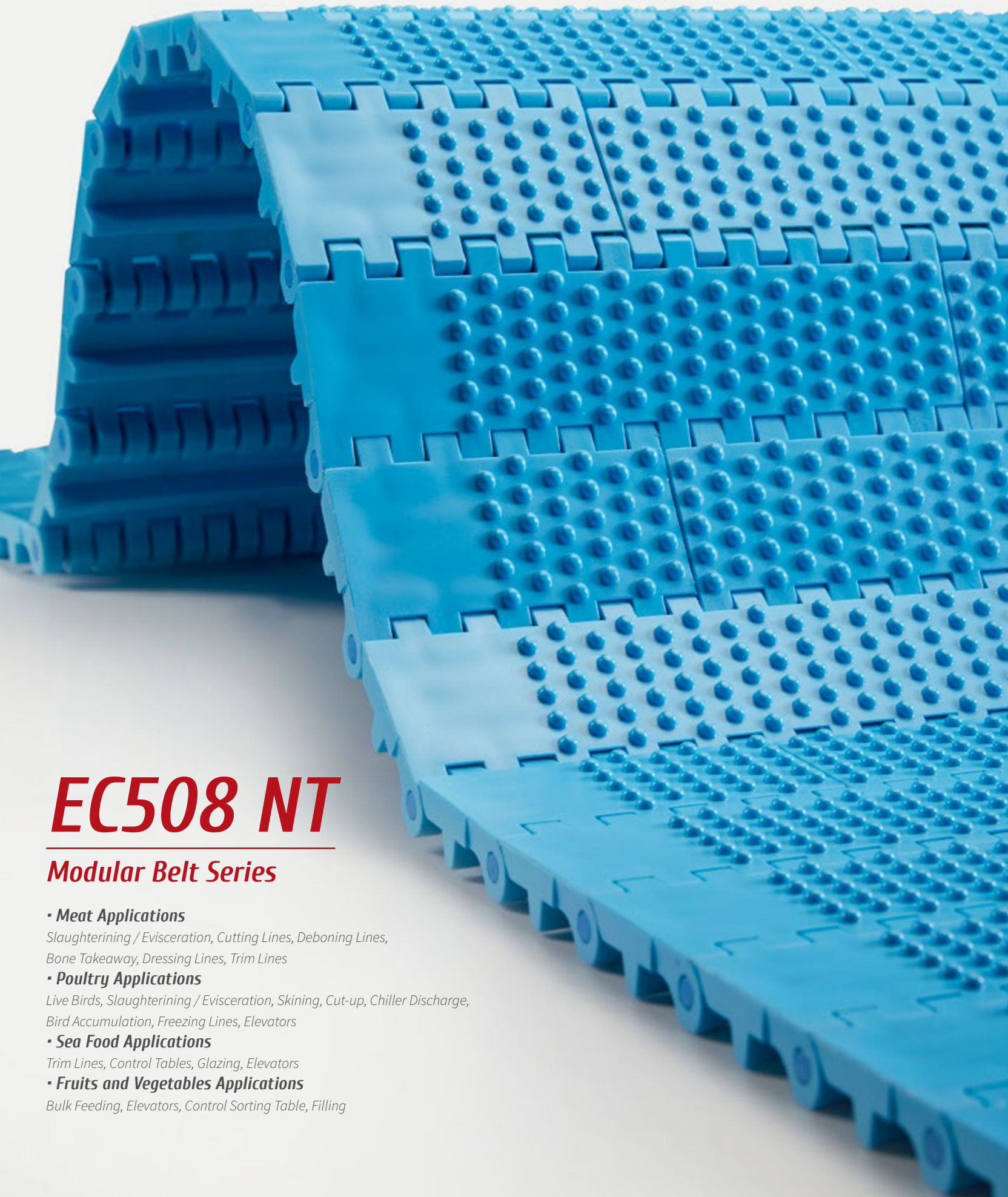
- Belt strength and temperature values are maximum on the table.

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 NT

Modular Belt Series

• Meat Applications

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

• Poultry Applications

Live Birds, Slaughtering / Evisceration, Skinning, Cut-up, Chiller Discharge, Bird Accumulation, Freezing Lines, Elevators

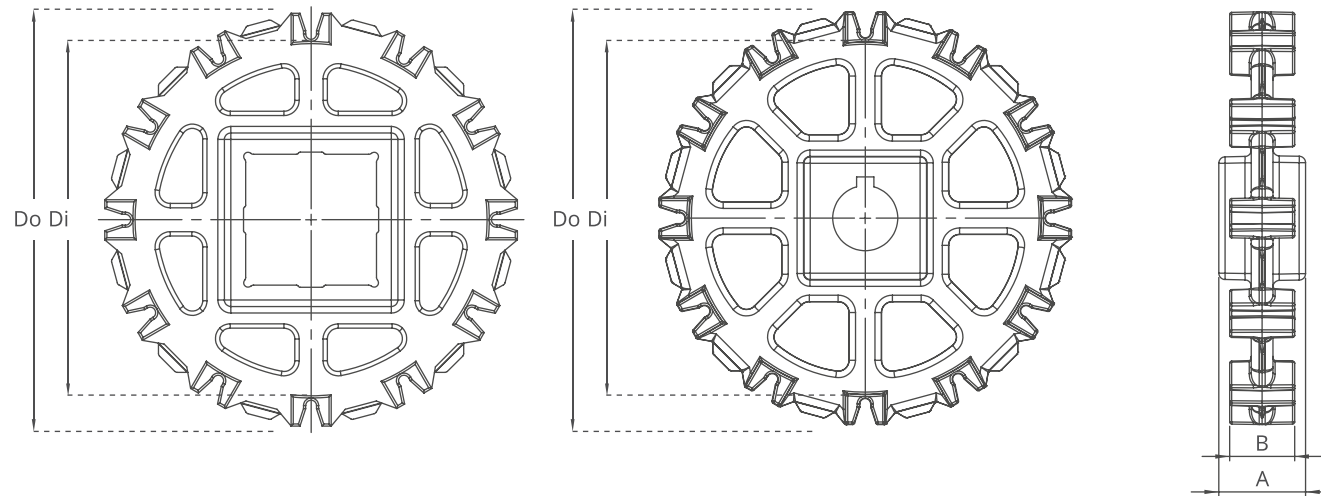
• Sea Food Applications

Trim Lines, Control Tables, Glazing, Elevators

• Fruits and Vegetables Applications

Bulk Feeding, Elevators, Control Sorting Table, Filling

EC508 Series Sprockets and Technical Specifications



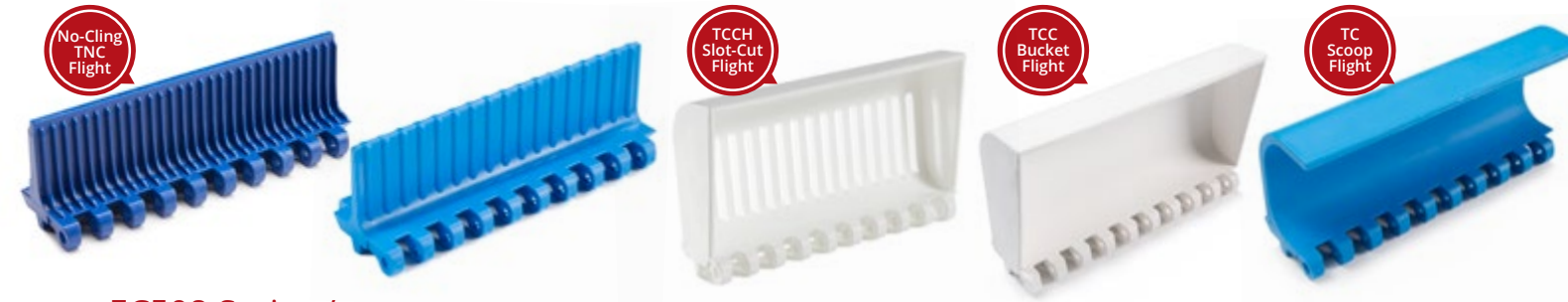
EC508 Series / Standard Sprockets Dimensions

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 available for each size.

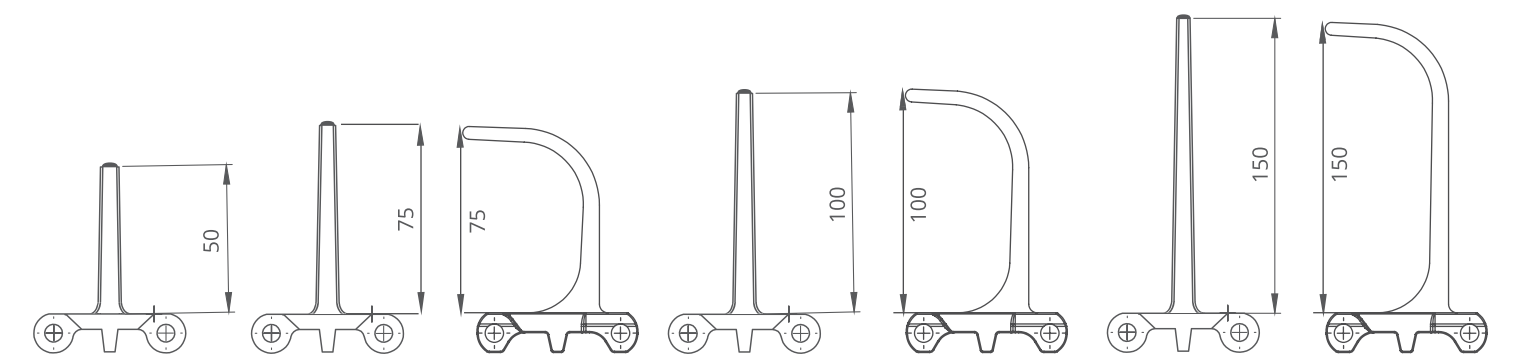


EC508 Series Accessories and Technical Specifications

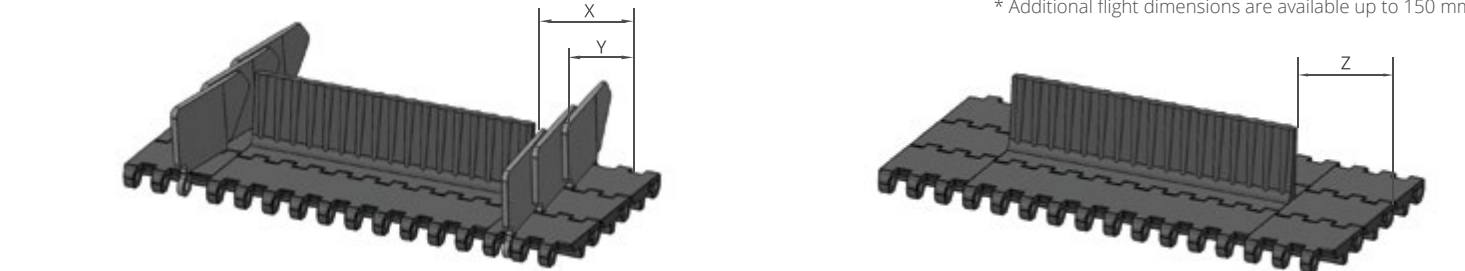


EC508 Series / Flight & Sidewall Dimensions

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

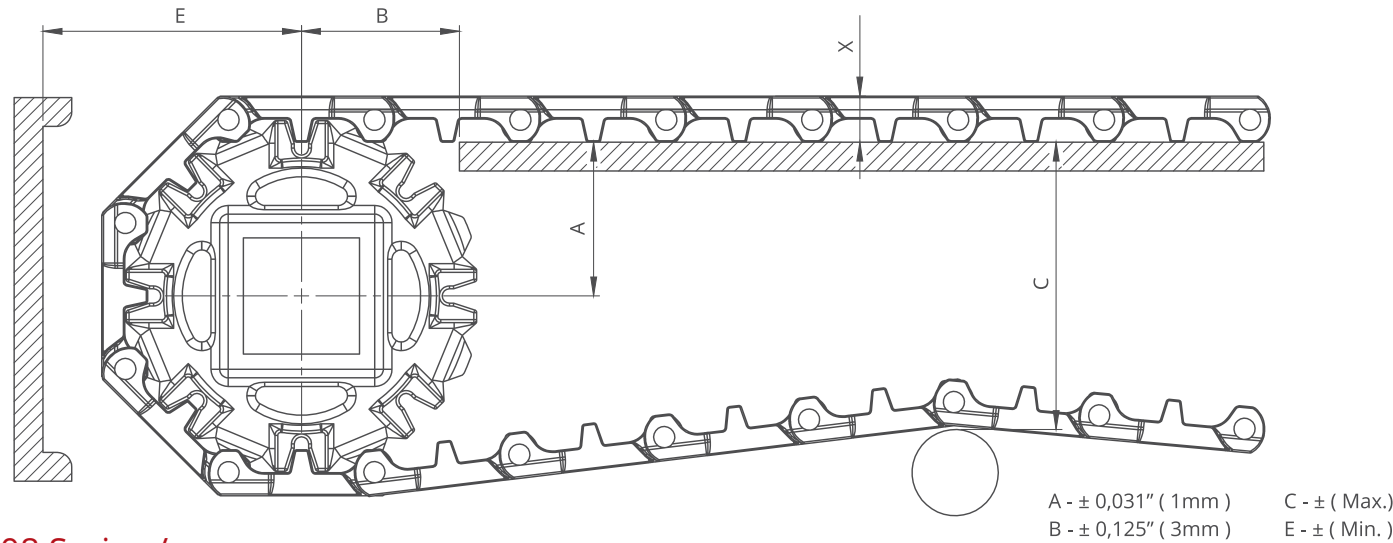
Possible Sidewall and Flight Indents	X		Y	
	mm	inch	mm	inch
Standard, no module cutting	40,0	1.57	18,2	0.72
Non-standard	50,0	1.97	28,2	1.11
Standard, no module cutting	60,0	2.36	38,2	1.50
Non-standard	70,0	2.76	48,2	1.90
Standard, module cutting necessary	80,0	3.15	58,2	2.29
Non-standard	90,0	3.54	68,2	2.69

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.

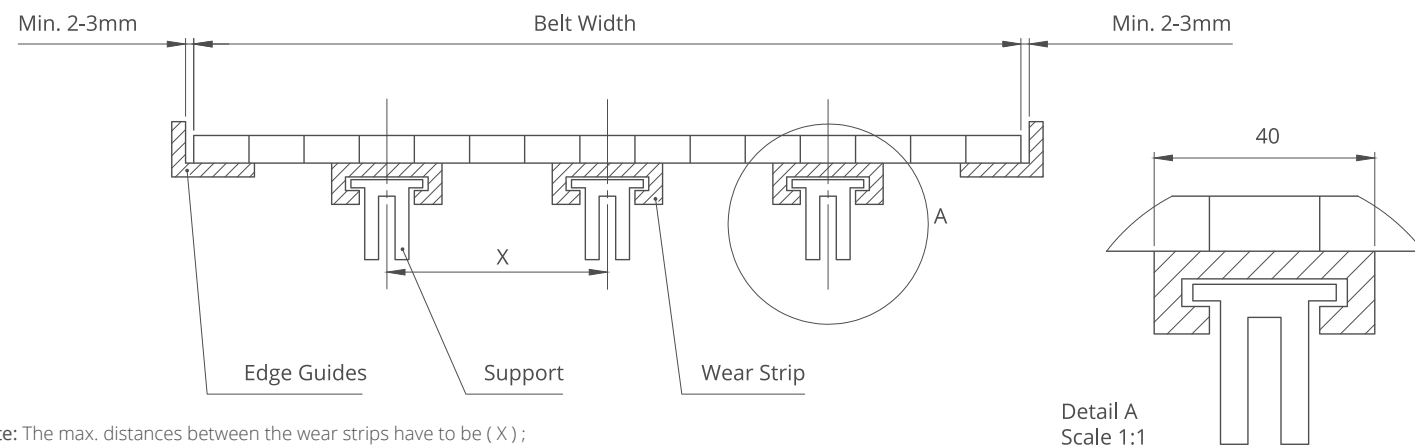
Note: Gap between flight and sidewall minimum 2-3 mm



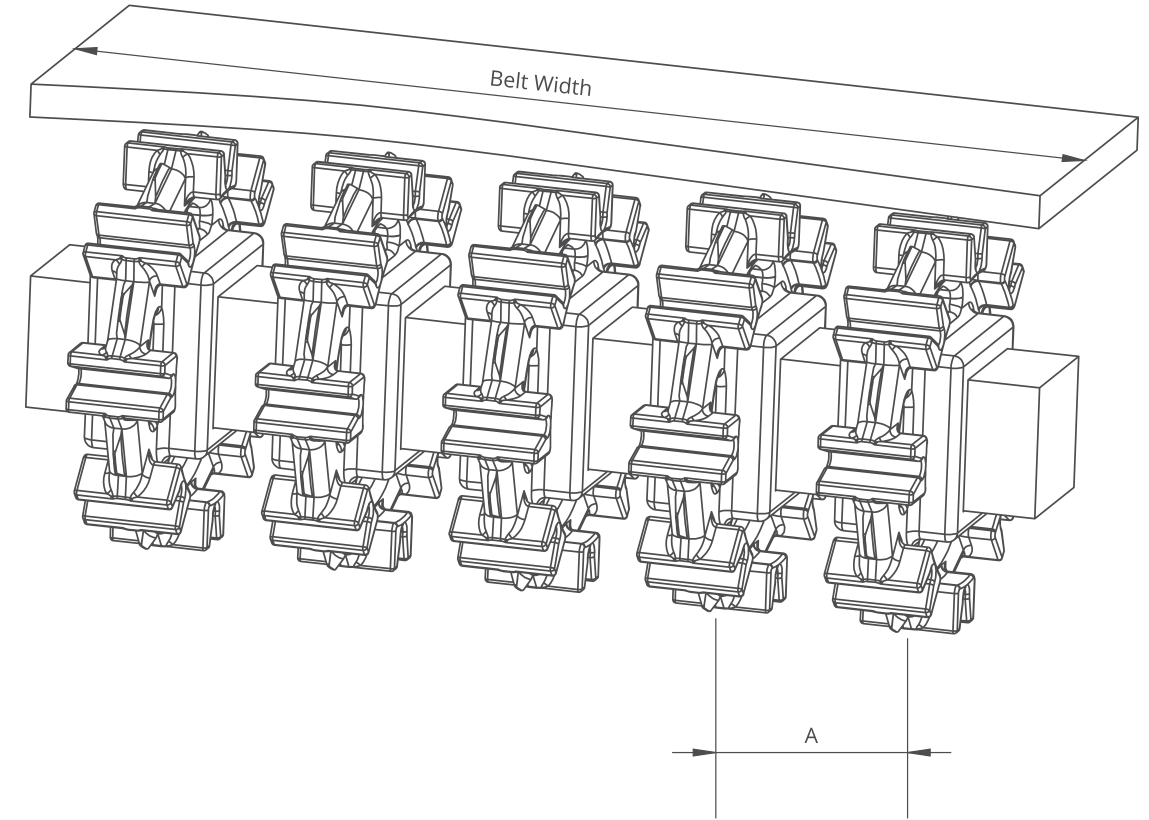
EC508 Series / Conveyor Frame Dimensions

Sprockets Description			A		B		C		E		X		
Pitch Diameter	inch	mm	No.Teeth	Range (Bottom to Top)		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



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.