



# SPROCKETS

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# CHAIN SPROCKETS FOR ROLLER CHAINS





The range of sprockets designed for chains manufactured by our Company provides an all-round solution to the needs of industry in the sector of flexible mechanical transmissions and is the result of a manufacturing process that is designed to achieve the top in terms of technical and quality performance.

Our production programme includes sprockets and wheels designed for chains, produced in compliance with the principles and with the most recent Standards and International Unified Standards: UNI, ISO, DIN, ANSI, etc.

However, the standards define a profile with minimum dimensions and a profile with maximum dimensions for the wheel space for chains and rollers and the actual profile must lie within these values.

There is the option of selecting proportioning criteria for the profile, since the tolerances that the Standards leave to the manufacturer's discretion are quite wide. The profiles can be optimised in terms of smooth transmission and the tooth's capacity to support greater stresses. This has led to the systematic development of a series of standardised profiles for which the geometry can be reproduced with great precision by tools designed specifically by computer and the reference profile of which is protected by the Company's knowhow.

A valued feature of this optimised profile, which is a characteristic exclusive to CHIARAVALLI GROUP SpA, is that of enhancing the "polygonal" chain wrap-around on the sprocket and on the platewheel, reproducing the motion discontinuity which is achieved even in the case of unfavourable transmission ratios and centre distances.

As a result of this CHIARAVALLI GROUP SpA has been able to include sprockets with a very low number of teeth in its catalogue and production programme.

Respecting precision with limited machining errors is beneficial, even if the toothed wheel-chain set represents a somewhat "basic" transmission solution.

This precision is assured by the systematic use of CNC machines and technologies developed to minimise the shearing stress and to improve the degree of surface finish.

The sprockets and wheels designed for chains included in the catalogue are also manufactured in the version with the "Taperlock" taper bush piece system particularly favoured in applications that require easy assembly and very precise centring tolerances.

Our sales programme is completed with single and multiple roller chains, and special chains suitable for every industrial application and CHIARAVALLI GROUP SpA is also able to manufacture sprockets and platewheels suitable for chains in a specific execution, produced to drawing any of material and with induction hardening and case-hardening and hardening applied to steel wheels and sprockets.



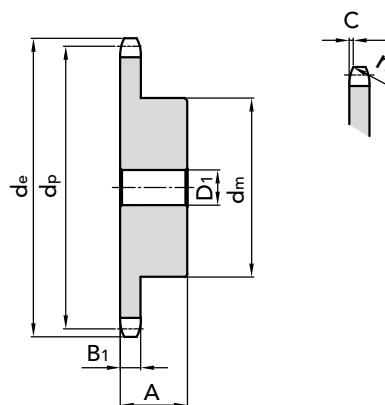
5 x 2.5 mm

## CHAIN SPROCKETS

|                             |     |    |
|-----------------------------|-----|----|
| Tooth radius $r_3$          | 5   | mm |
| Radius width $\bar{C}$      | 0,6 | mm |
| Sprockets tooth width $B_1$ | 2,3 | mm |

## CHAIN

|                      |     |    |
|----------------------|-----|----|
| Pitch                | 5   | mm |
| Inner width          | 2,5 | mm |
| Roller $\varnothing$ | 3,2 | mm |



## SIMPLES

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  |
|----|----------------|----------------|-------------|----------------|----------------|----|------|
| 8  | 15,20          | 13,06          | 10105008    | 7              | 4              | 10 | 0,01 |
| 9  | 16,80          | 14,62          | 10105009    | 8              | 4              | 10 | 0,01 |
| 10 | 18,30          | 16,18          | 10105010    | 9              | 4              | 10 | 0,01 |
| 11 | 19,90          | 17,75          | 10105011    | 11             | 5              | 10 | 0,01 |
| 12 | 21,50          | 19,32          | 10105012    | 12             | 5              | 10 | 0,01 |
| 13 | 23,00          | 20,89          | 10105013    | 14             | 5              | 10 | 0,01 |
| 14 | 24,60          | 22,47          | 10105014    | 15             | 5              | 10 | 0,02 |
| 15 | 26,20          | 24,04          | 10105015    | 16             | 5              | 10 | 0,02 |
| 16 | 27,80          | 25,63          | 10105016    | 18             | 6              | 13 | 0,02 |
| 17 | 29,40          | 27,20          | 10105017    | 18             | 6              | 13 | 0,03 |
| 18 | 30,90          | 28,79          | 10105018    | 18             | 6              | 13 | 0,03 |
| 19 | 32,50          | 30,38          | 10105019    | 18             | 6              | 13 | 0,03 |
| 20 | 34,10          | 31,96          | 10105020    | 18             | 6              | 13 | 0,03 |
| 21 | 35,70          | 33,54          | 10105021    | 20             | 8              | 13 | 0,04 |
| 22 | 37,30          | 35,13          | 10105022    | 20             | 8              | 13 | 0,04 |
| 23 | 38,90          | 36,72          | 10105023    | 20             | 8              | 13 | 0,04 |
| 24 | 40,50          | 38,30          | 10105024    | 20             | 8              | 13 | 0,04 |
| 25 | 42,00          | 39,89          | 10105025    | 20             | 8              | 13 | 0,04 |
| 26 | 43,60          | 41,48          | 10105026    | 25             | 8              | 15 | 0,05 |
| 27 | 45,20          | 43,07          | 10105027    | 25             | 8              | 15 | 0,07 |
| 28 | 46,80          | 44,65          | 10105028    | 25             | 8              | 15 | 0,07 |
| 29 | 48,40          | 46,25          | 10105029    | 25             | 8              | 15 | 0,07 |
| 30 | 50,00          | 47,83          | 10105030    | 25             | 8              | 15 | 0,07 |
| 31 | 51,60          | 49,42          | 10105031    | 30             | 8              | 15 | 0,10 |
| 32 | 53,20          | 51,01          | 10105032    | 30             | 8              | 15 | 0,10 |
| 33 | 54,80          | 52,60          | 10105033    | 30             | 8              | 15 | 0,10 |
| 34 | 56,30          | 54,19          | 10105034    | 30             | 8              | 15 | 0,10 |
| 35 | 57,90          | 55,78          | 10105035    | 30             | 8              | 15 | 0,11 |
| 36 | 59,50          | 57,37          | 10105036    | 30             | 8              | 15 | 0,11 |
| 37 | 61,10          | 58,96          | 10105037    | 30             | 8              | 15 | 0,11 |
| 38 | 62,70          | 60,54          | 10105038    | 30             | 8              | 15 | 0,11 |
| 39 | 64,30          | 62,13          | 10105039    | 30             | 8              | 15 | 0,12 |
| 40 | 65,90          | 63,73          | 10105040    | 30             | 8              | 15 | 0,12 |

MATERIAL C 45 UNI 7845

CAD drawings available on our site  
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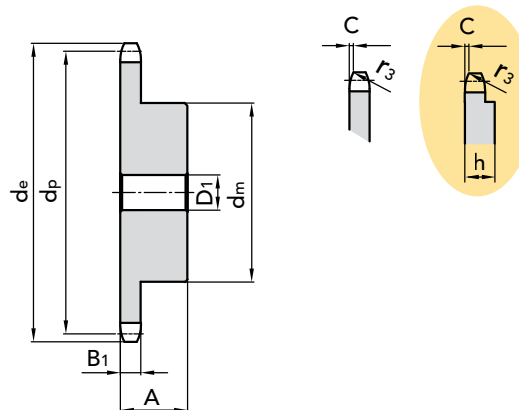
## 6 x 2.8 mm

### CHAIN SPROCKETS

|                             |     |    |
|-----------------------------|-----|----|
| Tooth radius $r_3$          | 6   | mm |
| Radius width $\bar{C}$      | 0,7 | mm |
| Sprockets tooth width $B_1$ | 2,6 | mm |

### CHAIN

|             |     |    |
|-------------|-----|----|
| Pitch       | 6   | mm |
| Inner width | 2,8 | mm |
| Roller Ø    | 4   | mm |



### SIMPLES

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  |
|----|----------------|----------------|-------------|----------------|----------------|----|------|
| 8  | 18,00          | 15,67          | 10106008    | 9,8            | 5              | 10 | 0,01 |
| 9  | 19,90          | 17,54          | 10106009    | 11,5           | 5              | 10 | 0,01 |
| 10 | 21,70          | 19,42          | 10106010    | 13             | 6              | 10 | 0,01 |
| 11 | 23,60          | 21,30          | 10106011    | 14             | 6              | 10 | 0,01 |
| 12 | 25,40          | 23,18          | 10106012    | 16             | 6              | 10 | 0,02 |
| 13 | 27,30          | 25,05          | 10106013    | 18             | 8              | 10 | 0,02 |
| 14 | 29,20          | 26,96          | 10106014    | 20             | 8              | 10 | 0,03 |
| 15 | 31,00          | 28,86          | 10106015    | 20             | 8              | 10 | 0,03 |
| 16 | 33,00          | 30,76          | 10106016    | 20             | 8              | 13 | 0,03 |
| 17 | 35,00          | 32,65          | 10106017    | 20             | 8              | 13 | 0,04 |
| 18 | 36,90          | 34,55          | 10106018    | 20             | 8              | 13 | 0,04 |
| 19 | 38,80          | 36,44          | 10106019    | 20             | 8              | 13 | 0,04 |
| 20 | 40,70          | 38,34          | 10106020    | 20             | 8              | 13 | 0,04 |
| 21 | 42,60          | 40,25          | 10106021    | 25             | 8              | 13 | 0,06 |
| 22 | 44,50          | 42,16          | 10106022    | 25             | 8              | 13 | 0,06 |
| 23 | 46,40          | 44,06          | 10106023    | 25             | 8              | 13 | 0,06 |
| 24 | 48,30          | 45,96          | 10106024    | 25             | 8              | 13 | 0,07 |
| 25 | 50,20          | 47,87          | 10106025    | 25             | 8              | 13 | 0,07 |
| 26 | 52,10          | 49,76          | 10106026    | 30             | 8              | 15 | 0,10 |
| 27 | 54,00          | 51,67          | 10106027    | 30             | 8              | 15 | 0,10 |
| 28 | 55,90          | 53,58          | 10106028    | 30             | 8              | 15 | 0,11 |
| 29 | 57,80          | 55,50          | 10106029    | 30             | 8              | 15 | 0,11 |
| 30 | 59,80          | 57,42          | 10106030    | 30             | 8              | 15 | 0,11 |
| 31 | 61,70          | 59,31          | 10106031    | 30             | 8              | 15 | 0,11 |
| 32 | 63,60          | 61,21          | 10106032    | 30             | 8              | 15 | 0,12 |
| 33 | 65,50          | 63,11          | 10106033    | 30             | 8              | 15 | 0,12 |
| 34 | 67,40          | 65,02          | 10106034    | 30             | 8              | 15 | 0,12 |
| 35 | 69,30          | 66,93          | 10106035    | 30             | 8              | 15 | 0,13 |
| 36 | 71,20          | 68,84          | 10106036    | 30             | 8              | 15 | 0,13 |
| 37 | 73,10          | 70,75          | 10106037    | 30             | 8              | 15 | 0,14 |
| 38 | 75,00          | 72,66          | 10106038    | 30             | 8              | 15 | 0,14 |
| 39 | 76,90          | 74,57          | 10106039    | 30             | 8              | 15 | 0,14 |
| 40 | 78,90          | 76,47          | 10106040    | 30             | 8              | 15 | 0,15 |
| 45 | 88,50          | 86,01          | 10106045    | 40             | 10             | 16 | 0,46 |
| 48 | 94,20          | 91,74          | 10106048    | 62             | 12             | 18 | 0,48 |
| 50 | 98,00          | 95,55          | 10106050    | 50             | 12             | 20 | 0,49 |
| 57 | 111,40         | 108,93         | 10106057    | 50             | 12             | 20 | 0,53 |
| 76 | 147,60         | 145,19         | 10106076    | 60             | 12             | 20 | 1,58 |

MATERIAL **C 45 UNI 7845**

From **Z 57** to **Z 76** the width disk wheel is increased to **h = 4mm**

CAD drawings available on our site  
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CHAIN SPROCKETS 6 x 2.8 mm for roller chains in compliance with DIN 8187 - ISO/R 606



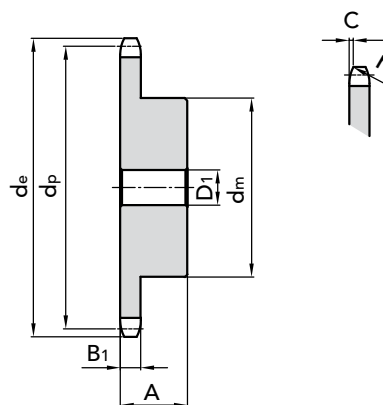
1/4" x 1/8"

## CHAIN SPROCKETS

|                                |     |    |
|--------------------------------|-----|----|
| Tooth radius $r_3$             | 6,4 | mm |
| Radius width $\bar{C}$         | 0,7 | mm |
| Sprockets tooth width $B_{1a}$ | 2,9 | mm |

## CHAIN

|                      |      |    |
|----------------------|------|----|
| Pitch                | 6,35 | mm |
| Inner width          | 3,18 | mm |
| Roller $\varnothing$ | 3,3  | mm |



## SIMPLES

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  |
|----|----------------|----------------|-------------|----------------|----------------|----|------|
| 8  | 19,40          | 16,58          | 10107008    | 10             | 6              | 12 | 0,01 |
| 9  | 21,40          | 18,56          | 10107009    | 11,5           | 6              | 12 | 0,01 |
| 10 | 23,30          | 20,55          | 10107010    | 13             | 6              | 12 | 0,02 |
| 11 | 25,30          | 22,54          | 10107011    | 15             | 8              | 13 | 0,02 |
| 12 | 27,30          | 24,53          | 10107012    | 17             | 8              | 13 | 0,02 |
| 13 | 29,30          | 26,53          | 10107013    | 17             | 8              | 13 | 0,03 |
| 14 | 31,30          | 28,53          | 10107014    | 17             | 8              | 13 | 0,03 |
| 15 | 33,30          | 30,53          | 10107015    | 20             | 8              | 13 | 0,04 |
| 16 | 35,30          | 32,55          | 10107016    | 22             | 8              | 14 | 0,05 |
| 17 | 37,30          | 34,55          | 10107017    | 22             | 8              | 14 | 0,05 |
| 18 | 39,40          | 36,56          | 10107018    | 25             | 8              | 14 | 0,06 |
| 19 | 41,40          | 38,58          | 10107019    | 25             | 8              | 14 | 0,06 |
| 20 | 43,40          | 40,58          | 10107020    | 25             | 8              | 14 | 0,06 |
| 21 | 45,40          | 42,60          | 10107021    | 30             | 8              | 14 | 0,08 |
| 22 | 47,40          | 44,62          | 10107022    | 30             | 8              | 14 | 0,09 |
| 23 | 49,40          | 46,63          | 10107023    | 30             | 8              | 14 | 0,09 |
| 24 | 51,40          | 48,64          | 10107024    | 30             | 8              | 14 | 0,09 |
| 25 | 53,50          | 50,66          | 10107025    | 30             | 8              | 14 | 0,10 |
| 26 | 55,50          | 52,67          | 10107026    | 30             | 8              | 16 | 0,11 |
| 27 | 57,50          | 54,69          | 10107027    | 30             | 8              | 16 | 0,12 |
| 28 | 59,50          | 56,71          | 10107028    | 30             | 8              | 16 | 0,12 |
| 29 | 61,50          | 58,73          | 10107029    | 30             | 8              | 16 | 0,12 |
| 30 | 63,60          | 60,75          | 10107030    | 30             | 8              | 16 | 0,13 |
| 31 | 65,60          | 62,76          | 10107031    | 30             | 8              | 16 | 0,13 |
| 32 | 67,60          | 64,78          | 10107032    | 30             | 8              | 16 | 0,13 |
| 33 | 69,60          | 66,80          | 10107033    | 30             | 8              | 16 | 0,14 |
| 34 | 71,60          | 68,82          | 10107034    | 30             | 8              | 16 | 0,17 |
| 35 | 73,60          | 70,84          | 10107035    | 30             | 8              | 16 | 0,17 |
| 36 | 75,60          | 72,85          | 10107036    | 30             | 8              | 16 | 0,15 |
| 37 | 77,70          | 74,87          | 10107037    | 30             | 8              | 16 | 0,18 |
| 38 | 79,70          | 76,89          | 10107038    | 30             | 8              | 16 | 0,16 |
| 39 | 81,70          | 78,91          | 10107039    | 30             | 8              | 16 | 0,19 |
| 40 | 83,70          | 80,93          | 10107040    | 30             | 8              | 16 | 0,17 |

MATERIAL C 45 UNI 7845

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Quantity, availability and prices  
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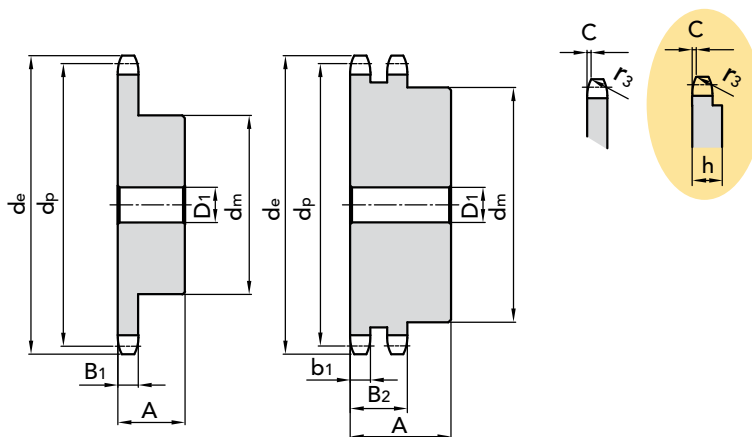



**8 x 3 mm**
**CHAIN SPROCKETS**

|                             |     |    |
|-----------------------------|-----|----|
| Tooth radius $r_3$          | 8   | mm |
| Radius width $\bar{C}$      | 1,0 | mm |
| Sprockets tooth width $B_1$ | 2,8 | mm |
| Sprockets tooth width $b_1$ | 2,7 | mm |
| Sprockets tooth width $B_2$ | 8,3 | mm |

**CHAIN**

|             |   |    |
|-------------|---|----|
| Pitch       | 8 | mm |
| Inner width | 3 | mm |
| Roller Ø    | 5 | mm |


**SIMPLES**
**DOUBLE**

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  |
|----|----------------|----------------|-------------|----------------|----------------|----|------|-------------|----------------|----------------|----|------|
| 8  | 24,00          | 20,90          | 10108008    | 13             | 6              | 12 | 0,01 | 10208008    | 12             | 8              | 18 | 0,02 |
| 9  | 26,60          | 23,39          | 10108009    | 15             | 6              | 12 | 0,02 | 10208009    | 15             | 8              | 18 | 0,03 |
| 10 | 29,20          | 25,89          | 10108010    | 17             | 8              | 12 | 0,02 | 10208010    | 17             | 8              | 18 | 0,03 |
| 11 | 31,70          | 28,39          | 10108011    | 18             | 8              | 13 | 0,03 | 10208011    | 19             | 10             | 18 | 0,04 |
| 12 | 34,20          | 30,91          | 10108012    | 20             | 8              | 13 | 0,04 | 10208012    | 21             | 10             | 18 | 0,05 |
| 13 | 36,70          | 33,42          | 10108013    | 23             | 8              | 13 | 0,05 | 10208013    | 24             | 10             | 18 | 0,07 |
| 14 | 39,20          | 35,95          | 10108014    | 25             | 8              | 13 | 0,05 | 10208014    | 26             | 10             | 18 | 0,08 |
| 15 | 41,70          | 38,48          | 10108015    | 28             | 8              | 13 | 0,07 | 10208015    | 29             | 10             | 18 | 0,10 |
| 16 | 44,30          | 41,01          | 10108016    | 30             | 8              | 14 | 0,08 | 10208016    | 32             | 10             | 20 | 0,13 |
| 17 | 46,80          | 43,53          | 10108017    | 30             | 8              | 14 | 0,09 | 10208017    | 34             | 10             | 20 | 0,15 |
| 18 | 49,30          | 46,07          | 10108018    | 30             | 8              | 14 | 0,09 | 10208018    | 37             | 10             | 20 | 0,17 |
| 19 | 51,90          | 48,61          | 10108019    | 30             | 8              | 14 | 0,09 | 10208019    | 39             | 10             | 20 | 0,20 |
| 20 | 54,40          | 51,14          | 10108020    | 30             | 8              | 14 | 0,10 | 10208020    | 40             | 10             | 20 | 0,21 |
| 21 | 57,00          | 53,68          | 10108021    | 35             | 8              | 14 | 0,12 | 10208021    | 40             | 10             | 20 | 0,25 |
| 22 | 59,50          | 56,21          | 10108022    | 35             | 8              | 14 | 0,13 | 10208022    | 40             | 10             | 20 | 0,26 |
| 23 | 62,00          | 58,75          | 10108023    | 35             | 8              | 14 | 0,13 | 10208023    | 40             | 10             | 20 | 0,28 |
| 24 | 64,60          | 61,29          | 10108024    | 35             | 8              | 14 | 0,14 | 10208024    | 40             | 10             | 20 | 0,23 |
| 25 | 67,50          | 63,83          | 10108025    | 35             | 8              | 14 | 0,15 | 10208025    | 40             | 10             | 20 | 0,31 |
| 26 | 69,50          | 66,37          | 10108026    | 40             | 10             | 16 | 0,19 | 10208026    | 50             | 12             | 22 | 0,38 |
| 27 | 72,20          | 68,91          | 10108027    | 40             | 10             | 16 | 0,20 | 10208027    | 50             | 12             | 22 | 0,40 |
| 28 | 74,80          | 71,45          | 10108028    | 40             | 10             | 16 | 0,21 | 10208028    | 50             | 12             | 22 | 0,42 |
| 29 | 77,30          | 73,99          | 10108029    | 40             | 10             | 16 | 0,22 | 10208029    | 50             | 12             | 22 | 0,44 |
| 30 | 79,80          | 76,53          | 10108030    | 40             | 10             | 16 | 0,22 | 10208030    | 50             | 12             | 22 | 0,45 |
| 31 | 82,40          | 79,08          | 10108031    | 40             | 10             | 16 | 0,22 | 10208031    | 60             | 12             | 22 | 0,58 |
| 32 | 84,90          | 81,61          | 10108032    | 40             | 10             | 16 | 0,23 | 10208032    | 60             | 12             | 22 | 0,59 |
| 33 | 87,50          | 84,16          | 10108033    | 40             | 10             | 16 | 0,24 | 10208033    | 60             | 12             | 22 | 0,62 |
| 34 | 90,00          | 86,70          | 10108034    | 40             | 10             | 16 | 0,25 | 10208034    | 60             | 12             | 22 | 0,64 |
| 35 | 92,50          | 89,25          | 10108035    | 40             | 10             | 16 | 0,25 | 10208035    | 60             | 12             | 22 | 0,65 |
| 36 | 95,00          | 91,79          | 10108036    | 40             | 10             | 16 | 0,26 | 10208036    | 60             | 12             | 22 | 0,67 |
| 37 | 97,60          | 94,33          | 10108037    | 40             | 10             | 16 | 0,27 | 10208037    | 60             | 12             | 22 | 0,71 |
| 38 | 100,20         | 96,88          | 10108038    | 40             | 10             | 16 | 0,28 | 10208038    | 60             | 12             | 22 | 0,72 |
| 39 | 102,70         | 99,42          | 10108039    | 40             | 10             | 16 | 0,29 | 10208039    | 60             | 12             | 22 | 0,74 |
| 40 | 105,30         | 101,97         | 10108040    | 40             | 10             | 16 | 0,58 | 10208040    | 60             | 12             | 22 | 0,77 |
| 45 | 118,00         | 114,69         | 10108045    | 60             | 12             | 20 | 0,67 |             |                |                |    |      |
| 48 | 125,6          | 122,32         | 10108048    | 60             | 12             | 20 | 0,63 |             |                |                |    |      |
| 50 | 130,70         | 127,41         | 10108050    | 60             | 12             | 20 | 1,00 |             |                |                |    |      |
| 57 | 148,60         | 145,22         | 10108057    | 80             | 14             | 20 | 1,53 |             |                |                |    |      |
| 76 | 197,70         | 193,59         | 10108076    | 80             | 20             | 25 | 1,94 |             |                |                |    |      |

**MATERIAL C 45 UNI 7845**

From Z 57 to Z 76 the width of the wheel disk increased to  $h = 4\text{ mm}$

CAD drawings available on our site  
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Quantity, availability and prices  
on B2B Chiaravalli



CHAIN SPROCKETS 8 x 3 mm for roller chains in compliance with DIN 8187 - ISO/R 606



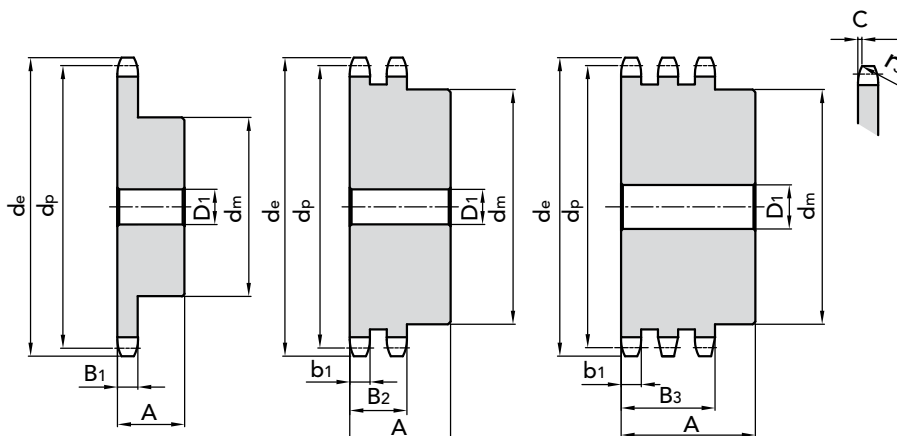
3/8" x 7/32"

## CHAIN SPROCKETS

|                             |      |    |
|-----------------------------|------|----|
| Tooth radius $r_3$          | 10   | mm |
| Radius width $\bar{C}$      | 1    | mm |
| Sprockets tooth width $B_1$ | 5,3  | mm |
| Sprockets tooth width $b_1$ | 5,2  | mm |
| Sprockets tooth width $B_2$ | 15,4 | mm |
| Sprockets tooth width $B_3$ | 25,6 | mm |

## CHAIN

|                      |       |    |
|----------------------|-------|----|
| Pitch                | 9,525 | mm |
| Inner width          | 5,72  | mm |
| Roller $\varnothing$ | 6,35  | mm |



## SIMPLES

## DOUBLE

## TRIPLE

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  |
|----|----------------|----------------|-------------|----------------|----------------|----|------|-------------|----------------|----------------|----|------|-------------|----------------|----------------|----|------|
| 8  | 28,54          | 24,89          | 10109008    | 15             | 6              | 22 | 0,03 | 10209008    | 15             | 6              | 22 | 0,04 | 10309008    | 15             | 6              | 32 | 0,05 |
| 9  | 31,50          | 27,85          | 10109009    | 18             | 8              | 22 | 0,04 | 10209009    | 18             | 8              | 22 | 0,05 | 10309009    | 18             | 8              | 32 | 0,06 |
| 10 | 34,47          | 30,82          | 10109010    | 20             | 8              | 22 | 0,05 | 10209010    | 20             | 8              | 22 | 0,07 | 10309010    | 20             | 10             | 32 | 0,09 |
| 11 | 37,46          | 33,81          | 10109011    | 22             | 8              | 25 | 0,08 | 10209011    | 22             | 10             | 25 | 0,10 | 10309011    | 22             | 10             | 35 | 0,11 |
| 12 | 40,45          | 36,80          | 10109012    | 25             | 8              | 25 | 0,10 | 10209012    | 25             | 10             | 25 | 0,13 | 10309012    | 25             | 10             | 35 | 0,15 |
| 13 | 43,45          | 39,80          | 10109013    | 28             | 10             | 25 | 0,13 | 10209013    | 28             | 10             | 25 | 0,16 | 10309013    | 28             | 10             | 35 | 0,18 |
| 14 | 46,45          | 42,80          | 10109014    | 31             | 10             | 25 | 0,16 | 10209014    | 31             | 10             | 25 | 0,20 | 10309014    | 31             | 12             | 35 | 0,23 |
| 15 | 49,46          | 45,81          | 10109015    | 34             | 10             | 25 | 0,19 | 10209015    | 34             | 10             | 25 | 0,24 | 10309015    | 34             | 12             | 35 | 0,27 |
| 16 | 52,47          | 48,82          | 10109016    | 37             | 10             | 30 | 0,24 | 10209016    | 37             | 12             | 30 | 0,27 | 10309016    | 37             | 12             | 35 | 0,35 |
| 17 | 55,49          | 51,84          | 10109017    | 40             | 10             | 30 | 0,28 | 10209017    | 40             | 12             | 30 | 0,32 | 10309017    | 40             | 12             | 35 | 0,40 |
| 18 | 58,50          | 54,85          | 10109018    | 43             | 10             | 30 | 0,33 | 10209018    | 43             | 12             | 30 | 0,38 | 10309018    | 43             | 12             | 35 | 0,45 |
| 19 | 61,52          | 57,87          | 10109019    | 45             | 10             | 30 | 0,36 | 10209019    | 46             | 12             | 30 | 0,42 | 10309019    | 46             | 12             | 35 | 0,50 |
| 20 | 64,54          | 60,89          | 10109020    | 46             | 10             | 30 | 0,39 | 10209020    | 49             | 12             | 30 | 0,48 | 10309020    | 49             | 12             | 35 | 0,55 |
| 21 | 67,56          | 63,91          | 10109021    | 48             | 12             | 30 | 0,42 | 10209021    | 52             | 12             | 30 | 0,52 | 10309021    | 52             | 14             | 40 | 0,70 |
| 22 | 70,58          | 66,93          | 10109022    | 50             | 12             | 30 | 0,46 | 10209022    | 55             | 12             | 30 | 0,58 | 10309022    | 55             | 14             | 40 | 0,80 |
| 23 | 73,60          | 69,95          | 10109023    | 52             | 12             | 30 | 0,50 | 10209023    | 58             | 12             | 30 | 0,64 | 10309023    | 58             | 14             | 40 | 0,90 |
| 24 | 76,62          | 72,97          | 10109024    | 54             | 12             | 30 | 0,54 | 10209024    | 61             | 12             | 30 | 0,71 | 10309024    | 61             | 14             | 40 | 0,98 |
| 25 | 79,65          | 76,00          | 10109025    | 57             | 12             | 30 | 0,60 | 10209025    | 64             | 12             | 30 | 0,79 | 10309025    | 64             | 14             | 40 | 1,05 |
| 26 | 82,67          | 79,02          | 10109026    | 60             | 12             | 30 | 0,66 | 10209026    | 67             | 12             | 30 | 0,87 | 10309026    | 67             | 14             | 40 | 1,15 |
| 27 | 85,70          | 82,05          | 10109027    | 60             | 12             | 30 | 0,67 | 10209027    | 70             | 12             | 30 | 0,94 | 10309027    | 70             | 14             | 40 | 1,25 |
| 28 | 88,72          | 85,07          | 10109028    | 60             | 12             | 30 | 0,69 | 10209028    | 73             | 12             | 30 | 1,03 | 10309028    | 73             | 14             | 40 | 1,35 |
| 29 | 91,75          | 88,10          | 10109029    | 60             | 12             | 30 | 0,70 | 10209029    | 76             | 12             | 30 | 1,11 | 10309029    | 76             | 14             | 40 | 1,46 |
| 30 | 94,77          | 91,12          | 10109030    | 60             | 12             | 30 | 0,72 | 10209030    | 79             | 12             | 30 | 1,20 | 10309030    | 79             | 14             | 40 | 1,60 |
| 31 | 97,80          | 94,15          | 10109031    | 65             | 14             | 30 | 0,87 | 10209031    | 80             | 16             | 30 | 1,27 | 10309031    | 80             | 16             | 40 | 1,70 |
| 32 | 100,83         | 97,18          | 10109032    | 65             | 14             | 30 | 0,89 | 10209032    | 80             | 16             | 30 | 1,32 | 10309032    | 80             | 16             | 40 | 1,77 |
| 33 | 103,85         | 100,20         | 10109033    | 65             | 14             | 30 | 0,91 | 10209033    | 80             | 16             | 30 | 1,37 | 10309033    | 80             | 16             | 40 | 1,85 |
| 34 | 106,88         | 103,23         | 10109034    | 65             | 14             | 30 | 0,92 | 10209034    | 80             | 16             | 30 | 1,43 | 10309034    | 85             | 16             | 40 | 2,00 |
| 35 | 109,91         | 106,26         | 10109035    | 65             | 14             | 30 | 0,95 | 10209035    | 80             | 16             | 30 | 1,49 | 10309035    | 85             | 16             | 40 | 2,15 |
| 36 | 112,94         | 109,29         | 10109036    | 70             | 16             | 30 | 1,05 | 10209036    | 90             | 16             | 30 | 1,70 | 10309036    | 90             | 16             | 40 | 2,25 |
| 37 | 115,97         | 112,32         | 10109037    | 70             | 16             | 30 | 1,09 | 10209037    | 90             | 16             | 30 | 1,76 | 10309037    | 90             | 16             | 40 | 2,30 |
| 38 | 118,99         | 115,34         | 10109038    | 70             | 16             | 30 | 1,10 | 10209038    | 90             | 16             | 30 | 1,81 | 10309038    | 90             | 16             | 40 | 2,55 |
| 39 | 122,02         | 118,37         | 10109039    | 70             | 16             | 30 | 1,12 | 10209039    | 90             | 16             | 30 | 1,88 | 10309039    | 90             | 16             | 40 | 2,65 |
| 40 | 125,05         | 121,40         | 10109040    | 70             | 16             | 30 | 1,14 | 10209040    | 90             | 16             | 30 | 1,95 | 10309040    | 90             | 16             | 40 | 2,80 |
| 42 | 131,11         | 127,46         | 10109042    | 80             | 16             | 32 | 1,56 | 10209042    | 90             | 16             | 40 | 2,44 |             |                |                |    |      |
| 45 | 140,20         | 136,55         | 10109045    | 80             | 16             | 32 | 1,66 | 10209045    | 90             | 16             | 40 | 3,15 | 10309045    | 90             | 16             | 56 | 4,72 |
| 48 | 149,29         | 145,64         | 10109048    | 80             | 16             | 32 | 1,75 | 10209048    | 90             | 16             | 40 | 3,43 |             |                |                |    |      |
| 50 | 155,34         | 151,69         | 10109050    | 80             | 16             | 32 | 1,80 | 10209050    | 90             | 16             | 40 | 3,53 | 10309050    | 90             | 16             | 56 | 5,29 |
| 57 | 176,56         | 172,91         | 10109057    | 80             | 16             | 32 | 1,96 | 10209057    | 90             | 16             | 40 | 4,16 | 10309057    | 90             | 16             | 56 | 6,24 |
| 60 | 185,65         | 182,00         | 10109060    | 80             | 16             | 32 | 2,03 | 10209060    | 90             | 16             | 40 | 4,45 | 10309060    | 90             | 20             | 56 | 6,67 |
| 76 | 234,14         | 230,49         | 10109076    | 80             | 20             | 32 | 2,67 | 10209076    | 90             | 20             | 40 | 6,23 | 10309076    | 100            | 20             | 56 | 9,34 |

MATERIAL **C 45 UNI 7845**  
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL **FE**  
FOR CHAIN SPROCKETS WITH WELDED HUB

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Quantity, availability and prices  
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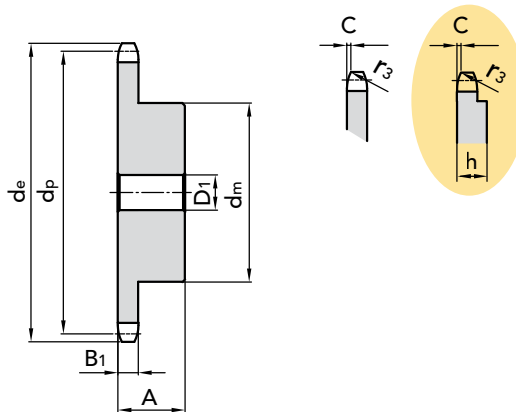
## 1/2" x 1/8"

### CHAIN SPROCKETS

|                             |    |    |
|-----------------------------|----|----|
| Tooth radius $r_3$          | 13 | mm |
| Radius width $\bar{C}$      | 1  | mm |
| Sprockets tooth width $B_1$ | 3  | mm |

### CHAIN

|             |      |    |
|-------------|------|----|
| Pitch       | 12,7 | mm |
| Inner width | 3,3  | mm |
| Roller Ø    | 7,75 | mm |



### SIMPLES

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  |
|----|----------------|----------------|-------------|----------------|----------------|----|------|
| 8  | 38,44          | 33,18          | 10110008    | 21             | 8              | 14 | 0,04 |
| 9  | 42,38          | 37,13          | 10110009    | 25             | 8              | 14 | 0,06 |
| 10 | 46,35          | 41,10          | 10110010    | 28             | 8              | 14 | 0,07 |
| 11 | 50,33          | 45,07          | 10110011    | 31             | 8              | 16 | 0,10 |
| 12 | 54,32          | 49,07          | 10110012    | 35             | 8              | 16 | 0,13 |
| 13 | 58,32          | 53,06          | 10110013    | 39             | 8              | 16 | 0,16 |
| 14 | 62,32          | 57,07          | 10110014    | 43             | 8              | 16 | 0,19 |
| 15 | 66,33          | 61,09          | 10110015    | 47             | 8              | 16 | 0,23 |
| 16 | 70,35          | 65,10          | 10110016    | 50             | 10             | 18 | 0,29 |
| 17 | 74,37          | 69,11          | 10110017    | 50             | 10             | 18 | 0,30 |
| 18 | 78,39          | 73,14          | 10110018    | 50             | 10             | 18 | 0,31 |
| 19 | 82,41          | 77,16          | 10110019    | 50             | 10             | 18 | 0,32 |
| 20 | 86,43          | 81,19          | 10110020    | 50             | 10             | 18 | 0,33 |
| 21 | 90,46          | 85,22          | 10110021    | 60             | 12             | 20 | 0,48 |
| 22 | 94,49          | 89,24          | 10110022    | 60             | 12             | 20 | 0,49 |
| 23 | 98,52          | 93,27          | 10110023    | 60             | 12             | 20 | 0,51 |
| 24 | 102,55         | 97,29          | 10110024    | 60             | 12             | 20 | 0,52 |
| 25 | 106,58         | 101,33         | 10110025    | 60             | 12             | 20 | 0,53 |
| 26 | 110,61         | 105,36         | 10110026    | 70             | 16             | 20 | 0,67 |
| 27 | 114,65         | 109,40         | 10110027    | 70             | 16             | 20 | 0,69 |
| 28 | 118,68         | 113,42         | 10110028    | 70             | 16             | 20 | 0,70 |
| 29 | 122,71         | 117,46         | 10110029    | 70             | 16             | 20 | 0,72 |
| 30 | 126,75         | 121,50         | 10110030    | 70             | 16             | 20 | 0,74 |
| 31 | 130,76         | 125,54         | 10110031    | 70             | 16             | 20 | 0,76 |
| 32 | 134,82         | 129,56         | 10110032    | 70             | 16             | 20 | 0,77 |
| 33 | 138,86         | 133,60         | 10110033    | 70             | 16             | 20 | 0,79 |
| 34 | 142,89         | 137,64         | 10110034    | 70             | 16             | 20 | 0,81 |
| 35 | 146,93         | 141,68         | 10110035    | 70             | 16             | 20 | 0,83 |
| 36 | 150,97         | 145,72         | 10110036    | 70             | 16             | 25 | 1,00 |
| 37 | 155,00         | 149,76         | 10110037    | 70             | 16             | 25 | 1,02 |
| 38 | 159,04         | 153,80         | 10110038    | 70             | 16             | 25 | 1,04 |
| 39 | 163,08         | 157,83         | 10110039    | 70             | 16             | 25 | 1,06 |
| 40 | 167,12         | 161,87         | 10110040    | 70             | 16             | 25 | 1,09 |

MATERIAL **C 45 UNI 7845**

From **Z 31** the width of the disk wheel is increased to **h = 5mm**

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CHAIN SPROCKETS 1/2" x 1/8" for roller chains in compliance with DIN 8187 - ISO/R 606



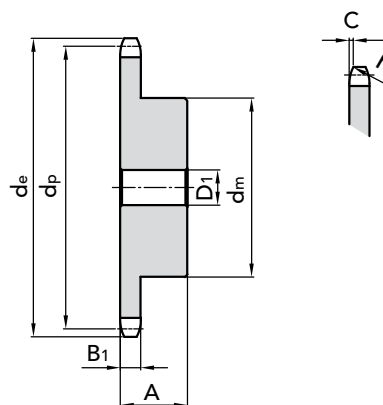
## 1/2" x 3/16"

## CHAIN SPROCKETS

|                             |     |    |
|-----------------------------|-----|----|
| Tooth radius $r_3$          | 13  | mm |
| Radius width $\bar{C}$      | 1,3 | mm |
| Sprockets tooth width $B_1$ | 4,5 | mm |

## CHAIN

|                      |      |    |
|----------------------|------|----|
| Pitch                | 12,7 | mm |
| Inner width          | 4,88 | mm |
| Roller $\varnothing$ | 7,75 | mm |



## SIMPLES

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  |
|----|----------------|----------------|-------------|----------------|----------------|----|------|
| 8  | 38,50          | 33,18          | 10111008    | 21             | 8              | 14 | 0,02 |
| 9  | 41,50          | 37,13          | 10111009    | 25             | 8              | 14 | 0,03 |
| 10 | 46,20          | 41,10          | 10111010    | 28             | 8              | 14 | 0,04 |
| 11 | 49,60          | 45,07          | 10111011    | 31             | 8              | 16 | 0,05 |
| 12 | 53,90          | 49,07          | 10111012    | 35             | 8              | 16 | 0,05 |
| 13 | 58,40          | 53,06          | 10111013    | 39             | 8              | 16 | 0,06 |
| 14 | 62,80          | 57,07          | 10111014    | 43             | 8              | 16 | 0,08 |
| 15 | 66,80          | 61,09          | 10111015    | 47             | 8              | 16 | 0,09 |
| 16 | 70,90          | 65,10          | 10111016    | 50             | 10             | 18 | 0,10 |
| 17 | 74,90          | 69,11          | 10111017    | 50             | 10             | 18 | 0,12 |
| 18 | 78,90          | 73,14          | 10111018    | 50             | 10             | 18 | 0,13 |
| 19 | 82,90          | 77,16          | 10111019    | 50             | 10             | 18 | 0,15 |
| 20 | 86,90          | 81,19          | 10111020    | 50             | 10             | 18 | 0,16 |
| 21 | 91,00          | 85,22          | 10111021    | 60             | 12             | 20 | 0,18 |
| 22 | 95,00          | 89,24          | 10111022    | 60             | 12             | 20 | 0,20 |
| 23 | 99,00          | 93,27          | 10111023    | 60             | 12             | 20 | 0,22 |
| 24 | 103,00         | 97,29          | 10111024    | 60             | 12             | 20 | 0,24 |
| 25 | 107,10         | 101,33         | 10111025    | 60             | 12             | 20 | 0,26 |
| 26 | 111,20         | 105,36         | 10111026    | 70             | 16             | 20 | 0,28 |
| 27 | 115,40         | 109,40         | 10111027    | 70             | 16             | 20 | 0,30 |
| 28 | 119,40         | 113,42         | 10111028    | 70             | 16             | 20 | 0,33 |
| 29 | 123,40         | 117,46         | 10111029    | 70             | 16             | 20 | 0,35 |
| 30 | 127,50         | 121,50         | 10111030    | 70             | 16             | 20 | 0,38 |
| 31 | 131,50         | 125,54         | 10111031    | 70             | 16             | 20 | 0,40 |
| 32 | 135,50         | 129,56         | 10111032    | 70             | 16             | 20 | 0,43 |
| 33 | 139,60         | 133,60         | 10111033    | 70             | 16             | 20 | 0,46 |
| 34 | 143,60         | 137,64         | 10111034    | 70             | 16             | 20 | 0,49 |
| 35 | 147,60         | 141,68         | 10111035    | 70             | 16             | 20 | 0,52 |
| 36 | 151,70         | 145,72         | 10111036    | 70             | 16             | 25 | 0,55 |
| 37 | 155,70         | 149,76         | 10111037    | 70             | 16             | 25 | 0,58 |
| 38 | 159,80         | 153,80         | 10111038    | 70             | 16             | 25 | 0,62 |
| 39 | 163,80         | 157,83         | 10111039    | 70             | 16             | 25 | 0,65 |
| 40 | 167,80         | 161,87         | 10111040    | 70             | 16             | 25 | 0,68 |

MATERIAL C 45 UNI 7845

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Quantity, availability and prices  
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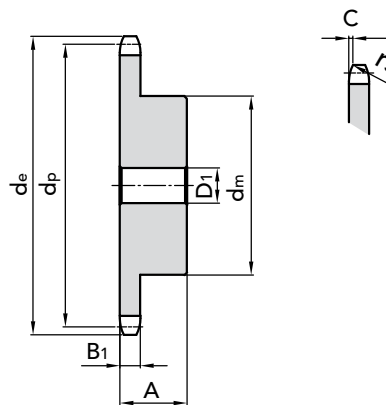
## 1/2" x 1/4" rullo 7.75

### CHAIN SPROCKETS

|                             |     |    |
|-----------------------------|-----|----|
| Tooth radius $r_3$          | 13  | mm |
| Radius width $\bar{C}$      | 1,3 | mm |
| Sprockets tooth width $B_1$ | 5,9 | mm |

### CHAIN

|             |      |    |
|-------------|------|----|
| Pitch       | 12,7 | mm |
| Inner width | 6,4  | mm |
| Roller Ø    | 7,75 | mm |



### SIMPLES

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  |
|----|----------------|----------------|-------------|----------------|----------------|----|------|
| 15 |                |                |             |                |                |    |      |
| 16 |                |                |             |                |                |    |      |
| 17 | 74,37          | 69,11          | 10113017    | 52             | 8              | 28 | 0,51 |
| 21 | 90,46          | 85,22          | 10113021    | 68             | 8              | 28 | 0,83 |
| 22 | 94,49          | 89,24          | 10113022    | 70             | 8              | 28 | 0,90 |
| 23 | 98,52          | 93,27          | 10113023    | 70             | 8              | 28 | 0,94 |
| 25 |                |                |             |                |                |    |      |
| 26 | 110,61         | 105,36         | 10113026    | 70             | 8              | 30 | 1,09 |
| 27 |                |                |             |                |                |    |      |
| 28 | 118,68         | 113,42         | 10113028    | 70             | 10             | 30 | 1,13 |
| 29 | 122,71         | 117,46         | 10113029    | 80             | 10             | 30 | 1,39 |
| 30 | 126,75         | 121,50         | 10113030    | 80             | 10             | 30 | 1,41 |
| 31 | 130,78         | 125,54         | 10113031    | 90             | 10             | 30 | 1,22 |
| 32 |                |                |             |                |                |    |      |
| 33 | 138,86         | 133,60         | 10113033    | 90             | 10             | 30 | 1,29 |
| 34 | 142,89         | 137,64         | 10113034    | 90             | 10             | 30 | 1,83 |
| 35 | 146,93         | 141,68         | 10113035    | 90             | 10             | 30 | 1,89 |
| 36 | 150,97         | 145,72         | 10113036    | 90             | 10             | 30 | 2,14 |
| 38 | 159,04         | 153,80         | 10113038    | 90             | 12             | 35 | 2,22 |
| 39 | 163,08         | 157,83         | 10113039    | 90             | 12             | 35 | 1,65 |
| 40 | 167,12         | 161,87         | 10113040    | 90             | 12             | 35 | 2,41 |

MATERIAL C 45 UNI 7845

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Quantity, availability and prices  
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CHAIN SPROCKETS 1/2" x 1/4" rullo 7.75 for roller chains in compliance with DIN 8187 - ISO/R 606



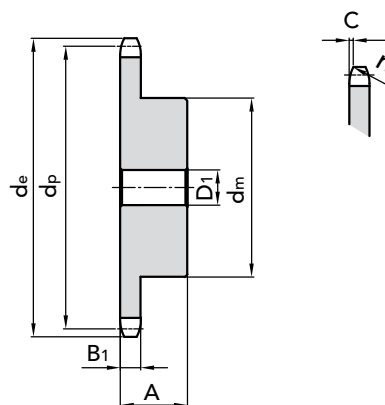
## 1/2" x 1/4" rullo 8.51

## CHAIN SPROCKETS

|                             |     |    |
|-----------------------------|-----|----|
| Tooth radius $r_3$          | 13  | mm |
| Radius width $\bar{C}$      | 1,3 | mm |
| Sprockets tooth width $B_1$ | 5,9 | mm |

## CHAIN

|                      |      |    |
|----------------------|------|----|
| Pitch                | 12,7 | mm |
| Inner width          | 6,4  | mm |
| Roller $\varnothing$ | 8,51 | mm |



## SIMPLES

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  |
|----|----------------|----------------|-------------|----------------|----------------|----|------|
| 8  | 37,68          | 33,19          | 10114008    | 20             | 8              | 25 | 0,45 |
| 9  | 41,62          | 37,13          | 10114009    | 24             | 8              | 25 | 0,48 |
| 11 | 49,57          | 45,08          | 10114011    | 29             | 8              | 25 | 0,51 |
| 15 | 65,57          | 61,08          | 10114015    | 45             | 8              | 28 | 0,53 |
| 16 |                |                |             |                |                |    |      |
| 17 |                |                |             |                |                |    |      |
| 19 | 81,65          | 77,16          | 10114019    | 60             | 8              | 28 | 0,59 |
| 21 |                |                |             |                |                |    |      |
| 22 | 93,73          | 89,24          | 10114022    | 70             | 10             | 28 | 0,78 |
| 23 | 97,76          | 93,27          | 10114023    | 70             | 10             | 28 | 0,91 |
| 25 | 105,82         | 101,33         | 10114025    | 70             | 10             | 28 | 0,98 |
| 26 | 109,85         | 105,36         | 10114026    | 70             | 10             | 30 | 1,01 |
| 27 | 113,89         | 109,40         | 10114027    | 70             | 10             | 30 | 1,04 |
| 28 | 117,92         | 113,43         | 10114028    | 70             | 10             | 30 | 1,18 |
| 29 | 121,95         | 117,46         | 10114029    | 80             | 10             | 30 | 1,25 |
| 30 | 125,99         | 121,50         | 10114030    | 80             | 10             | 30 | 1,32 |
| 31 | 130,02         | 125,53         | 10114031    | 90             | 10             | 30 | 1,39 |
| 32 | 134,06         | 129,57         | 10114032    | 90             | 10             | 30 | 1,44 |
| 33 | 138,10         | 133,61         | 10114033    | 90             | 12             | 30 | 1,49 |
| 34 | 142,13         | 137,64         | 10114034    | 90             | 12             | 30 | 1,54 |
| 35 | 146,17         | 141,68         | 10114035    | 90             | 12             | 30 | 1,59 |
| 36 | 150,21         | 145,72         | 10114036    | 90             | 12             | 35 | 1,64 |
| 38 | 158,28         | 153,79         | 10114038    | 90             | 12             | 35 | 1,66 |
| 39 |                |                |             |                |                |    |      |
| 40 | 166,36         | 161,87         | 10114040    | 90             | 12             | 35 | 1,78 |

MATERIAL C 45 UNI 7845

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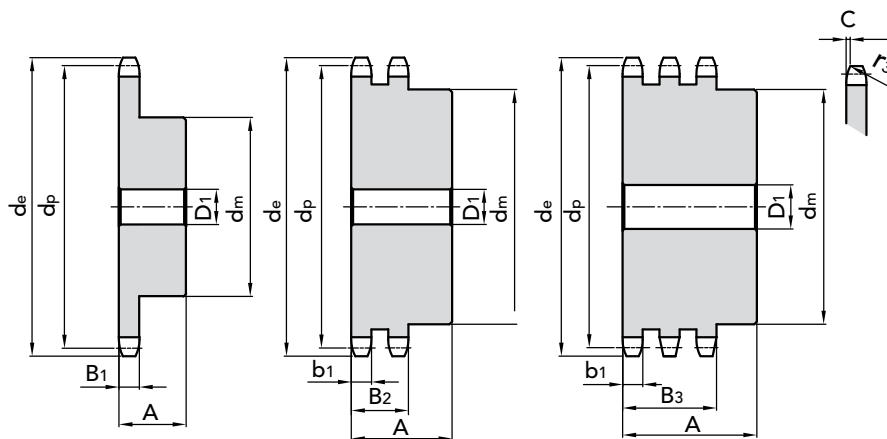
## 1/2" x 5/16"

### CHAIN SPROCKETS

|                             |      |    |
|-----------------------------|------|----|
| Tooth radius $r_3$          | 13   | mm |
| Radius width $\bar{C}$      | 1,3  | mm |
| Sprockets tooth width $B_1$ | 7,2  | mm |
| Sprockets tooth width $b_1$ | 7    | mm |
| Sprockets tooth width $B_2$ | 21   | mm |
| Sprockets tooth width $B_3$ | 34,9 | mm |

### CHAIN

|             |      |    |
|-------------|------|----|
| Pitch       | 12,7 | mm |
| Inner width | 7,75 | mm |
| Roller Ø    | 8,51 | mm |



#### SIMPLES

#### DOUBLE

#### TRIPLE

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.   |
|----|----------------|----------------|-------------|----------------|----------------|----|------|-------------|----------------|----------------|----|------|-------------|----------------|----------------|----|-------|
| 8  | 37,68          | 33,18          | 10112008    | 20             | 10             | 25 | 0,06 | 10212008    | 20             | 10             | 32 | 0,09 | 10312008    | 20             | 10             | 46 | 0,13  |
| 9  | 41,62          | 37,13          | 10112009    | 24             | 10             | 25 | 0,09 | 10212009    | 24             | 10             | 32 | 0,13 | 10312009    | 24             | 12             | 46 | 0,18  |
| 10 | 45,59          | 41,10          | 10112010    | 26             | 10             | 25 | 0,12 | 10212010    | 28             | 10             | 32 | 0,18 | 10312010    | 28             | 12             | 46 | 0,24  |
| 11 | 49,57          | 45,07          | 10112011    | 29             | 10             | 25 | 0,15 | 10212011    | 32             | 12             | 35 | 0,24 | 10312011    | 32             | 14             | 50 | 0,31  |
| 12 | 53,56          | 49,07          | 10112012    | 33             | 10             | 28 | 0,21 | 10212012    | 35             | 12             | 35 | 0,30 | 10312012    | 35             | 14             | 50 | 0,39  |
| 13 | 57,56          | 53,06          | 10112013    | 37             | 10             | 28 | 0,26 | 10212013    | 38             | 12             | 35 | 0,36 | 10312013    | 38             | 14             | 50 | 0,49  |
| 14 | 61,56          | 57,07          | 10112014    | 41             | 10             | 28 | 0,32 | 10212014    | 42             | 12             | 35 | 0,44 | 10312014    | 42             | 14             | 50 | 0,60  |
| 15 | 65,57          | 61,09          | 10112015    | 45             | 10             | 28 | 0,38 | 10212015    | 46             | 12             | 35 | 0,52 | 10312015    | 46             | 14             | 50 | 0,72  |
| 16 | 69,59          | 65,10          | 10112016    | 50             | 12             | 28 | 0,46 | 10212016    | 50             | 14             | 35 | 0,63 | 10312016    | 50             | 16             | 50 | 0,85  |
| 17 | 73,61          | 69,11          | 10112017    | 52             | 12             | 28 | 0,51 | 10212017    | 54             | 14             | 35 | 0,73 | 10312017    | 54             | 16             | 50 | 0,99  |
| 18 | 77,63          | 73,14          | 10112018    | 56             | 12             | 28 | 0,59 | 10212018    | 58             | 14             | 35 | 0,85 | 10312018    | 58             | 16             | 50 | 1,14  |
| 19 | 81,65          | 77,16          | 10112019    | 60             | 12             | 28 | 0,67 | 10212019    | 62             | 14             | 35 | 0,97 | 10312019    | 62             | 16             | 50 | 1,30  |
| 20 | 85,67          | 81,19          | 10112020    | 64             | 12             | 28 | 0,76 | 10212020    | 66             | 14             | 35 | 1,10 | 10312020    | 66             | 16             | 50 | 1,47  |
| 21 | 89,70          | 85,22          | 10112021    | 68             | 12             | 28 | 0,85 | 10212021    | 70             | 16             | 40 | 1,29 | 10312021    | 70             | 20             | 55 | 1,79  |
| 22 | 93,73          | 89,24          | 10112022    | 70             | 12             | 28 | 0,91 | 10212022    | 70             | 16             | 40 | 1,37 | 10312022    | 70             | 20             | 55 | 1,93  |
| 23 | 97,76          | 93,27          | 10112023    | 70             | 14             | 28 | 0,95 | 10212023    | 70             | 16             | 40 | 1,46 | 10312023    | 70             | 20             | 55 | 2,08  |
| 24 | 101,79         | 97,29          | 10112024    | 70             | 14             | 28 | 0,98 | 10212024    | 75             | 16             | 40 | 1,64 | 10312024    | 75             | 20             | 55 | 2,32  |
| 25 | 105,82         | 101,33         | 10112025    | 70             | 14             | 28 | 1,01 | 10212025    | 80             | 16             | 40 | 1,82 | 10312025    | 80             | 20             | 55 | 2,57  |
| 26 | 109,65         | 105,36         | 10112026    | 70             | 16             | 30 | 1,09 | 10212026    | 85             | 20             | 40 | 2,02 | 10312026    | 85             | 20             | 55 | 2,79  |
| 27 | 113,89         | 109,40         | 10112027    | 70             | 16             | 30 | 1,13 | 10212027    | 85             | 20             | 40 | 2,12 | 10312027    | 85             | 20             | 55 | 2,96  |
| 28 | 117,92         | 113,42         | 10112028    | 70             | 16             | 30 | 1,17 | 10212028    | 90             | 20             | 40 | 2,34 | 10312028    | 90             | 20             | 55 | 3,25  |
| 29 | 121,95         | 117,46         | 10112029    | 80             | 16             | 30 | 1,42 | 10212029    | 95             | 20             | 40 | 2,56 | 10312029    | 95             | 20             | 55 | 3,55  |
| 30 | 125,99         | 121,50         | 10112030    | 80             | 16             | 30 | 1,46 | 10212030    | 100            | 20             | 40 | 2,79 | 10312030    | 100            | 20             | 55 | 3,86  |
| 31 | 130,02         | 125,54         | 10112031    | 90             | 16             | 30 | 1,74 | 10212031    | 100            | 20             | 40 | 2,87 | 10312031    | 110            | 20             | 55 | 4,42  |
| 32 | 134,40         | 129,56         | 10112032    | 90             | 16             | 30 | 1,78 | 10212032    | 100            | 20             | 40 | 3,00 | 10312032    | 110            | 20             | 55 | 4,53  |
| 33 | 138,10         | 133,60         | 10112033    | 90             | 16             | 30 | 1,83 | 10212033    | 100            | 20             | 40 | 3,13 | 10312033    | 110            | 20             | 55 | 4,74  |
| 34 | 142,13         | 137,64         | 10112034    | 90             | 16             | 30 | 1,88 | 10212034    | 100            | 20             | 40 | 3,26 | 10312034    | 110            | 20             | 55 | 4,97  |
| 35 | 146,17         | 141,68         | 10112035    | 90             | 16             | 30 | 1,93 | 10212035    | 100            | 20             | 40 | 3,40 | 10312035    | 110            | 20             | 55 | 5,20  |
| 36 | 150,21         | 145,72         | 10112036    | 90             | 16             | 35 | 2,22 | 10212036    | 110            | 20             | 40 | 3,54 | 10312036    | 120            | 25             | 55 | 5,64  |
| 37 | 154,24         | 149,76         | 10112037    | 90             | 16             | 35 | 2,27 | 10212037    | 110            | 20             | 40 | 3,69 | 10312037    | 120            | 25             | 55 | 5,88  |
| 38 | 158,28         | 153,80         | 10112038    | 90             | 16             | 35 | 2,32 | 10212038    | 110            | 20             | 40 | 3,84 | 10312038    | 120            | 25             | 55 | 6,14  |
| 39 | 162,32         | 157,83         | 10112039    | 90             | 16             | 35 | 2,38 | 10212039    | 110            | 20             | 40 | 4,00 | 10312039    | 120            | 25             | 55 | 6,40  |
| 40 | 166,36         | 161,87         | 10112040    | 90             | 16             | 35 | 2,43 | 10212040    | 110            | 20             | 40 | 4,15 | 10312040    | 120            | 25             | 55 | 6,66  |
| 42 |                |                |             |                |                |    |      | 10212042    | 110            | 20             | 50 | 5,67 |             |                |                |    |       |
| 45 |                |                |             |                |                |    |      | 10212045    | 110            | 20             | 50 | 6,26 | 10312045    | 110            | 25             | 60 | 9,12  |
| 48 |                |                |             |                |                |    |      | 10212048    | 110            | 20             | 50 | 6,75 |             |                |                |    |       |
| 50 |                |                |             |                |                |    |      | 10212050    | 110            | 20             | 50 | 7,17 | 10312050    | 110            | 25             | 60 | 10,74 |
| 57 |                |                |             |                |                |    |      | 10212057    | 110            | 25             | 50 | 8,65 | 10312057    | 110            | 25             | 60 | 13,26 |
| 60 |                |                |             |                |                |    |      | 10212060    | 110            | 25             | 50 | 9,35 | 10312060    | 110            | 25             | 60 | 14,40 |
| 76 |                |                |             |                |                |    |      | 10212076    | 110            | 25             | 56 | 13,3 | 10312076    | 110            | 25             | 60 | 21,78 |

MATERIAL **C 45 UNI 7845**  
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL **FE**  
FOR CHAIN SPROCKETS WITH WELDED HUB

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Quantity, availability and prices  
on B2B Chiaravalli



CHAIN SPROCKETS 1/2" x 5/16" for roller chains in compliance with DIN 8187 - ISO/R 606



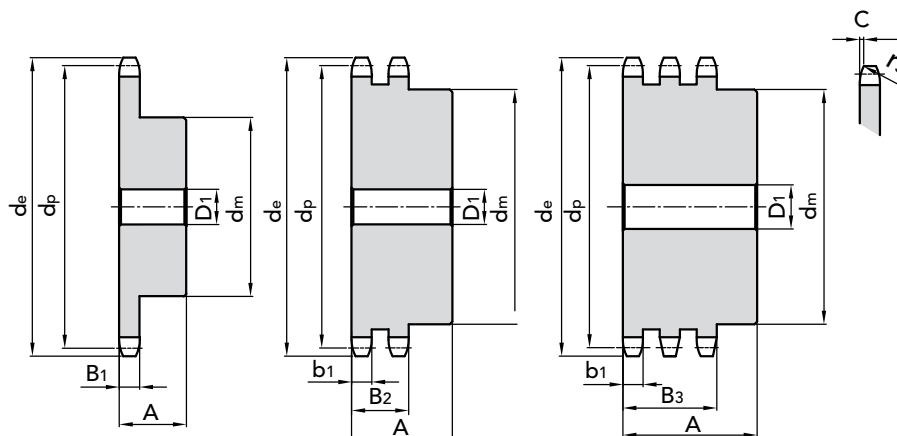
5/8" x 3/8"

## CHAIN SPROCKETS

|                             |      |    |
|-----------------------------|------|----|
| Tooth radius $r_3$          | 16   | mm |
| Radius width $\bar{C}$      | 1,6  | mm |
| Sprockets tooth width $B_1$ | 9,1  | mm |
| Sprockets tooth width $b_1$ | 9    | mm |
| Sprockets tooth width $B_2$ | 25,5 | mm |
| Sprockets tooth width $B_3$ | 42,1 | mm |

## CHAIN

|             |        |    |
|-------------|--------|----|
| Pitch       | 15,875 | mm |
| Inner width | 9,65   | mm |
| Roller Ø    | 10,16  | mm |



## SIMPLES

## DOUBLE

## TRIPLE

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.   | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.   | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.   |
|----|----------------|----------------|-------------|----------------|----------------|----|-------|-------------|----------------|----------------|----|-------|-------------|----------------|----------------|----|-------|
| 8  | 48,32          | 41,48          | 10115008    | 25             | 10             | 25 | 0,12  | 10215008    | 25             | 12             | 40 | 0,19  | 10315008    | 25             | 12             | 55 | 0,27  |
| 9  | 53,26          | 46,42          | 10115009    | 30             | 10             | 25 | 0,16  | 10215009    | 30             | 12             | 40 | 0,27  | 10315009    | 30             | 12             | 55 | 0,38  |
| 10 | 58,21          | 51,37          | 10115010    | 35             | 10             | 25 | 0,22  | 10215010    | 35             | 12             | 40 | 0,36  | 10315010    | 35             | 16             | 55 | 0,47  |
| 11 | 63,19          | 56,35          | 10115011    | 37             | 12             | 30 | 0,29  | 10215011    | 39             | 14             | 40 | 0,43  | 10315011    | 39             | 16             | 55 | 0,61  |
| 12 | 68,18          | 61,34          | 10115012    | 42             | 12             | 30 | 0,37  | 10215012    | 44             | 14             | 40 | 0,55  | 10315012    | 44             | 16             | 55 | 0,78  |
| 13 | 73,17          | 66,33          | 10115013    | 47             | 12             | 30 | 0,46  | 10215013    | 49             | 14             | 40 | 0,68  | 10315013    | 49             | 16             | 55 | 0,96  |
| 14 | 78,18          | 71,34          | 10115014    | 52             | 12             | 30 | 0,56  | 10215014    | 54             | 14             | 40 | 0,82  | 10315014    | 54             | 16             | 55 | 1,15  |
| 15 | 83,19          | 76,35          | 10115015    | 57             | 12             | 30 | 0,67  | 10215015    | 59             | 14             | 40 | 0,97  | 10315015    | 59             | 16             | 55 | 1,37  |
| 16 | 88,21          | 81,37          | 10115016    | 60             | 12             | 30 | 0,76  | 10215016    | 64             | 16             | 45 | 1,26  | 10315016    | 64             | 16             | 60 | 1,72  |
| 17 | 93,23          | 86,39          | 10115017    | 60             | 12             | 30 | 0,88  | 10215017    | 69             | 16             | 45 | 1,46  | 10315017    | 69             | 16             | 60 | 1,99  |
| 18 | 98,26          | 91,42          | 10115018    | 70             | 14             | 30 | 1,01  | 10215018    | 74             | 16             | 45 | 1,67  | 10315018    | 74             | 16             | 60 | 2,27  |
| 19 | 103,29         | 96,45          | 10115019    | 70             | 14             | 30 | 1,15  | 10215019    | 79             | 16             | 45 | 1,90  | 10315019    | 79             | 16             | 60 | 2,58  |
| 20 | 108,32         | 101,48         | 10115020    | 75             | 14             | 30 | 1,21  | 10215020    | 84             | 16             | 45 | 2,14  | 10315020    | 84             | 16             | 60 | 2,91  |
| 21 | 113,35         | 106,51         | 10115021    | 75             | 16             | 30 | 1,35  | 10215021    | 85             | 16             | 45 | 2,27  | 10315021    | 85             | 20             | 60 | 3,12  |
| 22 | 118,39         | 111,55         | 10115022    | 80             | 16             | 30 | 1,41  | 10215022    | 90             | 16             | 45 | 2,54  | 10315022    | 90             | 20             | 60 | 3,48  |
| 23 | 123,43         | 116,59         | 10115023    | 80             | 16             | 30 | 1,47  | 10215023    | 95             | 16             | 45 | 2,82  | 10315023    | 95             | 20             | 60 | 3,48  |
| 24 | 128,46         | 121,62         | 10115024    | 80             | 16             | 30 | 1,54  | 10215024    | 100            | 16             | 45 | 3,11  | 10315024    | 100            | 20             | 60 | 4,86  |
| 25 | 133,50         | 126,66         | 10115025    | 80             | 16             | 30 | 1,60  | 10215025    | 105            | 16             | 45 | 3,15  | 10315025    | 105            | 20             | 60 | 4,25  |
| 26 | 138,54         | 131,70         | 10115026    | 85             | 20             | 35 | 1,96  | 10215026    | 110            | 16             | 45 | 3,74  | 10315026    | 110            | 20             | 60 | 4,67  |
| 27 | 143,58         | 136,74         | 10115027    | 85             | 20             | 35 | 2,04  | 10215027    | 110            | 20             | 45 | 3,94  | 10315027    | 110            | 20             | 60 | 5,10  |
| 28 | 148,63         | 141,79         | 10115028    | 90             | 20             | 35 | 2,25  | 10215028    | 115            | 20             | 45 | 4,28  | 10315028    | 115            | 20             | 60 | 5,43  |
| 29 | 153,67         | 146,83         | 10115029    | 90             | 20             | 35 | 2,33  | 10215029    | 115            | 20             | 45 | 4,50  | 10315029    | 115            | 20             | 60 | 5,90  |
| 30 | 158,71         | 151,87         | 10115030    | 90             | 20             | 35 | 2,41  | 10215030    | 120            | 20             | 45 | 4,87  | 10315030    | 120            | 20             | 60 | 6,25  |
| 31 | 163,76         | 156,92         | 10115031    | 95             | 20             | 35 | 2,64  | 10215031    | 120            | 20             | 45 | 5,10  | 10315031    | 120            | 20             | 60 | 7,18  |
| 32 | 168,80         | 161,96         | 10115032    | 95             | 20             | 35 | 2,73  | 10215032    | 120            | 20             | 45 | 5,34  | 10315032    | 120            | 20             | 60 | 7,56  |
| 33 | 173,85         | 167,01         | 10115033    | 95             | 20             | 35 | 2,82  | 10215033    | 120            | 20             | 45 | 5,59  | 10315033    | 120            | 20             | 60 | 7,97  |
| 34 | 178,89         | 172,05         | 10115034    | 95             | 20             | 35 | 2,92  | 10215034    | 120            | 20             | 45 | 5,84  | 10315034    | 120            | 20             | 60 | 8,36  |
| 35 | 183,94         | 177,10         | 10115035    | 95             | 20             | 35 | 3,01  | 10215035    | 120            | 20             | 45 | 6,11  | 10315035    | 120            | 20             | 60 | 8,74  |
| 36 | 188,99         | 182,15         | 10115036    | 100            | 20             | 35 | 3,27  | 10215036    | 120            | 20             | 45 | 6,38  | 10315036    | 120            | 25             | 60 | 9,15  |
| 37 | 194,03         | 187,19         | 10115037    | 100            | 20             | 35 | 3,37  | 10215037    | 120            | 20             | 45 | 6,66  | 10315037    | 120            | 25             | 60 | 9,61  |
| 38 | 199,08         | 192,24         | 10115038    | 100            | 20             | 35 | 3,47  | 10215038    | 120            | 20             | 45 | 6,95  | 10315038    | 120            | 25             | 60 | 10,08 |
| 39 | 204,13         | 197,29         | 10115039    | 100            | 20             | 35 | 3,58  | 10215039    | 120            | 20             | 45 | 7,25  | 10315039    | 120            | 25             | 60 | 10,57 |
| 40 | 209,17         | 202,33         | 10115040    | 100            | 20             | 35 | 3,69  | 10215040    | 120            | 20             | 45 | 7,55  | 10315040    | 120            | 25             | 60 | 11,97 |
| 42 | 219,27         | 212,43         | 10115042    | 100            | 20             | 40 | 4,73  | 10215042    | 130            | 20             | 50 | 9,35  |             |                |                |    |       |
| 45 | 234,42         | 227,58         | 10115045    | 100            | 20             | 40 | 5,09  | 10215045    | 130            | 20             | 50 | 10,32 | 10315045    | 130            | 25             | 60 | 15,70 |
| 48 | 249,57         | 242,73         | 10115048    | 100            | 20             | 40 | 5,43  | 10215048    | 130            | 20             | 50 | 11,40 |             |                |                |    |       |
| 50 | 259,66         | 252,82         | 10115050    | 100            | 20             | 40 | 5,70  | 10215050    | 130            | 20             | 50 | 12,11 | 10315050    | 130            | 25             | 60 | 18,83 |
| 57 | 295,02         | 288,18         | 10115057    | 100            | 20             | 40 | 6,66  | 10215057    | 130            | 20             | 50 | 15,74 | 10315057    | 130            | 25             | 60 | 23,40 |
| 60 | 310,17         | 303,33         | 10115060    | 100            | 20             | 40 | 7,15  | 10215060    | 130            | 20             | 50 | 16,40 | 10315060    | 130            | 25             | 60 | 25,80 |
| 76 | 390,99         | 384,15         | 10115076    | 100            | 20             | 50 | 10,28 | 10215076    | 130            | 20             | 63 | 24,93 | 10315076    | 130            | 25             | 67 | 40,25 |

MATERIAL **C 45 UNI 7845**  
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL **FE**  
FOR CHAIN SPROCKETS WITH WELDED HUB

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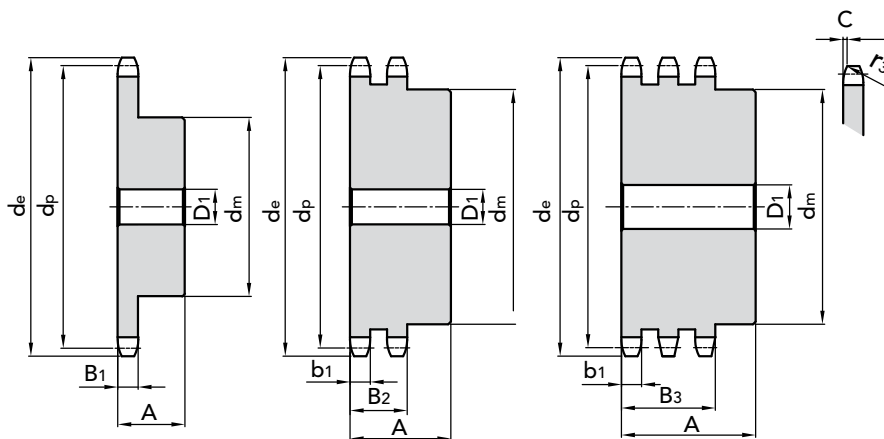
## 3/4" x 7/16"

### CHAIN SPROCKETS

|                             |      |    |
|-----------------------------|------|----|
| Tooth radius $r_3$          | 19   | mm |
| Radius width $\bar{C}$      | 2    | mm |
| Sprockets tooth width $B_1$ | 11,1 | mm |
| Sprockets tooth width $b_1$ | 10,8 | mm |
| Sprockets tooth width $B_2$ | 30,3 | mm |
| Sprockets tooth width $B_3$ | 49,8 | mm |

### CHAIN

|             |       |    |
|-------------|-------|----|
| Pitch       | 19,05 | mm |
| Inner width | 11,68 | mm |
| Roller Ø    | 12,07 | mm |



### SIMPLES

### DOUBLE

### TRIPLE

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.   | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.   | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.   |
|----|----------------|----------------|-------------|----------------|----------------|----|-------|-------------|----------------|----------------|----|-------|-------------|----------------|----------------|----|-------|
| 8  | 57,31          | 49,78          | 10119008    | 31             | 12             | 30 | 0,21  | 10219008    | 31             | 12             | 45 | 0,31  | 10319008    | 31             | 16             | 65 | 0,45  |
| 9  | 63,23          | 55,70          | 10119009    | 37             | 12             | 30 | 0,29  | 10219009    | 37             | 12             | 45 | 0,44  | 10319009    | 37             | 16             | 65 | 0,64  |
| 10 | 69,18          | 61,65          | 10119010    | 42             | 12             | 30 | 0,38  | 10219010    | 42             | 12             | 45 | 0,59  | 10319010    | 42             | 16             | 65 | 0,86  |
| 11 | 75,15          | 67,62          | 10119011    | 46             | 14             | 35 | 0,51  | 10219011    | 47             | 16             | 50 | 0,81  | 10319011    | 47             | 20             | 70 | 1,09  |
| 12 | 81,13          | 73,60          | 10119012    | 52             | 14             | 35 | 0,65  | 10219012    | 53             | 16             | 50 | 1,02  | 10319012    | 53             | 20             | 70 | 1,39  |
| 13 | 87,13          | 79,60          | 10119013    | 58             | 14             | 35 | 0,80  | 10219013    | 59             | 16             | 50 | 1,25  | 10319013    | 59             | 20             | 70 | 1,72  |
| 14 | 93,14          | 85,61          | 10119014    | 64             | 14             | 35 | 0,97  | 10219014    | 65             | 16             | 50 | 1,46  | 10319014    | 65             | 20             | 70 | 2,08  |
| 15 | 99,16          | 91,63          | 10119015    | 70             | 14             | 35 | 1,16  | 10219015    | 71             | 16             | 50 | 1,74  | 10319015    | 71             | 20             | 70 | 2,47  |
| 16 | 105,18         | 97,65          | 10119016    | 75             | 16             | 35 | 1,34  | 10219016    | 77             | 20             | 50 | 2,03  | 10319016    | 77             | 20             | 70 | 2,89  |
| 17 | 111,20         | 103,67         | 10119017    | 80             | 16             | 35 | 1,53  | 10219017    | 83             | 20             | 50 | 2,36  | 10319017    | 83             | 20             | 70 | 3,34  |
| 18 | 117,23         | 109,70         | 10119018    | 80             | 16             | 35 | 1,62  | 10219018    | 89             | 20             | 50 | 2,70  | 10319018    | 89             | 20             | 70 | 3,83  |
| 19 | 123,27         | 115,74         | 10119019    | 80             | 16             | 35 | 1,70  | 10219019    | 95             | 20             | 50 | 3,07  | 10319019    | 95             | 20             | 70 | 4,35  |
| 20 | 129,31         | 121,78         | 10119020    | 80             | 16             | 35 | 1,80  | 10219020    | 100            | 20             | 50 | 3,43  | 10319020    | 100            | 20             | 70 | 4,87  |
| 21 | 135,35         | 127,82         | 10119021    | 90             | 20             | 40 | 2,35  | 10219021    | 100            | 20             | 50 | 3,69  | 10319021    | 100            | 20             | 70 | 5,20  |
| 22 | 141,39         | 133,86         | 10119022    | 90             | 20             | 40 | 2,46  | 10219022    | 100            | 20             | 50 | 3,97  | 10319022    | 100            | 20             | 70 | 5,65  |
| 23 | 147,43         | 139,90         | 10119023    | 90             | 20             | 40 | 2,56  | 10219023    | 110            | 20             | 50 | 4,51  | 10319023    | 110            | 20             | 70 | 6,38  |
| 24 | 153,48         | 145,95         | 10119024    | 90             | 20             | 40 | 2,68  | 10219024    | 110            | 20             | 50 | 4,81  | 10319024    | 110            | 20             | 70 | 6,87  |
| 25 | 159,52         | 151,99         | 10119025    | 90             | 20             | 40 | 2,80  | 10219025    | 120            | 20             | 50 | 5,41  | 10319025    | 120            | 20             | 70 | 7,77  |
| 26 | 165,57         | 158,04         | 10119026    | 95             | 20             | 40 | 3,08  | 10219026    | 120            | 20             | 50 | 5,73  | 10319026    | 120            | 20             | 70 | 8,21  |
| 27 | 171,62         | 164,09         | 10119027    | 95             | 20             | 40 | 3,21  | 10219027    | 120            | 20             | 50 | 6,08  | 10319027    | 120            | 20             | 70 | 8,77  |
| 28 | 177,67         | 170,14         | 10119028    | 95             | 20             | 40 | 3,34  | 10219028    | 120            | 20             | 50 | 6,43  | 10319028    | 120            | 20             | 70 | 9,35  |
| 29 | 183,72         | 176,19         | 10119029    | 95             | 20             | 40 | 3,48  | 10219029    | 120            | 20             | 50 | 6,80  | 10319029    | 120            | 20             | 70 | 9,96  |
| 30 | 189,78         | 182,25         | 10119030    | 95             | 20             | 40 | 3,63  | 10219030    | 120            | 20             | 50 | 7,19  | 10319030    | 120            | 20             | 70 | 10,59 |
| 31 | 195,83         | 188,30         | 10119031    | 100            | 20             | 40 | 3,78  | 10219031    | 130            | 20             | 50 | 7,59  | 10319031    | 130            | 25             | 70 | 11,55 |
| 32 | 201,88         | 194,35         | 10119032    | 100            | 20             | 40 | 3,93  | 10219032    | 130            | 20             | 50 | 8,00  | 10319032    | 130            | 25             | 70 | 12,22 |
| 33 | 207,94         | 200,41         | 10119033    | 100            | 20             | 40 | 4,09  | 10219033    | 130            | 20             | 50 | 8,42  | 10319033    | 130            | 25             | 70 | 12,92 |
| 34 | 213,99         | 206,46         | 10119034    | 100            | 20             | 40 | 4,25  | 10219034    | 130            | 20             | 50 | 8,86  | 10319034    | 130            | 25             | 70 | 13,64 |
| 35 | 220,05         | 212,52         | 10119035    | 100            | 20             | 40 | 4,42  | 10219035    | 130            | 20             | 50 | 9,31  | 10319035    | 130            | 25             | 70 | 14,38 |
| 36 | 226,10         | 218,57         | 10119036    | 100            | 20             | 40 | 4,71  | 10219036    | 130            | 25             | 50 | 9,71  | 10319036    | 130            | 25             | 70 | 15,14 |
| 37 | 232,16         | 224,63         | 10119037    | 100            | 20             | 40 | 4,89  | 10219037    | 130            | 25             | 50 | 10,19 | 10319037    | 130            | 25             | 70 | 15,93 |
| 38 | 238,22         | 230,69         | 10119038    | 100            | 20             | 40 | 5,07  | 10219038    | 130            | 25             | 50 | 10,78 | 10319038    | 130            | 25             | 70 | 16,73 |
| 39 | 244,27         | 236,74         | 10119039    | 100            | 20             | 40 | 5,26  | 10219039    | 130            | 25             | 50 | 11,19 | 10319039    | 130            | 25             | 70 | 17,57 |
| 40 | 250,33         | 242,80         | 10119040    | 100            | 20             | 40 | 5,46  | 10219040    | 130            | 25             | 50 | 11,71 | 10319040    | 130            | 25             | 70 | 18,42 |
| 42 | 262,45         | 254,92         | 10119042    | 110            | 25             | 56 | 8,14  | 10219042    | 140            | 25             | 63 | 14,51 |             |                |                |    |       |
| 45 | 280,62         | 273,09         | 10119045    | 110            | 25             | 56 | 8,85  | 10219045    | 140            | 25             | 63 | 16,35 | 10319045    | 140            | 25             | 70 | 23,55 |
| 48 | 298,80         | 291,27         | 10119048    | 110            | 25             | 56 | 9,67  | 10219048    | 140            | 25             | 63 | 18,18 |             |                |                |    |       |
| 50 | 310,92         | 303,39         | 10119050    | 110            | 25             | 56 | 10,15 | 10219050    | 140            | 25             | 63 | 19,44 | 10319050    | 140            | 25             | 70 | 28,73 |
| 57 | 353,34         | 345,81         | 10119057    | 110            | 25             | 56 | 11,85 | 10219057    | 140            | 25             | 63 | 24,43 | 10319057    | 140            | 25             | 70 | 37,16 |
| 60 | 371,52         | 363,99         | 10119060    | 110            | 25             | 56 | 12,71 | 10219060    | 140            | 25             | 63 | 26,77 | 10319060    | 140            | 30             | 70 | 41,01 |
| 76 | 468,51         | 460,98         | 10119076    | 110            | 30             | 56 | 18,02 | 10219076    | 140            | 30             | 63 | 41,88 | 10319076    | 140            | 30             | 70 | 65,41 |

MATERIAL **C 45 UNI 7845**  
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL **FE**  
FOR CHAIN SPROCKETS WITH WELDED HUB

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CHAIN SPROCKETS 3/4" x 7/16" for roller chains in compliance with DIN 8187 - ISO/R 606



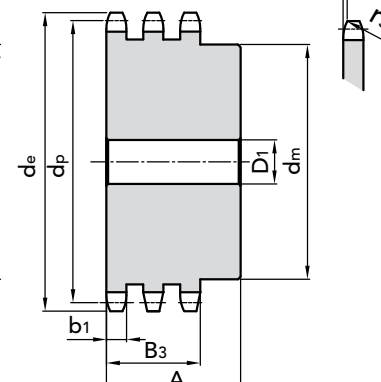
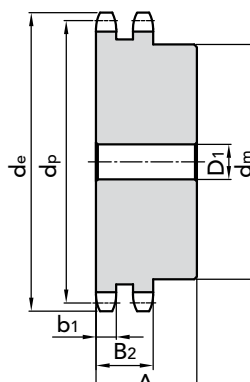
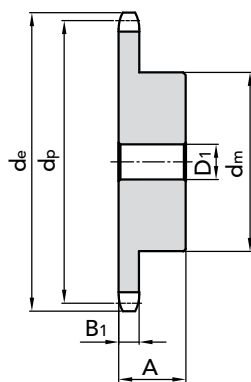
1" x 17.02 mm

## CHAIN SPROCKETS

|                             |      |    |
|-----------------------------|------|----|
| Tooth radius $r_3$          | 26   | mm |
| Radius width $\bar{C}$      | 2,5  | mm |
| Sprockets tooth width $B_1$ | 16,2 | mm |
| Sprockets tooth width $b_1$ | 15,8 | mm |
| Sprockets tooth width $B_2$ | 47,7 | mm |
| Sprockets tooth width $B_3$ | 79,6 | mm |

## CHAIN

|                      |       |    |
|----------------------|-------|----|
| Pitch                | 25,4  | mm |
| Inner width          | 17,02 | mm |
| Roller $\varnothing$ | 15,88 | mm |



## SIMPLES

## DOUBLE

## TRIPLE

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.   | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.    | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A   | kg.    |
|----|----------------|----------------|-------------|----------------|----------------|----|-------|-------------|----------------|----------------|----|--------|-------------|----------------|----------------|-----|--------|
| 8  | 77,49          | 66,37          | 10125008    | 42             | 16             | 35 | 0,47  | 10225008    | 42             | 16             | 65 | 0,81   | 10325008    | 42             | 20             | 95  | 1,19   |
| 9  | 85,38          | 74,26          | 10125009    | 50             | 16             | 35 | 0,66  | 10225009    | 50             | 16             | 65 | 1,15   | 10325009    | 50             | 20             | 95  | 1,68   |
| 10 | 93,32          | 82,20          | 10125010    | 55             | 16             | 35 | 0,83  | 10225010    | 56             | 16             | 65 | 1,52   | 10325010    | 56             | 20             | 95  | 2,24   |
| 11 | 101,28         | 90,16          | 10125011    | 61             | 16             | 40 | 1,14  | 10225011    | 64             | 20             | 70 | 2,08   | 10325011    | 64             | 25             | 100 | 2,86   |
| 12 | 109,26         | 98,14          | 10125012    | 69             | 16             | 40 | 1,43  | 10225012    | 72             | 20             | 70 | 2,60   | 10325012    | 72             | 25             | 100 | 3,62   |
| 13 | 117,26         | 106,14         | 10125013    | 78             | 16             | 40 | 1,77  | 10225013    | 80             | 20             | 70 | 3,18   | 10325013    | 80             | 25             | 100 | 4,45   |
| 14 | 125,27         | 114,15         | 10125014    | 84             | 16             | 40 | 2,08  | 10225014    | 88             | 20             | 70 | 3,82   | 10325014    | 88             | 25             | 100 | 5,37   |
| 15 | 133,29         | 122,17         | 10125015    | 92             | 20             | 40 | 2,46  | 10225015    | 96             | 20             | 70 | 4,51   | 10325015    | 96             | 25             | 100 | 6,37   |
| 16 | 141,32         | 130,20         | 10125016    | 100            | 20             | 45 | 3,14  | 10225016    | 104            | 20             | 70 | 5,17   | 10325016    | 104            | 30             | 100 | 7,45   |
| 17 | 149,35         | 138,23         | 10125017    | 100            | 20             | 45 | 3,33  | 10225017    | 112            | 20             | 70 | 5,98   | 10325017    | 112            | 30             | 100 | 8,60   |
| 18 | 157,39         | 146,27         | 10125018    | 100            | 20             | 45 | 3,56  | 10225018    | 120            | 20             | 70 | 6,84   | 10325018    | 120            | 30             | 100 | 9,84   |
| 19 | 165,44         | 154,32         | 10125019    | 100            | 20             | 45 | 3,78  | 10225019    | 128            | 20             | 70 | 7,76   | 10325019    | 128            | 30             | 100 | 11,16  |
| 20 | 173,49         | 162,37         | 10125020    | 100            | 20             | 45 | 4,03  | 10225020    | 130            | 20             | 70 | 8,52   | 10325020    | 130            | 30             | 100 | 12,36  |
| 21 | 181,54         | 170,42         | 10125021    | 110            | 20             | 50 | 5,01  | 10225021    | 130            | 25             | 70 | 9,24   | 10325021    | 130            | 30             | 100 | 13,56  |
| 22 | 189,60         | 178,48         | 10125022    | 110            | 20             | 50 | 5,28  | 10225022    | 130            | 25             | 70 | 10,00  | 10325022    | 130            | 30             | 100 | 14,82  |
| 23 | 197,66         | 186,54         | 10125023    | 110            | 20             | 50 | 5,56  | 10225023    | 130            | 25             | 70 | 10,8   | 10325023    | 130            | 30             | 100 | 16,15  |
| 24 | 205,72         | 194,60         | 10125024    | 110            | 20             | 50 | 5,86  | 10225024    | 130            | 25             | 70 | 11,64  | 10325024    | 130            | 30             | 100 | 17,53  |
| 25 | 213,78         | 202,66         | 10125025    | 110            | 20             | 50 | 6,16  | 10225025    | 130            | 25             | 70 | 12,52  | 10325025    | 130            | 30             | 100 | 18,99  |
| 26 | 221,84         | 210,72         | 10125026    | 120            | 20             | 50 | 6,96  | 10225026    | 130            | 25             | 70 | 13,43  | 10325026    | 130            | 30             | 100 | 20,34  |
| 27 | 229,91         | 218,79         | 10125027    | 120            | 20             | 50 | 7,30  | 10225027    | 130            | 25             | 70 | 14,38  | 10325027    | 130            | 30             | 100 | 21,92  |
| 28 | 237,98         | 226,86         | 10125028    | 120            | 20             | 50 | 7,64  | 10225028    | 130            | 25             | 70 | 15,38  | 10325028    | 130            | 30             | 100 | 23,57  |
| 29 | 246,05         | 234,93         | 10125029    | 120            | 20             | 50 | 8,00  | 10225029    | 130            | 25             | 70 | 16,41  | 10325029    | 130            | 30             | 100 | 25,27  |
| 30 | 254,12         | 243,00         | 10125030    | 120            | 20             | 50 | 8,38  | 10225030    | 130            | 25             | 70 | 17,48  | 10325030    | 130            | 30             | 100 | 27,05  |
| 31 | 262,19         | 251,07         | 10125031    | 120            | 25             | 50 | 8,69  | 10225031    | 140            | 25             | 70 | 18,96  | 10325031    | 140            | 30             | 100 | 29,23  |
| 32 | 270,26         | 259,14         | 10125032    | 120            | 25             | 50 | 9,09  | 10225032    | 140            | 25             | 70 | 20,10  | 10325032    | 140            | 30             | 100 | 31,13  |
| 33 | 278,33         | 267,21         | 10125033    | 120            | 25             | 50 | 9,50  | 10225033    | 140            | 25             | 70 | 21,29  | 10325033    | 140            | 30             | 100 | 33,10  |
| 34 | 286,40         | 275,28         | 10125034    | 120            | 25             | 50 | 9,93  | 10225034    | 140            | 25             | 70 | 22,21  | 10325034    | 140            | 30             | 100 | 35,13  |
| 35 | 294,48         | 283,36         | 10125035    | 120            | 25             | 50 | 10,36 | 10225035    | 140            | 25             | 70 | 23,77  | 10325035    | 140            | 30             | 100 | 37,23  |
| 36 | 302,55         | 291,43         | 10125036    | 120            | 25             | 50 | 10,81 | 10225036    | 140            | 25             | 70 | 25,07  | 10325036    | 140            | 30             | 100 | 39,39  |
| 37 | 310,63         | 299,51         | 10125037    | 120            | 25             | 50 | 11,28 | 10225037    | 140            | 25             | 70 | 26,41  | 10325038    | 140            | 30             | 100 | 43,90  |
| 38 | 318,70         | 307,58         | 10125038    | 120            | 25             | 50 | 11,76 | 10225038    | 140            | 25             | 70 | 27,79  |             |                |                |     |        |
| 39 | 326,78         | 315,66         | 10125039    | 120            | 25             | 50 | 12,25 | 10225039    | 140            | 25             | 70 | 29,20  |             |                |                |     |        |
| 40 | 334,86         | 323,74         | 10125040    | 120            | 25             | 50 | 12,75 | 10225040    | 140            | 25             | 70 | 30,65  | 10325040    | 140            | 30             | 100 | 48,67  |
| 42 | 351,01         | 339,89         | 10125042    | 125            | 25             | 70 | 16,54 | 10225042    | 150            | 25             | 80 | 33,63  |             |                |                |     |        |
| 45 | 375,24         | 364,12         | 10125045    | 125            | 25             | 70 | 18,15 | 10225045    | 150            | 25             | 80 | 38,44  | 10325045    | 160            | 30             | 100 | 63,94  |
| 48 | 399,48         | 388,36         | 10125048    | 125            | 25             | 70 | 19,86 | 10225048    | 150            | 30             | 80 | 43,61  |             |                |                |     |        |
| 50 | 415,64         | 404,52         | 10125050    | 125            | 25             | 70 | 20,89 | 10225050    | 150            | 30             | 80 | 47,25  | 10325050    | 160            | 30             | 100 | 78,58  |
| 57 | 472,20         | 461,08         | 10125057    | 125            | 30             | 70 | 25,52 | 10225057    | 160            | 30             | 90 | 63,45  | 10325057    | 180            | 40             | 110 | 103,03 |
| 60 | 496,45         | 485,33         | 10125060    | 125            | 30             | 70 | 27,76 | 10225060    | 160            | 30             | 90 | 70,00  |             |                |                |     |        |
| 76 | 625,76         | 614,64         | 10125076    | 140            | 30             | 80 | 42,97 | 10225076    | 160            | 30             | 90 | 110,79 | 10325076    | 180            | 40             | 110 | 181,86 |

MATERIAL **C 45 UNI 7845**  
FOR MONOLITHIC CHAIN SPROCKETS

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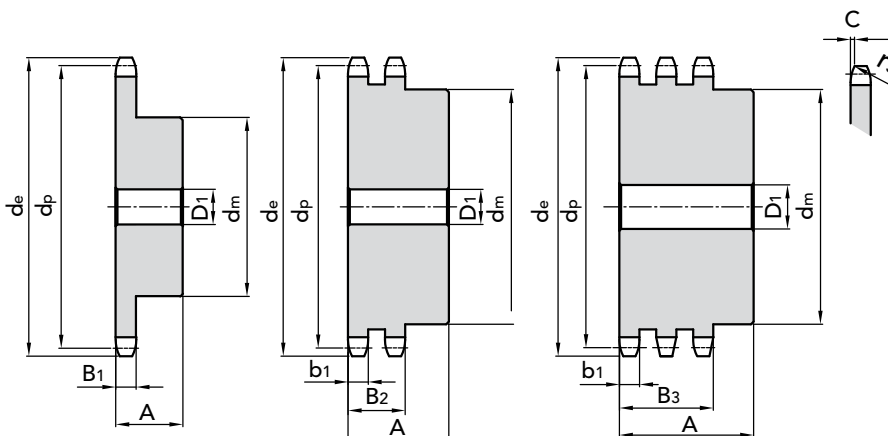
## 1" 1/4 x 3/4"

### CHAIN SPROCKETS

|                             |      |    |
|-----------------------------|------|----|
| Tooth radius $r_3$          | 32   | mm |
| Radius width $\bar{C}$      | 3,5  | mm |
| Sprockets tooth width $B_1$ | 18,5 | mm |
| Sprockets tooth width $b_1$ | 18,2 | mm |
| Sprockets tooth width $B_2$ | 54,6 | mm |
| Sprockets tooth width $B_3$ | 91   | mm |

### CHAIN

|             |       |    |
|-------------|-------|----|
| Pitch       | 31,75 | mm |
| Inner width | 19,56 | mm |
| Roller Ø    | 19,05 | mm |



### SIMPLES

### DOUBLE

### TRIPLE

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.   | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A   | kg.    | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A   | kg.    |
|----|----------------|----------------|-------------|----------------|----------------|----|-------|-------------|----------------|----------------|-----|--------|-------------|----------------|----------------|-----|--------|
| 8  | 98,10          | 82,96          | 10131008    | 53             | 20             | 40 | 0,85  | 10231008    | 53             | 20             | 75  | 1,58   | 10331008    | 53             | 20             | 110 | 2,15   |
| 9  | 108,00         | 92,84          | 10131009    | 63             | 20             | 40 | 1,19  | 10231009    | 63             | 20             | 75  | 2,19   | 10331009    | 63             | 20             | 110 | 3,05   |
| 10 | 117,90         | 102,74         | 10131010    | 70             | 20             | 40 | 1,51  | 10231010    | 70             | 20             | 75  | 2,85   | 10331010    | 70             | 20             | 110 | 4,04   |
| 11 | 127,80         | 112,68         | 10131011    | 77             | 20             | 45 | 2,05  | 10231011    | 80             | 20             | 80  | 3,72   | 10331011    | 80             | 20             | 115 | 5,19   |
| 12 | 137,80         | 122,68         | 10131012    | 88             | 20             | 45 | 2,60  | 10231012    | 90             | 20             | 80  | 4,66   | 10331012    | 90             | 20             | 115 | 6,55   |
| 13 | 147,80         | 132,65         | 10131013    | 98             | 20             | 45 | 3,15  | 10231013    | 100            | 20             | 80  | 5,70   | 10331013    | 100            | 20             | 115 | 8,06   |
| 14 | 157,80         | 142,68         | 10131014    | 108            | 20             | 45 | 3,80  | 10231014    | 110            | 20             | 80  | 6,84   | 10331014    | 110            | 20             | 115 | 9,71   |
| 15 | 167,90         | 152,72         | 10131015    | 118            | 20             | 45 | 4,47  | 10231015    | 120            | 20             | 80  | 8,08   | 10331015    | 120            | 20             | 115 | 11,50  |
| 16 | 177,90         | 162,75         | 10131016    | 120            | 25             | 50 | 5,25  | 10231016    | 120            | 25             | 80  | 8,90   | 10331016    | 120            | 25             | 115 | 13,06  |
| 17 | 187,90         | 172,78         | 10131017    | 120            | 25             | 50 | 5,60  | 10231017    | 120            | 25             | 80  | 9,92   | 10331017    | 120            | 25             | 115 | 14,65  |
| 18 | 198,00         | 182,85         | 10131018    | 120            | 25             | 50 | 6,00  | 10231018    | 120            | 25             | 80  | 11,00  | 10331018    | 120            | 25             | 115 | 16,54  |
| 19 | 208,10         | 192,91         | 10131019    | 120            | 25             | 50 | 6,40  | 10231019    | 120            | 25             | 80  | 12,16  | 10331019    | 120            | 25             | 115 | 18,45  |
| 20 | 218,10         | 202,98         | 10131020    | 120            | 25             | 50 | 6,85  | 10231020    | 120            | 25             | 80  | 13,38  | 10331020    | 120            | 25             | 115 | 20,48  |
| 21 | 228,20         | 213,04         | 10131021    | 140            | 25             | 55 | 8,75  | 10231021    | 140            | 25             | 80  | 15,49  | 10331021    | 140            | 25             | 115 | 23,38  |
| 22 | 238,30         | 223,11         | 10131022    | 140            | 25             | 55 | 9,30  | 10231022    | 140            | 25             | 80  | 16,86  | 10331022    | 140            | 25             | 115 | 25,64  |
| 23 | 248,30         | 233,17         | 10131023    | 140            | 25             | 55 | 9,77  | 10231023    | 140            | 25             | 80  | 18,29  | 10331023    | 140            | 25             | 115 | 28,00  |
| 24 | 258,40         | 243,23         | 10131024    | 140            | 25             | 55 | 10,30 | 10231024    | 140            | 25             | 80  | 19,79  | 10331024    | 140            | 25             | 115 | 30,49  |
| 25 | 268,50         | 253,33         | 10131025    | 140            | 25             | 55 | 10,80 | 10231025    | 140            | 25             | 80  | 21,36  | 10331025    | 140            | 25             | 115 | 33,09  |
| 26 | 278,60         | 263,40         | 10131026    | 150            | 25             | 55 | 12,09 | 10231026    | 150            | 25             | 80  | 23,45  | 10331026    | 150            | 25             | 115 | 36,23  |
| 27 | 288,60         | 273,40         | 10131027    | 150            | 25             | 55 | 12,65 | 10231027    | 150            | 25             | 80  | 25,15  | 10331027    | 150            | 25             | 115 | 39,06  |
| 28 | 298,70         | 283,56         | 10131028    | 150            | 25             | 55 | 13,29 | 10231028    | 150            | 25             | 80  | 26,93  | 10331028    | 150            | 25             | 115 | 42,00  |
| 29 | 308,80         | 293,65         | 10131029    | 150            | 25             | 55 | 13,93 | 10231029    | 150            | 25             | 80  | 28,77  | 10331029    | 150            | 25             | 115 | 45,00  |
| 30 | 318,90         | 303,75         | 10131030    | 150            | 25             | 55 | 14,60 | 10231030    | 150            | 25             | 80  | 30,69  | 10331030    | 150            | 25             | 115 | 48,23  |
| 31 | 329,00         | 313,85         | 10131031    | 160            | 25             | 55 | 15,28 | 10231031    | 150            | 25             | 80  | 32,67  | 10331031    | 150            | 25             | 115 | 51,50  |
| 32 | 339,10         | 323,91         | 10131032    | 160            | 25             | 55 | 16,00 | 10231032    | 150            | 25             | 80  | 32,72  | 10331032    | 150            | 30             | 115 | 54,61  |
| 33 | 349,20         | 334,01         | 10131033    | 160            | 25             | 55 | 16,70 | 10231033    | 150            | 25             | 80  | 35,00  | 10331033    | 150            | 30             | 115 | 58,37  |
| 34 | 359,30         | 344,10         | 10131034    | 160            | 25             | 55 | 17,49 | 10231034    | 150            | 25             | 80  | 39,03  | 10331034    | 150            | 30             | 115 | 62,06  |
| 35 | 369,40         | 354,20         | 10131035    | 160            | 25             | 55 | 18,30 | 10231035    | 150            | 25             | 80  | 41,28  | 10331035    | 150            | 30             | 115 | 65,80  |
| 36 | 379,50         | 364,30         | 10131036    | 160            | 25             | 55 | 19,10 | 10231036    | 150            | 30             | 80  | 43,61  | 10331036    | 150            | 30             | 115 | 69,66  |
| 37 | 389,50         | 374,39         | 10131037    | 160            | 25             | 55 | 19,90 |             |                |                |     |        | 10331037    | 150            | 30             | 115 | 73,00  |
| 38 | 399,60         | 384,49         | 10131038    | 160            | 25             | 55 | 20,75 | 10231038    | 150            | 30             | 80  | 48,46  | 10331038    | 150            | 30             | 115 | 77,72  |
| 39 | 409,70         | 394,59         | 10131039    | 160            | 25             | 55 | 21,70 | 10231039    | 150            | 30             | 80  | 51,00  |             |                |                |     |        |
| 40 | 419,80         | 404,68         | 10131040    | 160            | 25             | 55 | 22,53 | 10231040    | 150            | 30             | 80  | 53,60  | 10331040    | 150            | 30             | 115 | 86,24  |
| 42 | 440,00         | 424,88         | 10131042    | 160            | 30             | 70 | 28,84 |             |                |                |     |        |             |                |                |     |        |
| 45 | 470,30         | 455,17         | 10131045    | 160            | 30             | 70 | 31,79 | 10231045    | 160            | 30             | 90  | 71,32  | 10331045    | 180            | 40             | 115 | 110,41 |
| 48 | 500,60         | 485,46         | 10131048    | 160            | 30             | 70 | 32,80 |             |                |                |     |        |             |                |                |     |        |
| 50 | 520,80         | 505,65         | 10131050    | 160            | 30             | 70 | 35,00 | 10231050    | 160            | 30             | 90  | 87,08  | 10331050    | 180            | 40             | 115 | 136,59 |
| 57 | 591,50         | 576,36         | 10131057    | 160            | 30             | 80 | 37,21 | 10231057    | 160            | 30             | 100 | 116,28 | 10331057    | 180            | 40             | 125 | 181,21 |
| 60 | 621,80         | 606,65         | 10131060    | 160            | 30             | 80 | 45,79 |             |                |                |     |        |             |                |                |     |        |
| 76 | 783,50         | 768,32         | 10131076    | 160            | 30             | 90 | 75,81 | 10231076    | 180            | 30             | 100 | 200,96 | 10331076    | 200            | 40             | 140 | 322,03 |

MATERIAL **C 45 UNI 7845**  
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL **FE**  
FOR CHAIN SPROCKETS WITH WELDED HUB

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Quantity, availability and prices  
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CHAIN SPROCKETS 1" 1/4 x 3/4" for roller chains in compliance with DIN 8187 - ISO/R 606



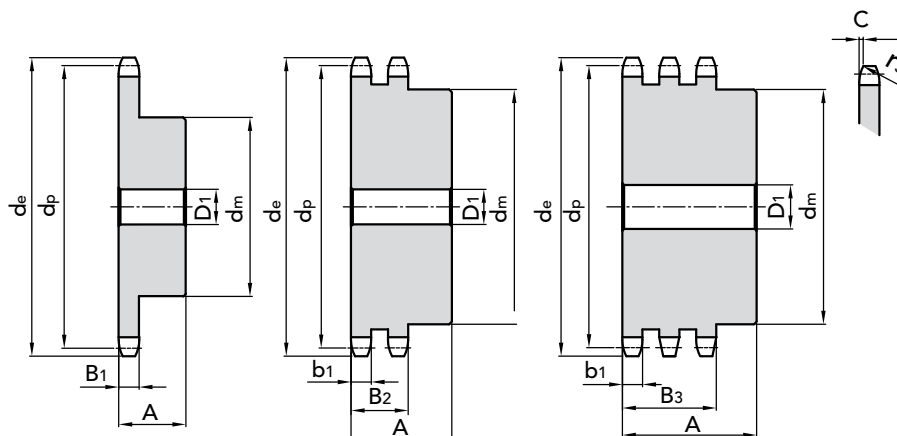
1" 1/2 x 1"

## CHAIN SPROCKETS

|                             |       |    |
|-----------------------------|-------|----|
| Tooth radius $r_s$          | 38    | mm |
| Radius width $\bar{C}$      | 4     | mm |
| Sprockets tooth width $B_1$ | 24,1  | mm |
| Sprockets tooth width $b_1$ | 23,6  | mm |
| Sprockets tooth width $B_2$ | 72    | mm |
| Sprockets tooth width $B_3$ | 120,3 | mm |

## CHAIN

|             |      |    |
|-------------|------|----|
| Pitch       | 38,1 | mm |
| Inner width | 25,4 | mm |
| Roller Ø    | 25,4 | mm |



## SIMPLES

## DOUBLE

## TRIPLE

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A   | kg.    | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A   | kg.    | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A   | kg.    |
|----|----------------|----------------|-------------|----------------|----------------|-----|--------|-------------|----------------|----------------|-----|--------|-------------|----------------|----------------|-----|--------|
| 8  | 115,00         | 99,55          | 10138008    | 58             | 20             | 45  | 1,38   | 10238008    | 58             | 25             | 95  | 2,70   | 10338008    | 58             | 25             | 140 | 4,00   |
| 9  | 126,40         | 111,40         | 10138009    | 70             | 20             | 45  | 1,90   | 10238009    | 70             | 25             | 95  | 3,79   | 10338009    | 70             | 25             | 140 | 5,62   |
| 10 | 138,00         | 123,29         | 10138010    | 80             | 20             | 45  | 2,47   | 10238010    | 80             | 25             | 95  | 5,01   | 10338010    | 80             | 25             | 140 | 7,45   |
| 11 | 150,00         | 135,21         | 10138011    | 90             | 25             | 50  | 3,27   | 10238011    | 90             | 25             | 100 | 6,62   | 10338011    | 90             | 25             | 150 | 9,73   |
| 12 | 162,00         | 147,22         | 10138012    | 102            | 25             | 50  | 4,09   | 10238012    | 102            | 25             | 100 | 8,28   | 10338012    | 102            | 25             | 150 | 12,24  |
| 13 | 174,20         | 159,18         | 10138013    | 114            | 25             | 50  | 5,00   | 10238013    | 114            | 25             | 100 | 10,13  | 10338013    | 114            | 25             | 150 | 15,02  |
| 14 | 186,20         | 171,22         | 10138014    | 128            | 25             | 50  | 6,09   | 10238014    | 128            | 25             | 100 | 12,24  | 10338014    | 128            | 25             | 150 | 18,16  |
| 15 | 198,20         | 183,26         | 10138015    | 140            | 25             | 50  | 6,84   | 10238015    | 140            | 25             | 100 | 14,08  | 10338015    | 140            | 25             | 150 | 21,09  |
| 16 | 201,30         | 195,30         | 10138016    | 140            | 25             | 55  | 8,20   | 10238016    | 140            | 25             | 100 | 15,88  | 10338016    | 140            | 25             | 150 | 24,25  |
| 17 | 222,30         | 207,34         | 10138017    | 140            | 25             | 55  | 8,87   | 10238017    | 150            | 25             | 100 | 17,80  | 10338017    | 150            | 25             | 150 | 27,42  |
| 18 | 234,30         | 219,42         | 10138018    | 140            | 25             | 55  | 9,59   | 10238018    | 160            | 25             | 100 | 21,08  | 10338018    | 160            | 25             | 150 | 32,12  |
| 19 | 246,50         | 231,49         | 10138019    | 140            | 25             | 55  | 10,36  | 10238019    | 160            | 25             | 100 | 23,26  | 10338019    | 160            | 25             | 150 | 35,74  |
| 20 | 258,60         | 243,57         | 10138020    | 140            | 25             | 55  | 11,16  | 10238020    | 160            | 25             | 100 | 25,57  | 10338020    | 160            | 25             | 150 | 39,57  |
| 21 | 270,60         | 255,65         | 10138021    | 150            | 25             | 60  | 13,35  | 10238021    | 160            | 25             | 100 | 28,01  | 10338021    | 160            | 30             | 150 | 42,98  |
| 22 | 282,70         | 267,73         | 10138022    | 150            | 25             | 60  | 14,24  | 10238022    | 160            | 25             | 100 | 30,59  | 10338022    | 160            | 30             | 150 | 47,25  |
| 23 | 294,80         | 279,80         | 10138023    | 150            | 25             | 60  | 15,18  | 10238023    | 160            | 25             | 100 | 33,29  | 10338023    | 160            | 30             | 150 | 51,74  |
| 24 | 306,80         | 291,88         | 10138024    | 150            | 25             | 60  | 16,16  | 10238024    | 160            | 25             | 100 | 33,13  | 10338024    | 160            | 30             | 150 | 56,44  |
| 25 | 319,00         | 304,00         | 10138025    | 150            | 25             | 60  | 17,19  | 10238025    | 160            | 25             | 100 | 39,09  | 10338025    | 160            | 30             | 150 | 61,37  |
| 26 | 331,00         | 316,08         | 10138026    | 160            | 30             | 60  | 18,25  | 10238026    | 160            | 30             | 100 | 42,19  | 10338026    | 160            | 30             | 150 | 66,52  |
| 27 | 343,20         | 328,19         | 10138027    | 160            | 30             | 60  | 19,37  | 10238027    | 160            | 30             | 100 | 45,41  | 10338027    | 160            | 30             | 150 | 71,88  |
| 28 | 355,20         | 340,27         | 10138028    | 160            | 30             | 60  | 20,52  | 10238028    | 160            | 30             | 100 | 48,77  | 10338028    | 160            | 30             | 150 | 77,46  |
| 29 | 367,30         | 352,38         | 10138029    | 160            | 30             | 60  | 21,72  | 10238029    | 160            | 30             | 100 | 52,26  |             |                |                |     |        |
| 30 | 379,50         | 3624,50        | 10138030    | 160            | 30             | 60  | 22,97  | 10238030    | 160            | 30             | 100 | 55,88  | 10338030    | 160            | 40             | 150 | 89,28  |
| 31 | 391,60         | 376,62         | 10138031    | 160            | 30             | 60  | 21,25  | 10238031    | 170            | 30             | 100 | 59,19  | 10338032    | 170            | 40             | 150 | 101,97 |
| 32 | 403,70         | 388,69         | 10138032    | 160            | 30             | 60  | 25,59  | 10238032    | 170            | 30             | 100 | 63,07  | 10338035    | 170            | 40             | 150 | 122,64 |
| 33 | 415,80         | 400,81         | 10138033    | 160            | 30             | 60  | 26,96  | 10238033    | 170            | 30             | 100 | 67,08  | 10338038    | 170            | 40             | 150 | 145,28 |
| 34 | 427,80         | 412,93         | 10138034    | 160            | 30             | 60  | 28,38  | 10238034    | 170            | 30             | 100 | 71,21  | 10338040    | 170            | 40             | 150 | 161,46 |
| 35 | 440,00         | 425,04         | 10138035    | 160            | 30             | 60  | 29,84  | 10238035    | 170            | 30             | 100 | 75,49  | 10338045    | 200            | 40             | 150 | 209,06 |
| 36 | 452,00         | 437,16         | 10138036    | 160            | 30             | 60  | 31,34  | 10238036    | 170            | 30             | 100 | 79,89  | 10338050    | 200            | 40             | 150 | 258,81 |
| 37 | 464,20         | 449,27         | 10138037    | 160            | 30             | 60  | 32,90  | 10238037    | 170            | 30             | 100 | 84,43  | 10338057    | 220            | 40             | 150 | 337,62 |
| 38 | 476,20         | 461,39         | 10138038    | 160            | 30             | 60  | 34,49  | 10238038    | 170            | 30             | 100 | 89,09  | 10338076    | 250            | 40             | 150 | 607,76 |
| 39 |                |                |             |                |                |     |        |             |                |                |     |        |             |                |                |     |        |
| 40 | 500,60         | 485,62         | 10138040    | 160            | 30             | 60  | 37,51  | 10238040    | 170            | 30             | 100 | 98,98  |             |                |                |     |        |
| 42 | 524,70         | 509,85         | 10138042    | 160            | 30             | 90  | 48,52  |             |                |                |     |        |             |                |                |     |        |
| 45 | 561,20         | 546,20         | 10138045    | 160            | 30             | 90  | 54,08  | 10238045    | 180            | 40             | 100 | 132,81 |             |                |                |     |        |
| 48 | 597,40         | 582,55         | 10138048    | 160            | 30             | 90  | 60,04  |             |                |                |     |        |             |                |                |     |        |
| 50 | 621,70         | 606,78         | 10138050    | 160            | 30             | 90  | 64,24  | 10238050    | 180            | 40             | 100 | 162,65 |             |                |                |     |        |
| 57 | 706,50         | 691,63         | 10138057    | 160            | 30             | 100 | 80,28  | 10238057    | 200            | 40             | 110 | 209,91 |             |                |                |     |        |
| 60 | 742,80         | 727,97         | 10138060    | 160            | 40             | 100 | 87,82  |             |                |                |     |        |             |                |                |     |        |
| 76 | 936,90         | 921,98         | 10138076    | 170            | 40             | 100 | 140,54 | 10238076    | 220            | 40             | 120 | 373,88 |             |                |                |     |        |

MATERIAL **C 45 UNI 7845**  
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL **FE WITH HUB**

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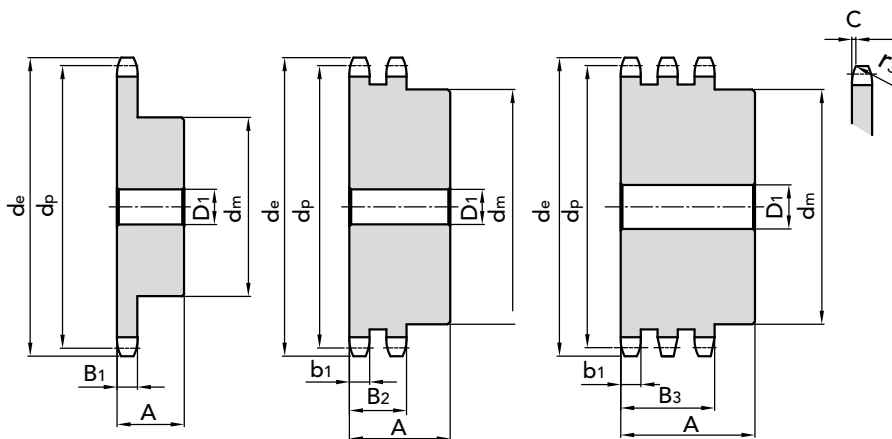
## 1" 3/4 x 1" 1/4

### CHAIN SPROCKETS

|                             |      |    |
|-----------------------------|------|----|
| Tooth radius $r_3$          | 44   | mm |
| Radius width $\bar{C}$      | 5    | mm |
| Sprockets tooth width $B_1$ | 29,4 | mm |
| Sprockets tooth width $b_1$ | 28,8 | mm |
| Sprockets tooth width $B_2$ | 88,4 | mm |
| Sprockets tooth width $B_3$ | 148  | mm |

### CHAIN

|             |       |    |
|-------------|-------|----|
| Pitch       | 44,45 | mm |
| Inner width | 30,99 | mm |
| Roller Ø    | 27,94 | mm |



### SIMPLES

### DOUBLE

### TRIPLE

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A   | kg.    | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A   | kg.    | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A   | kg.     |
|----|----------------|----------------|-------------|----------------|----------------|-----|--------|-------------|----------------|----------------|-----|--------|-------------|----------------|----------------|-----|---------|
| 8  | 132,00         | 116,15         | 10144008    | 74             | 25             | 70  | 2,86   | 10244008    | 74             | 25             | 120 | 4,75   | 10344008    | 74             | 30             | 180 | 7,04    |
| 9  | 148,40         | 129,96         | 10144009    | 88             | 25             | 70  | 4,00   | 10244009    | 88             | 25             | 120 | 6,66   | 10344009    | 88             | 30             | 180 | 9,89    |
| 10 | 162,30         | 143,85         | 10144010    | 100            | 25             | 70  | 5,18   | 10244010    | 100            | 25             | 120 | 8,79   | 10344010    | 100            | 30             | 180 | 13,10   |
| 11 | 176,30         | 157,77         | 10144011    | 112            | 25             | 70  | 6,51   | 10244011    | 112            | 25             | 120 | 11,79  | 10344011    | 112            | 30             | 180 | 16,73   |
| 12 | 189,50         | 171,74         | 10144012    | 125            | 25             | 70  | 8,04   | 10244012    | 125            | 25             | 120 | 13,91  | 10344012    | 125            | 30             | 180 | 20,84   |
| 13 | 204,20         | 185,75         | 10144013    | 130            | 25             | 70  | 8,88   | 10244013    | 130            | 25             | 120 | 16,25  | 10344013    | 130            | 30             | 180 | 24,70   |
| 14 | 218,20         | 199,76         | 10144014    | 140            | 25             | 70  | 9,79   | 10244014    | 140            | 25             | 120 | 18,81  | 10344014    | 140            | 30             | 180 | 28,93   |
| 15 | 232,30         | 213,79         | 10144015    | 145            | 25             | 70  | 10,77  | 10244015    | 145            | 25             | 120 | 22,64  | 10344015    | 145            | 30             | 180 | 34,58   |
| 16 | 246,30         | 227,84         | 10144016    | 160            | 30             | 75  | 14,96  | 10244016    | 160            | 25             | 120 | 26,52  | 10344016    | 160            | 30             | 180 | 40,44   |
| 17 | 260,00         | 241,91         | 10144017    | 160            | 30             | 75  | 16,09  | 10244017    | 160            | 30             | 120 | 29,74  | 10344017    | 160            | 30             | 180 | 45,77   |
| 18 | 274,00         | 255,98         | 10144018    | 160            | 30             | 75  | 17,28  | 10244018    | 160            | 30             | 120 | 33,17  | 10344018    | 160            | 30             | 180 | 51,76   |
| 19 | 289,00         | 270,06         | 10144019    | 160            | 30             | 75  | 18,56  | 10244019    | 180            | 30             | 120 | 38,14  | 10344019    | 180            | 30             | 180 | 58,07   |
| 20 | 303,00         | 284,15         | 10144020    | 160            | 30             | 75  | 19,90  | 10244020    | 180            | 30             | 120 | 42,02  | 10344020    | 180            | 30             | 180 | 64,49   |
| 21 | 317,00         | 298,24         | 10144021    | 170            | 30             | 75  | 21,31  | 10244021    | 180            | 30             | 120 | 49,10  | 10344021    | 180            | 30             | 180 | 71,28   |
| 22 | 331,00         | 312,34         | 10144022    | 170            | 30             | 75  | 22,80  | 10244022    | 180            | 30             | 120 | 50,40  |             |                |                |     |         |
| 23 | 345,00         | 326,44         | 10144023    | 170            | 30             | 75  | 24,36  | 10244023    | 180            | 30             | 120 | 54,92  | 10344023    | 180            | 30             | 180 | 85,94   |
| 24 | 359,00         | 340,55         | 10144024    | 170            | 30             | 75  | 26,00  | 10244024    | 180            | 30             | 120 | 59,50  |             |                |                |     |         |
| 25 | 373,00         | 354,66         | 10144025    | 170            | 30             | 75  | 27,70  | 10244025    | 180            | 30             | 120 | 64,62  | 10344025    | 180            | 40             | 180 | 112,07  |
| 26 | 387,00         | 368,77         | 10144026    | 170            | 30             | 75  | 29,48  | 10244026    | 180            | 30             | 120 | 69,28  |             |                |                |     |         |
| 27 | 401,40         | 382,88         | 10144027    | 170            | 30             | 75  | 31,36  |             |                |                |     |        |             |                |                |     |         |
| 28 | 416,00         | 397,00         | 10144028    | 170            | 30             | 75  | 33,26  | 10244028    | 180            | 30             | 120 | 80,28  |             |                |                |     |         |
| 29 |                |                |             |                |                |     |        |             |                |                |     |        |             |                |                |     |         |
| 30 | 444,00         | 425,24         | 10144030    | 170            | 30             | 75  | 37,33  | 10244030    | 180            | 30             | 120 | 92,17  | 10344030    | 180            | 40             | 180 | 148,79  |
| 31 |                |                |             |                |                |     |        |             |                |                |     |        |             |                |                |     |         |
| 32 | 472,00         | 453,49         | 10144032    | 180            | 30             | 75  | 43,59  |             |                |                |     |        |             |                |                |     |         |
| 33 |                |                |             |                |                |     |        |             |                |                |     |        |             |                |                |     |         |
| 34 | 500,00         | 481,75         | 10144034    | 180            | 30             | 75  | 48,24  |             |                |                |     |        |             |                |                |     |         |
| 35 | 514,00         | 495,88         | 10144035    | 180            | 30             | 75  | 50,57  | 10244035    | 200            | 30             | 120 | 127,17 |             |                |                |     |         |
| 36 | 529,00         | 510,01         | 10144036    | 180            | 30             | 75  | 53,18  |             |                |                |     |        |             |                |                |     |         |
| 37 |                |                |             |                |                |     |        |             |                |                |     |        |             |                |                |     |         |
| 38 | 557,00         | 538,27         | 10144038    | 180            | 30             | 75  | 58,40  | 10244038    | 200            | 30             | 120 | 149,9  | 10344038    | 200            | 40             | 180 | 244,01  |
| 39 |                |                |             |                |                |     |        |             |                |                |     |        |             |                |                |     |         |
| 40 | 585,00         | 566,54         | 10144040    | 180            | 30             | 75  | 63,92  | 10244040    | 200            | 30             | 120 | 167,15 | 10344040    | 200            | 40             | 180 | 271,10  |
| 45 | 656,00         | 637,22         | 10144045    | 180            | 30             | 90  | 79,12  | 10244045    | 200            | 30             | 120 | 218,10 | 10344045    | 200            | 40             | 180 | 352,63  |
| 50 | 726,00         | 707,91         | 10144050    | 180            | 30             | 90  | 96,00  | 10244050    | 200            | 30             | 120 | 267,99 | 10344057    | 220            | 40             | 180 | 567,76  |
| 57 | 825,00         | 806,90         | 10144057    | 180            | 40             | 90  | 125,13 | 10244057    | 200            | 40             | 120 | 346,99 | 10344076    | 250            | 40             | 190 | 1024,97 |
| 60 | 869,00         | 849,32         | 10144060    | 180            | 40             | 90  | 144,00 |             |                |                |     |        |             |                |                |     |         |
| 76 | 1.095,0        | 1.075,62       | 10144076    | 200            | 40             | 100 | 215,46 | 10244076    | 250            | 40             | 130 | 615,35 |             |                |                |     |         |

MATERIAL **C 45 UNI 7845**  
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL **FE**  
FOR CHAIN SPROCKETS WITH WELDED HUB

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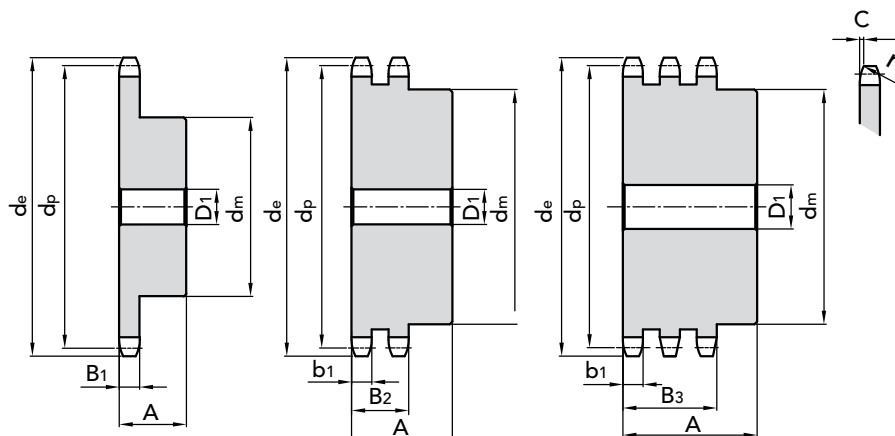
## 2" x 1" 1/4

## CHAIN SPROCKETS

|                             |      |    |
|-----------------------------|------|----|
| Tooth radius $r_3$          | 51   | mm |
| Radius width $\bar{C}$      | 5    | mm |
| Sprockets tooth width $B_1$ | 29,4 | mm |
| Sprockets tooth width $b_1$ | 28,8 | mm |
| Sprockets tooth width $B_2$ | 87,4 | mm |
| Sprockets tooth width $B_3$ | 146  | mm |

## CHAIN

|             |       |    |
|-------------|-------|----|
| Pitch       | 50,8  | mm |
| Inner width | 30,99 | mm |
| Roller Ø    | 29,21 | mm |



## SIMPLES

## DOUBLE

## TRIPLE

| Z  | de      | dp       | PART NUMBER | dm  | D1 | A   | kg.    | PART NUMBER | dm  | D1 | A   | kg.    | PART NUMBER | dm  | D1 | A   | kg.     |
|----|---------|----------|-------------|-----|----|-----|--------|-------------|-----|----|-----|--------|-------------|-----|----|-----|---------|
| 8  | 153,20  | 132,69   | 10150008    | 82  | 25 | 80  | 4,20   | 10250008    | 82  | 30 | 120 | 6,65   | 10350008    | 82  | 30 | 180 | 9,90    |
| 9  | 169,00  | 148,54   | 10150009    | 88  | 25 | 80  | 5,78   | 10250009    | 88  | 30 | 120 | 9,14   | 10350009    | 88  | 30 | 180 | 13,65   |
| 10 | 185,00  | 164,44   | 10150010    | 104 | 25 | 80  | 7,60   | 10250010    | 104 | 30 | 120 | 12,01  | 10350010    | 104 | 30 | 180 | 17,97   |
| 11 | 200,80  | 180,34   | 10150011    | 120 | 30 | 80  | 9,26   | 10250011    | 120 | 30 | 120 | 14,75  | 10350011    | 120 | 30 | 180 | 22,22   |
| 12 | 216,80  | 196,29   | 10150012    | 133 | 30 | 80  | 10,91  | 10250012    | 133 | 30 | 120 | 17,95  | 10350012    | 133 | 30 | 180 | 27,23   |
| 13 | 232,80  | 212,29   | 10150013    | 145 | 30 | 80  | 13,05  | 10250013    | 145 | 30 | 120 | 21,68  | 10350013    | 145 | 30 | 180 | 32,98   |
| 14 | 248,80  | 228,29   | 10150014    | 160 | 30 | 80  | 14,25  | 10250014    | 160 | 30 | 120 | 25,03  | 10350014    | 160 | 30 | 180 | 38,50   |
| 15 | 264,80  | 244,30   | 10150015    | 160 | 30 | 80  | 15,53  | 10250015    | 160 | 30 | 120 | 29,30  | 10350015    | 160 | 30 | 180 | 45,04   |
| 16 | 280,90  | 260,40   | 10150016    | 160 | 30 | 90  | 19,87  | 10250016    | 160 | 30 | 120 | 33,21  | 10350016    | 160 | 30 | 180 | 51,50   |
| 17 | 296,90  | 276,40   | 10150017    | 170 | 30 | 90  | 21,35  | 10250017    | 180 | 30 | 120 | 38,76  | 10350017    | 180 | 30 | 180 | 61,45   |
| 18 | 313,00  | 292,55   | 10150018    | 170 | 30 | 90  | 22,92  | 10250018    | 180 | 30 | 120 | 43,24  | 10350018    | 180 | 30 | 180 | 68,85   |
| 19 | 329,10  | 308,66   | 10150019    | 170 | 30 | 90  | 24,53  | 10250019    | 200 | 30 | 120 | 49,52  | 10350019    | 200 | 30 | 180 | 76,73   |
| 20 | 345,20  | 324,71   | 10150020    | 180 | 30 | 90  | 28,50  | 10250020    | 200 | 30 | 120 | 54,56  | 10350020    | 200 | 30 | 180 | 85,07   |
| 21 | 361,30  | 340,82   | 10150021    | 180 | 30 | 90  | 30,36  | 10250021    | 200 | 30 | 120 | 59,87  | 10350021    | 200 | 40 | 180 | 93,89   |
| 22 | 377,50  | 356,98   | 10150022    | 180 | 30 | 90  | 32,31  | 10250022    | 200 | 30 | 120 | 65,47  |             |     |    |     |         |
| 23 | 393,60  | 373,08   | 10150023    | 180 | 30 | 90  | 34,36  | 10250023    | 200 | 30 | 120 | 71,35  | 10350023    | 200 | 40 | 180 | 112,93  |
| 24 | 409,70  | 389,18   | 10150024    | 180 | 30 | 90  | 36,50  | 10250024    | 200 | 30 | 120 | 77,52  |             |     |    |     |         |
| 25 | 425,80  | 405,33   | 10150025    | 180 | 30 | 90  | 38,74  | 10250025    | 200 | 30 | 120 | 83,66  | 10350025    | 200 | 40 | 180 | 133,86  |
| 26 | 441,90  | 421,44   | 10150026    | 180 | 30 | 90  | 41,07  | 10250026    | 200 | 30 | 120 | 90,69  |             |     |    |     |         |
| 27 | 458,10  | 437,69   | 10150027    | 180 | 30 | 90  | 46,01  | 10250027    | 200 | 30 | 120 | 98,50  |             |     |    |     |         |
| 28 | 474,20  | 453,69   | 10150028    | 180 | 30 | 90  | 46,01  | 10250028    | 200 | 30 | 120 | 104,99 |             |     |    |     |         |
| 29 |         |          |             |     |    |     |        |             |     |    |     |        |             |     |    |     |         |
| 30 | 506,50  | 486,00   | 10150030    | 180 | 30 | 90  | 51,34  | 10250030    | 200 | 30 | 120 | 120,41 | 10350030    | 200 | 40 | 180 | 194,42  |
| 32 | 538,80  | 518,28   | 10150032    | 180 | 30 | 90  | 59,89  |             |     |    |     |        |             |     |    |     |         |
| 35 | 589,50  | 566,72   | 10150035    | 180 | 30 | 90  | 69,16  | 10250035    | 200 | 30 | 120 | 163,85 |             |     |    |     |         |
| 38 | 635,50  | 615,14   | 10150038    | 180 | 30 | 90  | 79,28  | 10250038    | 200 | 40 | 120 | 193,33 | 10350038    | 200 | 40 | 180 | 316,22  |
| 40 | 670,30  | 647,49   | 10150040    | 180 | 30 | 90  | 86,50  | 10250040    | 200 | 40 | 120 | 214,39 |             |     |    |     |         |
| 45 | 751,00  | 728,26   | 10150045    | 180 | 40 | 100 | 118,87 | 10250045    | 200 | 40 | 120 | 282,32 | 10350045    | 200 | 40 | 180 | 456,64  |
| 50 | 831,80  | 809,04   | 10150050    | 180 | 40 | 100 | 140,96 | 10250050    | 200 | 40 | 120 | 346,95 | 10350050    | 200 | 40 | 180 | 564,27  |
| 57 | 945,00  | 922,17   | 10150057    | 180 | 40 | 100 | 175,86 | 10250057    | 220 | 40 | 120 | 449,27 | 10350057    | 250 | 40 | 180 | 734,72  |
| 60 | 993,40  | 970,63   | 10150060    | 180 | 40 | 100 | 192,24 |             |     |    |     |        |             |     |    |     |         |
| 76 | 1.252,0 | 1.229,28 | 10150076    | 200 | 40 | 110 | 294,00 | 10250076    | 250 | 40 | 130 | 796,60 | 10350076    | 250 | 40 | 190 | 1319,64 |

MATERIAL **C 45 UNI 7845**  
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL **FE**  
FOR CHAIN SPROCKETS WITH WELDED HUB

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Quantity, availability and prices  
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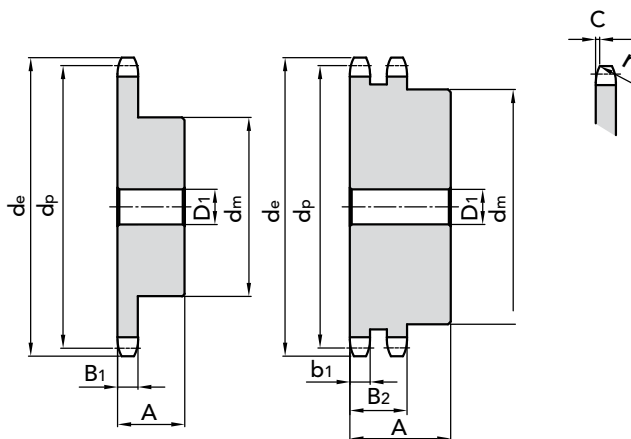
pitch 3/8" x 3/16"

## CHAIN SPROCKETS

|                             |      |    |
|-----------------------------|------|----|
| Tooth radius $r_3$          | 10   | mm |
| Radius width $\bar{C}$      | 1,2  | mm |
| Sprockets tooth width $B_1$ | 4,4  | mm |
| Sprockets tooth width $b_1$ | 4,3  | mm |
| Sprockets tooth width $B_2$ | 14,4 | mm |

## CHAIN

|             |       |    |
|-------------|-------|----|
| Pitch       | 9,525 | mm |
| Inner width | 4,77  | mm |
| Roller Ø    | 5,08  | mm |



### SIMPLES

### DOUBLE

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  |
|----|----------------|----------------|-------------|----------------|----------------|----|------|-------------|----------------|----------------|----|------|
| 8  |                |                |             |                |                |    |      |             |                |                |    |      |
| 9  | 31,50          | 27,85          | 11103009    | 18             | 8              | 20 | 0,05 |             |                |                |    |      |
| 10 | 35,70          | 30,82          | 11103010    | 20             | 8              | 22 | 0,05 | 11203010    | 20             | 8              | 22 | 0,15 |
| 11 | 38,69          | 33,80          | 11103011    | 22             | 8              | 25 | 0,08 | 11203011    | 22             | 10             | 25 | 0,15 |
| 12 | 41,68          | 36,80          | 11103012    | 25             | 8              | 25 | 0,10 |             |                |                |    |      |
| 13 | 44,68          | 39,80          | 11103013    | 28             | 10             | 25 | 0,12 | 11203013    | 28             | 10             | 25 | 0,16 |
| 14 | 47,68          | 42,80          | 11103014    | 31             | 10             | 25 | 0,15 | 11203014    | 31             | 10             | 25 | 0,19 |
| 15 | 50,69          | 45,81          | 11103015    | 34             | 10             | 25 | 0,19 | 11203015    | 34             | 10             | 25 | 0,23 |
| 16 | 53,70          | 48,82          | 11103016    | 37             | 10             | 28 | 0,24 | 11203016    | 37             | 12             | 30 | 0,27 |
| 17 | 56,72          | 51,83          | 11103017    | 38             | 10             | 28 | 0,28 | 11203017    | 40             | 12             | 30 | 0,31 |
| 18 | 59,73          | 54,85          | 11103018    | 38             | 10             | 28 | 0,32 | 11203018    | 43             | 12             | 30 | 0,36 |
| 19 | 62,75          | 57,87          | 11103019    | 46             | 10             | 28 | 0,36 | 11203019    | 46             | 12             | 30 | 0,42 |
| 20 | 65,77          | 60,89          | 11103020    | 46             | 10             | 28 | 0,38 | 11203020    | 49             | 12             | 30 | 0,42 |
| 21 | 68,79          | 63,91          | 11103021    | 46             | 10             | 28 | 0,41 | 11203021    | 52             | 12             | 30 | 0,51 |
| 22 | 71,81          | 66,93          | 11103022    | 52             | 12             | 28 | 0,45 | 11203022    | 55             | 12             | 30 | 0,57 |
| 23 | 74,83          | 69,95          | 11103023    | 52             | 12             | 28 | 0,49 | 11203023    | 58             | 12             | 30 | 0,64 |
| 24 | 77,85          | 72,97          | 11103024    | 52             | 12             | 28 | 0,54 | 11203024    | 61             | 12             | 30 | 0,71 |
| 25 | 80,88          | 76,00          | 11103025    | 58             | 12             | 28 | 0,60 | 11203025    | 64             | 12             | 30 | 0,78 |
| 26 | 83,90          | 79,02          | 11103026    | 58             | 12             | 28 | 0,66 | 11203026    | 67             | 12             | 30 | 0,78 |
| 27 | 86,93          | 82,04          | 11103027    | 58             | 12             | 28 | 0,67 | 11203027    | 70             | 12             | 30 | 0,94 |
| 28 | 89,95          | 85,07          | 11103028    | 60             | 12             | 28 | 0,68 | 11203028    | 73             | 12             | 30 | 1,02 |
| 30 | 96,00          | 91,12          | 11103030    | 60             | 12             | 28 | 0,71 |             |                |                |    |      |
| 31 | 97,9           | 94,15          | 11103031    | 65             | 14             | 30 | 0,87 | 11203031    | 80             | 16             | 30 | 1,02 |
| 32 | 100,9          | 97,17          | 11103032    | 65             | 14             | 30 | 0,86 | 11203032    | 80             | 16             | 30 | 1,31 |
| 33 | 103,9          | 100,20         | 11103033    | 65             | 14             | 30 | 1,13 |             |                |                |    |      |
| 34 | 106,9          | 103,23         |             |                |                |    |      | 11203034    | 80             | 16             | 30 | 1,42 |
| 35 | 110,0          | 106,26         | 11103035    | 65             | 14             | 30 | 0,94 | 11203035    | 80             | 16             | 30 | 1,48 |
| 36 | 114,17         | 109,29         | 11103036    | 70             | 16             | 30 | 1,05 |             |                |                |    |      |
| 37 | 116,0          | 112,32         | 11103037    | 70             | 16             | 30 | 1,09 |             |                |                |    |      |
| 38 | 119,0          | 115,34         | 11103038    | 70             | 16             | 30 | 1,08 | 11203038    | 90             | 16             | 30 | 1,48 |
| 39 | 122,1          | 118,37         | 11103039    | 70             | 16             | 30 | 1,10 | 11203039    | 90             | 16             | 30 | 1,48 |
| 40 |                |                |             |                |                |    |      |             |                |                |    |      |

MATERIAL C 45 UNI 7845

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Quantity, availability and prices  
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CHAIN SPROCKETS ASA 35 pitch 3/8" x 3/16" for roller chains in compliance with DIN 8188 - ISO/R 606 - ANSI B 29.1



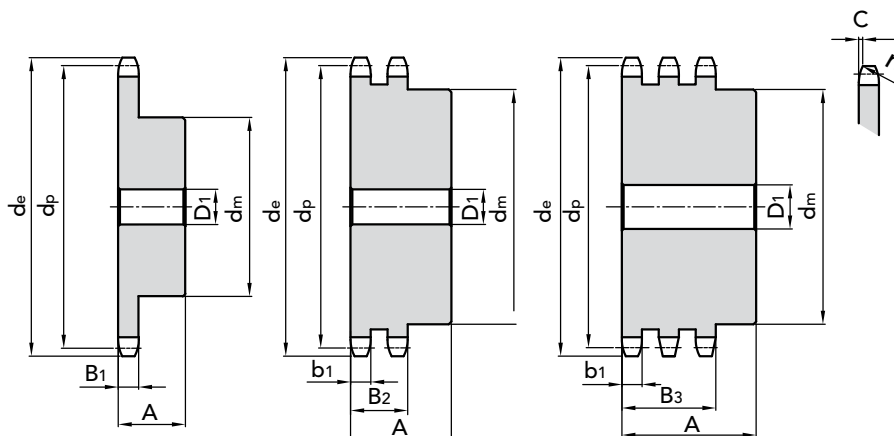
pitch 1/2" x 5/16"

**CHAIN SPROCKETS**

|                             |         |
|-----------------------------|---------|
| Tooth radius $r_3$          | 13,5 mm |
| Radius width $\bar{C}$      | 1,6 mm  |
| Sprockets tooth width $B_1$ | 7,4 mm  |
| Sprockets tooth width $b_1$ | 7,2 mm  |
| Sprockets tooth width $B_2$ | 21,6 mm |
| Sprockets tooth width $B_3$ | 36 mm   |

**CHAIN**

|             |         |
|-------------|---------|
| Pitch       | 12,7 mm |
| Inner width | 7,94 mm |
| Roller Ø    | 7,94 mm |

**SIMPLES****DOUBLE****TRIPLE**

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  |
|----|----------------|----------------|-------------|----------------|----------------|----|------|-------------|----------------|----------------|----|------|-------------|----------------|----------------|----|------|
| 8  | 39,30          | 33,18          | 11104008    | 26             | 10             | 25 | 0,10 |             |                |                |    |      |             |                |                |    |      |
| 10 | 47,66          | 41,10          | 11104010    | 29             | 10             | 25 | 0,12 | 11204010    | 28             | 10             | 32 | 0,19 | 11304010    | 28             | 14             | 50 | 0,24 |
| 11 | 51,64          | 45,08          | 11104011    | 35             | 10             | 28 | 0,14 | 11204011    | 32             | 12             | 35 | 0,29 |             |                |                |    |      |
| 12 | 55,63          | 49,07          | 11104012    | 35             | 10             | 28 | 0,20 | 11204012    | 35             | 12             | 35 | 0,35 | 11304012    | 35             | 14             | 50 | 0,39 |
| 13 | 59,63          | 53,07          | 11104013    | 35             | 10             | 28 | 0,26 | 11204013    | 38             | 12             | 35 | 0,43 | 11304013    | 38             | 14             | 50 | 0,49 |
| 14 | 63,63          | 57,07          | 11104014    | 46             | 10             | 28 | 0,32 | 11204014    | 42             | 12             | 35 | 0,52 | 11304014    | 42             | 14             | 50 | 0,60 |
| 15 | 67,64          | 61,08          | 11104015    | 48             | 10             | 28 | 0,38 | 11204015    | 46             | 12             | 35 | 0,62 | 11304015    | 46             | 14             | 50 | 0,72 |
| 16 | 71,66          | 65,10          | 11104016    | 48             | 10             | 28 | 0,45 | 11204016    | 50             | 14             | 35 | 0,73 | 11304016    | 50             | 16             | 50 | 0,85 |
| 17 | 75,68          | 69,12          | 11104017    | 48             | 10             | 28 | 0,50 | 11204017    | 54             | 14             | 35 | 0,83 | 11304017    | 54             | 16             | 50 | 0,99 |
| 18 | 79,70          | 73,14          | 11104018    | 60             | 12             | 28 | 0,58 | 11204018    | 58             | 14             | 35 | 0,97 | 11304018    | 58             | 16             | 50 | 1,14 |
| 19 | 83,72          | 77,16          | 11104019    | 60             | 12             | 28 | 0,67 | 11204019    | 62             | 14             | 35 | 1,12 | 11304019    | 62             | 16             | 50 | 1,30 |
| 20 | 87,74          | 81,18          | 11104020    | 65             | 12             | 28 | 0,77 | 11204020    | 66             | 14             | 35 | 1,28 | 11304020    | 66             | 16             | 50 | 1,47 |
| 21 | 91,77          | 85,21          | 11104021    | 65             | 12             | 28 | 0,84 | 11204021    | 70             | 16             | 40 | 1,37 | 11304021    | 70             | 20             | 55 | 1,79 |
| 22 | 95,80          | 89,24          | 11104022    | 65             | 12             | 28 | 0,91 | 11204022    | 70             | 16             | 40 | 1,46 | 11304022    | 70             | 20             | 55 | 1,93 |
| 23 | 99,83          | 93,27          | 11104023    | 70             | 12             | 28 | 0,94 | 11204023    | 70             | 16             | 40 | 1,63 | 11304023    | 70             | 20             | 55 | 2,08 |
| 24 | 103,86         | 97,30          | 11104024    | 70             | 14             | 28 | 0,97 | 11204024    | 75             | 16             | 40 | 1,82 | 11304024    | 75             | 20             | 55 | 2,32 |
| 25 | 107,89         | 101,33         | 11104025    | 70             | 14             | 28 | 1,01 | 11204025    | 80             | 16             | 40 | 2,01 | 11304025    | 80             | 20             | 55 | 2,57 |
| 26 | 111,92         | 105,36         | 11104026    | 70             | 14             | 28 | 1,09 | 11204026    | 85             | 20             | 40 | 2,12 | 11304026    | 85             | 20             | 55 | 2,79 |
| 27 | 115,96         | 109,40         | 11104027    | 70             | 16             | 30 | 1,13 | 11204027    | 85             | 20             | 40 | 2,33 | 11304027    | 85             | 20             | 55 | 2,96 |
| 28 | 119,99         | 113,43         | 11104028    | 70             | 16             | 30 | 1,16 | 11204028    | 90             | 20             | 40 | 2,79 | 11304028    | 90             | 20             | 55 | 3,25 |
| 29 |                |                |             |                |                |    |      |             |                |                |    |      |             |                |                |    |      |
| 30 | 128,06         | 121,50         | 11104030    | 80             | 16             | 30 | 1,46 | 11204030    | 100            | 20             | 40 | 3,25 |             |                |                |    |      |
| 31 |                |                |             |                |                |    |      | 11204031    | 100            | 20             | 40 | 3,33 |             |                |                |    |      |
| 32 | 136,13         | 129,57         | 11104032    | 80             | 16             | 30 | 1,78 |             |                |                |    |      |             |                |                |    |      |
| 33 |                |                |             |                |                |    |      | 11204033    | 100            | 20             | 40 | 3,40 | 11304033    | 110            | 20             | 55 | 4,74 |
| 34 |                |                |             |                |                |    |      | 11204034    | 100            | 20             | 40 | 3,50 |             |                |                |    |      |
| 35 | 148,24         | 141,68         | 11104035    | 90             | 16             | 30 | 1,92 | 11204035    | 100            | 20             | 40 | 3,60 |             |                |                |    |      |
| 36 | 152,28         | 145,72         | 11104036    | 90             | 16             | 30 | 2,21 |             |                |                |    |      |             |                |                |    |      |
| 37 |                |                |             |                |                |    |      | 11204037    | 100            | 20             | 40 | 3,69 |             |                |                |    |      |
| 38 | 160,35         | 153,79         | 11104038    | 90             | 16             | 35 | 2,32 | 11204038    | 100            | 20             | 40 | 3,84 | 11304038    | 120            | 25             | 55 | 6,14 |
| 39 |                |                |             |                |                |    |      | 11204039    | 100            | 20             | 40 | 4,00 |             |                |                |    |      |
| 40 | 168,43         | 161,87         | 11104040    | 90             | 16             | 35 | 2,43 |             |                |                |    |      | 11304040    | 120            | 25             | 55 | 6,66 |

MATERIAL C 45 UNI 7845

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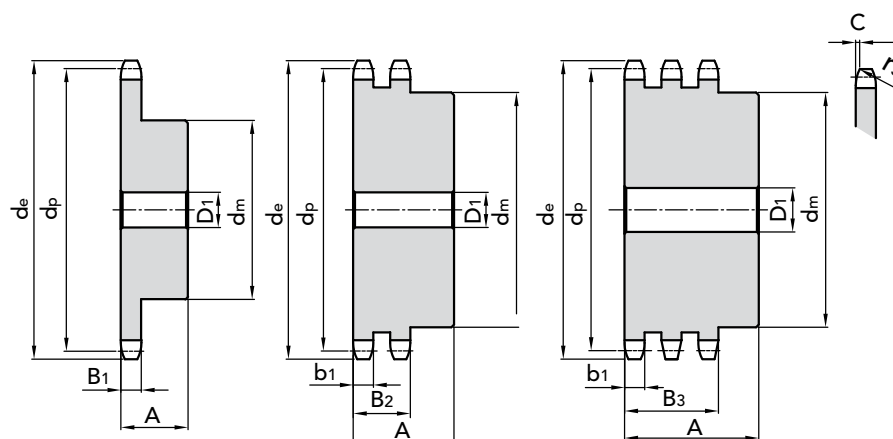
pitch 5/8" x 3/8"

## CHAIN SPROCKETS

|                             |      |    |
|-----------------------------|------|----|
| Tooth radius $r_3$          | 17   | mm |
| Radius width $\bar{C}$      | 2    | mm |
| Sprockets tooth width $B_1$ | 9    | mm |
| Sprockets tooth width $b_1$ | 8,8  | mm |
| Sprockets tooth width $B_2$ | 26,9 | mm |
| Sprockets tooth width $B_3$ | 45   | mm |

## CHAIN

|             |        |    |
|-------------|--------|----|
| Pitch       | 15,875 | mm |
| Inner width | 9,52   | mm |
| Roller Ø    | 10,16  | mm |



### SIMPLES

### DOUBLE

### TRIPLE

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  |
|----|----------------|----------------|-------------|----------------|----------------|----|------|-------------|----------------|----------------|----|------|-------------|----------------|----------------|----|------|
| 8  | 47,00          | 41,48          | 10115008    | 25             | 10             | 25 | 0,12 |             |                |                |    |      |             |                |                |    |      |
| 9  | 52,60          | 46,42          | 10115009    | 30             | 10             | 25 | 0,16 |             |                |                |    |      |             |                |                |    |      |
| 10 | 57,50          | 51,37          | 10115010    | 35             | 10             | 25 | 0,22 |             |                |                |    |      |             |                |                |    |      |
| 11 | 63,00          | 56,34          | 10115011    | 37             | 12             | 30 | 0,29 |             |                |                |    |      |             |                |                |    |      |
| 12 | 68,00          | 61,34          | 10115012    | 42             | 12             | 30 | 0,37 |             |                |                |    |      | 11305012    | 44             | 16             | 55 | 0,54 |
| 13 | 73,00          | 66,32          | 10115013    | 47             | 12             | 30 | 0,46 | 11205013    | 49             | 14             | 40 | 0,67 | 11305013    | 49             | 16             | 55 | 0,67 |
| 14 | 78,00          | 71,34          | 10115014    | 52             | 12             | 30 | 0,56 | 11205014    | 54             | 14             | 40 | 0,82 | 11305014    | 54             | 16             | 55 | 0,82 |
| 15 | 83,00          | 76,36          | 10115015    | 57             | 12             | 30 | 0,67 | 11205015    | 59             | 14             | 40 | 0,97 | 11305015    | 59             | 16             | 55 | 0,97 |
| 16 | 88,00          | 81,37          | 10115016    | 60             | 12             | 30 | 0,76 | 11205016    | 64             | 16             | 45 | 1,25 | 11305016    | 64             | 16             | 60 | 1,25 |
| 17 | 93,00          | 86,39          | 10115017    | 60             | 12             | 30 | 0,88 | 11205017    | 69             | 16             | 45 | 1,45 | 11305017    | 69             | 16             | 60 | 1,45 |
| 18 | 98,00          | 91,42          | 10115018    | 70             | 14             | 30 | 1,01 | 11205018    | 74             | 16             | 45 | 1,56 | 11305018    | 74             | 16             | 60 | 1,56 |
| 19 | 103,30         | 96,45          | 10115019    | 70             | 14             | 30 | 1,15 | 11205019    | 79             | 16             | 45 | 1,67 | 11305019    | 79             | 16             | 60 | 1,67 |
| 20 | 108,40         | 101,49         | 10115020    | 75             | 14             | 30 | 1,21 | 11205020    | 84             | 16             | 45 | 2,14 | 11305020    | 84             | 16             | 60 | 2,14 |
| 21 | 113,40         | 106,52         | 10115021    | 75             | 16             | 30 | 1,35 | 11205021    | 85             | 16             | 45 | 2,27 | 11305021    | 85             | 20             | 60 | 2,27 |
| 22 | 118,00         | 111,55         | 10115022    | 80             | 16             | 30 | 1,41 | 11205022    | 90             | 16             | 45 | 2,54 | 11305022    | 90             | 20             | 60 | 2,54 |
| 23 | 123,40         | 116,58         | 10115023    | 80             | 16             | 30 | 1,47 | 11205023    | 95             | 16             | 45 | 2,81 | 11305023    | 95             | 20             | 60 | 2,81 |
| 24 | 128,30         | 121,62         | 10115024    | 80             | 16             | 30 | 1,54 | 11205024    | 100            | 16             | 45 | 3,11 | 11305024    | 100            | 20             | 60 | 3,11 |
| 25 | 134,00         | 126,66         | 10115025    | 80             | 16             | 30 | 1,60 | 11205025    | 105            | 16             | 45 | 3,14 | 11305025    | 105            | 20             | 60 | 3,14 |
| 26 | 139,00         | 131,70         | 10115026    | 85             | 20             | 35 | 1,96 |             |                |                |    |      | 11305026    | 110            | 20             | 60 | 3,74 |
| 27 | 144,00         | 136,75         | 10115027    | 85             | 20             | 35 | 2,04 |             |                |                |    |      | 11305027    | 110            | 20             | 60 | 3,94 |
| 28 | 148,70         | 141,78         | 10115028    | 90             | 20             | 35 | 2,25 |             |                |                |    |      | 11305028    | 115            | 20             | 60 | 4,28 |
| 29 | 153,80         | 146,83         | 10115029    | 90             | 20             | 35 | 2,33 |             |                |                |    |      |             |                |                |    |      |
| 30 | 158,80         | 151,87         | 10115030    | 90             | 20             | 35 | 2,41 |             |                |                |    |      |             |                |                |    |      |
| 31 | 163,90         | 156,92         | 10115031    | 95             | 20             | 35 | 2,64 |             |                |                |    |      |             |                |                |    |      |
| 32 | 168,90         | 161,95         | 10115032    | 95             | 20             | 35 | 2,73 |             |                |                |    |      |             |                |                |    |      |
| 33 | 174,50         | 167,00         | 10115033    | 95             | 20             | 35 | 2,82 |             |                |                |    |      |             |                |                |    |      |
| 34 | 179,00         | 172,05         | 10115034    | 95             | 20             | 35 | 2,92 |             |                |                |    |      |             |                |                |    |      |
| 35 | 184,10         | 177,10         | 10115035    | 95             | 20             | 35 | 3,01 |             |                |                |    |      |             |                |                |    |      |
| 36 | 189,10         | 182,15         | 10115036    | 100            | 20             | 35 | 3,27 |             |                |                |    |      |             |                |                |    |      |
| 37 | 194,20         | 187,20         | 10115037    | 100            | 20             | 35 | 3,37 |             |                |                |    |      |             |                |                |    |      |
| 38 | 199,20         | 192,24         | 10115038    | 100            | 20             | 35 | 3,47 |             |                |                |    |      |             |                |                |    |      |
| 39 | 104,20         | 197,29         | 10115039    | 100            | 20             | 35 | 3,58 |             |                |                |    |      |             |                |                |    |      |
| 40 | 209,30         | 202,34         | 10115040    | 100            | 20             | 35 | 3,69 |             |                |                |    |      |             |                |                |    |      |

MATERIAL **C 45 UNI 7845**

Simple sprockets correspond to 5/8 pitch ISO sprockets

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on B2B Chiaravalli



CHAIN SPROCKETS ASA 50 pitch 5/8" x 3/8" for roller chains in compliance with DIN 8188 - ISO/R 606 - ANSI B 29.1



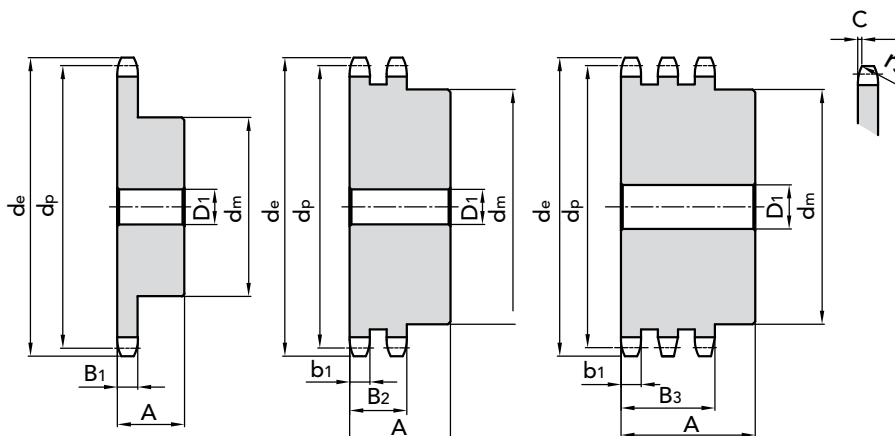
pitch 3/4" x 1/2"

## CHAIN SPROCKETS

|                             |      |    |
|-----------------------------|------|----|
| Tooth radius $r_3$          | 20   | mm |
| Radius width $\bar{C}$      | 2,4  | mm |
| Sprockets tooth width $B_1$ | 12   | mm |
| Sprockets tooth width $b_1$ | 11,8 | mm |
| Sprockets tooth width $B_2$ | 34,6 | mm |
| Sprockets tooth width $B_3$ | 57,4 | mm |

## CHAIN

|             |       |    |
|-------------|-------|----|
| Pitch       | 19,05 | mm |
| Inner width | 12,7  | mm |
| Roller Ø    | 11,91 | mm |



## SIMPLES

## DOUBLE

## TRIPLE

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  |
|----|----------------|----------------|-------------|----------------|----------------|----|------|-------------|----------------|----------------|----|------|-------------|----------------|----------------|----|------|
| 10 | 71,54          | 61,64          | 11106010    | 42             | 12             | 30 | 0,38 | 11206010    | 42             | 12             | 45 | 0,58 | 11306010    | 42             | 16             | 65 | 0,86 |
| 11 | 77,51          | 67,61          | 11106011    | 45             | 12             | 30 | 0,50 | 11206011    | 47             | 16             | 50 | 0,80 |             |                |                |    |      |
| 12 | 83,49          | 73,61          | 11106012    | 45             | 12             | 30 | 0,64 | 11206012    | 53             | 16             | 50 | 1,01 | 11306012    | 53             | 20             | 70 | 1,47 |
| 13 | 89,49          | 79,59          | 11106013    | 60             | 14             | 35 | 0,80 | 11206013    | 59             | 16             | 50 | 1,24 | 11306013    | 59             | 20             | 70 | 1,78 |
| 14 | 95,50          | 85,61          | 11106014    | 60             | 14             | 35 | 0,97 | 11206014    | 65             | 16             | 50 | 1,45 | 11306014    | 65             | 20             | 70 | 2,16 |
| 15 | 101,52         | 91,63          | 11106015    | 60             | 14             | 35 | 1,16 | 11206015    | 71             | 16             | 50 | 1,73 | 11306015    | 71             | 20             | 70 | 2,52 |
| 16 | 107,54         | 97,65          | 11106016    | 75             | 16             | 35 | 1,34 | 11206016    | 77             | 20             | 50 | 2,03 | 11306016    | 77             | 20             | 70 | 2,93 |
| 17 | 113,56         | 103,67         | 11106017    | 75             | 16             | 35 | 1,53 | 11206017    | 83             | 20             | 50 | 2,35 | 11306017    | 83             | 20             | 70 | 3,44 |
| 18 | 119,59         | 109,71         | 11106018    | 75             | 16             | 35 | 1,61 | 11206018    | 89             | 20             | 50 | 2,70 | 11306018    | 89             | 20             | 70 | 3,91 |
| 19 | 125,63         | 115,75         | 11106019    | 80             | 16             | 35 | 1,70 | 11206019    | 95             | 20             | 50 | 3,06 | 11306019    | 95             | 20             | 70 | 4,43 |
| 20 | 131,67         | 121,78         | 11106020    | 80             | 16             | 35 | 1,84 | 11206020    | 100            | 20             | 50 | 3,45 | 11306020    | 100            | 20             | 70 | 4,96 |
| 21 | 137,71         | 127,82         | 11106021    | 80             | 16             | 35 | 2,35 | 11206021    | 100            | 20             | 50 | 3,69 | 11306021    | 100            | 20             | 70 | 5,41 |
| 22 | 143,75         | 133,86         | 11106022    | 90             | 20             | 40 | 2,45 | 11206022    | 100            | 20             | 50 | 3,96 | 11306022    | 100            | 20             | 70 | 59,7 |
| 23 | 149,79         | 139,90         | 11106023    | 90             | 20             | 40 | 2,56 | 11206023    | 110            | 20             | 50 | 4,50 | 11306023    | 110            | 20             | 70 | 6,64 |
| 24 | 155,84         | 145,94         | 11106024    | 90             | 20             | 40 | 2,67 | 11206024    | 110            | 20             | 50 | 4,81 | 11306024    | 110            | 20             | 70 | 7,21 |
| 25 | 161,88         | 152,00         | 11106025    | 90             | 20             | 40 | 2,79 | 11206025    | 120            | 20             | 50 | 5,40 | 11306025    | 120            | 20             | 70 | 7,97 |
| 26 | 167,93         | 158,04         | 11106026    | 90             | 20             | 40 | 3,08 | 11206026    | 120            | 20             | 50 | 5,73 |             |                |                |    |      |
| 27 | 173,98         | 164,09         | 11106027    | 90             | 20             | 40 | 3,21 | 11206027    | 120            | 20             | 50 | 6,05 |             |                |                |    |      |
| 28 | 180,03         | 170,13         | 11106028    | 95             | 20             | 40 | 3,34 | 11206028    | 120            | 20             | 50 | 6,43 |             |                |                |    |      |
| 30 | 192,14         | 182,25         | 11106030    | 95             | 20             | 40 | 3,62 | 11206030    | 120            | 20             | 50 | 7,18 |             |                |                |    |      |

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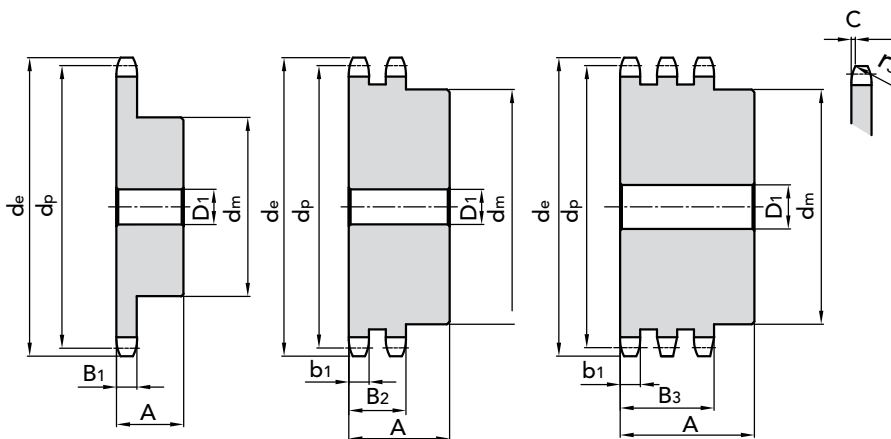
pitch 1" x 5/8"

## CHAIN SPROCKETS

|                             |      |    |
|-----------------------------|------|----|
| Tooth radius $r_3$          | 27   | mm |
| Radius width $\tilde{C}$    | 3,2  | mm |
| Sprockets tooth width $B_1$ | 15   | mm |
| Sprockets tooth width $b_1$ | 14,7 | mm |
| Sprockets tooth width $B_2$ | 44   | mm |
| Sprockets tooth width $B_3$ | 73,3 | mm |

## CHAIN

|             |       |    |
|-------------|-------|----|
| Pitch       | 25,4  | mm |
| Inner width | 15,88 | mm |
| Roller Ø    | 15,88 | mm |



### SIMPLES

### DOUBLE

### TRIPLE

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.   | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A   | kg.   |
|----|----------------|----------------|-------------|----------------|----------------|----|------|-------------|----------------|----------------|----|-------|-------------|----------------|----------------|-----|-------|
| 8  |                |                |             |                |                |    |      |             |                |                |    |       |             |                |                |     |       |
| 9  |                |                |             |                |                |    |      |             |                |                |    |       |             |                |                |     |       |
| 10 | 95,32          | 82,79          | 11108010    | 55             | 16             | 35 | 0,82 | 11208010    | 56             | 20             | 65 | 1,52  |             |                |                |     |       |
| 11 | 103,28         | 90,14          | 11108011    | 61             | 16             | 40 | 1,13 |             |                |                |    |       |             |                |                |     |       |
| 12 | 111,26         | 98,14          | 11108012    | 69             | 16             | 40 | 1,42 | 11208012    | 72             | 20             | 70 | 2,60  | 11308012    | 72             | 25             | 100 | 3,62  |
| 13 | 119,26         | 106,12         | 11108013    | 78             | 16             | 40 | 1,77 | 11208013    | 78             | 20             | 70 | 3,22  | 11308013    | 78             | 25             | 100 | 4,45  |
| 14 | 127,27         | 114,15         | 11108014    | 84             | 16             | 40 | 2,07 | 11208014    | 86             | 20             | 70 | 3,82  | 11308014    | 86             | 25             | 100 | 5,37  |
| 15 | 135,29         | 122,17         | 11108015    | 92             | 16             | 40 | 2,46 | 11208015    | 94             | 20             | 70 | 4,51  | 11308015    | 94             | 25             | 100 | 6,37  |
| 16 | 143,32         | 130,20         | 11108016    | 100            | 20             | 45 | 3,13 | 11208016    | 102            | 20             | 70 | 5,17  | 11308016    | 102            | 30             | 100 | 7,45  |
| 17 | 151,35         | 138,22         | 11108017    | 100            | 20             | 45 | 3,34 | 11208017    | 110            | 20             | 70 | 5,97  | 11308017    | 110            | 30             | 100 | 8,60  |
| 18 | 159,39         | 146,28         | 11108018    | 100            | 20             | 45 | 3,55 | 11208018    | 118            | 20             | 70 | 6,84  | 11308018    | 118            | 30             | 100 | 9,84  |
| 19 | 167,44         | 154,33         | 11108019    | 100            | 20             | 45 | 3,78 | 11208019    | 126            | 20             | 70 | 7,75  | 11308019    | 126            | 30             | 100 | 11,16 |
| 20 | 175,49         | 162,38         | 11108020    | 100            | 20             | 45 | 4,02 | 11208020    | 130            | 20             | 70 | 8,43  | 11308020    | 130            | 30             | 100 | 12,36 |
| 21 | 183,54         | 170,43         | 11108021    | 110            | 20             | 50 | 5,01 | 11208021    | 130            | 25             | 70 | 9,24  |             |                |                |     |       |
| 22 | 191,60         | 178,48         | 11108022    | 110            | 20             | 50 | 5,26 |             |                |                |    |       |             |                |                |     |       |
| 23 | 199,66         | 186,53         | 11108023    | 110            | 20             | 50 | 5,56 |             |                |                |    |       |             |                |                |     |       |
| 24 | 207,72         | 194,59         | 11108024    | 110            | 20             | 50 | 5,85 |             |                |                |    |       |             |                |                |     |       |
| 25 | 215,78         | 202,66         | 11108025    | 110            | 20             | 50 | 6,16 | 11208025    | 130            | 25             | 70 | 12,52 |             |                |                |     |       |
| 26 | 223,84         | 210,72         | 11108026    | 120            | 20             | 50 | 6,96 |             |                |                |    |       |             |                |                |     |       |
| 27 | 231,91         | 218,79         | 11108027    | 120            | 20             | 50 | 7,29 |             |                |                |    |       |             |                |                |     |       |
| 28 | 239,98         | 226,85         | 11108028    | 120            | 20             | 50 | 7,64 |             |                |                |    |       |             |                |                |     |       |
| 29 |                |                |             |                |                |    |      |             |                |                |    |       |             |                |                |     |       |
| 30 | 256,12         | 243,00         | 11108030    | 120            | 20             | 50 | 7,96 |             |                |                |    |       |             |                |                |     |       |

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CHAIN SPROCKETS ASA 80 pitch 1" x 5/8" for roller chains in compliance with DIN 8188 - ISO/R 606 - ANSI B 29.1



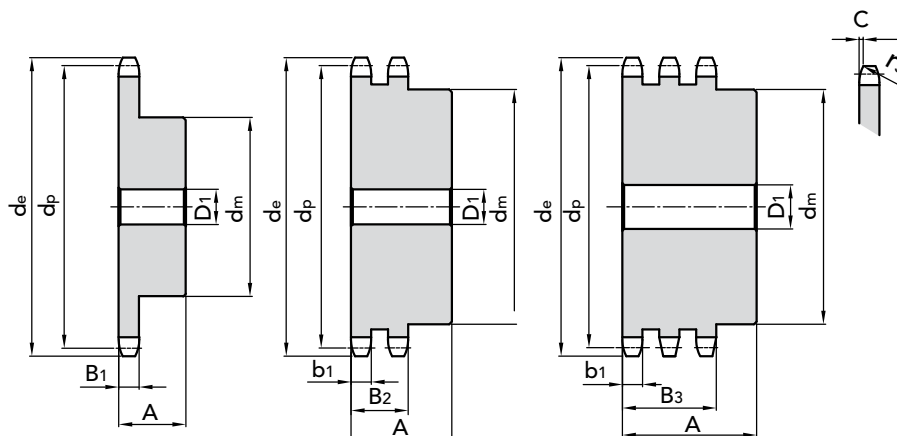
pitch 1" 1/4 x 3/4"

**CHAIN SPROCKETS**

|                             |      |    |
|-----------------------------|------|----|
| Tooth radius $r_3$          | 33,5 | mm |
| Radius width $\check{C}$    | 4    | mm |
| Sprockets tooth width $B_1$ | 18   | mm |
| Sprockets tooth width $b_1$ | 17,7 | mm |
| Sprockets tooth width $B_2$ | 53,5 | mm |
| Sprockets tooth width $B_3$ | 89,2 | mm |

**CHAIN**

|             |       |    |
|-------------|-------|----|
| Pitch       | 31,75 | mm |
| Inner width | 19,05 | mm |
| Roller Ø    | 19,05 | mm |



| SIMPLES |                |                |             |                |                |    |       | DOUBLE      |                |                |    | TRIPLE |             |                |                |     |       |
|---------|----------------|----------------|-------------|----------------|----------------|----|-------|-------------|----------------|----------------|----|--------|-------------|----------------|----------------|-----|-------|
| Z       | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.   | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.    | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A   | kg.   |
| 8       | 98,10          | 82,96          | 11110008    | 53             | 20             | 40 | 0,85  |             |                |                |    |        |             |                |                |     |       |
| 9       | 108,00         | 92,84          | 11110009    | 63             | 20             | 40 | 1,18  |             |                |                |    |        |             |                |                |     |       |
| 10      | 117,90         | 102,74         | 11110010    | 70             | 20             | 40 | 1,57  |             |                |                |    |        |             |                |                |     |       |
| 11      | 127,80         | 112,68         | 11110011    | 77             | 20             | 45 | 2,04  | 11210011    | 80             | 25             | 80 | 3,72   |             |                |                |     |       |
| 12      | 137,80         | 122,68         | 11110012    | 88             | 20             | 45 | 2,58  | 11210012    | 90             | 20             | 80 | 4,66   |             |                |                |     |       |
| 13      | 147,80         | 132,65         | 11110013    | 98             | 20             | 45 | 3,15  | 11210013    | 100            | 20             | 80 | 5,70   |             |                |                |     |       |
| 14      | 157,80         | 142,68         | 11110014    | 108            | 20             | 45 | 3,78  | 11210014    | 110            | 20             | 80 | 6,84   | 11310014    | 110            | 30             | 115 | 9,71  |
| 15      | 167,90         | 152,72         | 11110015    | 118            | 20             | 45 | 4,47  | 11210015    | 120            | 20             | 80 | 8,08   |             |                |                |     |       |
| 16      | 177,90         | 162,75         | 11110016    | 120            | 25             | 50 | 5,25  | 11210016    | 120            | 25             | 80 | 8,90   |             |                |                |     |       |
| 17      | 187,90         | 172,78         | 11110017    | 120            | 25             | 50 | 5,61  | 11210017    | 120            | 25             | 80 | 9,92   | 11310017    | 420            | 30             | 115 | 14,60 |
| 18      | 198,00         | 182,85         | 11110018    | 120            | 25             | 50 | 5,99  |             |                |                |    |        |             |                |                |     |       |
| 19      | 208,10         | 192,91         | 11110019    | 120            | 25             | 50 | 6,40  |             |                |                |    |        |             |                |                |     |       |
| 20      | 218,10         | 202,95         | 11110020    | 120            | 25             | 50 | 6,82  |             |                |                |    |        |             |                |                |     |       |
| 21      | 228,20         | 213,04         | 11110021    | 140            | 25             | 55 | 8,79  |             |                |                |    |        |             |                |                |     |       |
| 22      | 238,30         | 223,11         | 11110022    | 140            | 25             | 55 | 9,27  |             |                |                |    |        |             |                |                |     |       |
| 23      | 248,30         | 233,17         | 11110023    | 140            | 25             | 55 | 9,77  |             |                |                |    |        |             |                |                |     |       |
| 24      | 258,40         | 243,23         | 11110024    | 140            | 25             | 55 | 10,30 |             |                |                |    |        |             |                |                |     |       |
| 25      | 268,50         | 253,33         | 11110025    | 140            | 25             | 55 | 10,85 |             |                |                |    |        |             |                |                |     |       |
|         |                |                |             |                |                |    |       |             |                |                |    |        |             |                |                |     |       |

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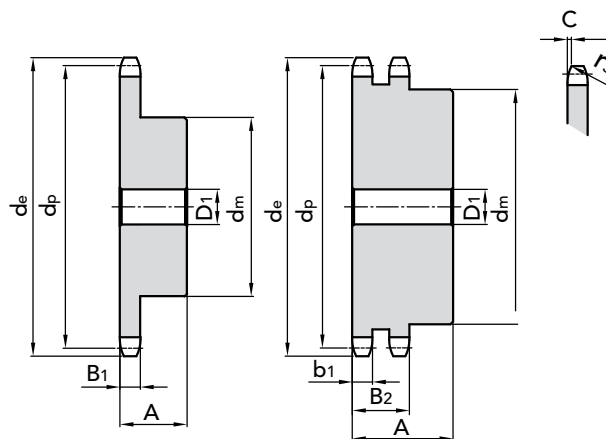
pitch 1" 1/2 x 1"

## CHAIN SPROCKETS

|                             |      |    |
|-----------------------------|------|----|
| Tooth radius $r_3$          | 40,5 | mm |
| Radius width $\bar{C}$      | 4,8  | mm |
| Sprockets tooth width $B_1$ | 24,1 | mm |
| Sprockets tooth width $b_1$ | 23,6 | mm |
| Sprockets tooth width $B_2$ | 69   | mm |

## CHAIN

|             |       |    |
|-------------|-------|----|
| Pitch       | 38,1  | mm |
| Inner width | 25,4  | mm |
| Roller Ø    | 22,22 | mm |



### SIMPLES

### DOUBLE

| Z  | $d_e$  | $d_p$  | PART NUMBER | $d_m$ | $D_1$ | A  | kg.   | PART NUMBER | $d_m$ | $D_1$ | A   | kg.   |
|----|--------|--------|-------------|-------|-------|----|-------|-------------|-------|-------|-----|-------|
| 8  | 119,04 | 99,55  | 11112008    | 58    | 20    | 45 | 2,05  |             |       |       |     |       |
| 9  | 130,88 | 111,40 | 11112009    | 70    | 20    | 45 | 2,67  |             |       |       |     |       |
| 10 | 142,77 | 123,29 | 11112010    | 80    | 20    | 45 | 3,45  |             |       |       |     |       |
| 11 | 154,71 | 135,21 | 11112011    | 90    | 25    | 50 | 4,26  | 11212011    | 90    | 25    | 100 | 6,62  |
| 12 | 165,00 | 147,22 | 11112012    | 102   | 25    | 50 | 5,22  | 11212012    | 102   | 25    | 100 | 8,28  |
| 13 | 178,68 | 159,18 | 11112013    | 114   | 25    | 50 | 6,29  | 11212013    | 114   | 25    | 100 | 10,13 |
| 14 | 190,70 | 171,22 | 11112014    | 128   | 25    | 50 | 7,05  | 11212014    | 128   | 25    | 100 | 12,24 |
| 15 | 202,73 | 183,26 | 11112015    | 140   | 25    | 50 | 8,12  | 11212015    | 140   | 25    | 100 | 14,08 |
| 17 |        |        |             |       |       |    |       |             |       |       |     |       |
| 18 |        |        |             |       |       |    |       |             |       |       |     |       |
| 19 | 245,5  | 231,49 | 11112019    | 136   | 25    | 55 | 10,05 |             |       |       |     |       |

MATERIAL C 45 UNI 7845

On demand we can manufacture ASA sprockets and pitches not shown on this catalogue.

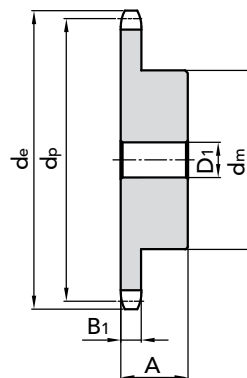
Quantity, availability and prices  
on B2B Chiaravalli



CHAIN SPROCKETS ASA 120 pitch 1"1/2 x 1" for roller chains in compliance with DIN 8188 - ISO/R 606 - ANSI B 29.1



MATERIAL **STAINLESS STEEL**  
**AISI 304 L**



| PITCH               | Z  | de     | PART NUMBER | dp     | dm    | D1    | A     | B <sub>1</sub> | Kg   |
|---------------------|----|--------|-------------|--------|-------|-------|-------|----------------|------|
| <b>3/8" x 7/32"</b> | 12 | 40,00  | 14109012    | 36,80  | 25,00 | 8,00  | 25,00 | 5,3            | 0,12 |
|                     | 13 | 43,00  | 14109013    | 39,79  | 28,00 | 10,00 | 25,00 | 5,3            | 0,13 |
|                     | 15 | 49,00  | 14109015    | 45,81  | 34,00 | 10,00 | 25,00 | 5,3            | 0,19 |
|                     | 16 | 52,30  | 14109016    | 48,82  | 37,00 | 10,00 | 28,00 | 5,3            | 0,24 |
|                     | 17 | 55,30  | 14109017    | 51,83  | 40,00 | 10,00 | 28,00 | 5,3            | 0,28 |
|                     | 18 | 58,30  | 14109018    | 54,85  | 43,00 | 10,00 | 28,00 | 5,3            | 0,33 |
|                     | 19 | 61,30  | 14109019    | 57,87  | 45,00 | 10,00 | 28,00 | 5,3            | 0,36 |
|                     | 20 | 64,30  | 14109020    | 60,89  | 46,00 | 10,00 | 28,00 | 5,3            | 0,39 |
|                     | 21 | 68,00  | 14109021    | 63,91  | 48,00 | 12,00 | 28,00 | 5,3            | 0,42 |
|                     | 23 | 73,50  | 14109023    | 69,65  | 52,00 | 12,00 | 28,00 | 5,3            | 0,50 |
|                     | 25 | 80,00  | 14109025    | 76,00  | 57,00 | 12,00 | 28,00 | 5,3            | 0,60 |
|                     | 30 | 94,70  | 14109030    | 91,12  | 60,00 | 12,00 | 30,00 | 5,3            | 0,72 |
| <b>1/2" x 5/16"</b> | 12 | 53,00  | 14112012    | 49,07  | 33,00 | 10,00 | 28,00 | 7,2            | 0,21 |
|                     | 13 | 57,90  | 14112013    | 53,06  | 37,00 | 10,00 | 28,00 | 7,2            | 0,26 |
|                     | 15 | 65,90  | 14112015    | 61,09  | 45,00 | 10,00 | 28,00 | 7,2            | 0,38 |
|                     | 16 | 69,90  | 14112016    | 65,10  | 50,00 | 12,00 | 28,00 | 7,2            | 0,46 |
|                     | 17 | 74,00  | 14112017    | 69,11  | 52,00 | 12,00 | 28,00 | 7,2            | 0,51 |
|                     | 18 | 78,00  | 14112018    | 73,14  | 56,00 | 12,00 | 28,00 | 7,2            | 0,59 |
|                     | 19 | 82,00  | 14112019    | 77,16  | 60,00 | 12,00 | 28,00 | 7,2            | 0,67 |
|                     | 20 | 86,00  | 14112020    | 81,19  | 64,00 | 12,00 | 28,00 | 7,2            | 0,76 |
|                     | 21 | 90,01  | 14112021    | 85,22  | 68,00 | 14,00 | 28,00 | 7,2            | 0,85 |
|                     | 23 | 98,01  | 14112023    | 93,27  | 70,00 | 14,00 | 28,00 | 7,2            | 0,94 |
|                     | 25 | 106,20 | 14112025    | 101,33 | 70,00 | 14,00 | 28,00 | 7,2            | 1,01 |
|                     | 30 | 126,30 | 14112030    | 121,50 | 80,00 | 16,00 | 30,00 | 7,2            | 1,46 |
| <b>5/8" x 3/8"</b>  | 12 | 68,00  | 14115012    | 61,34  | 42,00 | 12,00 | 30,00 | 9,1            | 0,37 |
|                     | 13 | 73,00  | 14115013    | 66,32  | 47,00 | 12,00 | 30,00 | 9,1            | 0,46 |
|                     | 15 | 83,00  | 14115015    | 76,36  | 57,00 | 12,00 | 30,00 | 9,1            | 0,67 |
|                     | 16 | 88,00  | 14115016    | 81,37  | 60,00 | 12,00 | 30,00 | 9,1            | 0,76 |
|                     | 17 | 93,00  | 14115017    | 86,39  | 60,00 | 12,00 | 30,00 | 9,1            | 0,88 |
|                     | 18 | 98,30  | 14115018    | 91,42  | 70,00 | 12,00 | 30,00 | 9,1            | 1,01 |
|                     | 19 | 103,30 | 14115019    | 96,45  | 70,00 | 14,00 | 30,00 | 9,1            | 1,15 |
|                     | 20 | 108,40 | 14115020    | 101,49 | 75,00 | 14,00 | 30,00 | 9,1            | 1,21 |
|                     | 21 | 113,40 | 14115021    | 106,52 | 80,00 | 16,00 | 30,00 | 9,1            | 1,35 |
|                     | 23 | 123,40 | 14115023    | 116,58 | 80,00 | 16,00 | 30,00 | 9,1            | 1,47 |
|                     | 25 | 134,00 | 14115025    | 126,66 | 80,00 | 16,00 | 30,00 | 9,1            | 1,60 |
|                     | 30 | 158,80 | 14115030    | 151,87 | 90,00 | 20,00 | 35,00 | 9,1            | 2,41 |

MATERIAL **STAINLESS STEEL**  
**AISI 304 L**

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Quantity, availability and prices  
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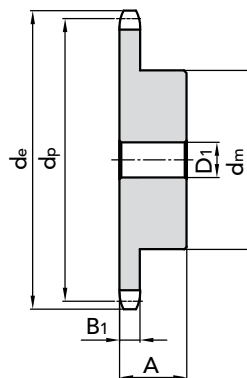


# STAINLESS STEEL CHAIN SPROCKETS

29

1

MATERIAL **STAINLESS STEEL**  
**AISI 304 L**



| PITCH               | Z  | de     | PART NUMBER | dp     | dm     | D1    | A     | B <sub>1</sub> | Kg   |
|---------------------|----|--------|-------------|--------|--------|-------|-------|----------------|------|
| <b>3/4" x 7/16"</b> | 12 | 81,50  | 14119012    | 73,61  | 52,00  | 14,00 | 35,00 | 11,1           | 0,65 |
|                     | 13 | 87,50  | 14119013    | 79,59  | 58,00  | 16,00 | 35,00 | 11,1           | 0,80 |
|                     | 15 | 99,80  | 14119015    | 91,63  | 70,00  | 16,00 | 35,00 | 11,1           | 1,16 |
|                     | 16 | 105,50 | 14119016    | 97,65  | 75,00  | 16,00 | 35,00 | 11,1           | 1,34 |
|                     | 17 | 111,50 | 14119017    | 103,67 | 80,00  | 16,00 | 35,00 | 11,1           | 1,53 |
|                     | 18 | 118,00 | 14119018    | 109,71 | 80,00  | 16,00 | 35,00 | 11,1           | 1,61 |
|                     | 19 | 124,20 | 14119019    | 115,75 | 80,00  | 16,00 | 35,00 | 11,1           | 1,70 |
|                     | 20 | 129,70 | 14119020    | 121,78 | 80,00  | 16,00 | 35,00 | 11,1           | 1,80 |
|                     | 21 | 136,00 | 14119021    | 127,82 | 90,00  | 20,00 | 40,00 | 11,1           | 2,35 |
|                     | 23 | 149,00 | 14119023    | 139,90 | 90,00  | 20,00 | 40,00 | 11,1           | 2,56 |
|                     | 25 | 160,00 | 14119025    | 152,00 | 90,00  | 20,00 | 40,00 | 11,1           | 2,80 |
|                     | 30 | 189,78 | 14119030    | 182,25 | 95,00  | 20,00 | 40,00 | 11,1           | 2,63 |
| <b>1" x 17,02</b>   | 12 | 109,00 | 14125012    | 98,14  | 69,00  | 16,00 | 40,00 | 16,2           | 1,43 |
|                     | 13 | 117,00 | 14125013    | 106,12 | 78,00  | 16,00 | 40,00 | 16,2           | 1,77 |
|                     | 15 | 133,00 | 14125015    | 122,17 | 92,00  | 16,00 | 40,00 | 16,2           | 2,46 |
|                     | 16 | 141,00 | 14125016    | 130,20 | 100,00 | 19,00 | 45,00 | 16,2           | 3,14 |
|                     | 17 | 149,00 | 14125017    | 138,22 | 100,00 | 20,00 | 45,00 | 16,2           | 3,34 |
|                     | 18 | 157,00 | 14125018    | 146,28 | 100,00 | 20,00 | 45,00 | 16,2           | 3,56 |
|                     | 19 | 165,20 | 14125019    | 154,33 | 100,00 | 20,00 | 45,00 | 16,2           | 3,78 |
|                     | 20 | 163,00 | 14125020    | 162,38 | 100,00 | 20,00 | 45,00 | 16,2           | 4,03 |
|                     | 21 | 181,20 | 14125021    | 170,43 | 110,00 | 20,00 | 50,00 | 16,2           | 5,01 |
|                     | 23 | 197,50 | 14125023    | 182,25 | 95,00  | 20,00 | 40,00 | 16,2           | 5,56 |
|                     | 25 | 213,50 | 14125025    | 202,66 | 110,00 | 20,00 | 50,00 | 16,2           | 6,16 |
|                     | 30 | 254,00 | 14125030    | 243,00 | 120,00 | 20,00 | 55,00 | 16,2           | 8,38 |
|                     |    |        |             |        |        |       |       |                |      |
|                     |    |        |             |        |        |       |       |                |      |
|                     |    |        |             |        |        |       |       |                |      |
|                     |    |        |             |        |        |       |       |                |      |
|                     |    |        |             |        |        |       |       |                |      |
|                     |    |        |             |        |        |       |       |                |      |
|                     |    |        |             |        |        |       |       |                |      |
|                     |    |        |             |        |        |       |       |                |      |
|                     |    |        |             |        |        |       |       |                |      |
|                     |    |        |             |        |        |       |       |                |      |
|                     |    |        |             |        |        |       |       |                |      |
|                     |    |        |             |        |        |       |       |                |      |

MATERIAL **STAINLESS STEEL**  
**AISI 304 L**

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Quantity, availability and prices  
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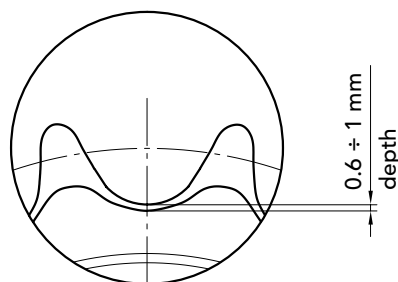
STAINLESS STEELCHAIN SPROCKETS for roller chains in compliance with DIN 8187 - ISO/R 606

# SIMPLE CHAIN SPROCKETS HARDENED

## HRC 45 ÷ 53



MATERIAL C 45 UNI 7845



SIMPLE CHAIN SPROCKETS HARDENED HRC 45 ÷ 53

| PITCH        | Z  | de     | PART NUMBER | dp     | dm    | D1    | A     | Kg   |
|--------------|----|--------|-------------|--------|-------|-------|-------|------|
| 3/8" x 7/32" | 13 | 43,00  | 15109013    | 39,79  | 28,00 | 10,00 | 25,00 | 0,13 |
|              | 14 | 46,50  | 15109014    | 42,80  | 31,00 | 10,00 | 25,00 | 0,16 |
|              | 15 | 49,30  | 15109015    | 45,81  | 34,00 | 10,00 | 25,00 | 0,18 |
|              | 16 | 52,30  | 15109016    | 48,82  | 37,00 | 10,00 | 28,00 | 0,24 |
|              | 17 | 55,30  | 15109017    | 51,83  | 40,00 | 10,00 | 28,00 | 0,28 |
|              | 18 | 59,30  | 15109018    | 54,85  | 43,00 | 10,00 | 28,00 | 0,33 |
|              | 19 | 61,30  | 15109019    | 57,87  | 45,00 | 10,00 | 28,00 | 0,36 |
|              | 20 | 64,30  | 15109020    | 60,89  | 46,00 | 10,00 | 28,00 | 0,39 |
|              | 21 | 68,00  | 15109021    | 63,91  | 48,00 | 12,00 | 28,00 | 0,42 |
|              | 23 | 73,50  | 15109023    | 69,95  | 52,00 | 12,00 | 28,00 | 0,50 |
|              | 25 | 80,00  | 15109025    | 76,00  | 57,00 | 12,00 | 28,00 | 0,60 |
|              | 27 | 86,00  | 15109027    | 82,05  | 60,00 | 12,00 | 28,00 | 0,65 |
| 1/2" x 5/16" | 30 | 94,70  | 15109030    | 91,12  | 60,00 | 12,00 | 30,00 | 0,72 |
|              | 13 | 57,40  | 15112013    | 53,60  | 37,00 | 10,00 | 28,00 | 0,26 |
|              | 14 | 61,80  | 15112014    | 57,07  | 41,00 | 10,00 | 28,00 | 0,32 |
|              | 15 | 65,90  | 15112015    | 61,09  | 45,00 | 10,00 | 28,00 | 0,38 |
|              | 16 | 69,90  | 15112016    | 65,10  | 50,00 | 12,00 | 28,00 | 0,46 |
|              | 17 | 74,00  | 15112017    | 69,11  | 52,00 | 12,00 | 28,00 | 0,51 |
|              | 18 | 78,00  | 15112018    | 73,14  | 56,00 | 12,00 | 28,00 | 0,59 |
|              | 19 | 82,00  | 15112019    | 77,16  | 60,00 | 12,00 | 28,00 | 0,67 |
|              | 20 | 86,00  | 15112020    | 81,19  | 64,00 | 12,00 | 28,00 | 0,76 |
|              | 21 | 90,10  | 15112021    | 85,22  | 68,00 | 14,00 | 28,00 | 0,85 |
|              | 23 | 98,10  | 15112023    | 93,27  | 70,00 | 14,00 | 28,00 | 0,91 |
|              | 25 | 106,20 | 15112025    | 101,33 | 70,00 | 14,00 | 28,00 | 1,01 |
| 5/8" x 3/8"  | 27 | 114,00 | 15112027    | 109,40 | 70,00 | 16,00 | 30,00 | 1,26 |
|              | 30 | 126,30 | 15112030    | 121,50 | 80,00 | 16,00 | 30,00 | 1,46 |
|              | 13 | 73,00  | 15115013    | 66,32  | 47,00 | 12,00 | 30,00 | 0,46 |
|              | 14 | 78,20  | 15115014    | 71,34  | 52,00 | 12,00 | 30,00 | 0,56 |
|              | 15 | 83,00  | 15115015    | 76,36  | 57,00 | 12,00 | 30,00 | 0,67 |
|              | 16 | 88,00  | 15115016    | 81,37  | 60,00 | 12,00 | 30,00 | 0,76 |
|              | 17 | 93,00  | 15115017    | 86,39  | 60,00 | 12,00 | 30,00 | 0,88 |
|              | 18 | 98,30  | 15115018    | 91,42  | 70,00 | 12,00 | 30,00 | 1,01 |
|              | 19 | 103,30 | 15115019    | 96,45  | 70,00 | 14,00 | 30,00 | 1,15 |
|              | 20 | 108,40 | 15115020    | 101,49 | 75,00 | 14,00 | 30,00 | 1,21 |
|              | 21 | 113,40 | 15115021    | 106,52 | 80,00 | 16,00 | 30,00 | 1,35 |
|              | 23 | 123,40 | 15115023    | 116,58 | 80,00 | 16,00 | 30,00 | 1,47 |
|              | 25 | 134,00 | 15115025    | 126,66 | 80,00 | 16,00 | 30,00 | 1,60 |
|              | 27 | 143,50 | 15115027    | 136,74 | 80,00 | 16,00 | 30,00 | 2,00 |
|              | 30 | 158,70 | 15115030    | 151,87 | 90,00 | 20,00 | 35,00 | 2,41 |

MATERIAL C 45 UNI 7845

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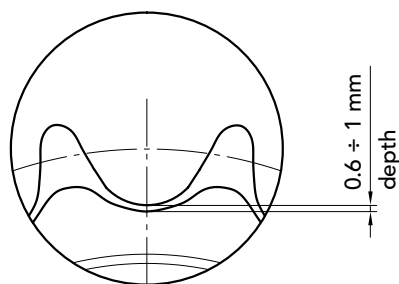
# SIMPLE CHAIN SPROCKETS HARDENED

## HRC 45 ÷ 53

31

1

MATERIAL C 45 UNI 7845



| PITCH        | Z  | de     | PART NUMBER | dp     | dm     | D1    | A     | Kg   |
|--------------|----|--------|-------------|--------|--------|-------|-------|------|
| 3/4" x 7/16" | 13 | 87,50  | 15119013    | 79,59  | 58,00  | 14,00 | 35,00 | 0,80 |
|              | 14 | 93,80  | 15119014    | 85,61  | 64,00  | 16,00 | 35,00 | 0,97 |
|              | 15 | 99,80  | 15119015    | 91,63  | 70,00  | 16,00 | 35,00 | 1,16 |
|              | 16 | 105,50 | 15119016    | 97,65  | 75,00  | 16,00 | 35,00 | 1,34 |
|              | 17 | 111,50 | 15119017    | 103,67 | 80,00  | 16,00 | 35,00 | 1,53 |
|              | 18 | 118,00 | 15119018    | 109,71 | 80,00  | 16,00 | 35,00 | 1,62 |
|              | 19 | 124,20 | 15119019    | 115,75 | 80,00  | 16,00 | 35,00 | 1,70 |
|              | 20 | 129,70 | 15119020    | 121,78 | 80,00  | 16,00 | 35,00 | 1,80 |
|              | 21 | 136,00 | 15119021    | 127,82 | 90,00  | 20,00 | 40,00 | 2,35 |
|              | 23 | 149,00 | 15119023    | 139,90 | 90,00  | 20,00 | 40,00 | 2,56 |
|              | 25 | 160,00 | 15119025    | 152,00 | 90,00  | 20,00 | 40,00 | 2,80 |
|              | 27 | 171,60 | 15119027    | 164,09 | 90,00  | 20,00 | 40,00 | 3,10 |
| 1" x 17,02   | 30 | 189,80 | 15119030    | 182,25 | 95,00  | 20,00 | 40,00 | 3,30 |
|              | 13 | 117,00 | 15125013    | 106,12 | 78,00  | 16,00 | 40,00 | 1,77 |
|              | 14 | 125,70 | 15125014    | 114,15 | 84,00  | 16,00 | 40,00 | 2,08 |
|              | 15 | 133,00 | 15125015    | 122,17 | 92,00  | 16,00 | 40,00 | 2,46 |
|              | 16 | 141,00 | 15125016    | 130,20 | 100,00 | 19,00 | 45,00 | 3,14 |
|              | 17 | 149,00 | 15125017    | 138,22 | 100,00 | 20,00 | 45,00 | 3,34 |
|              | 18 | 157,00 | 15125018    | 146,28 | 100,00 | 20,00 | 45,00 | 3,56 |
|              | 19 | 165,20 | 15125019    | 154,33 | 100,00 | 20,00 | 45,00 | 3,78 |
|              | 20 | 173,00 | 15125020    | 162,38 | 100,00 | 20,00 | 45,00 | 4,03 |
|              | 21 | 181,20 | 15125021    | 170,43 | 110,00 | 20,00 | 50,00 | 5,14 |
|              | 23 | 197,60 | 15125023    | 186,54 | 110,00 | 20,00 | 50,00 | 5,56 |
|              | 25 | 213,70 | 15125025    | 202,66 | 110,00 | 20,00 | 50,00 | 6,16 |
|              | 27 | 229,60 | 15125027    | 218,79 | 110,00 | 20,00 | 50,00 | 7,00 |
|              | 30 | 254,60 | 15125030    | 243,00 | 120,00 | 20,00 | 50,00 | 8,38 |
|              |    |        |             |        |        |       |       |      |
|              |    |        |             |        |        |       |       |      |
|              |    |        |             |        |        |       |       |      |
|              |    |        |             |        |        |       |       |      |
|              |    |        |             |        |        |       |       |      |
|              |    |        |             |        |        |       |       |      |
|              |    |        |             |        |        |       |       |      |
|              |    |        |             |        |        |       |       |      |
|              |    |        |             |        |        |       |       |      |
|              |    |        |             |        |        |       |       |      |

MATERIAL C 45 UNI 7845

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SIMPLE CHAIN SPROCKETS HARDENED HRC 45 ÷ 53

# SIMPLE CHAIN SPROCKETS WITH HARDENED TEETH WITH HOLE + KEYWAY + SCREW HOLES


**3/8" x 7/32" 06B-1**
**CHAIN SPROCKETS**

 Sprockets tooth width  $B_1$  5,3 mm

**CHAIN**

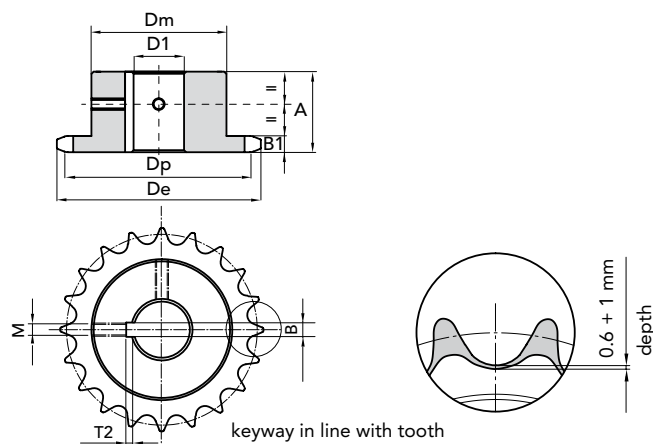
Pitch 9,525 mm

Inner width 5,72 mm

Roller Ø 9,35 mm

**KEYWAY DIN 6885 UNI 6604**

Hardened teeth HRC 45±53



| Z  | P. NUMBER | d <sub>e</sub> | d <sub>p</sub> | dm | A  | ØD1 H7 | B H9 | T2  | M  |
|----|-----------|----------------|----------------|----|----|--------|------|-----|----|
| 12 | 16091212  | 40,45          | 36,8           | 25 | 25 | 12     | 4    | 1,8 | M4 |
|    | 16091214  |                |                | 29 |    | 14     | 5    | 2,3 | M4 |
|    | 16091215  |                |                | 30 |    | 15     | 5    | 2,3 | M4 |
|    | 16091216  |                |                | 31 |    | 16     | 5    | 2,3 | M4 |
| 13 | 16091312  | 43,5           | 39,8           | 28 | 25 | 12     | 4    | 1,8 | M4 |
|    | 16091314  |                |                |    |    | 14     | 5    | 2,3 | M4 |
|    | 16091315  |                |                |    |    | 15     | 5    | 2,3 | M4 |
|    | 16091316  |                |                |    |    | 16     | 5    | 2,3 | M4 |
|    | 16091318  |                |                |    |    | 18     | 6    | 2,8 | M5 |
| 14 | 16091412  | 46,5           | 42,8           | 31 | 25 | 12     | 4    | 1,8 | M4 |
|    | 16091414  |                |                |    |    | 14     | 5    | 2,3 | M4 |
|    | 16091415  |                |                |    |    | 15     | 5    | 2,3 | M4 |
|    | 16091416  |                |                |    |    | 16     | 5    | 2,3 | M4 |
|    | 16091418  |                |                |    |    | 18     | 6    | 2,8 | M5 |
| 15 | 16091514  | 49,5           | 45,81          | 34 | 25 | 14     | 5    | 2,3 | M4 |
|    | 16091515  |                |                |    |    | 15     | 5    | 2,3 | M4 |
|    | 16091516  |                |                |    |    | 16     | 5    | 2,3 | M4 |
|    | 16091518  |                |                |    |    | 18     | 6    | 2,8 | M5 |
|    | 16091519  |                |                |    |    | 19     | 6    | 2,8 | M5 |
|    | 16091520  |                |                |    |    | 20     | 6    | 2,8 | M5 |
|    | 16091522  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16091524  |                |                |    |    | 24     | 8    | 3,3 | M6 |
| 16 | 16091614  | 52,3           | 48,82          | 37 | 28 | 14     | 5    | 2,3 | M4 |
|    | 16091615  |                |                |    |    | 15     | 5    | 2,3 | M4 |
|    | 16091616  |                |                |    |    | 16     | 5    | 2,3 | M4 |
|    | 16091618  |                |                |    |    | 18     | 6    | 2,8 | M5 |
|    | 16091619  |                |                |    |    | 19     | 6    | 2,8 | M5 |
|    | 16091620  |                |                |    |    | 20     | 6    | 2,8 | M5 |
|    | 16091622  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16091624  |                |                |    |    | 24     | 8    | 3,3 | M6 |
| 17 | 16091714  | 55,5           | 51,83          | 40 | 28 | 14     | 5    | 2,3 | M4 |
|    | 16091715  |                |                |    |    | 15     | 5    | 2,3 | M4 |
|    | 16091716  |                |                |    |    | 16     | 5    | 2,3 | M4 |
|    | 16091718  |                |                |    |    | 18     | 6    | 2,8 | M5 |
|    | 16091719  |                |                |    |    | 19     | 6    | 2,8 | M5 |
|    | 16091720  |                |                |    |    | 20     | 6    | 2,8 | M5 |
|    | 16091722  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16091724  |                |                |    |    | 24     | 8    | 3,3 | M6 |

| Z  | P. NUMBER | d <sub>e</sub> | d <sub>p</sub> | dm | A  | ØD1 H7 | B H9 | T2  | M  |
|----|-----------|----------------|----------------|----|----|--------|------|-----|----|
| 18 | 16091814  | 58,3           | 54,85          | 43 | 28 | 14     | 5    | 2,3 | M4 |
|    | 16091815  |                |                |    |    | 15     | 5    | 2,3 | M4 |
|    | 16091816  |                |                |    |    | 16     | 5    | 2,3 | M4 |
|    | 16091818  |                |                |    |    | 18     | 6    | 2,8 | M5 |
|    | 16091819  |                |                |    |    | 19     | 6    | 2,8 | M5 |
|    | 16091820  |                |                |    |    | 20     | 6    | 2,8 | M5 |
|    | 16091822  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16091824  |                |                |    |    | 24     | 8    | 3,3 | M6 |
| 19 | 16091915  | 61,6           | 57,87          | 45 | 28 | 15     | 5    | 2,3 | M4 |
|    | 16091916  |                |                |    |    | 16     | 5    | 2,3 | M4 |
|    | 16091918  |                |                |    |    | 18     | 6    | 2,8 | M5 |
|    | 16091919  |                |                |    |    | 19     | 6    | 2,8 | M5 |
|    | 16091920  |                |                |    |    | 20     | 6    | 2,8 | M5 |
|    | 16091922  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16091924  |                |                |    |    | 24     | 8    | 3,3 | M6 |
|    | 16091925  |                |                |    |    | 25     | 8    | 3,3 | M6 |
| 20 | 16092015  | 64,3           | 60,89          | 46 | 28 | 15     | 5    | 2,3 | M4 |
|    | 16092016  |                |                |    |    | 16     | 5    | 2,3 | M4 |
|    | 16092018  |                |                |    |    | 18     | 6    | 2,8 | M5 |
|    | 16092019  |                |                |    |    | 19     | 6    | 2,8 | M5 |
|    | 16092020  |                |                |    |    | 20     | 6    | 2,8 | M5 |
|    | 16092022  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16092024  |                |                |    |    | 24     | 8    | 3,3 | M6 |
|    | 16092025  |                |                |    |    | 25     | 8    | 3,3 | M6 |
| 21 | 16092115  | 67,6           | 63,91          | 48 | 28 | 15     | 5    | 2,3 | M4 |
|    | 16092116  |                |                |    |    | 16     | 5    | 2,3 | M4 |
|    | 16092118  |                |                |    |    | 18     | 6    | 2,8 | M5 |
|    | 16092119  |                |                |    |    | 19     | 6    | 2,8 | M5 |
|    | 16092120  |                |                |    |    | 20     | 6    | 2,8 | M5 |
|    | 16092122  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16092124  |                |                |    |    | 24     | 8    | 3,3 | M6 |
|    | 16092125  |                |                |    |    | 25     | 8    | 3,3 | M6 |

 MATERIAL **C 45 UNI 7845**

 CAD drawings available on our site  
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 Quantity, availability and prices  
 on B2B Chiaravalli




# SIMPLE CHAIN SPROCKETS WITH HARDENED TEETH WITH HOLE + KEYWAY + SCREW HOLES

33

3/8" x 7/32" 06B-1

## CHAIN SPROCKETS

Sprockets tooth width  $B_1$  5,3 mm

## CHAIN

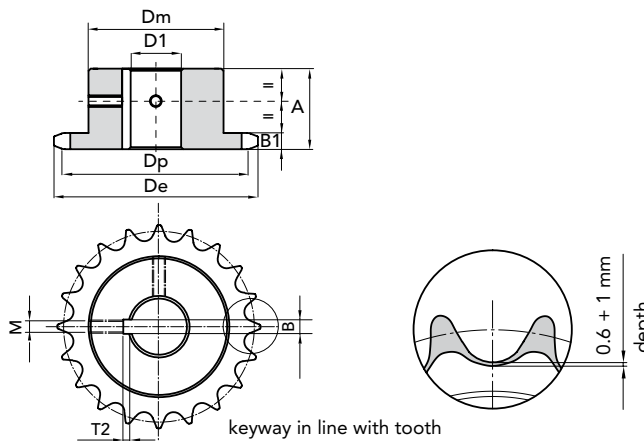
Pitch 9,525 mm

Inner width 5,72 mm

Roller Ø 9,35 mm

**KEYWAY DIN 6885 UNI 6604**

Hardened teeth HRC 45÷53



| Z  | P. NUMBER | d <sub>e</sub> | d <sub>p</sub> | dm | A  | ØD1 H7 | B H9 | T2  | M  |
|----|-----------|----------------|----------------|----|----|--------|------|-----|----|
| 23 | 16092315  | 73,7           | 69,95          | 52 | 28 | 15     | 5    | 2,3 | M4 |
|    | 16092316  |                |                |    |    | 16     | 5    | 2,3 | M4 |
|    | 16092318  |                |                |    |    | 18     | 6    | 2,8 | M5 |
|    | 16092319  |                |                |    |    | 19     | 6    | 2,8 | M5 |
|    | 16092320  |                |                |    |    | 20     | 6    | 2,8 | M5 |
|    | 16092322  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16092324  |                |                |    |    | 24     | 8    | 3,3 | M6 |
|    | 16092325  |                |                |    |    | 25     | 8    | 3,3 | M6 |
| 24 | 16092418  | 76,7           | 72,97          | 54 | 28 | 18     | 6    | 2,8 | M5 |
|    | 16092419  |                |                |    |    | 19     | 6    | 2,8 | M5 |
|    | 16092420  |                |                |    |    | 20     | 6    | 2,8 | M5 |
|    | 16092422  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16092424  |                |                |    |    | 24     | 8    | 3,3 | M6 |
|    | 16092425  |                |                |    |    | 25     | 8    | 3,3 | M6 |
|    | 16092428  |                |                |    |    | 28     | 8    | 3,3 | M6 |
|    | 16092430  |                |                |    |    | 30     | 8    | 3,3 | M6 |
| 25 | 16092518  | 79,7           | 76             | 57 | 28 | 18     | 6    | 2,8 | M5 |
|    | 16092519  |                |                |    |    | 19     | 6    | 2,8 | M5 |
|    | 16092520  |                |                |    |    | 20     | 6    | 2,8 | M5 |
|    | 16092522  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16092524  |                |                |    |    | 24     | 8    | 3,3 | M6 |
|    | 16092525  |                |                |    |    | 25     | 8    | 3,3 | M6 |
|    | 16092528  |                |                |    |    | 28     | 8    | 3,3 | M6 |
|    | 16092530  |                |                |    |    | 30     | 8    | 3,3 | M6 |
| 27 | 16092720  | 85,7           | 82,05          | 60 | 28 | 20     | 6    | 2,8 | M5 |
|    | 16092722  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16092724  |                |                |    |    | 24     | 8    | 3,3 | M6 |
|    | 16092725  |                |                |    |    | 25     | 8    | 3,3 | M6 |
|    | 16092728  |                |                |    |    | 28     | 8    | 3,3 | M6 |
|    | 16092730  |                |                |    |    | 30     | 8    | 3,3 | M6 |
| 30 | 16093020  | 94,8           | 91,12          | 60 | 30 | 20     | 6    | 2,8 | M5 |
|    | 16093022  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16093024  |                |                |    |    | 24     | 8    | 3,3 | M6 |
|    | 16093025  |                |                |    |    | 25     | 8    | 3,3 | M6 |
|    | 16093028  |                |                |    |    | 28     | 8    | 3,3 | M6 |
|    | 16093030  |                |                |    |    | 30     | 8    | 3,3 | M6 |

MATERIAL C 45 UNI 7845

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SIMPLE CHAIN SPROCKETS 3/8"x7/32" 06B-1 for roller chains in compliance with DIN 8187 - ISO/R 606

# SIMPLE CHAIN SPROCKETS WITH HARDENED TEETH WITH HOLE + KEYWAY + SCREW HOLES



1/2" x 5/16" 08B-1

## CHAIN SPROCKETS

Sprockets tooth width  $B_1$  7,2 mm

## CHAIN

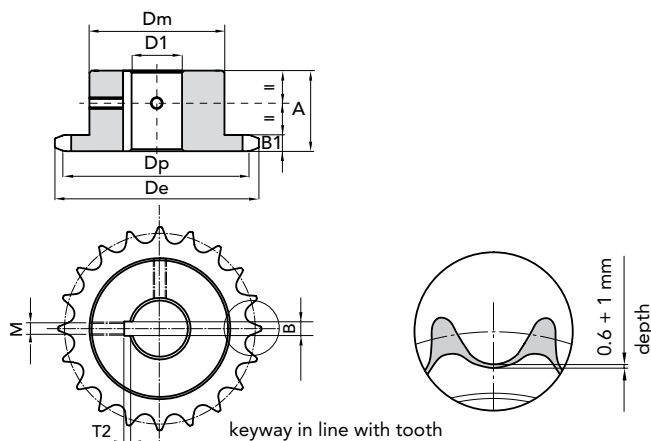
Pitch 12,7 mm

Inner width 7,75 mm

Roller Ø 8,51 mm

**KEYWAY DIN 6885 UNI 6604**

Hardened teeth HRC 45÷53



| Z  | P. NUMBER | d <sub>e</sub> | d <sub>p</sub> | dm | A  | ØD1 H7 | B H9 | T2  | M  |
|----|-----------|----------------|----------------|----|----|--------|------|-----|----|
| 12 | 1612121 2 | 53,9           | 49,07          | 33 | 28 | 12     | 4    | 1,8 | M4 |
|    | 16121214  |                |                |    |    | 14     | 5    | 2,3 | M4 |
|    | 16121215  |                |                |    |    | 15     | 5    | 2,3 | M4 |
|    | 16121216  |                |                |    |    | 16     | 5    | 2,3 | M4 |
|    | 16121218  |                |                |    |    | 18     | 6    | 2,8 | M5 |
|    | 16121219  |                |                |    |    | 19     | 6    | 2,8 | M5 |
|    | 16121220  |                |                |    |    | 20     | 6    | 2,8 | M5 |
| 13 | 16121312  | 57,9           | 53,06          | 37 | 28 | 12     | 4    | 1,8 | M4 |
|    | 16121314  |                |                |    |    | 14     | 5    | 2,3 | M4 |
|    | 16121315  |                |                |    |    | 15     | 5    | 2,3 | M4 |
|    | 16121316  |                |                |    |    | 16     | 5    | 2,3 | M4 |
|    | 16121318  |                |                |    |    | 18     | 6    | 2,8 | M5 |
|    | 16121319  |                |                |    |    | 19     | 6    | 2,8 | M5 |
|    | 16121320  |                |                |    |    | 20     | 6    | 2,8 | M5 |
|    | 16121322  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16121324  |                |                |    |    | 24     | 8    | 3,3 | M6 |
| 14 | 16121414  | 61,6           | 57,07          | 41 | 28 | 14     | 5    | 2,3 | M4 |
|    | 16121415  |                |                |    |    | 15     | 5    | 2,3 | M4 |
|    | 16121416  |                |                |    |    | 16     | 5    | 2,3 | M4 |
|    | 16121418  |                |                |    |    | 18     | 6    | 2,8 | M5 |
|    | 16121419  |                |                |    |    | 19     | 6    | 2,8 | M5 |
|    | 16121420  |                |                |    |    | 20     | 6    | 2,8 | M5 |
|    | 16121422  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16121424  |                |                |    |    | 24     | 8    | 3,3 | M6 |
|    | 16121425  |                |                |    |    | 25     | 8    | 3,3 | M6 |
| 15 | 16121514  | 65,9           | 61,09          | 45 | 28 | 14     | 5    | 2,3 | M4 |
|    | 16121515  |                |                |    |    | 15     | 5    | 2,3 | M4 |
|    | 16121516  |                |                |    |    | 16     | 5    | 2,3 | M4 |
|    | 16121518  |                |                |    |    | 18     | 6    | 2,8 | M5 |
|    | 16121519  |                |                |    |    | 19     | 6    | 2,8 | M5 |
|    | 16121520  |                |                |    |    | 20     | 6    | 2,8 | M5 |
|    | 16121522  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16121524  |                |                |    |    | 24     | 8    | 3,3 | M6 |
|    | 16121525  |                |                |    |    | 25     | 8    | 3,3 | M6 |
|    | 16121528  |                |                |    |    | 28     | 8    | 3,3 | M6 |
|    | 16121530  |                |                |    |    | 30     | 8    | 3,3 | M6 |

| ZP. NUMBER |          | d <sub>e</sub> | d <sub>p</sub> | dm | A  | ØD1 H7 | B H9 | T2  | M  |
|------------|----------|----------------|----------------|----|----|--------|------|-----|----|
| 16         | 16121615 | 69,5           | 65,1           | 50 | 28 | 15     | 5    | 2,3 | M4 |
|            | 16121616 |                |                |    |    | 16     | 5    | 2,3 | M4 |
|            | 16121618 |                |                |    |    | 18     | 6    | 2,8 | M5 |
|            | 16121619 |                |                |    |    | 19     | 6    | 2,8 | M5 |
|            | 16121620 |                |                |    |    | 20     | 6    | 2,8 | M5 |
|            | 16121622 |                |                |    |    | 22     | 6    | 2,8 | M5 |
|            | 16121624 |                |                |    |    | 24     | 8    | 3,3 | M6 |
|            | 16121625 |                |                |    |    | 25     | 8    | 3,3 | M6 |
|            | 16121628 |                |                |    |    | 28     | 8    | 3,3 | M6 |
|            | 16121630 |                |                |    |    | 30     | 8    | 3,3 | M6 |
| 17         | 16121715 | 74             | 69,11          | 52 | 28 | 15     | 5    | 2,3 | M4 |
|            | 16121716 |                |                |    |    | 16     | 5    | 2,3 | M4 |
|            | 16121718 |                |                |    |    | 18     | 6    | 2,8 | M5 |
|            | 16121719 |                |                |    |    | 19     | 6    | 2,8 | M5 |
|            | 16121720 |                |                |    |    | 20     | 6    | 2,8 | M5 |
|            | 16121722 |                |                |    |    | 22     | 6    | 2,8 | M5 |
|            | 16121724 |                |                |    |    | 24     | 8    | 3,3 | M6 |
|            | 16121725 |                |                |    |    | 25     | 8    | 3,3 | M6 |
|            | 16121728 |                |                |    |    | 28     | 8    | 3,3 | M6 |
|            | 16121730 |                |                |    |    | 30     | 8    | 3,3 | M6 |
| 18         | 16121816 | 77,8           | 73,14          | 56 | 28 | 16     | 5    | 2,3 | M4 |
|            | 16121818 |                |                |    |    | 18     | 6    | 2,8 | M5 |
|            | 16121819 |                |                |    |    | 19     | 6    | 2,8 | M5 |
|            | 16121820 |                |                |    |    | 20     | 6    | 2,8 | M5 |
|            | 16121822 |                |                |    |    | 22     | 6    | 2,8 | M5 |
|            | 16121824 |                |                |    |    | 24     | 8    | 3,3 | M6 |
|            | 16121825 |                |                |    |    | 25     | 8    | 3,3 | M6 |
|            | 16121828 |                |                |    |    | 28     | 8    | 3,3 | M6 |
|            | 16121830 |                |                |    |    | 30     | 8    | 3,3 | M6 |
|            | 16121832 |                |                |    |    | 32     | 10   | 3,3 | M8 |
|            | 16121835 |                |                |    |    | 35     | 10   | 3,3 | M8 |

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# SIMPLE CHAIN SPROCKETS WITH HARDENED TEETH WITH HOLE + KEYWAY + SCREW HOLES

35

1

1/2" x 5/16" 08B-1

## CHAIN SPROCKETS

Sprockets tooth width  $B_1$  7,2 mm

## CHAIN

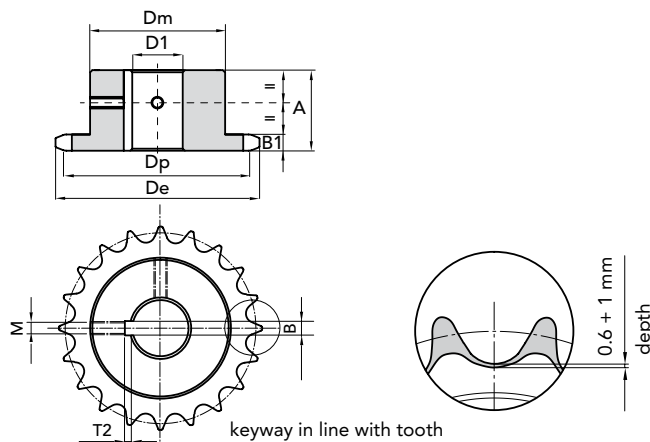
Pitch 12,7 mm

Inner width 7,75 mm

Roller Ø 8,51 mm

**KEYWAY DIN 6885 UNI 6604**

Hardened teeth HRC 45÷53



| Z  | P. NUMBER | d <sub>e</sub> | d <sub>p</sub> | dm | A  | ØD1 H7 | B H9 | T2  | M  |
|----|-----------|----------------|----------------|----|----|--------|------|-----|----|
| 19 | 16121919  | 82             | 77,16          | 60 | 28 | 19     | 6    | 2,8 | M5 |
|    | 16121920  |                |                |    |    | 20     | 6    | 2,8 | M5 |
|    | 16121922  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16121924  |                |                |    |    | 24     | 8    | 3,3 | M6 |
|    | 16121925  |                |                |    |    | 25     | 8    | 3,3 | M6 |
|    | 16121928  |                |                |    |    | 28     | 8    | 3,3 | M6 |
|    | 16121930  |                |                |    |    | 30     | 8    | 3,3 | M6 |
|    | 16121932  |                |                |    |    | 32     | 10   | 3,3 | M8 |
|    | 16121935  |                |                |    |    | 35     | 10   | 3,3 | M8 |
| 20 | 16122019  | 85,8           | 81,19          | 64 | 28 | 19     | 6    | 2,8 | M5 |
|    | 16122020  |                |                |    |    | 20     | 6    | 2,8 | M5 |
|    | 16122022  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16122024  |                |                |    |    | 24     | 8    | 3,3 | M6 |
|    | 16122025  |                |                |    |    | 25     | 8    | 3,3 | M6 |
|    | 16122028  |                |                |    |    | 28     | 8    | 3,3 | M6 |
|    | 16122030  |                |                |    |    | 30     | 8    | 3,3 | M6 |
|    | 16122032  |                |                |    |    | 32     | 10   | 3,3 | M8 |
|    | 16122035  |                |                |    |    | 35     | 10   | 3,3 | M8 |
| 21 | 16122119  | 90,1           | 85,22          | 68 | 28 | 19     | 6    | 2,8 | M5 |
|    | 16122120  |                |                |    |    | 20     | 6    | 2,8 | M5 |
|    | 16122122  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16122124  |                |                |    |    | 24     | 8    | 3,3 | M6 |
|    | 16122125  |                |                |    |    | 25     | 8    | 3,3 | M6 |
|    | 16122128  |                |                |    |    | 28     | 8    | 3,3 | M6 |
|    | 16122130  |                |                |    |    | 30     | 8    | 3,3 | M6 |
|    | 16122132  |                |                |    |    | 32     | 10   | 3,3 | M8 |
|    | 16122135  |                |                |    |    | 35     | 10   | 3,3 | M8 |
| 23 | 16122320  | 98,1           | 93,27          | 70 | 28 | 20     | 6    | 2,8 | M5 |
|    | 16122322  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16122324  |                |                |    |    | 24     | 8    | 3,3 | M6 |
|    | 16122325  |                |                |    |    | 25     | 8    | 3,3 | M6 |
|    | 16122328  |                |                |    |    | 28     | 8    | 3,3 | M6 |
|    | 16122330  |                |                |    |    | 30     | 8    | 3,3 | M6 |
|    | 16122332  |                |                |    |    | 32     | 10   | 3,3 | M8 |
|    | 16122335  |                |                |    |    | 35     | 10   | 3,3 | M8 |
|    | 16122338  |                |                |    |    | 38     | 10   | 3,3 | M8 |

| Z  | P. NUMBER | d <sub>e</sub> | d <sub>p</sub> | dm | A  | ØD1 H7 | B H9 | T2  | M  |
|----|-----------|----------------|----------------|----|----|--------|------|-----|----|
| 24 | 16122420  | 102,1          | 97,29          | 70 | 28 | 20     | 6    | 2,8 | M5 |
|    | 16122422  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16122424  |                |                |    |    | 24     | 8    | 3,3 | M6 |
|    | 16122425  |                |                |    |    | 25     | 8    | 3,3 | M6 |
|    | 16122428  |                |                |    |    | 28     | 8    | 3,3 | M6 |
|    | 16122430  |                |                |    |    | 30     | 8    | 3,3 | M6 |
|    | 16122432  |                |                |    |    | 32     | 8    | 3,3 | M8 |
|    | 16122435  |                |                |    |    | 35     | 10   | 3,3 | M8 |
|    | 16122438  |                |                |    |    | 38     | 10   | 3,3 | M8 |
| 25 | 16122520  | 105,8          | 101,33         | 70 | 28 | 20     | 6    | 2,8 | M5 |
|    | 16122522  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16122524  |                |                |    |    | 24     | 8    | 3,3 | M6 |
|    | 16122525  |                |                |    |    | 25     | 8    | 3,3 | M6 |
|    | 16122528  |                |                |    |    | 28     | 8    | 3,3 | M6 |
|    | 16122530  |                |                |    |    | 30     | 8    | 3,3 | M6 |
|    | 16122532  |                |                |    |    | 32     | 10   | 3,3 | M8 |
|    | 16122535  |                |                |    |    | 35     | 10   | 3,3 | M8 |
|    | 16122538  |                |                |    |    | 38     | 10   | 3,3 | M8 |
| 27 | 16122722  | 114            | 109,4          | 70 | 30 | 22     | 6    | 2,8 | M5 |
|    | 16122725  |                |                |    |    | 25     | 8    | 3,3 | M6 |
|    | 16122728  |                |                |    |    | 28     | 8    | 3,3 | M6 |
|    | 16122730  |                |                |    |    | 30     | 8    | 3,3 | M6 |
|    | 16122732  |                |                |    |    | 32     | 10   | 3,3 | M8 |
|    | 16122735  |                |                |    |    | 35     | 10   | 3,3 | M8 |
|    | 16122738  |                |                |    |    | 38     | 10   | 3,3 | M8 |
| 30 | 16123025  | 126            | 121,5          | 80 | 30 | 25     | 8    | 3,3 | M6 |
|    | 16123028  |                |                |    |    | 28     | 8    | 3,3 | M6 |
|    | 16123030  |                |                |    |    | 30     | 8    | 3,3 | M6 |
|    | 16123032  |                |                |    |    | 32     | 10   | 3,3 | M8 |
|    | 16123035  |                |                |    |    | 35     | 10   | 3,3 | M8 |
|    | 16123038  |                |                |    |    | 38     | 10   | 3,3 | M8 |

SIMPLE CHAIN SPROCKETS 1/2"x5/16" 08B-1 for roller chains in compliance with DIN 8187 - ISO/R

MATERIAL C 45 UNI 7845

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# SIMPLE CHAIN SPROCKETS WITH HARDENED TEETH WITH HOLE + KEYWAY + SCREW HOLES


**5/8" x 3/8" 10B-1**
**CHAIN SPROCKETS**

 Sprockets tooth width  $B_1$  9,1 mm

**CHAIN**

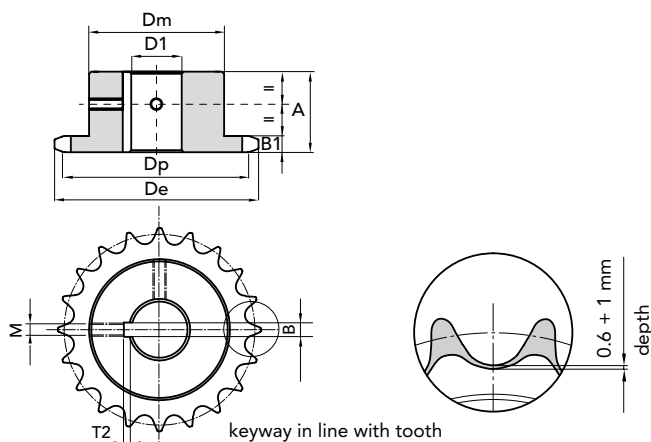
Pitch 15,875 mm

Inner width 9,65 mm

Roller Ø 10,16 mm

**KEYWAY DIN 6885 UNI 6604**

Hardened teeth HRC 45÷53



| Z  | P. NUMBER | d <sub>e</sub> | d <sub>p</sub> | dm | A  | ØD1 H7 | B H9 | T2  | M  |
|----|-----------|----------------|----------------|----|----|--------|------|-----|----|
| 12 | 16151216  | 68,2           | 61,34          | 42 | 30 | 16     | 5    | 2,3 | M4 |
|    | 16151219  |                |                |    |    | 19     | 6    | 2,8 | M5 |
|    | 16151220  |                |                |    |    | 20     | 6    | 2,8 | M5 |
|    | 16151222  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16151224  |                |                |    |    | 24     | 8    | 3,3 | M6 |
|    | 16151225  |                |                |    |    | 25     | 8    | 3,3 | M6 |
|    | 16151228  |                |                | 51 |    | 28     | 8    | 3,3 | M6 |
|    | 16151230  |                |                | 51 |    | 30     | 8    | 3,3 | M6 |
| 13 | 16151316  | 73,2           | 66,32          | 47 | 30 | 16     | 5    | 2,3 | M4 |
|    | 16151319  |                |                |    |    | 19     | 6    | 2,8 | M5 |
|    | 16151320  |                |                |    |    | 20     | 6    | 2,8 | M5 |
|    | 16151322  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16151324  |                |                |    |    | 24     | 8    | 3,3 | M6 |
|    | 16151325  |                |                |    |    | 25     | 8    | 3,3 | M6 |
|    | 16151328  |                |                |    |    | 28     | 8    | 3,3 | M6 |
|    | 16151330  |                |                |    |    | 30     | 8    | 3,3 | M6 |
| 14 | 16151416  | 78,2           | 71,34          | 52 | 30 | 16     | 5    | 2,3 | M4 |
|    | 16151419  |                |                |    |    | 19     | 6    | 2,8 | M5 |
|    | 16151420  |                |                |    |    | 20     | 6    | 2,8 | M5 |
|    | 16151422  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16151424  |                |                |    |    | 24     | 8    | 3,3 | M6 |
|    | 16151425  |                |                |    |    | 25     | 8    | 3,3 | M6 |
|    | 16151428  |                |                |    |    | 28     | 8    | 3,3 | M6 |
|    | 16151430  |                |                |    |    | 30     | 8    | 3,3 | M6 |
| 15 | 16151519  | 83,2           | 76,36          | 57 | 30 | 19     | 6    | 2,8 | M5 |
|    | 16151520  |                |                |    |    | 20     | 6    | 2,8 | M5 |
|    | 16151522  |                |                |    |    | 22     | 6    | 2,8 | M5 |
|    | 16151524  |                |                |    |    | 24     | 8    | 3,3 | M6 |
|    | 16151525  |                |                |    |    | 25     | 8    | 3,3 | M6 |
|    | 16151528  |                |                |    |    | 28     | 8    | 3,3 | M6 |
|    | 16151530  |                |                |    |    | 30     | 8    | 3,3 | M6 |
|    | 16151532  |                |                |    |    | 32     | 10   | 3,3 | M8 |
|    | 16151535  |                |                |    |    | 35     | 10   | 3,3 | M8 |

| Z  | P. NUMBER | d <sub>e</sub> | d <sub>p</sub> | dm | A  | ØD1 H7 | B H9 | T2  | M   |
|----|-----------|----------------|----------------|----|----|--------|------|-----|-----|
| 16 | 16151620  | 88             | 81,37          | 60 | 30 | 20     | 6    | 2,8 | M5  |
|    | 16151622  |                |                |    |    | 22     | 6    | 2,8 | M5  |
|    | 16151624  |                |                |    |    | 24     | 8    | 3,3 | M6  |
|    | 16151625  |                |                |    |    | 25     | 8    | 3,3 | M6  |
|    | 16151628  |                |                |    |    | 28     | 8    | 3,3 | M6  |
|    | 16151630  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16151632  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16151635  |                |                |    |    | 35     | 10   | 3,3 | M8  |
| 17 | 16151720  | 93,2           | 86,39          | 60 | 30 | 20     | 6    | 2,8 | M5  |
|    | 16151722  |                |                |    |    | 22     | 6    | 2,8 | M5  |
|    | 16151724  |                |                |    |    | 24     | 8    | 3,3 | M6  |
|    | 16151725  |                |                |    |    | 25     | 8    | 3,3 | M6  |
|    | 16151728  |                |                |    |    | 28     | 8    | 3,3 | M6  |
|    | 16151730  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16151732  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16151735  |                |                |    |    | 35     | 10   | 3,3 | M8  |
| 18 | 16151820  | 98,3           | 91,42          | 70 | 30 | 20     | 6    | 2,8 | M5  |
|    | 16151822  |                |                |    |    | 22     | 6    | 2,8 | M5  |
|    | 16151824  |                |                |    |    | 24     | 8    | 3,3 | M6  |
|    | 16151825  |                |                |    |    | 25     | 8    | 3,3 | M6  |
|    | 16151828  |                |                |    |    | 28     | 8    | 3,3 | M6  |
|    | 16151830  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16151832  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16151835  |                |                |    |    | 35     | 10   | 3,3 | M8  |
|    | 16151838  |                |                |    |    | 38     | 10   | 3,3 | M8  |
|    | 16151840  |                |                |    |    | 40     | 12   | 3,3 | M10 |
| 19 | 16151920  | 103,3          | 96,45          | 70 | 30 | 20     | 6    | 2,8 | M5  |
|    | 16151922  |                |                |    |    | 22     | 6    | 2,8 | M5  |
|    | 16151924  |                |                |    |    | 24     | 8    | 3,3 | M6  |
|    | 16151925  |                |                |    |    | 25     | 8    | 3,3 | M6  |
|    | 16151928  |                |                |    |    | 28     | 8    | 3,3 | M6  |
|    | 16151930  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16151932  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16151935  |                |                |    |    | 35     | 10   | 3,3 | M8  |
|    | 16151938  |                |                |    |    | 38     | 10   | 3,3 | M8  |
|    | 16151940  |                |                |    |    | 40     | 12   | 3,3 | M10 |

 MATERIAL **C 45 UNI 7845**

 CAD drawings available on our site  
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 Quantity, availability and prices  
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# SIMPLE CHAIN SPROCKETS WITH HARDENED TEETH WITH HOLE + KEYWAY + SCREW HOLES

37

1

**5/8" x 3/8" 10B-1**

## CHAIN SPROCKETS

 Sprockets tooth width  $B_1$  9,1 mm

## CHAIN

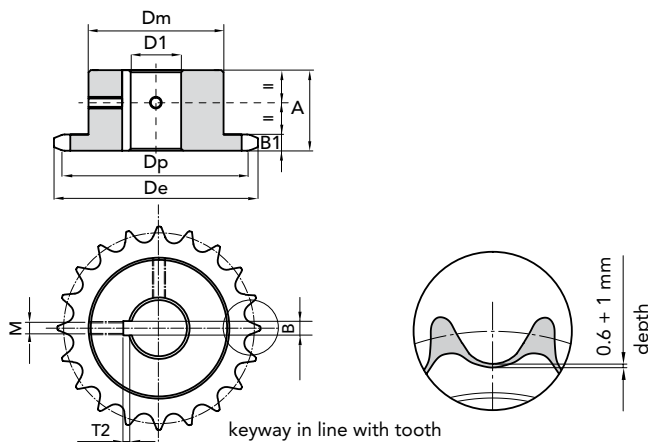
Pitch 15,875 mm

Inner width 9,65 mm

Roller Ø 10,16 mm

**KEYWAY DIN 6885 UNI 6604**

Hardened teeth HRC 45÷53



| Z  | P. NUMBER | d <sub>e</sub> | d <sub>p</sub> | dm | A  | ØD1 H7 | B H9 | T2  | M   |
|----|-----------|----------------|----------------|----|----|--------|------|-----|-----|
| 20 | 16152020  | 108,4          | 101,49         | 75 | 30 | 20     | 6    | 2,8 | M5  |
|    | 16152022  |                |                |    |    | 22     | 6    | 2,8 | M5  |
|    | 16152024  |                |                |    |    | 24     | 8    | 3,3 | M6  |
|    | 16152025  |                |                |    |    | 25     | 8    | 3,3 | M6  |
|    | 16152028  |                |                |    |    | 28     | 8    | 3,3 | M6  |
|    | 16152030  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16152032  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16152035  |                |                |    |    | 35     | 10   | 3,3 | M8  |
|    | 16152038  |                |                |    |    | 38     | 10   | 3,3 | M8  |
|    | 16152040  |                |                |    |    | 40     | 12   | 3,3 | M10 |
| 21 | 16152120  | 113,4          | 106,52         | 75 | 30 | 20     | 6    | 2,8 | M5  |
|    | 16152122  |                |                |    |    | 22     | 6    | 2,8 | M5  |
|    | 16152124  |                |                |    |    | 24     | 8    | 3,3 | M6  |
|    | 16152125  |                |                |    |    | 25     | 8    | 3,3 | M6  |
|    | 16152128  |                |                |    |    | 28     | 8    | 3,3 | M6  |
|    | 16152130  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16152132  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16152135  |                |                |    |    | 35     | 10   | 3,3 | M8  |
|    | 16152138  |                |                |    |    | 38     | 10   | 3,3 | M8  |
|    | 16152140  |                |                |    |    | 40     | 12   | 3,3 | M10 |
| 23 | 16152320  | 123,4          | 116,58         | 80 | 30 | 20     | 6    | 2,8 | M5  |
|    | 16152322  |                |                |    |    | 22     | 6    | 2,8 | M5  |
|    | 16152324  |                |                |    |    | 24     | 8    | 3,3 | M6  |
|    | 16152325  |                |                |    |    | 25     | 8    | 3,3 | M6  |
|    | 16152328  |                |                |    |    | 28     | 8    | 3,3 | M6  |
|    | 16152330  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16152332  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16152335  |                |                |    |    | 35     | 10   | 3,3 | M8  |
|    | 16152338  |                |                |    |    | 38     | 10   | 3,3 | M8  |
|    | 16152340  |                |                |    |    | 40     | 12   | 3,3 | M10 |
|    | 16152342  |                |                |    |    | 42     | 12   | 3,3 | M10 |

| Z  | P. NUMBER | d <sub>e</sub> | d <sub>p</sub> | dm | A  | ØD1 H7 | B H9 | T2  | M   |
|----|-----------|----------------|----------------|----|----|--------|------|-----|-----|
| 24 | 16152420  | 128,5          | 121,62         | 80 | 30 | 20     | 6    | 2,8 | M5  |
|    | 16152422  |                |                |    |    | 22     | 6    | 2,8 | M5  |
|    | 16152424  |                |                |    |    | 24     | 8    | 3,3 | M6  |
|    | 16152425  |                |                |    |    | 25     | 8    | 3,3 | M6  |
|    | 16152428  |                |                |    |    | 28     | 8    | 3,3 | M6  |
|    | 16152430  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16152432  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16152435  |                |                |    |    | 35     | 10   | 3,3 | M8  |
|    | 16152438  |                |                |    |    | 38     | 10   | 3,3 | M8  |
|    | 16152440  |                |                |    |    | 40     | 12   | 3,3 | M10 |
|    | 16152442  |                |                |    |    | 42     | 12   | 3,3 | M10 |
| 25 | 16152522  | 133,5          | 126,66         | 80 | 30 | 22     | 6    | 2,8 | M5  |
|    | 16152524  |                |                |    |    | 24     | 8    | 3,3 | M6  |
|    | 16152525  |                |                |    |    | 25     | 8    | 3,3 | M6  |
|    | 16152528  |                |                |    |    | 28     | 8    | 3,3 | M6  |
|    | 16152530  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16152532  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16152535  |                |                |    |    | 35     | 10   | 3,3 | M8  |
|    | 16152538  |                |                |    |    | 38     | 10   | 3,3 | M8  |
|    | 16152540  |                |                |    |    | 40     | 12   | 3,3 | M10 |
|    | 16152542  |                |                |    |    | 42     | 12   | 3,3 | M10 |

MATERIAL C 45 UNI 7845

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 Quantity, availability and prices  
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SIMPLE CHAIN SPROCKETS 5/8"x3/8" 10B-1 for roller chains in compliance with DIN 8187 - ISO/R 606

# SIMPLE CHAIN SPROCKETS WITH HARDENED TEETH WITH HOLE + KEYWAY + SCREW HOLES


**3/4" x 7/16" 12B-1**
**CHAIN SPROCKETS**

 Sprockets tooth width  $B_1$  11,1 mm

**CHAIN**

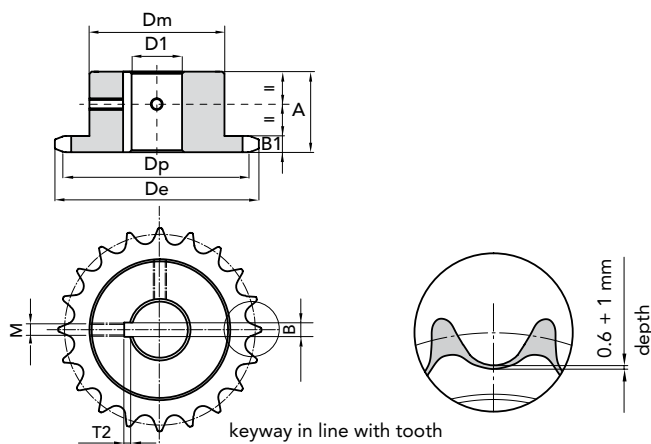
Pitch 19,05 mm

Inner width 11,68 mm

Roller Ø 12,07 mm

**KEYWAY DIN 6885 UNI 6604**

Hardened teeth HRC 45÷53



| Z  | P. NUMBER | d <sub>e</sub> | d <sub>p</sub> | dm | A  | ØD1 H7 | B H9 | T2  | M   |
|----|-----------|----------------|----------------|----|----|--------|------|-----|-----|
| 12 | 16191220  | 81,8           | 73,6           | 52 | 35 | 20     | 6    | 2,8 | M5  |
|    | 16191222  |                |                |    |    | 22     | 6    | 2,8 | M5  |
|    | 16191224  |                |                |    |    | 24     | 8    | 3,3 | M6  |
|    | 16191225  |                |                |    |    | 25     | 8    | 3,3 | M6  |
|    | 16191228  |                |                |    |    | 28     | 8    | 3,3 | M6  |
|    | 16191230  |                |                |    |    | 30     | 8    | 3,3 | M6  |
| 13 | 16191320  | 87,1           | 79,6           | 58 | 35 | 20     | 6    | 2,8 | M5  |
|    | 16191322  |                |                |    |    | 22     | 6    | 2,8 | M5  |
|    | 16191324  |                |                |    |    | 24     | 8    | 3,3 | M6  |
|    | 16191325  |                |                |    |    | 25     | 8    | 3,3 | M6  |
|    | 16191328  |                |                |    |    | 28     | 8    | 3,3 | M6  |
|    | 16191330  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16191332  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16191335  |                |                |    |    | 35     | 10   | 3,3 | M8  |
| 14 | 16191420  | 93,8           | 85,61          | 64 | 35 | 20     | 6    | 2,8 | M5  |
|    | 16191422  |                |                |    |    | 22     | 6    | 2,8 | M5  |
|    | 16191424  |                |                |    |    | 24     | 8    | 3,3 | M6  |
|    | 16191425  |                |                |    |    | 25     | 8    | 3,3 | M6  |
|    | 16191428  |                |                |    |    | 28     | 8    | 3,3 | M6  |
|    | 16191430  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16191432  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16191435  |                |                |    |    | 35     | 10   | 3,3 | M8  |
| 15 | 16191520  | 99,2           | 91,63          | 70 | 35 | 20     | 6    | 2,8 | M5  |
|    | 16191522  |                |                |    |    | 22     | 6    | 2,8 | M5  |
|    | 16191524  |                |                |    |    | 24     | 8    | 3,3 | M6  |
|    | 16191525  |                |                |    |    | 25     | 8    | 3,3 | M6  |
|    | 16191528  |                |                |    |    | 28     | 8    | 3,3 | M6  |
|    | 16191530  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16191532  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16191535  |                |                |    |    | 35     | 10   | 3,3 | M8  |
|    | 16191538  |                |                |    |    | 38     | 10   | 3,3 | M8  |
|    | 16191540  |                |                |    |    | 40     | 12   | 3,3 | M10 |

| Z  | P. NUMBER | d <sub>e</sub> | d <sub>p</sub> | dm | A  | ØD1 H7 | B H9 | T2  | M   |
|----|-----------|----------------|----------------|----|----|--------|------|-----|-----|
| 16 | 16191620  | 105,5          | 97,65          | 75 | 35 | 20     | 6    | 2,8 | M5  |
|    | 16191622  |                |                |    |    | 22     | 6    | 2,8 | M5  |
|    | 16191624  |                |                |    |    | 24     | 8    | 3,3 | M6  |
|    | 16191625  |                |                |    |    | 25     | 8    | 3,3 | M6  |
|    | 16191628  |                |                |    |    | 28     | 8    | 3,3 | M6  |
|    | 16191630  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16191632  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16191635  |                |                |    |    | 35     | 10   | 3,3 | M8  |
|    | 16191638  |                |                |    |    | 38     | 10   | 3,3 | M8  |
|    | 16191640  |                |                |    |    | 40     | 12   | 3,3 | M10 |
| 17 | 16191722  | 111,2          | 103,67         | 80 | 35 | 22     | 6    | 2,8 | M5  |
|    | 16191725  |                |                |    |    | 25     | 8    | 3,3 | M6  |
|    | 16191728  |                |                |    |    | 28     | 8    | 3,3 | M6  |
|    | 16191730  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16191732  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16191735  |                |                |    |    | 35     | 10   | 3,3 | M8  |
|    | 16191738  |                |                |    |    | 38     | 10   | 3,3 | M8  |
|    | 16191740  |                |                |    |    | 40     | 12   | 3,3 | M10 |
| 18 | 16191822  | 118            | 109,71         | 80 | 35 | 22     | 6    | 2,8 | M5  |
|    | 16191825  |                |                |    |    | 25     | 8    | 3,3 | M6  |
|    | 16191828  |                |                |    |    | 28     | 8    | 3,3 | M6  |
|    | 16191830  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16191832  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16191835  |                |                |    |    | 35     | 10   | 3,3 | M8  |
|    | 16191838  |                |                |    |    | 38     | 10   | 3,3 | M8  |
|    | 16191840  |                |                |    |    | 40     | 12   | 3,3 | M10 |
| 19 | 16191925  | 123,3          | 115,75         | 80 | 35 | 25     | 8    | 3,3 | M6  |
|    | 16191928  |                |                |    |    | 28     | 8    | 3,3 | M6  |
|    | 16191930  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16191932  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16191935  |                |                |    |    | 35     | 10   | 3,3 | M8  |
|    | 16191938  |                |                |    |    | 38     | 10   | 3,3 | M8  |
|    | 16191940  |                |                |    |    | 40     | 12   | 3,3 | M10 |
|    | 16191942  |                |                |    |    | 42     | 12   | 3,3 | M10 |
|    | 16191945  |                |                |    |    | 45     | 14   | 3,8 | M12 |

MATERIAL C 45 UNI 7845

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# SIMPLE CHAIN SPROCKETS WITH HARDENED TEETH WITH HOLE + KEYWAY + SCREW HOLES

39

1

**3/4" x 7/16" 12B-1**

## CHAIN SPROCKETS

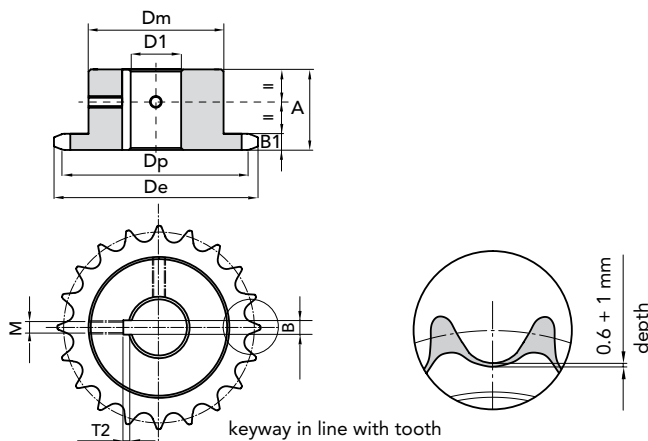
 Sprockets tooth width  $B_1$  11,1 mm

## CHAIN

 Pitch 19,05 mm  
 Inner width 11,68 mm  
 Roller Ø 12,07 mm

## KEYWAY DIN 6885 UNI 6604

Hardened teeth HRC 45÷53



| Z  | P. NUMBER | d <sub>e</sub> | d <sub>p</sub> | dm | A  | ØD1 H7 | B H9 | T2  | M   |
|----|-----------|----------------|----------------|----|----|--------|------|-----|-----|
| 20 | 16192025  | 129,7          | 121,78         | 80 | 35 | 25     | 8    | 3,3 | M6  |
|    | 16192028  |                |                |    |    | 28     | 8    | 3,3 | M6  |
|    | 16192030  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16192032  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16192035  |                |                |    |    | 35     | 10   | 3,3 | M8  |
|    | 161920a38 |                |                |    |    | 38     | 10   | 3,3 | M8  |
|    | 16192040  |                |                |    |    | 40     | 12   | 3,3 | M10 |
|    | 16192042  |                |                |    |    | 42     | 12   | 3,3 | M10 |
|    | 16192045  |                |                |    |    | 45     | 14   | 3,8 | M12 |
| 21 | 16192128  | 135,4          | 127,82         | 90 | 40 | 28     | 8    | 3,3 | M6  |
|    | 16192130  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16192132  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16192135  |                |                |    |    | 35     | 10   | 3,3 | M8  |
|    | 16192138  |                |                |    |    | 38     | 10   | 3,3 | M8  |
|    | 16192140  |                |                |    |    | 40     | 12   | 3,3 | M10 |
|    | 16192142  |                |                |    |    | 42     | 12   | 3,3 | M10 |
|    | 16192145  |                |                |    |    | 45     | 14   | 3,8 | M12 |
|    | 16192148  |                |                |    |    | 48     | 14   | 3,8 | M12 |
|    | 16192150  |                |                |    |    | 50     | 14   | 3,8 | M12 |
| 23 | 16192328  | 147,4          | 139,9          | 90 | 40 | 28     | 8    | 3,3 | M6  |
|    | 16192330  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16192332  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16192335  |                |                |    |    | 35     | 10   | 3,3 | M8  |
|    | 16192338  |                |                |    |    | 38     | 10   | 3,3 | M8  |
|    | 16192340  |                |                |    |    | 40     | 12   | 3,3 | M10 |
|    | 16192342  |                |                |    |    | 42     | 12   | 3,3 | M10 |
|    | 16192345  |                |                |    |    | 45     | 14   | 3,8 | M12 |
|    | 16192348  |                |                |    |    | 48     | 14   | 3,8 | M12 |
|    | 16192350  |                |                |    |    | 50     | 14   | 3,8 | M12 |

| Z  | P. NUMBER | d <sub>e</sub> | d <sub>p</sub> | dm | A  | ØD1 H7 | B H9 | T2  | M   |
|----|-----------|----------------|----------------|----|----|--------|------|-----|-----|
| 24 | 16192428  | 154,1          | 145,94         | 90 | 40 | 28     | 8    | 3,3 | M6  |
|    | 16192430  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16192432  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16192435  |                |                |    |    | 35     | 10   | 3,3 | M8  |
|    | 16192438  |                |                |    |    | 38     | 10   | 3,3 | M8  |
|    | 16192440  |                |                |    |    | 40     | 12   | 3,3 | M10 |
|    | 16192442  |                |                |    |    | 42     | 12   | 3,3 | M10 |
|    | 16192445  |                |                |    |    | 45     | 14   | 3,8 | M12 |
|    | 16192448  |                |                |    |    | 48     | 14   | 3,8 | M12 |
|    | 16192450  |                |                |    |    | 50     | 14   | 3,8 | M12 |
| 25 | 16192528  | 159,5          | 152            | 90 | 40 | 28     | 8    | 3,3 | M6  |
|    | 16192530  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16192532  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16192535  |                |                |    |    | 35     | 10   | 3,3 | M8  |
|    | 16192538  |                |                |    |    | 38     | 10   | 3,3 | M8  |
|    | 16192540  |                |                |    |    | 40     | 12   | 3,3 | M10 |
|    | 16192542  |                |                |    |    | 42     | 12   | 3,3 | M10 |
|    | 16192545  |                |                |    |    | 45     | 14   | 3,8 | M12 |
|    | 16192548  |                |                |    |    | 48     | 14   | 3,8 | M12 |
|    | 16192550  |                |                |    |    | 50     | 14   | 3,8 | M12 |

MATERIAL C 45 UNI 7845

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 Quantity, availability and prices  
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SIMPLE CHAIN SPROCKETS 3/4"x7/16" 12B-1 for roller chains in compliance with DIN 8187 - ISO/R

# SIMPLE CHAIN SPROCKETS WITH HARDENED TEETH WITH HOLE + KEYWAY + SCREW HOLES


**1" x 17.02 16B-1**
**CHAIN SPROCKETS**

 Sprockets tooth width  $B_1$  16,2 mm

**CHAIN**

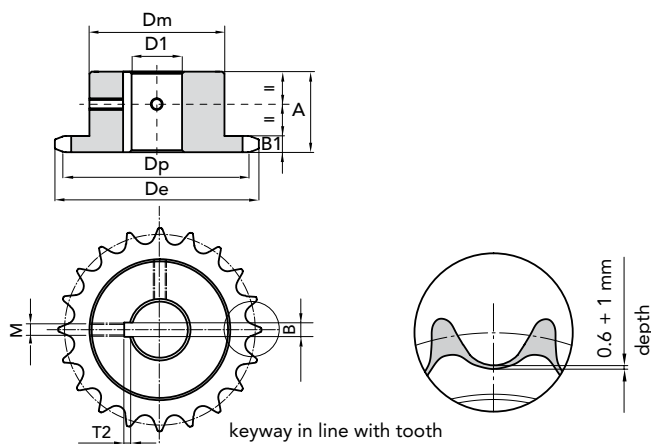
Pitch 25,4 mm

Inner width 17,02 mm

Roller Ø 15,88 mm

**KEYWAY DIN 6885 UNI 6604**

Hardened teeth HRC 45÷53



| Z  | P. NUMBER | d <sub>e</sub> | d <sub>p</sub> | dm | A  | ØD1 H7 | B H9 | T2  | M   |
|----|-----------|----------------|----------------|----|----|--------|------|-----|-----|
| 12 | 16251225  | 109,71         | 98,14          | 69 | 40 | 25     | 8    | 3,3 | M6  |
|    | 16251228  |                |                |    |    | 28     | 8    | 3,3 | M6  |
|    | 16251230  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16251232  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16251235  |                |                |    |    | 35     | 10   | 3,3 | M8  |
|    | 16251238  |                |                |    |    | 38     | 10   | 3,3 | M8  |
|    | 16251240  |                |                |    |    | 40     | 12   | 3,3 | M10 |
| 13 | 16251325  | 117,2          | 106,14         | 78 | 40 | 25     | 8    | 3,3 | M6  |
|    | 16251328  |                |                |    |    | 28     | 8    | 3,3 | M6  |
|    | 16251330  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16251332  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16251335  |                |                |    |    | 35     | 10   | 3,3 | M8  |
|    | 16251338  |                |                |    |    | 38     | 10   | 3,3 | M8  |
|    | 16251340  |                |                |    |    | 40     | 12   | 3,3 | M10 |
|    | 16251342  |                |                |    |    | 42     |      |     |     |
|    | 16251345  |                |                |    |    | 45     |      |     |     |
| 14 | 16251425  | 125,7          | 114,15         | 84 | 40 | 25     | 8    | 3,3 | M6  |
|    | 16251428  |                |                |    |    | 28     | 8    | 3,3 | M6  |
|    | 16251430  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16251432  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16251435  |                |                |    |    | 35     | 10   | 3,3 | M8  |
|    | 16251438  |                |                |    |    | 38     | 10   | 3,3 | M8  |
|    | 16251440  |                |                |    |    | 40     | 12   | 3,3 | M10 |
|    | 16251442  |                |                |    |    | 42     | 12   | 3,3 | M10 |
|    | 16251445  |                |                |    |    | 45     | 14   | 3,8 | M12 |
|    | 16251448  |                |                |    |    | 48     | 14   | 3,8 | M12 |
|    | 16251450  |                |                |    |    | 50     | 14   | 3,8 | M12 |
| 15 | 16251528  | 133,3          | 122,17         | 92 | 40 | 28     | 8    | 3,3 | M6  |
|    | 16251530  |                |                |    |    | 30     | 8    | 3,3 | M6  |
|    | 16251532  |                |                |    |    | 32     | 10   | 3,3 | M8  |
|    | 16251535  |                |                |    |    | 35     | 10   | 3,3 | M8  |
|    | 16251538  |                |                |    |    | 38     | 10   | 3,3 | M8  |
|    | 16251540  |                |                |    |    | 40     | 12   | 3,3 | M10 |
|    | 16251542  |                |                |    |    | 42     | 12   | 3,3 | M10 |
|    | 16251545  |                |                |    |    | 45     | 14   | 3,8 | M12 |
|    | 16251548  |                |                |    |    | 48     | 14   | 3,8 | M12 |
|    | 16251550  |                |                |    |    | 50     | 14   | 3,8 | M12 |

| Z  | P. NUMBER | d <sub>e</sub> | d <sub>p</sub> | dm  | A  | ØD1 H7 | B H9 | T2  | M   |
|----|-----------|----------------|----------------|-----|----|--------|------|-----|-----|
| 16 | 16251630  | 141            | 130,2          | 100 | 45 | 30     | 8    | 3,3 | M6  |
|    | 16251632  |                |                |     |    | 32     | 10   | 3,3 | M8  |
|    | 16251635  |                |                |     |    | 35     | 10   | 3,3 | M8  |
|    | 16251638  |                |                |     |    | 38     | 10   | 3,3 | M8  |
|    | 16251640  |                |                |     |    | 40     | 12   | 3,3 | M10 |
|    | 16251642  |                |                |     |    | 42     | 12   | 3,3 | M10 |
|    | 16251645  |                |                |     |    | 45     | 14   | 3,8 | M12 |
|    | 16251648  |                |                |     |    | 48     | 14   | 3,8 | M12 |
|    | 16251650  |                |                |     |    | 50     | 14   | 3,8 | M12 |
| 17 | 16251730  | 149,4          | 138,22         | 100 | 45 | 30     | 8    | 3,3 | M6  |
|    | 16251732  |                |                |     |    | 32     | 10   | 3,3 | M8  |
|    | 16251735  |                |                |     |    | 35     | 10   | 3,3 | M8  |
|    | 16251738  |                |                |     |    | 38     | 10   | 3,3 | M8  |
|    | 16251740  |                |                |     |    | 40     | 12   | 3,3 | M10 |
|    | 16251742  |                |                |     |    | 42     | 12   | 3,3 | M10 |
|    | 16251745  |                |                |     |    | 45     | 14   | 3,8 | M12 |
|    | 16251748  |                |                |     |    | 48     | 14   | 3,8 | M12 |
|    | 16251750  |                |                |     |    | 50     | 14   | 3,8 | M12 |
| 18 | 16251830  | 157            | 146,28         | 100 | 45 | 30     | 8    | 3,3 | M6  |
|    | 16251832  |                |                |     |    | 32     | 10   | 3,3 | M8  |
|    | 16251835  |                |                |     |    | 35     | 10   | 3,3 | M8  |
|    | 16251838  |                |                |     |    | 38     | 10   | 3,3 | M8  |
|    | 16251840  |                |                |     |    | 40     | 12   | 3,3 | M10 |
|    | 16251842  |                |                |     |    | 42     | 12   | 3,3 | M10 |
|    | 16251845  |                |                |     |    | 45     | 14   | 3,8 | M12 |
|    | 16251848  |                |                |     |    | 48     | 14   | 3,8 | M12 |
|    | 16251850  |                |                |     |    | 50     | 14   | 3,8 | M12 |
| 19 | 16251930  | 165,5          | 154,33         | 100 | 45 | 30     | 8    | 3,3 | M6  |
|    | 16251932  |                |                |     |    | 32     | 10   | 3,3 | M8  |
|    | 16251935  |                |                |     |    | 35     | 10   | 3,3 | M8  |
|    | 16251938  |                |                |     |    | 38     | 10   | 3,3 | M8  |
|    | 16251940  |                |                |     |    | 40     | 12   | 3,3 | M10 |
|    | 16251942  |                |                |     |    | 45     | 12   | 3,3 | M10 |
|    | 16251945  |                |                |     |    | 45     | 14   | 3,8 | M12 |
|    | 16251948  |                |                |     |    | 48     | 14   | 3,8 | M12 |
|    | 16251950  |                |                |     |    | 50     | 14   | 3,8 | M12 |

 MATERIAL **C 45 UNI 7845**

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 Quantity, availability and prices  
 on B2B Chiaravalli




# SIMPLE CHAIN SPROCKETS WITH HARDENED TEETH WITH HOLE + KEYWAY + SCREW HOLES

41

1

1" x 17.02 16B-1

## CHAIN SPROCKETS

Sprockets tooth width  $B_1$  16,2 mm

## CHAIN

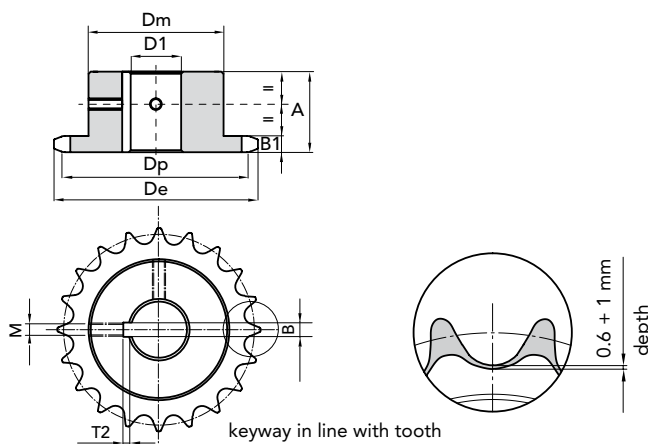
Pitch 25,4 mm

Inner width 17,02 mm

Roller Ø 15,88 mm

## KEYWAY DIN 6885 UNI 6604

Hardened teeth HRC 45÷53



| Z  | P. NUMBER | d <sub>e</sub> | d <sub>p</sub> | d <sub>m</sub> | A  | ØD1 H7 | B H9 | T2  | M   |
|----|-----------|----------------|----------------|----------------|----|--------|------|-----|-----|
| 20 | 16252030  | 173,2          | 162,38         | 100            | 45 | 30     | 8    | 3,3 | M6  |
|    | 16252032  |                |                |                |    | 32     | 10   | 3,3 | M8  |
|    | 16252035  |                |                |                |    | 35     | 10   | 3,3 | M8  |
|    | 16252038  |                |                |                |    | 38     | 10   | 3,3 | M8  |
|    | 16252040  |                |                |                |    | 40     | 12   | 3,3 | M10 |
|    | 16252042  |                |                |                |    | 42     | 12   | 3,3 | M10 |
|    | 16252045  |                |                |                |    | 45     | 14   | 3,8 | M12 |
|    | 16252048  |                |                |                |    | 48     | 14   | 3,8 | M12 |
|    | 16252050  |                |                |                |    | 50     | 14   | 3,8 | M12 |
| 21 | 16252130  | 181,6          | 170,43         | 110            | 50 | 30     | 8    | 3,3 | M6  |
|    | 16252132  |                |                |                |    | 32     | 10   | 3,3 | M8  |
|    | 16252135  |                |                |                |    | 35     | 10   | 3,3 | M8  |
|    | 16252138  |                |                |                |    | 38     | 10   | 3,3 | M8  |
|    | 16252140  |                |                |                |    | 40     | 12   | 3,3 | M10 |
|    | 16252142  |                |                |                |    | 42     | 12   | 3,3 | M10 |
|    | 16252145  |                |                |                |    | 45     | 14   | 3,8 | M12 |
|    | 16252148  |                |                |                |    | 48     | 14   | 3,8 | M12 |
|    | 16252150  |                |                |                |    | 50     | 14   | 3,8 | M12 |
| 23 | 16252330  | 198,1          | 186,1          | 110            | 50 | 30     | 8    | 3,3 | M6  |
|    | 16252332  |                |                |                |    | 32     | 10   | 3,3 | M8  |
|    | 16252335  |                |                |                |    | 35     | 10   | 3,3 | M8  |
|    | 16252338  |                |                |                |    | 38     | 10   | 3,3 | M8  |
|    | 16252340  |                |                |                |    | 40     | 12   | 3,3 | M10 |
|    | 16252342  |                |                |                |    | 42     | 12   | 3,3 | M10 |
|    | 16252345  |                |                |                |    | 45     | 14   | 3,8 | M12 |
|    | 16252348  |                |                |                |    | 48     | 14   | 3,8 | M12 |
|    | 16252350  |                |                |                |    | 50     | 14   | 3,8 | M12 |
| 25 | 16252530  | 214,2          | 202,66         | 110            | 50 | 30     | 8    | 3,3 | M6  |
|    | 16252532  |                |                |                |    | 32     | 10   | 3,3 | M8  |
|    | 16252535  |                |                |                |    | 35     | 10   | 3,3 | M8  |
|    | 16252538  |                |                |                |    | 38     | 10   | 3,3 | M8  |
|    | 16252540  |                |                |                |    | 40     | 12   | 3,3 | M10 |
|    | 16252542  |                |                |                |    | 42     | 12   | 3,3 | M10 |
|    | 16252545  |                |                |                |    | 45     | 14   | 3,8 | M12 |
|    | 16252548  |                |                |                |    | 48     | 14   | 3,8 | M12 |
|    | 16252550  |                |                |                |    | 50     | 14   | 3,8 | M12 |

MATERIAL C 45 UNI 7845

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Quantity, availability and prices  
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SIMPLE CHAIN SPROCKETS 1"x17.02 16B-1 for roller chains in compliance with DIN 8187 - ISO/R 606

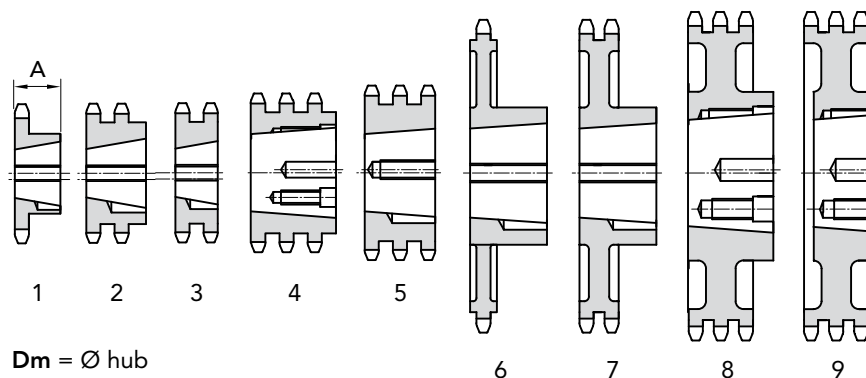


MATERIAL **STEEL**  
**C 45 UNI 5007**

**AVAILABLE ALSO  
WITH INDUCTION  
HARDENED TEETH**

MATERIAL **IN CAST IRON**  
**GG20 UNI 5007**

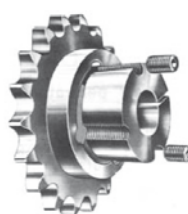
Hardened teeth HRC 45÷53



## SIMPLES

## DOUBLE

| PITCH                          | STEEL     | HARDENED  | COD.    | Z     | for  | Exec. | Dm   | A  | Kg   | P. NUMBER | COD.    | Z     | for  | Exec. | Dm   | A  | Kg   |
|--------------------------------|-----------|-----------|---------|-------|------|-------|------|----|------|-----------|---------|-------|------|-------|------|----|------|
|                                | P. NUMBER | P. NUMBER | PITCH   | taper | bush | Type  | hub  |    |      |           | PITCH   | taper | bush | Type  | hub  |    |      |
| <b>3/8"</b><br><b>9,52 mm</b>  | 17109017  | 18109017  | 031-17  | 17    | 1008 | 1     | 44,5 | 22 | 0,11 | 17209017  | 032-17  | 17    | 1008 | 2     | 42,5 | 22 | 0,11 |
|                                | 17109018  | -         | 031-18  | 18    | 1008 | 1     | 43   | 22 | 0,14 | 17209018  | 032-18  | 18    | 1008 | 2     | 43   | 22 | 0,15 |
|                                | 17109019  | 18109019  | 031-19  | 19    | 1008 | 1     | 46   | 22 | 0,15 | 17209019  | 032-19  | 19    | 1008 | 2     | 46   | 22 | 0,18 |
|                                | 17109020  | -         | 031-20  | 20    | 1008 | 1     | 46   | 22 | 0,16 | 17209020  | 032-20  | 20    | 1008 | 2     | 48   | 22 | 0,22 |
|                                | 17109021  | 18109022  | 031-21  | 21    | 1008 | 1     | 46   | 22 | 0,18 | 17209021  | 032-21  | 21    | 1008 | 2     | 49   | 22 | 0,16 |
|                                | 17109022  | -         | 031-22  | 22    | 1108 | 1     | 50   | 22 | 0,25 | 17209022  | 032-22  | 22    | 1108 | 2     | 52   | 22 | 0,28 |
|                                | 17109023  | 18109023  | 031-23  | 23    | 1210 | 1     | 62   | 25 | 0,27 | 17209023  | 032-23  | 23    | 1210 | 2     | 58   | 25 | 0,27 |
|                                | 17109024  | -         | 031-24  | 24    | 1210 | 1     | 62   | 25 | 0,30 | 17209024  | 032-24  | 24    | 1210 | 2     | 61   | 25 | 0,32 |
|                                | 17109025  | 18109025  | 031-25  | 25    | 1210 | 1     | 63   | 25 | 0,32 | 17209025  | 032-25  | 25    | 1210 | 2     | 64   | 25 | 0,37 |
|                                | 17109026  | -         | 031-26  | 26    | 1210 | 1     | 60   | 25 | 0,33 | 17209026  | 032-26  | 26    | 1210 | 2     | 65   | 25 | 0,44 |
|                                | 17109027  | 18109027  | 031-27  | 27    | 1210 | 1     | 60   | 25 | 0,34 | 17209027  | 032-27  | 27    | 1210 | 2     | 65   | 25 | 0,50 |
|                                | 17109028  | -         | 031-28  | 28    | 1210 | 1     | 60   | 25 | 0,37 | 17209028  | 032-28  | 28    | 1210 | 2     | 65   | 25 | 0,57 |
|                                | 17109030  | 18109030  | 031-30  | 30    | 1210 | 1     | 63   | 25 | 0,39 | 17209030  | 032-30  | 30    | 1210 | 2     | 65   | 25 | 0,68 |
|                                | 17109038  | -         | 031-38  | 38    | 1210 | 1     | 73   | 25 | 0,65 | 17209038  | 032-38  | 38    | 1610 | 2     | 76   | 25 | 1,03 |
|                                | 17109045  | -         | 031-45  | 45    | 1210 | 1     | 73   | 25 | 1,01 | 17209045  | 032-45  | 45    | 1610 | 2     | 89   | 25 | 1,08 |
|                                | 17109057  | -         | 031-57  | 57    | 1210 | 6     | 83   | 25 | 1,34 | 17209057  | 032-57  | 57    | 1610 | 7     | 89   | 25 | 1,16 |
|                                | 17109076  | -         | 031-76  | 76    | 1210 | 6     | 83   | 25 | 1,84 | 17209076  | 032-76  | 76    | 1610 | 7     | 89   | 25 | 2,19 |
|                                | 17109095  | -         | 031-95  | 95    | 1210 | 6     | 83   | 25 | 2,30 | 17209095  | 032-95  | 95    | 1610 | 7     | 89   | 25 | 3,00 |
|                                | 17109114  | -         | 031-114 | 114   | 1215 | 6     | 83   | 38 | 3,50 | 17209114  | 032-114 | 114   | 1615 | 7     | 89   | 38 | 5,00 |
| <b>1/2"</b><br><b>12,70 mm</b> | 17112015  | 18112015  | 041-15  | 15    | 1008 | 1     | 46   | 22 | 0,16 | 17212015  | 042-15  | 15    | 1008 | 2     | 46   | 22 | 0,22 |
|                                | 17112016  | -         | 041-16  | 16    | 1108 | 1     | 50   | 22 | 0,20 | 17212016  | 042-16  | 16    | 1108 | 2     | 50   | 22 | 0,22 |
|                                | 17112017  | 18112017  | 041-17  | 17    | 1210 | 1     | 59,5 | 25 | 0,22 | 17212017  | 042-17  | 17    | 1210 | 2     | 56   | 25 | 0,23 |
|                                | 17112018  | -         | 041-18  | 18    | 1210 | 1     | 60   | 25 | 0,27 | 17212018  | 042-18  | 18    | 1210 | 2     | 58   | 25 | 0,30 |
|                                | 17112019  | 18112019  | 041-19  | 19    | 1210 | 1     | 63   | 25 | 0,33 | 17212019  | 042-19  | 19    | 1210 | 2     | 64   | 25 | 0,38 |
|                                | 17112020  | -         | 041-20  | 20    | 1610 | 1     | 71   | 25 | 0,36 | 17212020  | 042-20  | 20    | 1610 | 2     | 66   | 25 | 0,45 |
|                                | 17112021  | 18112021  | 041-21  | 21    | 1610 | 1     | 71   | 25 | 0,36 | 17212021  | 042-21  | 21    | 1610 | 2     | 71   | 25 | 0,50 |
|                                | 17112022  | -         | 041-22  | 22    | 1610 | 1     | 70   | 25 | 0,36 | 17212022  | 042-22  | 22    | 1610 | 2     | 76   | 25 | 0,55 |
|                                | 17112023  | 18112023  | 041-23  | 23    | 1610 | 1     | 76   | 25 | 0,50 | 17212023  | 042-23  | 23    | 1610 | 2     | 79   | 25 | 0,62 |
|                                | 17112024  | -         | 041-24  | 24    | 1610 | 1     | 70   | 25 | 0,53 | 17212024  | 042-24  | 24    | 2012 | 2     | 84   | 32 | 0,68 |
|                                | 17112025  | 18112025  | 041-25  | 25    | 1610 | 1     | 76   | 25 | 0,56 | 17212025  | 042-25  | 25    | 2012 | 2     | 87   | 32 | 0,72 |
|                                | 17112026  | -         | 041-26  | 26    | 1610 | 1     | 70   | 32 | 0,60 | 17212026  | 042-26  | 26    | 2012 | 2     | 85   | 32 | 0,82 |
|                                | 17112027  | 18112027  | 041-27  | 27    | 1610 | 1     | 76   | 32 | 0,63 | 17212027  | 042-27  | 27    | 2012 | 2     | 87   | 32 | 0,92 |
|                                | 17112028  | -         | 041-28  | 28    | 2012 | 1     | 90   | 32 | 0,87 | 17212028  | 042-28  | 28    | 2012 | 2     | 87   | 32 | 1,10 |
|                                | 17112030  | 18112030  | 041-30  | 30    | 2012 | 1     | 90   | 32 | 0,91 | 17212030  | 042-30  | 30    | 2012 | 2     | 87   | 32 | 1,24 |
|                                | 17112038  | -         | 041-38  | 38    | 2012 | 1     | 102  | 32 | 1,25 | 17212038  | 042-38  | 38    | 2012 | 2     | 102  | 32 | 2,50 |
|                                | 17112045  | -         | 041-45  | 45    | 2012 | 1     | 102  | 32 | 1,68 | 17212045  | 042-45  | 45    | 2012 | 2     | 111  | 32 | 3,05 |
|                                | 17112057  | -         | 041-57  | 57    | 2012 | 6     | 111  | 32 | 2,78 | 17212057  | 042-57  | 57    | 2012 | 7     | 111  | 32 | 5,64 |
|                                | 17112076  | -         | 041-76  | 76    | 2012 | 6     | 111  | 32 | 3,81 | 17212076  | 042-76  | 76    | 2012 | 7     | 111  | 32 | 5,69 |
|                                | 17112095  | -         | 041-95  | 95    | 2012 | 6     | 111  | 32 | 5,00 | 17212095  | 042-95  | 95    | 2012 | 7     | 111  | 32 | 5,10 |
|                                | 17112114  | -         | 041-114 | 114   | 2517 | 6     | 124  | 45 | 6,50 | 17212114  | 042-114 | 114   | 2517 | 7     | 124  | 45 | 6,00 |



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# TAPER LOCK® CHAIN SPROCKETS

43

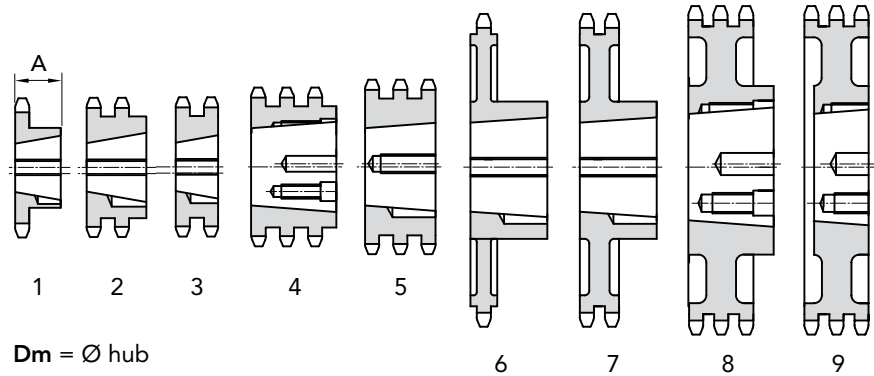
TAPER LOCK® CHAIN SPROCKETS

MATERIAL **STEEL**  
**C 45 UNI 5007**

**AVAILABLE ALSO  
WITH INDUCTION  
HARDENED TEETH**

MATERIAL **IN CAST IRON**  
**GG20 UNI 5007**

Hardened teeth HRC 45÷53



$D_m = \varnothing \text{ hub}$

## SIMPLES

## DOUBLE

| PITCH            | P. NUMBER | P. NUMBER | COD.    | Z   | for   | Exec. | Dm  | A  | Kg    | P. NUMBER | COD.    | Z   | for   | Exec. | Dm  | A    | Kg    |
|------------------|-----------|-----------|---------|-----|-------|-------|-----|----|-------|-----------|---------|-----|-------|-------|-----|------|-------|
|                  | ACCIAIO   | TEMPRATI  | PITCH   |     | taper | bush  | hub |    |       |           | PITCH   |     | taper | bush  | hub |      |       |
| 5/8"<br>15,87 mm | 17115013  | 18115013  | 051-13  | 13  | 1008  | 1     | 46  | 22 | 0,23  | 17215015  | 052-15  | 15  | 1210  | 3     | -   | 25,5 | 0,38  |
|                  | 17115014  | -         | 051-14  | 14  | 1108  | 1     | 52  | 22 | 0,27  | 17215016  | 052-16  | 16  | 1610  | 3     | -   | 25,5 | 0,42  |
|                  | 17115015  | 18115015  | 051-15  | 15  | 1210  | 1     | 63  | 25 | 0,30  | 17215017  | 052-17  | 17  | 1610  | 3     | -   | 25,5 | 0,47  |
|                  | 17115016  | -         | 051-16  | 16  | 1610  | 1     | 70  | 25 | 0,38  | 17215018  | 052-18  | 18  | 1610  | 3     | -   | 25,5 | 0,66  |
|                  | 17115017  | 18115017  | 051-17  | 17  | 1610  | 1     | 71  | 25 | 0,38  | 17215019  | 052-19  | 19  | 1610  | 3     | -   | 25,5 | 0,72  |
|                  | 17115018  | -         | 051-18  | 18  | 1610  | 1     | 75  | 25 | 0,43  | 17215020  | 052-20  | 20  | 1610  | 3     | -   | 25,5 | 0,87  |
|                  | 17115019  | 18115019  | 051-19  | 19  | 1610  | 1     | 76  | 25 | 0,54  | 17215021  | 052-21  | 21  | 1610  | 3     | -   | 25,5 | 1,01  |
|                  | 17115020  | -         | 051-20  | 20  | 1610  | 1     | 75  | 25 | 0,61  | 17215022  | 052-22  | 22  | 1610  | 3     | -   | 25,5 | 1,18  |
|                  | 17115021  | 18115021  | 051-21  | 21  | 1610  | 1     | 76  | 25 | 0,65  | 17215023  | 052-23  | 23  | 1610  | 3     | -   | 25,5 | 1,35  |
|                  | 17115022  | -         | 051-22  | 22  | 1610  | 1     | 76  | 25 | 0,72  | 17215024  | 052-24  | 24  | 2012  | 2     | 90  | 32   | 1,45  |
|                  | 17115023  | 18115023  | 051-23  | 23  | 1610  | 1     | 76  | 25 | 0,77  | 17215025  | 052-25  | 25  | 2012  | 2     | 90  | 32   | 1,55  |
|                  | 17115024  | -         | 051-24  | 24  | 2012  | 1     | 90  | 32 | 0,98  | 17215026  | 052-26  | 26  | 2012  | 2     | 90  | 32   | 1,75  |
|                  | 17115025  | 18115025  | 051-25  | 25  | 2012  | 1     | 90  | 32 | 1,05  | 17215027  | 052-27  | 27  | 2012  | 2     | 90  | 32   | 1,98  |
|                  | 17115026  | -         | 051-26  | 26  | 2012  | 1     | 85  | 32 | 1,11  | 17215028  | 052-28  | 28  | 2012  | 2     | 90  | 32   | 2,03  |
|                  | 17115027  | 18115027  | 051-27  | 27  | 2012  | 1     | 90  | 32 | 1,17  | 17215030  | 052-30  | 30  | 2012  | 2     | 90  | 32   | 2,63  |
|                  | 17115028  | -         | 051-28  | 28  | 2012  | 1     | 90  | 32 | 1,29  | 17215038  | 052-38  | 38  | 2517  | 2     | 108 | 45   | 3,10  |
|                  | 17115030  | 18115030  | 051-30  | 30  | 2012  | 1     | 90  | 32 | 1,40  | 17215045  | 052-45  | 45  | 2517  | 7     | 110 | 45   | 4,00  |
|                  | 17115038  | -         | 051-38  | 38  | 2012  | 1     | 102 | 32 | 2,43  |           |         |     |       |       |     |      |       |
|                  | 17115045  | -         | 051-45  | 45  | 2012  | 1     | 111 | 32 | 3,55  |           |         |     |       |       |     |      |       |
|                  | 17115057  | -         | 051-57  | 57  | 2012  | 6     | 111 | 32 | 4,28  |           |         |     |       |       |     |      |       |
| 3/4"<br>19,05 mm | 17119013  | 18119013  | 061-13  | 13  | 1210  | 1     | 63  | 25 | 0,35  | 17219014  | 062-14  | 14  | 1610  | 3     | -   | 30,3 | 0,60  |
|                  | 17119014  | -         | 061-14  | 14  | 1610  | 1     | 71  | 25 | 0,40  | 17219015  | 062-15  | 15  | 1610  | 3     | -   | 30,3 | 0,68  |
|                  | 17119015  | 18119015  | 061-15  | 15  | 1610  | 1     | 71  | 25 | 0,44  | 17219016  | 062-16  | 16  | 1610  | 3     | -   | 30,3 | 0,89  |
|                  | 17119016  | -         | 061-16  | 16  | 1610  | 1     | 75  | 25 | 0,53  | 17219017  | 062-17  | 17  | 1610  | 3     | -   | 30,3 | 1,14  |
|                  | 17119017  | 18119017  | 061-17  | 17  | 1610  | 1     | 76  | 25 | 0,66  | 17219018  | 062-18  | 18  | 2012  | 2     | 89  | 32   | 1,18  |
|                  | 17119018  | -         | 061-18  | 18  | 2012  | 1     | 90  | 32 | 0,86  | 17219019  | 062-19  | 19  | 2012  | 2     | 95  | 32   | 1,24  |
|                  | 17119019  | 18119019  | 061-19  | 19  | 2012  | 1     | 90  | 32 | 0,94  | 17219020  | 062-20  | 20  | 2517  | 2     | 108 | 45   | 1,40  |
|                  | 17119020  | -         | 061-20  | 20  | 2012  | 1     | 90  | 32 | 1,04  | 17219021  | 062-21  | 21  | 2517  | 2     | 108 | 45   | 1,68  |
|                  | 17119021  | 18119021  | 061-21  | 21  | 2517  | 1     | 102 | 45 | 1,24  | 17219022  | 062-22  | 22  | 2517  | 2     | 108 | 45   | 1,99  |
|                  | 17119022  | -         | 061-22  | 22  | 2517  | 1     | 102 | 45 | 1,60  | 17219023  | 062-23  | 23  | 2517  | 2     | 108 | 45   | 2,24  |
|                  | 17119023  | 18119023  | 061-23  | 23  | 2517  | 1     | 108 | 45 | 1,70  | 17219024  | 062-24  | 24  | 2517  | 2     | 108 | 45   | 2,54  |
|                  | 17119024  | -         | 061-24  | 24  | 2517  | 1     | 108 | 45 | 1,81  | 17219025  | 062-25  | 25  | 2517  | 2     | 108 | 45   | 2,87  |
|                  | 17119025  | 18119025  | 061-25  | 25  | 2517  | 1     | 108 | 45 | 1,93  | 17219026  | 062-26  | 26  | 2517  | 2     | 108 | 45   | 3,17  |
|                  | 17119026  | -         | 061-26  | 26  | 2517  | 1     | 108 | 45 | 2,04  | 17219027  | 062-27  | 27  | 2517  | 2     | 108 | 45   | 3,55  |
|                  | 17119027  | 18119027  | 061-27  | 27  | 2517  | 1     | 108 | 45 | 2,14  | 17219028  | 062-28  | 28  | 2517  | 2     | 108 | 45   | 4,10  |
|                  | 17119028  | -         | 061-28  | 28  | 2517  | 1     | 108 | 45 | 2,37  | 17219030  | 062-30  | 30  | 2517  | 2     | 108 | 45   | 4,62  |
|                  | 17119030  | 18119030  | 061-30  | 30  | 2517  | 1     | 108 | 45 | 2,60  | 17219038  | 062-38  | 38  | 3020  | 2     | 152 | 51   | 8,11  |
|                  | 17119038  | -         | 061-38  | 38  | 2517  | 1     | 124 | 45 | 3,93  | 17219045  | 062-45  | 45  | 3020  | 7     | 154 | 51   | 9,00  |
|                  | 17119045  | -         | 061-45  | 45  | 2517  | 1     | 124 | 45 | 5,54  | 17219057  | 062-57  | 57  | 3020  | 7     | 160 | 51   | 10,28 |
|                  | 17119057  | -         | 061-57  | 57  | 2517  | 6     | 124 | 45 | 6,48  | 17219076  | 062-76  | 76  | 3020  | 7     | 160 | 51   | 15,24 |
|                  | 17119076  | -         | 061-76  | 76  | 2517  | 6     | 124 | 45 | 9,71  | 17219095  | 062-95  | 95  | 3020  | 7     | 160 | 51   | 20,00 |
|                  | 17119095  | -         | 061-95  | 95  | 2517  | 6     | 124 | 45 | 12,20 | 17219114  | 062-114 | 114 | 3030  | 7     | 160 | 76   | 25,00 |
|                  | 17119114  | -         | 061-114 | 114 | 2525  | 6     | 124 | 63 | 16,80 |           |         |     |       |       |     |      |       |

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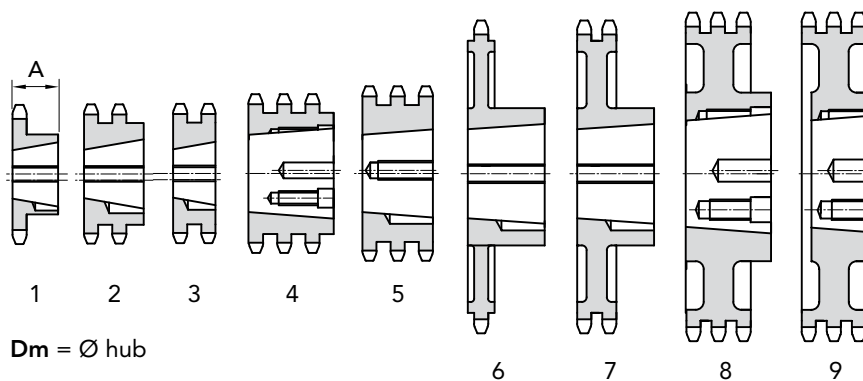


MATERIAL **STEEL**  
**C 45 UNI 5007**

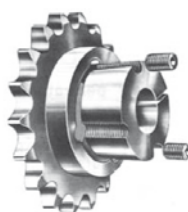
**AVAILABLE ALSO  
WITH INDUCTION  
HARDENED TEETH**

MATERIAL **IN CAST IRON**  
**GG20 UNI 5007**

Hardened teeth HRC 45÷53



| SIMPLES         |          |          |        |      |       |       |      |       |          | DOUBLE   |        |      |       |       |      |      |       |
|-----------------|----------|----------|--------|------|-------|-------|------|-------|----------|----------|--------|------|-------|-------|------|------|-------|
| PITCH           | P.NUMBER | P.NUMBER | COD.   | Z    | for   | Exec. | Dm   | A     | Kg       | P.NUMBER | COD.   | Z    | for   | Exec. | Dm   | A    | Kg    |
|                 | ACCIAIO  | TEMPRATI | PITCH  |      | taper | bush  | Type | hub   |          |          | PITCH  |      | taper | bush  | Type | hub  |       |
| 1" 25,40 mm     | 17125013 | -        | 081-13 | 13   | 1610  | 1     | 78   | 25    | 0,98     | 17225013 | 081-13 | 13   | 1610  | 3     | -    | 47,7 | 1,70  |
|                 | 17125014 | -        | 081-14 | 14   | 1610  | 1     | 78   | 25    | 1,14     | 17225014 | 081-14 | 14   | 1610  | 3     | -    | 47,7 | 1,90  |
|                 | 17125015 | 18125015 | 081-15 | 15   | 1610  | 1     | 78   | 25    | 1,30     | 17225015 | 082-15 | 15   | 2012  | 3     | -    | 47,7 | 2,11  |
|                 | 17125016 | -        | 081-16 | 16   | 2012  | 1     | 90   | 32    | 1,40     | 17225016 | 082-16 | 16   | 2517  | 3     | -    | 47,7 | 2,25  |
|                 | 17125017 | 18125017 | 081-17 | 17   | 2012  | 1     | 90   | 32    | 1,59     | 17225017 | 082-17 | 17   | 2517  | 3     | -    | 47,7 | 2,53  |
|                 | 17125018 | -        | 081-18 | 18   | 2012  | 1     | 108  | 45    | 2,10     | 17225018 | 082-18 | 18   | 2517  | 3     | -    | 47,7 | 3,10  |
|                 | 17125019 | 18125019 | 081-19 | 19   | 2517  | 1     | 108  | 45    | 2,29     | 17225019 | 082-19 | 19   | 2517  | 3     | -    | 47,7 | 3,50  |
|                 | 17125020 | -        | 081-20 | 20   | 2517  | 1     | 108  | 45    | 2,60     | 17225020 | 082-20 | 20   | 2517  | 3     | -    | 47,7 | 4,10  |
|                 | 17125021 | 18125021 | 081-21 | 21   | 2517  | 1     | 108  | 45    | 2,81     | 17225021 | 082-21 | 21   | 3020  | 2     | 143  | 51   | 4,15  |
|                 | 17125022 | -        | 081-22 | 22   | 2517  | 1     | 108  | 45    | 3,10     | 17225022 | 082-22 | 22   | 3020  | 2     | 150  | 51   | 4,90  |
|                 | 17125023 | 18125023 | 081-23 | 23   | 2517  | 1     | 108  | 45    | 3,38     | 17225023 | 082-23 | 23   | 3020  | 2     | 160  | 51   | 5,69  |
|                 | 17125024 | -        | 081-24 | 24   | 2517  | 1     | 108  | 45    | 3,70     | 17225024 | 082-24 | 24   | 3020  | 2     | 166  | 51   | 6,00  |
|                 | 17125025 | 18125025 | 081-25 | 25   | 2517  | 1     | 108  | 45    | 3,97     | 17225025 | 082-25 | 25   | 3020  | 2     | 175  | 51   | 6,38  |
|                 | 17125026 | -        | 081-26 | 26   | 2517  | 1     | 108  | 45    | 4,26     | 17225026 | 082-26 | 26   | 3020  | 2     | 175  | 51   | 7,80  |
|                 | 17125027 | 18125027 | 081-27 | 27   | 2517  | 1     | 108  | 45    | 4,55     | 17225027 | 082-27 | 27   | 3020  | 2     | 175  | 51   | 9,27  |
|                 | 17125028 | -        | 081-28 | 28   | 2517  | 1     | 108  | 45    | 5,26     | 17225028 | 082-28 | 28   | 3020  | 2     | 175  | 51   | 11,4  |
|                 | 17125030 | 18125030 | 081-30 | 30   | 3020  | 1     | 160  | 51    | 5,97     | 17225030 | 082-30 | 30   | 3020  | 2     | 175  | 51   | 13,5  |
|                 | 17125038 | -        | 081-38 | 38   | 3020  | 1     | 160  | 51    | 8,73     | 17225038 | 082-38 | 38   | 3030  | 7     | 146  | 51   | 14,54 |
|                 | 17125045 | -        | 081-45 | 45   | 3020  | 1     | 160  | 51    | 12,49    | 17225045 | 082-45 | 45   | 3030  | 7     | 146  | 51   | 16,0  |
|                 | 17125057 | -        | 081-57 | 57   | 3020  | 6     | 160  | 51    | 13,87    | 17225057 | 082-57 | 57   | 3525  | 7     | 198  | 65   | 25,0  |
| 17125076        | -        | 081-76   | 76     | 3020 | 6     | 160   | 51   | 22,63 | 17225076 | 082-76   | 76     | 3525 | 7     | 198   | 65   | 30,0 |       |
| 17125095        | -        | 081-95   | 95     | 3020 | 6     | 160   | 51   | 32,00 | 17225095 | 082-95   | 95     | 3525 | 7     | 216   | 65   | 37,0 |       |
| 17125114        | -        | 081-114  | 114    | 3030 | 6     | 150   | 76   | 50,00 | 17225114 | 082-114  | 114    | 4040 | 7     | 216   | 102  | 52,0 |       |
| 1" 1/4 31,75 mm | 17131015 | 18131015 | 081-15 | 15   | 2517  | 1     | 108  | 45    | 3,39     |          |        |      |       |       |      |      |       |
|                 | 17131017 | 18131017 | 081-17 | 17   | 2517  | 1     | 108  | 45    | 5,07     |          |        |      |       |       |      |      |       |
|                 | 17131019 | 18131019 | 081-19 | 19   | 2517  | 1     | 108  | 45    | 6,75     |          |        |      |       |       |      |      |       |
|                 | 17131021 | 18131021 | 081-21 | 21   | 2517  | 1     | 108  | 45    | 7,70     |          |        |      |       |       |      |      |       |
|                 | 17131023 | 18131023 | 081-23 | 23   | 2517  | 1     | 108  | 45    | 8,78     |          |        |      |       |       |      |      |       |
|                 | 17131025 | 18131025 | 081-25 | 25   | 2517  | 1     | 108  | 45    | 9,50     |          |        |      |       |       |      |      |       |
|                 | 17131030 | 18131030 | 081-30 | 30   | 3020  | 1     | 160  | 51    | 15,90    |          |        |      |       |       |      |      |       |
|                 | 17131038 | -        | 081-38 | 38   | 3020  | 6     | 160  | 51    | 15,80    |          |        |      |       |       |      |      |       |
|                 |          |          |        |      |       |       |      |       |          |          |        |      |       |       |      |      |       |



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# TAPER LOCK® CHAIN SPROCKETS

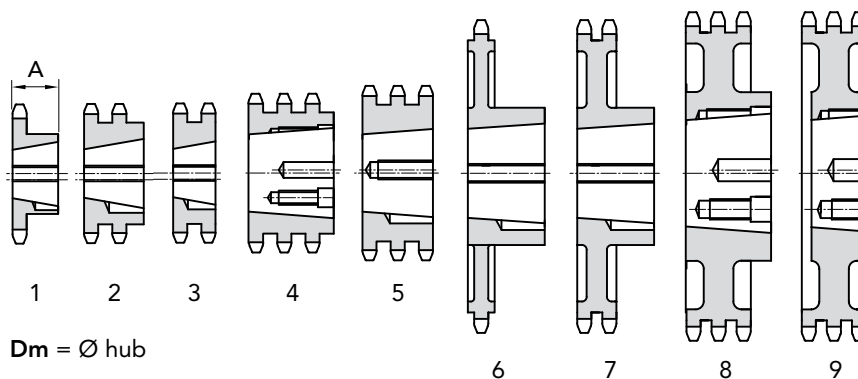
45

1

MATERIAL **STEEL**  
**C 45 UNI 5007**

MATERIAL **IN CAST IRON**  
**GG20 UNI 5007**

Hardened teeth HRC 45÷53



## TRIPLE

| PITCH         | P.NUMBER | COD.    | Z   | for        | Exec. | Dm  | A    | Kg    |
|---------------|----------|---------|-----|------------|-------|-----|------|-------|
|               |          | PITCH   |     | taper bush | Type  | hub |      |       |
| 3/4" 19,05 mm | 17319015 | 063-15  | 15  | 1615       | 5     | -   | 49,8 | 1,11  |
|               | 17319017 | 063-17  | 17  | 2012       | 5     | -   | 49,8 | 1,75  |
|               | 17319019 | 063-19  | 19  | 2012       | 5     | -   | 49,8 | 2,02  |
|               | 17319021 | 063-21  | 21  | 2517       | 5     | -   | 49,8 | 2,49  |
|               | 17319023 | 063-23  | 23  | 2517       | 5     | -   | 49,8 | 3,00  |
|               | 17319025 | 063-25  | 25  | 2517       | 5     | -   | 49,8 | 3,98  |
|               | 17319027 | 063-27  | 27  | 3020       | 4     | 140 | 51   | 3,90  |
|               | 17319030 | 063-30  | 30  | 3020       | 4     | 140 | 51   | 5,64  |
|               | 17319038 | 063-38  | 38  | 3020       | 4     | 140 | 51   | 11,58 |
|               | 17319045 | 063-45  | 45  | 3020       | 4     | 159 | 51   | 12,11 |
|               | 17319057 | 063-57  | 57  | 3020       | 5     | 159 | 51   | 13,23 |
|               | 17319076 | 063-76  | 76  | 3020       | 5     | 159 | 51   | 16,00 |
|               | 17319095 | 063-95  | 95  | 3030       | 8     | 165 | 76   | 21,00 |
|               | 17319114 | 063-114 | 114 | 3030       | 8     | 165 | 76   | 27,00 |

|             |          |         |     |      |   |     |      |       |
|-------------|----------|---------|-----|------|---|-----|------|-------|
| 1" 25,40 mm | 17325017 | 063-17  | 17  | 2517 | 5 | -   | 79,6 | 4,29  |
|             | 17325019 | 063-19  | 19  | 3020 | 5 | -   | 79,6 | 4,36  |
|             | 17325021 | 063-21  | 21  | 3020 | 5 | -   | 79,6 | 6,69  |
|             | 17325023 | 063-23  | 23  | 3525 | 5 | -   | 79,6 | 7,80  |
|             | 17325025 | 063-25  | 25  | 3525 | 5 | -   | 79,6 | 10,93 |
|             | 17325027 | 063-27  | 27  | 3525 | 5 | -   | 79,6 | 14,06 |
|             | 17325030 | 063-30  | 30  | 3525 | 5 | -   | 79,6 | 19,10 |
|             | 17325038 | 063-38  | 38  | 3535 | 9 | -   | 79,6 | 21,65 |
|             | 17325045 | 063-45  | 45  | 4040 | 9 | -   | 79,6 | 28,10 |
|             | 17325057 | 063-57  | 57  | 4040 | 9 | -   | 79,6 | 40,50 |
|             | 17325076 | 063-76  | 76  | 4040 | 9 | -   | 79,6 | 53,30 |
|             | 17325095 | 063-95  | 95  | 4040 | 9 | -   | 79,6 | 70,00 |
|             | 17325114 | 063-114 | 114 | 4545 | 8 | 240 | 115  | 90,00 |



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TAPER LOCK® CHAIN SPROCKETS



## 3/8" x 7/32"

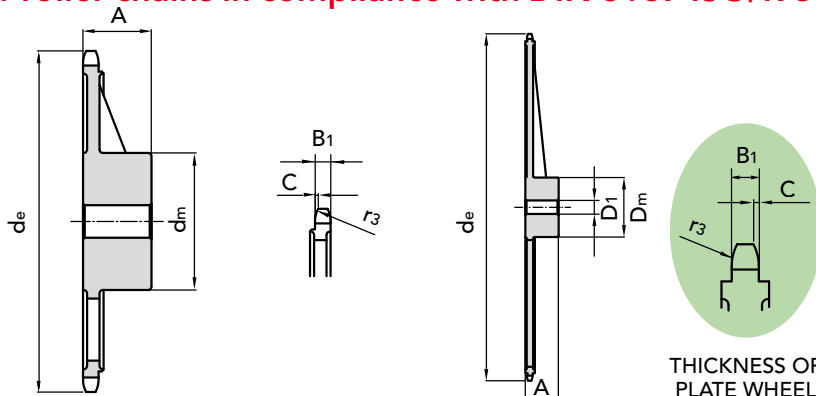
## CHAIN SPROCKETS

|                                   |      |    |
|-----------------------------------|------|----|
| Tooth radius $r_3$                | 10   | mm |
| Radius width $\bar{C}$            | 1    | mm |
| Sprockets tooth width $B_1$ (S)   | 5,3  | mm |
| Sprockets tooth width $b_1$ (D-T) | 5,2  | mm |
| Sprockets tooth width $B_2$ (D)   | 15,4 | mm |
| Sprockets tooth width $B_3$ (T)   | 25,6 | mm |

## CHAIN

|             |       |    |
|-------------|-------|----|
| Pitch       | 9,525 | mm |
| Inner width | 5,72  | mm |
| Roller Ø    | 6,35  | mm |

for roller chains in compliance with DIN 8187 ISO/R 606



| SIMPLES |                |                |             |                |                |    |      | DOUBLE      |                |                |    | TRIPLE |             |                |                |    |      |
|---------|----------------|----------------|-------------|----------------|----------------|----|------|-------------|----------------|----------------|----|--------|-------------|----------------|----------------|----|------|
| Z       | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.    | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  |
| 38      | 119,5          | 115,35         | 12109038    | 70             | 20             | 32 | 1,12 | 12209038    | 80             | 24             | 40 | 1,90   | 12309038    | 90             | 24             | 56 | 3,00 |
| 45      | 140,7          | 136,55         | 12109045    | 70             | 20             | 32 | 1,30 | 12209045    | 80             | 24             | 40 | 2,06   | 12309045    | 90             | 24             | 56 | 3,56 |
| 57      | 176,9          | 172,91         | 12109057    | 70             | 20             | 32 | 1,55 | 12209057    | 80             | 24             | 40 | 2,30   | 12309057    | 90             | 24             | 56 | 3,97 |
| 76      | 234,9          | 230,49         | 12109076    | 70             | 20             | 32 | 2,00 | 12209076    | 80             | 24             | 40 | 3,02   | 12309076    | 100            | 24             | 56 | 4,52 |
| 95      | 292,5          | 288,08         | 12109095    | 80             | 20             | 40 | 3,83 | 12209095    | 90             | 24             | 45 | 4,68   | 12309095    | 100            | 24             | 56 | 6,12 |
| 114     | 349,6          | 345,68         | 12109114    | 80             | 20             | 40 | 4,05 | 12209114    | 95             | 24             | 45 | 5,90   | 12309114    | 100            | 24             | 56 | 7,45 |
| 150     | 459,2          | 454,82         | 12109150    | 90             | 21             | 45 | 4,05 | 12209150    | 100            | 24             | 50 | 5,90   | 12309150    | 125            | 24             | 60 | 9,00 |

## 1/2" x 5/16"

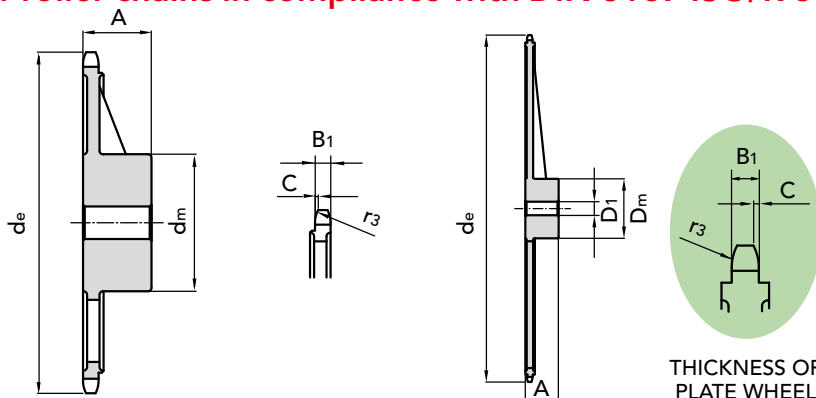
## CHAIN SPROCKETS

|                                   |      |    |
|-----------------------------------|------|----|
| Tooth radius $r_3$                | 13   | mm |
| Radius width $\bar{C}$            | 1,3  | mm |
| Sprockets tooth width $B_1$ (S)   | 7,2  | mm |
| Sprockets tooth width $b_1$ (D-T) | 7    | mm |
| Sprockets tooth width $B_2$ (D)   | 21   | mm |
| Sprockets tooth width $B_3$ (T)   | 34,9 | mm |

## CHAIN

|             |      |    |
|-------------|------|----|
| Pitch       | 12,7 | mm |
| Inner width | 7,75 | mm |
| Roller Ø    | 8,51 | mm |

for roller chains in compliance with DIN 8187 ISO/R 606



| SIMPLES |                |                |             |                |                |    |      | DOUBLE      |                |                |    |      | TRIPLE      |                |                |    |      |
|---------|----------------|----------------|-------------|----------------|----------------|----|------|-------------|----------------|----------------|----|------|-------------|----------------|----------------|----|------|
| Z       | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  |
| 38      | 158,6          | 153,8          | 12112038    | 70             | 20             | 40 | 1,56 | 12212038    | 90             | 24             | 50 | 3,15 | 12312038    | 100            | 24             | 60 | 4,45 |
| 45      | 188,0          | 182,0          | 12112045    | 70             | 20             | 40 | 1,95 | 12212045    | 90             | 24             | 50 | 3,56 | 12312045    | 100            | 24             | 60 | 5,85 |
| 57      | 236,4          | 230,54         | 12112057    | 70             | 20             | 40 | 2,46 | 12212057    | 90             | 24             | 50 | 4,00 | 12312057    | 100            | 24             | 60 | 6,28 |
| 76      | 313,3          | 307,33         | 12112076    | 80             | 24             | 40 | 4,20 | 12212076    | 100            | 24             | 56 | 6,35 | 12312076    | 100            | 24             | 60 | 8,60 |
| 95      | 390,1          | 384,11         | 12112095    | 80             | 24             | 45 | 5,45 | 12212095    | 100            | 24             | 56 | 8,00 | 12312095    | 120            | 24             | 67 | 11,9 |
| 114     | 466,9          | 460,9          | 12112114    | 80             | 24             | 45 | 8,35 | 12212114    | 100            | 24             | 63 | 11,9 | 12312114    | 120            | 24             | 67 | 15,0 |
|         |                |                |             |                |                |    |      |             |                |                |    |      |             |                |                |    |      |

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WITH DOUBLE REINFORCE

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## 5/8" x 3/8"

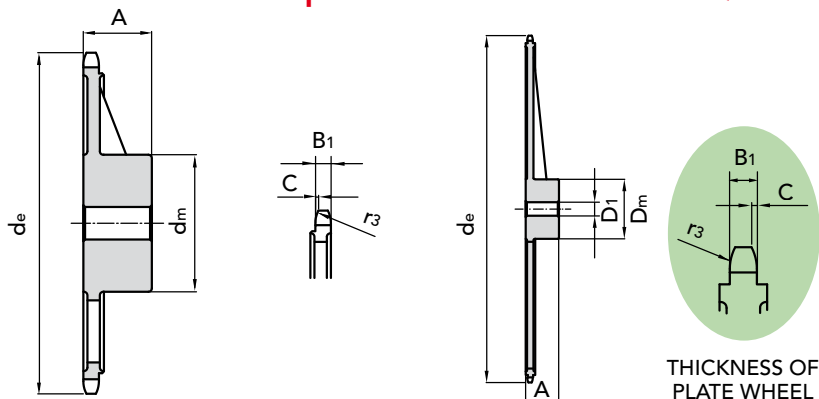
### CHAIN SPROCKETS

|                                   |      |    |
|-----------------------------------|------|----|
| Tooth radius $r_3$                | 16   | mm |
| Radius width $\bar{C}$            | 1,6  | mm |
| Sprockets tooth width $B_1$ (S)   | 9,1  | mm |
| Sprockets tooth width $b_1$ (D-T) | 9    | mm |
| Sprockets tooth width $B_2$ (D)   | 25,5 | mm |
| Sprockets tooth width $B_3$ (T)   | 42,1 | mm |

### CHAIN

|             |        |    |
|-------------|--------|----|
| Pitch       | 15,875 | mm |
| Inner width | 9,65   | mm |
| Roller Ø    | 10,16  | mm |

for roller chains in compliance with DIN 8187 ISO/R 606



### SIMPLES

### DOUBLE

### TRIPLE

| Z   | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.   | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  |
|-----|----------------|----------------|-------------|----------------|----------------|----|-------|-------------|----------------|----------------|----|------|-------------|----------------|----------------|----|------|
| 38  | 199,2          | 192,24         | 12115038    | 80             | 20             | 40 | 2,32  | 12215038    | 100            | 30             | 50 | 4,56 | 12315038    | 100            | 32             | 60 | 6,50 |
| 45  | 235            | 227,58         | 12115045    | 80             | 20             | 40 | 2,88  | 12215045    | 100            | 30             | 50 | 4,93 | 12315045    | 100            | 32             | 60 | 7,04 |
| 57  | 296            | 288,18         | 12115057    | 90             | 24             | 45 | 4,30  | 12215057    | 100            | 30             | 56 | 6,50 | 12315057    | 100            | 32             | 63 | 8,00 |
| 76  | 392,1          | 384,16         | 12115076    | 90             | 24             | 50 | 7,00  | 12215076    | 100            | 30             | 63 | 9,10 | 12315076    | 110            | 35             | 67 | 12,0 |
| 95  | 488,5          | 480,14         | 12115095    | 100            | 24             | 56 | 10,65 | 12215095    | 110            | 30             | 63 | 12,6 | 12315095    | 125            | 35             | 70 | 19,4 |
| 114 | 584,1          | 576,13         | 12115114    | 100            | 24             | 56 | 14,50 | 12215114    | 125            | 30             | 70 | 17,8 | 12315114    | 125            | 35             | 80 | 24,0 |

## 3/4" x 7/16"

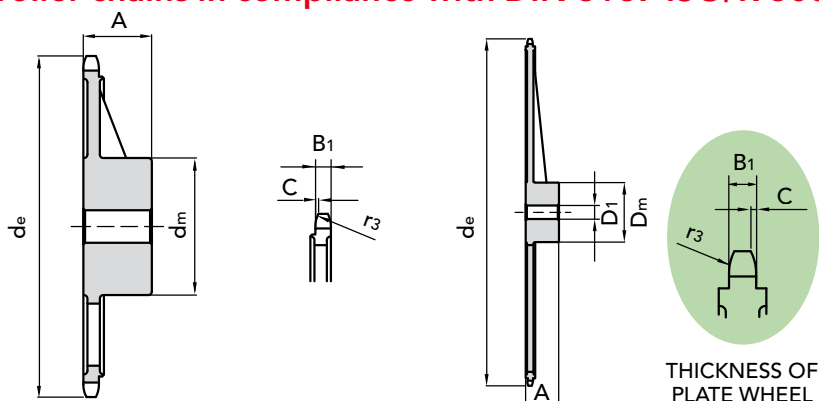
### CHAIN SPROCKETS

|                                   |      |    |
|-----------------------------------|------|----|
| Tooth radius $r_3$                | 19   | mm |
| Radius width $\bar{C}$            | 2    | mm |
| Sprockets tooth width $B_1$ (S)   | 11,1 | mm |
| Sprockets tooth width $b_1$ (D-T) | 10,8 | mm |
| Sprockets tooth width $B_2$ (D)   | 30,3 | mm |
| Sprockets tooth width $B_3$ (T)   | 49,8 | mm |

### CHAIN

|             |       |    |
|-------------|-------|----|
| Pitch       | 19,05 | mm |
| Inner width | 11,68 | mm |
| Roller Ø    | 12,07 | mm |

for roller chains in compliance with DIN 8187 ISO/R 606



### SIMPLES

### DOUBLE

### TRIPLE

| Z   | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.   | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.  | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.   |
|-----|----------------|----------------|-------------|----------------|----------------|----|-------|-------------|----------------|----------------|----|------|-------------|----------------|----------------|----|-------|
| 38  | 239            | 230,69         | 12119038    | 100            | 24             | 56 | 4,75  | 12219038    | 110            | 24             | 63 | 7,50 | 12319038    | 140            | 31             | 70 | 10,00 |
| 45  | 282,5          | 273,1          | 12119045    | 100            | 24             | 56 | 5,90  | 12219045    | 110            | 24             | 63 | 8,30 | 12319045    | 140            | 31             | 70 | 13,30 |
| 57  | 354            | 345,81         | 12119057    | 100            | 30             | 56 | 6,45  | 12219057    | 120            | 30             | 63 | 10,3 | 12319057    | 140            | 39             | 70 | 15,25 |
| 76  | 469,9          | 460,99         | 12119076    | 100            | 30             | 56 | 12,30 | 12219076    | 135            | 30             | 63 | 15,2 | 12319076    | 160            | 39             | 75 | 27,20 |
| 95  | 585,1          | 576,17         | 12119095    | 100            | 30             | 56 | 15,40 | 12219095    | 135            | 30             | 70 | 21,2 | 12319095    | 170            | 39             | 82 | 36,40 |
| 114 | 700,6          | 691,36         | 12119114    | 100            | 30             | 56 | 24,80 | 12219114    | 135            | 30             | 70 | 30,4 | 12319114    | 170            | 49             | 82 | 41,10 |

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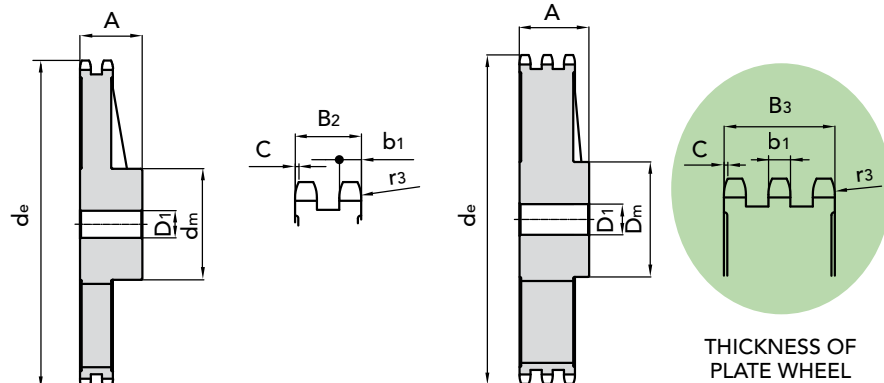

**1" x 17.02 mm**
**CHAIN SPROCKETS**

|                             |      |    |
|-----------------------------|------|----|
| Tooth radius $r_3$          | 26   | mm |
| Radius width $\bar{C}$      | 2,5  | mm |
| Sprockets tooth width $B_1$ | 16,2 | mm |
| Sprockets tooth width $b_1$ | 15,8 | mm |
| Sprockets tooth width $B_2$ | 47,7 | mm |
| Sprockets tooth width $B_3$ | 79,6 | mm |

**CHAIN**

|                      |       |    |
|----------------------|-------|----|
| Pitch                | 25,4  | mm |
| Inner width          | 17,02 | mm |
| Roller $\varnothing$ | 5,88  | mm |

for roller chains in compliance with DIN 8187 ISO/R 606



THICKNESS OF PLATE WHEEL

| SIMPLES |                |                |             |                |                |    |       | DOUBLE      |                |                |    | TRIPLE |             |                |                |     |       |
|---------|----------------|----------------|-------------|----------------|----------------|----|-------|-------------|----------------|----------------|----|--------|-------------|----------------|----------------|-----|-------|
| Z       | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.   | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.    | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A   | kg.   |
| 30      | 254            | 243            | 12125030    | 110            | 29             | 65 | 7,00  | 12225030    | 125            | 39             | 75 | 13,30  | 12325030    | 145            | 39             | 90  | 20,00 |
| 38      | 320            | 307,59         | 12125038    | 110            | 29             | 65 | 8,26  | 12225038    | 140            | 39             | 75 | 16,45  | 12325038    | 160            | 44             | 100 | 25,40 |
| 45      | 377            | 364,13         | 12125045    | 125            | 29             | 70 | 10,75 | 12225045    | 150            | 39             | 75 | 19,20  | 12325045    | 160            | 44             | 100 | 33,60 |
| 57      | 474            | 461,08         | 12125057    | 125            | 34             | 70 | 12,90 | 12225057    | 170            | 39             | 90 | 29,50  | 12325057    | 165            | 44             | 100 | 44,70 |
| 76      | 627            | 614,65         | 12125076    | 140            | 34             | 80 | 24,70 | 12225076    | 175            | 39             | 95 | 46,30  | 12325076    | 200            | 44             | 110 | 63,10 |
| 95      | 781            | 768,22         | 12125095    | 140            | 39             | 80 | 32,00 | 12225095    | 175            | 44             | 95 | 53,00  | 12325095    | 200            | 49             | 110 | 77,00 |
| 114     | 933            | 921,81         | 12125114    | 150            | 39             | 80 | 45,50 | 12225114    | 175            | 44             | 95 | 74,00  | 12325114    | 200            | 49             | 115 | 97,00 |

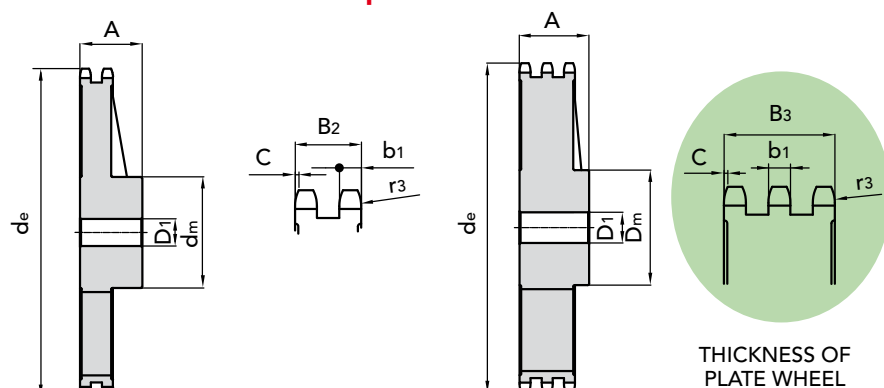
**1" 1/4 x 3/4"**
**CHAIN SPROCKETS**

|                             |      |    |
|-----------------------------|------|----|
| Tooth radius $r_3$          | 32   | mm |
| Radius width $\bar{C}$      | 3,5  | mm |
| Sprockets tooth width $B_1$ | 18,5 | mm |
| Sprockets tooth width $b_1$ | 18,2 | mm |
| Sprockets tooth width $B_2$ | 54,6 | mm |
| Sprockets tooth width $B_3$ | 91   | mm |

**CHAIN**

|                      |       |    |
|----------------------|-------|----|
| Pitch                | 31,75 | mm |
| Inner width          | 19,56 | mm |
| Roller $\varnothing$ | 19,05 | mm |

for roller chains in compliance with DIN 8187 ISO/R 606



THICKNESS OF PLATE WHEEL

| SIMPLES |                |                |             |                |                |    |       | DOUBLE      |                |                |     | TRIPLE |             |                |                |     |       |
|---------|----------------|----------------|-------------|----------------|----------------|----|-------|-------------|----------------|----------------|-----|--------|-------------|----------------|----------------|-----|-------|
| Z       | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A  | kg.   | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A   | kg.    | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A   | kg.   |
| 30      | 318,9          | 303,75         | 12131030    | 115            | 34             | 70 | 8,50  | 12231030    | 130            | 39             | 80  | 22,00  |             |                |                |     |       |
| 38      | 399,6          | 384,49         | 12131038    | 125            | 34             | 70 | 12,30 | 12231038    | 140            | 44             | 90  | 24,80  | 12331038    | 170            | 55             | 110 | 52,00 |
| 45      | 470,3          | 455,17         | 12131045    | 125            | 34             | 70 | 18,00 | 12231045    | 140            | 44             | 90  | 32,00  |             |                |                |     |       |
| 57      | 591,5          | 576,36         | 12131057    | 135            | 39             | 80 | 25,60 | 12231057    | 160            | 49             | 100 | 43,00  | 12331057    | 180            | 62             | 125 | 71,50 |
| 76      | 783,5          | 768,32         | 12131076    | 140            | 49             | 90 | 29,10 | 12231076    | 180            | 55             | 100 | 62,50  |             |                |                |     |       |
|         |                |                |             |                |                |    |       |             |                |                |     |        |             |                |                |     |       |
|         |                |                |             |                |                |    |       |             |                |                |     |        |             |                |                |     |       |

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1" 1/2 x 1"

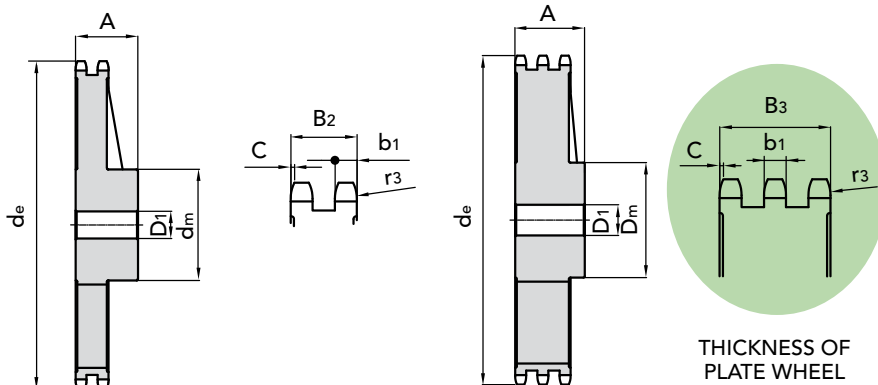
## CHAIN SPROCKETS

|                             |       |    |
|-----------------------------|-------|----|
| Tooth radius $r_3$          | 38    | mm |
| Radius width $\bar{C}$      | 4     | mm |
| Sprockets tooth width $B_1$ | 24,1  | mm |
| Sprockets tooth width $b_1$ | 23,6  | mm |
| Sprockets tooth width $B_2$ | 72    | mm |
| Sprockets tooth width $B_3$ | 120,3 | mm |

## CHAIN

|             |      |    |
|-------------|------|----|
| Pitch       | 38,1 | mm |
| Inner width | 25,4 | mm |
| Roller Ø    | 25,4 | mm |

for roller chains in compliance with DIN 8187 ISO/R 606



## SIMPLES

## DOUBLE

## TRIPLE

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A   | kg.   | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A   | kg.    | PART NUMBER | d <sub>m</sub> | D <sub>1</sub> | A   | kg.    |
|----|----------------|----------------|-------------|----------------|----------------|-----|-------|-------------|----------------|----------------|-----|--------|-------------|----------------|----------------|-----|--------|
| 30 | 379,5          | 364,5          | 12138030    | 130            | 39             | 85  | 18,50 |             |                |                |     |        |             |                |                |     |        |
| 38 | 476,2          | 461,39         | 12138038    | 140            | 44             | 90  | 21,80 | 12238038    | 180            | 44             | 100 | 42,20  | 12338038    | 200            | 62             | 150 | 42,50  |
| 45 | 561,2          | 546,2          | 12138045    | 140            | 44             | 90  | 30,00 |             |                |                |     |        |             |                |                |     |        |
| 57 | 706,5          | 691,63         | 12138057    | 160            | 44             | 100 | 46,20 | 12238057    | 200            | 54             | 110 | 72,70  | 12338057    | 200            | 62             | 150 | 119,40 |
| 76 | 936,9          | 921,98         | 12138076    | 170            | 44             | 100 | 63,60 | 12238076    | 220            | 54             | 120 | 125,00 | 12338076    | 250            | 69             | 150 | 150,00 |

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CHAIN SPROCKETS IN CAST IRON GG 20 UNI 5007 for roller chains in compliance with DIN 8187 ISO/R 606

# CHAIN SPROCKETS FOR CONVEYORS AND ELEVATORS



CHAIN SPROCKETS FOR CONVEYORS AND ELEVATORS

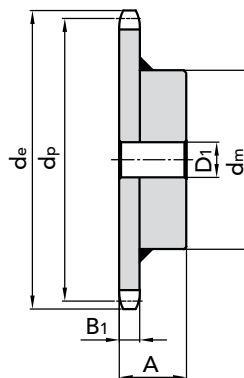
## CHAIN SPROCKETS P50 R 25 - 31

### CHAIN

|                                |      |    |
|--------------------------------|------|----|
| Pitch                          | 50   | mm |
| Inner width                    | 11,5 | mm |
| Roller Ø                       | 25   | mm |
| Plate thickness B <sub>1</sub> | 10,5 | mm |

### CHAIN

|                                |      |    |
|--------------------------------|------|----|
| Pitch                          | 50   | mm |
| Inner width                    | 15   | mm |
| Roller Ø                       | 31   | mm |
| Plate thickness B <sub>1</sub> | 13,8 | mm |



### CHAIN SPROCKETS P50

### ROLLER 25

### ROLLER 31

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | D <sub>1</sub> | d <sub>m</sub> | A    | kg.   | PART NUMBER | d <sub>e</sub> | d <sub>p</sub> | D <sub>1</sub> | d <sub>m</sub> | A    | kg.   |
|----|----------------|----------------|-------------|----------------|----------------|------|-------|-------------|----------------|----------------|----------------|----------------|------|-------|
| 6  | 115,0          | 100,0          | 14502506    | 20             | 60             | 40,5 | 1,11  | 14503106    | 116,2          | 100            | 20             | 60             | 43,8 | 1,18  |
| 7  | 132,7          | 115,24         | 14502507    | 20             | 60             | 40,5 | 1,37  | 14503107    | 133,8          | 115,24         | 20             | 60             | 43,8 | 1,44  |
| 8  | 148,1          | 130,6          | 14502508    | 20             | 60             | 40,5 | 1,55  | 14503108    | 152,3          | 130,6          | 20             | 60             | 43,8 | 1,72  |
| 9  | 163,7          | 146,2          | 14502509    | 20             | 60             | 40,5 | 1,89  | 14503109    | 167,9          | 146,2          | 20             | 60             | 43,8 | 2,05  |
| 10 | 179,3          | 161,85         | 14502510    | 25             | 90             | 43,3 | 3,10  | 14503110    | 183,5          | 161,85         | 25             | 90             | 46,6 | 4,40  |
| 11 | 195,0          | 177,5          | 14502511    | 25             | 90             | 43,3 | 3,44  | 14503111    | 199,2          | 177,5          | 25             | 90             | 46,6 | 3,80  |
| 12 | 211,0          | 193,2          | 14502512    | 25             | 90             | 43,3 | 4,79  | 14503112    | 212,0          | 193,2          | 25             | 90             | 46,6 | 4,30  |
| 13 | 226,4          | 208,95         | 14502513    | 30             | 90             | 43,3 | 4,17  | 14503113    | 230,6          | 208,95         | 30             | 90             | 46,6 | 4,78  |
| 14 | 242,2          | 224,7          | 14502514    | 30             | 90             | 43,3 | 4,63  | 14503114    | 246,4          | 224,7          | 30             | 90             | 46,6 | 5,37  |
| 15 | 257,9          | 240,45         | 14502515    | 30             | 90             | 43,3 | 5,09  | 14503115    | 262,1          | 240,45         | 30             | 90             | 46,6 | 5,98  |
| 16 | 273,8          | 456,3          | 14502516    | 30             | 110            | 55,4 | 8,26  | 14503116    | 278,0          | 256,3          | 30             | 110            | 58,7 | 9,05  |
| 17 | 289,5          | 272,05         | 14502517    | 30             | 110            | 55,4 | 9,10  |             |                |                |                |                |      |       |
| 18 | 305,4          | 287,95         | 14502518    | 30             | 110            | 55,4 | 9,26  | 14503118    | 309,6          | 287,95         | 30             | 110            | 58,7 | 10,30 |
| 19 |                |                |             |                |                |      |       | 14503119    | 325,5          | 303,8          | 30             | 110            | 58,7 | 11,10 |
| 20 | 337,1          | 319,6          | 14502520    | 30             | 110            | 55,4 | 10,42 | 14503120    | 341,3          | 319,6          | 30             | 110            | 58,7 | 11,90 |
| 21 | 352,9          | 335,45         | 14502521    | 30             | 110            | 55,4 | 11,71 |             |                |                |                |                |      |       |
| 22 |                |                |             |                |                |      |       | 14503122    | 373,0          | 351,35         | 30             | 110            | 58,7 | 13,54 |
| 23 |                |                |             |                |                |      |       | 14503123    | 388,9          | 367,2          | 30             | 110            | 58,7 | 14,38 |
| 24 | 400,0          | 383,05         | 14502524    | 30             | 110            | 55,4 | 13,00 | 14503124    | 404,7          | 383,05         | 30             | 110            | 58,7 | 15,35 |
| 25 | 416,4          | 398,95         | 14502525    | 30             | 110            | 55,4 | 13,98 | 14503125    | 419,7          | 398,95         | 30             | 110            | 58,7 | 16,40 |
| 26 | 432,3          | 414,8          | 14502526    | 30             | 133            | 61,1 | 15,20 | 14503126    | 436,5          | 414,8          | 30             | 133            | 64,4 | 18,81 |
| 27 | 448,2          | 430,7          | 14502527    | 30             | 133            | 61,1 | 17,03 | 14503127    | 452,4          | 430,7          | 30             | 133            | 64,4 | 19,00 |
| 28 | 464,0          | 446,55         | 14502528    | 30             | 133            | 61,1 | 18,62 | 14503128    | 468,2          | 446,55         | 30             | 133            | 64,4 | 21,00 |
| 30 | 495,8          | 478,35         | 14502530    | 30             | 133            | 61,1 | 20,29 |             |                |                |                |                |      |       |
| 32 |                |                |             |                |                |      |       | 14503132    | 531,8          | 510,1          | 30             | 133            | 64,4 | 25,93 |
| 35 |                |                |             |                |                |      |       | 14503135    | 579,5          | 557,8          | 30             | 133            | 64,4 | 28,40 |
| 38 | 622,9          | 605,45         | 14502538    | 30             | 133            | 61,1 | 26,97 | 14503138    | 622            | 605,45         | 30             | 133            | 64,4 | 32,10 |

ALL THE CHAIN SPROCKETS FOR  
TRANSPORTERS AND ELEVATORS  
ARE REALIZED WITH WELDED HUB.

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# CHAIN SPROCKETS FOR CONVEYORS AND ELEVATORS

51

1

## CHAIN SPROCKETS P75 R 31

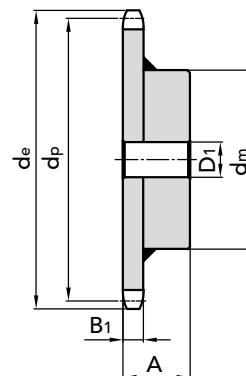
### CHAIN

|                                |      |    |
|--------------------------------|------|----|
| Pitch                          | 75   | mm |
| Inner width                    | 15   | mm |
| Roller Ø                       | 31   | mm |
| Plate thickness B <sub>1</sub> | 13,8 | mm |

### CHAIN SPROCKETS P75

### ROLLER 31

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | D <sub>1</sub> | d <sub>m</sub> | A    | kg.   |
|----|----------------|----------------|-------------|----------------|----------------|------|-------|
| 8  | 217,6          | 195,98         | 14753108    | 30             | 90             | 46,6 | 4,52  |
| 9  | 241            | 219,3          | 14753109    | 30             | 90             | 46,6 | 5,36  |
| 10 | 264,4          | 242,77         | 14753110    | 30             | 110            | 58,7 | 8,70  |
| 11 | 287,9          | 266,25         | 14753111    | 30             | 110            | 58,7 | 9,60  |
| 12 | 311,5          | 289,8          | 14753112    | 30             | 110            | 58,7 | 10,73 |
| 13 | 334,1          | 313,42         | 14753113    | 30             | 110            | 58,7 | 11,83 |
| 14 | 358,7          | 337,05         | 14753114    | 30             | 110            | 58,7 | 11,83 |
| 15 | 382,3          | 360,67         | 14753115    | 30             | 110            | 58,7 | 14,45 |
| 16 | 406,1          | 384,45         | 14753116    | 30             | 133            | 64,4 | 17,43 |
| 17 | 429,7          | 408,07         | 14753117    | 30             | 133            | 64,4 | 17,43 |
| 21 | 524,8          | 503,17         | 14753121    | 30             | 133            | 64,4 | 26,07 |
| 25 | 620,1          | 598,42         | 14753125    | 30             | 133            | 64,4 | 26,07 |



## CHAIN SPROCKETS P100 R 31 - 40

### CHAIN

|                                |      |    |
|--------------------------------|------|----|
| Pitch                          | 100  | mm |
| Inner width                    | 15   | mm |
| Roller Ø                       | 31   | mm |
| Plate thickness B <sub>1</sub> | 13,8 | mm |

### CHAIN

|                                |     |    |
|--------------------------------|-----|----|
| Pitch                          | 100 | mm |
| Inner width                    | 22  | mm |
| Roller Ø                       | 40  | mm |
| Plate thickness B <sub>1</sub> | 20  | mm |

ALL THE CHAIN SPROCKETS FOR  
TRANSPORTERS AND ELEVATORS  
ARE REALIZED WITH WELDED HUB.

### CHAIN SPROCKETS P100

### ROLLER 31

### ROLLER 40

| Z  | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | D <sub>1</sub> | d <sub>m</sub> | A    | kg.   | PART NUMBER | d <sub>e</sub> | d <sub>p</sub> | D <sub>1</sub> | d <sub>m</sub> | A    | kg.   |
|----|----------------|----------------|-------------|----------------|----------------|------|-------|-------------|----------------|----------------|----------------|----------------|------|-------|
| 8  | 282,9          | 261,31         | 14993108    | 30             | 110            | 58,7 | 9,67  | 14994008    | 283            | 261,31         | 30             | 110            | 65   | 11,97 |
| 9  | 314,1          | 292,4          | 14993109    | 30             | 110            | 58,7 | 10,95 | 14994009    | 314            | 292,4          | 30             | 110            | 65   | 14,04 |
| 10 | 345,4          | 323,61         | 14993110    | 30             | 110            | 58,7 | 12,63 | 14994010    | 345            | 323,61         | 30             | 110            | 65   | 16,35 |
| 11 | 376,7          | 354,95         | 14993111    | 30             | 110            | 58,7 | 12,14 | 14994011    | 378            | 354,95         | 30             | 110            | 65   | 18,82 |
| 12 | 408,1          | 386,4          | 14993112    | 30             | 110            | 58,7 | 16,51 | 14994012    | 409            | 386,4          | 30             | 110            | 65   | 21,58 |
| 13 | 139,6          | 417,9          | 14993113    | 30             | 110            | 58,7 | 18,51 |             |                |                |                |                |      |       |
| 14 |                |                |             |                |                |      |       | 14994014    | 473            | 449,4          | 30             | 110            | 65   | 28,14 |
| 15 |                |                |             |                |                |      |       |             |                |                |                |                |      |       |
| 16 | 534,3          | 512,6          | 14993116    | 30             | 133            | 64,4 | 27,16 | 14994016    | 536            | 512,6          | 30             | 133            | 70,6 | 33,87 |
| 17 | 565,8          | 544,1          | 14993117    | 30             | 133            | 64,4 | 30,01 |             |                |                |                |                |      |       |
| 18 | 597,6          | 575,9          | 14993118    | 30             | 133            | 64,4 | 51,20 |             |                |                |                |                |      |       |
| 19 |                |                |             |                |                |      |       |             |                |                |                |                |      |       |
| 20 |                |                |             |                |                |      |       | 14994020    | 663            | 639,2          | 30             | 133            | 70,6 | 48,50 |

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[www.chiaravalli.com](http://www.chiaravalli.com)

Quantity, availability and prices  
on B2B Chiaravalli

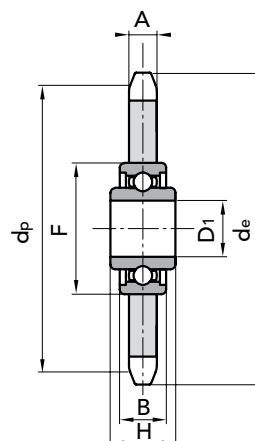
CHAIN SPROCKETS FOR CONVEYORS AND ELEVATORS



## WITH BEARING

## INA KRR-AH02-C5

Our chain tensioning sprockets are supplied complete with bearing, ready for assembly in special tension or transmission points. The accurate machining and stable assembly on a dual protective shield ball bearing ensure greater resistance to loads and wear. The central elongated ring of the bearing facilitates assembly on special machines of every type.



| Z  | PITCH         | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | A    | D1                                     | F  | B  | H    | kg.  |
|----|---------------|----------------|----------------|-------------|------|----------------------------------------|----|----|------|------|
| 23 | 8 x 3         | 62,15          | 58,75          | 30008123    | 2,8  | 16 <sup>+0,26</sup> / <sub>+0,13</sub> | 40 | 12 | 18,3 | 0,13 |
| 21 | 3/8" x 7/32"  | 68,00          | 63,90          | 30009121    | 5,3  | 16 <sup>+0,26</sup> / <sub>+0,13</sub> | 40 | 12 | 18,3 | 0,15 |
| 18 | 1/2" x 1/8"   | 78,90          | 73,14          | 30010118    | 3,0  | 16 <sup>+0,26</sup> / <sub>+0,13</sub> | 40 | 12 | 18,3 | 0,18 |
| 18 | 1/2" x 3/16"  | 78,90          | 73,13          | 30011118    | 4,5  | 16 <sup>+0,26</sup> / <sub>+0,13</sub> | 40 | 12 | 18,3 | 0,20 |
| 16 | 1/2" x 5/16"  | 69,50          | 65,10          | 30012116    | 7,2  | 16 <sup>+0,26</sup> / <sub>+0,13</sub> | 40 | 12 | 18,3 | 0,17 |
| 18 | 1/2" x 5/16"  | 77,80          | 73,14          | 30012118    | 7,2  | 16 <sup>+0,26</sup> / <sub>+0,13</sub> | 40 | 12 | 18,3 | 0,22 |
| 14 | 5/8" x 3/8"   | 78,00          | 71,34          | 30015114    | 9,1  | 16 <sup>+0,26</sup> / <sub>+0,13</sub> | 40 | 12 | 18,3 | 0,23 |
| 15 | 5/8" x 3/8"   | 83,00          | 76,36          | 30015115    | 9,1  | 16 <sup>+0,26</sup> / <sub>+0,13</sub> | 40 | 12 | 18,3 | 0,27 |
| 17 | 5/8" x 3/8"   | 93,00          | 86,39          | 30015117    | 9,1  | 16 <sup>+0,26</sup> / <sub>+0,13</sub> | 40 | 12 | 18,3 | 0,36 |
| 13 | 3/4" x 7/16"  | 87,50          | 79,59          | 30019113    | 11,1 | 16 <sup>+0,26</sup> / <sub>+0,13</sub> | 40 | 12 | 18,3 | 0,34 |
| 15 | 3/4" x 7/16"  | 99,80          | 91,63          | 30019115    | 11,1 | 16 <sup>+0,26</sup> / <sub>+0,13</sub> | 40 | 12 | 18,3 | 0,47 |
| 12 | 1" x 17.02    | 109,00         | 98,14          | 30025112    | 16,2 | 20 <sup>+0</sup> / <sub>+0,1</sub>     | 47 | 14 | 17,7 | 0,72 |
| 13 | 1" 1/4 x 3/4" | 147,80         | 132,65         | 30031113    | 18,5 | 25 <sup>+0</sup> / <sub>+0,1</sub>     | 52 | 15 | 21,0 | 1,64 |

CAD drawings available on our site  
[www.chiaravalli.com5](http://www.chiaravalli.com5)

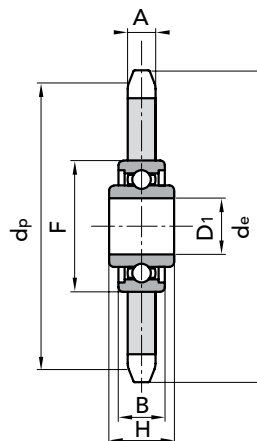
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## WITH ECONOMIC BEARING

Our chain tensioning sprockets are supplied complete with bearing, ready for assembly in special tension or transmission points. The accurate machining and stable assembly on a dual protective shield ball bearing ensure greater resistance to loads and wear. The central elongated ring of the bearing facilitates assembly on special machines of every type.



IDLER SPROCKET

| Z  | PITCH        | d <sub>e</sub> | d <sub>p</sub> | PART NUMBER | A    | D1                    | F  | B  | H    | kg.  |
|----|--------------|----------------|----------------|-------------|------|-----------------------|----|----|------|------|
| 23 | 8 x 3        | 62,15          | 58,75          | 30008023    | 2,8  | 16 $^{+0,26}_{+0,13}$ | 40 | 12 | 18,3 | 0,13 |
| 21 | 3/8" x 7/32" | 68,00          | 63,90          | 30009021    | 5,3  | 16 $^{+0,26}_{+0,13}$ | 40 | 12 | 18,3 | 0,15 |
| 22 | 3/8" x 7/32" | 71,00          | 66,93          | 30009022    | 5,3  | 16 $^{+0,26}_{+0,13}$ | 40 | 12 | 18,3 | 0,16 |
| 18 | 1/2" x 1/8"  | 78,90          | 73,14          | 30010018    | 3,0  | 16 $^{+0,26}_{+0,13}$ | 40 | 12 | 18,3 | 0,18 |
| 15 | 1/2" x 3/16" | 66,80          | 61,09          | 30011015    | 4,5  | 16 $^{+0,26}_{+0,13}$ | 40 | 12 | 18,3 | 0,16 |
| 16 | 1/2" x 3/16" | 70,90          | 65,10          | 30011016    | 4,5  | 16 $^{+0,26}_{+0,13}$ | 40 | 12 | 18,3 | 0,17 |
| 18 | 1/2" x 3/16" | 78,90          | 73,13          | 30011018    | 4,5  | 16 $^{+0,26}_{+0,13}$ | 40 | 12 | 18,3 | 0,20 |
| 14 | 1/2" x 5/16" | 61,80          | 57,07          | 30012014    | 7,2  | 16 $^{+0,26}_{+0,13}$ | 40 | 12 | 18,3 | 0,13 |
| 16 | 1/2" x 5/16" | 69,50          | 65,10          | 30012016    | 7,2  | 16 $^{+0,26}_{+0,13}$ | 40 | 12 | 18,3 | 0,17 |
| 18 | 1/2" x 5/16" | 77,80          | 73,14          | 30012018    | 7,2  | 16 $^{+0,26}_{+0,13}$ | 40 | 12 | 18,3 | 0,22 |
| 14 | 5/8" x 3/8"  | 78,00          | 71,34          | 30015014    | 9,1  | 16 $^{+0,26}_{+0,13}$ | 40 | 12 | 18,3 | 0,23 |
| 15 | 5/8" x 3/8"  | 83,00          | 76,36          | 30015015    | 9,1  | 16 $^{+0,26}_{+0,13}$ | 40 | 12 | 18,3 | 0,27 |
| 17 | 5/8" x 3/8"  | 93,00          | 86,39          | 30015017    | 9,1  | 16 $^{+0,26}_{+0,13}$ | 40 | 12 | 18,3 | 0,36 |
| 13 | 3/4" x 7/16" | 87,50          | 79,59          | 30019013    | 11,1 | 16 $^{+0,26}_{+0,13}$ | 40 | 12 | 18,3 | 0,34 |
| 15 | 3/4" x 7/16" | 99,80          | 91,63          | 30019015    | 11,1 | 16 $^{+0,26}_{+0,13}$ | 40 | 12 | 18,3 | 0,47 |
| 12 | 1" x 17.02   | 109,00         | 98,14          | 30025012    | 16,2 | 20 $^{+0}_{+0,1}$     | 47 | 14 | 17,7 | 0,72 |
| 13 | 1"1/4 x 3/4" | 147,80         | 132,65         | 30031013    | 18,5 | 25 $^{+0}_{+0,1}$     | 52 | 15 | 21,0 | 1,64 |



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