HabaCHAIN®
Slat and Conveyor Chains
Product Guide
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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. See the Fire Hazard Data Sheet for additional information.
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### Case chain accessories

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4185BRO.CHA-en0416HQR
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Product types

**Slat Top plastic chains**
Available in straight running 820, 821, 828 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**
For standardized modular conveyor systems made of aluminum or steel profiles.

**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, 1701T and 1702 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 0.5" pitch to 3.25" pitch. The popular 1200/3200 series chain was developed and patented.

**Multi-Hub sprockets and idlers**
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.

**Split sprockets**
Machined split sprockets

**Retainer rings**
For lateral fixation of sprockets and idlers on round and square shafts.
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 each product group.

The Product Data Sheet (PDS)

HabaCHAIN®
Slat Top 820 (Straight)

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.

Habasit code (descriptive)
Chain weight: value is indicative

Additional documentation is available:
HabaCHAIN® website (www.habasit.com)
HabaCHAIN® Product overview (Media No. 4122)
HabaCHAIN® Engineering guide (Media No. 6017)
or contact your local Habasit partner.
### Chain code

<table>
<thead>
<tr>
<th>Chain type</th>
<th>Version: B = Snap-on base chain, J = Carbon steel pin, K = AISI 430/431 pin, L = PA pin, N = PBT pin, M = Magnetic, P = AISI 304 pin, Q = AISI 316 pin, S = Snap-on, U = Single link</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Chain width</strong>: (or pitch for base chains or connecting links) <strong>Material</strong>: (see material overview) <strong>Link design</strong>: A = Standard, T = Tab, B = Bevel, P = Multi-Hinge, J = Special bevel, H = Heavy duty, K = No backbending</td>
</tr>
</tbody>
</table>

| Extensions | C | O | O | O | O | K | O | O | O | O | L | F | A | A | - | X | X | X | X |
|            | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10| 11| 12| 13| 14| 15| 16| 17| 18|   |

### Extensions

Type: digits 16 and 17
- **WG** Wide gap hinges
- **L4** Four finger GripTop
- **D1** Tubular GripTop
- **R1** Bent right
- **L1** Bent left
- **RL** Bent 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** White
- **.2** Gray
- **.3** Blue
- **.4** Black
- **.8** Dark gray
- **.9** Natural
- **.A** Green
- **.N** Granite

### Examples

- **C0882K0750PTTR**
  - **Chain** 882
  - **Version** AISI 430 pin
  - **Width** 7.50 inch
  - **Material** PT
  - **Link design** Tab
  - **Style** Low back pressure

- **C0810J0325SAA-WG**
  - **Chain** 810
  - **Version** Carbon steel pin
  - **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
Nomenclature

Multi-Hub sprocket and idler code (single items)

Multi-Hub sprocket rims and idler rims

Multi-Hub inserts

Set screw adapter

- = Separator (if not required)
L = For 1” round bores
S = For all other imperial bores

Examples
C0820G257
Chain 820 or similar engagement  Type Multi-Hub Sprocket rim  Teeth 25
Material Special noise dampening material

C0820L219
Chain 820 or similar engagement  Type Multi-Hub Idler-Rim  Teeth 21  Material L

H030RZ-8
Multi-Hub Insert  Shaft diameter 30 mm  Shaft type Round Type Drive  Material GS

H100RL-9
Multi-Hub Insert  Shaft diameter 1.00 inch  Shaft type Round Type Idler  Material L
## Nomenclature

### Solid sprocket and idler code, multi-hub assembly code

Solid sprockets and idlers

<table>
<thead>
<tr>
<th>Chain type</th>
<th>Type: M = Machined Sprocket, L = Idler, S = Molded sprocket, Z = Split sprocket, A = Multi-Hub sprocket assembly, E = Multi-Hub idler assembly</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Teeth: (equiv. no. for Idler)</th>
<th>Material: (see material overview)</th>
</tr>
</thead>
</table>

| Bore size: (see code below) | Bore shape: R = Round with keyway, Q = Square, L = Round with clearance |

| Hub type of Flexi 7100 chain type: (A, B, C, E, M, 2, 3, 4 see code below) |

<table>
<thead>
<tr>
<th>Extensions</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Bore size: digits 11 and 12</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Round shape</th>
<th>Square shape</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Diameter</th>
<th>Code</th>
<th>Diameter</th>
<th>Code</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Pilot bore</td>
<td>50</td>
<td>50 mm</td>
<td>32</td>
<td>1.25&quot;</td>
</tr>
<tr>
<td>20</td>
<td>20 mm</td>
<td>60</td>
<td>60 mm</td>
<td>37</td>
<td>1 7/16&quot;</td>
</tr>
<tr>
<td>25</td>
<td>25 mm</td>
<td>90</td>
<td>90 mm</td>
<td>03</td>
<td>1.5&quot;</td>
</tr>
<tr>
<td>30</td>
<td>30 mm</td>
<td>01</td>
<td>0.75&quot;</td>
<td>04</td>
<td>2&quot;</td>
</tr>
<tr>
<td>35</td>
<td>35 mm</td>
<td>02</td>
<td>1&quot;</td>
<td>05</td>
<td>2.5&quot;</td>
</tr>
<tr>
<td>40</td>
<td>40 mm</td>
<td>31</td>
<td>1 3/16&quot;</td>
<td>07</td>
<td>3.5&quot;</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Code</th>
<th>Width</th>
<th>Code</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>02</td>
<td>1&quot;</td>
<td>03</td>
<td>1.5&quot;</td>
</tr>
<tr>
<td>04</td>
<td>2&quot;</td>
<td>05</td>
<td>2.5&quot;</td>
</tr>
</tbody>
</table>

**Hub type or Flexi 7100 chain type:** digit 14

- 2 for C7100P0248 chain
- 3 for C7100K0325 chain
- 4 for C7100K0405 chain

**Extensions**

Colors (on request): digit 18

- . . 1 White
- . . 4 Black

**Examples**

- C0810L19PE
  - Chain 810 or similar engagement  Type Idler  Teeth 19  Material PE

- C3200M08PE03OC
  - Chain 3200 or similar engagement  Type Machined Sprocket  Teeth 08  Material PE  Bore size 1.5 inch  Bore shape Square  Hub type C
## Nomenclature

### Accessories code

<table>
<thead>
<tr>
<th>Chain type</th>
<th>Version: B = Snap-on base chain, J = Carbon steel pin, K = AISI 430/431 pin, L = PA pin, N = PBT pin, M = Magnetic, P = AISI 304 pin, Q = AISI 316 pin, S = Snap-on, U = Single link</th>
<th>Chain width: (special code only for accessories see below)</th>
<th>Accessories: (see code below)</th>
<th>Material: (see material overview)</th>
<th>Link design: A = Standard, T = Tab, B = Bevel, P = Multi-Hinge, J = Special bevel, H = Heavy duty, K = No backbending</th>
<th>Style: A = Standard, G = GripTop, F = Flight, R = Low back pressure, S = Sliding block, W = Wave Top, C = Curve Top, P = Pusher, E = Modified tab</th>
<th>Extensions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>C 0 0 0 0 K 0 0 0 E P L F A A – X X X</td>
<td>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19</td>
<td>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Chain width: digits 7 to 9

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>100</td>
<td>1.00&quot;</td>
</tr>
<tr>
<td>125</td>
<td>1.25&quot;</td>
</tr>
<tr>
<td>138</td>
<td>1.38&quot;</td>
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<tr>
<td>144</td>
<td>1.44&quot;</td>
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<tr>
<td>150</td>
<td>1.50&quot;</td>
</tr>
<tr>
<td>165</td>
<td>1.65&quot;</td>
</tr>
<tr>
<td>169</td>
<td>1.69&quot;</td>
</tr>
<tr>
<td>200</td>
<td>2.00&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>210</td>
<td>2.10&quot;</td>
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<tr>
<td>219</td>
<td>2.19&quot;</td>
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<tr>
<td>224</td>
<td>2.24&quot;</td>
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<tr>
<td>225</td>
<td>2.25&quot;</td>
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<tr>
<td>248</td>
<td>2.48&quot;</td>
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<tr>
<td>250</td>
<td>2.50&quot;</td>
</tr>
<tr>
<td>291</td>
<td>2.91&quot;</td>
</tr>
<tr>
<td>325</td>
<td>3.25&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>330</td>
<td>3.30&quot;</td>
</tr>
<tr>
<td>375</td>
<td>3.75&quot;</td>
</tr>
<tr>
<td>400</td>
<td>4.00&quot;</td>
</tr>
<tr>
<td>405</td>
<td>4.05&quot;</td>
</tr>
<tr>
<td>450</td>
<td>4.50&quot;</td>
</tr>
<tr>
<td>600</td>
<td>6.00&quot;</td>
</tr>
<tr>
<td>750</td>
<td>7.50&quot;</td>
</tr>
<tr>
<td>800</td>
<td>8.00&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q12</td>
<td>12.00&quot;</td>
</tr>
<tr>
<td>Q15</td>
<td>15.00&quot;</td>
</tr>
<tr>
<td>Q16</td>
<td>16.00&quot;</td>
</tr>
</tbody>
</table>

### Accessories: digits 10 and 11

<table>
<thead>
<tr>
<th>EP Extended pin</th>
<th>HR Half round pusher</th>
<th>A1 Plastic tab one hole (one side)</th>
<th>A2 Plastic tab one hole (two sides)</th>
<th>K1 Stainless steel attachment</th>
<th>K2 Plastic tab two holes (two sides)</th>
<th>CT Cone Line Module</th>
<th>X Custom insert type (see Slat Top Plastic and Snap-on Accessories)</th>
<th>TP Snap-on top plate</th>
</tr>
</thead>
</table>

For custom accessories contact your local Habasit partner.

### 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** White
- **2** Gray
- **3** Blue
- **4** Black
- **8** Dark gray
- **9** Natural
- **A** Green
Examples
C0820K325XAPTAA-05
Chain 820 Version AISI 430 pin 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

C1200P224K2DPAA-031
Chain 1200 Version AISI 304 pin 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 white

CNH78P291EPLFAA-157
Chain NH78 Version AISI 304 pin 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

C7100T325
Chain 7100 Version Pin tool Width 3.25 inch
**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

<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
<th>Density [g/cm³]</th>
<th>Temperature range</th>
<th>Standard color</th>
</tr>
</thead>
<tbody>
<tr>
<td>DP</td>
<td>Standard POM (Acetal)¹ with good strength and good coefficient of friction. Entry level material for standard or low speed applications.</td>
<td>1.42</td>
<td>Dry conditions: -40 °C to +93 °C (-40 °F to +200 °F) Wet conditions: -40 °C to +60 °C (-40 °F to +140 °F)</td>
<td>Gray</td>
</tr>
<tr>
<td>LF</td>
<td>Low-friction POM (Acetal)¹ with high strength and good abrasion resistance. Suitable for high speed applications. Food contact approved.</td>
<td>1.42</td>
<td>Dry conditions: -40 °C to +93 °C (-40 °F to +200 °F) Wet conditions: -40 °C to +60 °C (-40 °F to +140 °F)</td>
<td>Light brown for Flexi Chains: White</td>
</tr>
<tr>
<td>PT</td>
<td>Low-friction POM (Acetal)¹ The material shows a low coefficient of friction, high strength and good abrasion resistance. Suitable for high speed applications with reduced lubrication</td>
<td>1.43</td>
<td>Dry conditions: -40 °C to +93 °C (-40 °F to +200 °F) Wet conditions: -40 °C to +60 °C (-40 °F to +140 °F)</td>
<td>Gray-brown for Flexi Chains: White</td>
</tr>
<tr>
<td>TS</td>
<td>Extra low-friction POM (Acetal)¹ with special self-lubricating agents. This material has the lowest friction values and highest PxV (load and speed) limit.</td>
<td>1.43</td>
<td>Dry conditions: -40 °C to +93 °C (-40 °F to +200 °F) Wet conditions: -40 °C to +60 °C (-40 °F to +140 °F)</td>
<td>Silver</td>
</tr>
<tr>
<td>NG</td>
<td>Extra low friction PBT material with good strength and very good abrasion resistance. Suitable for high speed, dry running applications. Should be used in combination with a high performance corner track.</td>
<td>1.34</td>
<td>Dry conditions: -40 °C to +120 °C (-40 °F to +248 °F) Wet conditions: -40 °C to +50 °C (-40 °F to +122 °F)</td>
<td>Gray</td>
</tr>
</tbody>
</table>

### Plastic chains – Special chain materials

<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
<th>Density [g/cm³]</th>
<th>Temperature range</th>
<th>Standard color</th>
</tr>
</thead>
<tbody>
<tr>
<td>PK</td>
<td>Extra wear-resistant aramidic fiber-filled POM (Acetal)¹. The special formulation ensures good wear resistance and a low coefficient of friction, especially for abrasive, wet or dry running applications.</td>
<td>1.41</td>
<td>Dry conditions: -40 °C to +93 °C (-40 °F to +200 °F) Wet conditions: -40 °C to +66 °C (-40 °F to +151 °F)</td>
<td>Dark gray</td>
</tr>
<tr>
<td>EC</td>
<td>POM (Acetal)¹ with an electrical surface resistivity according to IEC60093 / ASTM D257 below 10⁷ Ohm/sq. Material has high strength and a good coefficient of friction. Especially for applications where chain charge-up must be avoided. To be used with a conductive wear strip.</td>
<td>1.42</td>
<td>Dry conditions: -40 °C to +93 °C (-40 °F to +200 °F)</td>
<td>Black</td>
</tr>
</tbody>
</table>

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

## Plastic chains – Special chain materials

<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
<th>Density [g/cm³]</th>
<th>Temperature range</th>
<th>Standard color</th>
</tr>
</thead>
<tbody>
<tr>
<td>DE</td>
<td>POM (Acetal) with a special additive to ensure the material is detectable for metal and X-ray systems.</td>
<td>1.67</td>
<td>Dry conditions: -40 °C to +93 °C (-40 °F to +200 °F) Wet conditions: -40 °C to +66 °C (-40 °F to +151 °F)</td>
<td>Blue</td>
</tr>
<tr>
<td>NY</td>
<td>PA with high strength and abrasion resistance. Material has very good long-term heat resistance. Suitable for high load, dry conditions and elevated temperatures. Flammability rating UL94 V2.</td>
<td>1.14</td>
<td>Dry conditions: -46 °C to +118 °C short-term +135 °C (-50 °F to +245 °F short-term +275 °F) Wet conditions: not recommended</td>
<td>Dark gray</td>
</tr>
<tr>
<td>WR</td>
<td>Extra wear-resistant PA for dry and abrasive applications (glass). Higher wear resistance than NY with a low coefficient of friction. When using this material, it is necessary to use a synthetic lubricating agent (no water).</td>
<td>1.35</td>
<td>Dry conditions: -18 °C to +82 °C (0 °F to +180 °F) Wet conditions: not recommended</td>
<td>Black</td>
</tr>
<tr>
<td>HT</td>
<td>Reinforced PA with very high strength and toughness. Suitable for high loads, dry conditions, at elevated temperatures. Flammability rating UL94 HB.</td>
<td>1.37</td>
<td>Dry conditions: -40° C to +145 °C short-term +175 °C (-40°F to +293 °F short-term +347 °F) Wet conditions: not recommended</td>
<td>Black</td>
</tr>
<tr>
<td>NP</td>
<td>PBT with good strength and low coefficient of friction. Developed for conveying applications in the tobacco industry.</td>
<td>1.30</td>
<td>Dry conditions: -40 °C to +120 °C (-40 °F to +248 °F) Wet conditions: -40 °C to +50 °C (-40 °F to +122 °F)</td>
<td>Natural white</td>
</tr>
<tr>
<td>PP</td>
<td>Glass fiber reinforced PP designed for demanding applications where a high level of chemical resistance is required.</td>
<td>1.13</td>
<td>Dry conditions: +5 °C to +105 °C (+40 °F to +220 °F)</td>
<td>Natural white</td>
</tr>
<tr>
<td>CR</td>
<td>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.</td>
<td>1.78</td>
<td>Dry conditions: +5 °C to +115 °C (+40 °F to +239 °F) Wet conditions: +5 °C to +115 °C (+40 °F to +239 °F)</td>
<td>White</td>
</tr>
</tbody>
</table>
### Steel chains

<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
<th>Density [g/cm³]</th>
<th>Temperature range</th>
<th>Standard color</th>
</tr>
</thead>
</table>
| 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       | Inox for 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       | Hard Inox for 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 +260 °C 
(-40 °F to +500 °F) 
Wet conditions: -40 °C to +120 °C 
(-40 °F to +248 °F) | Gray            |
| SA       | 18/8 SS with 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

<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
<th>Density [g/cm³]</th>
<th>Temperature range</th>
<th>Standard color</th>
</tr>
</thead>
</table>
| J        | Case hardened carbon steel (steel chains only)                               | 7.85            | Wet conditions: not recommended 
Dry conditions: -40 °C to +180 °C 
(-40 °F to +355 °F) | Gray            |
| K        | Standard applications - Ferritic stainless steel, magnetic qualities, and good chemical resistance. Suitable for most applications and environments. Standard pin for plastic and steel chains. AISI 430 for plastic chains, and AISI 431 for steel chains (Previous code SS). | 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            |
| P        | 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. AISI 304 (Previous code SA) | 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            |
| Q        | High chemical resistance - Austenitic stainless steel, non-magnetic with increased resistance to chloride corrosion. AISI 316 (Previous code IN) | 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            |
### Material overview

#### Sprockets

<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
<th>Density [g/cm³]</th>
<th>Temperature range</th>
<th>Standard color</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS</td>
<td>Reinforced polyamide with high strength and wear resistance for long life Multi-Hub sprockets.</td>
<td>1.37</td>
<td>Dry conditions: -46 °C to +118 °C (-50 °F to +245 °F) Wet conditions: -40 °C to +50 °C (-40 °F to +122 °F)</td>
<td>Black</td>
</tr>
<tr>
<td>ND</td>
<td>Tough, wear resistant and noise dampening material for Multi-Hub sprockets.</td>
<td>1.24</td>
<td>Dry conditions: -20 °C to +50 °C (-4 °F to +120 °F)</td>
<td>Dark gray</td>
</tr>
<tr>
<td>PE</td>
<td>Tough, wear resistant and noise dampening UHMWPE. Not suitable for abrasive applications. For machined sprockets.</td>
<td>0.94</td>
<td>Dry conditions: -70 °C to +65 °C (-94 °F to +150 °F)</td>
<td>Natural white</td>
</tr>
<tr>
<td>NY</td>
<td>High heat resistant, good abrasion resistant polyamide sprocket material. For machined sprockets.</td>
<td>1.14</td>
<td>Dry conditions: -46 °C to +118 °C (-50 °F to +245 °F) short-term +135 °C (+275 °F) Wet conditions: not recommended</td>
<td>Natural white</td>
</tr>
<tr>
<td>L</td>
<td>Extra low friction POM (Acetal) with self-lubricating agent for Multi-Hub idler and moulded sprockets.</td>
<td>1.41</td>
<td>Dry conditions: -40 °C to +93 °C (-40 °F to +200 °F) Wet conditions: -40 °C to +60 °C (-40 °F to +140 °F)</td>
<td>Black</td>
</tr>
<tr>
<td>CI</td>
<td>Cast iron for solid sprockets. Suitable in non-corrosive, abrasive environments, such as glass conveying.</td>
<td>7.85</td>
<td>Dry conditions: -40 °C to +180 °C (-40 °F to +355 °F) Wet conditions: not recommended</td>
<td>Black</td>
</tr>
</tbody>
</table>

#### Pins

<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
<th>Density [g/cm³]</th>
<th>Temperature range</th>
<th>Standard color</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>Wear and fatigue resistant highly reinforced Polyamide. Easy to recycle option for plastic chains. (Previous code PA)</td>
<td>1.55</td>
<td>Dry conditions: -40° C to +145 °C (+347 °F) short-term +175 °C (+347 °F) Wet conditions: not recommended</td>
<td>Natural beige</td>
</tr>
<tr>
<td>N</td>
<td>Extra low friction PBT material with good strength and very good abrasion resistance. Easy to recycle for selected plastic chains. (Previous code NG)</td>
<td>1.30</td>
<td>Dry conditions: -40 °C to +120 °C (-40 °F to +248 °F) Wet conditions: -40 °C to +50 °C (-40 °F to +122 °F)</td>
<td>Natural white</td>
</tr>
</tbody>
</table>

#### Accessories

<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
<th>Density [g/cm³]</th>
<th>Temperature range</th>
<th>Standard color</th>
</tr>
</thead>
<tbody>
<tr>
<td>G</td>
<td>For GripTop inserts on Slat Top Plastic Chains</td>
<td>1.16</td>
<td>-40 °C to +60 °C (-40 °F to +140 °F)</td>
<td>Black or White</td>
</tr>
<tr>
<td>PL</td>
<td>For GripTop inserts on Slat Top Plastic and Snap-on Chains</td>
<td>1.14</td>
<td>-40 °C to +80 °C (-40 °F to +176 °F)</td>
<td>Black or White</td>
</tr>
<tr>
<td>HY</td>
<td>For GripTop inserts on Slat Top Plastic and Snap-on Chains</td>
<td>1.20</td>
<td>-40 °C to +110 °C (-40 °F to +230 °F)</td>
<td>Black or white</td>
</tr>
<tr>
<td>PP</td>
<td>Polypropylene glass fiber reinforced, for retainer rings</td>
<td>1.13</td>
<td>+5 °C to +105 °C (+40 °F to +220 °F)</td>
<td>Blue</td>
</tr>
</tbody>
</table>
HabaCHAIN®
Slat Top 770T (radius)

Description

- Radius running plastic tab chain
- Small pitch for smooth product transfer with short dead plates
- Capable to run on corner discs
- 1061 hinge design = identical sprocket for 770 and 1061 series chains
- For conveyor layouts requiring tight turns
- For side transfer with 820 and 828 series straight running chains

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength Fy</th>
<th>J (straight)</th>
<th>J (curve)</th>
<th>Rs</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
<td>inch</td>
<td>kg/m</td>
<td>lb/ft</td>
<td>N</td>
<td>lbf</td>
<td>mm</td>
</tr>
<tr>
<td>C0770K0325LFTA</td>
<td>82.6</td>
<td>3.25</td>
<td>1.12</td>
<td>0.75</td>
<td>1500</td>
<td>337</td>
<td>46.0</td>
</tr>
<tr>
<td>C0770K0325PTTA</td>
<td>82.6</td>
<td>3.25</td>
<td>1.12</td>
<td>0.75</td>
<td>1500</td>
<td>337</td>
<td>46.0</td>
</tr>
<tr>
<td>C0770K0325TSTA</td>
<td>82.6</td>
<td>3.25</td>
<td>1.12</td>
<td>0.75</td>
<td>1500</td>
<td>337</td>
<td>46.0</td>
</tr>
</tbody>
</table>

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
- Split sprockets – Series 1061
HabaCHAIN®
Slat Top 820 (straight)

Description

- Straight running plastic chain
- 820 hinge design = identical sprocket for 820 and 831 series chains
- For side transfer with 770, 880 or 890 series radius running chains

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_R$</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
<td>kg/m</td>
<td>lb/ft</td>
<td>N</td>
</tr>
<tr>
<td>C0820K0250DPAA</td>
<td>63.5</td>
<td>0.74</td>
<td>0.50</td>
<td>1650</td>
</tr>
<tr>
<td>C0820K0250LFAA</td>
<td>63.5</td>
<td>0.74</td>
<td>0.50</td>
<td>1650</td>
</tr>
<tr>
<td>C0820K0250PTAA</td>
<td>63.5</td>
<td>0.74</td>
<td>0.50</td>
<td>1650</td>
</tr>
<tr>
<td>C0820K0325DPAA</td>
<td>82.6</td>
<td>0.85</td>
<td>0.57</td>
<td>1650</td>
</tr>
<tr>
<td>C0820K0325LFAA</td>
<td>82.6</td>
<td>0.85</td>
<td>0.57</td>
<td>1650</td>
</tr>
<tr>
<td>C0820K0325PTAA</td>
<td>82.6</td>
<td>0.85</td>
<td>0.57</td>
<td>1650</td>
</tr>
<tr>
<td>C0820K0400DPAA</td>
<td>101.6</td>
<td>0.95</td>
<td>0.64</td>
<td>1650</td>
</tr>
<tr>
<td>C0820K0400LFAA</td>
<td>101.6</td>
<td>0.95</td>
<td>0.64</td>
<td>1650</td>
</tr>
<tr>
<td>C0820K0400PTAA</td>
<td>101.6</td>
<td>0.95</td>
<td>0.64</td>
<td>1650</td>
</tr>
<tr>
<td>C0820K0450DPAA</td>
<td>114.3</td>
<td>1.03</td>
<td>0.69</td>
<td>1650</td>
</tr>
<tr>
<td>C0820K0450LFAA</td>
<td>114.3</td>
<td>1.03</td>
<td>0.69</td>
<td>1650</td>
</tr>
<tr>
<td>C0820K0450PTAA</td>
<td>114.3</td>
<td>1.03</td>
<td>0.69</td>
<td>1650</td>
</tr>
<tr>
<td>C0820K0600DPAA</td>
<td>152.4</td>
<td>1.25</td>
<td>0.84</td>
<td>1650</td>
</tr>
<tr>
<td>C0820K0600LFAA</td>
<td>152.4</td>
<td>1.25</td>
<td>0.84</td>
<td>1650</td>
</tr>
<tr>
<td>C0820K0600PTAA</td>
<td>152.4</td>
<td>1.25</td>
<td>0.84</td>
<td>1650</td>
</tr>
<tr>
<td>C0820K0750DPAA</td>
<td>190.5</td>
<td>1.47</td>
<td>0.99</td>
<td>1650</td>
</tr>
<tr>
<td>C0820K0750LFAA</td>
<td>190.5</td>
<td>1.47</td>
<td>0.99</td>
<td>1650</td>
</tr>
<tr>
<td>C0820K0750PTAA</td>
<td>190.5</td>
<td>1.47</td>
<td>0.99</td>
<td>1650</td>
</tr>
</tbody>
</table>

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
HabaCHAIN®
Slat Top 821 (straight)

Description

- Straight running plastic chain
- Thick top plate = longer wear life
- Heavy duty double hinge design = identical sprocket for 800 and 821 series chain
- For side transfer with 879 and 882 series radius running chains

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_{n}$</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
<td>inch</td>
<td>kg/m</td>
<td>lb/ft</td>
</tr>
<tr>
<td>C0821K0750DPAA</td>
<td>190.5</td>
<td>7.50</td>
<td>2.60</td>
<td>1.75</td>
</tr>
<tr>
<td>C0821K0750LFAA</td>
<td>190.5</td>
<td>7.50</td>
<td>2.60</td>
<td>1.75</td>
</tr>
<tr>
<td>C0821K0750PTAA</td>
<td>190.5</td>
<td>7.50</td>
<td>2.60</td>
<td>1.75</td>
</tr>
<tr>
<td>C0821K1000DPAA</td>
<td>254.0</td>
<td>10.00</td>
<td>3.10</td>
<td>2.08</td>
</tr>
<tr>
<td>C0821K1000LFAA</td>
<td>254.0</td>
<td>10.00</td>
<td>3.10</td>
<td>2.08</td>
</tr>
<tr>
<td>C0821K1000PTAA</td>
<td>254.0</td>
<td>10.00</td>
<td>3.10</td>
<td>2.08</td>
</tr>
<tr>
<td>C0821K1200DPAA</td>
<td>304.8</td>
<td>12.00</td>
<td>3.40</td>
<td>2.28</td>
</tr>
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<td>C0821K1200LFAA</td>
<td>304.8</td>
<td>12.00</td>
<td>3.40</td>
<td>2.28</td>
</tr>
<tr>
<td>C0821K1200PTAA</td>
<td>304.8</td>
<td>12.00</td>
<td>3.40</td>
<td>2.28</td>
</tr>
</tbody>
</table>

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 (2 set-up side-by-side)
- Multi-Hub inserts
- Solid sprockets – Series 821
HabaCHAIN®
Slat Top 828 (straight)

Description

- Straight running plastic chain
- 880 hinge design = identical sprocket for 828, 879, 880, 890 series chains
- For side transfer with 770, 880 or 890 series radius running chains

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_a$</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>C0828K0330LFAA</td>
<td>83.8</td>
<td>3.30</td>
<td>0.89</td>
<td>1700</td>
</tr>
</tbody>
</table>

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
HabaCHAIN®
Slat Top 831 (straight)

Description

- Straight running plastic chain
- Thick top plate = longer wear life
- 820 hinge design = identical sprocket for 820 and 831 series chains
- For side transfer with 879 and 882 series radius running chains

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_{tu}$</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
<td>inch</td>
<td>kg/m</td>
<td>lb/ft</td>
</tr>
<tr>
<td>C0831K0325DPAA</td>
<td>82.6</td>
<td>3.25</td>
<td>1.00</td>
<td>0.67</td>
</tr>
<tr>
<td>C0831K0325LFAA</td>
<td>82.6</td>
<td>3.25</td>
<td>1.00</td>
<td>0.67</td>
</tr>
<tr>
<td>C0831K0325PTAA</td>
<td>82.6</td>
<td>3.25</td>
<td>1.00</td>
<td>0.67</td>
</tr>
<tr>
<td>C0831K0450DPAA</td>
<td>114.3</td>
<td>4.50</td>
<td>1.30</td>
<td>0.87</td>
</tr>
<tr>
<td>C0831K0450LFAA</td>
<td>114.3</td>
<td>4.50</td>
<td>1.30</td>
<td>0.87</td>
</tr>
<tr>
<td>C0831K0450PTAA</td>
<td>114.3</td>
<td>4.50</td>
<td>1.30</td>
<td>0.87</td>
</tr>
<tr>
<td>C0831K0750DPAA</td>
<td>190.5</td>
<td>7.50</td>
<td>1.82</td>
<td>1.22</td>
</tr>
<tr>
<td>C0831K0750LFAA</td>
<td>190.5</td>
<td>7.50</td>
<td>1.82</td>
<td>1.22</td>
</tr>
<tr>
<td>C0831K0750PTAA</td>
<td>190.5</td>
<td>7.50</td>
<td>1.82</td>
<td>1.22</td>
</tr>
</tbody>
</table>

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
HabaCHAIN®
Slat Top 879B (radius)

Description

- Radius running plastic bevel chain
- Thick top plate = longer wear life
- 880 hinge design = identical sprocket for 828, 879, 880, 890 series chains
- For side transfer with 821 and 831 series straight running chains

Chain data

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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 idlers – Series 810

Options
- Plastic pin
Slat Top 879T (radius)

Description

- Radius running plastic tab chain
- Thick top plate = longer wear life
- 880 hinge design = identical sprocket for 828, 879, 880, 890 series chains
- For side transfer with 821 and 831 series straight running chains

Chain data

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<tr>
<th>Habasit code</th>
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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
Description

- Radius running plastic bevel chain
- 880 hinge design = identical sprocket for 828, 879, 880, 890 series chains
- For side transfer with 820 and 828 series straight running chains

Chain data

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<tr>
<th>Habasit code</th>
<th>Width W</th>
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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 idlers – Series 810

Options
- Plastic pin
HabaCHAIN®
Slat Top 880LJ (radius)

Description

- Radius running plastic bevel chain
- Easy disposal (all plastic design)
- High nominal tensile strength (3/4 of comparable steel pin chain) but 20% less weight
- Double hinge design with strong D-shape plastic pin
- 880 hinge design = identical sprocket for 828, 879, 880, 890 series chains
- For side transfer with 820 and 828 series straight running chains

Chain data

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<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_N$</th>
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Pin material: plastic (PBT), white
- 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
**Description**

- Radius running plastic bevel chain
- Special bevel design without “shark fin”
- Single hinge design with D-shape steel pin
- 880 hinge design = identical sprocket for 828, 879, 880, 890 series chains
- For side transfer with 820 and 828 series straight running chains

![Diagram of Slat Top 880J (radius)](image)

**Chain data**

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**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
**HabaCHAIN®**

**Slat Top 880T (radius)**

**Description**

- Radius running plastic tab chain
- 880 hinge design = identical sprocket for 828, 879, 880, 890 series chains
- For side transfer with 820 and 828 series straight running chains

**Chain data**

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**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
HabaCHAIN®
Slat Top 880M (radius)

Description

- Radius running plastic magnetic chain
- Held down in the curve by a magnetic corner track
- Easy removal from the corner track for cleaning or maintenance
- 880 hinge design = identical sprocket for 828, 879, 880, 890 series chains
- For side transfer with 820 and 828 series straight running chains

Chain data

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<th>Habasit code</th>
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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
- Magnetic corner tracks see HabiPLAST® Product Guide Code No. 4097
HabaCHAIN®
Slat Top 882B (radius)

Description

- Radius running plastic bevel chain
- Thick top plate = longer wear life

Chain data

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<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
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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
Description

- Radius running plastic tab chain
- Thick top plate = longer wear life
- For side transfer with 821 and 831 series straight running chains

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
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</table>

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
HabaCHAIN®
Slat Top 882TG (radius)

Description

- Radius running plastic tab chain
- High friction GripTop inserts

Chain data

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<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_a$</th>
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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
- GripTop width $G$:
  - C0882K0450LFTG: 95mm
  - C0882K0750LFTG: 133mm

Related products

- Multi-Hub 882 sprocket rims
- Multi-Hub inserts
- Solid sprockets – Series 882
HabaCHAIN®
Slat Top 890T (radius)

Description

- Radius running plastic tab chain
- Capable to run on corner discs
- 880 hinge design = identical sprocket for 828, 879, 880, 890 series chains
- For conveyor layouts requiring tight turns
- For side transfer with 820 and 828 series straight running chains

Chain data

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<tr>
<th>Habasit code</th>
<th>Width W</th>
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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
HabaCHAIN®
Slat Top 1061T (radius)

Description

- Radius running plastic tab chain
- Small pitch for smooth product transfer with short dead plates
- 1061 hinge design = identical sprocket for 770 and 1061 series chains
- For side transfer with HabasitLINK® M2420 and M2470 Flat Top 1" modular belts

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
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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
- Split sprockets – Series 1061
HabaCHAIN®
Slat Top 1061M (radius)

Description

- Radius running plastic magnetic chain
- Held down in the curve by a magnetic corner track
- Easy removal from the corner track for cleaning or maintenance
- Small pitch for smooth product transfer with short dead plates
- 1061 hinge design = identical sprocket for 770 and 1061 series chains
- For side transfer with HabasitLINK® M2420 and M2470 Flat Top 1” modular belts

Chain data

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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
- Split sprockets – Series 1061
- Magnetic corner tracks see Habiplast® Product Guide Code No. 4097
HabaCHAIN®
Slat Top 1071B (radius)

Description

- Radius running plastic bevel chain
- Easy removal from the corner track for cleaning or maintenance
- Small pitch for smooth product transfer with short dead plates
- 1071 hinge design = identical sprocket for 770, 1061 and 1071 series chains
- For side transfer with HabasitLINK® M2420 and M2470 Flat Top 1” modular belts

Chain data

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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
- Split Sprockets - Series 1061
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)
   - Standard insert material is G
   - 65 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

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<td>XA</td>
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This is only a brief overview of our inserts. Many different insert designs are available.

Type XA

Type XB
**Drilled holes**

For special applications (e.g. vacuum) 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.
**Description**

- Straight running low-back pressure chain
- Patented design

**Chain data**

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<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
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**Pin material:** stainless steel
- Standard packaging: 1.524 m = 5ft
- The weight specification is indicative
- Roller material: DP (blue)
- 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
HabaCHAIN®
LBP 821 SB (straight)

Description

- Straight running low-back pressure chain
- Patented design
- Third roller row replaced by sliding block
- Cost efficient solution
- For wide and stable goods

Chain data

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<th>Habasit code</th>
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</tbody>
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**Pin material:** stainless steel

- Standard packaging: 1.524 m = 5ft
- The weight specification is indicative
- Roller and sliding block material: DP (blue)
- 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
HabaCHAIN®
LBP 882T (radius)

Description

• Radius running low-back pressure chain
• Patented design

Chain data

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<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
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Pin material: stainless steel
• Standard packaging: 1.524 m = 5ft
• The weight specification is indicative
• Roller material: DP (blue)
• Other materials on request

Related products
• Multi-Hub 882 sprocket rims
• Multi-Hub inserts
• Solid sprockets – Series 882
HabaCHAIN®
LBP 882T SB (radius)

Description

- Radius running low-back pressure chain
- Patented design
- Third roller row replaced by sliding block
- Cost efficient solution
- For wide and stable goods

Chain data

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Pin material: stainless steel
- Standard packaging: 1.524 m = 5ft
- The weight specification is indicative
- Roller and sliding block material: DP (blue)
- Other materials on request

Related products

- Multi-Hub 882 sprocket rims
- Multi-Hub inserts
- Solid sprockets – Series 882
HabaCHAIN®
Slat Top 800 (straight)

Description

- Straight running steel chain
- Double hinge design = identical sprocket for 800 and 821 series chain
- For side transfer with 881 series radius running chain

Chain data

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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
Description

- Straight running steel chain
- For side transfer with 881 series radius running chain

Chain data

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</table>
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 820 sprocket rims
- Multi-Hub 820 idler rims
- Multi-Hub inserts
- Solid sprockets – Series 810
- Solid sprockets – Series 820
- Solid idler 810
HabaCHAIN®
Slat Top 881B (radius)

Description

- Radius running steel bevel chain
- For side transfer with 800 and 810 series straight running chain

Chain data

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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 820 idler rims
- Multi-Hub inserts
- Solid sprockets – Series 881
HabaCHAIN®
Slat Top 881T (radius)

Description

- Radius running steel tab chain
- For side transfer with 800 and 810 series straight running chain

Chain data

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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 inserts
- Solid sprockets – Series 881
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 bent in travel direction on the right side suffix: -R1
- One side bent in travel direction on the left side suffix: -L1
- Both sides bent suffix: -RL

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### Slat Top 881T (radius)

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Description

- Radius running conveyor system plastic chain
- Easy assembly and disassembly
- Openings for cleaning with compressed air
- Capable to run on corner discs
- For conveyor layouts requiring tight turns

Chain data

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Pin material: stainless steel
- 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
- HabiPLAST® wear strip FL W 15.5x6.1
HabaCHAIN®
Snap-on 843 (straight)

Description

- Straight running snap-on chain
- Steel base roller chain with snap-on plastic top plates
- Base chain: 0.5" pitch 843 roller chain

Chain data

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<tr>
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Base chain:

- Standard material is CS
- Stainless steel (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
- Top plates may be purchased separately
- Driven by standard ANSI 40-1 series roller chain sprockets
HabaCHAIN®
Snap-on 843C (straight)

Description
- Straight running snap-on chain
- Steel base roller chain with snap-on plastic top plates
- Base chain: 0.5" pitch 843 roller chain
- Chamfered top plates
- Designed for bi-directional travel

Chain data

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Base chain:
- Standard material is CS
- Stainless steel (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
- Top plates may be purchased separately
- Driven by standard ANSI 40-1 series roller chain sprockets
**HabaCHAIN®**

**Snap-on 863 (straight)**

**Description**
- Straight running snap-on chain
- Steel base roller chain with snap-on plastic top plates
- Base chain: 0.75" pitch 863 roller chain

**Chain data**

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**Base chain:**
- Standard material is CS
- Stainless steel (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
- Top plates may be purchased separately
- Driven by standard ANSI 60-1 series roller chain sprockets
**Description**

- Straight running snap-on chain with tab
- Steel base roller chain with snap-on plastic top plates
- Base chain: 0.75" pitch 863 roller chain

**Chain data**

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**Base chain:**

- Standard material is CS
- Stainless steel (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
- Top plates may be purchased separately
- Driven by standard ANSI 60-1 series roller chain sprockets
HabaCHAIN®
Snap-on 963 (straight)

Description

- Straight running snap-on chain
- Steel base roller chain with snap-on plastic top plates
- Base chain: 0.75” pitch 1873 roller chain

Chain data

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<th>Nominal tensile strength F_N</th>
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Base chain:

- Standard material is CS
- Stainless steel (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
- Top plates may be purchased separately
- Driven by standard ANSI 60-1 series roller chain sprockets
**Description**

- Straight running snap-on chain with tab
- Steel base roller chain with snap-on plastic top plates
- Base chain: 0.75" pitch 1873 roller chain

**Chain data**

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_n$</th>
<th>Material</th>
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**Base chain:**

- Standard material is CS
- Stainless steel (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
- Top plates may be purchased separately
- Driven by standard ANSI 60-1 series roller chain sprockets
HabaCHAIN®
Snap-on 1843T (radius)

Description

- Radius running snap-on chain with tab
- Steel base roller chain with snap-on plastic top plates
- Base chain: 0.5” pitch 1843 roller chain

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_{N}$</th>
<th>J (straight)</th>
<th>J (curve)</th>
<th>$R_s$</th>
<th>Material</th>
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Base chain:

- Standard material is CS
- Stainless steel (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
- Top plates may be purchased separately
- Driven by standard ANSI 40-1 series roller chain sprockets
HabaCHAIN®
Snap-on 1873T (radius)

Description

• Radius running snap-on chain with tab
• Steel base roller chain with snap-on plastic top plates
• Base chain: 0.75" pitch 1873 roller chain
• Designed for bi-directional travel

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_a$</th>
<th>J (straight)</th>
<th>J (curve)</th>
<th>$R_s$</th>
<th>Material</th>
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Base chain:

• Standard material is CS
• Stainless steel (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
• Top plates may be purchased separately
• Driven by standard ANSI 60-1 series roller chain sprockets
HabaCHAIN®
Snap-on 1873T-T (straight)

Description

- Straight running snap-on chain with tab
- Steel base roller chain with snap-on plastic top plates
- Base chain: 0.75" pitch 1873 roller chain
- Designed for bi-directional travel

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_{\text{N}}$</th>
<th>Material</th>
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Base chain:

- Standard material is CS
- Stainless steel (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
- Top plates may be purchased separately
- Driven by standard ANSI 60-1 series roller chain sprockets
HabaCHAIN®
Snap-on 1873-D1 (radius)

Description
- Radius running snap-on chain with tab
- Steel base roller chain with snap-on plastic top plates
- Base chain: 0.75" pitch 1873 roller chain
- D style gripper inserts
- Designed for bi-directional travel

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_a$</th>
<th>$J$ (straight)</th>
<th>$J$ (curve)</th>
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Base chain:
- Standard material is CS
- Stainless steel (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 ANSI 60-1 series roller chain sprockets
- Only available in 73 Shore A hardness
- Standard material for gripper is PL black
- Top plates may be purchased separately
- White color is available on request
HabaCHAIN®
Snap-on 1873-L4 (radius)

Description

- Radius running snap-on chain with tab
- Steel base roller chain with snap-on plastic top plates
- Base chain: 0.75" pitch 1873 roller chain
- Four finger style gripper inserts

Chain data

<table>
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Base chain:

- Standard material is CS
- Stainless steel (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 ANSI 60-1 series roller chain sprockets
- Only available in 73 Shore A hardness
- Standard material for gripper is PL white
- Top plates may be purchased separately
- Black color is available on request
HabaCHAIN®
Snap-on 1874T (radius)

Description
- Radius running snap-on chain with tab
- Steel base roller chain with snap-on steel top plates
- Base chain: 0.75" pitch 1873 roller chain
- Designed for bi-directional travel
- For applications with high temperatures and / or abrasive materials

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_N$</th>
<th>J (straight)</th>
<th>J (curve)</th>
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<td>4.50</td>
<td>4.80</td>
<td>3.25</td>
<td>4000</td>
<td>900</td>
<td>34.1</td>
</tr>
<tr>
<td>C1874S0600CSTA</td>
<td>152.4</td>
<td>6.00</td>
<td>5.70</td>
<td>3.83</td>
<td>4000</td>
<td>900</td>
<td>34.1</td>
</tr>
<tr>
<td>C1874S0750CSTA</td>
<td>190.5</td>
<td>7.50</td>
<td>6.40</td>
<td>4.30</td>
<td>4000</td>
<td>900</td>
<td>34.1</td>
</tr>
</tbody>
</table>

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
- Top plates may be purchased separately
- Driven by standard ANSI 60-1 series roller chain sprockets
Description

- Radius running snap-on chain with tab
- Steel base roller chain with snap-on plastic top plates
- Base chain: 0.75" pitch 1873 roller chain
- Overlapping top plates ensure that nothing can get caught between

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_{R_s}$</th>
<th>J (straight)</th>
<th>J (curve)</th>
<th>$R_s$</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
<td>inch</td>
<td>kg/m</td>
<td>lb/ft</td>
<td>N</td>
<td>lbf</td>
<td>mm</td>
</tr>
<tr>
<td>C3873S1000DPTA</td>
<td>254.0</td>
<td>10.00</td>
<td>3.47</td>
<td>2.33</td>
<td>4000</td>
<td>900</td>
<td>33.3</td>
</tr>
<tr>
<td>C3873S1000LFTA</td>
<td>254.0</td>
<td>10.00</td>
<td>3.47</td>
<td>2.33</td>
<td>4000</td>
<td>900</td>
<td>33.3</td>
</tr>
</tbody>
</table>

Base chain:
- Standard material is CS
- Stainless steel (SS) on request: Max. workload 2'000 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
- Top plates may be purchased separately
- Driven by standard ANSI 60-1 series roller chain sprockets
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

<table>
<thead>
<tr>
<th>Chain type</th>
<th>Chain width</th>
<th>Insert type</th>
<th>Insert width L (mm)</th>
<th>Insert width L (inch)</th>
</tr>
</thead>
<tbody>
<tr>
<td>863 / 963</td>
<td>325</td>
<td>XA</td>
<td>60</td>
<td>2.36</td>
</tr>
<tr>
<td></td>
<td>450</td>
<td></td>
<td>105</td>
<td>4.13</td>
</tr>
<tr>
<td></td>
<td>600</td>
<td></td>
<td>130</td>
<td>5.12</td>
</tr>
<tr>
<td></td>
<td>750</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1873T</td>
<td>325</td>
<td>XA</td>
<td>60</td>
<td>2.36</td>
</tr>
<tr>
<td></td>
<td>450</td>
<td></td>
<td>90</td>
<td>3.54</td>
</tr>
<tr>
<td></td>
<td>600</td>
<td></td>
<td>130</td>
<td>5.12</td>
</tr>
<tr>
<td></td>
<td>750</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1000</td>
<td></td>
<td>200</td>
<td>7.87</td>
</tr>
<tr>
<td></td>
<td>1200</td>
<td>XB</td>
<td>295</td>
<td>11.61</td>
</tr>
</tbody>
</table>

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 plastic chain with wide top plate
- Capable to run on corner discs
- For conveyor layouts requiring tight turns

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_{nn}$</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1700K0217LFAA</td>
<td>55.0</td>
<td>1.28</td>
<td>2600</td>
<td>LF</td>
</tr>
</tbody>
</table>

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
- Turning discs
Multiflex 1701T (radius)

Description

- Multiflex plastic chain with tab
- Capable to run on corner discs
- For conveyor layouts requiring tight turns

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength F_{N}</th>
<th>J (straight)</th>
<th>J (curve)</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
<td>kg/m</td>
<td>lb/ft</td>
<td>N</td>
<td>lbf</td>
<td>mm</td>
</tr>
<tr>
<td>C1701K0209LFTA</td>
<td>53.2</td>
<td>1.34</td>
<td>0.9</td>
<td>2600</td>
<td>584</td>
<td>59.5</td>
</tr>
</tbody>
</table>

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

Related products

- Solid sprocket – Series 1700
- Turning discs
HabaCHAIN®
Multiflex 1702 (radius)

Description

- Multiflex plastic chain without tab
- Capable to run on corner discs
- For conveyor layouts requiring tight turns

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength F_{u}</th>
<th>J (straight)</th>
<th>J (curve)</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1702K0209LFAA</td>
<td>53.2</td>
<td>1.29</td>
<td>2600</td>
<td>62.0</td>
<td>59.6</td>
<td>LF</td>
</tr>
</tbody>
</table>

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

Related products
- Solid sprocket – Series 1700
- Turning discs
Extended pivots and inserts can be fitted to the multiflex range of chains. Inserts are beneficial for incline or decline applications where the extended pivots can be used for a variety of applications where the product is required to be spaced, held or pushed where the stand alone chain is not sufficient. Both inserts and extended pivots are available in standard arrangements as well as to customer requirements.

**Extended pivot**

**Insert**

**Standard accessories**

<table>
<thead>
<tr>
<th>Chain type</th>
<th>Accessory type</th>
<th>Dimension H</th>
<th>Standard material</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1700</td>
<td>Extended pivot</td>
<td>26.5 mm / 1.04 inch</td>
<td>PA white</td>
</tr>
<tr>
<td>C1700</td>
<td>Extended pivot</td>
<td>25.5 mm / 1.00 inch</td>
<td></td>
</tr>
<tr>
<td>C1701T</td>
<td>Insert</td>
<td>--</td>
<td></td>
</tr>
<tr>
<td>C1702</td>
<td>Insert</td>
<td>--</td>
<td></td>
</tr>
</tbody>
</table>

Custom dimensions and arrangements available by request.
Turn disc are available for the Multiflex range of chains. Turn discs are used as moving inside wearstrips for turns. By using the turn disc, the chain can go through a curve without significantly increasing the chain tension, consequently, allowing longer conveyors. It is recommended to utilize turn disc for multiflex chains.

### Turn disc type

<table>
<thead>
<tr>
<th>Turn disc type</th>
<th>Chain type</th>
<th>Center of disc to center of chain</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>mm</td>
<td>inch</td>
</tr>
<tr>
<td>C1700D12</td>
<td>C1700K0217--AA</td>
<td>150</td>
<td>5.91</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Turn disc type</th>
<th>Chain type</th>
<th>Center of disc to center of chain</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>mm</td>
<td>inch</td>
</tr>
<tr>
<td>C1701D12</td>
<td>C1701K0209--TA</td>
<td>150</td>
<td>5.91</td>
</tr>
<tr>
<td></td>
<td>C1702K0209--AA</td>
<td>150</td>
<td>5.91</td>
</tr>
</tbody>
</table>

**Material:**
- Disc: Cast aluminum
- Shaft: Stainless steel
HabaCHAIN®
Case chain 40P (straight)

**Description**
- Small straight running plastic chain with closed top plate
- Driven by standard 0.5" (12.7 mm) pitch steel roller chain sprocket
- For applications requiring a closed top plate design that eliminates pinch points

**Chain data**

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_N$</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
<td>kg/m</td>
<td>lb/ft</td>
<td></td>
</tr>
<tr>
<td>C0040P0079DPAA-001</td>
<td>20.0</td>
<td>0.37</td>
<td>0.25</td>
<td>DP</td>
</tr>
<tr>
<td></td>
<td>inch</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.79</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>630</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>141</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>DP</td>
</tr>
</tbody>
</table>

**Pin material:** stainless steel
- Standard packaging: 15.24 m = 50ft
- The weight specification is indicative
- Other materials on request
- Driven by standard ANSI 40-1 or BS 08B-1 roller chain sprockets
Description

- Small straight running plastic chain with closed top plate
- Driven by standard 0.75" (19.1 mm) pitch steel roller chain sprocket
- For applications requiring a closed top plate design that eliminates pinch points

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength F_N</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
<td>kg/m</td>
<td>N</td>
<td>lbf</td>
</tr>
<tr>
<td>C0060P0118DPAA-001</td>
<td>30.0</td>
<td>0.71</td>
<td>890</td>
<td>200</td>
</tr>
</tbody>
</table>

Pin material: stainless steel
- Standard packaging: 3.048 m = 10ft
- The weight specification is indicative
- Other materials on request
- Driven by standard ANSI 60-1 or BS 12B-1 roller chain sprockets
Case chain 600 (radius)

Description

- Radius running plastic chain
- Closed top design

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_{tu}$</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>C0600P0165DPAA-001</td>
<td>42.0 mm / 1.65 inch</td>
<td>1.44 kg/m / 0.97 lb/ft</td>
<td>4500 N / 1012 lbf</td>
<td>DP</td>
</tr>
</tbody>
</table>

Pin material: stainless steel
- Standard packaging: 6.096 m = 20ft
- The weight specification is indicative
- Other materials on request

Related products
- Solid sprockets – Series 600
HabaCHAIN®
Case chain 601 (radius)

Description

- Radius running plastic chain
- Open top design

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_N$</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>C0601P0165DPAA-001</td>
<td>42.0</td>
<td>1.35</td>
<td>4500</td>
<td>DP</td>
</tr>
</tbody>
</table>

Pin material: stainless steel
- Standard packaging: 6.096 m = 20ft
- The weight specification is indicative
- Other materials on request

Related products
- Solid sprockets – Series 600
HabaCHAIN®
Case chain 610T (radius)

Description

- Radius running plastic tab chain
- Closed top design

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength Fₚ</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>C0610P0165DPTA-001</td>
<td>42.0</td>
<td>1.65</td>
<td>1.54</td>
<td>1.03</td>
</tr>
<tr>
<td></td>
<td>mm</td>
<td>inch</td>
<td>kg/m</td>
<td>lb/ft</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Pin material**: stainless steel
- Standard packaging: 6.096 m = 20ft
- The weight specification is indicative
- Other materials on request

Related products
- Solid sprockets – Series 600
Case chain 611T (radius)

Description

- Radius running plastic tab chain
- Open top design
- The tab shape is different compared to 611TE

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_{n}$</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>C0611P0165DPTA-001</td>
<td>42.0</td>
<td>1.43</td>
<td>4500</td>
<td>DP</td>
</tr>
<tr>
<td></td>
<td>1.65</td>
<td>1.38</td>
<td>1012</td>
<td></td>
</tr>
</tbody>
</table>

Pin material: stainless steel
- Standard packaging: 6.096 m = 20ft
- The weight specification is indicative
- Other materials on request

Related products
- Solid sprockets – Series 600
**Description**

- Radius running plastic tab chain
- Open top design
- The tab shape is different compared to 611T

**Chain data**

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_{tu}$</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>C0611P0169DPTE-001</td>
<td>43.0</td>
<td>1.69</td>
<td>1.10</td>
<td>4500</td>
</tr>
</tbody>
</table>

**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
HabaCHAIN®
Case chain 1100 (straight)

Description

- Straight running plastic chain
- Designed for bi-directional travel

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength F_N</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
<td>kg/m</td>
<td>lb/ft</td>
<td>lbf</td>
</tr>
<tr>
<td>C1100P0100DPAA</td>
<td>25.4</td>
<td>0.30</td>
<td>0.20</td>
<td>623</td>
</tr>
<tr>
<td>C1100P0100NYAA</td>
<td>25.4</td>
<td>0.29</td>
<td>0.20</td>
<td>623</td>
</tr>
<tr>
<td>C1100P0100HTAA</td>
<td>25.4</td>
<td>0.29</td>
<td>0.20</td>
<td>623</td>
</tr>
</tbody>
</table>

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
**HabaCHAIN®**  
**Case chain 1110T (radius)**

**Description**
- Radius running plastic tab chain
- Designed for bi-directional travel

**Chain data**

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_{\text{N}}$</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1110P0100DPTA</td>
<td>25.4</td>
<td>0.31</td>
<td>373</td>
<td>DP</td>
</tr>
<tr>
<td>C1110P0100NYTA</td>
<td>25.4</td>
<td>0.30</td>
<td>373</td>
<td>NY</td>
</tr>
<tr>
<td>C1110P0100HTTA</td>
<td>25.4</td>
<td>0.30</td>
<td>373</td>
<td>HT</td>
</tr>
</tbody>
</table>

**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
HabaCHAIN®
Case chain 1150 (straight)

Description

- Straight running plastic chain
- Designed for bi-directional travel

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength Fₘₚ</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1150P0165HTAA</td>
<td>41.9</td>
<td>1.65</td>
<td>0.65</td>
<td>0.44</td>
</tr>
</tbody>
</table>

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
HabaCHAIN®
Case chain 1151T (radius)

Description

- Radius running plastic tab chain
- Designed for bi-directional travel

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_{\text{t}}$</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1151P0165HTTA</td>
<td>41.9</td>
<td>1.65</td>
<td>0.66</td>
<td>0.44</td>
</tr>
</tbody>
</table>

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
**HabaCHAIN®**

**Case chain 1200 (straight)**

**Description**

- Straight running plastic chain
- The 1200 series is identical to the 3200 series except for the material variety and the available accessories
- Designed for bi-directional travel

**Chain data**

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_n$</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
<td>kg/m</td>
<td>lb/ft</td>
<td></td>
</tr>
<tr>
<td>C1200P0224DPAA</td>
<td>57.0</td>
<td>1.30</td>
<td>0.87</td>
<td>DP</td>
</tr>
<tr>
<td>C1200P0224HTAA</td>
<td>57.0</td>
<td>1.30</td>
<td>0.87</td>
<td>HT</td>
</tr>
</tbody>
</table>

**Pin material:** stainless steel
- Standard packaging: 3.048 m = 10ft
- Other materials on request
- The weight specification is indicative

**Related products**

- Solid sprockets – Series 1200
**HabaCHAIN®**

**Case chain 1201AB (straight)**

**Description**

- Perforated flat top design
- Tapered slots for reduced trapping of conveyed product
- Safety version for pinch protection
- Designed for bi-directional travel

**Chain data**

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength F_{n}</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1201P0224DPAB-00N</td>
<td>57.0</td>
<td>1.51</td>
<td>3100</td>
<td>DP</td>
</tr>
<tr>
<td></td>
<td>2.24</td>
<td>1.01</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Pin material:** stainless steel

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

**Related products**

- Solid sprockets – Series 1200
HabaCHAIN®
Case chain 1210T (radius)

Description

- Radius running plastic tab chain
- The 1210T series is identical to the 3210T series except for the material variety, the sideflexing radius and the available accessories
- Designed for bi-directional travel

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_n$</th>
<th>$R_s$</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
<td>inch</td>
<td>kg/m</td>
<td>lb/ft</td>
<td>N</td>
</tr>
<tr>
<td>C1210P0224DPTA</td>
<td>57.0</td>
<td>2.24</td>
<td>1.35</td>
<td>0.91</td>
<td>2500</td>
</tr>
<tr>
<td>C1210P0224HTTA</td>
<td>57.0</td>
<td>2.24</td>
<td>1.35</td>
<td>0.91</td>
<td>2500</td>
</tr>
</tbody>
</table>

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

Related products
- Solid sprockets – Series 1200
Description

- Radius running plastic tab chain
- Perforated flat top design
- Tapered slots for reduced trapping of conveyed product
- Safety version for pinch protection
- Designed for bi-directional travel

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1211P0224DPTB-00N</td>
<td>57.0 mm (2.24 inch)</td>
<td>1.51 kg/m (1.01 lb/ft)</td>
<td>3100 N (698 lbf)</td>
<td>DP</td>
</tr>
</tbody>
</table>

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

Related products
- Solid sprockets – Series 1200
HabaCHAIN®
Case chain 1250 (straight)

Description

• Straight running plastic chain
• Designed for bi-directional travel

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength Fₚ</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1250P0225HTAA</td>
<td>57.2</td>
<td>1.73</td>
<td>1.16</td>
<td>6228</td>
</tr>
</tbody>
</table>

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
HabaCHAIN®
Case chain 1251T (radius)

Description

- Radius running plastic tab chain
- Designed for bi-directional travel

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
<td>inch</td>
<td>kg/m</td>
<td>lb/ft</td>
</tr>
<tr>
<td>C1251P0225HTTA</td>
<td>57.2</td>
<td>2.25</td>
<td>1.73</td>
<td>1.16</td>
</tr>
</tbody>
</table>

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
**HabaCHAIN®**

**Case chain 1400 (radius)**

**Description**
- Radius running plastic chain
- Open top design

**Chain data**

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_{N}$</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1400P0200DPAA-001</td>
<td>50.8</td>
<td>2.08</td>
<td>1.40</td>
<td>6600</td>
</tr>
</tbody>
</table>

**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
HabaCHAIN®
Case chain 1410T (radius)

Description

- Radius running plastic tab chain
- Open top design

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength $F_{\text{u}}$</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm</td>
<td>inch</td>
<td>kg/m</td>
<td>lb/ft</td>
<td>N</td>
</tr>
<tr>
<td>C1410P0200DPTA-001</td>
<td>50.8</td>
<td>2.00</td>
<td>2.27</td>
<td>6600</td>
</tr>
</tbody>
</table>

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
HabaCHAIN®
Case chain 3200 (straight)

Description

- Straight running plastic chain
- The 3200 series is identical to the 1200 series except for the material variety and the available accessories
- Designed for bi-directional travel

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength F_N</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
<td>kg/m</td>
<td>lb/ft</td>
<td>N</td>
</tr>
<tr>
<td>C3200K0224DPAA-001</td>
<td>57.0</td>
<td>1.30</td>
<td>0.87</td>
<td>3100</td>
</tr>
<tr>
<td>C3200K0224DPAA-002</td>
<td>57.0</td>
<td>1.30</td>
<td>0.87</td>
<td>3100</td>
</tr>
<tr>
<td>C3200K0224DPAA-008</td>
<td>57.0</td>
<td>1.30</td>
<td>0.87</td>
<td>3100</td>
</tr>
<tr>
<td>C3200K0224NYAA-008</td>
<td>57.0</td>
<td>1.06</td>
<td>0.71</td>
<td>3100</td>
</tr>
</tbody>
</table>

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
HabaCHAIN®  
Case chain 3210T (radius)

Description

- Radius running plastic tab chain
- The 3210T series is identical to the 1210T series except for the material variety, the sideflexing radius and the available accessories
- Designed for bi-directional travel

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength F_N</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
<td>kg/m</td>
<td>lb/ft</td>
<td></td>
</tr>
<tr>
<td>C3210K0224DPTA-001</td>
<td>57.0</td>
<td>1.35</td>
<td>0.91</td>
<td>DP</td>
</tr>
<tr>
<td>C3210K0224DPTA-002</td>
<td>57.0</td>
<td>1.35</td>
<td>0.91</td>
<td>DP</td>
</tr>
<tr>
<td>C3210K0224DPTA-008</td>
<td>57.0</td>
<td>1.13</td>
<td>0.75</td>
<td>DP</td>
</tr>
<tr>
<td>C3210K0224NYTA-008</td>
<td>57.0</td>
<td>1.13</td>
<td>0.75</td>
<td>NY</td>
</tr>
</tbody>
</table>

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
HabaCHAIN®
Case chain NH78 (straight)

Description
- Straight running plastic chain
- Designed for bi-directional travel
- Robust heavy duty design for demanding applications like sewage treatment

Chain data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Width W</th>
<th>Weight</th>
<th>Nominal tensile strength Fₚ</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNH78P0291LFAA</td>
<td>74.0</td>
<td>2.10</td>
<td>1.41</td>
<td>7700</td>
</tr>
<tr>
<td></td>
<td>2.91</td>
<td>N</td>
<td>lbf</td>
<td>1733</td>
</tr>
<tr>
<td></td>
<td>mm</td>
<td>kg/m</td>
<td>N</td>
<td>LF</td>
</tr>
<tr>
<td></td>
<td>inch</td>
<td>lb/ft</td>
<td>lbf</td>
<td></td>
</tr>
</tbody>
</table>

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
**HabaCHAIN®**
Case chain accessories

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

**Extended pin EP** (only for straight running chains)
Extended journal pins (standard material is stainless steel SA) are particularly advantageous for low tension accumulation, eliminating damage to product and containers.

<table>
<thead>
<tr>
<th>Chain type</th>
<th>Chain pitch P</th>
<th>Pin diam. D</th>
<th>Pin length L</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
</tr>
<tr>
<td>C1100P100EP--AA---1</td>
<td>25.4</td>
<td>1.00</td>
<td>6.4</td>
</tr>
<tr>
<td>C1150P165EP--AA---1</td>
<td>38.1</td>
<td>1.50</td>
<td>6.4</td>
</tr>
<tr>
<td>C1200P224EP--AA---3</td>
<td>50.8</td>
<td>2.00</td>
<td>9.5</td>
</tr>
<tr>
<td>C1200P224EP--AA---8</td>
<td></td>
<td></td>
<td>12.7</td>
</tr>
<tr>
<td>C1250P225EP--AA---7</td>
<td>63.5</td>
<td>2.50</td>
<td>11.1</td>
</tr>
<tr>
<td>C1250P225EP--AA---8</td>
<td></td>
<td></td>
<td>12.7</td>
</tr>
<tr>
<td>CNH78P291EP--AA---7</td>
<td>66.3</td>
<td>2.61</td>
<td>11.1</td>
</tr>
<tr>
<td>CNH78P291EP--AA---8</td>
<td></td>
<td></td>
<td>12.7</td>
</tr>
<tr>
<td>CNH78P291EP--AA---9</td>
<td></td>
<td></td>
<td>14.3</td>
</tr>
</tbody>
</table>

**Half round pusher HR**
Ideally suited for indexing, elevating or lowering boxes.

<table>
<thead>
<tr>
<th>Chain type</th>
<th>Chain pitch P</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
</tr>
<tr>
<td>C1200P224HR--AA---</td>
<td>50.8</td>
</tr>
</tbody>
</table>

- For order code of special building pattern see page “Nomenclature”
**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.

<table>
<thead>
<tr>
<th>Chain type</th>
<th>Chain pitch P</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1100P100K1--AA---</td>
<td>25.4 mm 1.00</td>
<td>15.9 mm 0.63</td>
<td>1.9 mm 0.07</td>
<td></td>
</tr>
<tr>
<td>C1150P165K1--AA---</td>
<td>38.1 mm 1.50</td>
<td>19.1 mm 0.75</td>
<td>2.7 mm 0.11</td>
<td></td>
</tr>
<tr>
<td>C1200P224K1--AA---</td>
<td>50.8 mm 2.00</td>
<td>28.9 mm 1.14</td>
<td>2.7 mm 0.11</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chain type</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1100P100K1--AA---</td>
<td>11.5 mm 0.45</td>
<td>10.9 mm 0.43</td>
<td>18 mm 0.71</td>
<td></td>
</tr>
<tr>
<td>C1150P165K1--AA---</td>
<td>17.5 mm 0.69</td>
<td>12.1 mm 0.48</td>
<td>21 mm 0.83</td>
<td></td>
</tr>
<tr>
<td>C1200P224K1--AA---</td>
<td>20.3 mm 0.80</td>
<td>15.2 mm 0.60</td>
<td>28.9 mm 1.14</td>
<td></td>
</tr>
</tbody>
</table>

**Tab type K2**
Molded tab on both sides with two holes.

<table>
<thead>
<tr>
<th>Chain type</th>
<th>Chain pitch P</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1200P224K2--AA---</td>
<td>50.8 mm 2.00</td>
</tr>
<tr>
<td>C1200P224K2--AA---</td>
<td></td>
</tr>
</tbody>
</table>

- 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.

<table>
<thead>
<tr>
<th>Chain type</th>
<th>Chain pitch P</th>
<th>A (mm)</th>
<th>B (mm)</th>
<th>C (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1100P100A1-</td>
<td>25.4</td>
<td>1.00</td>
<td>10.4</td>
<td>0.41</td>
</tr>
<tr>
<td>C1150P165A1-</td>
<td>38.1</td>
<td>1.00</td>
<td>15.2</td>
<td>0.60</td>
</tr>
<tr>
<td>C1200P224A1-</td>
<td>50.8</td>
<td>2.00</td>
<td>17.5</td>
<td>0.69</td>
</tr>
<tr>
<td>C1250P225A1-</td>
<td>63.5</td>
<td>2.50</td>
<td>19.1</td>
<td>0.75</td>
</tr>
</tbody>
</table>

### Tab type A2
Molded tab on both sides with one hole.

<table>
<thead>
<tr>
<th>Chain type</th>
<th>Chain pitch P</th>
<th>A (mm)</th>
<th>B (mm)</th>
<th>C (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1200P224A2-</td>
<td>50.8</td>
<td>2.00</td>
<td>17.5</td>
<td>0.69</td>
</tr>
<tr>
<td>C1250P225A2-</td>
<td>63.5</td>
<td>2.50</td>
<td>19.1</td>
<td>0.75</td>
</tr>
</tbody>
</table>

### Tab type B
Molded tab on one side with one hole.

<table>
<thead>
<tr>
<th>Chain type</th>
<th>Chain pitch P</th>
<th>A (mm)</th>
<th>B (mm)</th>
<th>C (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1100P100A1-</td>
<td>25.4</td>
<td>1.00</td>
<td>10.4</td>
<td>0.41</td>
</tr>
<tr>
<td>C1150P165A1-</td>
<td>38.1</td>
<td>1.00</td>
<td>15.2</td>
<td>0.60</td>
</tr>
<tr>
<td>C1200P224A1-</td>
<td>50.8</td>
<td>2.00</td>
<td>17.5</td>
<td>0.69</td>
</tr>
<tr>
<td>C1250P225A1-</td>
<td>63.5</td>
<td>2.50</td>
<td>19.1</td>
<td>0.75</td>
</tr>
</tbody>
</table>

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). Standard material is NY white

<table>
<thead>
<tr>
<th>Chain type</th>
<th>Chain pitch P</th>
<th>0.75&quot; thread diam. A</th>
<th>Thread length min.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
</tr>
<tr>
<td>C1200P224CT--AA---</td>
<td>50.8</td>
<td>2.00</td>
<td>19.1</td>
</tr>
</tbody>
</table>

- For order code of special building pattern see page “Nomenclature”
**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 lifetime 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

For imperial shaft sizes hub inserts with set screw are available on request.
HabaCHAIN®
Multi-Hub 820 sprocket rims

Description

- Multi-Hub 820 sprocket rim is suitable for 810, 820 and 831 series chains
- The split sprocket rim has molded guide rings
- Different bore configurations can be obtained by using separate Multi-Hub inserts

Sprocket data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Number of teeth</th>
<th>Ø DE</th>
<th>Diam. of pitch Ø d_p</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
</tr>
<tr>
<td>C0820G218</td>
<td>21</td>
<td>128.9</td>
<td>5.07</td>
<td>129.3</td>
</tr>
<tr>
<td>C0820G238</td>
<td>23</td>
<td>142.0</td>
<td>5.59</td>
<td>141.2</td>
</tr>
<tr>
<td>C0820G258</td>
<td>25</td>
<td>153.8</td>
<td>6.06</td>
<td>153.2</td>
</tr>
<tr>
<td>C0820G217</td>
<td>21</td>
<td>128.9</td>
<td>5.07</td>
<td>129.3</td>
</tr>
<tr>
<td>C0820G237</td>
<td>23</td>
<td>142.0</td>
<td>5.59</td>
<td>141.2</td>
</tr>
<tr>
<td>C0820G257</td>
<td>25</td>
<td>153.8</td>
<td>6.06</td>
<td>153.2</td>
</tr>
</tbody>
</table>

- 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
Multi-Hub 820 idler rims

Description

- Multi-Hub 820 idler rim is suitable for all 810, 820, 828, 831, 879B, 880B, 880J, 880LJ, 880M, 881B and 1061M series chains
- Different bore configurations can be obtained by using separate Multi-Hub inserts

Sprocket data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Equivalent number of teeth</th>
<th>Ø DE mm</th>
<th>Ø DE inch</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>C0820L219</td>
<td>21</td>
<td>130.0</td>
<td>5.12</td>
<td>L</td>
</tr>
<tr>
<td>C0820L239</td>
<td>23</td>
<td>142.5</td>
<td>5.61</td>
<td>L</td>
</tr>
<tr>
<td>C0820L259</td>
<td>25</td>
<td>154.5</td>
<td>6.08</td>
<td>L</td>
</tr>
</tbody>
</table>

- Included in delivery: 2 idler rim halves, 4 screws, 4 self-locking nuts
- Nuts and screws: stainless steel

Related products

- Multi-Hub inserts
- Retainer rings
Multi-Hub 821 sprocket rims

Description
- Multi-Hub 821 sprocket rim is suitable for 800 and 821 series chains
- Consisting of two Multi-Hub 881 sprockets set up side-by-side
- Different bore configurations can be obtained by using separate Multi-Hub inserts

Sprocket data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Number of teeth</th>
<th>Ø DE</th>
<th>Diam. of pitch Ø dp</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
</tr>
<tr>
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<td>6.06</td>
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<td>25</td>
<td>153.8</td>
<td>6.06</td>
<td>153.2</td>
</tr>
</tbody>
</table>

- 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 828, 879, 880 and 890 series chains
• Different bore configurations can be obtained by using separate Multi-Hub inserts

Sprocket data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Number of teeth</th>
<th>Ø DE</th>
<th>Diam. of pitch Ø ds</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
</tr>
<tr>
<td>C0880G108</td>
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<td>122.2</td>
<td>4.81</td>
<td>123.3</td>
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<tr>
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<td>147.4</td>
<td>5.80</td>
<td>147.2</td>
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<td>123.3</td>
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<tr>
<td>C0880G127</td>
<td>12</td>
<td>147.4</td>
<td>5.80</td>
<td>147.2</td>
</tr>
</tbody>
</table>

• 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
Multi-Hub 882 sprocket rims

Description

• Multi-Hub 882 sprocket rim is suitable for 882 series chains
• Different bore configurations can be obtained by using separate Multi-Hub inserts

Sprocket data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Number of teeth</th>
<th>Ø DE</th>
<th>Ø dₚ</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>C0882G128</td>
<td>12</td>
<td>150.0</td>
<td>5.91</td>
<td>147.2</td>
</tr>
<tr>
<td>C0882G127</td>
<td>12</td>
<td>150.0</td>
<td>5.91</td>
<td>147.2</td>
</tr>
</tbody>
</table>

• 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 1060 sprocket rim is suitable for 770 and 1061 series chains
- Different bore configurations can be obtained by using separate Multi-Hub inserts

## Sprocket data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Number of teeth</th>
<th>Ø DE</th>
<th>mm</th>
<th>inch</th>
<th>Diam. of pitch Ø d</th>
<th>mm</th>
<th>inch</th>
<th>Material</th>
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<tr>
<td>C1060G168</td>
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<td>5.13</td>
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<td>C1060G187</td>
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<td>146.3</td>
<td>5.76</td>
<td>ND</td>
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<td></td>
</tr>
</tbody>
</table>

- 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 inserts

Description

• Available with round bore only (RL type) or with metric keyway according to ISO standard or imperial keyway according to ANSI standard (RZ type) or square bore (QZS type).
• RZ types are designed to clamp on standard shafts and are suitable for drive applications with all Multi-Hub sprocket rims
• QZS types need retainer rings for axial fixation.
• RL types are designed to spin free on standard shafts
• RL types consist of extra low friction POM (Acetal) material for optimal sliding properties
• RL type inserts can be used for Multi-Hub sprocket rims (intended to be used as an idler) and Multi-Hub idler rims
• Set screw fixation option for imperial bores only.

Sprocket data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Insert type</th>
<th>Bore size d</th>
<th>b</th>
<th>t</th>
<th>Bore shape</th>
<th>Material</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>inch</td>
</tr>
<tr>
<td>H025RZ-8</td>
<td>Drive</td>
<td>25.0</td>
<td>8.0</td>
<td>28.3</td>
<td>Round with keyway</td>
<td>GS</td>
</tr>
<tr>
<td>H030RZ-8</td>
<td>Drive</td>
<td>30.0</td>
<td>8.0</td>
<td>33.3</td>
<td>Round with keyway</td>
<td>GS</td>
</tr>
<tr>
<td>H035RZ-8</td>
<td>Drive</td>
<td>35.0</td>
<td>10.0</td>
<td>38.3</td>
<td>Round with keyway</td>
<td>GS</td>
</tr>
<tr>
<td>H040RZ-8</td>
<td>Drive</td>
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<td>12.0</td>
<td>43.3</td>
<td>Round with keyway</td>
<td>GS</td>
</tr>
<tr>
<td>H040QZS84</td>
<td>Drive</td>
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<tr>
<td>H100RZ-8</td>
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<td>0.25</td>
<td>1.12</td>
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<td>GS</td>
</tr>
<tr>
<td>H125RZ-8</td>
<td>Drive</td>
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<td>0.25</td>
<td>1.37</td>
<td>Round with keyway</td>
<td>GS</td>
</tr>
<tr>
<td>H144RZ-8</td>
<td>Drive</td>
<td>1 7/16</td>
<td>0.38</td>
<td>1.61</td>
<td>Round with keyway</td>
<td>GS</td>
</tr>
<tr>
<td>H150RZ-8</td>
<td>Drive</td>
<td>1 1/2</td>
<td>0.38</td>
<td>1.67</td>
<td>Round with keyway</td>
<td>GS</td>
</tr>
<tr>
<td>H150QZS84</td>
<td>Drive</td>
<td>1 1/2</td>
<td></td>
<td></td>
<td>Round with keyway</td>
<td>GS</td>
</tr>
<tr>
<td>H025RL</td>
<td>Idler</td>
<td>25.0</td>
<td></td>
<td></td>
<td>Round</td>
<td>L</td>
</tr>
<tr>
<td>H030RL</td>
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<td>Round</td>
<td>L</td>
</tr>
<tr>
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<td>L</td>
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<td>H040RL</td>
<td>Idler</td>
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<td>Round</td>
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<td>L</td>
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<td>H125RL</td>
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<td>L</td>
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<td>Idler</td>
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<td></td>
<td></td>
<td>Round</td>
<td>L</td>
</tr>
<tr>
<td>H150RL</td>
<td>Idler</td>
<td>1 1/2</td>
<td></td>
<td></td>
<td>Round</td>
<td>L</td>
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</tbody>
</table>

(Inserts for chains are only “small” type)
Description

- Solid sprocket 600 is suitable for all 600 series chains
- Bore configurations can be machined according to the customer requirements

Sprocket data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Number of teeth</th>
<th>Ø DE mm</th>
<th>Ø DE inch</th>
<th>Diam. of pitch Ø dₚ mm</th>
<th>Diam. of pitch Ø dₚ inch</th>
<th>Material</th>
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<tbody>
<tr>
<td>C0600M06PE</td>
<td>6</td>
<td>128.0</td>
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<td>5.00</td>
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<td>PE</td>
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<td>C0600M10PE</td>
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<td>8.29</td>
<td>205.5</td>
<td>8.09</td>
<td>PE</td>
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<td>C0600M12PE</td>
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<td>285.4</td>
<td>11.24</td>
<td>PE</td>
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</tbody>
</table>

- Other materials available on request
- Available bore sizes:
  - Round [mm] 25, 30, 35, 40, 50, 60
  - Round [inch] 1, 1 3/16, 1 ¼, 1½, 2, 2½
  - Square [mm] 25, 40, 50, 60
  - Square [inch] 1, 1½, 2, 2½
Description

- Solid sprocket 810 is suitable for all 810 series chains
- Bore configurations can be machined according to the customer requirements

Sprocket data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Number of teeth</th>
<th>Ø DE (mm)</th>
<th>Ø DE (inch)</th>
<th>Diam. of pitch Ø dp (mm)</th>
<th>Diam. of pitch Ø dp (inch)</th>
<th>L (mm)</th>
<th>L (inch)</th>
<th>Pilot bore size Ø PB (mm)</th>
<th>Pilot bore size Ø PB (inch)</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>C0810M19NY</td>
<td>19</td>
<td>117.1</td>
<td>4.61</td>
<td>117.4</td>
<td>4.62</td>
<td>42.9</td>
<td>1.69</td>
<td>19.0</td>
<td>0.75</td>
<td>NY</td>
</tr>
<tr>
<td>C0810M21CI</td>
<td>21</td>
<td>130.1</td>
<td>5.12</td>
<td>129.3</td>
<td>5.09</td>
<td>43.5</td>
<td>1.71</td>
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<td>0.79</td>
<td>CI</td>
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<tr>
<td>C0810M21NY</td>
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<td>130.1</td>
<td>5.12</td>
<td>129.3</td>
<td>5.09</td>
<td>42.9</td>
<td>1.69</td>
<td>19.0</td>
<td>0.75</td>
<td>NY</td>
</tr>
<tr>
<td>C0810M23CI</td>
<td>23</td>
<td>142.0</td>
<td>5.59</td>
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<td>5.56</td>
<td>43.5</td>
<td>1.71</td>
<td>20.0</td>
<td>0.79</td>
<td>CI</td>
</tr>
<tr>
<td>C0810M23NY</td>
<td>23</td>
<td>142.0</td>
<td>5.59</td>
<td>141.2</td>
<td>5.56</td>
<td>42.9</td>
<td>1.69</td>
<td>19.0</td>
<td>0.75</td>
<td>NY</td>
</tr>
<tr>
<td>C0810M25CI</td>
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<td>6.07</td>
<td>153.2</td>
<td>6.03</td>
<td>43.5</td>
<td>1.71</td>
<td>20.0</td>
<td>0.79</td>
<td>CI</td>
</tr>
<tr>
<td>C0810M25NY</td>
<td>25</td>
<td>154.2</td>
<td>6.07</td>
<td>153.2</td>
<td>6.03</td>
<td>42.9</td>
<td>1.69</td>
<td>19.0</td>
<td>0.75</td>
<td>NY</td>
</tr>
<tr>
<td>C0810M27NY</td>
<td>27</td>
<td>166.6</td>
<td>6.56</td>
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<td>42.9</td>
<td>1.69</td>
<td>19.0</td>
<td>0.75</td>
<td>NY</td>
</tr>
</tbody>
</table>

- Other materials available on request
- Available bore sizes:
  - Round [mm] 25, 30, 35, 40
  - Round [inch] 1, 1 3/16, 1 1/4, 1 1/2
  - Square [mm] 25, 40
  - Square [inch] 1, 1 1/2
Solid idlers – Series 810

Description

- Solid idler 810 is suitable for all 810, 820, 828, 831, 879B, 880B, 880J, 880LJ, 880M, 881B and 1061M series chains
- Standard idler has a pilot bore
- Bore configurations can be machined according to the customer requirements

Sprocket data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Equivalent number of teeth</th>
<th>Ø DE</th>
<th>Material</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>mm</td>
<td>inch</td>
</tr>
<tr>
<td>C0810L17PE</td>
<td>17</td>
<td>105.0</td>
<td>4.13</td>
</tr>
<tr>
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<td>4.61</td>
</tr>
<tr>
<td>C0810L27PE</td>
<td>27</td>
<td>166.6</td>
<td>6.56</td>
</tr>
</tbody>
</table>

For teeth number 21, 23 and 25 use Multi-Hub 820 idler

Related products

- Retainer rings
HabaCHAIN®
Solid sprockets – Series 820

Description

• Solid sprocket 820 is suitable for all 810, 820 and 831 series chains
• 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
<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>inch</td>
</tr>
<tr>
<td>C0820M17NY</td>
<td>17</td>
<td>105.2</td>
<td>4.14</td>
<td>105.5</td>
<td>4.15</td>
</tr>
<tr>
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<td>19</td>
<td>117.1</td>
<td>4.61</td>
<td>117.4</td>
<td>4.62</td>
</tr>
<tr>
<td>C0820M21CI</td>
<td>21</td>
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<td>5.12</td>
<td>129.3</td>
<td>5.09</td>
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<tr>
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<td>5.12</td>
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<td>5.09</td>
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<td>C0820M23CI</td>
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<td>142.0</td>
<td>5.59</td>
<td>141.2</td>
<td>5.56</td>
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<tr>
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<td>23</td>
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<td>165.2</td>
<td>6.50</td>
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</table>

• Other materials available on request
• Available bore sizes:
  Round [mm]  25, 30, 35, 40
  Round [inch] 1, 1 3/16, 1¼, 1½
  Square [mm]  25, 40
  Square [inch] 1, 1½
Solid sprockets – Series 821

Description

• Solid sprocket 821 is suitable for all 800 and 821 series chains
• Bore configurations can be machined according to the customer requirements

Sprocket data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Number of teeth</th>
<th>Ø DE mm/ inch</th>
<th>Diam. of pitch Ø dp mm/ inch</th>
<th>L mm/ inch</th>
<th>Material</th>
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<tbody>
<tr>
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<td>19</td>
<td>117.1/ 4.61</td>
<td>117.4/ 4.62</td>
<td>79.2/ 3.12</td>
<td>NY</td>
</tr>
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<td>129.3/ 5.09</td>
<td>80.0/ 3.15</td>
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<td>130.1/ 5.12</td>
<td>129.3/ 5.09</td>
<td>79.2/ 3.12</td>
<td>NY</td>
</tr>
<tr>
<td>C0821M23CI</td>
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<td>142.0/ 5.59</td>
<td>141.2/ 5.56</td>
<td>80.0/ 3.15</td>
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<td>C0821M23NY</td>
<td>23</td>
<td>142.0/ 5.59</td>
<td>141.2/ 5.56</td>
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<td>153.2/ 6.03</td>
<td>79.2/ 3.12</td>
<td>NY</td>
</tr>
<tr>
<td>C0821M27NY</td>
<td>27</td>
<td>166.6/ 6.56</td>
<td>165.2/ 6.50</td>
<td>79.2/ 3.12</td>
<td>NY</td>
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<td>177.3/ 6.98</td>
<td>79.2/ 3.12</td>
<td>NY</td>
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</table>

• Other materials available on request
• Available bore sizes:
  Round [mm]    25, 30, 35, 40
  Round [inch]  1, 1 3/16, 1¼, 1½
  Square [mm]   25, 40
  Square [inch] 1, 1½
HabaCHAIN®
Solid sprockets – Series 880

Description

• Solid sprocket 880 is suitable for all 828, 879, 880 and 890 series chains
• Bore configurations can be machined according to the customer requirements

Sprocket data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Number of teeth</th>
<th>Ø DE</th>
<th>Diam. of pitch Ø dp</th>
<th>Pilot bore size Ø PB</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>inch</td>
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<td>186.9</td>
<td>7.36</td>
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<td>7.21</td>
</tr>
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</table>

• Other materials available on request
• Available bore sizes:
  Round [mm] 25, 30, 35, 40
  Round [inch] 1, 1 3/16, 1¼, 1½
  Square [mm] 25, 40
  Square [inch] 1, 1½
**HabaCHAIN®**

**Solid sprockets – Series 881**

**Description**

- Solid sprocket 881 is suitable for all 881 series chains
- Bore configurations can be machined according to the customer requirements

**Sprocket data**

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Number of teeth</th>
<th>Ø DE mm</th>
<th>Diam. of pitch Ø dp mm</th>
<th>L mm</th>
<th>Pilot bore size Ø PB mm</th>
<th>Material</th>
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</thead>
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</table>

- Other materials available on request
- Available bore sizes:
  - Round [mm] 25, 30, 35, 40
  - Round [inch] 1, 1 3/16, 1 ¼, 1 ½
  - Square [mm] 25, 40
  - Square [inch] 1, 1 ½
HabaCHAIN®
Solid sprockets – Series 882

Description

- Solid sprocket 882 is suitable for all 882 series chains
- Bore configurations can be machined according to the customer requirements

Sprocket data

<table>
<thead>
<tr>
<th>Habasit code</th>
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<th>Ø DE mm</th>
<th>Ø DE inch</th>
<th>Diam. of pitch Ø dp mm</th>
<th>Ø dp inch</th>
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<td>7.21</td>
<td>NY</td>
</tr>
</tbody>
</table>

- Other materials available on request
- Available bore sizes:
  Round [mm] 25, 30, 35, 40
  Round [inch] 1, 1 3/16, 1 ¼, 1 ½
  Square [mm] 25, 40
  Square [inch] 1, 1 ½
Solid sprockets – Series 1100

Description

- Solid sprocket 1100 is suitable for all 1100 series chains
- Bore configurations can be machined according to the customer requirements

Sprocket data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Number of teeth</th>
<th>Diam. of pitch $d_p$</th>
<th>Available hub type</th>
<th>Material</th>
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<tbody>
<tr>
<td></td>
<td>mm</td>
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<td>A</td>
<td>B</td>
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- Other materials available on request
- For hub type see page “Nomenclature”
- Available bore sizes:
  - Round [mm]  20, 25, 30, 35, 40
  - Round [inch]  ¾, 1, 1 3/16, 1¼, 1½
  - Square [mm]  25, 40
  - Square [inch]  1, 1½
Solid sprockets – Series 1150

Description

- Solid sprocket 1150 is suitable for all 1150 series chains
- Bore configurations can be machined according to the customer requirements

Sprocket data

<table>
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<tr>
<th>Habasit code</th>
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<th>Material</th>
</tr>
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</table>

- Other materials available on request
- For hub type see page “Nomenclature”
- Available bore sizes:
  Round [mm] 20, 25, 30, 35, 40
  Round [inch] \( \frac{3}{4}, 1, 1\frac{3}{16}, 1\frac{1}{4}, 1\frac{1}{2} \)
  Square [mm] 25, 40
  Square [inch] 1, 1\frac{1}{2}
HabaCHAIN®
Solid sprockets – Series 1200

Description

- Solid sprocket 1200 is suitable for all 1200 and 3200 series chains
- Bore configurations can be machined according to the customer requirements

Sprocket data

<table>
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<th>Habasit code</th>
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<td>PE</td>
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<td>M NY</td>
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<tr>
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<td>M PE</td>
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<td>M PE</td>
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- Other materials available on request
- Split sprockets are available
- For hub type see page “Nomenclature”
- Available bore sizes:
  Round [mm] 25, 30, 35, 40, 50, 60
  Round [inch] 1, 1 3/16, 1¼, 1½, 2, 2½
  Square [mm] 25, 40, 50, 60
  Square [inch] 1, 1½, 2, 2½
HabaCHAIN®
Solid sprockets – Series 1250

Description

- Solid sprocket 1250 is suitable for all 1250 series chains
- Bore configurations can be machined according to the customer requirements

Sprocket data

<table>
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<tr>
<th>Habasit code</th>
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<th>Diam. of pitch $d_p$</th>
<th>Available hub type</th>
<th>Material</th>
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<tr>
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<td>inch</td>
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<tr>
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- Other materials available on request
- For hub type see page “Nomenclature”
- Available bore sizes:
  - Round [mm] 25, 30, 35, 40, 50, 60
  - Round [inch] 1, 1 3/16, 1¼, 1½, 2, 2½
  - Square [mm] 25, 40, 50, 60
  - Square [inch] 1, 1½, 2, 2½
HabaCHAIN®
Solid sprockets – Series 1400

Description

• Solid sprocket 1400 is suitable for all 1400 series chains
• Bore configurations can be machined according to the customer requirements

Sprocket data

<table>
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<th>Diam. of pitch Ø d_p mm</th>
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• Other materials available on request
• 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
Solid sprockets – Series 1700

Description

- Solid sprocket 1700 is suitable for all 1700 series chains
- Bore configurations can be machined according to the customer requirements

Sprocket data

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<th>Habasit code</th>
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- Other materials available on request
- Available bore sizes:
  - Round [mm] 25, 30, 35, 40, 50, 60
  - Round [inch] 1, 1 3/16, 1¼, 1½, 2, 2½
  - Square [mm] 25, 40, 50, 60
  - Square [inch] 1, 1½, 2, 2½
**Description**

- Solid sprocket 3200 is suitable for all 3200 and 1200 series chains
- Bore configurations can be machined according to the customer requirements

**Sprocket data**

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Number of teeth</th>
<th>Diam. of pitch $\varnothing d_p$</th>
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<th>Material</th>
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</thead>
<tbody>
<tr>
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<td>mm</td>
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<td></td>
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<td>307.5</td>
<td>A</td>
<td>NY</td>
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<td>307.5</td>
<td>A</td>
<td>PE</td>
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- Standard material = Polyamide NY
- 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 and round bore 60 mm and 2.5 inch
- Molded sprocket C3200S40Q6 - only available with square bore 40 mm and POM material
- Molded sprocket C3200S03Q6 - only available with square bore 1.5 inch and POM material
- For hub type see page “Nomenclature”
Solid sprockets – Series 7100

**Description**

- For each 7100 series chain width one different solid sprocket 7100 is available
- Standard sprocket has a 25 mm bore with keyway

**Sprocket data**

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Number of teeth</th>
<th>Ø DE</th>
<th>Diam. of pitch Ø d_p</th>
<th>L</th>
<th>Bore size d</th>
<th>Bore shape</th>
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<tbody>
<tr>
<td></td>
<td>mm</td>
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<td>mm</td>
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<td>5.44</td>
<td>129.2</td>
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<td>129.2</td>
<td>5.09</td>
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<td>1.98</td>
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- R2/Q2: for C7100P0248 chain
- R3/Q3: for C7100K0325 chain
- R4/Q4: for C7100K0405 chain
HabaCHAIN®
Solid idlers – Series 7100

Description

- For each 7100 series chain width one different solid idler 7100 is available
- Standard idler has two 35 mm bores for bearings

\[
\begin{array}{cccccccccc}
\text{Habasit code} & \text{Equivalent number of teeth} & \text{Ø DE} & \text{C} & \text{L} & \text{B} & \text{Bore size d} & \text{Material} \\
\text{mm} & \text{inch} & \text{mm} & \text{inch} & \text{mm} & \text{inch} & \text{mm} & \text{inch} & \\
C7100L16NY15R2 & 16 & 119.5 & 4.70 & 38.0 & 1.50 & 25.0 & 0.98 & 15.2 & 0.60 & \text{NY} \\
C7100L16NY35R2 & 16 & 119.5 & 4.70 & 35.0 & 1.38 & 25.0 & 0.98 & 31.0 & 1.22 & \text{NY} \\
C7100L12NY15R3 & 12 & 117.8 & 4.64 & 50.0 & 1.97 & 33.8 & 1.33 & 15.2 & 0.60 & \text{NY} \\
C7100L12NY35R3 & 12 & 117.8 & 4.64 & 35.0 & 1.38 & 33.8 & 1.33 & 31.0 & 1.22 & \text{NY} \\
C7100L12NY15R4 & 12 & 123.0 & 4.84 & 70.5 & 2.78 & 49.0 & 1.93 & 15.2 & 0.60 & \text{NY} \\
C7100L12NY35R4 & 12 & 123.0 & 4.84 & 35.0 & 1.38 & 49.0 & 1.93 & 31.0 & 1.22 & \text{NY} \\
\end{array}
\]

- R2: for C7100K0248 chain
- R3: for C7100K0325 chain
- R4: for C7100K0405 chain
- Other materials available on request
HabaCHAIN®

Solid sprockets – Series NH78

Description

- Solid sprocket NH78 is suitable for all NH78 series chains
- Bore configurations can be machined according to the customer requirements

Sprocket data

<table>
<thead>
<tr>
<th>Habasit code</th>
<th>Number of teeth</th>
<th>Ø DE</th>
<th>Diam. of pitch Ø dₚ</th>
<th>Material</th>
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- Other materials available on request
- Available bore sizes:
  - Round [mm] 25, 30, 35, 40, 50, 60
  - Round [inch] 1, 1 3/16, 1¼, 1½, 2, 2½
  - Square [mm] 25, 40, 50, 60
  - Square [inch] 1, 1½, 2, 2½
HabaCHAIN®
Split sprockets – Series 1061

Description

• Split sprocket 1061 is suitable for 770 and 1061 series chains
• For teeth number 16 and 18 see Multi-Hub 1060 sprocket
• Bore configurations can be machined according to the customer requirements

Sprocket data

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<th>Habasit code</th>
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<th>Ø DE</th>
<th>Diam. of pitch Ø dₚ</th>
<th>Material</th>
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• Other materials available on request
• Available bore sizes:
  Round [mm] 25, 30, 35, 40
  Round [inch] 1, 1 3/16, 1 ¼, 1½
  Square [mm] 25, 40
  Square [inch] 1, 1½
Description

- For axial fixation of sprockets and idlers
- Easy installation from one side, no shaft turning for screw fixing necessary

Sprocket data

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<tr>
<th>Habasit code</th>
<th>A</th>
<th>inch</th>
<th>C</th>
<th>inch</th>
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<th>Bore shape</th>
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- Included in delivery: 2 retainer ring halves, 2 screws, 2 self-locking nuts
- Nuts and screws: stainless steel
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

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<th>Chemical</th>
<th>PP</th>
<th>PE</th>
<th>DP-LF-PT</th>
<th>TS PK-EC-DE</th>
<th>WR-NY-HT L pin-GS</th>
<th>ND</th>
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## Chemical resistance – Plastics

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

### Materials

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# Appendix
## Chemical resistance – Plastics

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

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# Appendix

## Chemical resistance – Plastics

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

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### Chemical resistance – Plastics

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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

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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 the 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.
The Habasit solution

Customers first
At Habasit we understand that our success depends on your success. This is why we offer solutions, not just products; partnership, not just sales.

Since our foundation in 1946, Habasit has brought this understanding of customer needs to life every day and for every application. That’s why we’re the No. 1 in belting today. Worldwide.

Learn more at www.habasit.com

Committed to innovation
Because our customers’ belting challenges and needs never cease, we consistently dedicate a substantial percentage of our employees and resources to the research and development of new products and solutions.

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 9001:2008.

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 always a specific, tailor-made solution.

Fabric-based conveyor and processing belts
HabaFLOW®

Plastic modular belts
HabasitLINK®

Positive drive conveyor and processing belts
Habasit Cleandrive™

Power transmission belts
HabaDRIVE®

Timing belts
HabaSYNC®

Chains (slat and conveyor chains)
HabaCHAIN®

Machine tapes

Round belts

Seamless belts

Profiles, Guides, Wear strips
HabiPLAST®

Fabrication tools (joining tools)

Gearmotors
Electric motors
Motion control