

Product range



**Eurochain**  
**Drive and conveyor chains**



# Here, not only the price is right, but quality and performance as well



## Quality that stands up to any comparison

EUROCHAIN stands for solid, reliable quality – absolutely equal to the top brands of other European suppliers. EUROCHAIN chains are manufactured in accordance with DIN ISO 9001 and have solid rollers as standard. The breaking strength is significantly above the minimum DIN values.

Consistent pre-stretching results in minimum initial elongation. All EUROCHAIN chains have blued outer plates and are labeled with the EUROCHAIN stamp – no no-name product, but quality with a good reputation.

## No nasty surprises

The EUROCHAIN logo and plate stamp are internationally protected. This eliminates the possibility of inferior copies and fraudulent imitators.

## Money saving aspects

EUROCHAIN chains are provided with an effective initial lubrication (hot lubricant) and are therefore ready to be installed immediately. Temperature ranges from -25 °C up to +250 °C. Possible alternative is a low temperature lubricant from a range of -50 °C up to +50 °C.

## 48-hour delivery service

EUROCHAIN standard lengths (5 m carton boxes or reels) are delivered nationwide within 48 hours from an excellently stocked warehouse. In particularly urgent cases we offer 24-hour service. The EUROCHAIN assortment can also be supplied in customized lengths.

## Conveyor chains made-to-order

Our eurochain competence center in Wilnsdorf is focused on customized conveyor chains with wide attachment plates, bent attachment plates and extendend pins. Short delivery times are guaranteed.

## Considerable price advantages

In the mid-market segment, EUROCHAIN chains offer considerable price advantages compared to established suppliers. This outstanding value for money makes them even more interesting. EUROCHAIN really saves you money.

”The **EUROCHAIN** chain is a brand-name product. The chains are manufactured according to the strict **iwis** guidelines and are subject to constant quality control on location.”

## Product range

### Roller chains

- 4 Roller chains according to DIN 8187
- 6 Roller chains with straight side plates according to DIN 8187

### Conveyor chains

- 7 Roller chains with narrow bent and straight attachment plates according to DIN 8187
- 8 Roller chains with wide bent and straight attachment plates according to DIN 8187
- 9 Roller chains with extended pins according to DIN 8187

### Roller chains ANSI

- 10 Roller chains according to DIN 8188, american standard, ISO 606

### Side bow chains

- 10 Side bow chains for transporting, conveying, pulling on curved shape tracks

### Stainless steel roller chains

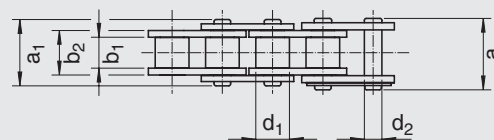
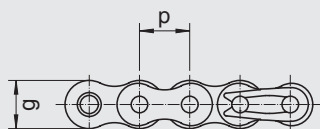
- 11 Stainless steel roller chains according to DIN 8187, AISI 302-304

## Roller chains

according to DIN 8187, ISO 606

| Eurochain designation | DIN/ISO No. | Pitch p |        | Inner width<br>b <sub>1</sub> min. (mm) | Roller diameter<br>d <sub>1</sub> max. (mm) | Pin diameter<br>d <sub>2</sub> max. (mm) | Pin length chain<br>a <sub>1</sub> (mm) | Pin length conn. link **<br>a (mm) | Plate height<br>g (mm) | Inner link width<br>b <sub>2</sub> max. (mm) | Transverse pitch<br>e (mm) | Breaking strength<br>DIN min. (N) | Weight per meter<br>(kg) | Article No. |
|-----------------------|-------------|---------|--------|-----------------------------------------|---------------------------------------------|------------------------------------------|-----------------------------------------|------------------------------------|------------------------|----------------------------------------------|----------------------------|-----------------------------------|--------------------------|-------------|
|                       |             | mm      | inches |                                         |                                             |                                          |                                         |                                    |                        |                                              |                            |                                   |                          |             |
| EC-4-M                | 04 B-1      | 6       | –      | 2,92                                    | 3,69                                        | 1,78                                     | 6,8                                     | 7,4                                | 4,97                   | 4,2                                          | –                          | 3.000                             | 0,106                    | 40001782    |
| EC-6-M*               | 06 B-1      | 9,525   | 3/8    | 5,72                                    | 6,35                                        | 3,28                                     | 13,0                                    | 14,2                               | 8,26                   | 8,53                                         | –                          | 9.000                             | 0,45                     | 40000663    |
| EC-6-D*               | 06 B-2      | 9,525   | 3/8    | 5,72                                    | 6,35                                        | 3,28                                     | 23,8                                    | 24,5                               | 8,26                   | 8,53                                         | 10,24                      | 16.900                            | 0,80                     | 40002715    |
| EC-6-T*               | 06 B-3      | 9,525   | 3/8    | 5,72                                    | 6,35                                        | 3,28                                     | 33,5                                    | 34,8                               | 8,26                   | 8,53                                         | 10,24                      | 24.900                            | 1,20                     | 40002716    |
| EC-8-M                | 08 B-1      | 12,700  | 1/2    | 7,75                                    | 8,51                                        | 4,45                                     | 16,4                                    | 19,0                               | 11,80                  | 11,30                                        | –                          | 18.000                            | 0,68                     | 40000666    |
| EC-8-D                | 08 B-2      | 12,700  | 1/2    | 7,75                                    | 8,51                                        | 4,45                                     | 30,4                                    | 32,9                               | 11,80                  | 11,30                                        | 13,92                      | 32.000                            | 1,35                     | 40002720    |
| EC-8-T                | 08 B-3      | 12,700  | 1/2    | 7,75                                    | 8,51                                        | 4,45                                     | 44,5                                    | 47,0                               | 11,80                  | 11,30                                        | 13,92                      | 47.500                            | 2,00                     | 40002721    |
| EC-10-M               | 10 B-1      | 15,875  | 5/8    | 9,65                                    | 10,16                                       | 5,08                                     | 18,8                                    | 21,0                               | 14,73                  | 13,28                                        | –                          | 22.400                            | 0,91                     | 40000669    |
| EC-10-D               | 10 B-2      | 15,875  | 5/8    | 9,65                                    | 10,16                                       | 5,08                                     | 35,8                                    | 37,8                               | 14,73                  | 13,28                                        | 16,59                      | 44.500                            | 1,84                     | 40002725    |
| EC-10-T               | 10 B-3      | 15,875  | 5/8    | 9,65                                    | 10,16                                       | 5,08                                     | 52,4                                    | 54,4                               | 14,73                  | 13,28                                        | 16,59                      | 66.700                            | 2,75                     | 40002726    |
| EC-12-M               | 12 B-1      | 19,050  | 3/4    | 11,68                                   | 12,07                                       | 5,72                                     | 21,8                                    | 23,7                               | 16,10                  | 15,62                                        | –                          | 29.000                            | 1,25                     | 40000672    |
| EC-12-M-V***          | 12 B-1 V    | 19,050  | 3/4    | 11,68                                   | 12,07                                       | 5,72                                     | 25,95                                   | 28,05                              | 15,80                  | 17,91                                        | –                          | 40.000                            | 1,49                     | 40000880    |
| EC-12-D               | 12 B-2      | 19,050  | 3/4    | 11,68                                   | 12,07                                       | 5,72                                     | 41,5                                    | 43,5                               | 16,10                  | 15,62                                        | 19,46                      | 57.800                            | 2,50                     | 40002730    |
| EC-12-T               | 12 B-3      | 19,050  | 3/4    | 11,68                                   | 12,07                                       | 5,72                                     | 61,0                                    | 63,0                               | 16,10                  | 15,62                                        | 19,46                      | 86.700                            | 3,80                     | 40002731    |

Nickel-plated chains are available on request \* with straight side plates \*\* a = conn. link with spring clip \*\*\* heavy duty

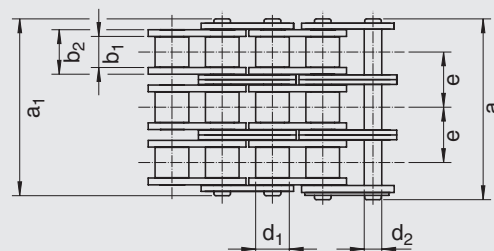
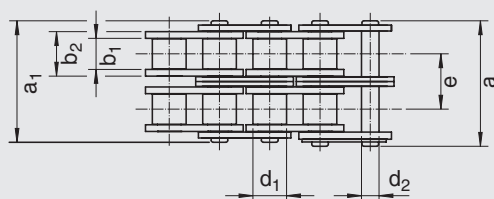


## Roller chains

according to DIN 8187, ISO 606

| Eurochain designation | DIN/ISO No. | Pitch p |        | Inner width $b_1$ min. (mm) | Roller diameter $d_1$ max. (mm) | Pin diameter $d_2$ max. (mm) | Pin length chain $a_1$ (mm) | Pin length conn. link ** $a$ (mm) | Plate height $g$ (mm) | Inner link width $b_2$ max. (mm) | Transverse pitch $e$ (mm) | Breaking strength DIN min. (N) | Weight per meter (kg) | Article No. |
|-----------------------|-------------|---------|--------|-----------------------------|---------------------------------|------------------------------|-----------------------------|-----------------------------------|-----------------------|----------------------------------|---------------------------|--------------------------------|-----------------------|-------------|
|                       |             | mm      | inches |                             |                                 |                              |                             |                                   |                       |                                  |                           |                                |                       |             |
| EC-16-M               | 16 B-1      | 25,40   | 1      | 17,02                       | 15,88                           | 8,28                         | 36,1                        | 36,9                              | 21,0                  | 25,4                             | –                         | 60.000                         | 2,70                  | 40002732    |
| EC-16-D               | 16 B-2      | 25,40   | 1      | 17,02                       | 15,88                           | 8,28                         | 68,0                        | 68,0                              | 21,0                  | 25,4                             | 31,88                     | 106.000                        | 5,40                  | 40002733    |
| EC-16-T               | 16 B-3      | 25,40   | 1      | 17,02                       | 15,88                           | 8,28                         | 99,9                        | 100,7                             | 21,0                  | 25,4                             | 31,88                     | 160.000                        | 8,00                  | 40002734    |
| EC-20-M               | 20 B-1      | 31,75   | 1 1/4  | 19,56                       | 19,05                           | 10,19                        | 43,2                        | 45,3                              | 26,4                  | 29,0                             | –                         | 95.000                         | 3,58                  | 40005137    |
| EC-20-D               | 20 B-2      | 31,75   | 1 1/4  | 19,56                       | 19,05                           | 10,19                        | 79,0                        | 81,8                              | 26,4                  | 29,0                             | 36,40                     | 170.000                        | 7,14                  | 40005932    |
| EC-20-T               | 20 B-3      | 31,75   | 1 1/4  | 19,56                       | 19,05                           | 10,19                        | 116,0                       | 118,3                             | 26,4                  | 29,0                             | 36,40                     | 250.000                        | 10,70                 | 40005207    |
| EC-24-M               | 24 B-1      | 38,10   | 1 1/2  | 25,40                       | 25,40                           | 14,63                        | 53,4                        | 60,0                              | 33,4                  | 37,9                             | –                         | 160.000                        | 6,86                  | 40005206    |
| EC-24-D               | 24 B-2      | 38,10   | 1 1/2  | 25,40                       | 25,40                           | 14,63                        | 101,0                       | 108,4                             | 33,4                  | 37,9                             | 48,36                     | 280.000                        | 13,68                 | 40005210    |
| EC-24-T               | 24 B-3      | 38,10   | 1 1/2  | 25,40                       | 25,40                           | 14,63                        | 150,0                       | 156,8                             | 33,4                  | 37,9                             | 48,36                     | 425.000                        | 20,50                 | 40005212    |
| EC-32-M               | 32 B-1      | 50,80   | 2      | 30,99                       | 29,21                           | 17,81                        | 67,4                        | 71,9                              | 42,2                  | 45,5                             | –                         | 250.000                        | 9,33                  | 40005133    |
| EC-32-D               | 32 B-2      | 50,80   | 2      | 30,99                       | 29,21                           | 17,81                        | 126,0                       | 130,4                             | 42,2                  | 45,5                             | 58,55                     | 450.000                        | 18,60                 | 40005214    |
| EC-32-T               | 32 B-3      | 50,80   | 2      | 30,99                       | 29,21                           | 17,81                        | 184,0                       | 189,0                             | 42,2                  | 45,5                             | 58,55                     | 670.000                        | 27,87                 | 40002230    |

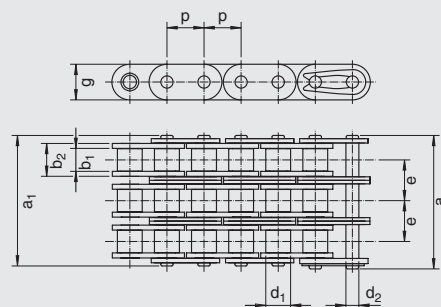
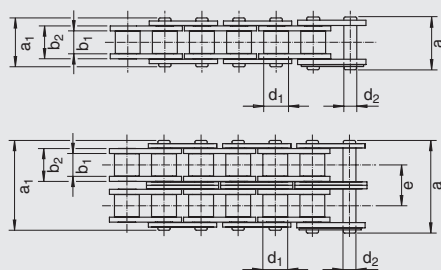
Nickel-plated chains are available on request \*\* a = conn. link with spring clip



## Roller chains with straight side plates according to DIN 8187, ISO 606

| Eurochain designation | DIN/ISO No. | Pitch p |        | Inner width b <sub>1</sub> min. |        | Roller diameter d <sub>1</sub> max. (mm) | Pin diameter d <sub>2</sub> max. (mm) | Pin length chain a <sub>1</sub> (mm) | Pin length conn. link ** a (mm) | Plate height g (mm) | Inner link width b <sub>2</sub> max. (mm) | Transverse pitch e (mm) | Breaking strength DIN min. (N) | Weight per meter (kg) | Article No. |
|-----------------------|-------------|---------|--------|---------------------------------|--------|------------------------------------------|---------------------------------------|--------------------------------------|---------------------------------|---------------------|-------------------------------------------|-------------------------|--------------------------------|-----------------------|-------------|
|                       |             | mm      | inches | mm                              | inches |                                          |                                       |                                      |                                 |                     |                                           |                         |                                |                       |             |
| EC-6-M GL             | 06 B-1      | 9,525   | 3/8    | 5,72                            | 7/32   | 6,35                                     | 3,28                                  | 13,0                                 | 15,12                           | 8,2                 | 8,53                                      | –                       | 9.000                          | 0,45                  | 40000663    |
| EC-6-D GL             | 06 B-2      | 9,525   | 3/8    | 5,72                            | 7/32   | 6,35                                     | 3,28                                  | 23,8                                 | 26,15                           | 8,2                 | 8,53                                      | 10,24                   | 16.900                         | 0,80                  | 40002715    |
| EC-6-T GL             | 06 B-3      | 9,525   | 3/8    | 5,72                            | 7/32   | 6,35                                     | 3,28                                  | 33,5                                 | 34,80                           | 8,2                 | 8,53                                      | 10,24                   | 24.900                         | 1,20                  | 40002716    |
| EC-8-M GL             | 08 B-1      | 12,700  | 1/2    | 7,75                            | 5/16   | 8,51                                     | 4,45                                  | 16,4                                 | 19,00                           | 11,8                | 11,30                                     | –                       | 18.000                         | 0,68                  | 40000732    |
| EC-8-D GL             | 08 B-2      | 12,700  | 1/2    | 7,75                            | 5/16   | 8,51                                     | 4,45                                  | 30,4                                 | 32,90                           | 11,8                | 11,30                                     | 13,92                   | 32.000                         | 1,35                  | 40000733    |
| EC-8-T GL             | 08 B-3      | 12,700  | 1/2    | 7,75                            | 5/16   | 8,51                                     | 4,45                                  | 44,5                                 | 47,00                           | 11,8                | 11,30                                     | 13,92                   | 47.500                         | 2,00                  | 40000734    |
| EC-10-M GL            | 10 B-1      | 15,875  | 5/8    | 9,65                            | 3/8    | 10,16                                    | 5,08                                  | 18,8                                 | 21,00                           | 13,9                | 13,28                                     | –                       | 22.400                         | 0,91                  | 40000735    |
| EC-10-D GL            | 10 B-2      | 15,875  | 5/8    | 9,65                            | 3/8    | 10,16                                    | 5,08                                  | 35,8                                 | 36,80                           | 13,9                | 13,28                                     | 16,59                   | 44.500                         | 1,84                  | 40000736    |
| EC-10-T GL            | 10 B-3      | 15,875  | 5/8    | 9,65                            | 3/8    | 10,16                                    | 5,08                                  | 52,4                                 | 54,40                           | 13,9                | 13,28                                     | 16,59                   | 66.700                         | 2,75                  | 40000737    |
| EC-12-M GL            | 12 B-1      | 19,050  | 3/4    | 11,68                           | 7/16   | 12,07                                    | 5,72                                  | 21,8                                 | 23,70                           | 16,1                | 15,62                                     | –                       | 29.000                         | 1,25                  | 40000738    |
| EC-12-D GL            | 12 B-2      | 19,050  | 3/4    | 11,68                           | 7/16   | 12,07                                    | 5,72                                  | 41,5                                 | 43,50                           | 16,1                | 15,62                                     | 19,46                   | 57.800                         | 2,50                  | 40000739    |
| EC-12-T GL            | 12 B-3      | 19,050  | 3/4    | 11,68                           | 7/16   | 12,07                                    | 5,72                                  | 61,3                                 | 63,00                           | 16,1                | 15,62                                     | 19,46                   | 86.700                         | 3,80                  | 40000740    |
| EC-16-M GL            | 16 B-1      | 25,400  | 1      | 17,02                           | –      | 15,88                                    | 8,28                                  | 36,1                                 | 36,90                           | 20,3                | 25,40                                     | –                       | 60.000                         | 2,70                  | 40001162    |
| EC-16-D GL            | 16 B-2      | 25,400  | 1      | 17,02                           | –      | 15,88                                    | 8,28                                  | 68,0                                 | 68,80                           | 20,3                | 25,40                                     | 31,88                   | 106.000                        | 5,40                  | 40001690    |
| EC-16-T GL            | 16 B-3      | 25,400  | 1      | 17,02                           | –      | 15,88                                    | 8,28                                  | 99,8                                 | 100,70                          | 20,3                | 25,40                                     | 31,88                   | 160.000                        | 8,00                  | 40001695    |
| EC-20-M GL            | 20 B-1      | 31,75   | 1 1/4  | 19,56                           | –      | 19,05                                    | 10,19                                 | 43,2                                 | 49,3                            | 26,4                | 29,0                                      | –                       | 97.000                         | 3,58                  | 40004229    |
| EC-20-D GL            | 20 B-2      | 31,75   | 1 1/4  | 19,56                           | –      | 19,05                                    | 10,19                                 | 79,0                                 | 85,1                            | 26,4                | 29,0                                      | 36,45                   | 173.500                        | 7,14                  | 40006045    |
| EC-24-M GL            | 24 B-1      | 38,10   | 1 1/2  | 25,40                           | 1      | 25,40                                    | 14,63                                 | 53,4                                 | 60,0                            | 33,4                | 37,9                                      | –                       | 163.300                        | 6,86                  | 40006048    |
| EC-24-D GL            | 24 B-2      | 38,10   | 1 1/2  | 25,40                           | 1      | 25,40                                    | 14,63                                 | 101,0                                | 107,6                           | 33,4                | 37,9                                      | 48,36                   | 285.800                        | 13,68                 | 40006051    |
| EC-32-M GL            | 32 B-1      | 50,80   | 2      | 30,99                           | –      | 29,21                                    | 17,81                                 | 67,4                                 | 75,3                            | 42,2                | 45,5                                      | –                       | 255.200                        | 9,33                  | 40004554    |

\*\* a = conn. link with spring clip



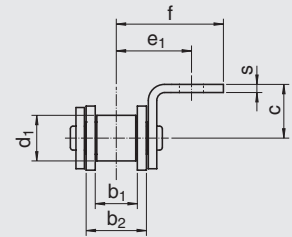
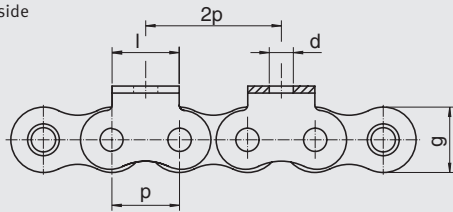
## Roller chains with narrow bent and straight attachment plates

based on EUROCHAIN roller chains complying with DIN 8187, ISO 606

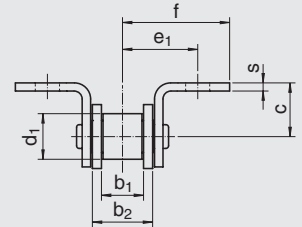
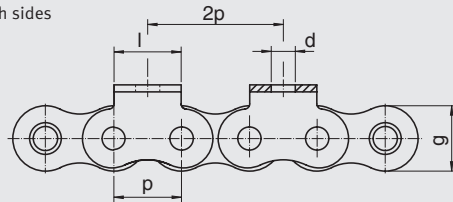
| Eurochain designation | Pitch p |        | Inner width<br>b <sub>1</sub> min. (mm) | Inner link width<br>b <sub>2</sub> max. (mm) | Roller diameter<br>d <sub>1</sub> max. (mm) | Plate height<br>g max. (mm) | Breaking strength<br>DIN min. (N) | Dimensions of attachments** |        |        |        |                     |        |        |        |
|-----------------------|---------|--------|-----------------------------------------|----------------------------------------------|---------------------------------------------|-----------------------------|-----------------------------------|-----------------------------|--------|--------|--------|---------------------|--------|--------|--------|
|                       | mm      | inches |                                         |                                              |                                             |                             |                                   | a (mm)                      | b (mm) | c (mm) | d (mm) | e <sub>1</sub> (mm) | f (mm) | l (mm) | s (mm) |
| EC-6-M*               | 9,525   | 3/8    | 5,72                                    | 8,53                                         | 6,35                                        | 8,2                         | 9.000                             | 9                           | 13,8   | 6,5    | 3,5    | 9,3                 | 13,7   | 8      | 1,3    |
| EC-8-M                | 12,7    | 1/2    | 7,75                                    | 11,3                                         | 8,51                                        | 11,8                        | 18.000                            | 14,7                        | 20,3   | 10     | 4,5    | 12,9                | 18,5   | 12,5   | 1,3    |
| EC-10-M               | 15,875  | 5/8    | 9,65                                    | 13,28                                        | 10,16                                       | 14,73                       | 22.400                            | 17,2                        | 26,7   | 10     | 5,5    | 16,9                | 26,4   | 15     | 1,6    |
| EC-12-M               | 19,05   | 3/4    | 11,68                                   | 15,62                                        | 12,07                                       | 16,1                        | 29.000                            | 18,7                        | 29     | 11     | 6,6    | 19,2                | 29,5   | 18,5   | 1,8    |
| EC-16-M               | 25,4    | 1      | 17,02                                   | 25,4                                         | 15,88                                       | 20,3                        | 60.000                            | 28,6                        | 41,5   | 18     | 9      | 28,7                | 41,6   | 25     | 3,1    |

\* only with straight side plates \*\* other dimensions are available on request Corrected dimensions

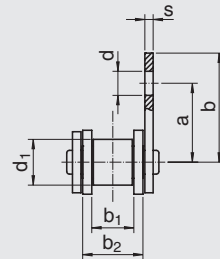
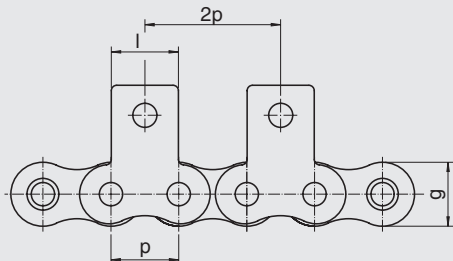
**A**  
Bent attachment plate on one side  
EC-2020.1



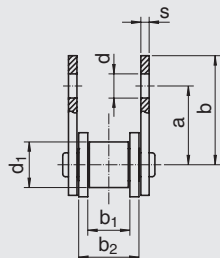
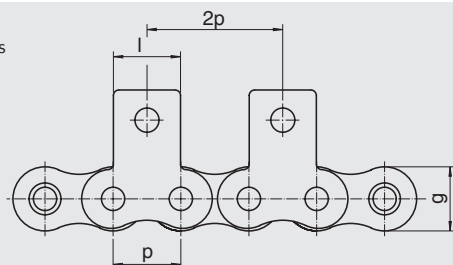
**B**  
Bent attachment plates on both sides  
EC-2020.1



**D**  
Attachment plate on one side  
EC-1020.1



**E**  
Attachment plate on both sides  
EC-1020.1



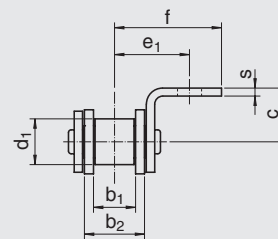
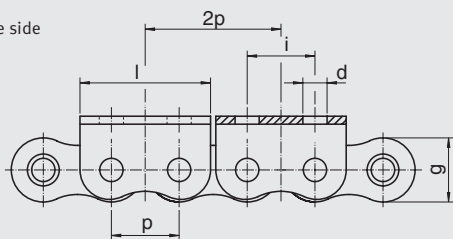
## Roller chains with wide bent and straight attachment plates

based on EUROCHAIN roller chains complying with DIN 8187, ISO 606

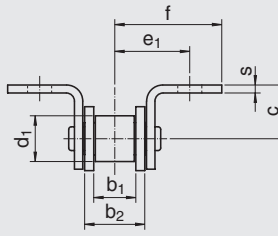
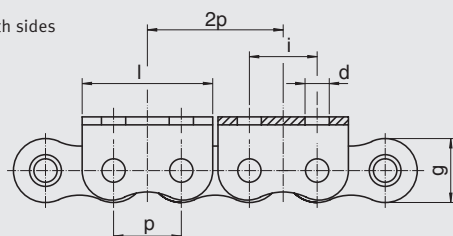
| Eurochain designation Nr. | Pitch p |        | Dimensions of attachments**    |                                     |                                    |                               |                                   |      |     |     |      |      |       |      |      |     |
|---------------------------|---------|--------|--------------------------------|-------------------------------------|------------------------------------|-------------------------------|-----------------------------------|------|-----|-----|------|------|-------|------|------|-----|
|                           | mm      | inches |                                |                                     |                                    |                               |                                   |      |     |     |      |      |       |      |      |     |
|                           |         |        | Inner width<br>$b_1$ min. (mm) | Inner link width<br>$b_2$ max. (mm) | Roller diameter<br>$d_1$ max. (mm) | Plate height<br>$g$ max. (mm) | Breaking strength<br>DIN min. (N) |      |     |     |      |      |       |      |      |     |
| EC-6-M*                   | 9,525   | 3/8    | 5,72                           | 8,53                                | 6,35                               | 8,2                           | 9.000                             | 12,6 | 5,7 | 3,2 | 10,3 | 13,7 | 9,525 | 9,2  | 18,2 | 1,3 |
| EC-8-M                    | 12,7    | 1/2    | 7,75                           | 11,3                                | 8,51                               | 11,8                          | 18.000                            | 20,3 | 10  | 4,5 | 12,9 | 18,5 | 12,7  | 14,7 | 24,3 | 1,3 |
| EC-10-M                   | 15,875  | 5/8    | 9,65                           | 13,28                               | 10,16                              | 14,73                         | 22.400                            | 26,7 | 10  | 5,5 | 16,9 | 26,4 | 15,9  | 17,2 | 29   | 1,6 |
| EC-12-M                   | 19,05   | 3/4    | 11,68                          | 15,62                               | 12,07                              | 16,1                          | 29.000                            | 29   | 11  | 6,6 | 19,2 | 29,5 | 19,1  | 18,7 | 33,2 | 1,8 |
| EC-16-M                   | 25,4    | 1      | 17,02                          | 25,4                                | 15,88                              | 20,3                          | 60.000                            | 41,3 | 18  | 9   | 28,7 | 41,6 | 25,4  | 28,4 | 45,6 | 3,1 |

\* Only with straight side plates \*\* other dimensions are available on request

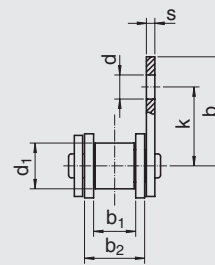
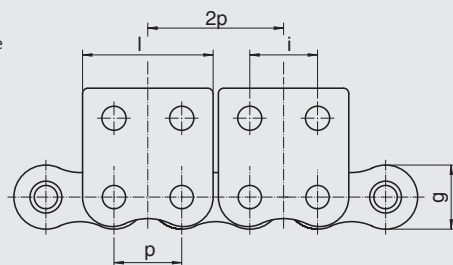
**A2**  
Bent attachment plate on one side  
EC-2030.2



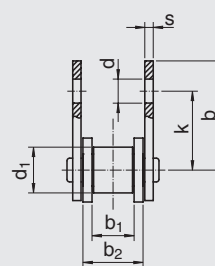
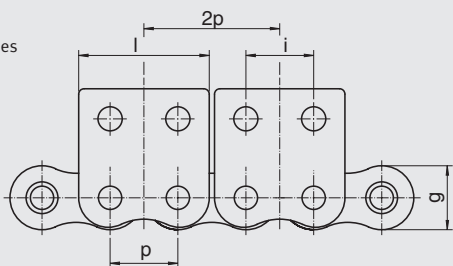
**B2**  
Bent attachment plate on both sides  
EC-2030.2



**D2**  
Attachment plate on one side  
EC-1030.2



**E2**  
Attachment plate on both sides  
EC-1030.2



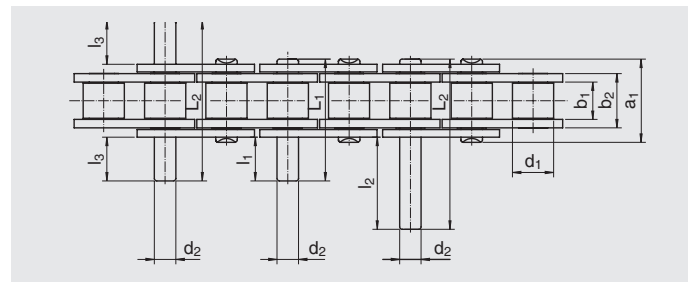
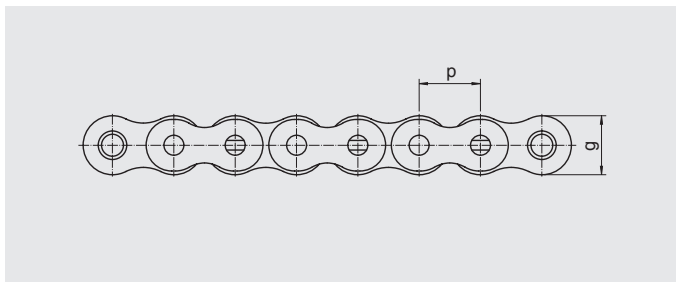


## Roller chains with extended pins

based on EUROCHAIN roller chains complying with DIN 8187, ISO 606

| Eurochain designation | Pitch p |        | Inner width<br>$b_1$ min. (mm) | Inner link width<br>$b_2$ max. (mm) | Roller diameter<br>$d_1$ max. (mm) | Pin diameter<br>$d_2$ h9 (mm) | Plate height<br>$g$ max. (mm) | Breaking strength<br>DIN min. (N) | Pin length<br>$a_1$ max. (mm) | Pin length<br>$L_1$ max. (mm) | Pin length<br>$L_2$ max. (mm) | Pin extension length |                 |                 |
|-----------------------|---------|--------|--------------------------------|-------------------------------------|------------------------------------|-------------------------------|-------------------------------|-----------------------------------|-------------------------------|-------------------------------|-------------------------------|----------------------|-----------------|-----------------|
|                       | mm      | inches |                                |                                     |                                    |                               |                               |                                   |                               |                               |                               | $l_1$ max. (mm)      | $l_2$ max. (mm) | $l_3$ max. (mm) |
| EC-6-M*               | 9,525   | 3/8    | 5,72                           | 8,53                                | 6,35                               | 3,28                          | 8,2                           | 9.000                             | 13,0                          | 23,8                          | 33,5                          | 11,4                 | 21,3            | 11,0            |
| EC-8-M                | 12,700  | 1/2    | 7,75                           | 11,30                               | 8,51                               | 4,45                          | 11,8                          | 18.000                            | 16,4                          | 30,4                          | 44,5                          | 14,5                 | 29,1            | 15,2            |
| EC-10-M               | 15,875  | 5/8    | 9,65                           | 13,28                               | 10,16                              | 5,08                          | 14,7                          | 22.400                            | 18,8                          | 35,8                          | 52,4                          | 17,9                 | 34,6            | 17,8            |
| EC-12-M               | 19,050  | 3/4    | 11,68                          | 15,62                               | 12,07                              | 5,72                          | 16,1                          | 29.000                            | 21,8                          | 41,5                          | 61,0                          | 20,7                 | 40,4            | 20,8            |
| EC-16-M               | 25,400  | 1      | 17,02                          | 25,40                               | 15,88                              | 8,28                          | 20,3                          | 60.000                            | 36,1                          | 68,0                          | 99,8                          | 34,0                 | 65,8            | 34,0            |

\* Only with straight side plates

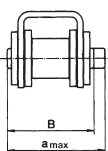


## Roller chains with U-shaped attachments

for fitting to EUROCHAIN roller chains with U-shaped attachments:  
3030.2 and 3030.9

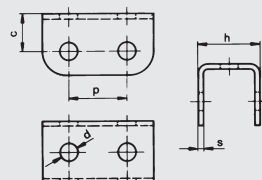
| Eurochain designation | p (mm) | max B (mm) | $a_{max}$ (mm) | c (mm) | d (mm) | h (mm) | k (mm) | s (mm) | Article No.       |                   |
|-----------------------|--------|------------|----------------|--------|--------|--------|--------|--------|-------------------|-------------------|
|                       |        |            |                |        |        |        |        |        | Attachment 3030.2 | Attachment 3030.9 |
| EC-8-M                | 12,700 | 19,5       | 22,0           | 8,3    | 4,48   | 14,5   | 4,0    | 1,3    | 40003131          | 40003125          |
| EC-8-D                | 12,700 | 33,5       | 35,9           | 8,3    | 4,48   | 28,4   | 4,0    | 1,3    | 40003442          | 40003127          |
| EC-10-M               | 15,875 | 21,9       | 24,0           | 10,5   | 5,15   | 16,4   | 2,5    | 1,3    | 40003132          | 40003128          |
| EC-10-D               | 15,875 | 38,9       | 40,8           | 10,5   | 5,15   | 33,0   | 2,5    | 1,3    | 40003443          | 40003445          |
| EC-12-M               | 19,050 | 25,9       | 27,7           | 13,0   | 5,79   | 19,0   | 8,0    | 1,8    | 40003134          | 40003129          |
| EC-12-D               | 19,050 | 45,4       | 47,5           | 12,0   | 5,79   | 39,0   | 7,5    | 1,8    | 40003444          | 40003447          |
| EC-16-M               | 25,400 | 39,3       | 40,9           | 15,4   | 8,40   | 30,0   | 6,0    | 1,8    | 40003135          | 40003130          |

### CHAIN WIDTH

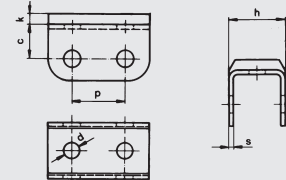


When U-shaped attachments are fitted between the inner and outer plates the chain width increases above standard.

No. 3030.2 with standard attachment hole



No. 3030.9 with rubber cover



Cover material: elastomer, hardness 60-65 shore, acidresisting, non-abrasive, temperature up to 90°C, heat-resistant, colour white

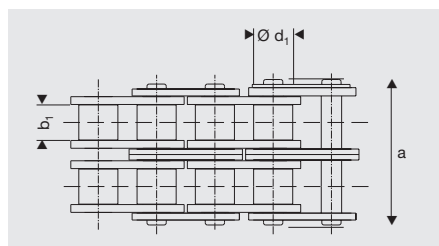
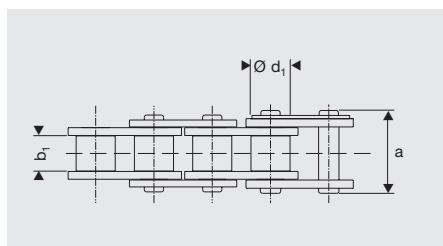
## Roller chains

according to DIN 8188, american standard, ISO 606

| Eurochain designation | DIN/ISO No. | Ref. Number | mm     | Pitch p<br>inch (Zoll) | Inner width<br>$b_1$ min. (mm) | Roller diameter<br>$d_1$ max. (mm) | Pin diameter<br>$d_2$ max. (mm) | Pin length chain<br>$a_1$ (mm) | Pin length conn. link *<br>$a$ (mm) | Plate height<br>$g$ (mm) | Transverse pitch<br>$e$ (mm) | Breaking strength<br>DIN min. (N) | Weight per<br>1 m (kg) | Article No.<br>10ft. plus conn. link |
|-----------------------|-------------|-------------|--------|------------------------|--------------------------------|------------------------------------|---------------------------------|--------------------------------|-------------------------------------|--------------------------|------------------------------|-----------------------------------|------------------------|--------------------------------------|
| <b>Single chains</b>  |             |             |        |                        |                                |                                    |                                 |                                |                                     |                          |                              |                                   |                        |                                      |
| EC8M-A                | 08 A-1      | ANSI 40-1   | 12,70  | 1/2                    | 7,85                           | 7,92                               | 3,98                            | 17,80                          | 21,00                               | 12,00                    | –                            | 14.100                            | 0,65                   | 40005625                             |
| EC10M-A               | 10 A-1      | ANSI 50-1   | 15,875 | 5/8                    | 9,40                           | 10,16                              | 5,09                            | 21,80                          | 25,00                               | 15,00                    | –                            | 22.200                            | 1,09                   | 40006189                             |
| EC10M-A GL            | 10 A-1      | ANSI 50-1   | 15,875 | 5/8                    | 9,40                           | 10,16                              | 5,09                            | 21,80                          | 25,00                               | 15,00                    | –                            | 22.200                            | 1,09                   | 40004763                             |
| EC12M-A               | 12 A-1      | ANSI 60-1   | 19,05  | 3/4                    | 12,58                          | 11,91                              | 5,96                            | 26,90                          | 31,00                               | 18,00                    | –                            | 31.800                            | 1,51                   | 40006265                             |
| EC12M-AH              | 12 AH-1     | ANSI 60-1 H | 19,05  | 3/4                    | 12,58                          | 11,91                              | 5,98                            | 26,60                          | 30,7                                | 17,10                    | –                            | 40.000                            | 1,72                   | 40005802                             |
| EC16M-A               | 16 A-1      | ANSI 80-1   | 25,40  | 1                      | 15,75                          | 15,87                              | 7,94                            | 33,50                          | 38,00                               | 24,10                    | –                            | 56.800                            | 2,65                   | 40005641                             |
| EC16M-A GL            | 16 A-1      | ANSI 80-1   | 25,40  | 1                      | 15,75                          | 15,87                              | 7,94                            | 33,50                          | 38,00                               | 24,10                    | –                            | 56.800                            | 2,65                   | 40005519                             |
| EC16M-AH**            | 16 AH-1     | ANSI 80-1 H | 25,40  | 1                      | 15,75                          | 15,87                              | 7,94                            | 35,80                          | 37,80                               | 24,20                    | –                            | 80.000                            | 3,07                   | 40005807                             |
| <b>Double chains</b>  |             |             |        |                        |                                |                                    |                                 |                                |                                     |                          |                              |                                   |                        |                                      |
| EC8D-A                | 08 A-2      | ANSI 40-2   | 12,70  | 1/2                    | 7,85                           | 7,92                               | 3,98                            | 32,30                          | 36,20                               | 12,00                    | 14,38                        | 28.200                            | 1,28                   | 40005646                             |
| EC10D-A               | 10 A-2      | ANSI 50-2   | 15,575 | 5/8                    | 9,40                           | 10,16                              | 5,09                            | 39,90                          | 44,00                               | 15,00                    | 18,11                        | 44.400                            | 2,10                   | 40005651                             |
| EC12D-A               | 12 A-2      | ANSI 60-2   | 19,05  | 3/4                    | 12,58                          | 11,91                              | 5,96                            | 49,80                          | 54,40                               | 18,00                    | 22,78                        | 63.600                            | 3,01                   | 40005656                             |
| EC16D-A               | 16 A-2      | ANSI 80-2   | 25,40  | 1                      | 15,75                          | 15,87                              | 7,94                            | 62,70                          | 68,10                               | 24,10                    | 29,29                        | 113.400                           | 5,24                   | 40005661                             |

\* a = conn. link with spring clip

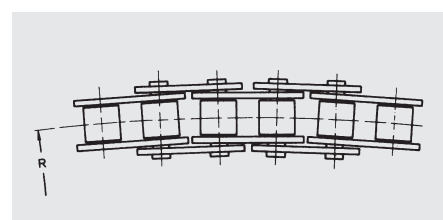
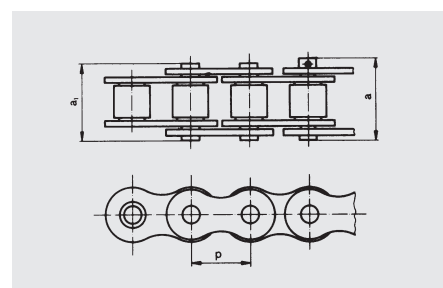
\*\* heavy duty



## Side bow chains

Transporting, conveying, pulling on curved shape tracks

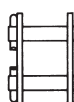
| Eurochain designation | Pitch p (mm) | $a_1$ (mm) | Outer width<br>$a$ (mm) | Minimum radius<br>R (mm) | Breaking strength<br>iwis FB (N) | Continuous<br>(N) | Transient<br>(N) | Weight<br>(kg/m) | Connecting links<br>available | Article No. |
|-----------------------|--------------|------------|-------------------------|--------------------------|----------------------------------|-------------------|------------------|------------------|-------------------------------|-------------|
| EC-8-MSB              | 12,7         | 16,8       | 17,8                    | 400                      | 9.500                            | 720               | 1800             | 0,65             | 2, 4, 8                       | 40002901    |



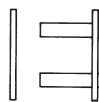
### CHAIN COMPONENTS AND CONNECTING LINKS



Nr. 2 Inner links  
Standard  
designation B



Nr. 4 Connecting link with  
split pin fastening Standard  
designation S



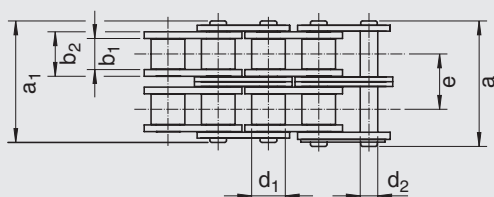
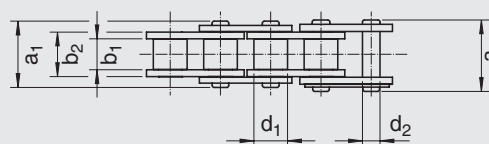
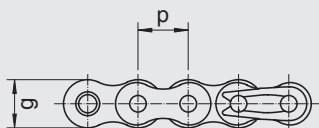
Nr. 8 Outer link  
Standard designation A

## Stainless steel roller chains

### DIN 8187, AISI 302-304

| Eurochain designation | DIN ISO No. | mm     | Pitch p |  | Inner width<br>$b_1$ min. | Roller diameter<br>$d_1$ max. (mm) | Pin diameter<br>$d_2$ max. (mm) | Pin length chain<br>$a_1$ (mm) | Pin length conn. link **<br>$a$ (mm) max | Plate height<br>$g$ (mm) | Transverse pitch<br>$e$ (mm) | Breaking strength<br>Eurochain min. (N) | Article No. |
|-----------------------|-------------|--------|---------|--|---------------------------|------------------------------------|---------------------------------|--------------------------------|------------------------------------------|--------------------------|------------------------------|-----------------------------------------|-------------|
|                       |             |        | inches  |  |                           |                                    |                                 |                                |                                          |                          |                              |                                         |             |
| ECS-6-M*              | 06 B-1      | 9,525  | 3/8     |  | 5,72                      | 6,35                               | 3,28                            | 13,5                           | 16,8                                     | 8,2                      | –                            | 6.400                                   | 40005312    |
| ECS-6-D               | 06 B-2      | 9,525  | 3/8     |  | 5,72                      | 6,35                               | 3,28                            | 23,8                           | 27,1                                     | 8,2                      | 10,24                        | 11.000                                  | 40005732    |
| ECS-8-M               | 08 B-1      | 12,700 | 1/2     |  | 7,75                      | 8,51                               | 4,45                            | 17,0                           | 20,7                                     | 11,8                     | –                            | 12.500                                  | 40005142    |
| ECS-8-D               | 08 B-2      | 12,700 | 1/2     |  | 7,75                      | 8,51                               | 4,45                            | 31,0                           | 34,9                                     | 11,8                     | 13,92                        | 22.000                                  | 40002284    |
| ECS-10-M              | 10 B-1      | 15,875 | 5/8     |  | 9,65                      | 10,16                              | 5,08                            | 19,6                           | 23,7                                     | 14,7                     | –                            | 16.000                                  | 40005461    |
| ECS-10-D              | 10 B-2      | 15,875 | 5/8     |  | 9,65                      | 10,16                              | 5,08                            | 36,2                           | 40,3                                     | 14,7                     | 16,59                        | 29.000                                  | 40005983    |
| ECS-12-M              | 12 B-1      | 19,050 | 3/4     |  | 11,68                     | 12,07                              | 5,72                            | 22,7                           | 27,3                                     | 16,1                     | –                            | 20.000                                  | 40005789    |
| ECS-12-D              | 12 B-2      | 19,050 | 3/4     |  | 11,68                     | 12,07                              | 5,72                            | 42,2                           | 46,8                                     | 16,1                     | 19,46                        | 35.000                                  | 40006305    |
| ECS-16-M              | 16 B-1      | 25,40  | 1       |  | 17,02                     | 15,88                              | 8,28                            | 36,1                           | 41,5                                     | 21,0                     | –                            | 40.000                                  | 40005386    |
| ECS-16-D              | 16 B-2      | 25,40  | 1       |  | 17,02                     | 15,88                              | 8,28                            | 68,0                           | 73,4                                     | 21,0                     | 31,88                        | 85.000                                  | 40006307    |

\* with straight side plates \*\* a = conn. link with spring clip



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