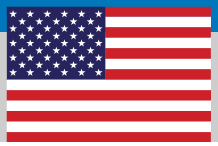


*Exceptional Performance, Superior Results*

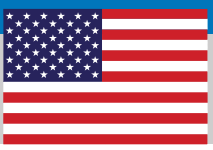


# Transport Chains

Telephone: 309-698-9250

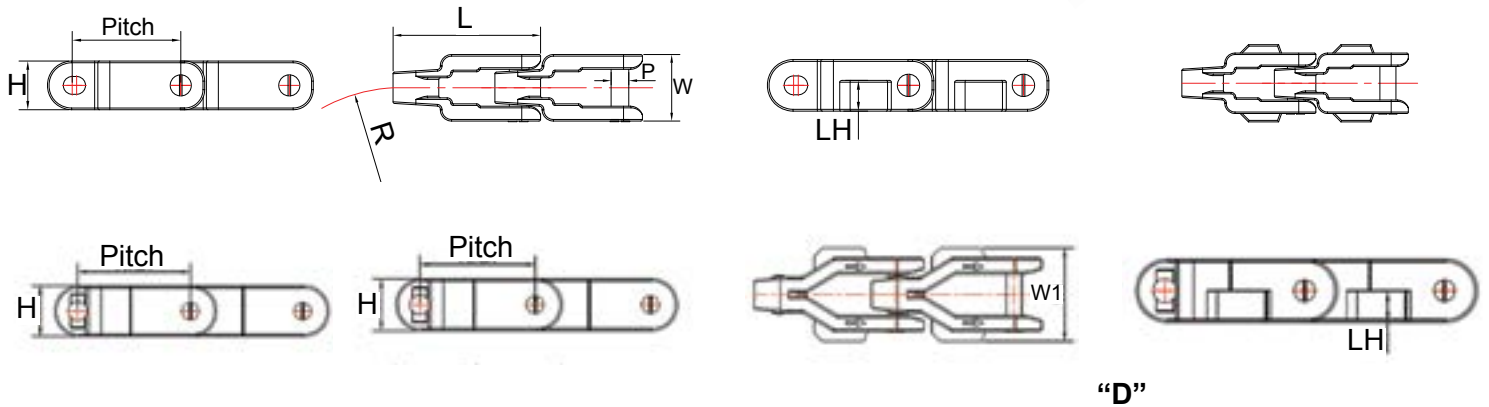


**COBALT**  
a CROMANT chain company



**TRANSPORT CHAINS & DRIVE SPROCKETS**

Cobalt Chains transport case chains are available in several steel alloys for heavy duty applications and five polymeric materials for medium and lighter-duty use. These chains are widely used for handling cases or crates in bottle washing plants. They are also used for moving kegs in breweries and transporting gas bottles for cleaning and filling. Cobalt Chains complementary sprockets are expertly engineered for high-strength and long-lasting durability. This is achieved by using the best design based on experience and selecting premium materials for the construction.

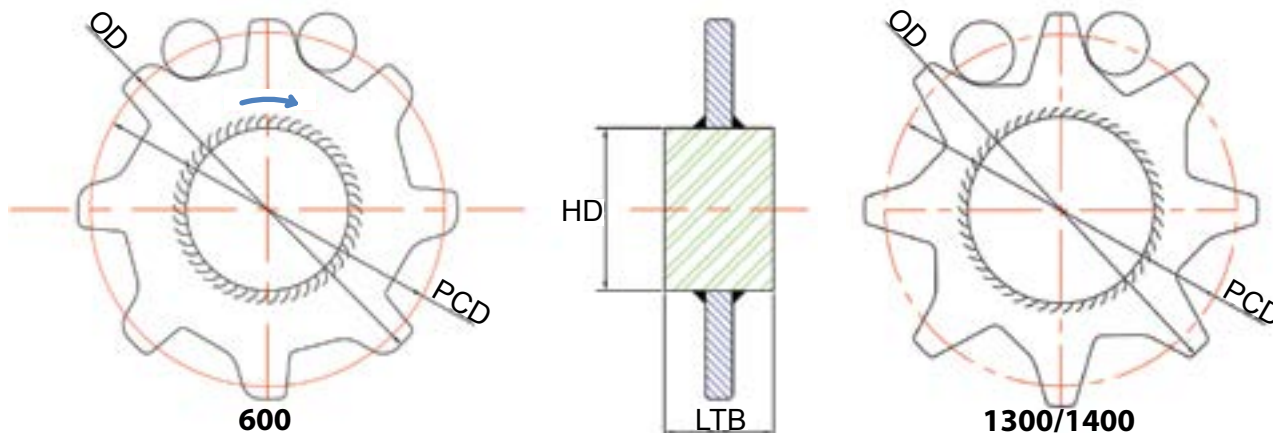


| 600 Series Steel ("C") & Plastic ("P") |       |        |          |       |                    |                  |       |               |       |                  |       |          |       |               |       |                   |        |                           |        |        |       |
|--|-------|--------|----------|-------|--------------------|------------------|-------|---------------|-------|------------------|-------|----------|-------|---------------|-------|-------------------|--------|---------------------------|--------|--------|-------|
| Chain                                  | Pitch |        | Pin Dia. |       | Available Pin Type | Overall Length L |       | Chain Width W |       | Overall Width W1 |       | Height H |       | Lug Height LH |       | Min Turn Radius R |        | Ultimate Tensile Strength |        | Weight |       |
|  | in    | mm     | in       | mm    |                    | in               | mm    | in            | mm    | in               | mm    | in       | mm    | in            | mm    | in                | mm     | lbs                       | kg     | lbs/ft | kg/m  |
|  | CC600 | 2.500  | 63.500   | 0.44  |                    | 11.00            | K     | 3.55          | 90.20 | 1.69             | 42.90 | N/A      | N/A   | 1.12          | 28.45 | N/A               | N/A    | 30.00                     | 762.00 | 10,000 | 4,540 |
| CC600D                                 | 2.500 | 63.500 | 0.44     | 11.00 | K                  | 3.55             | 90.20 | 1.69          | 42.90 | 2.12             | 53.85 | 1.12     | 28.45 | 0.56          | 14.20 | 30.00             | 762.00 | 10,000                    | 4,540  | 3.70   | 1.45  |
| PM600                                  | 2.500 | 63.500 | 0.44     | 11.00 | S, C, R            | 3.55             | 90.20 | 1.69          | 42.90 | N/A              | N/A   | 1.12     | 28.45 | N/A           | N/A   | 30.00             | 762.00 | 3,395                     | 1,540  | 0.92   | 1.37  |
| PM600D                                 | 2.500 | 63.500 | 0.44     | 11.00 | S, C, R            | 3.55             | 90.20 | 1.69          | 42.90 | 9.12             | 53.85 | 1.12     | 28.45 | 0.67          | 17.02 | 30.00             | 762.00 | 3,395                     | 1,540  | 0.97   | 1.44  |

| 1300/1400 Series Steel ("C") & Plastic ("P") |        |        |          |       |                    |                  |        |               |        |                  |       |          |       |               |       |                   |        |                           |       |        |       |
|--|--------|--------|----------|-------|--------------------|------------------|--------|---------------|--------|------------------|-------|----------|-------|---------------|-------|-------------------|--------|---------------------------|-------|--------|-------|
| Chain  | Pitch  |        | Pin Dia. |       | Available Pin Type | Overall Length L |        | Chain Width W |        | Overall Width W1 |       | Height H |       | Lug Height LH |       | Min Turn Radius R |        | Ultimate Tensile Strength |       | Weight |       |
|  | in     | mm     | in       | mm    |                    | in               | mm     | in            | mm     | in               | mm    | in       | mm    | in            | mm    | in                | mm     | lbs                       | kg    | lbs/ft | kg/m  |
|  | CC1300 | 3.250  | 82.550   | 0.44  |                    | 11.00            | K      | 4.65          | 118.10 | 2.00             | 50.80 | N/A      | N/A   | 1.50          | 38.10 | N/A               | N/A    | 40.00                     | 1,016 | 14,991 | 6,800 |
| CC1300D                                      | 3.250  | 82.550 | 0.44     | 11.00 | K                  | 4.65             | 118.10 | 2.00          | 50.80  | 2.63             | 66.68 | 1.50     | 38.10 | 0.75          | 19.05 | 40.00             | 1,016  | 14,991                    | 6,800 | 13.00  | 19.35 |
| PM1400                                       | 3.250  | 82.550 | 0.44     | 11.00 | S, C, R            | 4.65             | 118.10 | 2.00          | 50.80  | N/A              | N/A   | 1.50     | 38.10 | N/A           | N/A   | 26.00             | 660.00 | 4,993                     | 2,265 | 1.40   | 2.08  |
| PM1400D                                      | 3.250  | 82.550 | 0.44     | 11.00 | S, C, R            | 4.65             | 118.10 | 2.00          | 50.80  | 2.63             | 66.68 | 1.50     | 38.10 | 0.75          | 19.05 | 26.00             | 660.00 | 4,993                     | 2,265 | 1.53   | 2.27  |



**TRANSPORT CHAINS & DRIVE SPROCKETS**



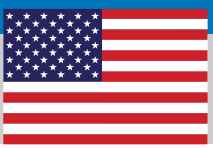
| <b>PM600</b> |              |              |           |          |       |        |       |        |                 |          |
|--------------|--------------|--------------|-----------|----------|-------|--------|-------|--------|-----------------|----------|
| Cast         | Plastic      | No. of Teeth | Hub Sizes |          | PCD   |        | O/D   |        | O/D Short Tooth |          |
|              |              |              | Dia. in   | Thro. in | in    | mm     | in    | mm     | in              | mm       |
| 41/CC600/6T  | 36/PM600/6T  | 6            | 3.00      | 2.25     | 5.00  | 127.00 | 5.60  | 142.30 | -               | -        |
| 41/CC600/8T  | 36/PM600/8T  | 8            | 3.50      | 2.50     | 6.53  | 165.90 | 7.00  | 177.80 | 6.50            | 1,651.00 |
| 41/CC600/10T | 36/PM600/10T | 10           | 4.50      | 2.50     | 8.09  | 205.50 | 9.20  | 234.00 | 8.25            | 210.00   |
| 41/CC600/12T | 36/PM600/12T | 12           | 5.00      | 2.75     | 9.66  | 245.40 | 10.25 | 260.00 | 10.00           | 254.00   |
| 41/CC600/14T | 36/PM600/14T | 14           | 5.00      | 3.00     | 11.24 | 285.50 | 12.30 | 312.00 | 11.60           | 295.00   |

Note: Short tooth form available for CC600 closed top.

| <b>1300/1400</b> |               |              |           |          |       |        |       |        |    |    |
|------------------|---------------|--------------|-----------|----------|-------|--------|-------|--------|----|----|
| Cast             | Plastic       | No. of Teeth | Hub Sizes |          | PCD   |        | O/D   |        |    |    |
|                  |               |              | Dia. in   | Thro. in | in    | mm     | in    | mm     | in | mm |
| 41/CC1400/8T     | 36/PM1300/8T  | 8            | 3.50      | 2.25     | 8.49  | 215.65 | 9.40  | 239.00 |    |    |
| 41/CC1400/10T    | 36/PM1300/10T | 10           | 4.00      | 3.00     | 10.52 | 267.20 | 11.63 | 295.00 |    |    |
| 41/CC1400/12T    | 36/PM1300/12T | 12           | 5.50      | 3.00     | 12.56 | 319.00 | 13.75 | 349.00 |    |    |
| 41/CC1400/14T    | 36/PM1300/14T | 14           | 5.50      | 3.50     | 14.61 | 371.10 | 15.80 | 401.00 |    |    |

| <b>Split Construction Sprockets with Polyethylene Tooth Rings</b> |              |           |     |       |       |       |        |    |
|---|--------------|-----------|-----|-------|-------|-------|--------|----|
| Plastic   | No. of Teeth | Hub Sizes |     |       |       | PCD   |        |    |
|   |              | in        | mm  | in    | mm    | in    | mm     | mm |
| 36/PM600/6TS  | 6            | 4         | 100 | 2.00  | 50.00 | 5.00  | 127.00 |    |
| 36/PM600/8TS  | 8            | 4         | 100 | 2.00  | 50.00 | 6.53  | 165.90 |    |
| 36/PM600/10TS   | 10           | 4         | 100 | 2.00  | 50.00 | 8.09  | 205.50 |    |
| 36/PM600/12TS   | 12           | 4         | 100 | 2.00  | 50.00 | 9.66  | 245.40 |    |
| 36/PM600/14TS   | 14           | 4         | 100 | 2.00  | 50.00 | 11.24 | 285.50 |    |
| 36/PM1300/8TS   | 8            | 4         | 100 | 2 1/2 | 63.50 | 8.49  | 215.65 |    |
| 36/PM1300/10TS  | 10           | 4         | 100 | 2 1/2 | 63.50 | 10.52 | 267.20 |    |
| 36/PM1300/12TS  | 12           | 4         | 100 | 2 1/2 | 63.50 | 12.56 | 319.00 |    |
| 36/PM1300/14TS  | 14           | 4         | 100 | 2 1/2 | 63.50 | 14.61 | 371.10 |    |

Other diameters available on request

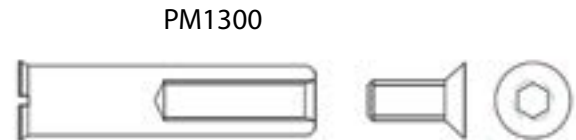


**TRANSPORT CHAIN ENGINEERING PLASTICS & PIN STYLES**

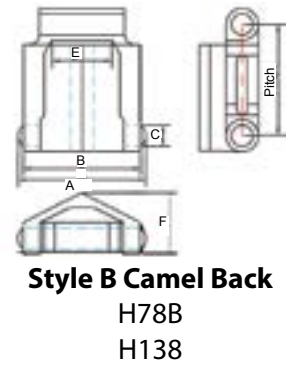
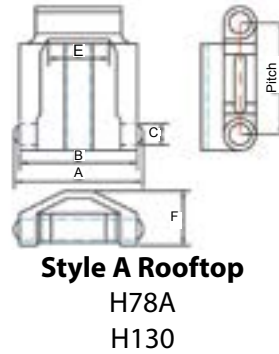
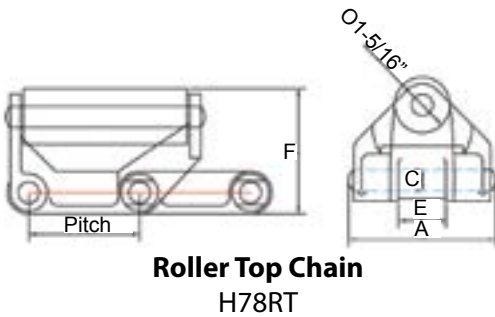
- PM - Acetal Copolymer with self-lubricating components
- LF - Acetal Copolymer with advanced self-lubricating quality
- SLF - Acetal Copolymer offering lowest friction resistance
- HP - Homopolymer offering 20% increase in strength & hardness
- PP - Polypropylene with high material toughness & steam resistant



Steel & Plastic Transport Chains



**TRANSFER CHAINS**



| Transfer Chains |       |         |                           |       |      |       |      |       |      |       |      |       |      |       |        |
|-----------------|-------|---------|---------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|--------|
| Chain           | Pitch |         | Minimum Ultimate Strength |       | A    |       | B    |       | C    |       | E    |       | F    |       | Weight |
|                 | in    | mm      | lbs                       | Kg    | in   | mm    | in   | mm    | in   | mm    | in   | mm    | in   | mm    | lbs/ft |
| CH78A           | 2.609 | 66.269  | 16,000                    | 7,200 | 3.50 | 88.90 | 2.75 | 69.85 | 0.50 | 12.70 | 1.13 | 28.58 | 1.69 | 42.68 | 5.60   |
| CH78B           | 2.609 | 66.269  | 16,000                    | 7,200 | 3.50 | 88.90 | 2.75 | 69.85 | 0.50 | 12.70 | 1.13 | 28.58 | 1.69 | 42.68 | 6.10   |
| CH130           | 4.000 | 101.600 | 14,000                    | 6,400 | 3.50 | 88.90 | 2.81 | 71.45 | 0.50 | 12.70 | 1.00 | 25.40 | 1.69 | 42.68 | 5.20   |
| CH138           | 4.000 | 101.600 | 15,000                    | 6,800 | 3.50 | 88.90 | 2.81 | 71.45 | 0.50 | 12.70 | 1.00 | 25.40 | 1.69 | 42.68 | 5.80   |
| CH78RT          | 2.609 | 66.269  | 16,000                    | 7,200 | A+B  |       | 3.25 | 82.55 | 0.50 | 12.70 | 1.13 | 28.58 | 2.94 | 74.62 | 8.45   |