

HabaCHAIN® Slat and Conveyor Chains

Product Guide

Habasit–Solutions in motion



Product liability, application considerations

If the proper selection and application of Habasit products are NOT recommended by an authorized Habasit sales specialist, the selection and application of Habasit products, including the related area of product safety, are the responsibility of the customer.

All indications / information are recommendations and believed to be reliable, but no representations, guarantees, or warranties of any kind are made as to their accuracy or suitability for particular applications. The data provided herein are based on laboratory work with small-scale test equipment, running at standard conditions, and do not necessarily match product performance in industrial use. New knowledge and experiences can lead to modifications and changes within a short time without prior notice.

BECAUSE CONDITIONS OF USE ARE OUTSIDE OF HABASIT'S AND ITS AFFILIATED COMPANIES CONTROL, WE CANNOT ASSUME ANY LIABILITY CONCERNING THE SUITABILITY AND PROCESS ABILITY OF THE PRODUCTS MENTIONED HEREIN. THIS ALSO APPLIES TO PROCESS RESULTS / OUTPUT / MANUFACTURING GOODS AS WELL AS TO POSSIBLE DEFECTS, DAMAGES, CONSEQUENTIAL DAMAGES, AND FURTHER-REACHING CONSEQUENCES.

Warning

Habasit belts and chains are made of various plastics that WILL BURN if exposed to sparks, incendiaries, open flame or excessive heat. NEVER expose plastic belts and chains to a potential source of ignition. Flames resulting from burning plastics may emit TOXIC SMOKE and gasses as well as cause SERIOUS INJURIES and PROPERTY DAMAGE

Contents

Introduction

The Habasit Solution	5
Product Types	7
Getting Started – Chain Selection Criteria	8
Nomenclature	9
Material Overview	14
Material Characteristics	20

Slat Top Plastic Chains

770T (Radius) 1.0"	21
820 (Straight) 1.5"	22
821 (Straight) 1.5"	23
831 (Straight) 1.5"	24
879B (Radius) 1.5"	25
879T (Radius) 1.5"	26
880B (Radius) 1.5"	27
880J (Radius) 1.5"	28
880T (Radius) 1.5"	29
880M (Radius) 1.5"	30
882B (Radius) 1.5"	31
882T (Radius) 1.5"	32
882TG (Radius) 1.5"	33
890T (Radius) 1.5"	34
1061M (Radius) 1.0"	35
1061T (Radius) 1.0"	36
Slat Top Plastic Accessories	37

Low Back Pressure Chains

821 (Straight) 1.5"	39
821 SB (Straight) 1.5"	40
882T (Radius) 1.5"	41
882T SB (Radius) 1.5"	42

Slat Top Steel Chains

800 (Straight) 1.5"	43
810 (Straight) 1.5"	44
881B (Radius) 1.5"	46
881T (Radius) 1.5"	47
Slat Top Steel Accessories	48

Flexi Chains

7100L	49
7100K	50
7100F	51
7100G	52

Snap-on Chains

843 (Straight) 0.50"	53
843C (Straight) 0.50"	54
863 (Straight) 0.75"	55
863T (Straight) 0.75"	56
963 (Straight) 0.75"	57
963T (Straight) 0.75"	58
1843T (Radius) 0.50"	59
1873T+T (Straight) 0.75"	60
1873T (Radius) 0.75"	61
1873+D1 (Radius) 0.75"	62
1873+L4 (Radius) 0.75"	63
1874T (Radius) 0.75"	64
2873SD (Radius) 0.75"	65
3873T (Radius) 0.75"	66
Snap-on Accessories	67

Multiflex Chains

1700 (Radius) 1.97"	68
1701T (Radius) 1.97"	69

Case Chains

600 (Radius) 2.50"	70
601 (Radius) 2.50"	71
610T (Radius) 2.50"	72
611T (Radius) 2.50"	73
611TE (Radius) 2.50"	74
1100 (Straight) 1.00"	75
1110T (Radius) 1.00"	76
1150 (Straight) 1.50"	77
1151T (Radius) 1.50"	78
1200 (Straight) 2.00"	79
1210T (Radius) 2.00"	80
1250 (Straight) 2.50"	81
1251T (Radius) 2.50"	82
1400 (Radius) 3.25"	83
1410T (Radius) 3.25"	84
3200 (Straight) 2.00"	85
3210T (Radius) 2.00"	86
NH78 (Straight) 2.61"	87
Case Chain Accessories	88

Miniature Chains

40P (Straight) 0.50"	92
60P (Straight) 0.75"	93

Contents

Multi-Hub Sprockets and Idlers

Product Information	94
820 Sprocket-Rims	95
820 Idler-Rims	96
821 Sprocket-Rims	97
880 Sprocket-Rims	98
881 Sprocket-Rims	99
882 Sprocket-Rims	100
1060 Sprocket-Rims	101
Multi-Hub Inserts	102

Solid Sprockets and Idlers

600 Sprockets	103
810 Sprockets	104
810 Idlers	105
820 Sprockets	106
821 Sprockets	107
880 Sprockets	108
881 Sprockets	109
882 Sprockets	110
1100 Sprockets	111
1150 Sprockets	112
1200 Sprockets	113
1250 Sprockets	114
1400 Sprockets	115
1700 Sprockets	116
3200 Sprockets	117
7100 Sprockets	118
7100 Idlers	119
NH78 Sprockets	120

Appendix

Chemical Resistance – Plastics	121
Chemical Resistance – Steel	126
Safety Information	127

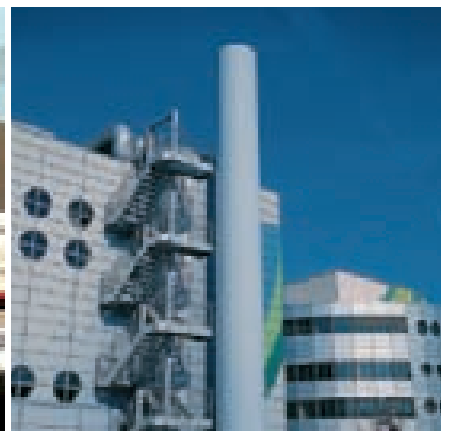
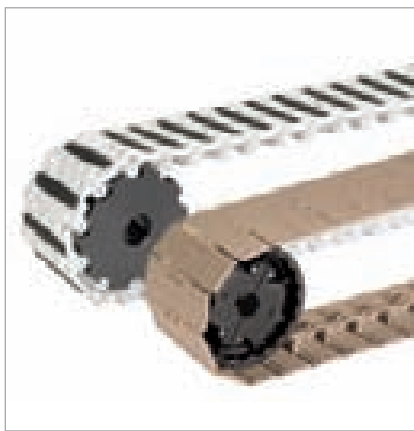
Habasit is the worldwide market leader in the belting industry, providing the entire range of belts and delivering the highest levels of service. Our key objective is to offer superior solutions in motion for our customers. Anywhere. Anytime.

HabaCHAIN®

Designed, manufactured and serviced by the global leader in belting, Habasit's top-quality range of slat and conveyor chains are available in both straight-running and sideflexing versions. These are fully compatible with the industry standards. Slat-chain product retrofits and all state-of-the-art features are available.

Your solutions partner

Habasit is committed to understanding your design parameters and application needs. After reviewing your requirements, our specialists will suggest the best solution for each application and cooperate closely with you to ensure a perfect implementation.



The complete range of products

To meet all your needs, we supply plastic modular belts as well as fabric belting, accessories and gears. Based on over 60 years of experience and continuous innovation, you receive the best solution for your application. Exactly the right products, at exactly the right time.

Major investments in R&D

Because your belting challenges never let up, we have dedicated more than 3% of our employees to the research and development of new products and to improving our existing range. We own many state-of-the-art laboratory facilities, and our annual R&D budget for belts is over 8% of company turnover.

Unparalleled global service coverage

Habasit serves you through its 38 fully owned Affiliated Companies around the world. Every company has its own inventory, fabrication, assembly and service facilities. Furthermore, every company is totally committed to serving our customers in a reliable, expert and timely manner.

Full commitment of the leading global belting supplier

Our entire organization of 3500 employees is dedicated to meeting your needs for solutions in motion. No matter how fast they develop. At all times, Habasit is driven by our absolute commitment to adding true value to your business.

For additional information please visit www.habachain.com

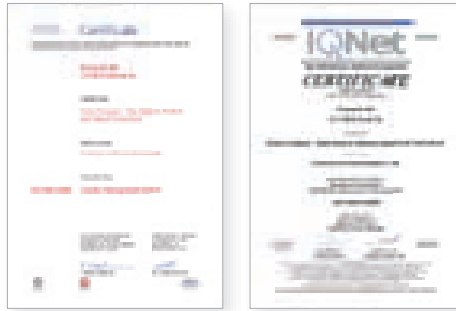
The Habasit Solution

Worldwide leading product range

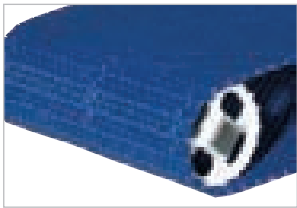
Habasit offers the largest selection of belting, conveying, processing and complementary products in the industry. Our response to any request is exactly your best solution.

Certified for quality

We deliver the highest quality standards not only in our products and solutions, but also in our employees' daily work processes. Habasit AG is certified according to ISO 9001:2000.



Key product ranges



HabasitLINK®/KVP®
Plastic modular belts



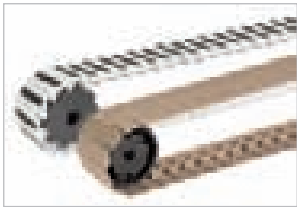
HabaFLOW®
Fabric-based conveyor and processing belts



HabaDRIVE®
Power transmission belts



HabaSYNC®
Timing belts



HabaCHAIN®
Slat and conveyor chains



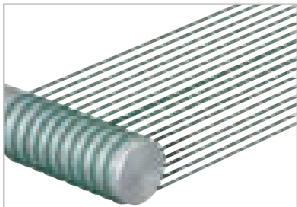
HabiPLAST®
Profiles, Guides, Wearstrips



Machine tapes



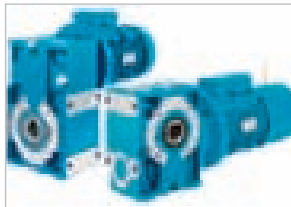
Seamless belts



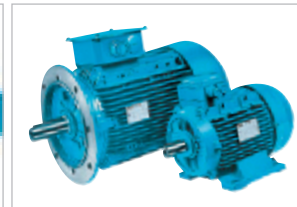
Round belts



Fabrication tools (joining tools)



Gear reducers, Gear motors, Motion control



Electric motors

Introduction

Product Types



Slat Top Plastic Chains

Available in straight running 820, 821 and 831. Radius chain available in 879, 880, 882 and 1061. Tight turning radius available in 770 and 890.



Low Back Pressure Chains

Standard version 821 and 882 as well as patented sliding block system available.



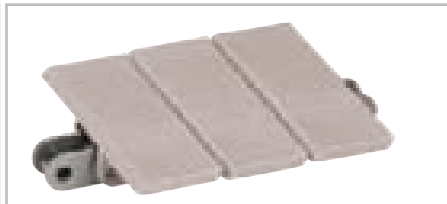
Slat Top Steel Chains

Available in four steel qualities and designed for the beverage industry, as well as for heavy duty, high temperature and static electricity applications.



Flexi Chains

Patented System. For modular conveyor systems made of aluminum or steel profiles. The patented connecting system enables assembly of the chain without changing the pin.



Snap-on Chains

Two-piece chain with steel roller base chain and plastic top plate. Base chains in two dimensions (ANSI 40 = 0.5" pitch or ANSI 60 = 0.75" pitch) and made of carbon or stainless steel.



Multiflex Chains

The 1700 and 1701T are heavy duty biplanar chains. Applications include alpine systems (inline accumulation) and case conveyors.



Case Chains

Case chains are available in many different designs ranging from 1" pitch to 3.25" pitch. The popular 1200/3200 series chain was developed and patented by KVP®.



Miniature Chains

Driven by standard roller chain sprockets (ANSI 40 = 0.5" pitch or ANSI 60 = 0.75" pitch). Only straight running.



Multi-Hub Sprockets and Idlers

Patent pending. Different split sprockets or idlers can be combined with different hub inserts.



Solid Sprockets and Idlers

Machined or molded solid sprockets and idlers. Made of plastics or steel.

Introduction

Getting started – Chain Selection Criteria

What do you need to know to select the right chain type? How can you get the necessary information? We outline several things below to think about when selecting a chain type, and indicate where you can find specific information.

Chain path

Conveyor chains can run either through curves and/or straight. We refer to them as "radius" or "straight". Radius chains are also known as sideflexing chains. Straight chains generally have a higher load capacity than radius chains.

Chain accessories

HabaCHAIN® offers a variety of special accessories. You can find them listed in this Product Guide at the end of their product groups.

Chain material

HabaCHAIN® offers a variety of different materials to meet specific application requirements. Some of these are only available on request.

Pin material

Stainless steel pins are available in magnetic and non-magnetic alloys.

Chain color

For standard colors please refer to the Material Overview. Other colors are available on request.

Sprockets and idlers

Multi-Hub and Solid types are available.

HabaCHAIN® Slat Top 820 (Straight)

← Product type

Drawing: indicates the main dimensions (characters are displayed in the data chart below)

Description
Slat Top 820 is a standard duty straight running only plastic chain. Top plate thickness 4.00 mm. Applications include packaging and bottling lines. Use 820 series for side transfer with 770, 880 or 890 series radius chains.

Photo: product is shown in the most common material (in this case LF)

Item code: ordering code (descriptive)

Chain weight: value is indicative

R_b = Backbending radius
 R_s = Sideflexing radius
 R_a = Top plate roughness

Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C0820K0250DPAA	63.5	2.50	0.74	0.50	1650	371	DP
C0820K0250LFAA	63.5	2.50	0.74	0.50	1650	371	LF

Additional documentation is available:

HabaCHAIN® website

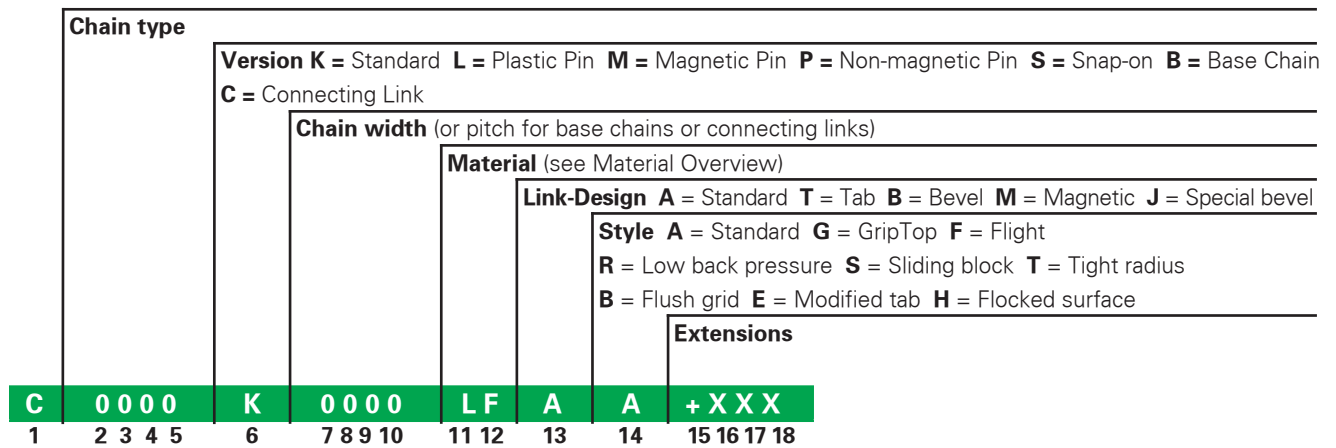
HabaCHAIN® Product Overview

Please visit the website (www.habachain.com) or contact your local Habasit partner.

Introduction

Nomenclature

Chain code



Extensions

Type: digits 16 and 17

+WG Wide gap hinges **+L4** Four finger GripTop **+D1** Tubular GripTop

+R1 Bended right **+L1** Bended left **+RL** Bended both sides

+T 1873T+T **+TP** Snap-on top plate

Building pattern for chains with accessories: digits 16 and 17

+01 Accessory on each module

+02 Accessory on every second module per 10 ft

+03 Accessory on every third module per 10 ft

+04 Accessory on every fourth module per 10 ft

Colors (on request): digit 18

+..1 Natural **+..2** Light gray **+..3** Blue **+..4** Black **+..6** Dark beige **+..8** Dark gray **+..A** Green

Examples

C0882K0750PTTR

Chain 882 **Version** Standard **Width** 7.50 inch **Material** PT **Link-Design** Tab

Style Low back pressure

C0810K0325CSAA+WG

Chain 810 **Version** Standard **Width** 3.25 inch **Material** CS **Link-Design** Standard

Style Standard **Extension** Wide gap hinges

C1873S0375LFTG+D1

Chain 1873 **Version** Snap-on **Width** 3.75 inch **Material** LF **Link-Design** Tab

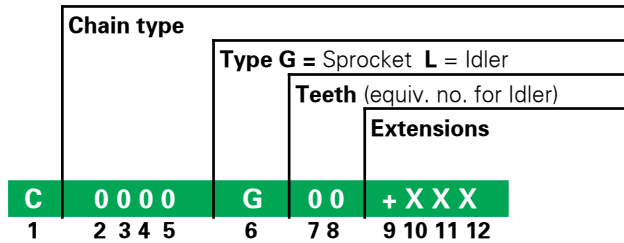
Style GripTop **Extension** Tubular GripTop

Introduction

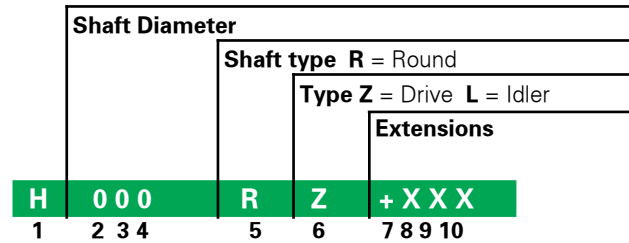
Nomenclature

Multi-Hub Sprocket and Idler code

Multi-Hub Sprocket-Rims and Idler-Rims



Multi-Hub Inserts



Extensions digits 10 and 11

+ND Special noise dampening material

Examples

C0820G25+ND

Chain 820 or similar engagement **Type Multi-Hub** Sprocket-Rim **Teeth** 25

Material Special noise dampening material

C0820L21

Chain 820 or similar engagement **Type Multi-Hub** Idler-Rim **Teeth** 21

H030RZ

Multi-Hub Insert **Shaft diameter** 30 mm **Shaft type** Round Type Drive

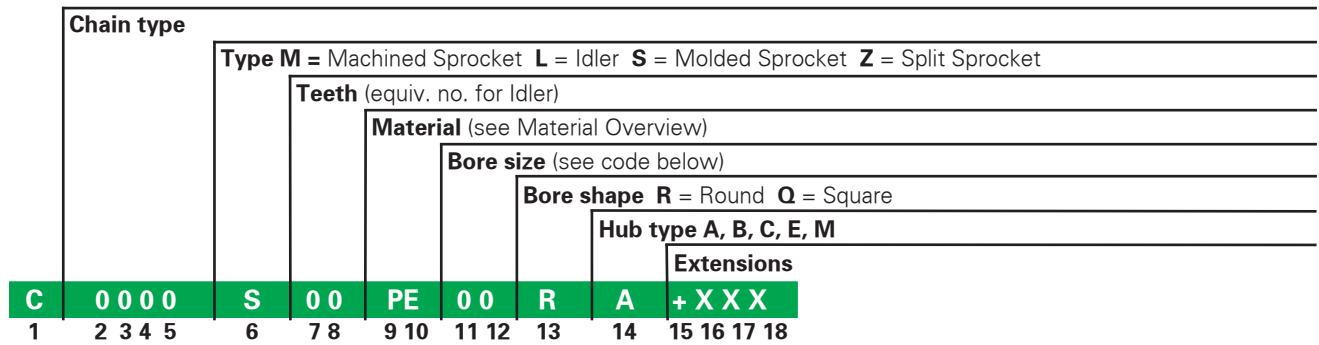
H118RL

Multi-Hub Insert **Shaft diameter** 1.18 inch **Shaft type** Round Type Idler

Introduction Nomenclature

Solid Sprocket and Idler code

Solid Sprockets and Idlers



Bore size: digits 11 and 12

Round shape					Square shape				
Code	Diameter	Code	Diameter	Code	Diameter	Code	Width	Code	Width
00	Pilot bore	50	50 mm	32	1 1/4"	25	25 mm	02	1"
20	20 mm	60	60 mm	37	1 7/16"	40	40 mm	03	1 1/2"
25	25 mm	90	90 mm	03	1 1/2"	50	50 mm	04	2"
30	30 mm	01	3/4"	04	2"	60	60 mm	05	2 1/2"
35	35 mm	02	1"	05	2 1/2"				
40	40 mm	31	1 3/16"	07	3 1/2"				

Extensions

Colors (on request): digit 18
 + . . 1 Natural white + . . 4 Black

Examples

C0810L23PE+004

Chain 810 or similar engagement **Type** Idler **Teeth** 23 **Material** PE **Extension** Black

C0821S21CS

Chain 821 or similar engagement **Type** Molded Sprocket **Teeth** 21 **Material** CS

C1200M08NY00RA

Chain 1200 or similar engagement **Type** Machined Sprocket **Teeth** 08 **Material** NY **Bore size** Pilot bore
Bore shape Round **Hub type** A

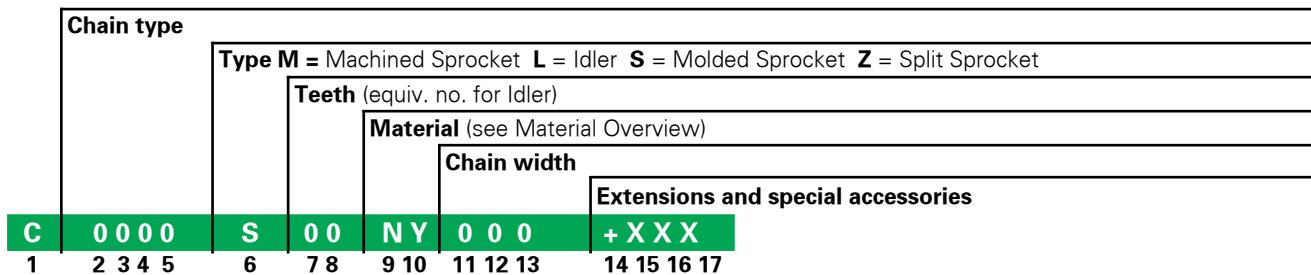
C3200M08PEC03QC

Chain 3200 or similar engagement **Type** Machined Sprocket **Teeth** 08 **Material** PE **Bore size** 1.5 inch
Bore shape Square **Hub type** C

Introduction Nomenclature

Solid Sprocket and Idler code for Flexi 7100 Chains

Solid Sprockets and Idlers



Extensions

Colors (on request): digit 17

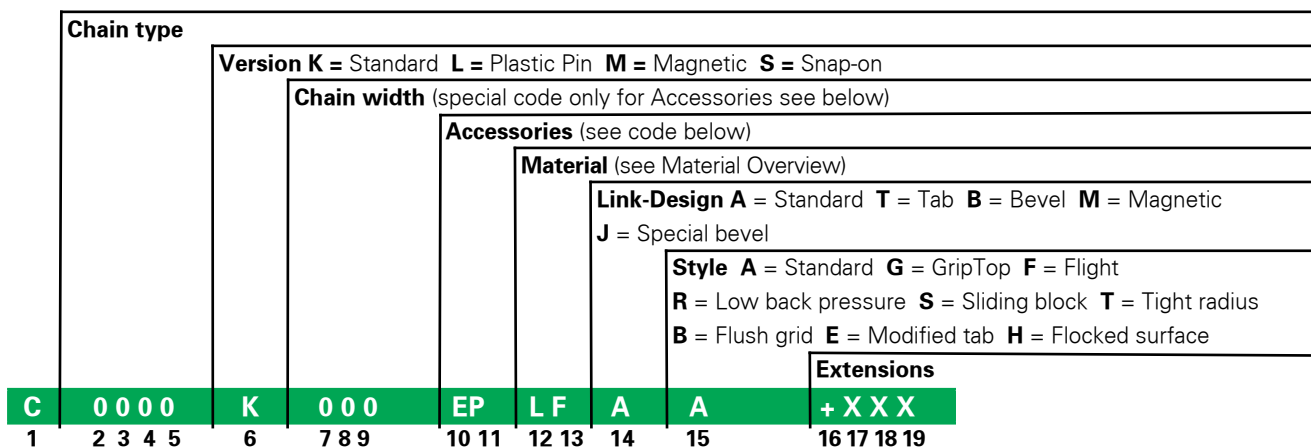
+ . . 1 Natural white + . . 4 Black

Example

C7100M12PE325

Chain 7100 engagement **Type** Machined Sprocket **Teeth** 12 **Material** PE **Chain width** 3.25 inch

Accessories code



Chain width: digits 7 to 9

Code	Description
100	1.00"
125	1.25"
138	1.38"
144	1.44"
150	1.50"
165	1.65"
169	1.69"
200	2.00"

Code	Description
210	2.10"
219	2.19"
224	2.24"
225	2.25"
248	2.48"
250	2.50"
291	2.91"
325	3.25"

Code	Description
330	3.30"
375	3.75"
400	4.00"
405	4.05"
450	4.50"
600	6.00"
750	7.50"
Q10	10.00"

Code	Description
Q12	12.00"
Q15	15.00"
Q16	16.00"

Introduction

Nomenclature

Accessories: digits 10 and 11

EP Extended pin **HR** Half round pusher **A1** Plastic tab one hole (one side)

A2 Plastic tab one hole (two sides) **K1** Stainless steel attachment

K2 Plastic tab two holes (two sides) **CT** Cone Line Module

X_ Custom insert type (see Slat Top Plastic and Snap-on Accessories) **TP** Snap-on top plate

Extensions

Building pattern for chains with accessories: digits 17 and 18

+01 Accessory on each module

+02 Accessory on every second module per 10 ft

+03 Accessory on every third module per 10 ft

+04 Accessory on every fourth module per 10 ft

Colors (on request): digit 19

(for Extended pin version digit 19 indicates the pin diameter instead of the color)

+ . . 1 Natural white **+ . . 2** Light gray **+ . . 3** Blue **+ . . 4** Black **+ . . 6** Dark beige **+ . . 8** Dark gray **+ . . A** green

Examples

C0820K325XAPTAA+05

Chain 820 **Version** Standard **Width** 3.25 inch **Accessory** Custom insert type A

Material PT **Link-Design** Standard **Style** Standard

Extension Accessory on every fifth module per 10 ft

C1873SQ12XBLFTA+11

Chain 1873 **Version** Snap-on **Width** 12.00 inch **Accessory** Custom insert type B

Material LF **Link-Design** Tab **Style** Standard

Extension Accessory on every 11th module per 10 ft

C1200K224K2DPAA+031

Chain 1200 **Version** Standard **Width** 2.24 inch **Accessory** Plastic tab two holes (two sides)

Material DP **Link-Design** Standard **Style** Standard

Extension Accessory on every third module per 10 ft and color Natural white

CNH78K291EPLFAA+157

Chain NH78 **Version** Standard **Width** 2.91 inch **Accessory** Extended pin

Material LF **Link-Design** Standard **Style** Standard

Extension Accessory on every 15th module per 10 ft and pin diameter 7/16 inch

Introduction

Material Overview

Plastic chains

HabaCHAIN® products are made of high quality plastics from the best raw material producers. Habasit's program of studying material applications ensures the most suitable plastic type material for the particular conditions, as listed below:

Plastic chains – Standard chain materials					
Material	Description	Food approval ²⁾	Density [g/cm ³]	Temperature range	Standard color
DP	Standard POM (Acetal) ¹⁾ with good strength and good coefficient of friction. For standard low speed applications.	EU, FDA	1.42	Dry conditions: -40°C to +90°C (-40°F to +194°F), Wet conditions: -40°C to +60°C (-40°F to +140°F)	Light gray
LF	Low-friction POM (Acetal) ¹⁾ with high strength and good abrasion resistance. Suitable for high speed applications.	EU, FDA	1.42	Dry conditions: -40°C to +90°C (-40°F to +194°F), Wet conditions: -40°C to +60°C (-40°F to +140°F)	Light brown
PT	Extra low-friction POM (Acetal) ¹⁾ with a special self-lubricating agent incorporated into the molecular structure. The material shows a low coefficient of friction, high strength and good abrasion resistance. Suitable for high speed applications with reduced lubrication.	EU, FDA	1.43	Dry conditions: -40°C to +90°C (-40°F to +194°F), Wet conditions: -40°C to +60°C (-40°F to +140°F)	Dark gray for Flexi Chains: White

Plastic chains – Special chain materials					
Material	Description	Food approval ²⁾	Density [g/cm ³]	Temperature range	Standard color
TS	Extra low-friction POM (Acetal) ¹⁾ with special self-lubricating agents incorporated into the molecular structure. The material shows a very low coefficient of friction, good strength and abrasion resistance. Suitable for dry running high speed applications. Provides longer wear life at higher speeds.	–	1.43	Dry conditions: -40°C to +90°C (-40°F to +194°F), Wet conditions: -40°C to +60°C (-40°F to +140°F)	Silver
EC	POM (Acetal) ¹⁾ with a electrical surface resistivity below 50.000 Ohm/sq (DIN/EN 1637). Material has high strength and a good coefficient of friction. Especially for applications where belt charge-up must be avoided	–	1.42	Dry conditions: -40°C to +90°C (-40°F to +194°F)	Black
AS	POM (Acetal) ¹⁾ with reduced electrical surface resistance to avoid dust accumulation and belt charge-up. Material has high strength and a low coefficient of friction.	–	1.42	Dry conditions: -40°C to +90°C (-40°F to +194°F) Wet conditions: -40°C to +60°C (-40°F to +140°F)	White
MD	POM (Acetal) ¹⁾ with a special detectable additive (X-ray and metal detectors). The material has high strength and a low coefficient of friction, but is not suitable for long-term contact with high concentrations of acids and chlorine.	EU, FDA	1.51	Dry conditions: -40°C to +90°C (-40°F to +195°F) Wet conditions: -40°C to +60°C (-40°F to +140°F)	Blue

¹⁾ POM (Acetal) generally shows good resistance to oil and alkalines and has a cut-resistant surface.

²⁾ For details on food approvals, please contact Habasit

Introduction

Material Overview

Plastic chains – Special chain materials					
Material	Description	Food approval ²⁾	Density [g/cm ³]	Temperature range	Standard color
MG	Special patented magnetic-sensitive thermoplastic material formulated for magnetic conveyor system applications.	–	1.50	Dry conditions: -40°C to +82°C (0°F to +180°F) Wet conditions: -40°C to +66°C (0°F to +151°F)	Black
PK	Extra wear-resistant aramidic fiber-filled thermoplastic material, for wet and dry applications and abrasive conditions. This special coefficient of friction compound ensures good wear resistance and a low coefficient of friction, especially for abrasive, wet or dry running applications.	–	1.41	Dry conditions: -40°C to +82°C (0°F to +180°F) Wet conditions: -40°C to +66°C (0°F to +151°F)	Dark gray
WR	Extra wear-resistant thermoplastic material for dry applications and abrasive conditions (glass). This special coefficient of friction compound ensures better wear resistance than NY and a low coefficient of friction. When using this material, it is necessary to use a synthetic lubricating agent (no water).	–	1.35	Dry conditions: -18°C to +82°C (0°F to +180°F) Wet conditions: -18°C to +66°C (0°F to +151°F)	Black
WK	Extra wear-resistant aramidic fiber-filled thermoplastic material, for dry applications and abrasive conditions (glass). This special coefficient of friction compound ensures better wear resistance than NY and a low coefficient of friction. When using this material, it is necessary to use a synthetic lubricating agent (no water).	–	1.15	Dry conditions: -18°C to +82°C (0°F to +180°F) Wet conditions: -18°C to +66°C (0°F to +151°F)	Light green
NY	Thermoplastic material with high strength and abrasion resistance. Material has very good long-term heat resistance. Suitable for heavy conveying applications in dry conditions and at elevated temperatures. Material is specially modified for improved stability at elevated temperatures. Flammability UL94 V2 *Above +40 °C (+104 °F) the material is very tough and develops its best properties.	EU	1.14	Wet conditions: not recommended Dry conditions*: -46°C to +130°C short-term +160°C (-50°F to +270°F short-term +320°F)	Dark gray
HT	Reinforced thermoplastic material with very high strength and toughness. Suitable for heavy conveying applications in dry conditions and at elevated temperatures. Material is specially modified for improved stability at elevated temperatures. Flammability UL94 HB.	–	1.41	Wet conditions: not recommended Dry conditions: 0°C to +170°C short-term +200°C (+32°F to +338°F short-term +392°F)	Gray
NG	Extra low friction PBT material with good strength and very good abrasion resistance. Suitable for high speed, dry running applications.	–	1.32	Wet conditions: -40°C to +60°C (-40 °F to +140°F) Dry conditions: -40°C to +130°C short-term +150°C (-40°F to +266°F short-term +302°F)	Gray
FR	Flame retardant PBT material with excellent stiffness, hardness, low coefficient of friction and good abrasion resistance. Suitable for conveying applications with special demands for low flammability. Increased wear-life due to good friction and wear properties. Flammability UL94 V0, ISO-340.	–	1.47	Wet conditions: -40°C to +60°C -40°F to +140°F Dry conditions: -40°C to +130°C short-term +150°C (-40°F to + 266°F short-term + 302°F)	Green

²⁾ For details on food approvals, please contact Habasit

Introduction

Material Overview

Plastic chains – Special chain materials					
Material	Description	Food approval ²⁾	Density [g/cm ³]	Temperature range	Standard color
GR	Thermoplastic material with chemical resistance to acids, alkalines and hot water. For continuous use in boiling water. Density allows the material to sink in water. For details on chemical resistance please contact Habasit.	EU, FDA	1.24	+5°C to +105°C (+40°F to + 220°F)	Natural white
PP	Thermoplastic material, chemical resistant, glass fiber reinforced, for all applications with chemical agents.	EU	1.13	+5°C to +105°C (+40°F to + 220°F)	Natural white
CR	Extremely chemical resistant fluorinated thermoplastic material. Good strength, low friction and good abrasion resistance. Especially for applications with high demands for chemical or hot water resistance.	EU, FDA	1.78	Dry conditions: +5°C to +115°C (+40°F to +239°F) Wet conditions: +5°C to +115°C (+40°F to +239°F)	White
PC	Strong, impact resistant thermoplastic material suitable for heavy duty conveying applications, particularly case conveyors.	FDA	1.20	Dry conditions: -20°C to +130°C (-4°F to +266°F) Wet conditions: ????	Gray

²⁾For details on food approvals, please contact Habasit

Introduction

Material Overview

Steel chains				
Material	Description	Density [g/cm ³]	Temperature range	Standard color
CS	Carbon steel - 43 HRC	7.85	Wet conditions: not recommended Dry conditions: -40°C to +180°C (-40°F to +355°F)	Black
SS	Standard applications - Ferritic stainless steel, magnetic qualities, and good chemical resistance. Suitable for most applications and environments.	7.90	Dry conditions: -40°C to +260°C (-40°F to +500°F) Wet conditions: -40°C to +120°C (-40°F to +248°F)	Gray
SH	High strength applications - Martensitic stainless steel, magnetic qualities, better mechanical resistance and less chemical resistance, Ra <0.3	7.70	Dry conditions: -40°C to +400°C (-40°F to +752°F) Wet conditions: -40°C to +120°C (-40°F to +248°F)	Gray
SA	High chemical resistance - Austenitic stainless steel, non-magnetic, with better chemical resistance and wear resistance, but less mechanical strength. Used in tough environments or for esthetic reasons.	7.90	Dry conditions: -40°C to +400°C (-40°F to +752°F) Wet conditions: -40°C to +120°C (-40°F to +248°F)	Gray

Pins				
Material	Description	Density [g/cm ³]	Temperature range	Standard color
SS	Standard applications - Ferritic stainless steel, magnetic qualities, and good chemical resistance. Suitable for most applications and environments.	7.90	Dry conditions: -40°C to +260°C (-40°F to +500°F) Wet conditions: -40°C to +120°C (-40°F to +248°F)	Gray
SH	High strength applications - Martensitic stainless steel, magnetic qualities, better mechanical resistance and less chemical resistance.	7.70	Dry conditions: -40°C to +400°C (-40°F to +752°F) Wet conditions: -40°C to +120°C (-40°F to +248°F)	Gray
SA	High chemical resistance - Austenitic stainless steel, non-magnetic, with better chemical resistance and wear resistance, but less mechanical strength. Used in tough environments or for esthetic reasons.	7.90	Dry conditions: -40°C to +400°C (-40°F to +752°F) Wet conditions: -40°C to +120°C (-40°F to +248°F)	Gray
IN	High chemical resistance - Austenitic stainless steel, non-magnetic with increased resistance to chloride corrosion.	7.90	Dry conditions: -40°C to +400°C (-40°F to +752°F) Wet conditions: -40°C to +120°C (-40°F to +248°F)	Gray
PP	Thermoplastic material, chemical resistant, glass fiber reinforced, for all applications with chemical agents.	1.13	+5°C to +105°C (+40°F to +220°F)	Natural white

Introduction

Material Overview

Sprockets					
Material	Description	Food approval ²⁾	Density [g/cm ³]	Temperature range	Standard color
CS	Carbon steel for solid sprockets. Suitable in non-corrosive, abrasive environments, such as glass conveying.	–	7.85	Wet conditions: not recommended Dry conditions: -40°C to +180°C (-40°F to +355°F)	Black
SA	Austenitic stainless steel (non-magnetic) for solid sprockets. Suitable in corrosive, abrasive environments, such as vegetable processing.	EU, FDA	7.90	Dry conditions: -40°C to +400°C (-40°F to +752°F) Wet conditions: -40°C to +120°C (-40°F to +248°F)	Gray
NY	High heat resistant, good abrasion resistant thermoplastic sprocket material.	–	1.14	Wet conditions: not recommended Dry conditions: -46°C to +130°C short-term +160°C (-50°F to +270°F short-term +320 °F)	Black
PE	Suitable in chemical conveying with plastic and metal chains. Not suitable for abrasive applications. Low noise compared to steel sprockets, good wear resistance. *Below -40°C (-40°F), thermal chain shrinkage requires a sprocket pitch diameter adaptation.	EU, FDA	0.94	-70°C to +65°C (-94°F to +150°F)	Natural white
ND	Special noise dampening compound for Multi-Hub sprockets. Tough sprocket material for very low temperature applications. Especially for applications where lower noise and a longer sprocket lifetime are required. Excellent chemical resistance.	–	1.24	-20°C to +50°C (-4°F to + 120°F)	Dark gray
CR	Extremely chemical resistant thermoplastic material with good strength and abrasion resistance. Especially for applications with high demands for chemical or hot water resistance.	EU, FDA	1.78	Dry conditions: +5°C to +115°C (+40°F to +239°F) Wet conditions: +5°C to +115°C (+40°F to +239°F)	White
LI	High strength, abrasion resistant thermoplastic sprocket material.	–	1.37	Dry conditions: -40°C to +82°C (-40°F to +180°F) Wet conditions: -40°C to +60°C (-40°F to +140°F)	Black
L	Extra low friction thermoplastic material with self-lubricating agent for Multi-Hub idlers.	EU, FDA	1.41	Dry conditions: -40°C to +90°C (-40°F to +194°F) Wet conditions: -40°C to +60°C (-40°F to +140°F)	Black

²⁾For details on food approvals, please contact Habasit

Introduction

Material Overview

Accessories					
Material	Description	Food approval ²⁾	Density [g/cm ³]	Temperature range	Standard color
GF	High stiffness thermoplastic material for conveyor system chain bushing.	–	1.57	Wet conditions: not recommended Dry conditions: 0°C to +170°C Short-term +200°C (+32°F to +338°F) Short-term +392°F	Natural white
H	Wear resistant thermoplastic material. Available for LBP rollers.	FDA	1.26	Dry conditions: -40°C to +90°C (-40°F to +194°F) Wet conditions: -40°C to +60°C (-40°F to +140°F)	Blue
LF	Low-friction POM. Available for LBP rollers.	EU, FDA	1.42	Dry conditions: -40°C to +90°C (-40°F to +194°F) Wet conditions: -40°C to +60°C (-40°F to +140°F)	Dark gray
G	For GripTop inserts on Slat Top Plastic Chains	–	1.16	-40°C to +60°C (-40°F to +140°F)	Black or White
PL	For GripTop inserts on Slat Top Plastic and Snap-on Chains	–	1.14	-40°C to +80°C (-40°F to +176°F)	Black or White
HY	For GripTop inserts on Slat Top Plastic and Snap-on Chains	–	1.20	-40°C to +110°C (-40°F to +230°F)	Black

²⁾ For details on food approvals, please contact Habasit

Introduction

Material Characteristics

Characteristics	Plastics																			
	DP	LF	PT	TS	EC	AS	MD	MG	PK	WR	WK	NY	HT	NG	FR	GR	PP	CR	ND	
Impact resistance																				•
Wear resistance		•	•	•						•	•	•	•	•					•	•
Chemical resistance																•	•			
Chemical resistance (high requirements)																			•	•
Strength	•	•	•	•						•	•	•		•					•	
Low friction characteristics		•	•	•											•				•	
Suitability in wet environments	•	•	•	•			•		•										•	
Low temperature capability -40°C (-40°F)	•	•	•	•					•											•
High temperature capability +82°C (+180°F)	•	•	•	•	•		•		•	•	•									
High temperature capability +100°C (+212°F)													•						•	
High temperature capability +200°C (+392°F)														•						
Antistatic						•	•													
Electrically conductive						•														
Flame retardance																•				
Magnetic attraction									•											
Noise dampening																				•

Characteristics	Plastics							
	PE	LI	L	GF	H	G	PL	HY
Impact resistance					•	•	•	•
Wear resistance	•	•			•			
Chemical resistance	•							
Chemical resistance (high requirements)								
Strength		•						
Low friction characteristics			•					
Suitability in wet environments					•	•	•	•
Low temperature capability -40°C (-40°F)					•	•	•	•
High temperature capability +82°C (+180°F)								
High temperature capability +100°C (+212°F)					•			•
High temperature capability +200°C (+392°F)								
Antistatic								
Electrically conductive								
Flame retardance								
Magnetic attraction								
Noise dampening	•				•	•	•	•

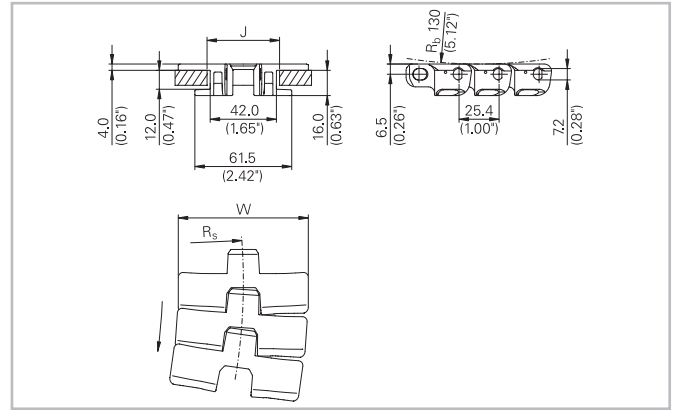
Steel				
CS	SS	SH	SA	IN
•	•	•	•	•
•	•	•	•	•
	•	•		
			•	•
•	•	•	•	•
	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•		

HabaCHAIN®

Slat Top 770T (Radius)

Description

Slat Top 770T is a tabbed standard duty tight radius and straight running plastic chain. Top plate thickness 4.0 mm. Applications include general conveyance, packaging and empty container handling in which the layout requires a tight turn. The smaller 1" (25.4 mm) pitch enables the use of shorter dead plates for product transfer. Use 770 series for side transfer with 820 series straight chains.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		J (straight)		J (curve)		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	mm	inch	mm	inch	
C0770K0325LFTA	82.6	3.25	2.40	1.61	1900	428	46.0	1.81	44.5	1.75	260	10.2	LF
C0770K0325PTTA	82.6	3.25	2.40	1.61	1900	428	46.0	1.81	44.5	1.75	260	10.2	PT
C0770K0325TSTA	82.6	3.25	2.40	1.61	1900	428	46.0	1.81	44.5	1.75	260	10.2	TS

Pin material: stainless steel

- Standard packaging: 3.048 m = 10 ft
- The weight specification is indicative
- Other materials on request

Related products

- Multi-Hub 1060 Sprocket - Rims
- Multi-Hub Inserts

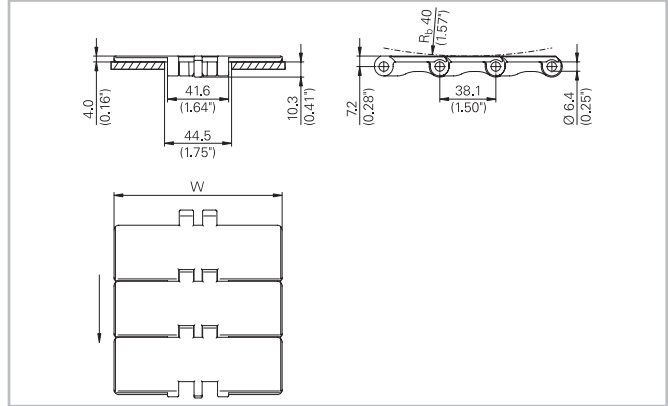
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Slat Top 820 (Straight)

Description

Slat Top 820 is a standard duty straight running only plastic chain. Top plate thickness 4.00 mm. Applications include packaging and bottling lines. Use 820 series for side transfer with 770, 880 or 890 series radius chains.



Chain Data

Habsit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C0820K0250DPAA	63.5	2.50	0.74	0.50	1650	371	DP
C0820K0250LFAA	63.5	2.50	0.74	0.50	1650	371	LF
C0820K0250PTAA	63.5	2.50	0.74	0.50	1650	371	PT
C0820K0325DPAA	82.6	3.25	0.85	0.57	1650	371	DP
C0820K0325LFAA	82.6	3.25	0.85	0.57	1650	371	LF
C0820K0325PTAA	82.6	3.25	0.85	0.57	1650	371	PT
C0820K0400DPAA	101.6	4.00	0.95	0.64	1650	371	DP
C0820K0400LFAA	101.6	4.00	0.95	0.64	1650	371	LF
C0820K0400PTAA	101.6	4.00	0.95	0.64	1650	371	PT
C0820K0450DPAA	114.3	4.50	1.03	0.69	1650	371	DP
C0820K0450LFAA	114.3	4.50	1.03	0.69	1650	371	LF
C0820K0450PTAA	114.3	4.50	1.03	0.69	1650	371	PT
C0820K0600DPAA	152.4	6.00	1.25	0.84	1650	371	DP
C0820K0600LFAA	152.4	6.00	1.25	0.84	1650	371	LF
C0820K0600PTAA	152.4	6.00	1.25	0.84	1650	371	PT
C0820K0750DPAA	190.5	7.50	1.47	0.99	1650	371	DP
C0820K0750LFAA	190.5	7.50	1.47	0.99	1650	371	LF
C0820K0750PTAA	190.5	7.50	1.47	0.99	1650	371	PT

Pin material: stainless steel

- Standard packaging: 3.048 m = 10 ft
- The weight specification is indicative
- Other materials on request

Related products

- Multi-Hub 820 Sprocket - Rims
- Multi-Hub 820 Idler - Rims
- Multi-Hub Inserts
- Solid Sprockets - Series 820
- Solid Idlers-Series 810

Options

- Plastic pin

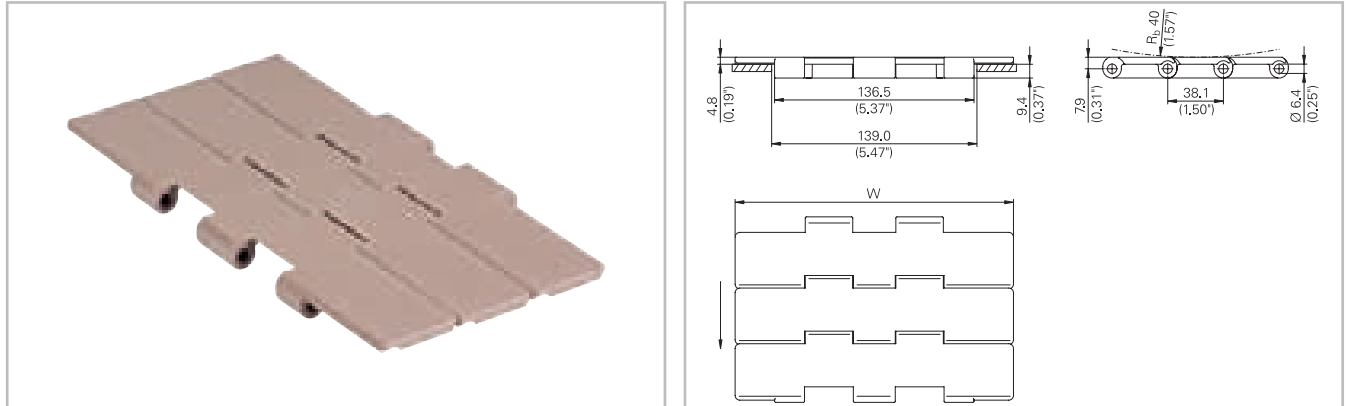
For further information and availability please contact your local Habsit partner.

HabaCHAIN®

Slat Top 821 (Straight)

Description

Slat Top 821 is a heavy duty straight running only plastic chain. Top plate thickness 4.8 mm. Applications include packaging and bottling lines. Use 821series for side transfer with 882 series radius chains.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C0821K0750DPAA	190.5	7.50	2.60	1.75	2850	641	DP
C0821K0750LFAA	190.5	7.50	2.60	1.75	2850	641	LF
C0821K0750PTAA	190.5	7.50	2.60	1.75	2850	641	PT
C0821K1000DPAA	254.0	10.00	3.10	2.08	2850	641	DP
C0821K1000LFAA	254.0	10.00	3.10	2.08	2850	641	LF
C0821K1000PTAA	254.0	10.00	3.10	2.08	2850	641	PT
C0821K1200DPAA	304.8	12.00	3.40	2.28	2850	641	DP
C0821K1200LFAA	304.8	12.00	3.40	2.28	2850	641	LF
C0821K1200PTAA	304.8	12.00	3.40	2.28	2850	641	PT

Pin material: stainless steel

- Standard packaging: 3.048 m = 10 ft
- The weight specification is indicative
- Other materials on request

Related products

- Multi-Hub 821 Sprocket - Rims
- Multi-Hub 881 Sprocket - Rims (2 set-up side-by-side)
- Multi-Hub Inserts
- Solid Sprockets - Series 821

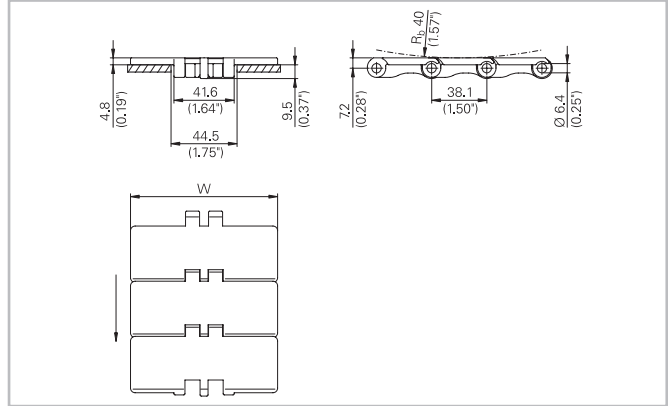
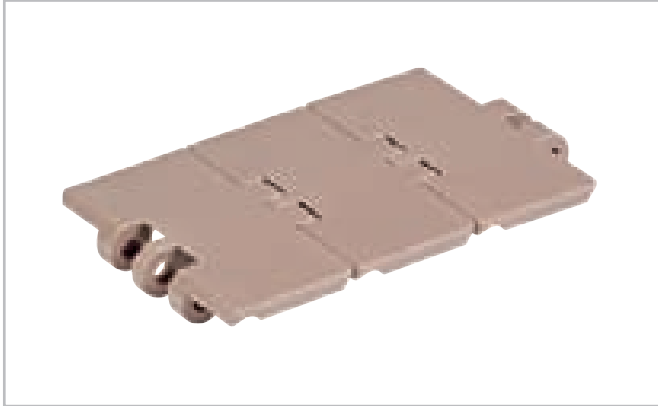
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Slat Top 831 (Straight)

Description

Slat Top 831 is a standard duty straight running only plastic chain. Top plate thickness 4.8 mm. Applications include packaging and bottling lines. Use 831 series for side transfer with 879 series radius chains.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C0831K0250DPAA	63.5	2.50	0.91	0.61	1650	371	DP
C0831K0250LFAA	63.5	2.50	0.91	0.61	1650	371	LF
C0831K0250PTAA	63.5	2.50	0.91	0.61	1650	371	PT
C0831K0325DPAA	82.6	3.25	1.00	0.67	1650	371	DP
C0831K0325LFAA	82.6	3.25	1.00	0.67	1650	371	LF
C0831K0325PTAA	82.6	3.25	1.00	0.67	1650	371	PT
C0831K0400DPAA	101.6	4.00	1.20	0.81	1650	371	DP
C0831K0400LFAA	101.6	4.00	1.20	0.81	1650	371	LF
C0831K0400PTAA	101.6	4.00	1.20	0.81	1650	371	PT
C0831K0450DPAA	114.3	4.50	1.30	0.87	1650	371	DP
C0831K0450LFAA	114.3	4.50	1.30	0.87	1650	371	LF
C0831K0450PTAA	114.3	4.50	1.30	0.87	1650	371	PT
C0831K0600DPAA	152.4	6.00	1.56	1.05	1650	371	DP
C0831K0600LFAA	152.4	6.00	1.56	1.05	1650	371	LF
C0831K0600PTAA	152.4	6.00	1.56	1.05	1650	371	PT
C0831K0750DPAA	190.5	7.50	1.82	1.22	1650	371	DP
C0831K0750LFAA	190.5	7.50	1.82	1.22	1650	371	LF
C0831K0750PTAA	190.5	7.50	1.82	1.22	1650	371	PT

Pin material: stainless steel

- Standard packaging: 3.048 m = 10 ft
- The weight specification is indicative
- Other materials on request

Related products

- Multi-Hub 820 Sprocket - Rims
- Multi-Hub 820 Idler - Rims
- Multi-Hub Inserts
- Solid Sprockets - Series 820
- Solid Idlers - Series 810

Options

- Plastic pin

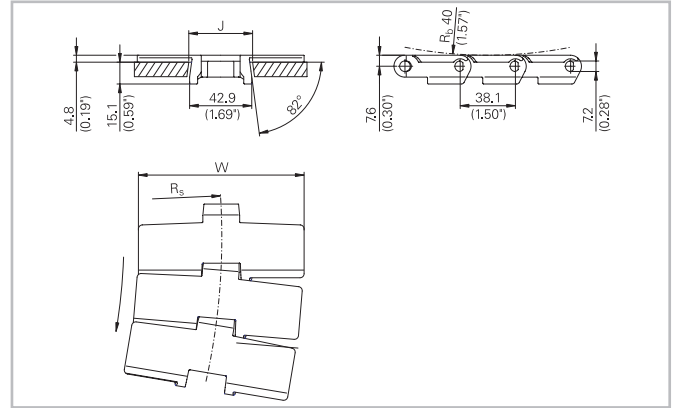
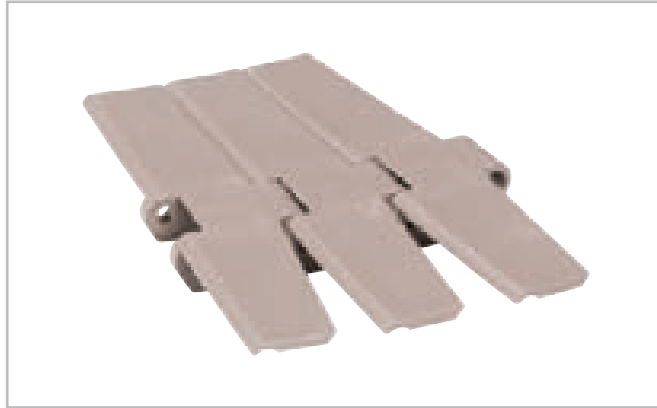
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Slat Top 879B (Radius)

Description

Slat Top 879B is a beveled standard duty radius and straight running plastic chain. Top plate thickness 4.8 mm. Applications include dairy, in which removal of chain from the track is critical for cleanability. Use 879B series for side transfer with 831 series straight chains.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		J (straight)		J (curve)		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	mm	inch	mm	inch	
C0879K0325DPBA	82.6	3.25	1.00	0.67	1900	428	44.5	1.75	41.3	1.62	457	18.0	DP
C0879K0325LFBA	82.6	3.25	1.00	0.67	1900	428	44.5	1.75	41.3	1.62	457	18.0	LF
C0879K0325PTBA	82.6	3.25	1.00	0.67	1900	428	44.5	1.75	41.3	1.62	457	18.0	PT
C0879K0450DPBA	114.3	4.50	1.25	0.84	1900	428	44.5	1.75	41.3	1.62	500	19.7	DP
C0879K0450LFBA	114.3	4.50	1.25	0.84	1900	428	44.5	1.75	41.3	1.62	500	19.7	LF
C0879K0450PTBA	114.3	4.50	1.25	0.84	1900	428	44.5	1.75	41.3	1.62	500	19.7	PT
C0879K0750DPBA	190.5	7.50	1.92	1.29	1900	428	44.5	1.75	41.3	1.62	610	24.0	DP
C0879K0750LFBA	190.5	7.50	1.92	1.29	1900	428	44.5	1.75	41.3	1.62	610	24.0	LF
C0879K0750PTBA	190.5	7.50	1.92	1.29	1900	428	44.5	1.75	41.3	1.62	610	24.0	PT

Pin material: stainless steel

- Standard packaging: 3.048 m = 10 ft
- The weight specification is indicative
- Other materials on request

Related products

- Multi-Hub 880 Sprocket-Rims
- Multi-Hub Inserts
- Solid Sprockets - Series 880
- Solid Idlers-Series 810

Options

- Plastic pin

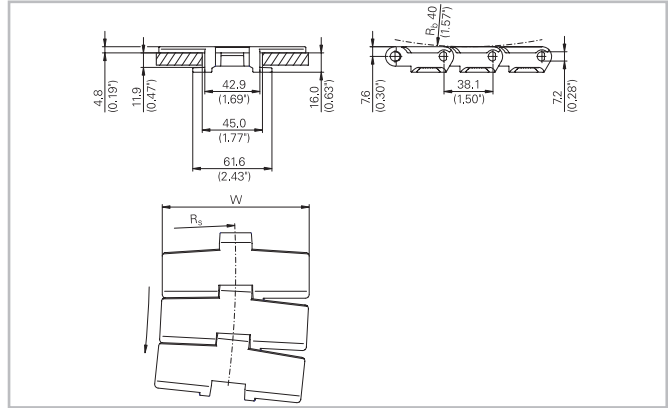
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Slat Top 879T (Radius)

Description

Slat Top 879T is a tabbed standard duty radius and straight running plastic chain. Top plate thickness 4.8 mm. Applications include general conveyance, packaging and empty container handling. Use 879T series for side transfer with 831 series straight chains.



Chain Data

Habsit code	Width W		Weight		Nominal tensile strength F_N		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	
C0879K0325DPTA	82.6	3.25	1.06	0.71	1900	428	457	18.0	DP
C0879K0325LFTA	82.6	3.25	1.06	0.71	1900	428	457	18.0	LF
C0879K0325PTTA	82.6	3.25	1.06	0.71	1900	428	457	18.0	PT
C0879K0450DPTA	114.3	4.50	1.30	0.87	1900	428	500	19.7	DP
C0879K0450LFTA	114.3	4.50	1.30	0.87	1900	428	500	19.7	LF
C0879K0450PTTA	114.3	4.50	1.30	0.87	1900	428	500	19.7	PT
C0879K0750DPTA	190.5	7.50	1.98	1.33	1900	428	610	24.0	DP
C0879K0750LFTA	190.5	7.50	1.98	1.33	1900	428	610	24.0	LF
C0879K0750PTTA	190.5	7.50	1.98	1.33	1900	428	610	24.0	PT

Pin material: stainless steel

- Standard packaging: 3.048 m = 10 ft
- The weight specification is indicative
- Other materials on request

Related products

- Multi-Hub 880 Sprocket-Rims
- Multi-Hub Inserts
- Solid Sprockets - Series 880

Options

- Plastic pin

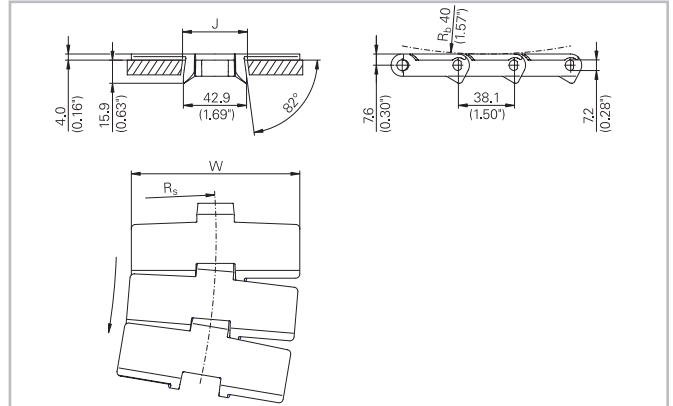
For further information and availability please contact your local Habsit partner.

HabaCHAIN®

Slat Top 880B (Radius)

Description

Slat Top 880B is a beveled standard duty radius and straight running plastic chain. Top plate thickness 4.0 mm. Applications include dairy, in which removal of the chain from the track is critical for cleanability. Use 880B series for side transfer with 820 series straight chains.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		J (straight)		J (curve)		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	mm	inch	mm	inch	
C0880K0325DPBA	82.6	3.25	0.89	0.60	1900	428	44.5	1.75	41.3	1.62	457	18.0	DP
C0880K0325LFBA	82.6	3.25	0.89	0.60	1900	428	44.5	1.75	41.3	1.62	457	18.0	LF
C0880K0325PTBA	82.6	3.25	0.89	0.60	1900	428	44.5	1.75	41.3	1.62	457	18.0	PT
C0880K0450DPBA	114.3	4.50	1.04	0.70	1900	428	44.5	1.75	41.3	1.62	500	19.7	DP
C0880K0450LFBA	114.3	4.50	1.04	0.70	1900	428	44.5	1.75	41.3	1.62	500	19.7	LF
C0880K0450PTBA	114.3	4.50	1.04	0.70	1900	428	44.5	1.75	41.3	1.62	500	19.7	PT
C0880K0750DPBA	190.5	7.50	1.40	0.94	1900	428	44.5	1.75	41.3	1.62	610	24.0	DP
C0880K0750LFBA	190.5	7.50	1.40	0.94	1900	428	44.5	1.75	41.3	1.62	610	24.0	LF
C0880K0750PTBA	190.5	7.50	1.40	0.94	1900	428	44.5	1.75	41.3	1.62	610	24.0	PT

Pin material: stainless steel

- Standard packaging: 3.048 m = 10 ft
- The weight specification is indicative
- Other materials on request

Related products

- Multi-Hub 880 Sprocket-Rim
- Multi-Hub Inserts
- Solid Sprockets - Series 880
- Solid Idlers-Series 810

Options

- Plastic pin

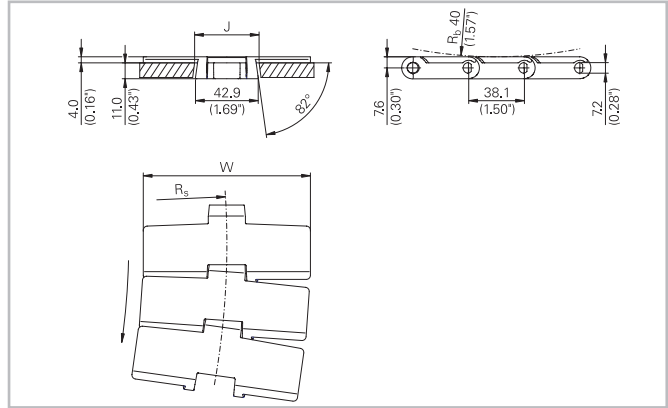
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Slat Top 880J (Radius)

Description

Slat Top 880J is a special beveled standard duty radius and straight running chain. Applications include dairy, in which removal of the chain from the track is crucial for cleanability. Use 880J series for side transfer with 820 series straight chains.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		J (straight)		J (curve)		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	mm	inch	mm	inch	
C0880K0325DPJA	82.6	3.25	0.89	0.60	1900	428	44.5	1.75	41.3	1.62	457	18.00	DP
C0880K0325LFJA	82.6	3.25	0.89	0.60	1900	428	44.5	1.75	41.3	1.62	457	18.00	LF
C0880K0325PTJA	82.6	3.25	0.89	0.60	1900	428	44.5	1.75	41.3	1.62	457	18.00	PT
C0880K0450DPJA	114.3	4.50	1.04	0.70	1900	428	44.5	1.75	41.3	1.62	500	19.70	DP
C0880K0450LFJA	114.3	4.50	1.04	0.70	1900	428	44.5	1.75	41.3	1.62	500	19.70	LF
C0880K0450PTJA	114.3	4.50	1.04	0.70	1900	428	44.5	1.75	41.3	1.62	500	19.70	PT

Pin material: stainless steel

- Standard packaging: 3.048 m = 10 ft
- The weight specification is indicative
- Other materials on request

Related products

- Multi-Hub 880 Sprocket-Rims
- Multi-Hub 820 Idler-Rims
- Multi-Hub Inserts
- Solid Sprockets - Series 880
- Solid Idler 810

Options

- Plastic pin

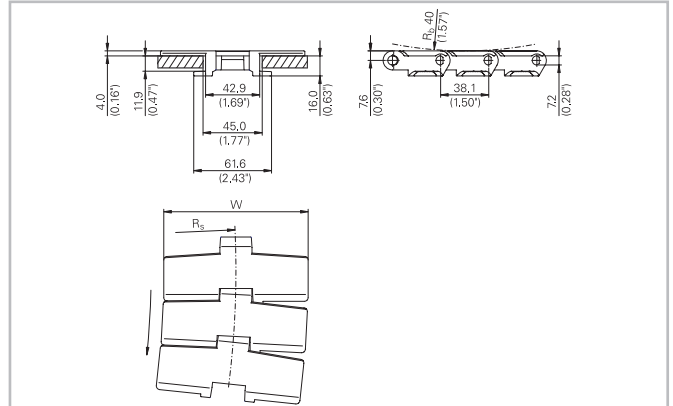
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Slat Top 880T (Radius)

Description

Slat Top 880T is a tabbed standard duty radius and straight running plastic chain. Top plate thickness 4.0 mm. Applications include general conveyance, packaging and empty container handling. Use 880T series for side transfer with 820 series straight chains.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	
C0880K0325DPTA	82.6	3.25	1.00	0.67	1900	428	457	18.0	DP
C0880K0325LFTA	82.6	3.25	1.00	0.67	1900	428	457	18.0	LF
C0880K0325PTTA	82.6	3.25	1.00	0.67	1900	428	457	18.0	PT
C0880K0450DPTA	114.3	4.50	1.10	0.74	1900	428	500	19.7	DP
C0880K0450LFTA	114.3	4.50	1.10	0.74	1900	428	500	19.7	LF
C0880K0450PTTA	114.3	4.50	1.10	0.74	1900	428	500	19.7	PT
C0880K0750DPTA	190.5	7.50	1.48	0.99	1900	428	610	24.0	DP
C0880K0750LFTA	190.5	7.50	1.48	0.99	1900	428	610	24.0	LF
C0880K0750PTTA	190.5	7.50	1.48	0.99	1900	428	610	24.0	PT

Pin material: stainless steel

- Standard packaging: 3.048 m = 10 ft
- The weight specification is indicative
- Other materials on request

Related products

- Multi-Hub 880 Sprocket-Rims
- Multi-Hub Inserts
- Solid Sprockets - Series 880

Options

- Plastic pin

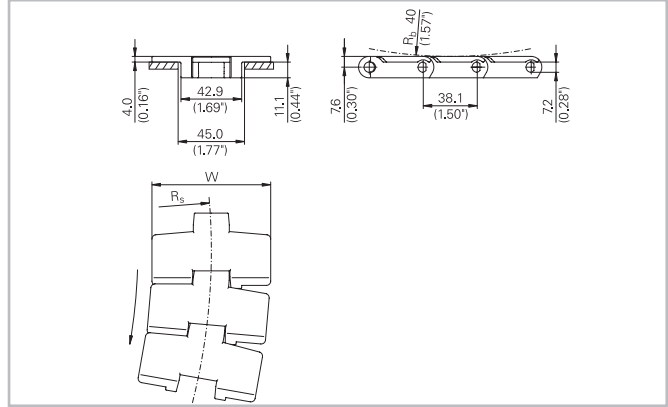
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Slat Top 880M (Radius)

Description

Slat Top 880M is a radius and straight running plastic chain without any hold down device. The chain will be hold down in the curve by a magnetic corner track, that will interact with the magnetic steel pin in the chain. Applications include industries where fast and easy removal of chain is crucial for cleanability. Use 880M series for side transfer with 820 series straight chain.



Chain Data

Habsit code	Width W		Weight		Nominal tensile strength F_N		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	
C0880M0330DPAA	83.8	3.30	0.89	0.60	1900	428	457	18.00	DP
C0880M0330LFAA	83.8	3.30	0.89	0.60	1900	428	457	18.00	LF
C0880M0330PTAA	83.8	3.30	0.89	0.60	1900	428	457	18.00	PT

Pin material: stainless steel

- Standard packaging: 3.048 m = 10 ft
- The weight specification is indicative
- Other materials on request

Related products

- Multi-Hub 880 Sprocket-Rims
- Multi-Hub 820 Idler-Rims
- Multi-Hub Inserts
- Solid Sprockets - Series 880
- Solid Idler 810

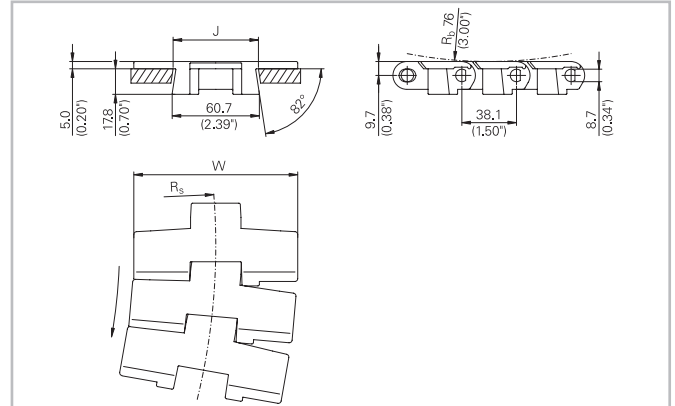
For further information and availability please contact your local Habsit partner.

HabaCHAIN®

Slat Top 882B (Radius)

Description

Slat Top 882B is a beveled heavy duty radius and straight running plastic chain. Top plate thickness 4.8 mm. Applications include dairy, in which removal of chain from the track is critical for cleanability. Use 882B series for side transfer with 821 series straight chains.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		J (straight)		J (curve)		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	mm	inch	mm	inch	
C0882K0450DPBA	114.3	4.50	1.79	1.20	2850	641	62	2.44	58	2.28	610	24.0	DP
C0882K0450LFBA	114.3	4.50	1.79	1.20	2850	641	62	2.44	58	2.28	610	24.0	LF
C0882K0450PTBA	114.3	4.50	1.79	1.20	2850	641	62	2.44	58	2.28	610	24.0	PT
C0882K0750DPBA	190.5	7.50	2.20	1.48	2850	641	62	2.44	58	2.28	610	24.0	DP
C0882K0750LFBA	190.5	7.50	2.20	1.48	2850	641	62	2.44	58	2.28	610	24.0	LF
C0882K0750PTBA	190.5	7.50	2.20	1.48	2850	641	62	2.44	58	2.28	610	24.0	PT
C0882K1000DPBA	254.0	10.00	2.52	1.69	2850	641	62	2.44	58	2.28	610	24.0	DP
C0882K1000LFBA	254.0	10.00	2.52	1.69	2850	641	62	2.44	58	2.28	610	24.0	LF
C0882K1000PTBA	254.0	10.00	2.52	1.69	2850	641	62	2.44	58	2.28	610	24.0	PT
C0882K1200DPBA	304.8	12.00	2.75	1.85	2850	641	62	2.44	58	2.28	610	24.0	DP
C0882K1200LFBA	304.8	12.00	2.75	1.85	2850	641	62	2.44	58	2.28	610	24.0	LF
C0882K1200PTBA	304.8	12.00	2.75	1.85	2850	641	62	2.44	58	2.28	610	24.0	PT

Pin material: stainless steel

- Standard packaging: 3.048 m = 10 ft
- The weight specification is indicative
- Other materials on request

Related products

- Multi-Hub 882 Sprocket-Rims
- Multi-Hub Inserts
- Solid Sprockets - Series 882

Options

- Plastic pin

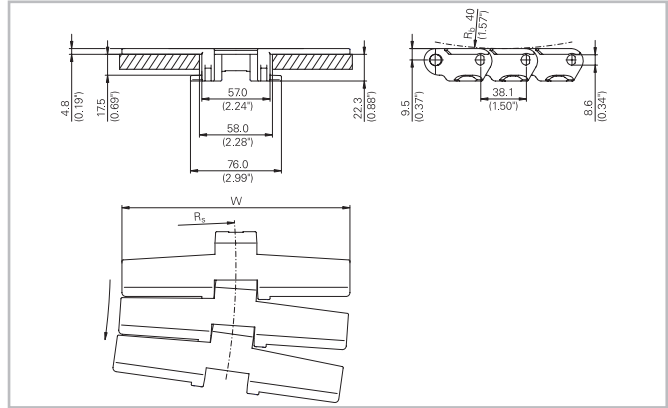
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Slat Top 882T (Radius)

Description

Slat Top 882T is a tabbed heavy duty radius and straight running plastic chain. Top plate thickness 4.8 mm. Applications include general conveyance, packaging and bottling. Use 882T series for side transfer with 821 series straight chains.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F _N		R _s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	
C0882K0450DPTA	114.3	4.50	1.92	1.29	2850	641	610	24.0	DP
C0882K0450LFTA	114.3	4.50	1.92	1.29	2850	641	610	24.0	LF
C0882K0450PTTA	114.3	4.50	1.92	1.29	2850	641	610	24.0	PT
C0882K0750DPTA	190.5	7.50	2.34	1.57	2850	641	610	24.0	DP
C0882K0750LFTA	190.5	7.50	2.34	1.57	2850	641	610	24.0	LF
C0882K0750PTTA	190.5	7.50	2.34	1.57	2850	641	610	24.0	PT
C0882K1000DPTA	254.0	10.00	2.66	1.79	2850	641	610	24.0	DP
C0882K1000LFTA	254.0	10.00	2.66	1.79	2850	641	610	24.0	LF
C0882K1000PTTA	254.0	10.00	2.66	1.79	2850	641	610	24.0	PT
C0882K1200DPTA	304.8	12.00	2.89	1.94	2850	641	610	24.0	DP
C0882K1200LFTA	304.8	12.00	2.89	1.94	2850	641	610	24.0	LF
C0882K1200PTTA	304.8	12.00	2.89	1.94	2850	641	610	24.0	PT
C0882K1500DPTA	381.0	15.00	3.07	2.06	2850	641	686	27.0	DP
C0882K1500LFTA	381.0	15.00	3.07	2.06	2850	641	686	27.0	LF
C0882K1500PTTA	381.0	15.00	3.07	2.06	2850	641	686	27.0	PT
C0882K1600DPTA	406.4	16.00	3.18	2.14	2850	641	686	27.0	DP
C0882K1600LFTA	406.4	16.00	3.18	2.14	2850	641	686	27.0	LF
C0882K1600PTTA	406.4	16.00	3.18	2.14	2850	641	686	27.0	PT

Pin material: stainless steel

- Standard packaging: 3.048 m = 10 ft
- The weight specification is indicative
- Other materials on request

Related products

- Multi-Hub 882 Sprocket-Rims
- Multi-Hub Inserts
- Solid Sprockets - Series 882

Options

- Plastic pin

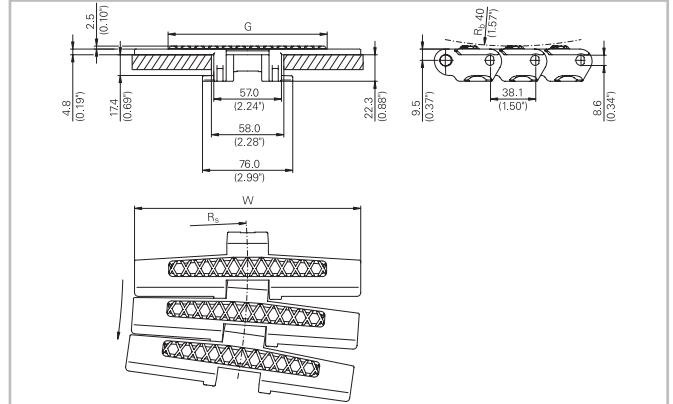
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Slat Top 882TG (Radius)

Description

882TG is a heavy duty GripTop radius and straight running chain. Applications include incline/decline applications in which higher friction is required.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	
C0882K0450LFTG	114.3	4.50	2.00	1.34	2850	641	610	24.00	LF
C0882K0750LFTG	190.5	7.50	2.40	1.61	2850	641	610	24.00	LF

Pin material: special stainless steel

- Standard packaging: 3.048 m = 10 ft with building pattern + 01, for special building pattern see Product Guide, page Nomenclature
- Weights are only indicative
- Other materials on request
- Photo shows building pattern + 01

Related products

- Multi-Hub 882 Sprocket-Rims
- Multi-Hub Inserts
- Solid Sprockets - Series 882

Options

- Plastic pins

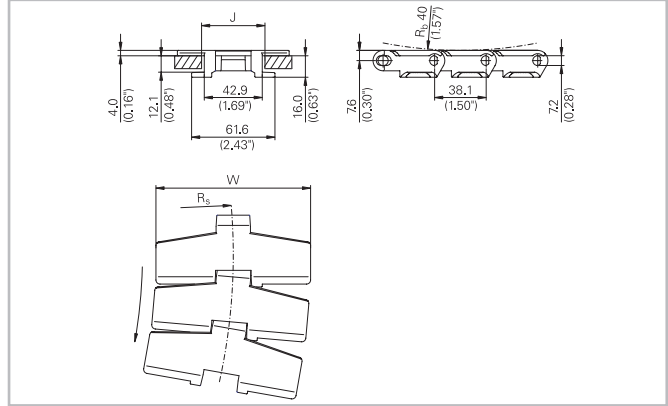
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Slat Top 890T (Radius)

Description

Slat Top 890T is a tabbed standard duty tight radius and straight running plastic chain. Top plate thickness 4.0 mm. Applications include general conveyance, packaging and empty container handling in which the layout requires a tight turn. Use 890T series for side transfer with 820 series straight chains.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		J (straight)		J (curve)		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	mm	inch	mm	inch	
C0890K0325LFTA	82.6	3.25	0.98	0.66	1900	428	46.0	1.81	44.5	1.75	200	7.9	LF
C0890K0450LFTA	114.3	4.50	1.10	0.74	1900	428	46.0	1.81	44.5	1.75	200	7.9	LF

Pin material: stainless steel

- Standard packaging: 3.048 m = 10 ft
- The weight specification is indicative
- Other materials on request

Related products

- Multi-Hub 880 Sprocket-Rims
- Multi-Hub Inserts
- Solid Sprockets - Series 880

Options

- Plastic pin

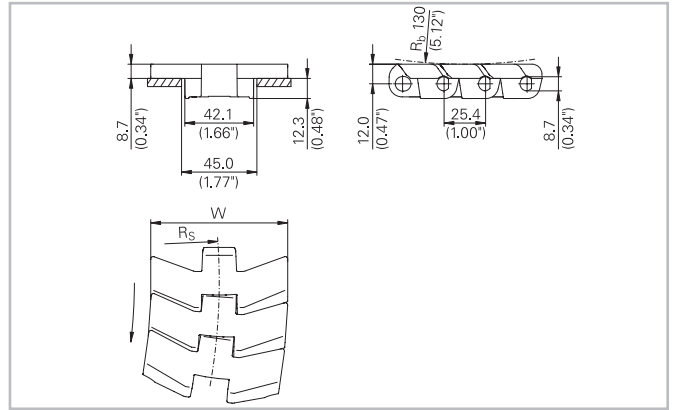
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Slat Top 1061M (Radius)

Description

Slat Top 1061M is a 1" pitch radius and straight running plastic chain in the width 3.3" (83.8 mm). Top plate thickness 8.7 mm. The chain will be held down in the curve by a magnetic corner track, that will interact with the magnetic steel pin in the chain. Use 1061M for side transfer with the modular belt types M2420 Flat Top 1" and M2470 Flat Top 1".



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	
C1061M0330LFAA	83.8	3.30	3.30	2.22	1650	371	500	19.7	LF
C1061M0330PTAA	83.8	3.30	3.30	2.22	1650	371	500	19.7	PT

Pin material: stainless steel

- Standard packaging: 3.048 m = 10 ft
- The weight specification is indicative
- Other materials on request

Related products

- Multi-Hub 1060 Sprocket-Rims
- Multi-Hub Inserts

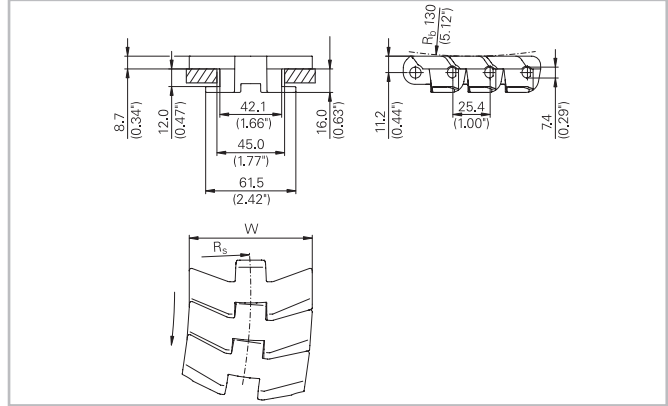
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Slat Top 1061T (Radius)

Description

Slat Top 1061T is a tabbed radius and straight running plastic chain. Top plate thickness 8.7 mm. Applications include bottling especially abrasive glass applications. Use 1061T chain for side transfer with the Modular Belt types M2420 Flat Top 1" or M2470 Flat Top 1".



Chain Data

Habasisit code	Width W		Weight		Nominal tensile strength F_N		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	
C1061K0330LFTA	83.8	3.30	3.60	2.42	1650	371	500	19.7	LF
C1061K0330PTTA	83.8	3.30	3.60	2.42	1650	371	500	19.7	PT
C1061K0330TSTA	83.8	3.30	3.60	2.42	1650	371	500	19.7	TS

Pin material: stainless steel

- Standard packaging: 3.048 m = 10 ft
- The weight specification is indicative
- Other materials on request

Related products

- Multi-Hub 1060 Sprocket-Rims
- Multi-Hub Inserts

For further information and availability please contact your local Habasisit partner.

HabaCHAIN®

Slat Top Plastic Accessories

Inserts




Inserts can be fitted into most Slat Top Plastic Chain types to increase the friction between product and chain. This is beneficial for incline or decline applications.

1. Serial inserts (e.g. 882TG, 7100G)

- Standard insert material is G
- 85 Shore A hardness
- Heavy duty insert

2. Custom inserts

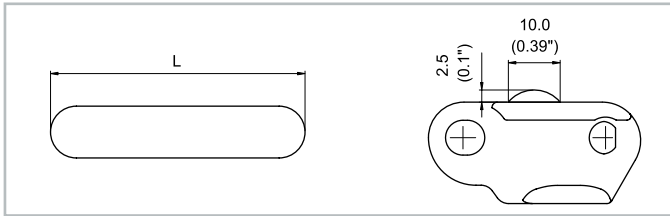
- Standard insert material PL (other materials like HY available)
- 85 Shore A hardness (other hardness grades available in other materials)
- Available as individual links or assembled into chain lengths (standard packaging: 3.048 m = 10 ft)
- For order code of special building pattern see page "Nomenclature"
- Custom insert dimensions are shown in the table below

Chain type		Chain width	Insert type	Insert width L	
				mm	inch
820 / 831		325	XA	60	2.36
		400		90	3.54
		450		105	4.13
		600		130	5.12
		750			
821		750	XA	130	5.12
		1000		200	7.87
		1200	XB	295	11.61
879 / 880		325	XA	60	2.36
882B / 882T		450		90	3.54
		750		130	5.12
		450	XA	90	3.54
		750		130	5.12
		1000		200	7.87
882T		1200	XB	295	11.61
		1500	XB	295	11.61
1600					

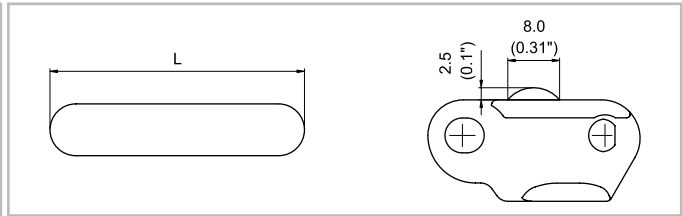
HabaCHAIN®

Slat Top Plastic Accessories

Type XA



Type XB



This is only a brief overview of our inserts. Many different insert designs are available. For further information and availability please contact your local Habasit partner.

Drilled holes

For special applications (e.g. vacuums) when holes in Slat Top Chains are needed, we offer HabaCHAIN® Slat Top Plastic Chains with custom-made drilled holes. The holes are drilled on a dedicated CNC machine according to the pattern specified by the customer. All types of hole shapes (not only round) can be machined. For further information and availability please contact your local Habasit partner.

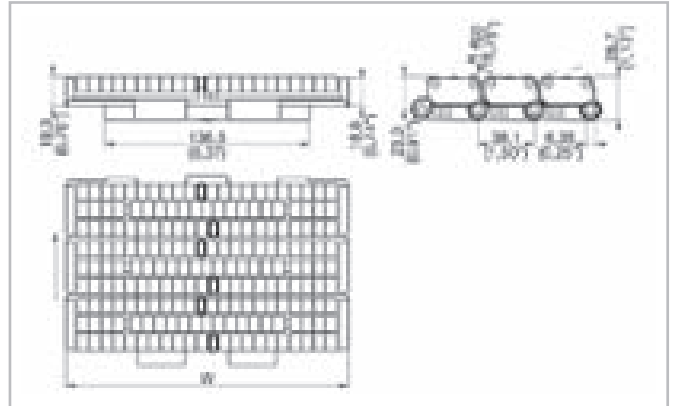


HabaCHAIN®

LBP 821 (Straight)

Description

LBP 821 is a heavy duty straight running only low-back-pressure plastic chain. Applications include packaging lines in the accumulation areas especially around the palletizers.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C0821K0750LFAR	190.5	7.50	4.20	2.82	2850	641	LF
C0821K0750PTAR	190.5	7.50	4.10	2.76	2850	641	PT
C0821K1000LFAR	254.0	10.00	5.50	3.70	2850	641	LF
C0821K1000PTAR	254.0	10.00	5.40	3.63	2850	641	PT
C0821K1200LFAR	304.8	12.00	6.50	4.37	2850	641	LF
C0821K1200PTAR	304.8	12.00	6.40	4.30	2850	641	PT

Pin material: stainless steel

- Standard packaging: **1.524 m = 5ft**
- The weight specification is indicative
- Roller materials: LF (dark gray) for chains with body material LF, H (blue) for chains with body material PT (H material for lower noise and higher wear resistance)
- Other materials on request

Related products

- Multi-Hub 821 Sprocket-Rims
- Multi-Hub Inserts
- Solid Sprockets - Series 821

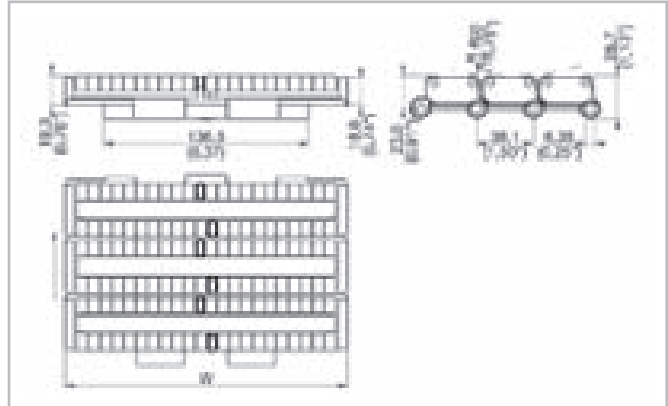
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

LBP 821 SB (Straight)

Description

LBP 821 SB is a heavy duty straight running only low-back-pressure plastic chain with sliding blocks. Applications include packaging lines with stable and wide products in the accumulation areas especially around the palletizers.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C0821K0750LFAS	190.5	7.50	3.60	2.42	2850	641	LF
C0821K1000LFAS	254.0	10.00	4.70	3.16	2850	641	LF
C0821K1200LFAS	304.8	12.00	5.50	3.70	2850	641	LF

Pin material: stainless steel

- Standard packaging: **1.524 m = 5ft**
- The weight specification is indicative
- Roller material: LF (dark gray)
- Other materials on request

Related products

- Multi-Hub 821 Sprocket-Rims
- Multi-Hub Inserts
- Solid Sprockets - Series 821

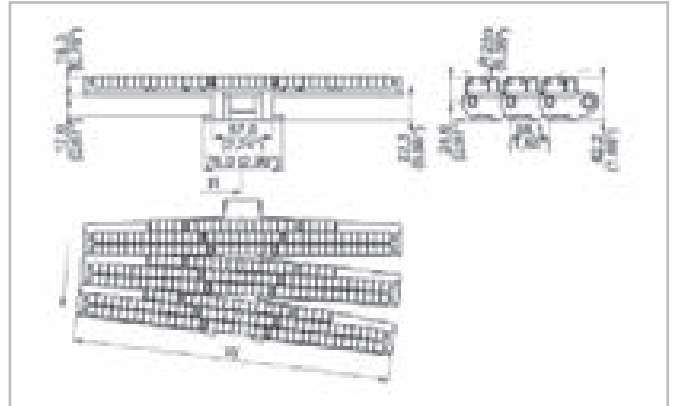
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

LBP 882T (Radius)

Description

LBP 882T is a tabbed heavy duty radius and straight running low-back-pressure plastic chain. Applications include packaging lines in the accumulation areas especially around the palletizers.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	
C0882K0750LFTR	190.5	7.50	4.40	2.96	2850	641	610	24.0	LF
C0882K0750PTTR	190.5	7.50	4.30	2.89	2850	641	610	24.0	PT
C0882K1000LFTR	254.0	10.00	5.30	3.56	2850	641	610	24.0	LF
C0882K1000PTTR	254.0	10.00	5.20	3.49	2850	641	610	24.0	PT
C0882K1200LFTR	304.8	12.00	6.00	4.03	2850	641	610	24.0	LF
C0882K1200PTTR	304.8	12.00	5.90	3.96	2850	641	610	24.0	PT

Pin material: stainless steel

- Standard packaging: **1.524 m = 5ft**
- The weight specification is indicative
- Roller materials: LF (dark gray) for chains with body material LF, H (blue) for chains with body material PT (H material for lower noise and higher wear resistance)
- Other materials on request

Related products

- Multi-Hub 882 Sprocket-Rims
- Multi-Hub Inserts
- Solid Sprockets - Series 882

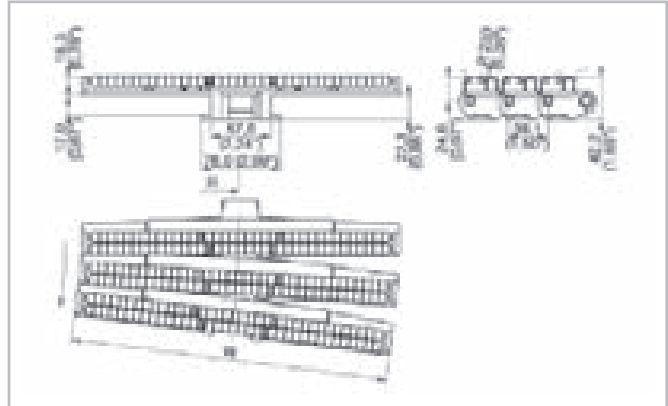
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

LBP 882T SB (Radius)

Description

LBP 882T SB is a tabbed heavy duty radius and straight running low-back-pressure plastic chain with sliding blocks. Applications include packaging lines with stable and wide products in the accumulation areas especially around the palletizers.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	
C0882K0750LFTS	190.5	7.50	3.90	2.62	2850	641	610	24.0	LF
C0882K1000LFTS	254.0	10.00	4.70	3.16	2850	641	610	24.0	LF
C0882K1200LFTS	304.8	12.00	5.40	3.63	2850	641	610	24.0	LF

Pin material: stainless steel

- Standard packaging: **1.524 m = 5ft**
- The weight specification is indicative
- Roller material: LF (dark gray)
- Other materials on request

Related products

- Multi-Hub 882 Sprocket-Rims
- Multi-Hub Inserts
- Solid Sprockets - Series 882

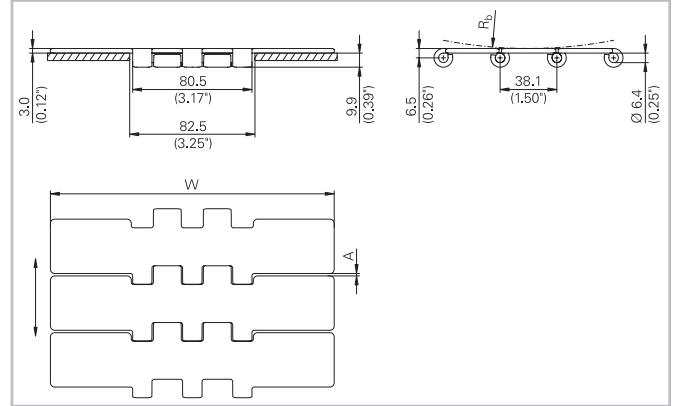
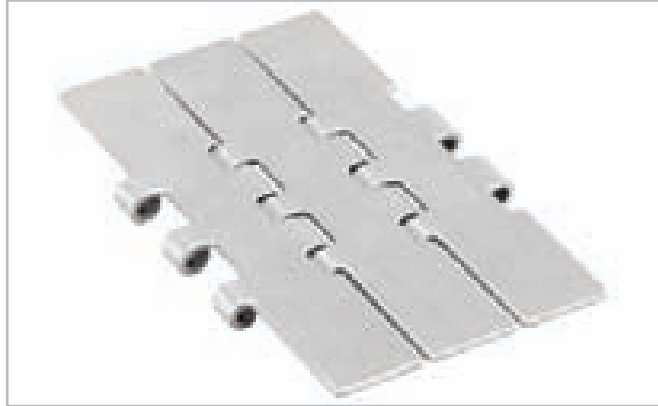
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Slat Top 800 (Straight)

Description

Slat Top 800 is a heavy duty 1.5" (38.1 mm) pitch straight running only double hinge steel chain. Applications include bakery, beverage and glass handling.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		R_b		Plate clearance A		Ra	Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	mm	inch	μm	
C0800K0750CSAA	190.5	7.50	5.80	3.90	11500	2588	150	5.90	1.6	0.06		CS
C0800K0750SSAA	190.5	7.50	5.80	3.90	7000	1575	150	5.90	1.6	0.06		SS
C0800K0750SHAA	190.5	7.50	5.80	3.90	9000	2025	150	5.90	1.6	0.06	<0.3	SH
C0800K0750SAAA	190.5	7.50	5.80	3.90	8000	1800	150	5.90	1.6	0.06	<0.5	SA

Pin material: case hardened carbon steel (for CS chain), stainless steel (for SS, SH and SA chain)

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Bakery bends available

Related products

- Multi-Hub 821 Sprocket-Rims
- Multi-Hub Inserts
- Solid Sprockets - Series 821

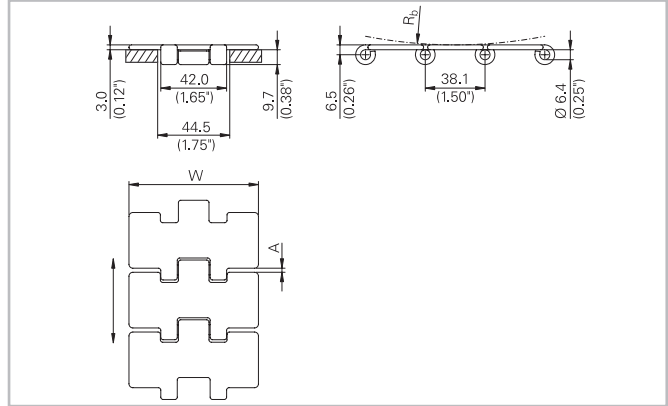
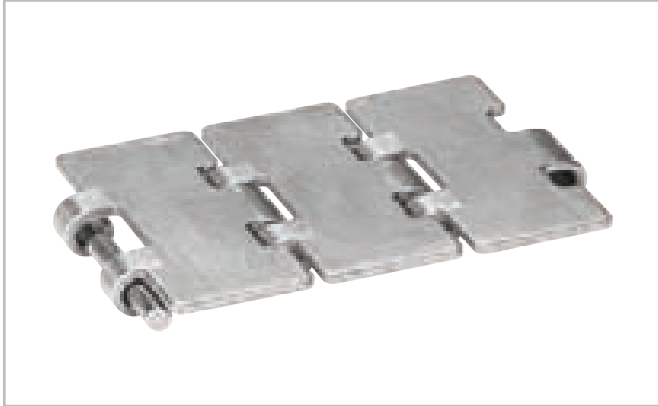
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Slat Top 810 (Straight)

Description

Slat Top 810 is a standard duty 1.5" (38.1 mm) pitch straight running only steel chain. Applications include bakery, beverage and glass handling.



Chain Data

Habisit code	Width W		Weight		Nominal tensile strength F_N		R_b		Plate clearance A		Ra	Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	mm	inch	μm	
C0810K0225CSAA	57.1	2.25	2.18	1.46	8500	1913	150	5.90	1.6	0.06		CS
C0810K0225SSAA	57.1	2.25	2.18	1.46	5000	1125	150	5.90	1.6	0.06	<0.3	SS
C0810K0225SHAA	57.1	2.25	2.18	1.46	6000	1350	150	5.90	1.6	0.06	<0.3	SH
C0810K0225SAAA	57.1	2.25	2.18	1.46	5500	1238	150	5.90	1.6	0.06	<0.5	SA
C0810K0325CSAA	82.6	3.25	2.65	1.78	8500	1913	150	5.90	1.6	0.06		CS
C0810K0325SSAA	82.6	3.25	2.65	1.78	5000	1125	150	5.90	1.6	0.06	<0.3	SS
C0810K0325SHAA	82.6	3.25	2.65	1.78	6000	1350	150	5.90	1.6	0.06	<0.3	SH
C0810K0325SAAA	82.6	3.25	2.65	1.78	5500	1238	150	5.90	1.6	0.06	<0.5	SA
C0810K0330SSAA	83.8	3.30	2.67	1.79	5000	1125	150	5.90	1.6	0.06		SS
C0810K0330SHAA	83.8	3.30	2.67	1.79	6000	1350	150	5.90	1.6	0.06	<0.3	SH
C0810K0400CSAA	101.6	4.00	3.00	2.02	8500	1913	150	5.90	1.6	0.06		CS
C0810K0400SSAA	101.6	4.00	3.00	2.02	5000	1125	150	5.90	1.6	0.06	<0.3	SS
C0810K0400SHAA	101.6	4.00	3.00	2.02	5000	1125	150	5.90	1.6	0.06	<0.3	SH
C0810K0400SAAA	101.6	4.00	3.00	2.02	5500	1238	150	5.90	1.6	0.06	<0.5	SA
C0810K0450CSAA	114.3	4.50	3.30	2.22	8500	1913	150	5.90	1.6	0.06		CS
C0810K0450SSAA	114.3	4.50	3.30	2.22	5000	1125	150	5.90	1.6	0.06	<0.3	SS
C0810K0450SHAA	114.3	4.50	3.30	2.22	6000	1350	150	5.90	1.6	0.06	<0.3	SH
C0810K0450SAAA	114.3	4.50	3.30	2.22	5500	1238	150	5.90	1.6	0.06	<0.5	SA
C0810K0600CSAA	152.4	6.00	4.20	2.82	8500	1913	150	5.90	1.6	0.06		CS
C0810K0600SSAA	152.4	6.00	4.20	2.82	5000	1125	150	5.90	1.6	0.06	<0.3	SS
C0810K0600SHAA	152.4	6.00	4.20	2.82	6000	1350	150	5.90	1.6	0.06	<0.3	SH
C0810K0600SAAA	152.4	6.00	4.20	2.82	5500	1238	150	5.90	1.6	0.06	<0.5	SA

Pin material: case hardened carbon steel (for CS chain), stainless steel (for SS, SH and SA chain)

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative

HabaCHAIN®

Slat Top 810 (Straight)

Related products

- Multi-Hub 820 Sprocket-Rims
- Multi-Hub 820 Idler-Rims
- Multi-Hub Inserts
- Solid sprockets - Series 810
- Solid sprockets - Series 820
- Solid Idler 810

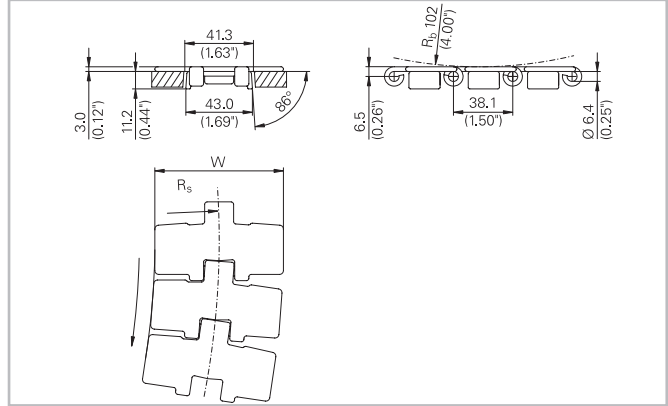
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Slat Top 881B (Radius)

Description

Slat Top 881B is a beveled standard duty 1.5" (38.1 mm) pitch radius and straight running steel chain. The enlarged top surface gives better product support compared to the 881 series chains. Applications include bakery, beverage and glass handling.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		R_s		Ra	Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	μm	
C0881K0325CSBA	82.6	3.25	2.90	1.95	8000	1800	457	18.0		CS
C0881K0325SHBA	82.6	3.25	2.90	1.95	5500	1237	457	18.0	<0.3	SH
C0881K0325SABA	82.6	3.25	2.90	1.95	5000	1125	457	18.0	<0.5	SA
C0881K0450CSBA	114.3	4.50	3.60	2.42	8000	1800	500	19.7		CS
C0881K0450SHBA	114.3	4.50	3.60	2.42	5500	1238	500	19.7	<0.3	SH
C0881K0450SABA	114.3	4.50	3.60	2.42	5000	1125	500	19.7	<0.5	SA
C0881K0750CSBA	190.5	7.50	5.30	3.56	8000	1800	500	19.7		CS
C0881K0750SHBA	190.5	7.50	5.30	3.56	5500	1238	500	19.7	<0.3	SH
C0881K0750SABA	190.5	7.50	5.30	3.56	5000	1125	500	19.7	<0.5	SA

Pin material: case hardened carbon steel (for CS chain), stainless steel (for SH and SA chain)

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Bakery bends available

Related products

- Multi-Hub 881 Sprocket-Rims
- Multi-Hub Inserts
- Solid sprockets - Series 881

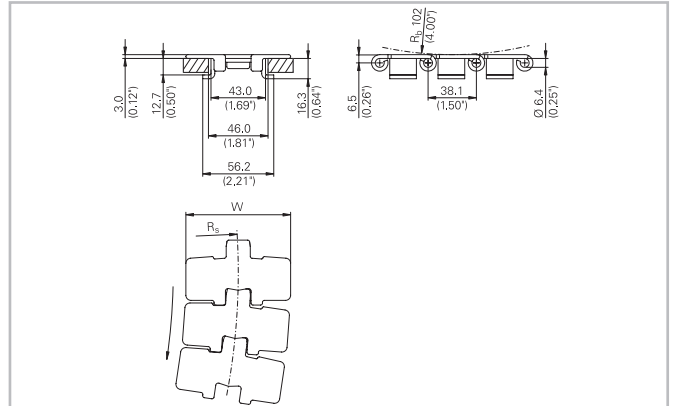
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Slat Top 881T (Radius)

Description

Slat Top 881T is a tabbed standard duty 1.5" (38.1 mm) pitch radius and straight running steel chain. Applications include bakery, beverage and glass handling.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		R_s		Ra	Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	μm	
C0881K0325CSTA	82.6	3.25	3.10	2.08	8000	1800	457	18.0		CS
C0881K0325SHTA	82.6	3.25	3.10	2.08	5500	1238	457	18.0	<0.3	SH
C0881K0325SATA	82.6	3.25	3.10	2.08	5000	1125	457	18.0	<0.5	SA
C0881K0450CSTA	114.3	4.50	3.80	2.55	8000	1800	500	19.7		CS
C0881K0450SHTA	114.3	4.50	3.80	2.55	5500	1238	500	19.7	<0.3	SH
C0881K0450SATA	114.3	4.50	3.80	2.55	5000	1125	500	19.7	<0.5	SA
C0881K0750CSTA	190.5	7.50	5.50	3.70	8000	1800	500	19.7		CS
C0881K0750SHTA	190.5	7.50	5.50	3.70	5500	1238	500	19.7	<0.3	SH
C0881K0750SATA	190.5	7.50	5.50	3.70	5000	1125	500	19.7	<0.5	SA

Pin material: case hardened carbon steel (for CS chain), stainless steel (for SH and SA chain)

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Bakery bends available

Related products

- Multi-Hub 881 Sprocket-Rims
- Multi-Hub Inserts
- Solid sprockets - Series 881

For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Slat Top Steel Accessories

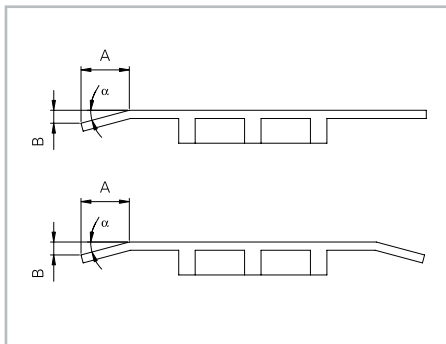
Description

So called "bakery bends" are bended Top Plates of Slat Top Steel Chains. Bakery bends are used in the bakery industry for products discharged from ovens. The bended edge ensures a smooth product transfer. Bakery bends are available for 810 and 881T chain type in CS and SA material as indicated in the table below. The Top Plate of the Slat Top Steel Chain is will be bended according to the dimensions in the drawing below.

Nomenclature:

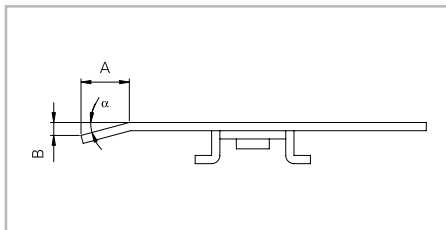
- One side bended in travel direction on the right side suffix: +R1
- One side bended in travel direction on the left side suffix: +L1
- Both sides bended suffix: +RL

Slat Top 810 (Straight)



Chain type	Extension	Bend angle α (°)	Chain width W		A		B	
			mm	inch	mm	inch	mm	inch
C0810K0450CSAA	+R1	18	114.3	4.5	19.1	0.75	6.4	0.25
	+L1	18	114.3	4.5	19.1	0.75	6.4	0.25
	+RL	18	114.3	4.5	19.1	0.75	6.4	0.25
C0810K0600CSAA	+R1	14	152.4	6	25.4	1	6.4	0.25
	+L1	14	152.4	6	25.4	1	6.4	0.25
	+RL	14	152.4	6	25.4	1	6.4	0.25
C0810K0750CSAA	+R1	14	190.5	7.5	25.4	1	6.4	0.25
	+L1	14	190.5	7.5	25.4	1	6.4	0.25
	+RL	14	190.5	7.5	25.4	1	6.4	0.25
C0810K0450SAAA	+R1	18	114.3	4.5	19.1	0.75	6.4	0.25
	+L1	18	114.3	4.5	19.1	0.75	6.4	0.25
	+RL	18	114.3	4.5	19.1	0.75	6.4	0.25
C0810K0600SAAA	+R1	14	152.4	6	25.4	1	6.4	0.25
	+L1	14	152.4	6	25.4	1	6.4	0.25
	+RL	14	152.4	6	25.4	1	6.4	0.25
C0810K0750SAAA	+R1	14	190.5	7.5	25.4	1	6.4	0.25
	+L1	14	190.5	7.5	25.4	1	6.4	0.25
	+RL	14	190.5	7.5	25.4	1	6.4	0.25

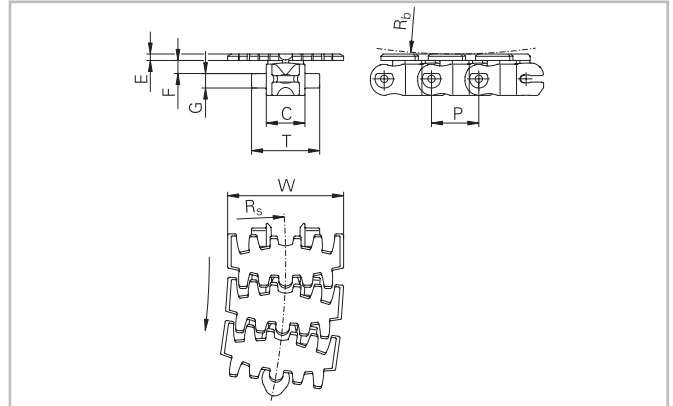
Slat Top 881T (Radius)



Chain type	Extension	Bend angle α (°)	Chain width W		A		B	
			mm	inch	mm	inch	mm	inch
C0881K0450CSTA	+R1	18	114.3	4.5	19.1	0.75	6.4	0.25
	+L1	18	114.3	4.5	19.1	0.75	6.4	0.25
	+RL	18	114.3	4.5	19.1	0.75	6.4	0.25
C0881K0750CSTA	+R1	14	190.5	7.5	25.4	1	6.4	0.25
	+L1	14	190.5	7.5	25.4	1	6.4	0.25
C0881K0450SATA	+R1	18	114.3	4.5	19.1	0.75	6.4	0.25
	+L1	18	114.3	4.5	19.1	0.75	6.4	0.25
	+RL	18	114.3	4.5	19.1	0.75	6.4	0.25
C0881K0750SATA	+R1	14	190.5	7.5	25.4	1	6.4	0.25
	+L1	14	190.5	7.5	25.4	1	6.4	0.25
	+RL	14	190.5	7.5	25.4	1	6.4	0.25

Description

Flexi 7100L is a lightweight radius and straight running plastic chain. Applications are in end-line on aluminum modular structure, including various packaging lines. The patented retaining system makes it easy to assemble and disassemble the chain with only a screwdriver. The low friction surface allows accumulation of products.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		C		E		F		G		R _b	
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
C7100L0248PTAA	63.0	2.48	0.63	0.42	100	23	21.1	0.83	3.5	0.14	7.2	0.28	7.9	0.31	70	2.76
C7100L0325PTAA	82.6	3.25	0.86	0.58	200	45	30.3	1.19	4.0	0.16	7.2	0.28	11.1	0.44	90	3.54

Habasit code	R _s		P		T		Material
	mm	inch	mm	inch	mm	inch	
C7100L0248PTAA	150	5.91	25.4	1.00	37.1	1.46	PT
C7100L0325PTAA	160	6.30	33.5	1.32	58.1	2.29	PT

Pin material: plastic

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Other materials on request

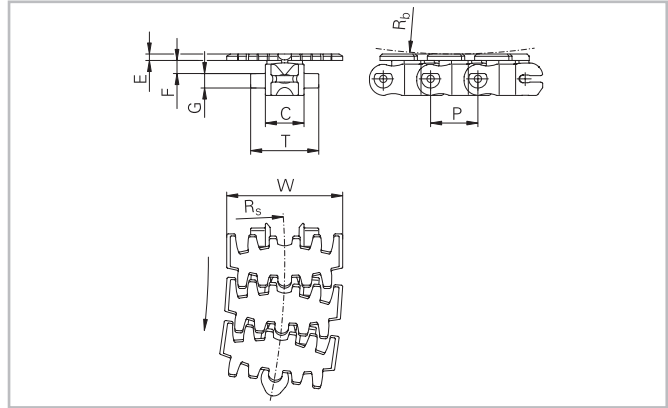
Related products

- Solid Sprockets-Series 7100
- Solid Idlers-Series 7100
- Connecting kit available to connect other brands of chains:
 - C7100K0248CK
 - C7100K0325CK
 - C7100K0405CK

For further information and availability please contact your local Habasit partner.

Description

Flexi 7100K is a standard duty radius and straight running plastic chain. Applications are in end-line on aluminum modular structure, including various packaging lines. The patented retaining system makes it easy to assemble and disassemble the chain with only a screwdriver. The low friction surface allows accumulation of products.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		C		E		F		G		R _b	
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
C7100K0248PTAA	63.0	2.48	0.63	0.42	500	113	21.1	0.83	3.5	0.14	7.2	0.28	7.9	0.31	70	2.76
C7100K0325PTAA	82.6	3.25	0.86	0.58	1250	281	30.3	1.19	4.0	0.16	7.2	0.28	11.1	0.44	90	3.54
C7100K0405PTAA	103.0	4.05	1.65	1.11	1250	281	44.3	1.74	4.5	0.18	6.7	0.26	12.5	0.49	100	3.94

Habasit code	R _s		P		T		Material
	mm	inch	mm	inch	mm	inch	
C7100K0248PTAA	150	5.91	25.4	1.00	37.1	1.46	PT
C7100K0325PTAA	160	6.30	33.5	1.32	58.1	2.29	PT
C7100K0405PTAA	170	6.69	35.5	1.40	79.1	3.11	PT

Pin material: stainless steel

- Standard packaging: 3.048 m = 10 ft
- The weight specification is indicative
- Other materials on request

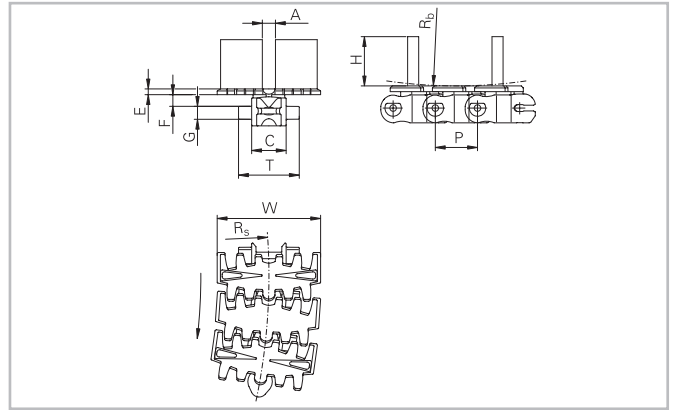
Related products

- Solid Sprockets-Series 7100
- Solid Idlers-Series 7100
- Connecting kit available to connect other brands of chains:
 - C7100K0248CK
 - C7100K0325CK
 - C7100K0405CK

For further information and availability please contact your local Habasit partner.

Description

Flexi 7100F is a standard duty radius and straight running plastic chain with flight. Applications are in end-line on aluminum modular structure, including various packaging lines. The patented retaining system makes it easy to assemble and disassemble the chain with only a screwdriver. The surface has flights to allow for incline applications.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		A		C		E		F		G	
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
C7100K0248PTAF	63.0	2.48	1.00	0.67	500	113	8.0	0.31	21.1	0.83	3.5	0.14	7.2	0.28	7.9	0.31
C7100K0325PTAF	82.6	3.25	1.56	1.05	1250	281	8.0	0.31	30.3	1.19	4.0	0.16	7.2	0.28	11.1	0.44
C7100K0405PTAF	103.0	4.05	2.40	1.61	1250	281	14.5	0.57	44.3	1.74	4.5	0.18	6.7	0.26	12.5	0.49

Habasit code	H		R_b		R_s		P		T		Material
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
C7100K0248PTAF	30.0	1.18	70	2.76	150	5.91	25.4	1.00	37.1	1.46	PT
C7100K0325PTAF	30.0	1.18	90	3.54	160	6.30	33.5	1.32	58.1	2.29	PT
C7100K0405PTAF	20.0	0.79	100	3.94	170	6.69	35.5	1.40	79.1	3.11	PT

Standard Pin material: stainless steel

- Standard packaging: 3.048 m = 10 ft with building pattern + 01, for special building pattern see Product Guide, page Nomenclature
- Photo shows building pattern + 02
- The weight specification is indicative
- Other materials on request

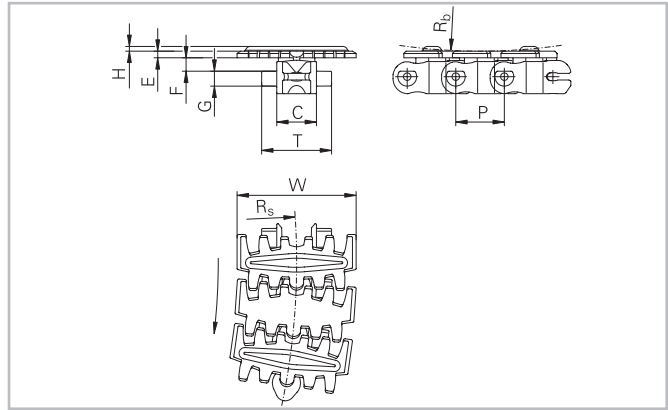
Related products

- Solid Sprockets-Series 7100
- Solid Idlers-Series 7100
- Connecting kit available to connect other brands of chains:
 - C7100K0248CK
 - C7100K0325CK
 - C7100K0405CK

For further information and availability please contact your local Habasit partner.

Description

Flexi 7100G is a standard duty radius and straight running plastic chain with GripTop. Applications are in end-line on aluminum modular structure, including various packaging lines. The patented retaining system makes it easy to assemble and disassemble the chain with only a screwdriver. The surface has GripTop inserts to allow for incline applications.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		C		E		F		G		H	
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
C7100K0248PTAG	63.0	2.48	0.75	0.50	500	113	21.1	0.83	3.5	0.14	7.2	0.28	7.9	0.31	2.2	0.87
C7100K0325PTAG	82.6	3.25	1.20	0.81	1250	281	30.3	1.19	4.0	0.16	7.2	0.28	11.1	0.44	2.2	0.87
C7100K0405PTAG	103.0	4.05	1.80	1.21	1250	281	44.3	1.74	4.5	0.18	6.7	0.26	12.5	0.49	2.2	0.87

Habasit code	R_b		R_s		P		T		Material
	mm	inch	mm	inch	mm	inch	mm	inch	
C7100K0248PTAG	70	2.76	150	5.91	25.4	1.00	37.1	1.46	PT
C7100K0325PTAG	90	3.54	160	6.30	33.5	1.32	58.1	2.29	PT
C7100K0405PTAG	100	3.94	170	6.69	35.5	1.40	79.1	3.11	PT

Pin material: stainless steel

- Standard packaging: 3.048 m = 10 ft with building pattern + 01, for special building pattern see Product Guide, page Nomenclature
- Photo shows building pattern + 02
- The weight specification is indicative
- Other materials on request
- GripTop material: G

Related products

- Solid Sprockets-Series 7100
- Solid Idlers-Series 7100
- Connecting kit available to connect other brands of chains:
 - C7100K0248CK
 - C7100K0325CK
 - C7100K0405CK

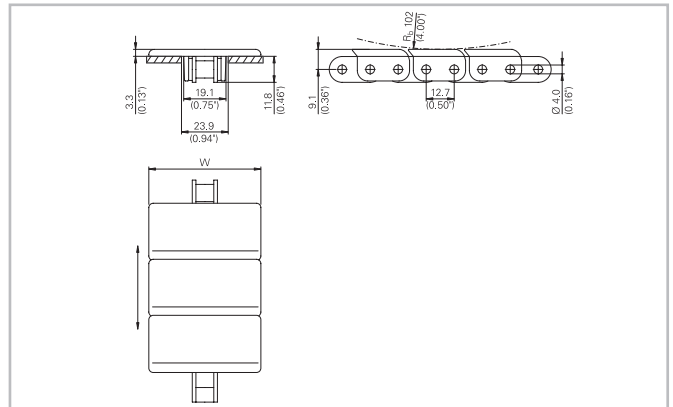
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Snap-on 843 (Straight)

Description

Snap-on 843 is a standard duty straight running only snap-on chain. It is a two piece system that has a metallic 1/2" pitch 843 roller chain with snap-on plastic top plates. Top plate thickness 3.2 mm. Applications include packaging and high load/speed applications.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F _N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C0843S0138DPAA	35.0	1.38	0.83	0.56	2500	563	DP
C0843S0138LFAA	35.0	1.38	0.83	0.56	2500	563	LF
C0843S0138PTAA	35.0	1.38	0.83	0.56	2500	563	PT
C0843S0144DPAA	36.6	1.44	0.83	0.56	2500	563	DP
C0843S0144LFAA	36.6	1.44	0.83	0.56	2500	563	LF
C0843S0144PTAA	36.6	1.44	0.83	0.56	2500	563	PT
C0843S0200DPAA	50.8	2.00	0.89	0.60	2500	563	DP
C0843S0200LFAA	50.8	2.00	0.89	0.60	2500	563	LF
C0843S0200PTAA	50.8	2.00	0.89	0.60	2500	563	PT
C0843S0325DPAA	82.6	3.25	10.30	6.92	2500	563	DP
C0843S0325LFAA	82.6	3.25	10.30	6.92	2500	563	LF
C0843S0325PTAA	82.6	3.25	10.30	6.92	2500	563	PT

Base chain:

- Standard material is CS
- Stainless steel (suffix + SS) on request: Max. workload 1800 N (400 lbf)
- Nomenclature for base chain only:
-C0843B0050CS
-C0843B0050SS
- Standard packaging: 3.048 m = 10ft (including one connecting link)
- The weight specification is indicative
- Other top plate material available on request
- Driven by standard #40 series roller chain sprockets

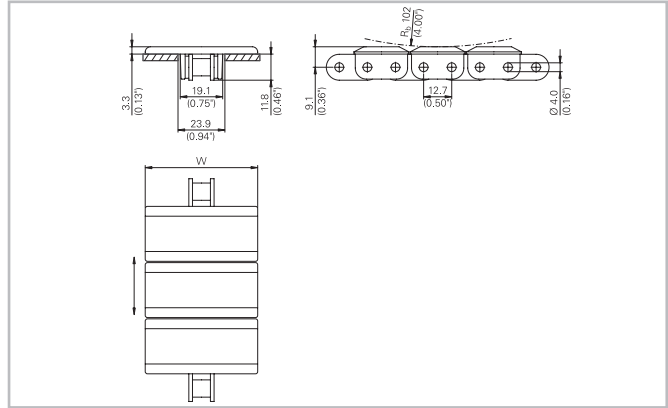
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Snap-on 843C (Straight)

Description

Snap-on 843C is a chamfered standard duty straight running only snap-on chain. It is a two piece system that has a metallic 1/2" pitch 843 roller chain with snap-on plastic top plates that are designed for bi-directional travel. Top plate thickness 3.2 mm. Applications include packaging and high load/speed applications.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C843CS0138DPAA	35.0	1.38	0.86	0.58	2500	563	DP
C843CS0138LFAA	35.0	1.38	0.86	0.58	2500	563	LF
C843CS0138PTAA	35.0	1.38	0.86	0.58	2500	563	PT
C843CS0200DPAA	50.8	2.00	0.92	0.62	2500	563	DP
C843CS0200LFAA	50.8	2.00	0.92	0.62	2500	563	LF
C843CS0200PTAA	50.8	2.00	0.92	0.62	2500	563	PT
C843CS0325DPAA	82.6	3.25	1.06	0.71	2500	563	DP
C843CS0325LFAA	82.6	3.25	1.06	0.71	2500	563	LF
C843CS0325PTAA	82.6	3.25	1.06	0.71	2500	563	PT

Base chain:

- Standard material is CS
- Stainless steel (suffix + SS) on request: Max. workload 1800 N (400 lbf)
- Nomenclature for base chain only:
-C0843B0050CS
-C0843B0050SS
- Standard packaging: 3.048 m = 10ft (including one connecting link)
- The weight specification is indicative
- Other top plate material available on request
- Driven by standard #40 series roller chain sprockets

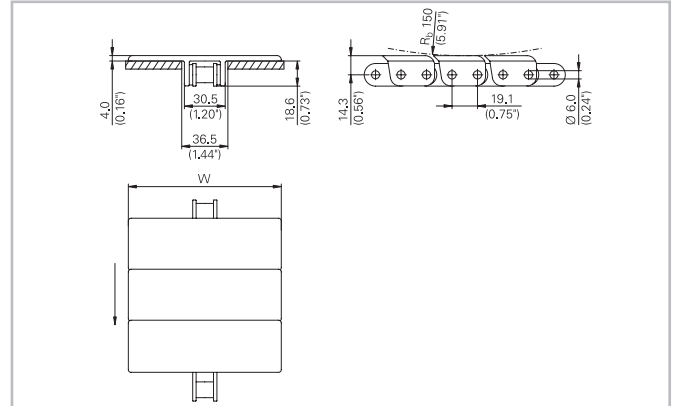
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Snap-on 863 (Straight)

Description

Snap-on 863 is a heavy duty straight running only snap-on chain. It is a two piece system that has a metallic 3/4" pitch 863 roller chain with snap-on plastic top plates. Top plate thickness 4.0 mm. Applications include packaging and high load/speed applications.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F _N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C0863S0325DPAA	82.6	3.25	2.10	1.41	5000	1125	DP
C0863S0325LFAA	82.6	3.25	2.10	1.41	5000	1125	LF
C0863S0450DPAA	114.3	4.50	2.30	1.55	5000	1125	DP
C0863S0450LFAA	114.3	4.50	2.30	1.55	5000	1125	LF
C0863S0600DPAA	152.4	6.00	2.53	1.70	5000	1125	DP
C0863S0600LFAA	152.4	6.00	2.53	1.70	5000	1125	LF
C0863S0750DPAA	190.5	7.50	2.68	1.80	5000	1125	DP
C0863S0750LFAA	190.5	7.50	2.68	1.80	5000	1125	LF

Base chain:

- Standard material is CS
- Stainless steel (suffix + SS) on request: Max. workload 3000 N (675 lbf)
- Nomenclature for base chain only:
-C0863B0075CS
-C0863B0075SS
- Standard packaging: 3.048 m = 10ft (including one connecting link)
- The weight specification is indicative
- Other top plate material available on request
- Driven by standard #60 series roller chain sprockets

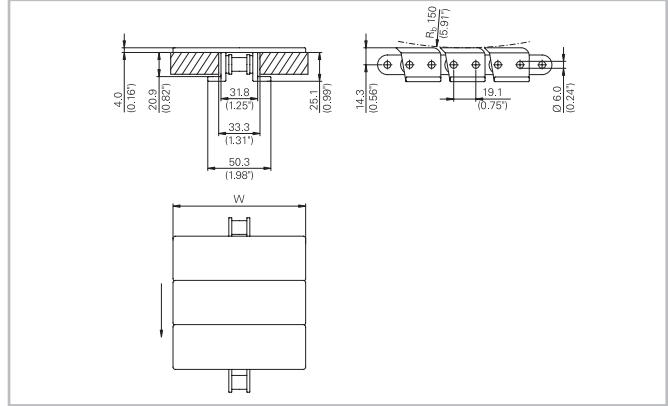
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Snap-on 863T (Straight)

Description

Snap-on 863T is a tabbed heavy duty straight running only snap-on chain. It is a two piece system that has a metallic 3/4" pitch 863 roller chain with snap-on plastic top plates. Applications include packaging and high load/speed applications.



Chain Data

Habisit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C0863S0250DPTA	63.5	2.50	2.10	1.41	5000	1125	DP
C0863S0250LFTA	63.5	2.50	2.10	1.41	5000	1125	LF
C0863S0325DPTA	82.6	3.25	2.10	1.41	5000	1125	DP
C0863S0325LFTA	82.6	3.25	2.10	1.41	5000	1125	LF
C0863S0450DPTA	114.3	4.50	2.30	1.55	5000	1125	DP
C0863S0450LFTA	114.3	4.50	2.30	1.55	5000	1125	LF
C0863S0600DPTA	152.4	6.00	2.53	1.70	5000	1125	DP
C0863S0600LFTA	152.4	6.00	2.53	1.70	5000	1125	LF
C0863S0750DPTA	190.5	7.50	2.68	1.80	5000	1125	DP
C0863S0750LFTA	190.5	7.50	2.68	1.80	5000	1125	LF
C0863S1000DPTA	254.0	10.00	2.68	1.80	5000	1125	DP
C0863S1000LFTA	254.0	10.00	2.68	1.80	5000	1125	LF

Base chain:

- Standard material is CS
- Stainless steel (suffix + SS) on request: Max. workload 3000 N (675 lbf)
- Nomenclature for base chain only:
-C0863B0075CS
-C0863B0075SS
- Standard packaging: 3.048 m = 10ft (including one connecting link)
- The weight specification is indicative
- Other top plate material available on request
- Driven by standard #60 series roller chain sprockets

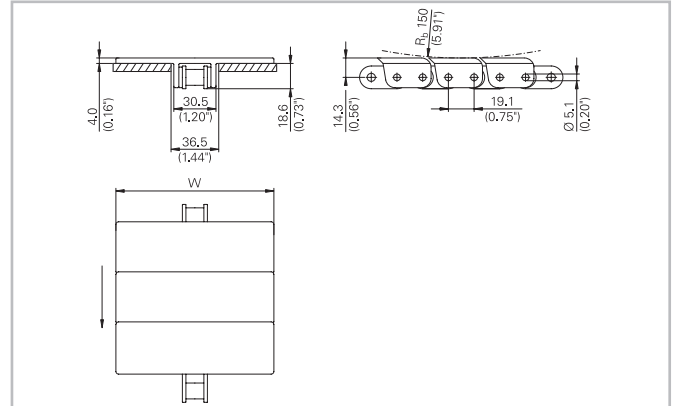
For further information and availability please contact your local Habisit partner.

HabaCHAIN®

Snap-on 963 (Straight)

Description

Snap-on 963 is a heavy duty straight running only snap-on chain. It is a two piece system that has a metallic 3/4" pitch 1873 roller chain with snap-on plastic top plates. Top plate thickness 4.0 mm. Applications include packaging and high load/speed applications.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C0963S0325DPAA	82.6	3.25	2.10	1.41	4000	900	DP
C0963S0325LFAA	82.6	3.25	2.10	1.41	4000	900	LF
C0963S0450DPAA	114.3	4.50	2.30	1.55	4000	900	DP
C0963S0450LFAA	114.3	4.50	2.30	1.55	4000	900	LF
C0963S0600DPAA	152.4	6.00	2.53	1.70	4000	900	DP
C0963S0600LFAA	152.4	6.00	2.53	1.70	4000	900	LF
C0963S0750DPAA	190.5	7.50	2.68	1.80	4000	900	DP
C0963S0750LFAA	190.5	7.50	2.68	1.80	4000	900	LF

Base chain:

- Standard material is CS
- Stainless steel (suffix + SS) on request: Max. workload 2000 N (450 lbf)
- Nomenclature for base chain only:
-C1873B0075CS
-C1873B0075SS
- Standard packaging: 3.048 m = 10ft (including one connecting link)
- The weight specification is indicative
- Other top plate material available on request
- Driven by standard #60 series roller chain sprockets

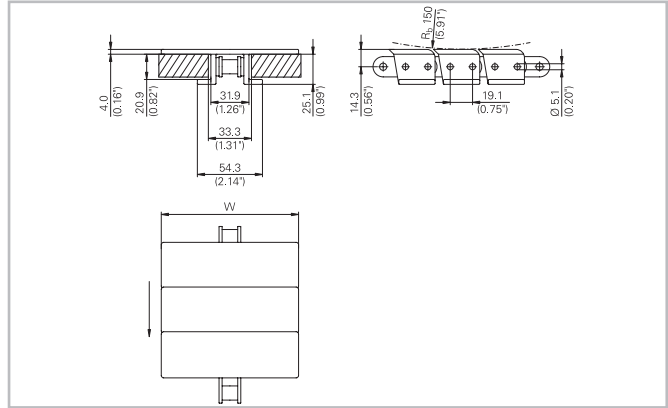
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Snap-on 963T (Straight)

Description

Snap-on 963T is a tabbed heavy duty straight running only snap-on chain. It is a two piece system that has a metallic 3/4" pitch 1873 roller chain with snap-on plastic top plates. Top plate thickness 4.0 mm. Applications include packaging and high load/speed applications.



Chain Data

Habisit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C0963S0250DPTA	63.5	2.50	2.10	1.41	4000	900	DP
C0963S0250LFTA	63.5	2.50	2.10	1.41	4000	900	LF
C0963S0325DPTA	82.6	3.25	2.19	1.47	4000	900	DP
C0963S0325LFTA	82.6	3.25	2.19	1.47	4000	900	LF
C0963S0450DPTA	114.3	4.50	2.37	1.59	4000	900	DP
C0963S0450LFTA	114.3	4.50	2.37	1.59	4000	900	LF
C0963S0600DPTA	152.4	6.00	2.41	1.62	4000	900	DP
C0963S0600LFTA	152.4	6.00	2.41	1.62	4000	900	LF
C0963S0750DPTA	190.5	7.50	2.75	1.85	4000	900	DP
C0963S0750LFTA	190.5	7.50	2.75	1.85	4000	900	LF
C0963S1000DPTA	254.0	10.00	3.17	2.13	4000	900	DP
C0963S1000LFTA	254.0	10.00	3.17	2.13	4000	900	LF

Base chain:

- Standard material is CS
- Stainless steel (suffix + SS) on request: Max. workload 2000 N (450 lbf)
- Nomenclature for base chain only:
-C1873B0075CS
-C1873B0075SS
- Standard packaging: 3.048 m = 10ft (including one connecting link)
- The weight specification is indicative
- Other top plate material available on request
- Driven by standard #60 series roller chain sprockets

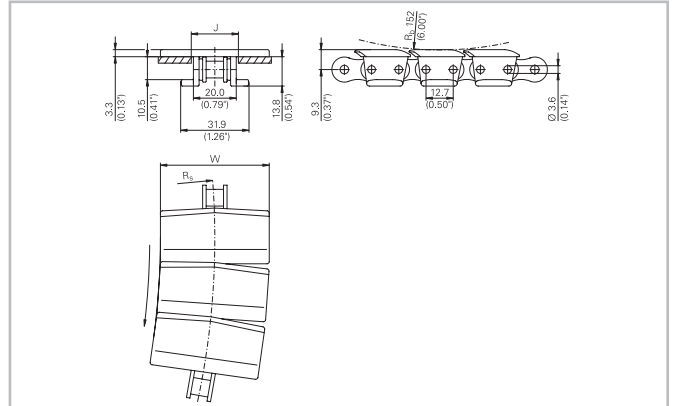
For further information and availability please contact your local Habisit partner.

HabaCHAIN®

Snap-on 1843T (Radius)

Description

Snap-on 1843T is a tabbed standard duty radius and straight running snap-on chain. It is a two piece system that has a metallic 1/2" pitch 1843 roller chain with snap-on plastic top plates. Top plate thickness 3.2 mm. Applications include packaging and high load/speed applications.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		J (straight)		J (curve)		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	mm	inch	mm	inch	
C1843S0125DPTA	31.7	1.25	0.83	0.56	2500	563	22.4	0.88	21.3	0.84	315	12.4	DP
C1843S0125LFTA	31.7	1.25	0.83	0.56	2500	563	22.4	0.88	21.3	0.84	315	12.4	LF
C1843S0125PTTA	32.7	1.29	0.83	0.56	2500	563	22.4	0.88	21.3	0.84	315	12.4	PT
C1843S0150DPTA	38.1	1.50	0.85	0.57	2500	563	22.4	0.88	21.3	0.84	315	12.4	DP
C1843S0150LFTA	38.1	1.50	0.85	0.57	2500	563	22.4	0.88	21.3	0.84	315	12.4	LF
C1843S0150PTTA	39.1	1.54	0.85	0.57	2500	563	22.4	0.88	21.3	0.84	315	12.4	PT
C1843S0200DPTA	50.8	2.00	0.90	0.60	2500	563	22.4	0.88	21.3	0.84	315	12.4	DP
C1843S0200LFTA	50.8	2.00	0.90	0.60	2500	563	22.4	0.88	21.3	0.84	315	12.4	LF
C1843S0200PTTA	51.8	2.04	0.90	0.60	2500	563	22.4	0.88	21.3	0.84	315	12.4	PT
C1843S0325DPTA	82.6	3.25	1.02	0.69	2500	563	22.4	0.88	21.3	0.84	315	12.4	DP
C1843S0325LFTA	82.6	3.25	1.02	0.69	2500	563	22.4	0.88	21.3	0.84	315	12.4	LF
C1843S0325PTTA	83.6	3.29	1.02	0.69	2500	563	22.4	0.88	21.3	0.84	315	12.4	PT

Base chain:

- Standard material is CS
- Stainless steel (suffix + SS) on request: Max. workload 1800 N (400 lbf)
- Nomenclature for base chain only:
-C1843B0050CS
-C1843B0050SS
- Standard packaging: 3.048 m = 10ft (including one connecting link)
- The weight specification is indicative
- Other top plate material available on request
- Driven by standard #40 series roller chain sprockets

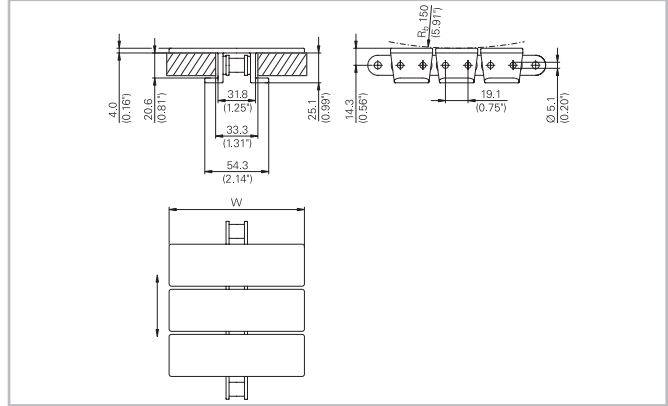
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Snap-on 1873T+T (Straight)

Description

Snap-on 1873T+T is a tabbed heavy duty straight running only snap-on chain. It is a two piece system that has a metallic 3/4" pitch 1873 roller chain with snap-on plastic top plates designed for bi-directional travel. Top plate thickness 4.0 mm. Applications include packaging and high load/speed applications.



Chain Data

Habsit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C1873S0325DPTA+T	82.6	3.25	2.14	1.44	4000	900	DP
C1873S0325LFTA+T	82.6	3.25	2.14	1.44	4000	900	LF
C1873S0450DPTA+T	114.3	4.50	2.32	1.56	4000	900	DP
C1873S0450LFTA+T	114.3	4.50	2.32	1.56	4000	900	LF
C1873S0600DPTA+T	152.4	6.00	2.53	1.70	4000	900	DP
C1873S0600LFTA+T	152.4	6.00	2.53	1.70	4000	900	LF
C1873S0750DPTA+T	190.5	7.50	2.74	1.84	4000	900	DP
C1873S0750LFTA+T	190.5	7.50	2.74	1.84	4000	900	LF

Base chain:

- Standard material is CS
- Stainless steel (suffix + SS) on request: Max. workload 2000 N (450 lbf)
- Nomenclature for base chain only:
-C1873B0075CS
-C1873B0075SS
- Standard packaging: 3.048 m = 10ft (including one connecting link)
- The weight specification is indicative
- Other top plate material available on request
- Driven by standard #60 series roller chain sprockets

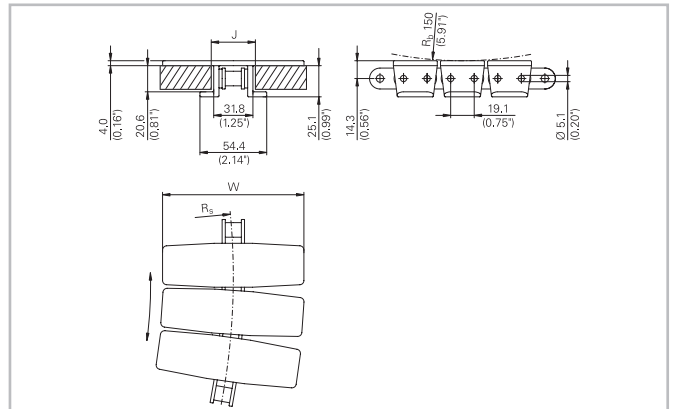
For further information and availability please contact your local Habsit partner.

HabaCHAIN®

Snap-on 1873T (Radius)

Description

Snap-on 1873T is a tabbed heavy duty radius and straight running snap-on chain. It is a two piece system that has a metallic 3/4" pitch 1873 roller chain with snap-on plastic top plates designed for bi-directional travel. Top plate thickness 7.0 mm. Applications include cafeterias, printing, newspapers, high load/speed applications.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		J (straight)		J (curve)		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	mm	inch	mm	inch	
C1873S0225DPTA	57.2	2.25	1.97	1.32	4000	900	33.3	1.31	35.1	1.38	356	14.0	DP
C1873S0225LFTA	57.2	2.25	1.97	1.32	4000	900	33.3	1.31	35.1	1.38	356	14.0	LF
C1873S0250DPTA	63.5	2.50	2.00	1.34	4000	900	33.3	1.31	35.1	1.38	356	14.0	DP
C1873S0250LFTA	63.5	2.50	2.00	1.34	4000	900	33.3	1.31	35.1	1.38	356	14.0	LF
C1873S0325DPTA	82.6	3.25	2.10	1.41	4000	900	33.3	1.31	35.1	1.38	356	14.0	DP
C1873S0325LFTA	82.6	3.25	2.10	1.41	4000	900	33.3	1.31	35.1	1.38	356	14.0	LF
C1873S0450DPTA	114.3	4.50	2.26	1.52	4000	900	33.3	1.31	35.1	1.38	356	14.0	DP
C1873S0450LFTA	114.3	4.50	2.26	1.52	4000	900	33.3	1.31	35.1	1.38	356	14.0	LF
C1873S0600DPTA	152.4	6.00	2.41	1.62	4000	900	33.3	1.31	35.1	1.38	457	18.0	DP
C1873S0600LFTA	152.4	6.00	2.41	1.62	4000	900	33.3	1.31	35.1	1.38	457	18.0	LF
C1873S0750DPTA	190.5	7.50	2.56	1.72	4000	900	33.3	1.31	35.1	1.38	457	18.0	DP
C1873S0750LFTA	190.5	7.50	2.56	1.72	4000	900	33.3	1.31	35.1	1.38	457	18.0	LF
C1873S1000DPTA	254.0	10.00	2.78	1.87	4000	900	33.3	1.31	35.1	1.38	457	18.0	DP
C1873S1000LFTA	254.0	10.00	2.78	1.87	4000	900	33.3	1.31	35.1	1.38	457	18.0	LF
C1873S1200DPTA	304.8	12.00	3.01	2.02	4000	900	33.3	1.31	35.1	1.38	457	18.0	DP
C1873S1200LFTA	304.8	12.00	3.01	2.02	4000	900	33.3	1.31	35.1	1.38	457	18.0	LF

Base chain:

- Standard material is CS
- Stainless steel (suffix + SS) on request: Max. workload 2000 N (450 lbf)
- Nomenclature for base chain only:
-C1873B0075CS
-C1873B0075SS
- Standard packaging: 3.048 m = 10ft (including one connecting link)
- The weight specification is indicative
- Other top plate material available on request
- Driven by standard #60 series roller chain sprockets

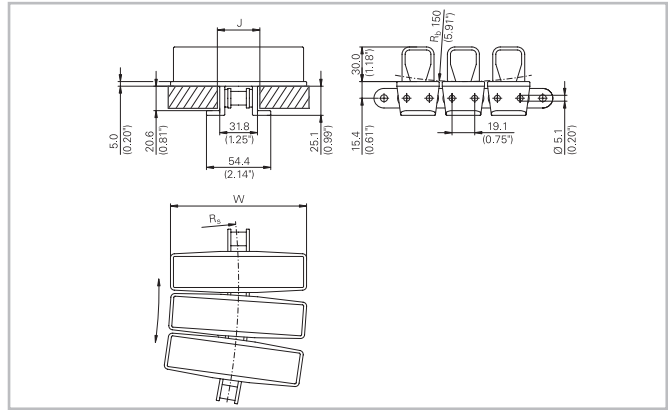
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Snap-on 1873+D1 (Radius)

Description

Snap-on 1873T+D1 is a tabbed heavy duty radius and straight running D style gripper snap-on chain. It is a two piece system that has a metallic 3/4" pitch 1873 roller chain with snap-on plastic top plates with a gripper designed for bi-directional travel. Top plate thickness 4.0 mm. Applications include rinsers, elevators and lowerators.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		J (straight)		J (curve)		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	mm	inch	mm	inch	
C1873S0375LFTG+D1	95.3	3.75	2.90	1.95	4000	900	33.3	1.31	35.1	1.38	356	14.0	LF

Base chain:

- Standard material is CS
- Stainless steel (suffix + SS) on request: Max. workload 2000 N (450 lbf)
- Nomenclature for base chain only:
-C1873B0075CS
-C1873B0075SS
- Standard packaging: 3.048 m = 10ft (including one connecting link)
- The weight specification is indicative
- Driven by standard #60 series roller chain sprockets
- Only available in 73 Shore A hardness
- Standard material for gripper is PL black
- White color is available on request

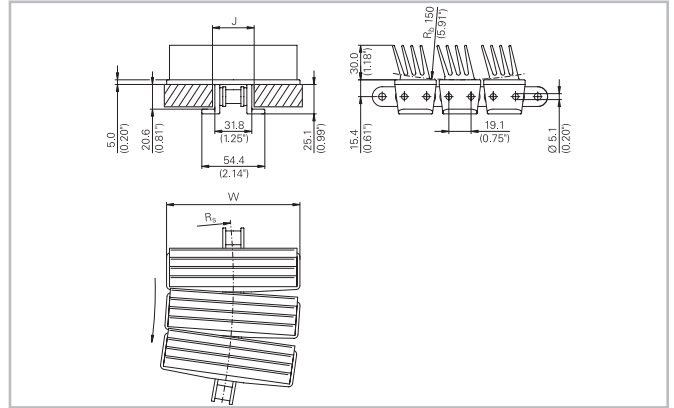
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Snap-on 1873+L4 (Radius)

Description

Snap-on 1873T+L4 tabbed is a heavy duty radius and straight running 4 finger style gripper snap-on chain. It is a two piece system that has a metallic 3/4" pitch 1873 roller chain with snap-on plastic top plates with a gripper. Top plate thickness 4.0 mm. Applications include rinsers, elevators and lowerators.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		J (straight)		J (curve)		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	mm	inch	mm	inch	
C1873S0375LFTG+L4	95.3	3.75	2.80	1.88	4000	900	33.3	1.31	35.1	1.38	356	14.0	LF

Base chain:

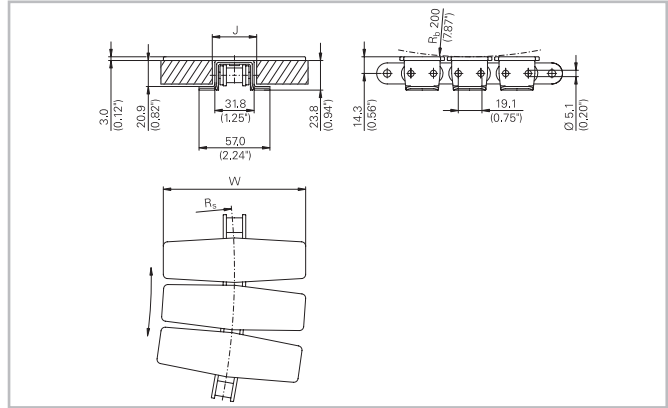
- Standard material is CS
- Stainless steel (suffix + SS) on request: Max. workload 2000 N (450 lbf)
- Nomenclature for base chain only:
 - C1873B0075CS
 - C1873B0075SS
- Standard packaging: 3.048 m = 10ft (including one connecting link)
- The weight specification is indicative
- Driven by standard #60 series roller chain sprockets
- Only available in 73 Shore A hardness
- Standard material for gripper is PL white
- Black color is available on request

For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Snap-on 1874T (Radius)

Snap-on 1874T is a tabbed heavy duty radius and straight running snap-on chain with steel top plates. It is a two piece system that has a steel 3/4" pitch 1874 roller chain with snap-on steel top plates designed for bi-directional travel. Top plate thickness 3.0 mm. For applications where high temperatures or abrasive materials are involved.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		J (straight)		J (curve)		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	mm	inch	mm	inch	
C1874S0325CSTA	62.6	3.25	4.20	2.82	4000	900	34.1	1.34	34.6	1.36	356	14	CS
C1874S0450CSTA	114.3	4.50	4.80	3.25	4000	900	34.1	1.34	34.6	1.36	356	14	CS
C1874S0600CSTA	152.4	6.00	5.70	3.83	4000	900	34.1	1.34	34.6	1.36	457	16	CS
C1874S0750CSTA	190.5	7.50	6.40	4.30	4000	900	34.1	1.34	34.6	1.36	610	24	CS

Base chain:

- Standard material is CS
- Nomenclature for base chain only:
-C1873B0075CS
- Standard packaging: 3.048 m = 10ft (including one connecting link)
- The weight specification is indicative
- Driven by standard #60 series roller chain sprockets

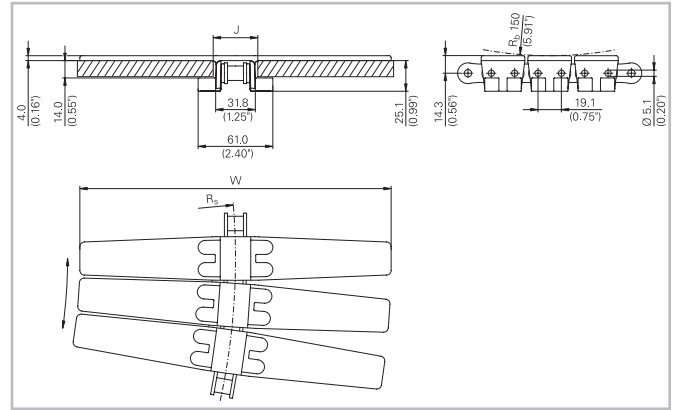
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Snap-on 2873SD (Radius)

Description

Snap-on 2873SD is a tabbed heavy duty radius and straight running side drive snap-on chain. It is a two piece system that has a metallic 3/4" pitch 1873 roller chain with snap-on plastic top plates that can be driven from the side designed for bi-directional travel. Top plate thickness 4.0 mm. Applications include long conveyor runs, found in institution/cafeteria dishwashing lines.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		J (straight)		J (curve)		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	mm	inch	mm	inch	
C2873S1000DPTA	254.0	10.00	3.47	2.33	4000	900	33.3	1.31	35.1	1.38	457	18.0	DP
C2873S1000LFTA	254.0	10.00	3.47	2.33	4000	900	33.3	1.31	35.1	1.38	457	18.0	LF

Base chain:

- Standard material is CS
- Stainless steel (suffix + SS) on request: Max. workload 2000 N (450 lbf)
- Nomenclature for base chain only:
-C1873B0075CS
-C1873B0075SS
- Standard packaging: 3.048 m = 10ft (including one connecting link)
- The weight specification is indicative
- Other top plate material available on request
- Driven by standard #60 series roller chain sprockets

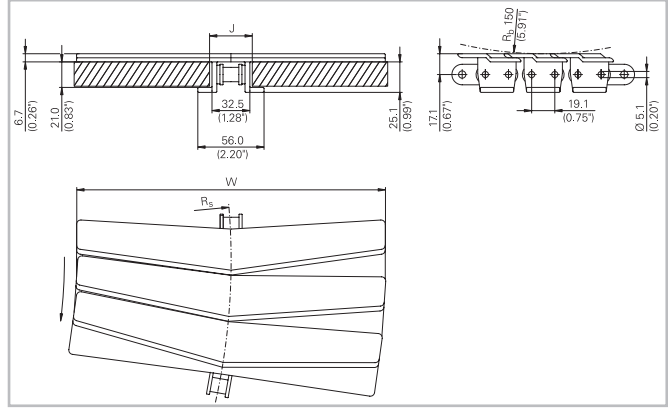
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Snap-on 3873T (Radius)

Description

Snap-on 3873T is a tabbed heavy duty radius and straight running snap-on safety chain. It is a two piece system that has a metallic 3/4" pitch 1873 roller chain with overlapping snap-on plastic top plates. Top plate thickness 3.2 mm. The overlapping top plates ensure that nothing can get caught between. Applications include cafeterias, printing and newspaper.



Chain Data

Habisit code	Width W		Weight		Nominal tensile strength F_N		J (straight)		J (curve)		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	mm	inch	mm	inch	
C3873S1000DPTA	254.0	10.00	3.47	2.33	4000	900	33.3	1.31	35.1	1.38	457	18.0	DP
C3873S1000LFTA	254.0	10.00	3.47	2.33	4000	900	33.3	1.31	35.1	1.38	457	18.0	LF

Base chain:

- Standard material is CS
- Stainless steel (suffix + SS) on request: Max. workload 2'00 N (450 lbf)
- Nomenclature for base chain only:
-C1873B0075CS
-C1873B0075SS
- Standard packaging: 3.048 m = 10ft (including one connecting link)
- The weight specification is indicative
- Other top plate material available on request
- Driven by standard #60 series roller chain sprockets

For further information and availability please contact your local Habisit partner.

HabaCHAIN®

Snap-on Accessories

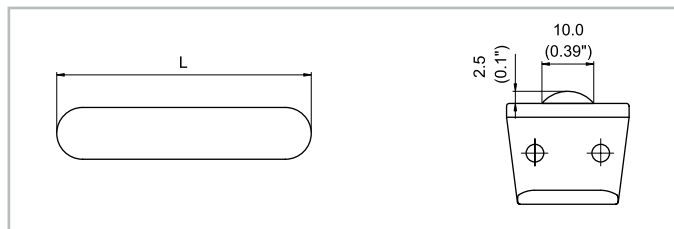
Inserts

Custom inserts can be fitted into most Snap-on Chain types to increase the friction between product and chain. This is beneficial for incline or decline applications.

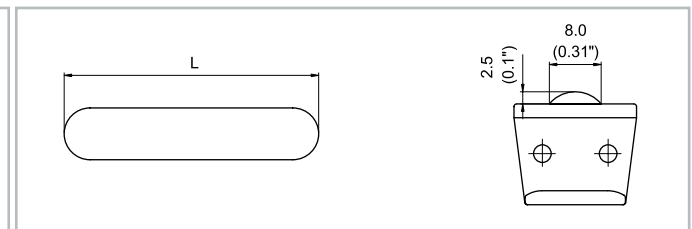
- Standard insert material is PL (other materials like HY on request)
- Chain links with inserts can be ordered either individually or ready-built into chain lengths (standard packaging: 3.048 m = 10 ft)
- For order code of special building pattern see page "Nomenclature"
- Standard insert dimensions are shown in the table below

Chain type	Chain width	Insert type	Insert width L	
			mm	inch
863 / 963	325	XA	60	2.36
	450		105	4.13
	600		130	5.12
	750			
1873T	325	XA	60	2.36
	450		90	3.54
	600		130	5.12
	750			
	1000	XB	200	7.87
	1200		295	11.61

Type XA



Type XB



This is only a brief overview of our inserts. Many different insert designs are available. For further information and availability please contact your local Habasit partner.

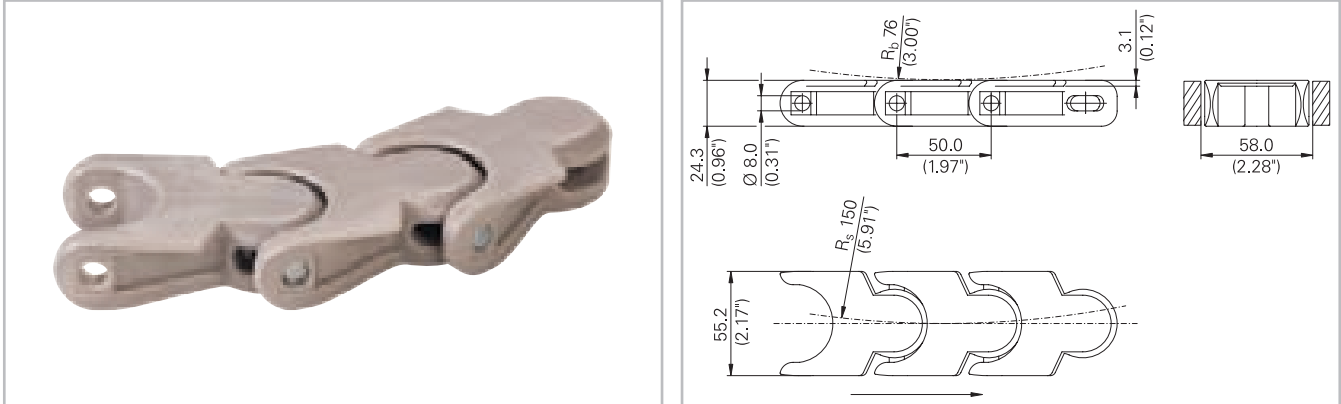
- Loose Snap-on plastic Top Plates are available on request (suffix + TP). Minimum delivery is 25 pieces.
- Connecting links are available on request
- For order code see page "Nomenclature"

HabaCHAIN®

Multiflex 1700 (Radius)

Description

Multiflex 1700 is a heavy duty 1.97" (50.00 mm) pitch radius and straight running multiflex conveyor plastic chain. Applications include alpine systems (inline accumulation) and case conveyors.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C1700K0219LFAA	55.2	2.17	1.37	0.92	4000	900	LF

Pin material: stainless steel

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Other materials on request

Related products

- Solid Sprockets - Series 1700

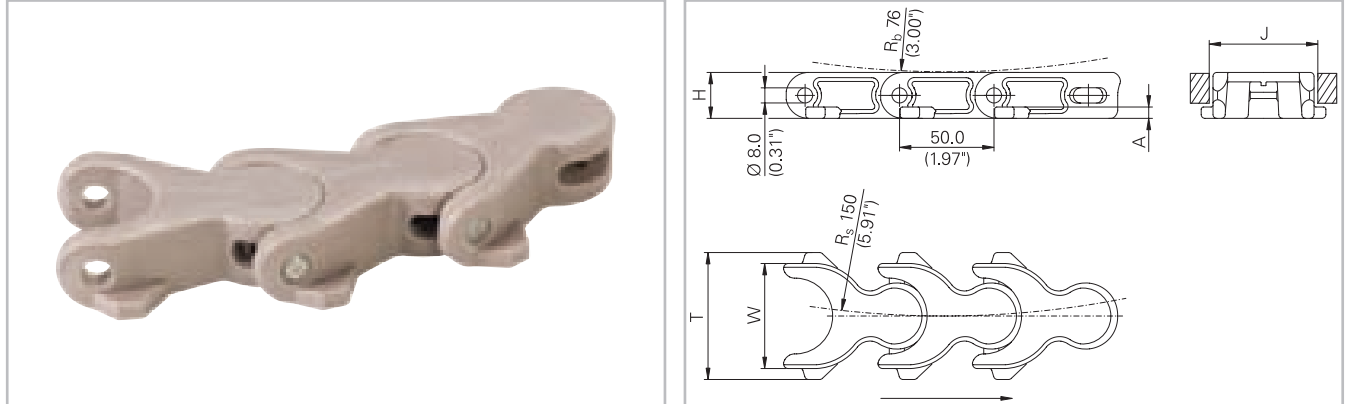
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Multiflex 1701T (Radius)

Description

Multiflex 1701T is a tabbed heavy duty 1.97" (50.00 mm) pitch radius and straight running multiflex conveyor plastic chain. Applications include alpine systems (inline accumulation) and case conveyors.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		A		H		J (straight)		J (curve)		T		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
C1701K0219LF TA	55.6	2.19	1.55	1.04	4000	900	6.1	0.24	24.3	0.96	62.0	2.44	59.6	2.35	66.8	2.63	LF

Pin material: stainless steel

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Other materials on request

Related products

- Solid Sprockets - Series 1700

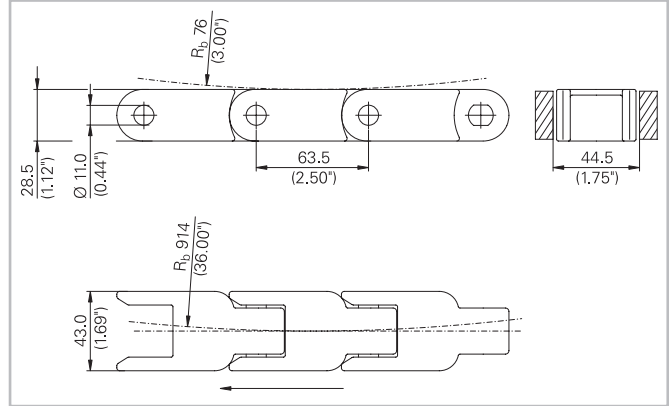
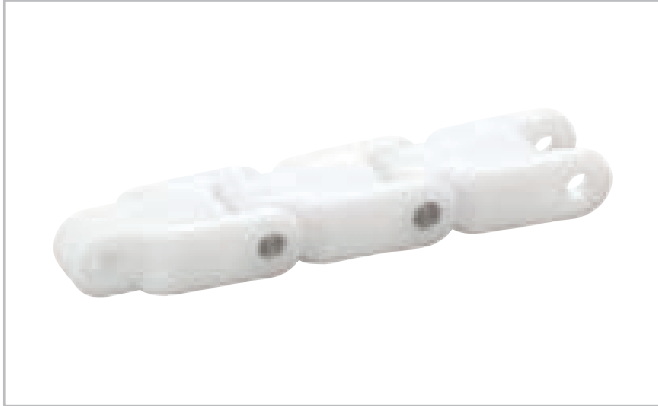
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Case Chain 600 (Radius)

Description

Case Chain 600 is a heavy duty 2.5" (63.50 mm) pitch radius and straight running closed top case conveyor chain. Applications include crate washers, empty keg lines and case conveyors.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C0600K0169DPAA+001	43.0	1.69	1.10	0.74	4500	1012	DP

Pin material: stainless steel

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Other materials on request

Related products

- Solid Sprockets -Series 600

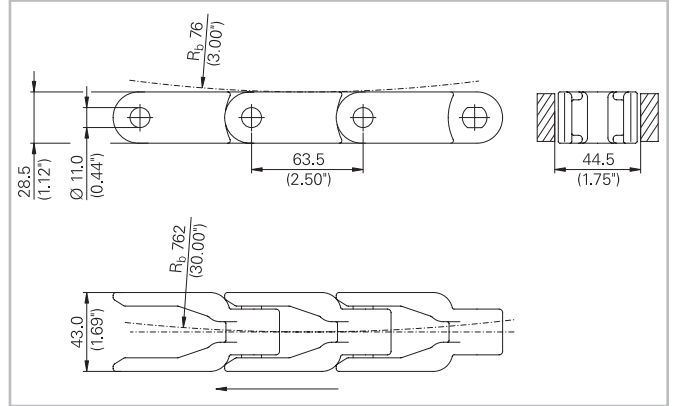
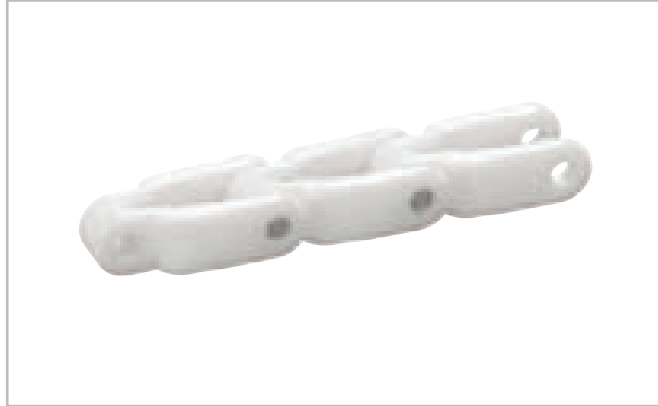
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Case Chain 601 (Radius)

Description

Case Chain 601 is a heavy duty 2.5" (63.50 mm) pitch radius and straight running open top case conveyor chain. Applications include crate washers, empty keg lines and case conveyors.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C0601K0169DPAA+001	43.0	1.69	1.05	0.71	4500	1012	DP

Pin material: stainless steel

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Other materials on request

Related products

- Solid Sprockets - Series 600

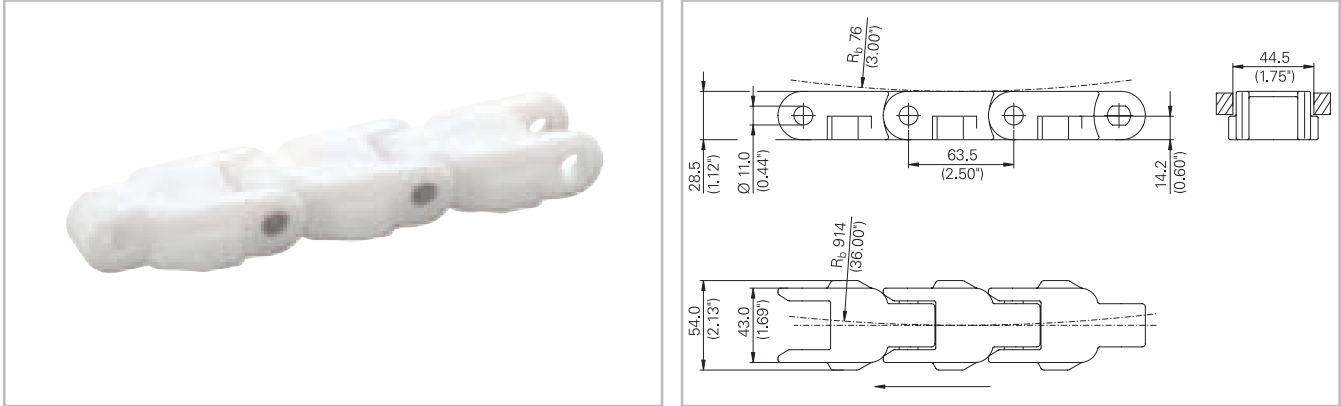
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Case Chain 610T (Radius)

Description

Case Chain 610T is a tabbed heavy duty 2.5" (63.50 mm) pitch radius and straight running closed top case conveyor chain. Applications include crate washers, empty keg lines and case conveyors.



Chain Data

Habsit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C0610K0169DPTA+001	43.0	1.69	1.15	0.77	4500	1012	DP

Pin material: stainless steel

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Other materials on request

Related products

- Solid Sprockets - Series 600

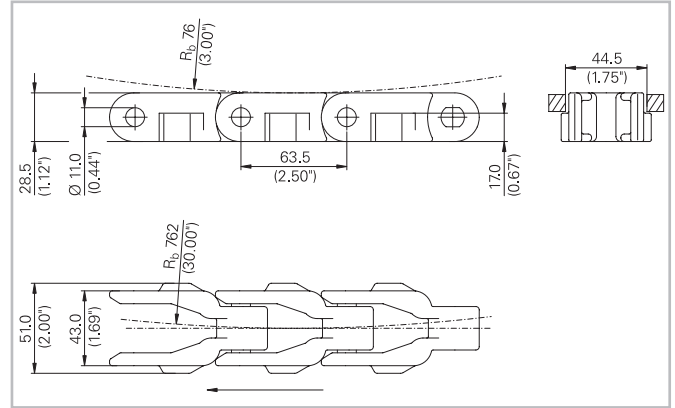
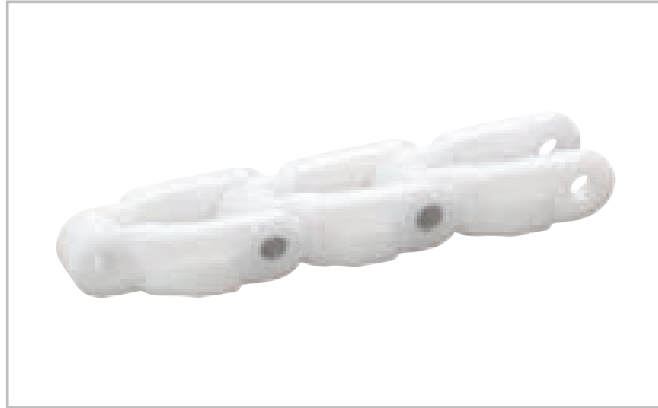
For further information and availability please contact your local Habsit partner.

HabaCHAIN®

Case Chain 611T (Radius)

Description

Case Chain 611T is a tabbed heavy duty 2.5" (63.50 mm) pitch radius and straight running open top case conveyor chain. The tab shape is different compared to 611TE. Applications include crate washers, empty keg lines and case conveyors.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C0611K0169DPTA+001	43.0	1.69	1.10	0.74	4500	1012	DP

Pin material: stainless steel

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Other materials on request

Related products

- Solid Sprockets - Series 600

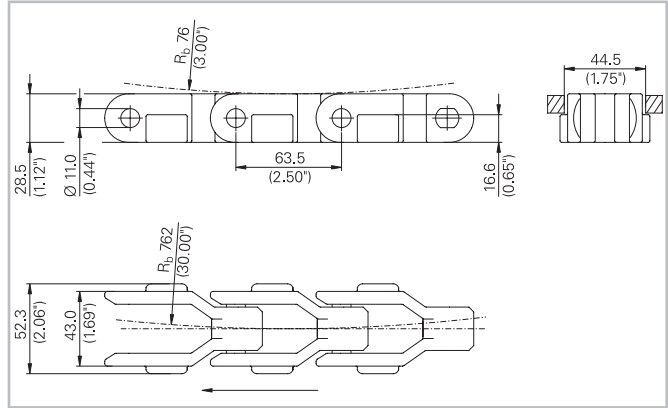
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Case Chain 611TE (Radius)

Description

Case Chain 611TE is an extended tabbed heavy duty 2.5" (63.50 mm) pitch radius and straight running open top case conveyor chain. The tab shape is different compared to 611T. Applications include crate washers, empty keg lines and case conveyors.



Chain Data

Habsit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C0611K0169DPTE+001	43.0	1.69	1.10	0.47	4500	1012	DP

Pin material: stainless steel

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Other materials on request

Related products

- Solid Sprockets - Series 600

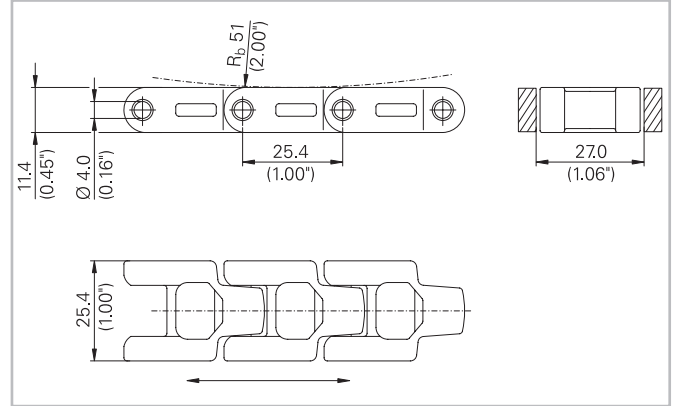
For further information and availability please contact your local Habsit partner.

HabaCHAIN®

Case Chain 1100 (Straight)

Description

Case Chain 1100 is a standard duty 1" (25.4 mm) pitch straight running only case conveyor chain. Applications include packaging machines and empty case handling.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C1100K0100LFAA+001	25.4	1.00	0.98	0.66	623	140	LF
C1100K0100NYAA	25.4	1.00	0.98	0.66	623	140	NY
C1100K0100HTAA	25.4	1.00	0.98	0.66	623	140	HT

Pin material: stainless steel

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Other materials on request
- Available with various chain attachments including extended pins

Related products

- Solid Sprockets - Series 1100

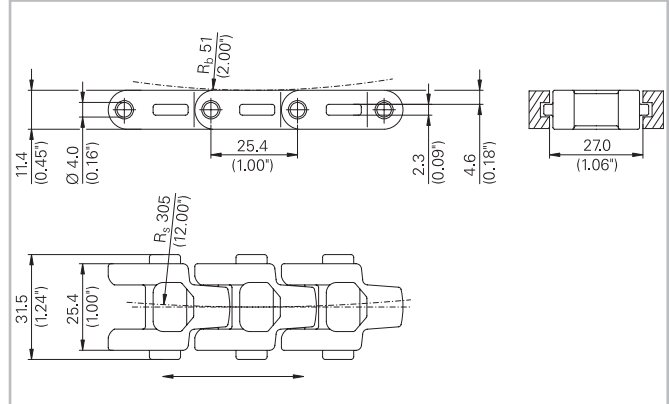
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Case Chain 1110T (Radius)

Description

Case Chain 1110T is a tabbed standard duty 1" (25.4 mm) pitch radius and straight running case conveyor chain. Applications include packaging machines and empty case handling.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C1110K0100LFTA+001	25.4	1.00	0.98	0.66	373	84	LF
C1110K0100NYTA	25.4	1.00	0.98	0.66	373	84	NY
C1110K0100HTTA	25.4	1.00	0.98	0.66	373	84	HT

Pin material: stainless steel

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Other materials on request

Related products

- Solid Sprockets - Series 1100

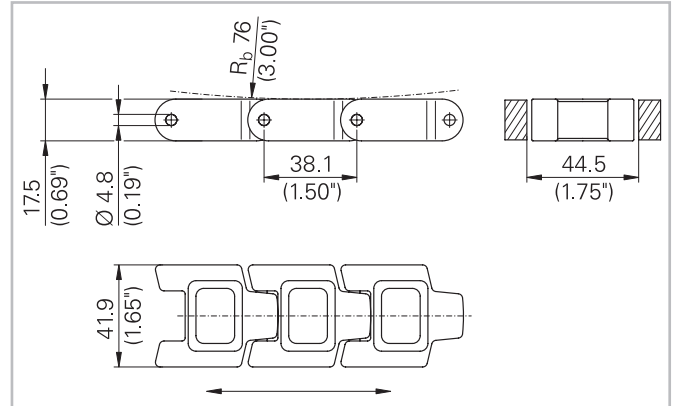
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Case Chain 1150 (Straight)

Description

Case Chain 1150 is a standard duty 1.5" (38.1 mm) pitch straight running only case conveyor chain. Applications include packaging machines and empty/full case handling.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C1150K0165HTAA	41.9	1.65	2.15	1.44	1379	310	HT
C1150K0165PCAA	41.9	1.65	1.90	4.27	1379	310	PC

Pin material: stainless steel

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Other materials on request
- Available with various chain accessories including extended pins

Related products

- Solid Sprockets - Series 1150

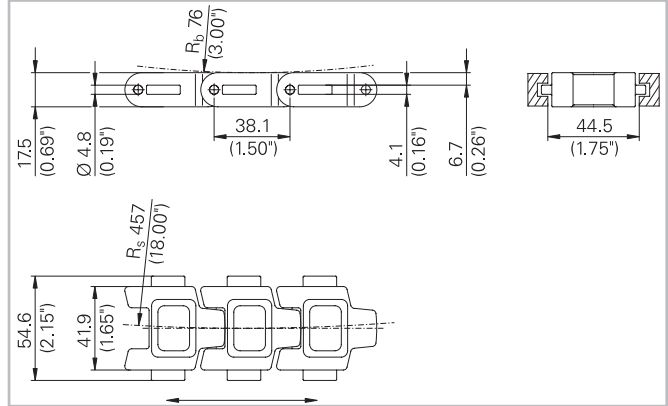
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Case Chain 1151T (Radius)

Description

Case Chain 1151T is a tabbed standard duty 1.5" (38.1 mm) pitch radius and straight running case conveyor chain. Applications include packaging machines and empty/full case handling.



Chain Data

Habsit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C1151K0165HTTA	41.9	1.65	2.15	1.44	827	186	HT
C1151K0165PCTA	41.9	1.65	1.90	1.27	827	186	PC

Pin material: stainless steel

- Standard packaging: 3.048 m = 10 ft
- The weight specification is indicative
- Other materials on request

Related products

- Solid Sprockets -Series 1150

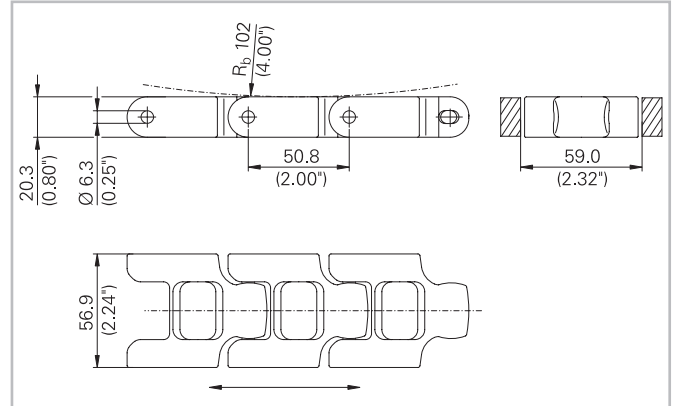
For further information and availability please contact your local Habsit partner.

HabaCHAIN®

Case Chain 1200 (Straight)

Description

Case Chain 1200 is a heavy duty 2" (50.8 mm) pitch straight running only case conveyor chain. The 1200 series chains are identical to the 3200 series chains except for the material variety and the chain attachments. Applications include poultry conveyance and case conveyors.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C1200K0224DPAA+001	57.0	2.24	1.30	0.87	3100	698	DP
C1200K0224HTAA	57.0	2.24	1.30	0.87	3100	698	HT

Pin material: stainless steel

- Standard packaging: 3.048 m = 10ft
- Other materials on request
- The weight specification is indicative

Related products

- Solid Sprockets - Series 3200

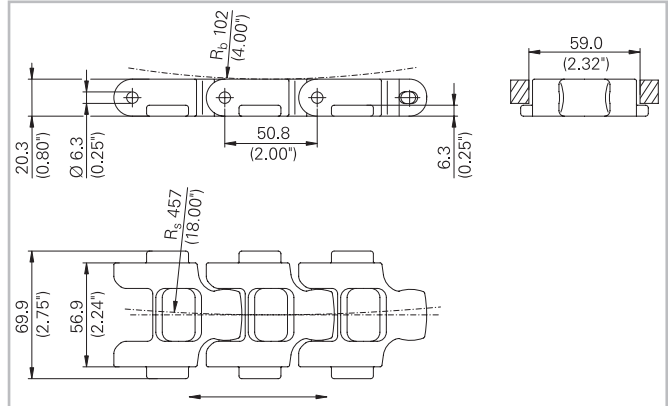
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Case Chain 1210T (Radius)

Description

Case Chain 1210T is a tabbed heavy duty 2" (50.8 mm) pitch radius and straight running case conveyor chain. The 1210T series chains are identical to the 3210T series chains except for the material variety, the Sideflex Radius and the chain attachments. Applications include poultry conveyance and case conveyors.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		R_s		Material
	mm	inch	kg/m	lb/ft	N	lbf	mm	inch	
C1210K0224DPTA+001	57.0	2.24	1.35	0.91	2500	563	457	18.0	DP
C1210K0224HTTA	57.0	2.24	1.35	0.91	2500	563	457	18.0	HT

Pin material: stainless steel

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Other materials on request

Related products

- Solid Sprockets - Series 3200

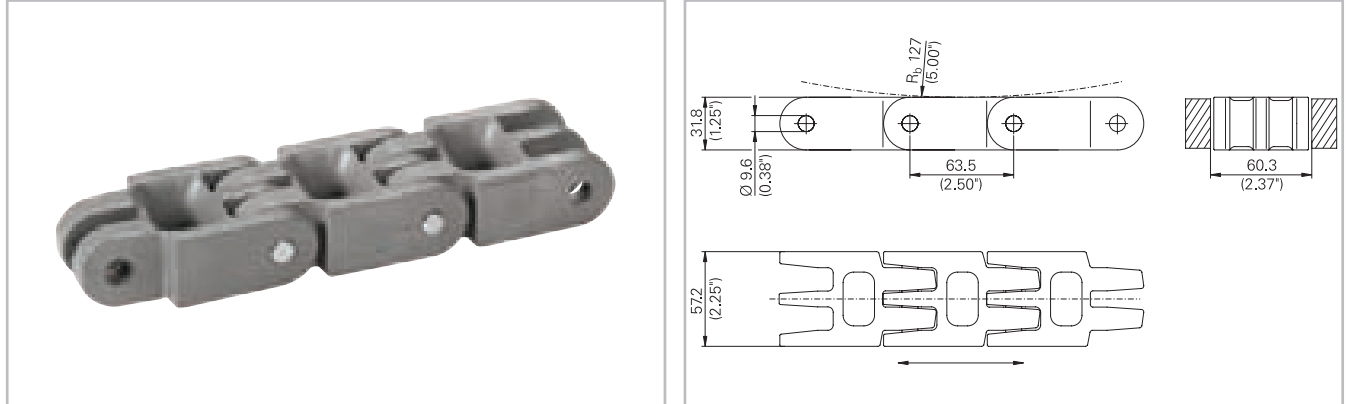
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Case Chain 1250 (Straight)

Description

Case Chain 1250 is a heavy duty 2.5" (63.5 mm) pitch straight running only case conveyor chain. Applications include packaging machines, full case handling and power transmission.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C1250K0225HTAA	57.2	2.25	1.73	1.16	6228	1400	HT

Pin material: stainless steel

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Other materials on request
- Available with various chain attachments including extended pins

Related products

- Solid Sprockets - Series 1250

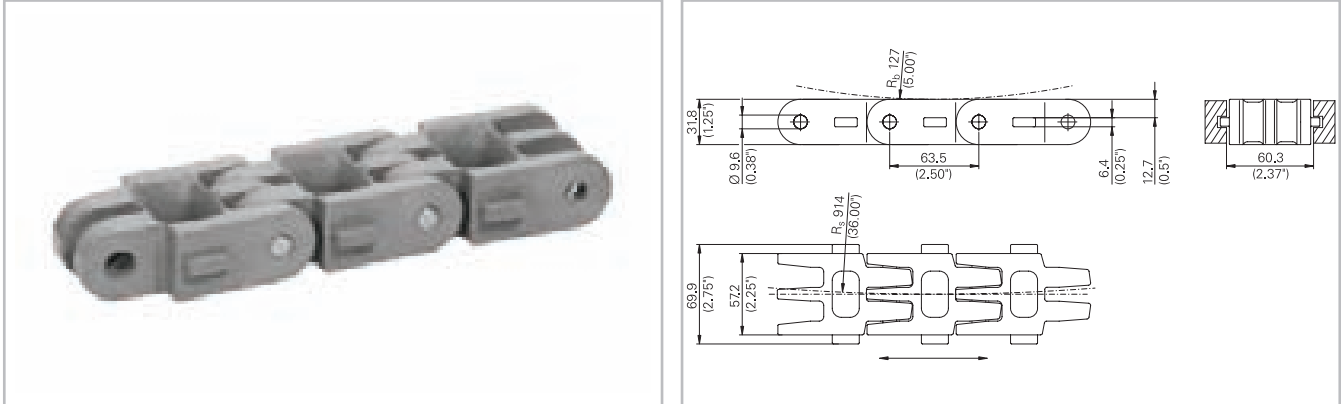
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Case Chain 1251T (Radius)

Description

Case Chain 1251T is a tabbed heavy duty 2.5" (63.5 mm) pitch radius and straight running case conveyor chain. Applications include packaging machines, full case handling and power transmission.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C1251K0225HTTA	57.2	2.25	1.73	1.16	3700	833	HT

Pin material: stainless steel

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Other materials on request

Related products

- Solid Sprockets - Series 1250

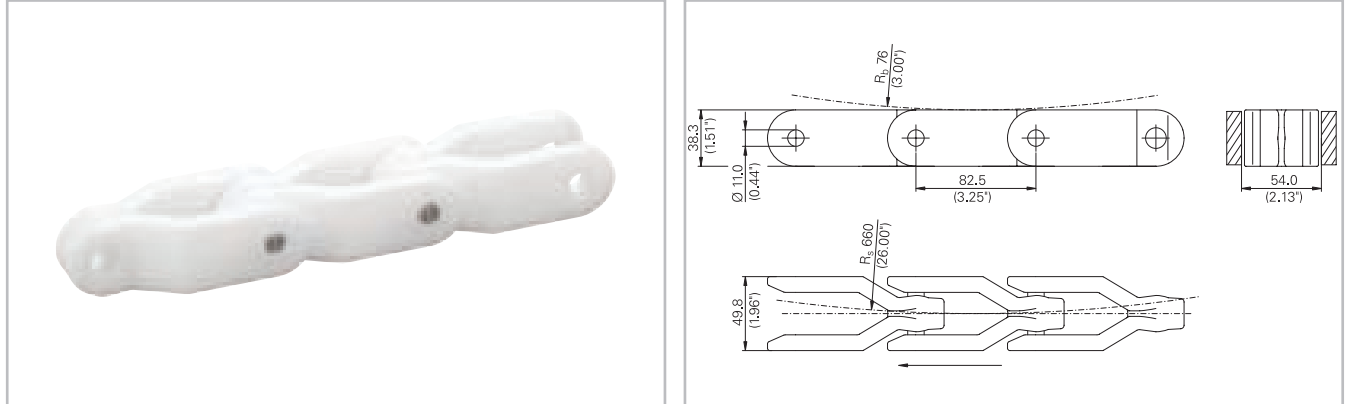
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Case Chain 1400 (Radius)

Description

Case Chain 1400 is a heavy duty 3.25" (82.5 mm) pitch radius and straight running open top case conveyor chain. Applications include crate washers, full keg lines and case conveyors.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C1400K0200DPAA+001	50.8	2.00	2.08	1.40	6600	1485	DP

Pin material: stainless steel

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Other materials on request

Related products

- Solid Sprockets - Series 1400

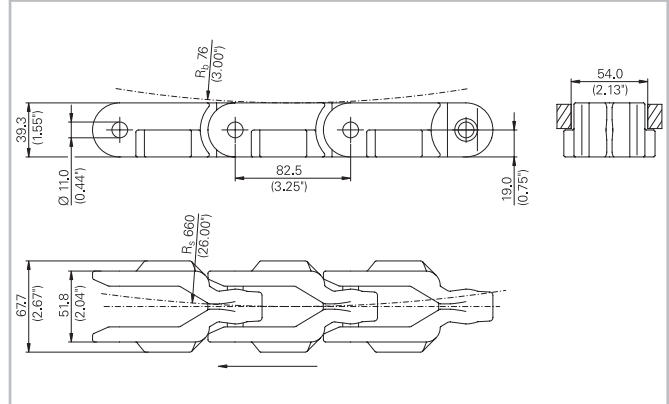
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Case Chain 1410T (Radius)

Description

Case Chain 1410T is a tabbed heavy duty 3.25" (82.5 mm) pitch radius and straight running open top case conveyor chain. Applications include crate washers, full keg lines and case conveyors.



Chain Data

Habsit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C1410K0200DPTA+001	50.8	2.00	2.27	1.53	6600	1485	DP

Pin material: stainless steel

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Other materials on request

Related products

- Solid Sprockets - Series 1400

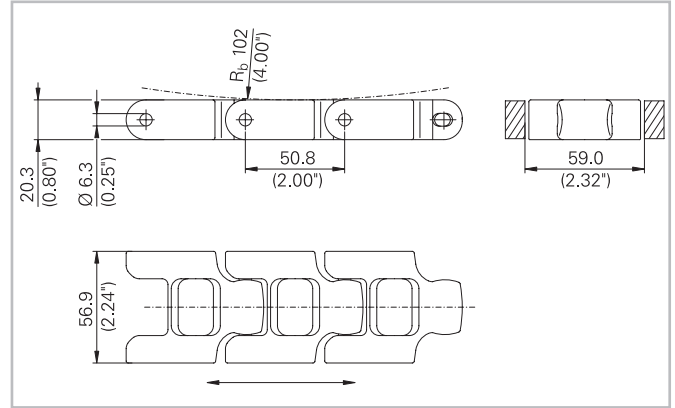
For further information and availability please contact your local Habsit partner.

HabaCHAIN®

Case Chain 3200 (Straight)

Description

3200 is a heavy duty 2" (50.8 mm) pitch straight running only case conveyor chain. The 3200 series chains are identical to the 1200 series chains except for the material variety and the chain attachments. Applications include poultry conveyance and case conveyors.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C3200K0224DPAA+001	57.0	2.24	1.30	0.87	3100	698	DP
C3200K0224DPAA+002	57.0	2.24	1.30	0.87	3100	698	DP
C3200K0224DPAA+008	57.0	2.24	1.30	0.87	3100	698	DP
C3200K0224NYAA+008	57.0	2.24	1.06	0.71	3100	698	NY

Pin material: stainless steel

- Standard packaging: 3.048 m = 10ft
- Other materials on request
- The weight specification is indicative

Related products

- Solid Sprockets - Series 3200

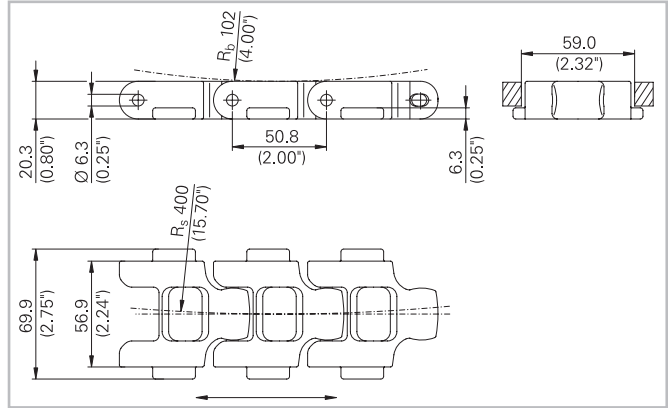
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Case Chain 3210T (Radius)

Description

Case Chain 3210T is a tabbed heavy duty 2" (50.8 mm) pitch radius and straight running case conveyor chain. The 3210T series chains are identical to the 1210T series chains except for the material variety, the Sideflex Radius and the chain attachments. Applications include poultry conveyance and case conveyors.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C3210K0224DPTA+001	57.0	2.24	1.35	0.91	2500	563	DP
C3210K0224DPTA+002	57.0	2.24	1.35	0.91	2500	563	DP
C3210K0224DPTA+008	57.0	2.24	1.35	0.91	2500	563	DP
C3210K0224NYTA+008	57.0	2.24	1.13	0.75	2500	563	NY

Pin material: stainless steel

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Other materials on request

Related products

- Solid Sprockets - Series 3200

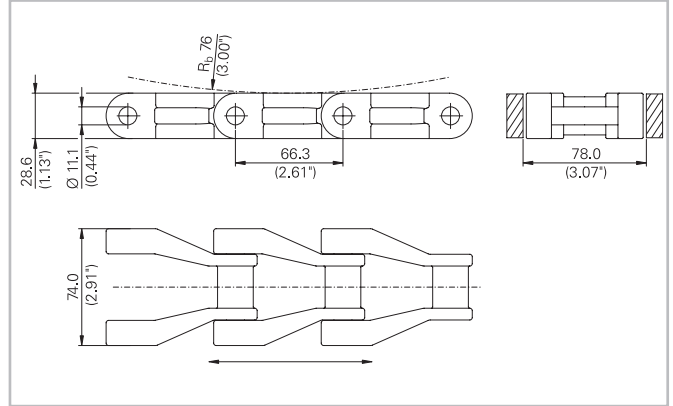
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Case Chain NH78 (Straight)

Description

Case Chain NH78 is a heavy duty 2.61" (66.3 mm) pitch straight running only case conveyor chain designed for bi-directional travel. Applications include sorting tables, elevators and sewage treatment applications.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
CNH78K0291LFAA	74.0	2.91	2.10	1.41	7700	1733	LF

Pin material: stainless steel

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Other materials on request
- Available with various extended pin configurations

Related products

- Solid Sprockets - Series NH78

For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Case Chain Accessories

Description

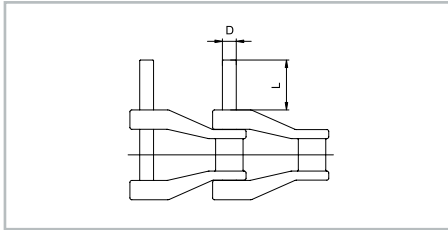
Different accessories for case chains are available, including extended pins, pushers and attachment points.



Extended pin EP

Extended journal pins (standard material is stainless steel SA) are particularly advantageous for low tension accumulation, eliminating damage to product and containers: Suffix +EP

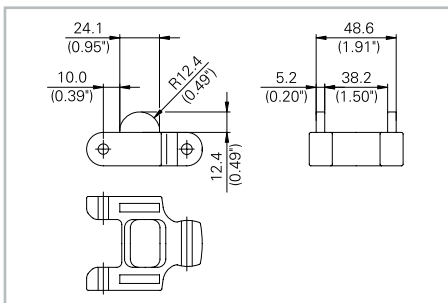
Chain type	Chain pitch P		Pin diam. D		Pin length L	
	mm	inch	mm	inch	mm	inch
C1100K100EP--AA+--1	25.4	1.00	6.4	1/4 = 0.25	38.1	1.50
C1150K165EP--AA+--1	38.1	1.50	6.4	1/4 = 0.25		
C1200K224EP--AA+--3	50.8	2.00	9.5	3/8 = 0.38		
C1200K224EP--AA+--8			12.7	8/16 = 0.50		
C1250K225EP--AA+--7	63.5	2.50	11.1	7/16 = 0.44		
C1250K225EP--AA+--8			12.7	8/16 = 0.50		
CNH78K291EP--AA+--7	66.3	2.61	11.11	7/16 = 0.44		
CNH78K291EP--AA+--8			12.7	8/16 = 0.50		
CNH78K291EP--AA+--9			14.3	9/16 = 0.56		



Half round pusher HR

Ideally suited for indexing, elevating or lowering boxes: Suffix +HR

Chain type	Chain pitch P	
	mm	inch
C1200K224HP--AA+--	50.8	2.00



- For order code of special building pattern see page "Nomenclature"

HabaCHAIN®

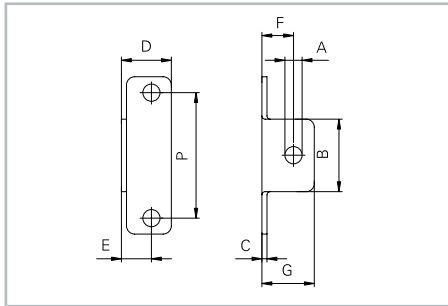
Case Chain Accessories



Stainless steel attachment K1

These 303 stainless steel attachments are attached to the chain through the connecting pins. They are suitable for heavy-duty applications and are ideal for attaching slats, pushers or other accessories: Suffix +K1

Chain type	Chain pitch P		A		B		C	
	mm	inch	mm	inch	mm	inch	mm	inch
C1100K100K1--AA+--	25.4	1.00	6.9	0.27	15.9	0.63	1.9	0.07
C1150K165K1--AA+--	38.1	1.50			19.1	0.75		
C1200K224K1--AA+--	50.8	2.00			28.9	1.14		



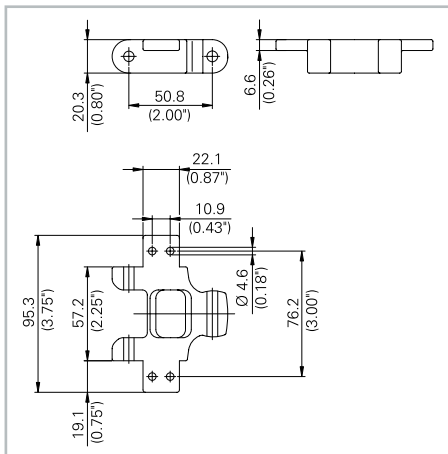
Chain type	D		E		F		G	
	mm	inch	mm	inch	mm	inch	mm	inch
C1100K100K1--AA+--	11.5	0.45	4.1	0.16	10.9	0.43	18	0.71
C1150K165K1--AA+--	17.5	0.69	6.9	0.27	12.1	0.48	21	0.83
C1200K224K1--AA+--	20.3	0.80	7.5	0.29	15.2	0.60	28.9	1.14



Tab type K2

Molded tab on both sides with two holes: Suffix +K2

Chain type	Chain pitch P	
	mm	inch
C1200K224K2--AA+--	50.8	2.00
C1200K224K2--AA+--		



- For order code of special building pattern see page "Nomenclature"

HabaCHAIN®

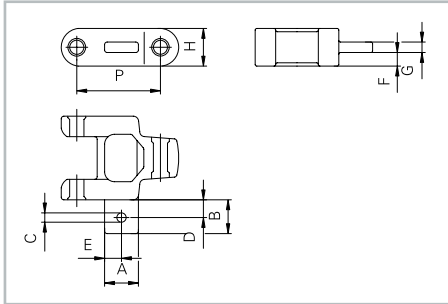
Case Chain Accessories



Tab type A1

Molded tab on one side with one hole: Suffix +A1

Chain type	Chain pitch P		A		B		C	
	mm	inch	mm	inch	mm	inch	mm	inch
C1100K100A1--AA+--	25.4	1.00	10.4	0.41	10.9	0.43	2.3	0.09
C1150K165A1--AA+--	38.1	1.00	15.2	0.60	18.8	0.74	5.1	0.20
C1200K224A1--AA+--	50.8	2.00	17.5	0.69	19.3	0.76	6.4	0.25
C1250K225A1--AA+--	63.5	2.50	19.1	0.75	29	1.14	7.4	0.29



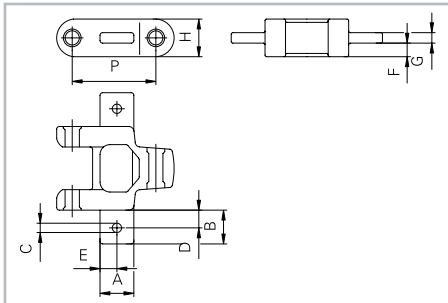
Chain type	D		E		F		G	
	mm	inch	mm	inch	mm	inch	mm	inch
C1100K100A1--AA+--	11.4	0.45	5.2	0.21	4.1	0.16	3.2	0.13
C1150K165A1--AA+--	17.5	0.69	7.6	0.30	6.0	0.24	5.1	0.20
C1200K224A1--AA+--	20.3	0.80	8.8	0.35	6.8	0.27	6.4	0.25
C1250K225A1--AA+--	31.8	1.25	9.6	0.38	12.5	0.49	6.4	0.25



Tab type A2

Molded tab on both sides with one hole: Suffix +A2

Chain type	Chain pitch P		A		B		C	
	mm	inch	mm	inch	mm	inch	mm	inch
C1200K224A2--AA+--	50.8	2.00	17.5	0.69	19.3	0.76	6.4	0.25
C1250K225A2--AA+--	63.5	2.50	19.1	0.75	29	1.14	7.4	0.29



Chain type	D		E		F		G	
	mm	inch	mm	inch	mm	inch	mm	inch
C1200K224A2--AA+--	20.3	0.80	8.8	0.35	6.8	0.27	6.4	0.25
C1250K225A2--AA+--	31.8	1.25	9.6	0.38	12.5	0.49	6.4	0.25

- For order code of special building pattern see page "Nomenclature"

HabaCHAIN®

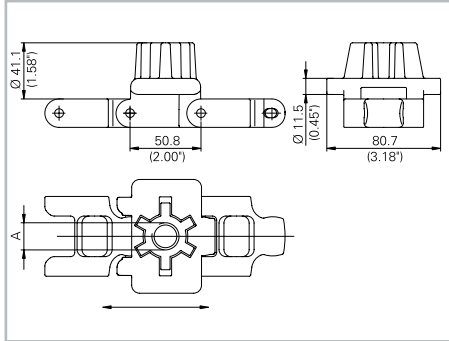
Case Chain Accessories



Cone attachment CT

Cone Line Module
for Case Chain 1200 (Straight):
Suffix +CT

Chain type	Chain pitch P		3/4" thread diam. A		Thread length min.	
	mm	inch	mm	inch	mm	inch
C1200K224CT--AA+--	50.8	2.00	19.1	3/4 = 0.75	25.4	1.00



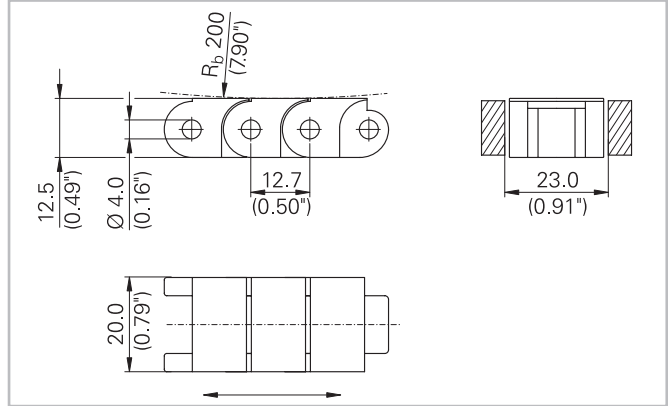
- For order code of special building pattern see page "Nomenclature"

HabaCHAIN®

Miniature 40P (Straight)

Description

Miniature 40P is a standard duty 1/2" (12.7 mm) pitch straight running only conveyor chain. Applications include packaging machines and applications that require a closed top plate design that eliminates pinch points.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C0040K0079DPAA+001	20.0	0.79	0.36	0.24	445	100	DP

Pin material: stainless steel

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Other materials on request
- Driven by standard #40 roller chain sprockets

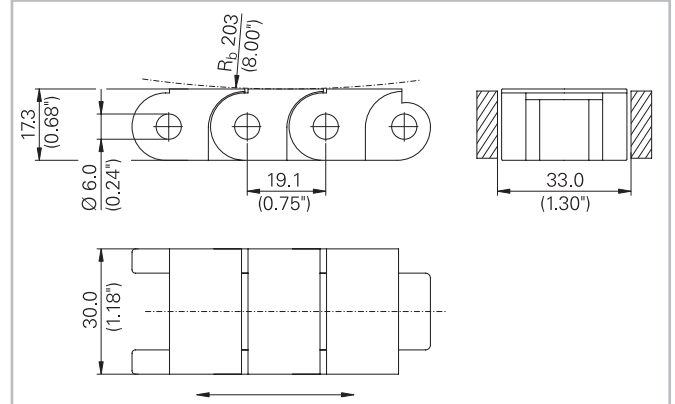
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Miniature 60P (Straight)

Description

Miniature 60P is a standard duty 3/4" (19.1 mm) pitch straight running only conveyor chain. Applications include packaging machines and applications that require a closed top plate design that eliminates pinch points.



Chain Data

Habasit code	Width W		Weight		Nominal tensile strength F_N		Material
	mm	inch	kg/m	lb/ft	N	lbf	
C0060K0118DPAA+001	30.0	1.18	0.71	0.48	890	200	DP

Pin material: stainless steel

- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Other materials on request
- Driven by standard #60 roller chain sprockets

For further information and availability please contact your local Habasit partner.

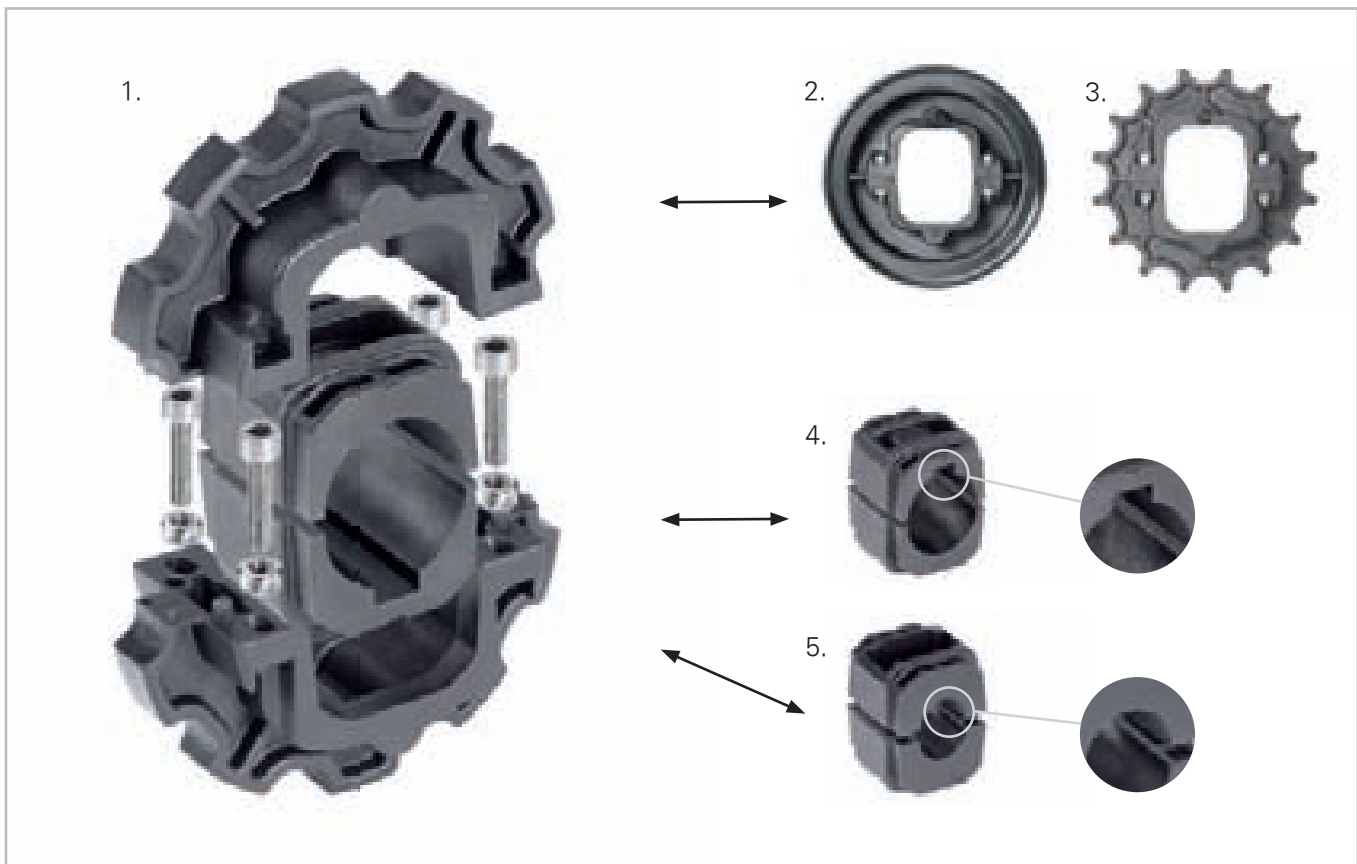
Multi-Hub: Sprockets and Idlers

Description

Habasit has invented a new type of modular split sprockets and split idlers called Multi-Hub. Interchangeable hub inserts in various diameters with or without keyway and sprocket, or idler rims in two different materials, reduce the inventory needed by customers. With this Multi-Hub system it is possible to combine a noise dampening sprocket rim with a stiff and wear resistant hub. The customized choice of materials and high fabrication accuracy ensure long lifetimes and optimized power transmission.



Complete Multi-Hub Sprocket in noise dampening material ND



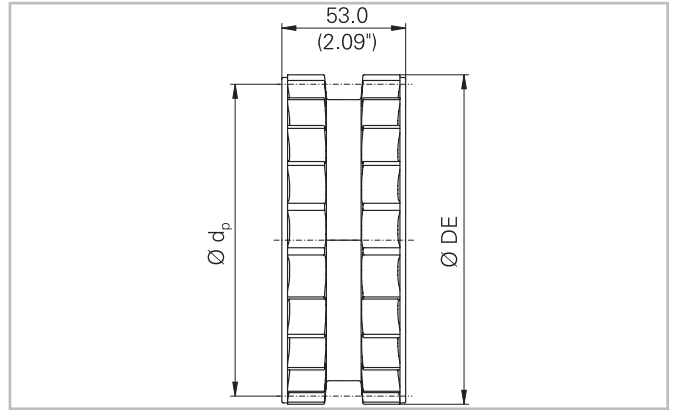
1. Complete Multi-Hub sprocket
2. Interchangeable Idler Rim with screws
3. Interchangeable Sprocket Rim with screws
4. Interchangeable Hub Insert: round bore with keyway for drive applications
5. Interchangeable Hub Insert: plain round bore for idler applications

HabaCHAIN®

Multi-Hub 820 Sprocket-Rims

Description

Multi-Hub 820 Sprocket-Rim is suitable for 810, 820 and 831 series chains. The splitted sprocket rim has moulded guide rings and is available also in special noise dampening material. Different bore configurations can be obtained by using separate Multi-Hub inserts. The customized combination of materials and the high fabrication accuracy ensure a high wear resistance, low noise and optimized power transmission.



Sprocket Data

Habasit code	Number of teeth	Ø DE		Diam. of pitch Ø d _p		Material
		mm	inch	mm	inch	
C0820G21	21	128.9	5.07	129.9	5.09	LI
C0820G23	23	142.0	5.59	141.2	5.56	LI
C0820G25	25	153.8	6.06	153.2	6.03	LI
C0820G21+ND	21	128.9	5.07	129.9	5.09	ND
C0820G23+ND	23	142.0	5.59	141.2	5.56	ND
C0820G25+ND	25	153.8	6.06	153.2	6.03	ND

- Included in delivery: 2 sprocket rim halves, 4 screws, 4 self-locking nuts
- Nuts and screws: stainless steel
- Special noise dampening material available: +ND

Related Products

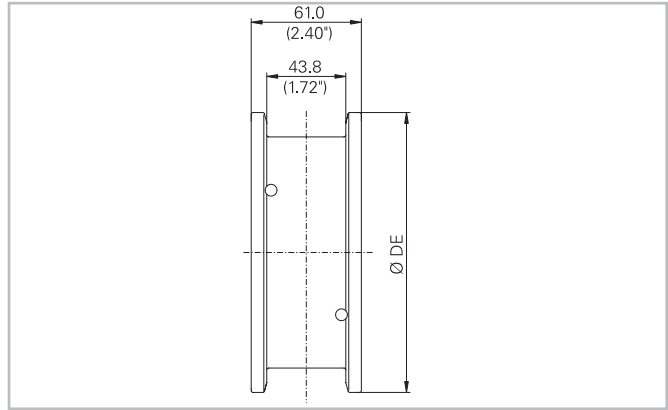
- Multi-Hub Inserts

HabaCHAIN®

Multi-Hub 820 Idler-Rims

Description

Multi-Hub 820 Idler-Rim is suitable for 810, 820, 831, 879B, 880B and 881B series chains. The splitted idler is available also in special noise dampening material. Different bore configurations can be obtained by using separate Multi-Hub inserts. The customized combination of materials and the high fabrication accuracy ensure a high wear resistance, low noise and optimized power transmission.



Sprocket Data

Habasit code	Equivalent number of teeth	Ø DE		Material
		mm	inch	
C0820L21	21	130.0	5.12	LI
C0820L23	23	142.5	5.61	LI
C0820L25	25	154.5	6.08	LI
C0820L21+ND	21	130.0	5.12	ND
C0820L23+ND	23	142.5	5.61	ND
C0820L25+ND	25	154.5	6.08	ND

- Included in delivery: 2 idler rim halves, 4 screws, 4 self-locking nuts
- Nuts and screws: stainless steel
- Special noise dampening material available: +ND

Related Products

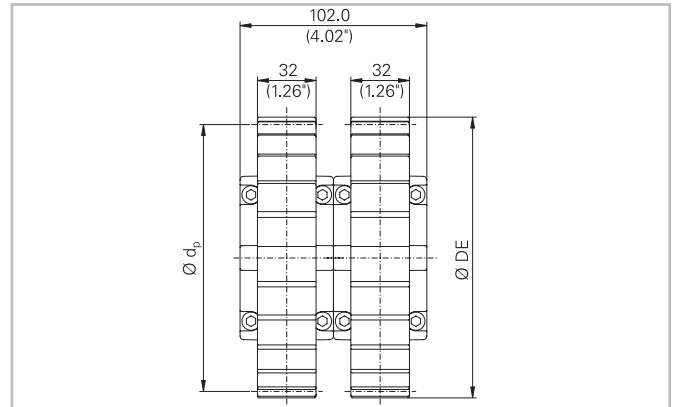
- Multi-Hub Inserts

HabaCHAIN®

Multi-Hub 821 Sprocket-Rims

Description

Multi-Hub 821 Sprocket-Rim is suitable for 800 and 821 series chains. It consists of two Multi-Hub 881 sprockets set up side-by-side. The splitted sprocket rim is available also in special noise dampening material. Different bore configurations can be obtained by using separate Multi-Hub inserts. The customized combination of materials and the high fabrication accuracy ensure a high wear resistance, low noise and optimized power transmission.



Sprocket Data

Habasit code	Number of teeth	Ø DE		Diam. of pitch Ø d _p		Material
		mm	inch	mm	inch	
C0821G25	25	153.8	6.06	153.2	6.03	LI
C0821G25+ND	25	153.8	6.06	153.2	6.03	ND

- Included in delivery: 4 sprocket rim halves (881 type), 8 screws, 8 self-locking nuts
- Nuts and screws: stainless steel
- Special noise dampening material available: +ND

Related Products

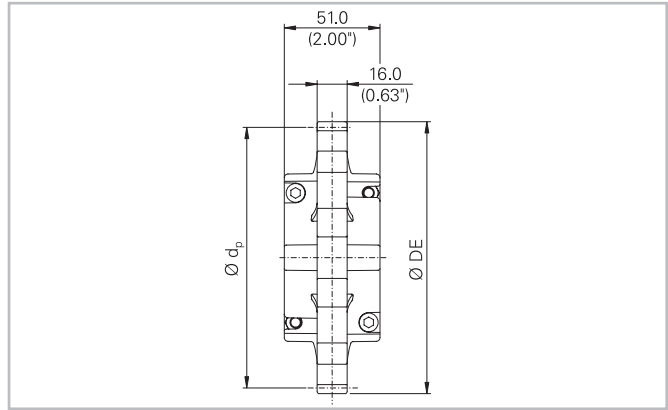
- Multi-Hub Inserts

HabaCHAIN®

Multi-Hub 880 Sprocket-Rims

Description

Multi-Hub 880 Sprocket-Rim is suitable for 879, 880 and 890 series chains. The splitted sprocket rim is available also in special noise dampening material. Different bore configurations can be obtained by using separate Multi-Hub inserts. The customized combination of materials and the high fabrication accuracy ensure a high wear resistance, low noise and optimized power transmission.



Sprocket Data

Habasit code	Number of teeth	Ø DE		Diam. of pitch Ø d _p		Material
		mm	inch	mm	inch	
C0880G10	10	122.2	4.81	123.3	4.85	LI
C0880G12	12	147.4	5.80	147.2	5.80	LI
C0880G10+ND	10	122.2	4.81	123.3	4.85	ND
C0880G12+ND	12	147.4	5.80	147.2	5.80	ND

- Included in delivery: 2 sprocket rim halves, 4 screws, 4 self-locking nuts
- Nuts and screws: stainless steel
- Special noise dampening material available: +ND

Related Products

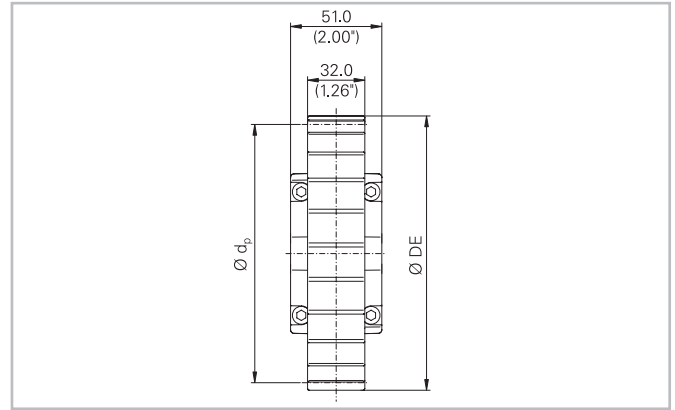
- Multi-Hub Inserts

HabaCHAIN®

Multi-Hub 881 Sprocket-Rims

Description

Multi-Hub 881 Sprocket-Rim is suitable for 881 series chains. Two Multi-Hub 881 sprockets form a 821 sprocket. The splitted sprocket rim is available also in special noise dampening material. Different bore configurations can be obtained by using separate Multi-Hub inserts. The customized combination of materials and the high fabrication accuracy ensure a high wear resistance, low noise and optimized power transmission.



Sprocket Data

Habasit code	Number of teeth	Ø DE		Diam. of pitch Ø dp		Material
		mm	inch	mm	inch	
C0881G25	25	153.8	6.06	153.2	6.03	LI
C0881G25+ND	25	153.8	6.06	153.2	6.03	ND

- Included in delivery: 2 sprocket rim halves, 4 screws, 4 self-locking nuts
- Nuts and screws: stainless steel
- Special noise dampening material available: +ND

Related Products

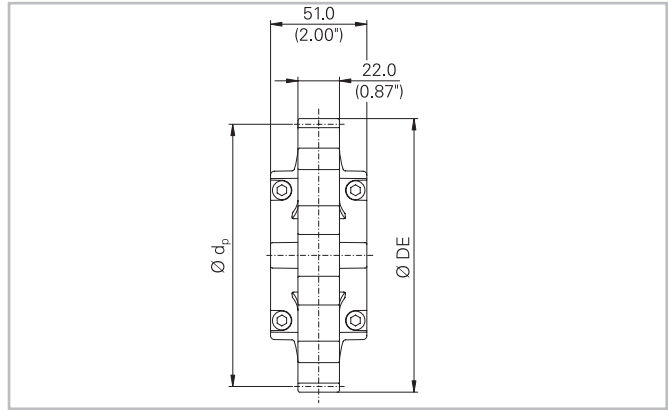
- Multi-Hub Inserts

HabaCHAIN®

Multi-Hub 882 Sprocket-Rims

Description

Multi-Hub 882 Sprocket-Rim is suitable for 882 series chains. The splitted sprocket rim is available also in special noise dampening material. Different bore configurations can be obtained by using separate Multi-Hub inserts. The customized combination of materials and the high fabrication accuracy ensure a high wear resistance, low noise and optimized power transmission.



Sprocket Data

Habisit code	Number of teeth	Ø DE		Diam. of pitch Ø d _p		Material
		mm	inch	mm	inch	
C0882G12	12	150.0	5.91	147.2	5.80	LI
C0882G12+ND	12	150.0	5.91	147.2	5.80	ND

- Included in delivery: 2 sprocket rim halves, 4 screws, 4 self-locking nuts
- Nuts and screws: stainless steel.
- Standard color: black
- Special noise dampening material available: +ND

Related Products

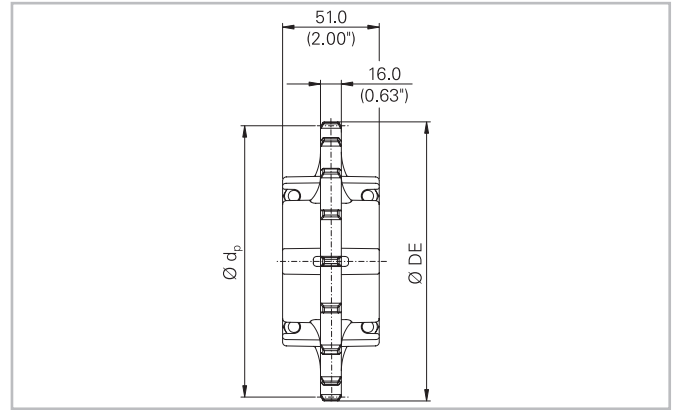
- Multi-Hub Inserts

HabaCHAIN®

Multi-Hub 1060 Sprocket-Rims

Description

Multi-Hub 1060 Sprocket-Rim is suitable for 770 and 1061 series chains. The splitted sprocket rim is available also in special noise dampening material. Different bore configurations can be obtained by using separate Multi-Hub inserts. The customized combination of materials and the high fabrication accuracy ensure a high wear resistance, low noise and optimized power transmission.



Sprocket Data

Habasit code	Number of teeth	Ø DE		Diam. of pitch Ø d _p		Material
		mm	inch	mm	inch	
C1060G16	16	133.0	5.24	129.9	5.11	L1
C1060G18	18	149.2	5.87	146.0	5.75	LI
C1060G16+ND	16	133.0	5.24	129.9	5.11	ND
C1060G18+ND	18	149.2	5.87	146.0	5.75	ND

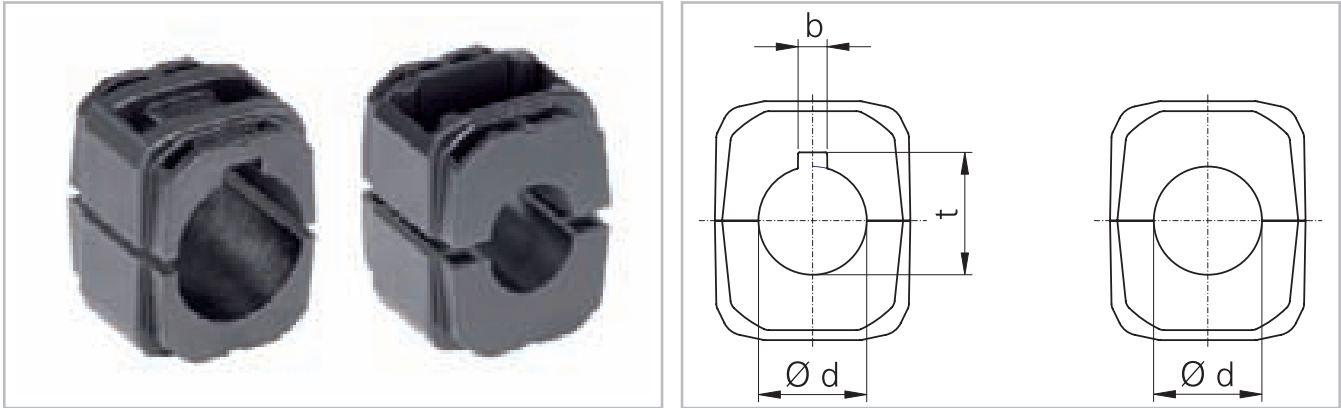
- Included in delivery: 2 sprocket rim halves, 4 screws, 4 self-locking nuts
- Nuts and screws: stainless steel
- Special noise dampening material available: +ND

Related Products

- Multi-Hub Inserts

Description

Multi-Hub Inserts are available with round bore only or with metric keyway according to ISO standard or imperial keyway according to ANSI standard. The keyway version is designed to clamp on standard shafts and is suitable for drive applications with all Multi-Hub Sprocket-Rims. Multi-Hub Inserts with round bore only are designed to spin free on standard shafts. They can be used for Multi-Hub Sprocket-Rims (intended to use as an Idler) and Multi-Hub Idler-Rims.



Sprocket Data

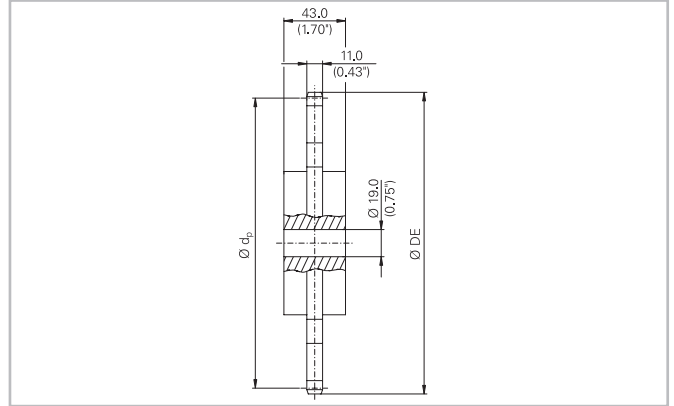
Habasis code	Insert type	Bore size Ø d		b		t		Bore shape	Material
		mm	inch	mm	inch	mm	inch		
H025RZ	Drive	25.0		8.0		28.3		Round with keyway	LI
H030RZ	Drive	30.0		8.0		33.3		Round with keyway	LI
H035RZ	Drive	35.0		10.0		38.3		Round with keyway	LI
H040RZ	Drive	40.0		12.0		43.3		Round with keyway	LI
H100RZ	Drive		1.00		0.25		1.12	Round with keyway	LI
H118RZ	Drive		1.18		0.25		1.31	Round with keyway	LI
H125RZ	Drive		1.25		0.25		1.37	Round with keyway	LI
H144RZ	Drive		1.44		0.38		1.61	Round with keyway	LI
H150RZ	Drive		1.50		0.38		1.67	Round with keyway	LI
H025RL	Idler	25.0						Round	L
H030RL	Idler	30.0						Round	L
H035RL	Idler	35.0						Round	L
H040RL	Idler	40.0						Round	L
H100RL	Idler		1.00					Round	L
H118RL	Idler		1.18					Round	L
H125RL	Idler		1.25					Round	L
H144RL	Idler		1.44					Round	L
H150RL	Idler		1.50					Round	L

HabaCHAIN®

Solid Sprockets - Series 600

Description

Solid sprocket for all 600 series chains. Standard sprocket has a pilot bore. Bore configurations can be machined according to the customer requirements.



Sprocket Data

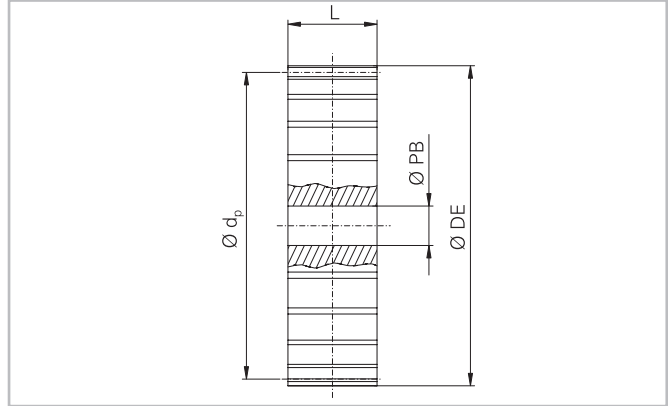
Habasit code	Number of teeth	Ø DE		Diam. of pitch Ø d _p		Material
		mm	inch	mm	inch	
C0600M06NY	6	128.0	5.04	127.0	5.00	NY
C0600M06PE	6	128.0	5.04	127.0	5.00	PE
C0600M06PE+004	6	128.0	5.04	127.0	5.00	PE
C0600M08NY	8	168.9	6.65	165.9	6.53	NY
C0600M08PE	8	168.9	6.65	165.9	6.53	PE
C0600M08PE+004	8	168.9	6.65	165.9	6.53	PE
C0600M10NY	10	210.1	8.29	205.1	8.09	NY
C0600M10PE	10	210.1	8.29	205.1	8.09	PE
C0600M10PE+004	10	210.1	8.29	205.1	8.09	PE
C0600M12NY	12	248.3	9.78	245.3	9.66	NY
C0600M12PE	12	248.3	9.78	245.3	9.66	PE
C0600M12PE+004	12	248.3	9.78	245.3	9.66	PE
C0600M14NY	14	288.4	11.35	285.4	11.24	NY
C0600M14PE	14	288.4	11.35	285.4	11.24	PE
C0600M14PE+004	14	288.4	11.35	285.4	11.24	PE

- Standard material = UHMW-PE

For further information and availability please contact your local Habasit partner.

Description

Solid sprocket for all 810 series chains. Standard sprocket has a pilot bore. Bore configurations can be machined according to the customer requirements.



Sprocket Data

Habasit code	Number of teeth	Ø DE		Diam. of pitch Ø d _p		L		Pilot bore size Ø PB		Material
		mm	inch	mm	inch	mm	inch	mm	inch	
C0810M19CS	19	117.1	4.61	117.4	4.62	43.5	1.71	20.0	0.79	CS
C0810M19SA	19	117.1	4.61	117.4	4.62	43.5	1.71	20.0	0.79	SA
C0810M19NY	19	117.1	4.61	117.4	4.62	42.9	1.69	19.0	0.75	NY
C0810S19PE	19	117.1	4.61	117.4	4.62	42.9	1.69	19.0	0.75	PE
C0810S19PE+004	19	117.1	4.61	117.4	4.62	42.9	1.69	19.0	0.75	PE
C0810M21CS	21	130.1	5.12	129.3	5.09	43.5	1.71	20.0	0.79	CS
C0810M21SA	21	130.1	5.12	129.3	5.09	43.5	1.71	20.0	0.79	SA
C0810M21NY	21	130.1	5.12	129.3	5.09	42.9	1.69	19.0	0.75	NY
C0810S21PE	21	130.1	5.12	129.3	5.09	42.9	1.69	19.0	0.75	PE
C0810S21PE+004	21	130.1	5.12	129.3	5.09	42.9	1.69	19.0	0.75	PE
C0810M23CS	23	142.0	5.59	141.2	5.56	43.5	1.71	20.0	0.79	CS
C0810M23SA	23	142.0	5.59	141.2	5.56	43.5	1.71	20.0	0.79	SA
C0810M23NY	23	142.0	5.59	141.2	5.56	42.9	1.69	19.0	0.75	NY
C0810S23PE	23	142.0	5.59	141.2	5.56	42.9	1.69	19.0	0.75	PE
C0810S23PE+004	23	142.0	5.59	141.2	5.56	42.9	1.69	19.0	0.75	PE
C0810M25CS	25	154.2	6.07	153.2	6.03	43.5	1.71	20.0	0.79	CS
C0810M25SA	25	154.2	6.07	153.2	6.03	43.5	1.71	20.0	0.79	SA
C0810M25NY	25	154.2	6.07	153.2	6.03	42.9	1.69	19.0	0.75	NY
C0810S25PE	25	154.2	6.07	153.2	6.03	42.9	1.69	19.0	0.75	PE
C0810S25PE+004	25	154.2	6.07	153.2	6.03	42.9	1.69	19.0	0.75	PE
C0810M27CS	27	166.6	6.56	165.2	6.50	43.5	1.71	20.0	0.79	CS
C0810M27SA	27	166.6	6.56	165.2	6.50	43.5	1.71	20.0	0.79	SA
C0810M27NY	27	166.6	6.56	165.2	6.50	42.9	1.69	19.0	0.75	NY
C0810S27PE	27	166.6	6.56	165.2	6.50	42.9	1.69	19.0	0.75	PE
C0810S27PE+004	27	166.6	6.56	165.2	6.50	42.9	1.69	19.0	0.75	PE
C0810M31CS	31	191.3	7.53	189.3	7.45	43.5	1.71	20.0	0.79	CS
C0810M31SA	31	191.3	7.53	189.3	7.45	43.5	1.71	20.0	0.79	SA
C0810M31NY	31	191.3	7.53	189.3	7.45	42.9	1.69	19.0	0.75	NY
C0810S31PE	31	191.3	7.53	189.3	7.45	42.9	1.69	19.0	0.75	PE
C0810S31PE+004	31	191.3	7.53	189.3	7.45	42.9	1.69	19.0	0.75	PE

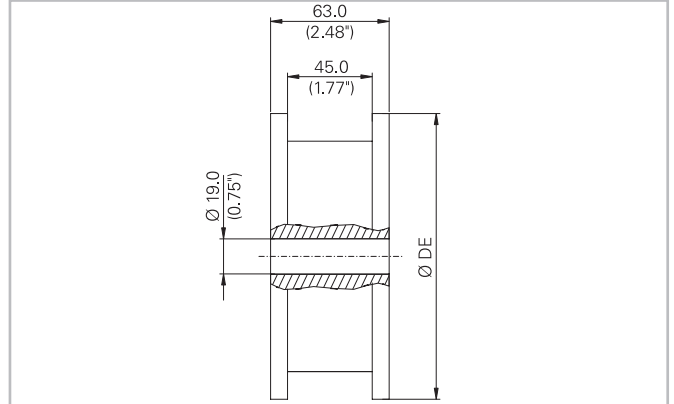
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Solid Idlers - Series 810

Description

Solid idler for all 810, 820, 831, 879B, 880B and 881B series chains. Standard Idler has a pilot bore. Bore configurations can be machined according to the customer requirements.



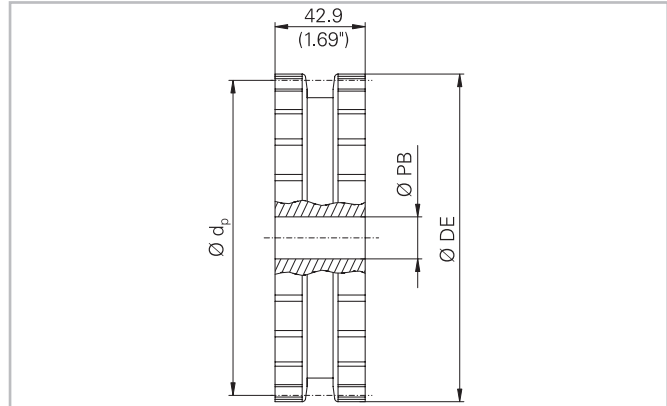
Sprocket Data

Habasit code	Equivalent number of teeth	Ø DE		Material
		mm	inch	
C0810L17PE	17	105.0	4.13	PE
C0810L17PE+004	17	105.0	4.13	PE
C0810L19PE	19	117.1	4.61	PE
C0810L19PE+004	19	117.1	4.61	PE
C0810L21PE	21	130.1	5.12	PE
C0810L21PE+004	21	130.1	5.12	PE
C0810L23PE	23	142.0	5.59	PE
C0810L23PE+004	23	142.0	5.59	PE
C0810L25PE	25	154.2	6.07	PE
C0810L25PE+004	25	154.2	6.07	PE
C0810L27PE	27	166.6	6.56	PE
C0810L27PE+004	27	166.6	6.56	PE
C0810L31PE	31	191.3	7.53	PE
C0810L31PE+004	31	191.3	7.53	PE

For further information and availability please contact your local Habasit partner.

Description

Solid sprocket for all 810, 820 and 831 series chains. Standard sprocket has a pilot bore. Bore configurations can be machined according to the customer requirements.



Sprocket Data

Habasit code	Number of teeth	Ø DE		Diam. of pitch Ø d _p		Pilot bore size Ø PB		Material
		mm	inch	mm	inch	mm	inch	
0820M19CS	19	117.1	4.61	117.4	4.62	20.0	0.79	CS
C0820M19SA	19	117.1	4.61	117.4	4.62	20.0	0.79	SA
C0820M19NY	19	117.1	4.61	117.4	4.62	19.0	0.75	NY
C0820S19PE	19	117.1	4.61	117.4	4.62	19.0	0.75	PE
C0820S19PE+004	19	117.1	4.61	117.4	4.62	19.0	0.75	PE
C0820M21CS	21	130.1	5.12	129.3	5.09	20.0	0.79	CS
C0820M21SA	21	130.1	5.12	129.3	5.09	20.0	0.79	SA
C0820M21NY	21	130.1	5.12	129.3	5.09	19.0	0.75	NY
C0820S21PE	21	130.1	5.12	129.3	5.09	19.0	0.75	PE
C0820S21PE+004	21	130.1	5.12	129.3	5.09	19.0	0.75	PE
C0820M23CS	23	142.0	5.59	141.2	5.56	20.0	0.79	CS
C0820M23SA	23	142.0	5.59	141.2	5.56	20.0	0.79	SA
C0820M23NY	23	142.0	5.59	141.2	5.56	19.0	0.75	NY
C0820S23PE	23	142.0	5.59	141.2	5.56	19.0	0.75	PE
C0820S23PE+004	23	142.0	5.59	141.2	5.56	19.0	0.75	PE
C0820M25CS	25	154.2	6.07	153.2	6.03	20.0	0.79	CS
C0820M25SA	25	154.2	6.07	153.2	6.03	20.0	0.79	SA
C0820M25NY	25	154.2	6.07	153.2	6.03	19.0	0.75	NY
C0820S25PE	25	154.2	6.07	153.2	6.03	19.0	0.75	PE
C0820S25PE+004	25	154.2	6.07	153.2	6.03	19.0	0.75	PE
C0820M27CS	27	154.2	6.07	153.2	6.03	20.0	0.79	CS
C0820M27SA	27	154.2	6.07	153.2	6.03	20.0	0.79	SA
C0820M27NY	27	154.2	6.07	153.2	6.03	19.0	0.75	NY
C0820S27PE	27	154.2	6.07	153.2	6.03	19.0	0.75	PE
C0820S27PE+004	27	154.2	6.07	153.2	6.03	19.0	0.75	PE
C0820M31CS	31	191.3	7.53	189.3	7.45	20.0	0.79	CS
C0820M31SA	31	191.3	7.53	189.3	7.45	20.0	0.79	SA
C0820M31NY	31	191.3	7.53	189.3	7.45	19.0	0.75	NY
C0820S31PE	31	191.3	7.53	189.3	7.45	19.0	0.75	PE
C0820S31PE+004	31	191.3	7.53	189.3	7.45	19.0	0.75	PE

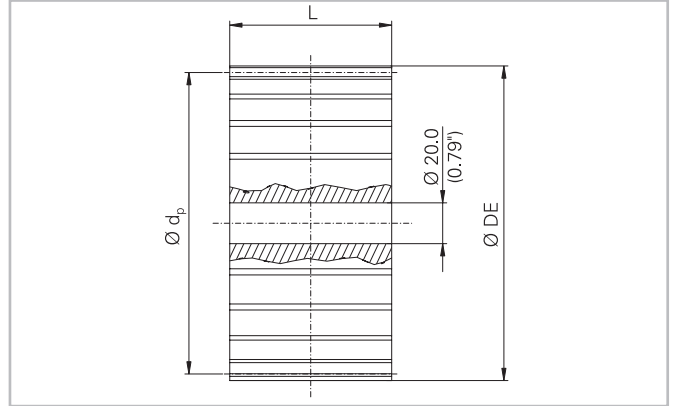
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Solid Sprockets - Series 821

Description

Solid sprocket for all 800 and 821series chains. Standard sprocket has a pilot bore. Bore configurations can be machined according to the customer requirements.



Sprocket Data

Habasit code	Number of teeth	Ø DE		Diam. of pitch Ø d _p		L		Material
		mm	inch	mm	inch	mm	inch	
C0821S19CS	19	117.1	4.61	117.4	4.62	80.0	3.15	CS
C0821S19SA	19	117.1	4.61	117.4	4.62	80.0	3.15	SA
C0821S19NY	19	117.1	4.61	117.4	4.62	79.2	3.12	NY
C0821S19PE	19	117.1	4.61	117.4	4.62	79.2	3.12	PE
C0821S19PE+004	19	117.1	4.61	117.4	4.62	79.2	3.12	PE
C0821S21CS	21	130.1	5.12	129.3	5.09	80.0	3.15	CS
C0821S21SA	21	130.1	5.12	129.3	5.09	80.0	3.15	SA
C0821S21NY	21	130.1	5.12	129.3	5.09	79.2	3.12	NY
C0821S21PE	21	130.1	5.12	129.3	5.09	79.2	3.12	PE
C0821S21PE+004	21	130.1	5.12	129.3	5.09	79.2	3.12	PE
C0821S23CS	23	142.0	5.59	141.2	5.56	80.0	3.15	CS
C0821S23SA	23	142.0	5.59	141.2	5.56	80.0	3.15	SA
C0821M23NY	23	142.0	5.59	141.2	5.56	79.2	3.12	NY
C0821M23PE	23	142.0	5.59	141.2	5.56	79.2	3.12	PE
C0821M23PE+004	23	142.0	5.59	141.2	5.56	79.2	3.12	PE
C0821M25CS	25	154.2	6.07	153.2	6.03	80.0	3.15	CS
C0821M25SA	25	154.2	6.07	153.2	6.03	80.0	3.15	SA
C0821M25NY	25	154.2	6.07	153.2	6.03	79.2	3.12	NY
C0821M25PE	25	154.2	6.07	153.2	6.03	79.2	3.12	PE
C0821M25PE+004	25	154.2	6.07	153.2	6.03	79.2	3.12	PE
C0821M27CS	27	166.6	6.56	165.2	6.50	80.0	3.15	CS
C0821M27SA	27	166.6	6.56	165.2	6.50	80.0	3.15	SA
C0821M27NY	27	166.6	6.56	165.2	6.50	79.2	3.12	NY
C0821M27PE	27	166.6	6.56	165.2	6.50	79.2	3.12	PE
C0821M27PE+004	27	166.6	6.56	165.2	6.50	79.2	3.12	PE
C0821M29CS	29	179.1	7.05	177.3	6.98	80.0	3.15	CS
C0821M29SA	29	179.1	7.05	177.3	6.98	80.0	3.15	SA
C0821M29NY	29	179.1	7.05	177.3	6.98	79.2	3.12	NY
C0821M29PE	29	179.1	7.05	177.3	6.98	79.2	3.12	PE
C0821M29PE+004	29	179.1	7.05	177.3	6.98	79.2	3.12	PE
C0821M31CS	31	191.3	7.53	189.3	7.45	80.0	3.15	CS
C0821M31SA	31	191.3	7.53	189.3	7.45	80.0	3.15	SA
C0821M31NY	31	191.3	7.53	189.3	7.45	79.2	3.12	NY
C0821M31PE	31	191.3	7.53	189.3	7.45	79.2	3.12	PE
C0821M31PE+004	31	191.3	7.53	189.3	7.45	79.2	3.12	PE

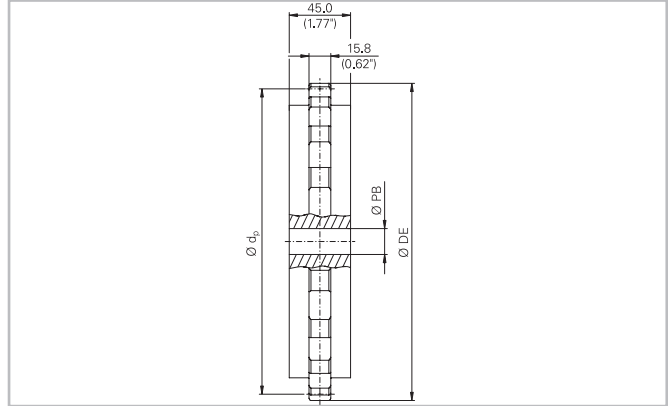
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Solid Sprockets - Series 880

Description

Solid sprocket for all 879, 880 and 890 series chains. Standard sprocket has a pilot bore. Bore configurations can be machined according to the customer requirements.



Sprocket Data

Habasit code	Number of teeth	Ø DE		Diam. of pitch Ø d _p		Pilot bore size Ø PB		Material
		mm	inch	mm	inch	mm	inch	
C0880M09CS	9	112.4	4.43	111.4	4.39	20.0	0.79	CS
C0880M09SA	9	112.4	4.43	111.4	4.39	20.0	0.79	SA
C0880M09NY	9	112.4	4.43	111.4	4.39	19.0	0.75	NY
C0880S09PE	9	112.4	4.43	111.4	4.39	19.0	0.75	PE
C0880S09PE+004	9	112.4	4.43	111.4	4.39	19.0	0.75	PE
C0880M10CS	10	125.0	4.92	123.3	4.85	20.0	0.79	CS
C0880M10SA	10	125.0	4.92	123.3	4.85	20.0	0.79	SA
C0880M10NY	10	125.0	4.92	123.3	4.85	19.0	0.75	NY
C0880S10PE	10	125.0	4.92	123.3	4.85	19.0	0.75	PE
C0880S10PE+004	10	125.0	4.92	123.3	4.85	19.0	0.75	PE
C0880M11CS	11	137.5	5.41	135.2	5.32	20.0	0.79	CS
C0880M11SA	11	137.5	5.41	135.2	5.32	20.0	0.79	SA
C0880M11NY	11	137.5	5.41	135.2	5.32	19.0	0.75	NY
C0880S11PE	11	137.5	5.41	135.2	5.32	19.0	0.75	PE
C0880S11PE+004	11	137.5	5.41	135.2	5.32	19.0	0.75	PE
C0880M12CS	12	149.9	5.90	147.2	5.80	20.0	0.79	CS
C0880M12SA	12	149.9	5.90	147.2	5.80	20.0	0.79	SA
C0880M12NY	12	149.9	5.90	147.2	5.80	19.0	0.75	NY
C0880S12PE	12	149.9	5.90	147.2	5.80	19.0	0.75	PE
C0880S12PE+004	12	149.9	5.90	147.2	5.80	19.0	0.75	PE
C0880M13CS	13	162.3	6.39	159.2	6.27	20.0	0.79	CS
C0880M13SA	13	162.3	6.39	159.2	6.27	20.0	0.79	SA
C0880M13NY	13	162.3	6.39	159.2	6.27	19.0	0.75	NY
C0880S13PE	13	162.3	6.39	159.2	6.27	19.0	0.75	PE
C0880S13PE+004	13	162.3	6.39	159.2	6.27	19.0	0.75	PE
C0880M14CS	14	174.7	6.88	171.2	6.74	20.0	0.79	CS
C0880M14SA	14	174.7	6.88	171.2	6.74	20.0	0.79	SA
C0880M14NY	14	174.7	6.88	171.2	6.74	19.0	0.75	NY
C0880S14PE	14	174.7	6.88	171.2	6.74	19.0	0.75	PE
C0880S14PE+004	14	174.7	6.88	171.2	6.74	19.0	0.75	PE
C0880M15CS	15	186.9	7.36	183.1	7.21	20.0	0.79	CS
C0880M15SA	15	186.9	7.36	183.1	7.21	20.0	0.79	SA
C0880M15NY	15	186.9	7.36	183.1	7.21	19.0	0.75	NY
C0880S15PE	15	186.9	7.36	183.1	7.21	19.0	0.75	PE
C0880S15PE+004	15	186.9	7.36	183.1	7.21	19.0	0.75	PE

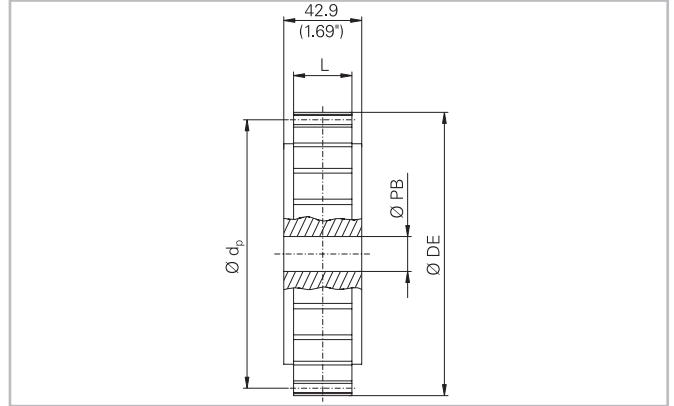
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Solid Sprockets - Series 881

Description

Solid sprocket for all 881 series chains. Standard sprocket has a pilot bore. Bore configurations can be machined according to the customer requirements.



Sprocket Data

Habasit code	Number of teeth	Ø DE		Diam. of pitch Ø d _p		L		Pilot bore size Ø PB		Material
		mm	inch	mm	inch	mm	inch	mm	inch	
C0881M19CS	19	117.1	4.61	117.4	4.62	31.0	1.22	20.0	0.79	CS
C0881M19SA	19	117.1	4.61	117.4	4.62	31.0	1.22	20.0	0.79	SA
C0881M19NY	19	117.1	4.61	117.4	4.62	31.8	1.25	19.0	0.75	NY
C0881S19PE	19	117.1	4.61	117.4	4.62	31.8	1.25	19.0	0.75	PE
C0881S19PE+004	19	117.1	4.61	117.4	4.62	31.8	1.25	19.0	0.75	PE
C0881M21CS	21	130.1	5.12	129.3	5.09	31.0	1.22	20.0	0.79	CS
C0881M21SA	21	130.1	5.12	129.3	5.09	31.0	1.22	20.0	0.79	SA
C0881M21NY	21	130.1	5.12	129.3	5.09	31.8	1.25	19.0	0.75	NY
C0881S21PE	21	130.1	5.12	129.3	5.09	31.8	1.25	19.0	0.75	PE
C0881S21PE+004	21	130.1	5.12	129.3	5.09	31.8	1.25	19.0	0.75	PE
C0881M23CS	23	142.0	5.59	141.2	5.56	31.0	1.22	20.0	0.79	CS
C0881M23SA	23	142.0	5.59	141.2	5.56	31.0	1.22	20.0	0.79	SA
C0881M23NY	23	142.0	5.59	141.2	5.56	31.8	1.25	19.0	0.75	NY
C0881S23PE	23	142.0	5.59	141.2	5.56	31.8	1.25	19.0	0.75	PE
C0881S23PE+004	23	142.0	5.59	141.2	5.56	31.8	1.25	19.0	0.75	PE
C0881M25CS	25	154.2	6.07	153.2	6.03	31.0	1.22	20.0	0.79	CS
C0881M25SA	25	154.2	6.07	153.2	6.03	31.0	1.22	20.0	0.79	SA
C0881M25NY	25	154.2	6.07	153.2	6.03	31.8	1.25	19.0	0.75	NY
C0881S25PE	25	154.2	6.07	153.2	6.03	31.8	1.25	19.0	0.75	PE
C0881S25PE+004	25	154.2	6.07	153.2	6.03	31.8	1.25	19.0	0.75	PE
C0881M27CS	27	166.6	6.56	165.2	6.50	31.0	1.22	20.0	0.79	CS
C0881M27SA	27	166.6	6.56	165.2	6.50	31.0	1.22	20.0	0.79	SA
C0881M27NY	27	166.6	6.56	165.2	6.50	31.8	1.25	19.0	0.75	NY
C0881S27PE	27	166.6	6.56	165.2	6.50	31.8	1.25	19.0	0.75	PE
C0881S27PE+004	27	166.6	6.56	165.2	6.50	31.8	1.25	19.0	0.75	PE
C0881M31CS	31	191.3	7.53	189.3	7.45	31.0	1.22	20.0	0.79	CS
C0881M31SA	31	191.3	7.53	189.3	7.45	31.0	1.22	20.0	0.79	SA
C0881M31NY	31	191.3	7.53	189.3	7.45	31.8	1.25	19.0	0.75	NY
C0881S31PE	31	191.3	7.53	189.3	7.45	31.8	1.25	19.0	0.75	PE
C0881S31PE+004	31	191.3	7.53	189.3	7.45	31.8	1.25	19.0	0.75	PE

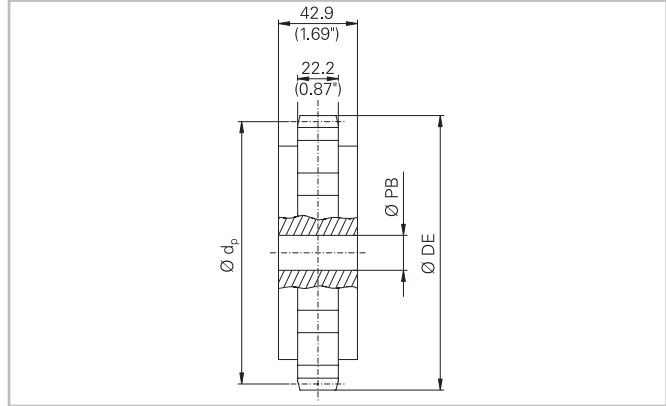
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Solid Sprockets - Series 882

Description

Solid sprockets for all 882 series chains. Standard sprocket has a pilot bore. Bore configurations can be machined according to the customer requirements.



Sprocket Data

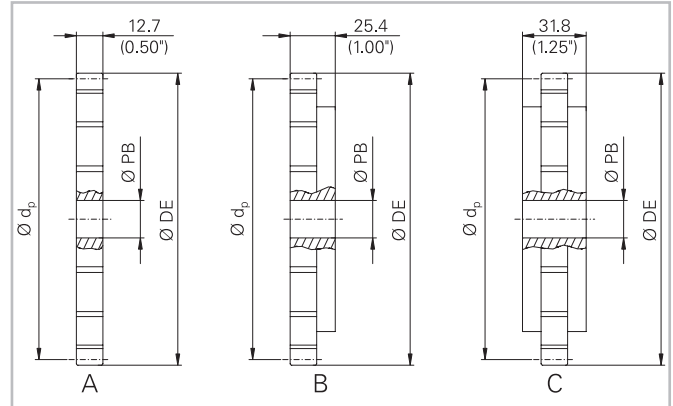
Habisit code	Number of teeth	Ø DE		Diam. of pitch Ø d _p		Pilot bore size Ø PB		Material
		mm	inch	mm	inch	mm	inch	
C0882M09CS	9	112.4	4.43	111.4	4.39	20.0	0.79	CS
C0882M09SA	9	112.4	4.43	111.4	4.39	20.0	0.79	SA
C0882M09NY	9	112.4	4.43	111.4	4.39	19.0	0.75	NY
C0882S09PE	9	112.4	4.43	111.4	4.39	19.0	0.75	PE
C0882S09PE+004	9	112.4	4.43	111.4	4.39	19.0	0.75	PE
C0882M10CS	10	125.0	4.92	123.3	4.85	20.0	0.79	CS
C0882M10SA	10	125.0	4.92	123.3	4.85	20.0	0.79	SA
C0882M10NY	10	125.0	4.92	123.3	4.85	19.0	0.75	NY
C0882S10PE	10	125.0	4.92	123.3	4.85	19.0	0.75	PE
C0882S10PE+004	10	125.0	4.92	123.3	4.85	19.0	0.75	PE
C0882M11CS	11	137.5	5.41	135.2	5.32	20.0	0.79	CS
C0882M11SA	11	137.5	5.41	135.2	5.32	20.0	0.79	SA
C0882M11NY	11	137.5	5.41	135.2	5.32	19.0	0.75	NY
C0882S11PE	11	137.5	5.41	135.2	5.32	19.0	0.75	PE
C0882S11PE+004	11	137.5	5.41	135.2	5.32	19.0	0.75	PE
C0882M12CS	12	149.9	5.90	147.2	5.80	20.0	0.79	CS
C0882M12SA	12	149.9	5.90	147.2	5.80	20.0	0.79	SA
C0882M12NY	12	149.9	5.90	147.2	5.80	19.0	0.75	NY
C0882S12PE	12	149.9	5.90	147.2	5.80	19.0	0.75	PE
C0882S12PE+004	12	149.9	5.90	147.2	5.80	19.0	0.75	PE
C0882M13CS	13	162.3	6.39	159.2	6.27	20.0	0.79	CS
C0882M13SA	13	162.3	6.39	159.2	6.27	20.0	0.79	SA
C0882M13NY	13	162.3	6.39	159.2	6.27	19.0	0.75	NY
C0882S13PE	13	162.3	6.39	159.2	6.27	19.0	0.75	PE
C0882S13PE+004	13	162.3	6.39	159.2	6.27	19.0	0.75	PE
C0882M14CS	14	174.7	6.88	171.2	6.74	20.0	0.79	CS
C0882M14SA	14	174.7	6.88	171.2	6.74	20.0	0.79	SA
C0882M14NY	14	174.7	6.88	171.2	6.74	19.0	0.75	NY
C0882S14PE	14	174.7	6.88	171.2	6.74	19.0	0.75	PE
C0882S14PE+004	14	174.7	6.88	171.2	6.74	19.0	0.75	PE
C0882M15CS	15	186.9	7.36	183.1	7.21	20.0	0.79	CS
C0882M15SA	15	186.9	7.36	183.1	7.21	20.0	0.79	SA
C0882M15NY	15	186.9	7.36	183.1	7.21	19.0	0.75	NY
C0882S15PE	15	186.9	7.36	183.1	7.21	19.0	0.75	PE
C0882S15PE+004	15	186.9	7.36	183.1	7.21	19.0	0.75	PE

For further information and availability please contact your local Habisit partner.

HabaCHAIN® Solid Sprockets - Series 1100

Description

Solid sprocket for all 1100 series chains. Standard sprocket has a pilot bore. Bore configurations can be machined according to the customer requirements.



Sprocket Data

Habasit code	Number of teeth	Diam. of pitch Ø d _p		Available hub type			Material
		mm	inch				
C1100M07NY	7	59.0	2.32	A	B	C	NY
C1100M07PE	7	59.0	2.32	A	B	C	PE
C1100M07PE+004	7	59.0	2.32	A	B	C	PE
C1100M09NY	9	74.0	2.91	A	B	C	NY
C1100M09PE	9	74.0	2.91	A	B	C	PE
C1100M09PE+004	9	74.0	2.91	A	B	C	PE
C1100M10NY	10	82.0	3.23	A	B	C	NY
C1100M10PE	10	82.0	3.23	A	B	C	PE
C1100M10PE+004	10	82.0	3.23	A	B	C	PE
C1100M11NY	11	90.0	3.54	A	B	C	NY
C1100M11PE	11	90.0	3.54	A	B	C	PE
C1100M11PE+004	11	90.0	3.54	A	B	C	PE
C1100M12NY	12	98.0	3.86	A	B	C	NY
C1100M12PE	12	98.0	3.86	A	B	C	PE
C1100M12PE+004	12	98.0	3.86	A	B	C	PE
C1100M14NY	14	114.0	4.49	A	B	C	NY
C1100M14PE	14	114.0	4.49	A	B	C	PE
C1100M14PE+004	14	114.0	4.49	A	B	C	PE
C1100M15NY	15	122.0	4.80	A	B	C	NY
C1100M15PE	15	122.0	4.80	A	B	C	PE
C1100M15PE+004	15	122.0	4.80	A	B	C	PE
C1100M16NY	16	130.0	5.12	A	B	C	NY
C1100M16PE	16	130.0	5.12	A	B	C	PE
C1100M16PE+004	16	130.0	5.12	A	B	C	PE
C1100M17NY	17	138.0	5.43	A	B	C	NY
C1100M17PE	17	138.0	5.43	A	B	C	PE
C1100M17PE+004	17	138.0	5.43	A	B	C	PE
C1100M19NY	19	154.0	6.06	A	B	C	NY
C1100M19PE	19	154.0	6.06	A	B	C	PE
C1100M19PE+004	19	154.0	6.06	A	B	C	PE

- To choose the suitable hub type, see Nomenclature
- Standard material = UHMW-PE

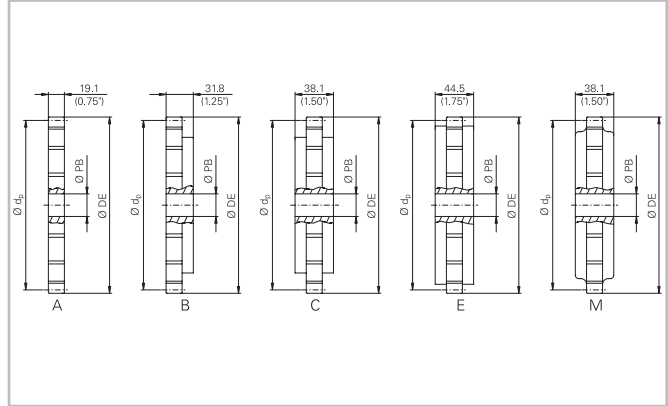
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Solid Sprockets - Series 1150

Description

Solid sprocket for all 1150 series chains. Standard sprocket has a pilot bore. Bore configurations can be machined according to the customer requirements.



Sprocket Data

Habasit code	Number of teeth	Diam. of pitch $\varnothing d_p$		Available hub type					Material
		mm	inch						
C1150M07NY	7	88.0	3.46	A	B	C	E		NY
C1150M07PE	7	88.0	3.46	A	B	C	E		PE
C1150M07PE+004	7	88.0	3.46	A	B	C	E		PE
C1150M09NY	9	112.0	4.41	A	B	C	E		NY
C1150M09PE	9	112.0	4.41	A	B	C	E		PE
C1150M09PE+004	9	112.0	4.41	A	B	C	E		PE
C1150M10NY	10	123.0	4.84	A	B	C	E		NY
C1150M10PE	10	123.0	4.84	A	B	C	E		PE
C1150M10PE+004	10	123.0	4.84	A	B	C	E		PE
C1150M12NY	12	147.0	5.79					M	NY
C1150M12PE	12	147.0	5.79					M	PE
C1150M12PE+004	12	147.0	5.79					M	PE
C1150M14NY	14	159.0	6.26	A	B	C	E		NY
C1150M14PE	14	159.0	6.26	A	B	C	E		PE
C1150M14PE+004	14	159.0	6.26	A	B	C	E		PE
C1150M15NY	15	183.0	7.20	A	B	C	E		NY
C1150M15PE	15	183.0	7.20	A	B	C	E		PE
C1150M15PE+004	15	183.0	7.20	A	B	C	E		PE
C1150M16NY	16	195.0	7.68	A	B	C	E		NY
C1150M16PE	16	195.0	7.68	A	B	C	E		PE
C1150M16PE+004	16	195.0	7.68	A	B	C	E		PE
C1150M17NY	17	207.0	8.15	A	B	C	E		NY
C1150M17PE	17	207.0	8.15	A	B	C	E		PE
C1150M17PE+004	17	207.0	8.15	A	B	C	E		PE

- To choose the suitable hub type, see Nomenclature
- Standard material = UHMW-PE

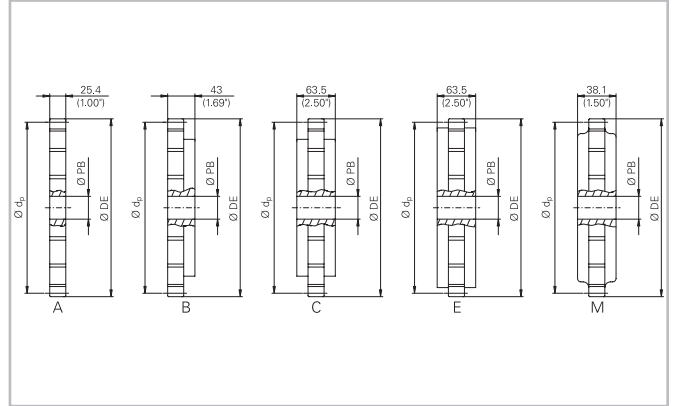
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Solid Sprockets - Series 1200

Description

Solid sprocket for all 1200 and 3200 series chains. Standard sprocket has a pilot bore. Bore configurations can be machined according to the customer requirements.



Sprocket Data

Habasit code	Number of teeth	Diam. of pitch $\varnothing d_p$		Available hub type					Pilot bore size $\varnothing PB$		Material
		mm	inch						mm	inch	
C1200M08NY	8	133.0	5.24	A	B	C	E		19.0	0.75	NY
C1200M08PE	8	133.0	5.24	A	B	C	E		19.0	0.75	PE
C1200M08PE+004	8	133.0	5.24	A	B	C	E		19.0	0.75	PE
C1200S08PE	8	133.0	5.24					M			PE
C1200S08PE+004	8	133.0	5.24					M			PE
C1200S08NY	8	133.0	5.24					M			NY
C1200M12NY	12	196.0	7.72	A	B	C	E		19.0	0.75	NY
C1200M12PE	12	196.0	7.72	A	B	C	E		19.0	0.75	PE
C1200M12PE+004	12	196.0	7.72	A	B	C	E		19.0	0.75	PE
C1200S12NY	12	196.0	7.72					M			NY
C1200S12PE	12	196.0	7.72					M			PE
C1200S12PE+004	12	196.0	7.72					M			PE
C1200M15NY	15	244.0	9.61	A	B	C	E		19.0	0.75	NY
C1200M15PE	15	244.0	9.61	A	B	C	E		19.0	0.75	PE
C1200M15PE+004	15	244.0	9.61	A	B	C	E		19.0	0.75	PE
C1200S17NY	17	277.0	10.91					M	19.0	0.75	NY
C1200S17PE	17	277.0	10.91					M	19.0	0.75	PE
C1200S17PE+004	17	277.0	10.91					M	19.0	0.75	PE

- To choose the suitable hub type, see Nomenclature
- Standard material = UHMW-PE
- Split sprockets are available

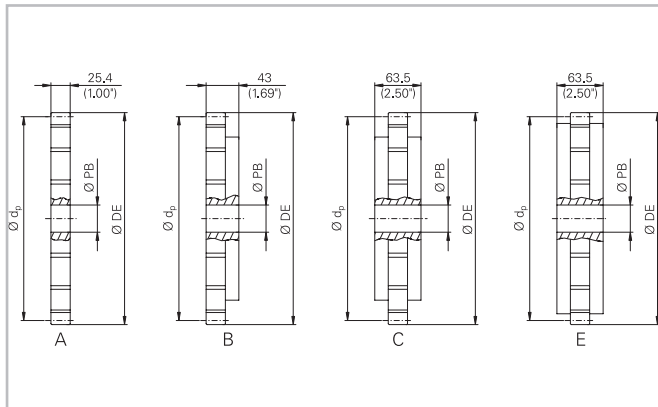
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Solid Sprockets - Series 1250

Description

Solid sprocket for all 1250 series chains. Standard sprocket has a pilot bore. Bore configurations can be machined according to the customer requirements.



Sprocket Data

Habasit code	Number of teeth	Diam. of pitch $\varnothing d_p$		Available hub type				Material
		mm	inch					
C1250M08NY	8	166.0	6.54	A	B	C	E	NY
C1250M08PE	8	166.0	6.54	A	B	C	E	PE
C1250M08PE+004	8	166.0	6.54	A	B	C	E	PE
C1250M12NY	12	245.0	9.65	A	B	C	E	NY
C1250M12PE	12	245.0	9.65	A	B	C	E	PE
C1250M12PE+004	12	245.0	9.65	A	B	C	E	PE
C1250M15NY	15	306.0	12.05	A	B	C	E	NY
C1250M15PE	15	306.0	12.05	A	B	C	E	PE
C1250M15PE+004	15	306.0	12.05	A	B	C	E	PE
C1250M17NY	17	346.0	13.62	A	B	C	E	NY
C1250M17PE	17	346.0	13.62	A	B	C	E	PE
C1250M17PE+004	17	346.0	13.62	A	B	C	E	PE

- To choose the suitable hub type, see Nomenclature
- Standard material = UHMW-PE

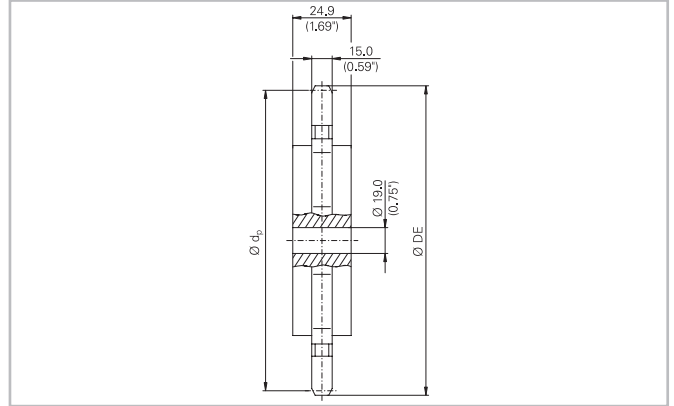
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Solid Sprockets - Series 1400

Description

Solid sprocket for all 1400 series chains. Standard sprocket has a pilot bore. Bore configurations can be machined according to the customer requirements.



Sprocket Data

Habasit code	Number of teeth	Ø DE		Diam. of pitch Ø d _p		Material
		mm	inch	mm	inch	
C1400M06NY	6	177.0	6.97	165.0	6.50	NY
C1400M06PE	6	177.0	6.97	165.0	6.50	PE
C1400M06PE+004	6	177.0	6.97	165.0	6.50	PE
C1400M08NY	8	227.6	8.96	215.6	8.49	NY
C1400M08PE	8	227.6	8.96	215.6	8.49	PE
C1400M08PE+004	8	227.6	8.96	215.6	8.49	PE
C1400M10NY	10	279.0	10.98	267.0	10.51	NY
C1400M10PE	10	279.0	10.98	267.0	10.51	PE
C1400M10PE+004	10	279.0	10.98	267.0	10.51	PE

- Standard material = UHMW-PE

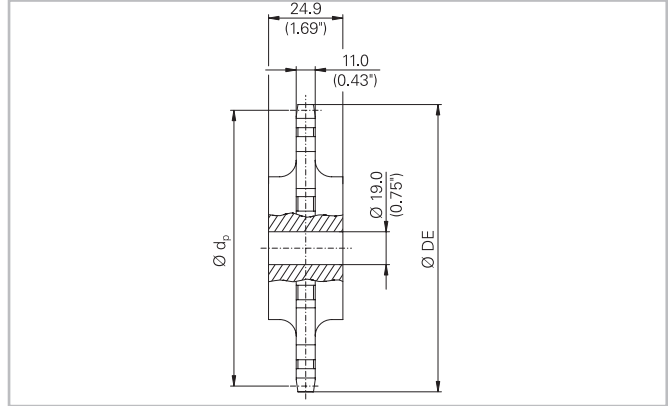
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Solid Sprockets - Series 1700

Description

Solid sprocket for all 1700 series chains. Standard sprocket has a pilot bore. Bore configurations can be machined according to the customer requirements.



Sprocket Data

Habasit code	Number of teeth	Ø DE		Diam. of pitch Ø d _p		Material
		mm	inch	mm	inch	
C1700M08NY	8	133.0	5.24	130.6	5.14	NY
C1700M08PE	8	133.0	5.24	130.6	5.14	PE
C1700M08PE+004	8	133.0	5.24	130.6	5.14	PE
C1700M10NY	10	166.1	6.54	161.8	6.37	NY
C1700M10PE	10	166.1	6.54	161.8	6.37	PE
C1700M10PE+004	10	166.1	6.54	161.8	6.37	PE
C1700M12NY	12	196.0	7.72	193.2	7.61	NY
C1700M12PE	12	196.0	7.72	193.2	7.61	PE
C1700M12PE+004	12	196.0	7.72	193.2	7.61	PE
C1700M13NY	13	214.0	8.43	208.9	8.22	NY
C1700M13PE	13	214.0	8.43	208.9	8.22	PE
C1700M13PE+004	13	214.0	8.43	208.9	8.22	PE

- Standard material = UHMW-PE

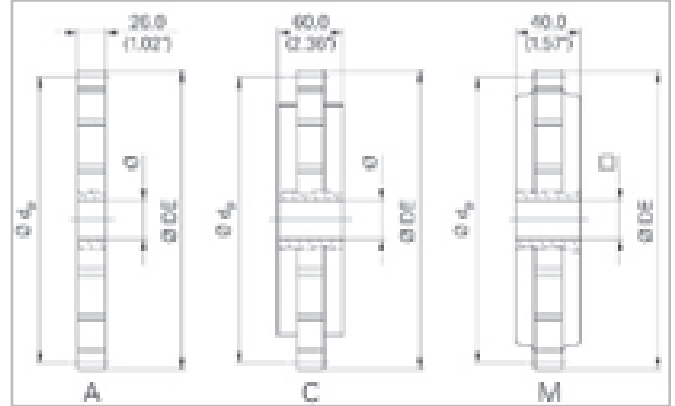
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Solid Sprockets - Series 3200

Description

Solid sprocket for all 3200 and 1200 series chains. Standard sprocket has a pilot bore. Bore configurations can be machined according to the customer requirements.



Sprocket Data

Habasit code	Number of teeth	Diam. of pitch Ø d _p		Available hub type			Material
		mm	inch				
C3200M08NY	8	132.2	5.21	A	C		NY
C3200M08PE	8	132.2	5.21	A	C		PE
C3200M08PE+004	8	132.2	5.21	A	C		PE
C3200Z08NY	8	132.2	5.21	A	C		NY
C3200Z08PE	8	132.2	5.21	A	C		PE
C3200Z08PE+004	8	132.2	5.21	A	C		PE
C3200M10NY	10	163.8	6.45	A	C		NY
C3200M10PE	10	163.8	6.45	A	C		PE
C3200M10PE+004	10	163.8	6.45	A	C		PE
C3200M12NY	12	195.5	7.70	A	C		NY
C3200M12PE	12	195.5	7.70	A	C		PE
C3200M12PE+004	12	195.5	7.70	A	C		PE
C3200S12NY	12	195.5	7.70			M	NY
C3200S12PE	12	195.5	7.70			M	PE
C3200S12PE+004	12	195.5	7.70			M	PE
C3200M15NY	15	243.4	9.58	A	C		NY
C3200M15PE	15	243.4	9.58	A	C		PE
C3200M15PE+004	15	243.4	9.58	A	C		PE
C3200M17NY	17	275.4	10.84	A	C		NY
C3200M17PE	17	275.4	10.84	A	C		PE
C3200M17PE+004	17	275.4	10.84	A	C		PE
C3200M19NY	19	307.5	12.11	A	C		NY
C3200M19PE	19	307.5	12.11	A	C		PE
C3200M19PE+004	19	307.5	12.11	A	C		PE

- Available bore sizes:

Round [mm] 25, 30, 35, 40, 50, 60

Round [inch] 1, 1 3/16, 1 1/4, 1 1/2, 2, 2 1/2

Square [mm] 25, 40, 50, 60

Square [inch] 1, 1 1/2, 2, 2 1/2

split sprocket C3200Z08 - not available with square bore 60 mm and 2 1/2 inch

molded sprocket C3200S12 - only available with square bore 40 mm and 1 1/2 inch

- To choose the suitable hub type, see Nomenclature

- Standard material = UHMW-PE

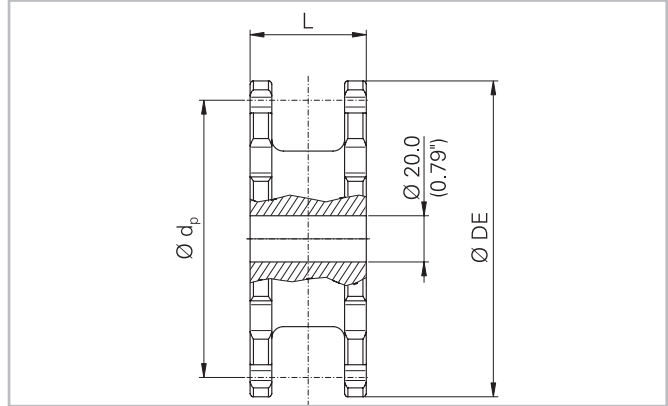
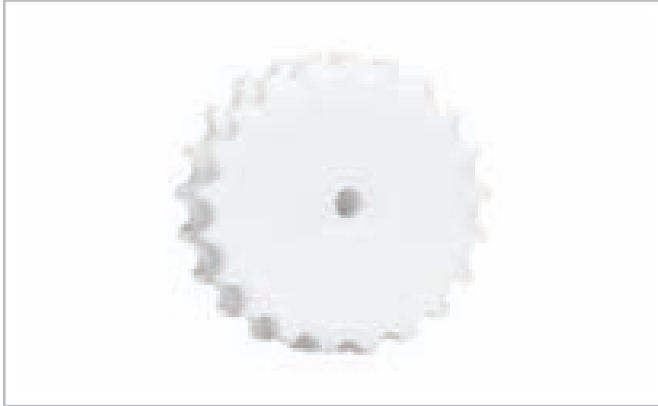
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Solid Sprockets - Series 7100

Description

Solid sprocket for 7100 series chains. Standard Sprocket has a pilot bore. Bore configurations can be machined according to the customer requirements.



Sprocket Data

Habasit code	Number of teeth	Ø DE		Diam. of pitch Ø d _p		L		Material
		mm	inch	mm	inch	mm	inch	
C7100M16NY248	16	132.7	5.22	133.3	5.25	38.0	1.50	NY
C7100M16PE248	16	132.7	5.22	133.3	5.25	38.0	1.50	PE
C7100M12NY325	12	138.3	5.44	131.8	5.19	50.3	1.98	NY
C7100M12PE325	12	138.3	5.44	131.8	5.19	50.3	1.98	PE
C7100M12NY405	12	145.5	5.73	137.2	5.40	65.0	2.56	NY
C7100M12PE405	12	145.5	5.73	137.2	5.40	65.0	2.56	PE

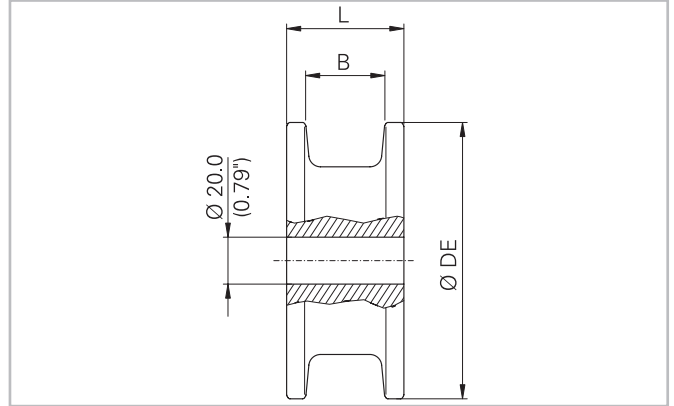
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Solid Idlers - Series 7100

Description

Solid idler for all 7100 series chains. Standard Idler has a pilot bore. Bore configurations can be machined according to the customer requirements.



Sprocket Data

Habasit code	Number of teeth	Ø DE		L		B		Material
		mm	inch	mm	inch	mm	inch	
C7100L16NY248	16	119.5	4.70	38.0	1.50	25.0	0.98	NY
C7100L16PE248	16	119.5	4.70	38.0	1.50	25.0	0.98	PE
C7100L12NY325	12	117.8	4.64	50.0	1.97	33.8	1.33	NY
C7100L12PE325	12	117.8	4.64	50.0	1.97	33.8	1.33	PE
C7100L12NY405	12	123.0	4.84	65.0	2.56	49.0	1.93	NY
C7100L12PE405	12	123.0	4.84	65.0	2.56	49.0	1.93	PE

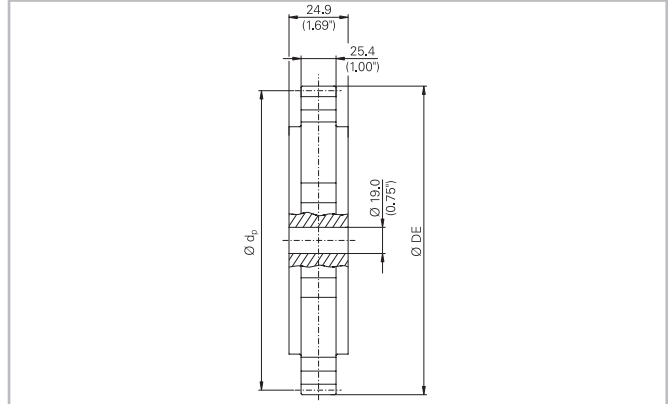
For further information and availability please contact your local Habasit partner.

HabaCHAIN®

Solid Sprockets - Series NH78

Description

Solid sprocket for NH78 series chains. Standard sprocket has a pilot bore. Bore configurations can be machined according to the customer requirements.



Sprocket Data

Habasit code	Number of teeth	Ø DE		Diam. of pitch Ø d _p		Material
		mm	inch	mm	inch	
CNH78M06NY	6	142.5	5.61	132.5	5.22	NY
CNH78M06PE	6	142.5	5.61	132.5	5.22	PE
CNH78M06PE+004	6	142.5	5.61	132.5	5.22	PE
CNH78M08NY	8	183.2	7.21	173.2	6.82	NY
CNH78M08PE	8	183.2	7.21	173.2	6.82	PE
CNH78M08PE+004	8	183.2	7.21	173.2	6.82	PE
CNH78M10NY	10	224.4	8.83	214.4	8.44	NY
CNH78M10PE	10	224.4	8.83	214.4	8.44	PE
CNH78M10PE+004	10	224.4	8.83	214.4	8.44	PE

- Standard material = UHMW-PE

For further information and availability please contact your local Habasit partner.

Appendix

Chemical Resistance - Plastics

The data presented in the following table is based on information provided by the raw material manufacturers and suppliers. It does not replace the need to test the products for your application. In individual cases, the stability of the material in the medium in question must be examined.

Code: ■ = good resistance ▼ = limited use □ = not recommended

Materials	PP		PE		DP-LF-PT-TS- PK-AS-EC- MD-MG		WR-WK-INY- HT		ND		G		FR-NG	
	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)
Acetic Acid > 5 %	■	■	■	▼	▼	□	□	□	□	□	□	□	▼	□
Acetic Acid – 5 %	■	■	■	■	■	□	▼	□	□	□	□	□	■	▼
Acetone	■	■	■	■	▼	▼	■	■	□	□	□	□	▼	□
Alcohol – all types	■	■	■	■	■	▼	■	■	□	□	▼	□	■	▼
Aluminum Comp.	■	■	■	■	■	■	■	■	□	□	□	□	□	□
Ammonia	■	■	■	■	■	■	■	■	■	■	□	□	▼	□
Ammonium Comp.	■	■	■	■	■	■	■	■	□	□	□	□	▼	□
Aniline	■	■	■	□	□	▼	□	□	□	□	□	□	▼	□
Aqua Regia	□	□	▼	□	□	□	□	□	□	□	□	□	□	□
Arsenic Acid	■	■	■	■	■	■	■	■	□	□	□	□	□	□
Barium Comp.	■	■	■	■	■	■	■	■	□	□	□	□	□	□
Beer	■	■	■	■	■	■	■	■	■	■	□	□	□	□
Benzene	▼	□	▼	□	▼	▼	■	■	□	□	□	□	▼	□
Benzenesulfonic Acid – 10 %	■	■	■	■	■	■	■	■	□	□	□	□	□	□
Benzoic Acid	■	■	■	■	■	■	▼	▼	■	■	□	□	□	□
Beverages (soft drinks)	■	■	■	■	■	■	■	■	□	□	□	□	□	□
Borax	■	■	■	■	■	■	■	■	□	□	□	□	□	□
Boric Acid	■	■	■	■	■	■	■	■	□	□	□	□	□	□
Brine – 10 %	■	■	■	■	■	■	■	■	□	□	□	□	□	□
Butyl Acrylate	□	□	■	▼	□	□	□	□	□	□	□	□	■	▼
Butyric Acid	■	■	■	▼	□	□	■	■	■	□	□	□	□	□
Carbon Dioxide	■	■	■	■	■	■	■	■	□	□	□	□	■	■
Carbon Disulfide	▼	□	▼	□	□	□	■	■	□	□	□	□	□	□
Carbon Tetrachloride	▼	□	▼	□	■	▼	■	■	□	□	□	□	□	□
Chloroacetic Acid	■	■	■	■	■	■	□	□	□	□	□	□	□	□
Chlorine – Gas	□	□	▼	□	□	□	□	□	□	□	□	□	□	□
Chlorine – Liquid	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Chlorine Water (0.4% Cl)	■	▼	■	▼	□	□	□	□	□	□	□	□	□	□
Chlorobenzene	□	□	▼	□	▼	▼	■	■	□	□	□	□	□	□
Chloroform	□	□	□	□	□	□	▼	□	□	□	□	□	□	□
Chromic Acid – 50 %	■	■	■	▼	□	□	▼	□	▼	□	□	□	□	□
Chromic Acid – 3 %	■	■	■	■	▼	▼	□	□	□	□	□	□	■	■
Citric Acid – 40 %	■	■	■	■	■	□	■	■	■	□	□	□	□	□

Appendix

Chemical Resistance - Plastics

Code: ■ = good resistance ▼ = limited use □ = not recommended

Materials	PP		PE		DP-LF-PT-TS- PK-AS-EC- MD-MG		WR-WK-IV- HT		ND		G		FR-NG	
	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)
Citric Acid – 10 %	■	■	■	■	■		■	■	■				■	▼
Citrus Juices	■	■	■	■	■		■	■					■	
Coconut Oil	■	■	■	■	■	■	■		■				■	■
Copper Comp.	■	■	■	■			▼							
Corn Oil	■	■	■	■	■	■	■						■	■
Cottonseed Oil	■	■	■	■	■	■	■		■				■	■
Cresol	■	■	■	▼			□	□	□					
Cyclohexane	■	▼	□	□			■		▼					
Cyclohexanol	■	▼	▼	□			■		□					
Cyclohexanone	■	▼	□	□			■		□					
Detergents	■	■	■	■	■	■	■		■		■		■	■
Dextrin	■	■	■	■										
Dibutyl Phthalate	■	▼					■	■						
Diethyl Ether	□	□	□	□	▼	▼	■	■					■	▼
Diethylamine	■	■		□										
Diglycolic Acid – 30 %	■	■	■	■										
Diisooctyl Phthalate	■	■												
Dimethyl Phthalate	■	■												
Dimethylamine	■						■	■						
Diocetyl Phthalate	■	▼					■	■						
Ethyl Acetate	■	■	▼	▼	▼	□	■	■	□		□		▼	□
Ethyl Ether	▼	▼							□					
Ethylamine	■	■												
Ethylene Glycol – 50 %	■	■	■	■	■	▼	■	▼					■	▼
Ferric/Ferrous Comp.	■	■	■	■	▼	□								
Formaldehyde – 37%	■	■	■	▼	■	■			□		▼			
Formic Acid – 85 %	■	▼	■	■			▼	□	□		□		▼	□
Freon			■	■	▼	▼								
Fuel Oil # 2	■	▼	■	□	▼	▼	■	■	■		□		■	■
Fruit Juices	■	■	■	■	■		■		■				■	
Furfural	▼	▼	▼	□			■							
Gasoline	▼	□	■	□	■	■	■	■						
Glucose	■	■	■	■	■	■			■					
Glycerol	■	■					■	■	▼		▼		■	■
Heptane	□	□	▼	□	■	■	■	■	■				■	■
Hexane	■	▼	□	□	■		■	■	■				■	■
Hydrobromic Acid – 50 %	■	■	■	■			□	□						

Appendix

Chemical Resistance - Plastics

Code: ■ = good resistance ▼ = limited use □ = not recommended

Materials	PP		PE		DP-LF-PT-TS- PK-AS-EC- MD-MG		WR-WK-NY- HT		ND		G		FR-NG	
	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)
Hydrochloric Acid – 35 %	■	■	■	■	□	□	□	□	▼					
Hydrochloric Acid – 10 %	■	■	■	■	□	□	□	□	▼		▼		■	□
Hydrofluoric Acid – 35 %	■	■	■	■	□	□	□	□	□				□	
Hydrogen Peroxide – 3 %	■	■	■	■	■	■	▼	▼	▼		■		■	▼
Hydrogen Peroxide – 90 %	▼	▼	■	▼	▼	□	□	□	□				■	□
Hydrogen Sulfide	■	■	■	■			■	■						
Igepal – 50%	■	■			■	▼								
Iodine – Crystals	■	■	▼	▼	□	□	□	□	□					
Isooctane	□	□	■				■	■	■				■	■
Isopropyl Alcohol	■	■	■	■	■	■	■	■	□		▼		■	▼
Jet Fuel	▼	□	▼	▼	■	■	■	■			□		■	■
Kerosene	▼	□	▼	▼	■	■			■		□			
Lactic Acid	■	■	■	■			▼	□						
Lanolin	■	▼	■	■										
Lauric Acid	■	■	■	■										
Lead Acetate	■	■	■	■			■	■						
Linseed Oil	■	■	■	■	■	■	■	■	■				■	■
Lubricating Oil	■	▼			■	■	■	▼	■		□		■	■
Magnesium Comp.	■	■	■	■			■	■						
Malic Acid – 50 %	■	■	■	■			■	■						
Manganese Sulfate	■		■	■			▼	▼						
Margarine	■	■	■	■										
Mercury	■	■	■	■			■						■	
Methyl Chloride	▼	▼					■	■					□	
Methyl Ethyl Ketone	■	▼	□	□	▼	▼	■		□		□		□	□
Methyl Isobut. Ketone	■	▼	□	□	▼	▼	■		□		□		□	□
Methyl Isobut. Ketone	■	▼												
Methylsulfuric Acid	■	■	■	■										
Methylene Chloride	▼	□	□	□			▼	▼	□		□			
Milk	■	■	■	■	■	■	■	■	■					
Mineral Oil	▼	□	■	▼	■	■	■		■		□		■	■
Mineral Spirits	▼	□									□		■	■
Molasses	■	■	■	■			■	■						
Motor Oil	■	▼			■	■	■	■	■		□		■	■
Naphtha	■	▼	▼	□			■	■						
Nitric Acid – 30 %	■	▼	■	■	□	□	□	□	▼				□	
Nitric Acid – 50 %	▼	□	■	▼	□	□	□	□	▼				□	

Appendix

Chemical Resistance - Plastics

Code: ■ = good resistance ▼ = limited use □ = not recommended

Materials	PP		PE		DP-LF-PT-TS- PK-AS-EC- MD-MG		WR-WK-IV- HT		ND		G		FR-NG	
	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)
Nitrobenzene	■	▼	□	□			▼							
Nitrous Acid	■													
Nitrous Oxide	■													
Oleic Acid	■	□			■	■	■	■						
Olive Oil	■	■	■	■					■		□		■	■
Oxalic Acid	■	■	■	■					■					
Ozone	▼	▼	▼	□	□	□	▼	▼	■					
Palmitic Acid – 70 %	■	■	■	■			■							
Paraffin	■	■	■	■	■	■	■	■	■		▼			
Peanut Oil	■	■					■		■		□			
Perchloric Acid – 20 %	■	■	■	■										
Perchloroethylene	□	□	□	□			▼	□					■	□
Pathalic Acid – 50 %	■	■	■	■										
Phenol	■	■	■	■	□	□	□	□	□					
Phenol – 5 %	■	■	■	■	□	□	□	□					▼	□
Phosphoric Acid – 30 %	■	■	■	■	▼	□	□	□					■	□
Phosphoric Acid – 85 %	■	■	■	■	□	□	□	□					■	□
Photographic Solutions	■	■	■	■			■							
Plating Solutions	■	■	■	■										
Potassium Comp.	■	■	■	■	■	■	▼		■				■	■
Potassium Hydroxide	■	■	■	■	■	■	▼						□	
Potassium Iodide (3 % Iodine)	■	■	■	■										
Potassium Permanganate	■	▼	■	■			□	□						
Silver Cyanide	■	■												
Silver Nitrate	■	■	■	■										
Sodium Comp.	■	■	■	■										
Sodium Chlorite	■	▼	■	■			□	□						
Sodium Hydroxide – 60 %	■	■	■	■	■	■	□	□	▼		▼		□	
Sodium Hypochlorite – 5 %	■	▼	■	▼	□	□	▼						■	▼
Stearic Acid	■	▼	■	■	▼		■	■						
Sulfamic Acid – 20 %	■	■			□	□								
Sulfate Liquors	■	■												
Sulfur	■	■	■	■			■	■						
Sulfur Chloride	■													
Sulfur Dioxide	■	■	■	■	□	□	▼	▼						
Sulfuric Acid – 10 %	■	■	■	■	■	□	□	□	▼		■		■	■
Sulfuric Acid – 50 %	■	■	■	■	□	□	□	□	▼		■		▼	

Appendix

Chemical Resistance - Plastics

Code: ■ = good resistance ▼ = limited use □ = not recommended

Materials	PP		PE		DP-LF-PT-TS- PK-AS-EC- MD-MG		WR-WK-NY- HT		ND		G		FR-NG	
	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)
Sulfuric Acid – 70 %	■	▼	■	▼	□	□	□	□	▼				□	
Sulfurous Acid	■		■	■			▼	▼						
Tannic Acid – 10 %	■	■	■	■										
Tartaric Acid	■	■	■	■			■	▼	■					
Tetrahydrofuran	▼	□			▼	▼	■							
Toluene	□	□	□	□	▼	□	■	■	▼				■	□
Transformer Oil	■	▼	■	▼			■	■	■		□			
Tributyl Phosphate	■	▼												
Trichloroacetic Acid	■	■	▼				□	□						
Trichloroethylene	□	□	□	□	▼	▼	▼	□	□				▼	□
Tricresyl Phosphate	■	▼												
Trisodium Phosphate	■	■	■	■										
Turpentine	▼	□	■	□	■		■	■	▼				■	■
Urea	■	■	■	■	■		■	■	■				■	
Vinegar	■	■	■	■	■	■	■	■	▼					
Wine	■	■	■	■	■	■	■							
Xylene	□	□	□	□	■	■	■	■	▼				▼	□

The data in this table is taken from laboratory tests, performed on unstrained test samples. It should be considered as purely indicative, since material behavior under real working conditions depends on different factors, including: temperature, concentration of the chemical agent, and speed or long-lasting effect of the chemical agent. With thermoplastic products, do not use cleaning or lubricating agents with pH values below 4 or above 10.

Appendix

Chemical Resistance - Steel

Code: ■ = good resistance ▼ = limited use □ = not recommended

Materials	SS		SH		SA		IN		Materials	SS		SH		SA		IN	
	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)		20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)	20°C (70°F)	60°C (140°F)
Acetic Acid > 5 %	□		■	■					Linseed Oil			■	■				
Acetic Acid – 5 %	□		■	■					Magnesium Comp.			▼	□				
Acetone	■		■	■					Malic Acid – 50 %			■	■				
Alcohol – all types	■		■	■					Margarine			■	■				
Aluminum Comp.			□	□					Mercury	▼		■	■				
Ammonia	■		■	■					Methyl Ethyl Ketone			■	■				
Aniline	■		■	■					Methylene Chloride	▼		▼	□				
Aqua Regia			□	□					Milk	■		■	■				
Beer	■		■	■					Mineral Oil	■		■	■				
Benzene	▼		■	■					Motor Oil			■	■				
Benzoic Acid			■	■					Nitric Acid – 25 %	▼		■	■				
Beverages (soft drinks)			■	■					Nitric Acid – 50 %	□		■	■				
Borax			■	■					Oleic Acid	▼							
Boric Acid	▼		■	■					Olive Oil	■		■	■				
Brine – 10 %	□		▼	□					Oxalic Acid			□	□				
Butter	■		■	■					Ozone			■	■				
Carbon Dioxide			■	■					Palmitic Acid – 70 %			■	■				
Carbon Disulfide									Phenol			■	■				
Carbon Tetrachloride	■		■	■					Phosphoric Acid – 25 %	▼		■	■				
Chlorine – Gas			■	■					Phosphoric Acid – 50 %	□		■	■				
Chlorine – Liquid	□		□	□					Photographic Solutions			■	■				
Chloroform	▼		■	■					Potassium Hydroxide	■		■	■				
Citric Acid – 40 %	▼		▼	□					Silver Nitrate			■	■				
Citric Acid – 10 %	■		■	■					Soap and water	■		■	■				
Distilled water	■		■	■					Sodium Chlorite	▼		■	■				
Ethyl Ether			■	■					Sodium Hydroxide	■		■	■				
Ferric/Ferrous Comp.			□	□					Sodium Hydroxide – 60 %			▼	▼				
Formaldehyde – 37%	■		■	■					Sodium Hypo-chlorite (5 % Cl)			▼	▼				
Formic Acid – 85 %	▼		■	■					Sulfur			■	■				
Fruit Juices	■		■	■					Sulfur Dioxide (dry)			■	■				
Gasoline	■		■	■					Sulfur Dioxide (wet)			□	□				
Glucose			■	■					Sulfuric Acid – 10 %	□		□	□				
Glycerol	■		■	■					Sulfuric Acid – 50 %	□		□	□				
Hydrobromic Acid – 50 %			□	□					Sulfuric Acid – 70 %	□		□	□				
Hydrochloric Acid – 35 %	□		□	□					Tannic Acid – 10 %			■	■				
Hydrochloric Acid – 10 %	□		□	□					Tartaric Acid	■		■	■				
Hydrofluoric Acid – 35 %			□	□					Toluene	■		▼	▼				
Hydrogen Peroxide – 3 %	■		■	■					Transformer Oil			■	■				
Hydrogen Peroxide – 90 %	▼		■	■					Turpentine	■		■	■				
Hydrogen Sulfide			■	■					Urea	■		■	■				
Iodine – Crystals			■	■					Vinagar	■		■	■				
Kerosene			■	■					Whisky	▼		■	■				
Lactic Acid	▼		■	■					Wine	■		■	■				
Lead Acetate			■	■					Xylene	■		■	■				

Appendix

Safety Information

When connecting or disconnecting a chain, always turn off and lock out the power switch before starting. Always use goggles to protect your eyes. Wear protective clothing, gloves and safety shoes. Support the chain to prevent uncontrolled movements. Use appropriate tools in good working condition, and use them correctly in a proper manner. Do not attempt to connect or disconnect the chain without full knowledge of the chain construction, including the correct procedure for pin removal or insertion.

All pinch and shear points, along with all other exposed moving parts that pose a potential hazard to people at workstations or on conveyor passageways, must be safeguarded.

Overhead conveyors must have guards to prevent objects from falling. Cleated conveyor chains are more hazardous, creating pinch and shear points.

Safeguarding can be achieved by:

Identification

Identify all hazardous areas that pose a danger to personnel.

Guard barriers

Place guard barriers to prevent entry into the hazardous area, and apply guards to high conveyors to prevent objects from falling on to personnel below.

Control devices

Set machine controls to prevent hazardous operations/conditions.

Warnings

Use instructions, warning labels, or sound/light signals to alert that a hazardous condition exists.

Safeguarding should be designed to minimize any discomfort or difficulties for operators. Bypassing and/or overriding safeguarding mechanisms during operation should not be allowed.

Any safeguarding concerns regarding the conveyor should be addressed during the design process.

Product safety

Products designed and manufactured by Habasit can be used in a safe manner; but Habasit cannot warrant their safety under all circumstances. PURCHASER MUST INSTALL AND USE THE PRODUCTS IN A SAFE AND LAWFUL MANNER IN COMPLIANCE WITH APPLICABLE HEALTH AND SAFETY REGULATIONS AND LAWS AND GENERAL STANDARDS OF REASONABLE CARE; AND IF PURCHASER FAILS TO DO SO, PURCHASER SHALL INDEMNIFY HABASIT FROM ANY LOSS, COST OR EXPENSE RESULTING DIRECTLY OR INDIRECTLY FROM SUCH FAILURE. SAFETY DEVICES: Products are provided with only the safety devices identified herein.

IT IS THE RESPONSIBILITY OF PURCHASER TO FURNISH APPROPRIATE GUARDS FOR MACHINERY PARTS IN COMPLIANCE WITH MSHA OR OSHA STANDARDS, AS WELL AS ANY OTHER SAFETY DEVICES DESIRED BY PURCHASER AND/OR REQUIRED BY LAW; AND IF PURCHASER FAILS TO DO SO, PURCHASER SHALL INDEMNIFY HABASIT FROM ANY LOSS, COST OR EXPENSE RESULTING DIRECTLY OR INDIRECTLY FROM SUCH FAILURE.

General safety precautions

- To avoid personal injury, all machinery must be turned off and locked out, prior to chain installation, inspection, maintenance and removal
- Always use safety glasses to protect eyes. Wear protective clothing, gloves and safety shoes
- Support the chain to prevent uncontrolled movement of the chain and parts
- Maintain tools in proper condition and ensure their proper use. Use of chain assembly tools is recommended when applicable
- Do not attempt to connect or disconnect chain unless chain construction is clearly known and understood
- Do not use any sections of damaged chains, because they may have been overloaded and yielded

If any flame cutting, welding, etc. is done in the conveyor vicinity, take adequate precautions to ensure that no burning of any chain or other components occurs. If adequate protection cannot be provided, remove the chain and other plastic components from the conveyor and store in a safe location. Thermoplastic and similar materials can burn and give off toxic fumes. DO NOT INSTALL, OPERATE OR PERFORM MAINTENANCE ON THIS PRODUCT UNTIL YOU HAVE READ AND UNDERSTOOD THE INSTRUCTIONS CONTAINED IN THIS MANUAL.

Austria

Habasisit GmbH, Wien
Phone: +43 1 690 66
www.habasisit.at

Belgium

Habasisit Belgium N.V., Zaventem
Phone: +32 2 725 04 30
www.habasisit.be

Canada

Habasisit Canada Ltd., Oakville
Phone: +1 905 827 4131
www.habasisit.ca

China

Habasisit East Asia Ltd., Hong Kong
Phone: +852 2145 01 50
www.habasisit.com.hk

Habasisit (Shanghai) Co., Ltd.

Shanghai
Phone: +8621 5488 1228
Phone: +8621 5488 1218
www.habasisit.com.hk

Czech Republic

Habasisit Bohemia spol. s.r.o., Brno
Phone: +4205 41 421 651
www.habasisit.cz

France

Habasisit France S.A.S., Mulhouse
Phone: +33 389 33 89 03
www.habasisit.fr

Germany

Habasisit Rossi GmbH,
Eppertshausen
Phone: +49 6071 969 0
www.habasisitrossi.de

Hungary

Habasisit Hungária Kft., Esztergom
Phone: +36 33 510 610
www.habasisit.hu

India

Habasisit-lakoka Pvt. Ltd., Coimbatore
Phone: +91 422 262 78 79
www.habasisitlakoka.com

Italy

Habasisit Italiana SpA
Customer Care:
Phone: 199 199 333
For int. calls: +39 0438 911444
www.habasisit.it

Japan

Habasisit Nippon Co. Ltd., Yokohama
Phone: +81 45 476 03 71
www.habasisit.co.jp

Latvia

Habasisit Baltic SIA, Daugavpils
Phone: +371 54 074 88
www.habasisit.lv

Netherlands

Habasisit Netherlands BV, Nijkerk
Phone: +31 33 24 72 030
www.habasisit.nl

New Zealand

Habasisit Australasia Ltd., Hornby
Phone: +64 3348 5600
www.habasisit.co.nz

Norway

Habasisit Norge A/S, Oslo
Phone: +47 81 55 84 58
www.habasisit.no

Poland

Habasisit Polska Sp. zo.o.,
Dąbrowa Górnicza,
Phone: +48 32 639 02 40
www.habasisit.pl

Romania

Habasisit Import/Export Romania SRL,
Bucuresti, Phone: +40 21 323 95 65
www.habasisit.ro

Russia

OOO Habasisit Ltd., St. Petersburg
Phone: +7 812 365 64 62
www.habasisit.ru

Singapore

Habasisit Far East Pte. Ltd., Singapore
Phone: +65 6862 55 66
www.habasisit.com.sg

Spain

Habasisit Hispanica S.A.,
Barberà del Vallès
Phone: +34 93 719 19 12
www.habasisit.es

Sweden

Habasisit AB, Hindas
Phone: +46 301 226 00
www.habasisit.se

Switzerland

Habasisit Schweiz, Reinach
Phone: +41 61 715 15 75
www.habasisit.ch

Taiwan

Habasisit Rossi (Taiwan) Ltd.
Taipei Hsien
Phone: +886 2 2267 0538
www.habasisit.com.tw

Turkey

Habasisit Kayis San. Ve Tic. Ltd. Sti.
Yenibosna - Bahcelievler - Istanbul
Phone: +90-212-654 94 04
www.habasisit.it

Ukraine

Habasisit Ukraina, Vinnica
Phone: +38 0432 58 47 35
www.habasisit.ua

United Kingdom and Ireland

Habasisit Rossi (UK) Ltd., Silsden
Phone: +44 870 835 9555
www.habasisitrossi.co.uk

USA

Habasisit America
Suwanee, Georgia
Phone: +1 800-458-6431
www.habasisitamerica.com

Habasisit America (Habasisit ABT)
Seamless Belts
Middletown, Connecticut
Phone: +1 860 632 2211
www.seamlessbelts.com

ROSSI GEARMOTORS

a partner of Habasisit, is one of Europe's largest industry groups for the production and sale of gear reducers, gearmotors, inverters, standard and brakemotors.

Rossi Motoriduttori

Via Emilia Ovest 915/A
41100 Modena - Italy
Phone: +39 059 33 02 88
www.rossi-group.com
info@rossi-group.com

Headquarters

Habasisit AG
Römerstrasse 1
CH-4153 Reinach, Switzerland
Phone +41 61 715 15 15
Fax +41 61 715 15 55
E-mail info@habasisit.com
www.habasisit.com

Registered trademarks
Copyright Habasisit AG
Subject to alterations
Printed in Switzerland
Publication data:
4185BRO.CHA-en1108HQR