

# Pignoni / Sprockets

## Kettenräder mit Nabe / Pignons / Piñones



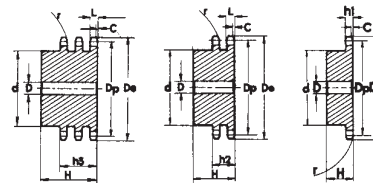
Pignoni per catene semplici, doppie e triple a rulli secondo: DIN 8187 - ISO/R 606

Sprockets for simplex, duplex and triplex chain to: DIN 8187 - ISO/R 606

Kettenräder mit einseitiger Nabe für Simplex- Duplex- Triplex-Rollenkette nach: DIN 8187 - ISO/R 606

Pignons avec moyeu déporté pour chaînes simples, doubles et triples à rouleaux suivant les normes: DIN 8187 - ISO/R 606

Piñones para cadena simple, doble y triple de rodillos según las normas: DIN 8187 - ISO/R 606



1"1/4 x 3/4"

20B - 1-2-3 31,75 x 19,56 mm

| CATENA                      | CHAIN                      | KETTE                     | CHAÎNE                          | CADENA                      | ISO mm              |
|-----------------------------|----------------------------|---------------------------|---------------------------------|-----------------------------|---------------------|
| Passo                       | Pitch                      | Teilung                   | Pas                             | Paso                        | 31,75               |
| Larghezza interna           | Internal width             | Innere Breite             | Largeur interieure              | Ancho interno               | 19,56               |
| Rullo ø                     | Roller ø                   | Rollen ø                  | ø du rouleau                    | Rodillo ø                   | 19,05               |
| PIGNONE                     | SPROCKETS                  | KETTENRÄDER               | PIGNONS                         | PIÑONES                     | ISO mm              |
| Raggio dente r              | Tooth radius r             | Radius r                  | Rayon de denture r              | Radio diente r              | r 32,0              |
| Larghezza raggio C          | Radius width C             | Breite C                  | Largeur de rayon C              | Ancho radio C               | C 3,5               |
| Largh. dente h <sub>1</sub> | Tooth width h <sub>1</sub> | Zahnbreite h <sub>1</sub> | Larg. de denture h <sub>1</sub> | Ancho diente h <sub>1</sub> | h <sub>1</sub> 18,5 |
| Largh. dente L              | Tooth width L              | Zahnbreite L              | Larg. de denture L              | Ancho diente L              | L 18,2              |
| Largh. dente h <sub>2</sub> | Tooth width h <sub>2</sub> | Zahnbreite h <sub>2</sub> | Larg. de denture h <sub>2</sub> | Ancho diente h <sub>2</sub> | h <sub>2</sub> 54,6 |
| Largh. dente h <sub>3</sub> | Tooth width h <sub>3</sub> | Zahnbreite h <sub>3</sub> | Larg. de denture h <sub>3</sub> | Ancho diente h <sub>3</sub> | h <sub>3</sub> 91,0 |
| Altezza totale H            | Full height H              | Gesamt Höhe H             | Hauteur totale H                | Altura total H              | H -                 |

**Materiale C45E**  
**UNI EN 10083-1**

\*Tipi costruiti con mozzo saldato: materiale Fe

**Materiale C45E**  
**UNI EN 10083-1**

\*With welded hub: material Fe

**Werkstoff C45E**  
**UNI EN 10083-1**

\*Typen mit eingeschweisster Nabe: Werkstoff Fe

**Matière C45E**  
**UNI EN 10083-1**

\*Tipos avec moyeu soudé: matière Fe

**Materiale C45E**  
**UNI EN 10083-1**

\*Tipos con nucleo soldado: material Fe

| Z  | D <sub>e</sub> | D <sub>p</sub> | Simplex  |      |    |    | Duplex   |      |    |     | Triplex  |      |    |     |
|----|----------------|----------------|----------|------|----|----|----------|------|----|-----|----------|------|----|-----|
|    |                |                | cod.     | d    | D  | H  | cod.     | d    | D  | H   | cod.     | d    | D  | H   |
| 8  | 98,1           | 82,96          | PS 13008 | 53   | 20 | 40 | PD 13008 | 53   | 20 | 75  | PT 13008 | 53   | 20 | 110 |
| 9  | 108,0          | 92,84          | PS 13009 | 63   | 20 | 40 | PD 13009 | 63   | 20 | 75  | PT 13009 | 63   | 20 | 110 |
| 10 | 117,9          | 102,74         | PS 13010 | 70   | 20 | 40 | PD 13010 | 70   | 20 | 75  | PT 13010 | 70   | 20 | 110 |
| 11 | 127,8          | 112,68         | PS 13011 | 77   | 20 | 45 | PD 13011 | 80   | 20 | 80  | PT 13011 | 80   | 20 | 115 |
| 12 | 137,8          | 122,68         | PS 13012 | 88   | 20 | 45 | PD 13012 | 90   | 20 | 80  | PT 13012 | 90   | 20 | 115 |
| 13 | 147,8          | 132,65         | PS 13013 | 98   | 20 | 45 | PD 13013 | 100  | 20 | 80  | PT 13013 | 100  | 20 | 115 |
| 14 | 157,8          | 142,68         | PS 13014 | 108  | 20 | 45 | PD 13014 | 110  | 20 | 80  | PT 13014 | 110  | 20 | 115 |
| 15 | 167,9          | 152,72         | PS 13015 | 118  | 20 | 45 | PD 13015 | 120  | 20 | 80  | PT 13015 | 120  | 20 | 115 |
| 16 | 177,9          | 162,75         | PS 13016 | 120  | 25 | 50 | PD 13016 | 120  | 25 | 80  | PT 13016 | 120  | 25 | 115 |
| 17 | 187,9          | 172,78         | PS 13017 | 120  | 25 | 50 | PD 13017 | 120  | 25 | 80  | PT 13017 | 120  | 25 | 115 |
| 18 | 198,0          | 182,85         | PS 13018 | 120  | 25 | 50 | PD 13018 | 120* | 25 | 80  | PT 13018 | 120* | 25 | 115 |
| 19 | 208,1          | 192,91         | PS 13019 | 120  | 25 | 50 | PD 13019 | 120* | 25 | 80  | PT 13019 | 120* | 25 | 115 |
| 20 | 218,1          | 202,98         | PS 13020 | 120  | 25 | 50 | PD 13020 | 120* | 25 | 80  | PT 13020 | 120* | 25 | 115 |
| 21 | 228,2          | 213,04         | PS 13021 | 140  | 25 | 55 | PD 13021 | 140* | 25 | 80  | PT 13021 | 140* | 25 | 115 |
| 22 | 238,3          | 223,11         | PS 13022 | 140  | 25 | 55 | PD 13022 | 140* | 25 | 80  | PT 13022 | 140* | 25 | 115 |
| 23 | 248,3          | 233,17         | PS 13023 | 140  | 25 | 55 | PD 13023 | 140* | 25 | 80  | PT 13023 | 140* | 25 | 115 |
| 24 | 258,4          | 243,23         | PS 13024 | 140  | 25 | 55 | PD 13024 | 140* | 25 | 80  | PT 13024 | 140* | 25 | 115 |
| 25 | 268,5          | 253,33         | PS 13025 | 140  | 25 | 55 | PD 13025 | 140* | 25 | 80  | PT 13025 | 140* | 25 | 115 |
| 26 | 278,6          | 263,40         | PS 13026 | 150* | 25 | 55 | PD 13026 | 150* | 25 | 80  | PT 13026 | 150* | 25 | 115 |
| 27 | 288,6          | 273,48         | PS 13027 | 150* | 25 | 55 | PD 13027 | 150* | 25 | 80  | PT 13027 | 150* | 25 | 115 |
| 28 | 298,7          | 283,56         | PS 13028 | 150* | 25 | 55 | PD 13028 | 150* | 25 | 80  | PT 13028 | 150* | 25 | 115 |
| 29 | 308,8          | 293,65         | PS 13029 | 150* | 25 | 55 | PD 13029 | 150* | 25 | 80  | PT 13029 | 150* | 25 | 115 |
| 30 | 318,9          | 303,75         | PS 13030 | 150* | 25 | 55 | PD 13030 | 150* | 25 | 80  | PT 13030 | 150* | 25 | 115 |
| 31 | 329,0          | 313,85         | PS 13031 | 150* | 25 | 55 | PD 13031 | 150* | 25 | 80  | PT 13031 | 150* | 30 | 115 |
| 32 | 339,1          | 323,91         | PS 13032 | 150* | 25 | 55 | PD 13032 | 150* | 25 | 80  | PT 13032 | 150* | 30 | 115 |
| 33 | 349,2          | 334,01         | PS 13033 | 150* | 25 | 55 | PD 13033 | 150* | 25 | 80  | PT 13033 | 150* | 30 | 115 |
| 34 | 359,3          | 334,10         | PS 13034 | 150* | 25 | 55 | PD 13034 | 150* | 25 | 80  | PT 13034 | 150* | 30 | 115 |
| 35 | 369,4          | 354,20         | PS 13035 | 150* | 25 | 55 | PD 13035 | 150* | 25 | 80  | PT 13035 | 150* | 30 | 115 |
| 36 | 379,5          | 364,30         | PS 13036 | 150* | 25 | 55 | PD 13036 | 150* | 30 | 80  | PT 13036 | 150* | 30 | 115 |
| 37 | 389,5          | 374,39         | PS 13037 | 150* | 25 | 55 | PD 13037 | 150* | 30 | 80  | PT 13037 | 150* | 30 | 115 |
| 38 | 399,6          | 384,49         | PS 13038 | 150* | 25 | 55 | PD 13038 | 150* | 30 | 80  | PT 13038 | 150* | 30 | 115 |
| 39 | 409,7          | 394,59         | PS 13039 | 150* | 25 | 55 | PD 13039 | 150* | 30 | 80  | PT 13039 | 150* | 30 | 115 |
| 40 | 419,8          | 404,66         | PS 13040 | 150* | 25 | 55 | PD 13040 | 150* | 30 | 80  | PT 13040 | 150* | 30 | 115 |
| 42 | 440,0          | 424,88         | PS 13042 | 160* | 30 | 80 |          |      |    |     |          |      |    |     |
| 45 | 470,3          | 455,17         | PS 13045 | 160* | 30 | 80 | PD 13045 | 160* | 30 | 101 | PT 13045 | 160* | 40 | 121 |
| 46 | 480,4          | 465,26         | PS 13046 | 160* | 25 | 80 | PD 13046 | 160* | 30 | 101 |          |      |    |     |
| 48 | 500,6          | 485,46         | PS 13048 | 160* | 25 | 80 |          |      |    |     |          |      |    |     |
| 50 | 520,8          | 505,65         | PS 13050 | 160* | 25 | 80 | PD 13050 | 160* | 30 | 101 | PT 13050 | 160* | 40 | 121 |
| 57 | 591,5          | 576,36         | PS 13057 | 160* | 30 | 80 | PD 13057 | 180* | 40 | 116 | PT 13057 | 200* | 40 | 123 |
| 60 | 621,8          | 606,65         | PS 13060 | 160* | 30 | 80 |          |      |    |     |          |      |    |     |
| 76 | 783,5          | 768,32         | PS 13076 | 160* | 30 | 80 | PD 13076 | 180* | 40 | 116 | PT 13076 | 200* | 40 | 123 |
| 95 | 975,2          | 960,28         | PS 13095 | 168* | 30 | 93 | PD 13095 | 200* | 40 | 116 |          |      |    |     |