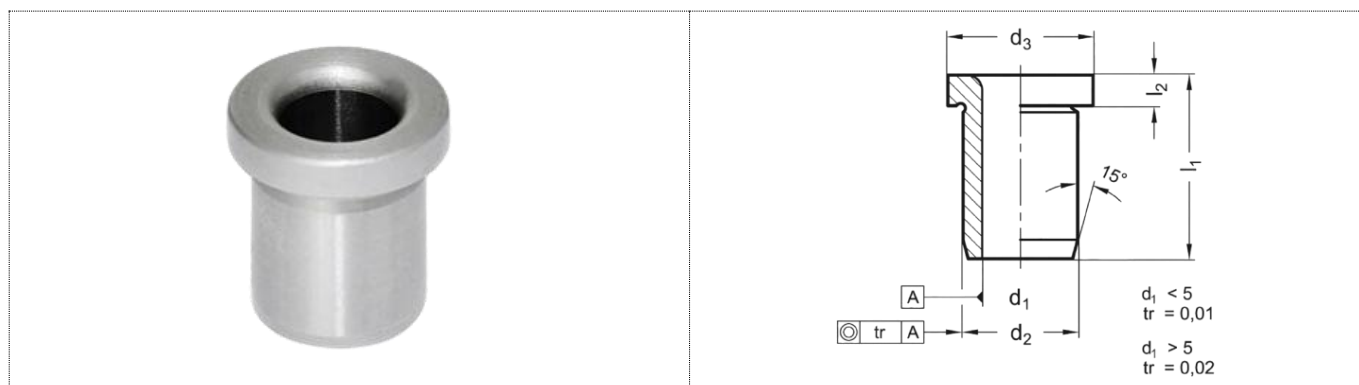


# DIN 172 - ST BUCHA DE GUIA

Buchas de perfuração, com colar

- Tipo **A**: Furo arredondado unilateral
- Aço
- Endurecido (HRC 62  $\pm$ 2)
- Tamanho adequado  $d_1 / d_2$  solo



| Descrição        | $d_1$ F7 | $eu_1$ | $d_2$ n6 | $d_3$ | $eu_2$ |  |
|------------------|----------|--------|----------|-------|--------|---------------------------------------------------------------------------------------|
| DIN 172-B0,6-6-A | B0,6     | 6      | 3        | 6     | 2      | 1                                                                                     |
| DIN 172-B0,7-6-A | B0,7     | 6      | 3        | 6     | 2      | 1                                                                                     |
| DIN 172-B0,8-6-A | B0,8     | 6      | 3        | 6     | 2      | 1                                                                                     |
| DIN 172-B0,9-6-A | B0,9     | 6      | 3        | 6     | 2      | 1                                                                                     |
| DIN 172-B0,9-9-A | B0,9     | 9      | 3        | 6     | 2      | 1                                                                                     |
| DIN 172-B1-6-A   | B1       | 6      | 3        | 6     | 2      | 1                                                                                     |
| DIN 172-B1-9-A   | B1       | 9      | 3        | 6     | 2      | 1                                                                                     |
| DIN 172-B1,1-6-A | B1.1     | 6      | 4        | 7     | 2      | 1                                                                                     |
| DIN 172-B1,1-9-A | B1.1     | 9      | 4        | 7     | 2      | 1                                                                                     |
| DIN 172-B1,2-6-A | B1.2     | 6      | 4        | 7     | 2      | 1                                                                                     |
| DIN 172-B1,2-9-A | B1.2     | 9      | 4        | 7     | 2      | 1                                                                                     |

|                         |               |   |   |   |     |   |
|-------------------------|---------------|---|---|---|-----|---|
| <b>DIN 172-B1,3-6-A</b> | B1.3          | 6 | 4 | 7 | 2   | 1 |
| <b>DIN 172-B1,3-9-A</b> | B1.3          | 9 | 4 | 7 | 2   | 2 |
| <b>DIN 172-B1,4-6-A</b> | B1.4 – Aula 1 | 6 | 4 | 7 | 2   | 1 |
| <b>DIN 172-B1,4-9-A</b> | B1.4 – Aula 1 | 9 | 4 | 7 | 2   | 1 |
| <b>DIN 172-B1,5-6-A</b> | B1.5          | 6 | 4 | 7 | 2   | 1 |
| <b>DIN 172-B1,5-9-A</b> | B1.5          | 9 | 4 | 7 | 2   | 2 |
| <b>DIN 172-B1,6-6-A</b> | B1.6          | 6 | 4 | 7 | 2   | 1 |
| <b>DIN 172-B1,6-9-A</b> | B1.6          | 9 | 4 | 7 | 2   | 2 |
| <b>DIN 172-B1,7-6-A</b> | B1.7          | 6 | 4 | 7 | 2   | 1 |
| <b>DIN 172-B1,7-9-A</b> | B1.7          | 9 | 4 | 7 | 2   | 1 |
| <b>DIN 172-B1,8-6-A</b> | B1.8 – Aula 1 | 6 | 4 | 7 | 2   | 1 |
| <b>DIN 172-B1,8-9-A</b> | B1.8 – Aula 1 | 9 | 4 | 7 | 2   | 1 |
| <b>DIN 172-B1,9-6-A</b> | B1.9 – Aula 1 | 6 | 5 | 8 | 2   | 1 |
| <b>DIN 172-B1,9-9-A</b> | B1.9 – Aula 1 | 9 | 5 | 8 | 2   | 2 |
| <b>DIN 172-B2-6-A</b>   | B2            | 6 | 5 | 8 | 2   | 1 |
| <b>DIN 172-B2,1-6-A</b> | B2.1          | 6 | 5 | 8 | 2   | 1 |
| <b>DIN 172-B2,2-6-A</b> | B2.2          | 6 | 5 | 8 | 2   | 1 |
| <b>DIN 172-B2,3-6-A</b> | B2.3          | 6 | 5 | 8 | 2   | 1 |
| <b>DIN 172-B2,4-6-A</b> | B2.4          | 6 | 5 | 8 | 2   | 1 |
| <b>DIN 172-B2,5-6-A</b> | B2,5          | 6 | 5 | 8 | 2   | 1 |
| <b>DIN 172-B2,6-6-A</b> | B,2.6         | 6 | 5 | 8 | 2   | 1 |
| <b>DIN 172-B2-9-A</b>   | B2            | 9 | 5 | 8 | 2   | 2 |
| <b>DIN 172-B2,1-9-A</b> | B2.1          | 9 | 5 | 8 | 2   | 2 |
| <b>DIN 172-B2,2-9-A</b> | B2.2          | 9 | 5 | 8 | 2   | 2 |
| <b>DIN 172-B2,3-9-A</b> | B2.3          | 9 | 5 | 8 | 2   | 2 |
| <b>DIN 172-B2,4-9-A</b> | B2.4          | 9 | 5 | 8 | 2   | 1 |
| <b>DIN 172-B2,5-9-A</b> | B2.5          | 9 | 5 | 8 | 2   | 1 |
| <b>DIN 172-B2,6-9-A</b> | B2.6          | 9 | 5 | 8 | 2   | 1 |
| <b>DIN 172-B2,7-8-A</b> | B2.7          | 8 | 6 | 9 | 2.5 | 2 |

|                          |      |    |   |    |     |   |
|--------------------------|------|----|---|----|-----|---|
| <b>DIN 172-B2,7-12-A</b> | B2.7 | 12 | 6 | 9  | 2.5 | 3 |
| <b>DIN 172-B2,7-16-A</b> | B2.7 | 16 | 6 | 9  | 2.5 | 3 |
| <b>DIN 172-B2,8-8-A</b>  | B2.8 | 8  | 6 | 9  | 2.5 | 2 |
| <b>DIN 172-B2,8-12-A</b> | B2.8 | 12 | 6 | 9  | 2.5 | 3 |
| <b>DIN 172-B2,8-16-A</b> | B2.8 | 16 | 6 | 9  | 2.5 | 3 |
| <b>DIN 172-B2,9-8-A</b>  | B2.9 | 8  | 6 | 9  | 2.5 | 2 |
| <b>DIN 172-B2,9-12-A</b> | B2.9 | 12 | 6 | 9  | 2.5 | 2 |
| <b>DIN 172-B2,9-16-A</b> | B2.9 | 16 | 6 | 9  | 2.5 | 3 |
| <b>DIN 172-B3-8-A</b>    | B3   | 8  | 6 | 9  | 2.5 | 2 |
| <b>DIN 172-B3-12-A</b>   | B3   | 12 | 6 | 9  | 2.5 | 3 |
| <b>DIN 172-B3-16-A</b>   | B3   | 16 | 6 | 9  | 2.5 | 5 |
| <b>DIN 172-B3,1-8-A</b>  | B3.1 | 8  | 6 | 9  | 2.5 | 2 |
| <b>DIN 172-B3,1-12-A</b> | B3.1 | 12 | 6 | 9  | 2.5 | 3 |
| <b>DIN 172-B3,1-16-A</b> | B3.1 | 16 | 6 | 9  | 2.5 | 2 |
| <b>DIN 172-B3,2-8-A</b>  | B3.2 | 8  | 6 | 9  | 2.5 | 2 |
| <b>DIN 172-B3,2-12-A</b> | B3.2 | 12 | 6 | 9  | 2.5 | 2 |
| <b>DIN 172-B3,2-16-A</b> | B3.2 | 16 | 6 | 9  | 2.5 | 4 |
| <b>DIN 172-B3,3-8-A</b>  | B3.3 | 8  | 6 | 9  | 2.5 | 2 |
| <b>DIN 172-B3,3-12-A</b> | B3.3 | 12 | 6 | 9  | 2.5 | 2 |
| <b>DIN 172-B3,3-16-A</b> | B3.3 | 16 | 6 | 9  | 2.5 | 4 |
| <b>DIN 172-B3,4-8-A</b>  | B3.4 | 8  | 6 | 9  | 2.5 | 2 |
| <b>DIN 172-B3,4-12-A</b> | B3.4 | 12 | 7 | 10 | 2.5 | 3 |
| <b>DIN 172-B3,4-16-A</b> | B3.5 | 16 | 7 | 10 | 2.5 | 4 |
| <b>DIN 172-B3,5-8-A</b>  | B3.5 | 8  | 7 | 10 | 2.5 | 2 |
| <b>DIN 172-B3,5-12-A</b> | B3.5 | 12 | 7 | 10 | 2.5 | 3 |
| <b>DIN 172-B3,5-16-A</b> | B3.6 | 16 | 7 | 10 | 2.5 | 4 |
| <b>DIN 172-B3,6-8-A</b>  | B3.6 | 8  | 7 | 10 | 2.5 | 2 |
| <b>DIN 172-B3,6-12-A</b> | B3.6 | 12 | 7 | 10 | 2.5 | 3 |
| <b>DIN 172-B3,6-16-A</b> | B3.7 | 16 | 7 | 10 | 2.5 | 4 |

|                          |      |    |   |    |     |   |
|--------------------------|------|----|---|----|-----|---|
| <b>DIN 172-B3,7-8-A</b>  | B3.7 | 8  | 7 | 10 | 2.5 | 2 |
| <b>DIN 172-B3,7-12-A</b> | B3.7 | 12 | 7 | 10 | 2.5 | 3 |
| <b>DIN 172-B3,7-16-A</b> | B3.8 | 16 | 7 | 10 | 2.5 | 4 |
| <b>DIN 172-B3,8-8-A</b>  | B3.8 | 8  | 7 | 10 | 2.5 | 3 |
| <b>DIN 172-B3,8-12-A</b> | B3.9 | 12 | 7 | 10 | 2.5 | 3 |
| <b>DIN 172-B3,8-16-A</b> | B3.9 | 16 | 7 | 10 | 2.5 | 5 |
| <b>DIN 172-B3,9-8-A</b>  | B3.9 | 8  | 7 | 10 | 2.5 | 2 |
| <b>DIN 172-B3,9-12-A</b> | B4   | 12 | 7 | 10 | 2.5 | 3 |
| <b>DIN 172-B3,9-16-A</b> | B4   | 16 | 7 | 10 | 2.5 | 4 |
| <b>DIN 172-B4-8-A</b>    | B4   | 8  | 7 | 10 | 2.5 | 2 |
| <b>DIN 172-B4-12-A</b>   | B4   | 12 | 7 | 10 | 2.5 | 4 |
| <b>DIN 172-B4-16-A</b>   | B4.1 | 16 | 7 | 10 | 2.5 | 4 |
| <b>DIN 172-B4,1-8-A</b>  | B4.1 | 8  | 8 | 11 | 2.5 | 3 |
| <b>DIN 172-B4,1-12-A</b> | B4.1 | 12 | 8 | 11 | 2.5 | 4 |
| <b>DIN 172-B4,1-16-A</b> | B4.1 | 16 | 8 | 11 | 2.5 | 6 |
| <b>DIN 172-B4,2-8-A</b>  | B4.2 | 8  | 8 | 11 | 2.5 | 3 |
| <b>DIN 172-B4,2-12-A</b> | B4.2 | 12 | 8 | 11 | 2.5 | 4 |
| <b>DIN 172-B4,2-16-A</b> | B4.2 | 16 | 8 | 11 | 2.5 | 2 |
| <b>DIN 172-B4,3-8-A</b>  | B4.3 | 8  | 8 | 11 | 2.5 | 3 |
| <b>DIN 172-B4,3-12-A</b> | B4.3 | 12 | 8 | 11 | 2.5 | 4 |
| <b>DIN 172-B4,3-16-A</b> | B4.3 | 16 | 8 | 11 | 2.5 | 5 |
| <b>DIN 172-B4,4-8-A</b>  | B4.4 | 8  | 8 | 11 | 2.5 | 3 |
| <b>DIN 172-B4,4-12-A</b> | B4.4 | 12 | 8 | 11 | 2.5 | 4 |
| <b>DIN 172-B4,4-16-A</b> | B4.4 | 16 | 8 | 11 | 2.5 | 5 |
| <b>DIN 172-B4,5-8-A</b>  | B4.5 | 8  | 8 | 11 | 2.5 | 3 |
| <b>DIN 172-B4,5-12-A</b> | B4.5 | 12 | 8 | 11 | 2.5 | 4 |
| <b>DIN 172-B4,5-16-A</b> | B4.5 | 16 | 8 | 11 | 2.5 | 2 |
| <b>DIN 172-B4,6-8-A</b>  | B4.6 | 8  | 8 | 11 | 2.5 | 3 |
| <b>DIN 172-B4,6-12-A</b> | B4.6 | 12 | 8 | 11 | 2.5 | 4 |

|                          |      |    |    |    |     |   |
|--------------------------|------|----|----|----|-----|---|
| <b>DIN 172-B4,6-16-A</b> | B4.6 | 16 | 8  | 11 | 2.5 | 5 |
| <b>DIN 172-B4,7-8-A</b>  | B4.7 | 8  | 8  | 11 | 2.5 | 3 |
| <b>DIN 172-B4,7-12-A</b> | B4.7 | 12 | 8  | 11 | 2.5 | 4 |
| <b>DIN 172-B4,7-16-A</b> | B4.7 | 16 | 8  | 11 | 2.5 | 5 |
| <b>DIN 172-B4,8-8-A</b>  | B4.8 | 8  | 8  | 11 | 2.5 | 3 |
| <b>DIN 172-B4,8-12-A</b> | B4.8 | 12 | 8  | 11 | 2.5 | 4 |
| <b>DIN 172-B4,8-16-A</b> | B4.8 | 16 | 8  | 11 | 2.5 | 5 |
| <b>DIN 172-B4,9-8-A</b>  | B4.9 | 8  | 8  | 11 | 2.5 | 3 |
| <b>DIN 172-B4,9-12-A</b> | B4.9 | 12 | 8  | 11 | 2.5 | 4 |
| <b>DIN 172-B4,9-16-A</b> | B4.9 | 16 | 8  | 11 | 2.5 | 5 |
| <b>DIN 172-B5-8-A</b>    | B5   | 8  | 8  | 11 | 2.5 | 3 |
| <b>DIN 172-B5-12-A</b>   | B5   | 12 | 8  | 11 | 2.5 | 4 |
| <b>DIN 172-B5-16-A</b>   | B5   | 16 | 8  | 11 | 2.5 | 2 |
| <b>DIN 172-B5,1-10-A</b> | B5.1 | 10 | 10 | 13 | 3   | 6 |
| <b>DIN 172-B5,2-10-A</b> | B5.2 | 10 | 10 | 13 | 3   | 6 |
| <b>DIN 172-B5,3-10-A</b> | B5.3 | 10 | 10 | 13 | 3   | 6 |
| <b>DIN 172-B5,4-10-A</b> | B5.4 | 10 | 10 | 13 | 3   | 5 |
| <b>DIN 172-B5,5-10-A</b> | B5.5 | 10 | 10 | 13 | 3   | 5 |
| <b>DIN 172-B5,6-10-A</b> | B5.6 | 10 | 10 | 13 | 3   | 5 |
| <b>DIN 172-B5,7-10-A</b> | B5.7 | 10 | 10 | 13 | 3   | 5 |
| <b>DIN 172-B5,8-10-A</b> | B5.8 | 10 | 10 | 13 | 3   | 5 |
| <b>DIN 172-B5,9-10-A</b> | B5.9 | 10 | 10 | 13 | 3   | 5 |
| <b>DIN 172-B5,1-16-A</b> | B5.1 | 16 | 10 | 13 | 3   | 8 |
| <b>DIN 172-B5,2-16-A</b> | B5.2 | 16 | 10 | 13 | 3   | 8 |
| <b>DIN 172-B5,3-16-A</b> | B5.3 | 16 | 10 | 13 | 3   | 8 |
| <b>DIN 172-B5,4-16-A</b> | B5.4 | 16 | 10 | 13 | 3   | 8 |
| <b>DIN 172-B5,5-16-A</b> | B5.5 | 16 | 10 | 13 | 3   | 8 |
| <b>DIN 172-B5,6-16-A</b> | B5.6 | 16 | 10 | 13 | 3   | 8 |
| <b>DIN 172-B5,7-16-A</b> | B5.7 | 16 | 10 | 13 | 3   | 8 |

|                          |      |    |    |    |   |    |
|--------------------------|------|----|----|----|---|----|
| <b>DIN 172-B5,8-16-A</b> | B5.8 | 16 | 10 | 13 | 3 | 8  |
| <b>DIN 172-B5,9-16-A</b> | B5.9 | 16 | 10 | 13 | 3 | 7  |
| <b>DIN 172-B5,1-20-A</b> | B5.1 | 20 | 10 | 13 | 3 | 10 |
| <b>DIN 172-B5,2-20-A</b> | B5.2 | 20 | 10 | 13 | 3 | 10 |
| <b>DIN 172-B5,3-20-A</b> | B5.3 | 20 | 10 | 13 | 3 | 10 |
| <b>DIN 172-B5,4-20-A</b> | B5.4 | 20 | 10 | 13 | 3 | 10 |
| <b>DIN 172-B5,5-20-A</b> | B5.5 | 20 | 10 | 13 | 3 | 2  |
| <b>DIN 172-B5,6-20-A</b> | B5.6 | 20 | 10 | 13 | 3 | 10 |
| <b>DIN 172-B5,7-20-A</b> | B5.7 | 20 | 10 | 13 | 3 | 9  |
| <b>DIN 172-B5,8-20-A</b> | B5.8 | 20 | 10 | 13 | 3 | 2  |
| <b>DIN 172-B5,9-20-A</b> | B5.9 | 20 | 10 | 13 | 3 | 9  |
| <b>DIN 172-B6-10-A</b>   | B6   | 10 | 10 | 13 | 3 | 5  |
| <b>DIN 172-B6-16-A</b>   | B6   | 16 | 10 | 13 | 3 | 7  |
| <b>DIN 172-B6-20-A</b>   | B6   | 20 | 10 | 13 | 3 | 9  |
| <b>DIN 172-B6,1-10-A</b> | B6.1 | 10 | 12 | 15 | 3 | 8  |
| <b>DIN 172-B6,1-16-A</b> | B6.1 | 16 | 12 | 15 | 3 | 12 |
| <b>DIN 172-B6,1-20-A</b> | B6.1 | 20 | 12 | 15 | 3 | 15 |
| <b>DIN 172-B6,2-10-A</b> | B6.2 | 10 | 12 | 15 | 3 | 8  |
| <b>DIN 172-B6,2-16-A</b> | B6.2 | 16 | 12 | 15 | 3 | 11 |
| <b>DIN 172-B6,2-20-A</b> | B6.2 | 20 | 12 | 15 | 3 | 14 |
| <b>DIN 172-B6,3-10-A</b> | B6.3 | 10 | 12 | 15 | 3 | 8  |
| <b>DIN 172-B6,3-16-A</b> | B6.3 | 16 | 12 | 15 | 3 | 11 |
| <b>DIN 172-B6,3-20-A</b> | B6.3 | 20 | 12 | 15 | 3 | 14 |
| <b>DIN 172-B6,4-10-A</b> | B6.4 | 10 | 12 | 15 | 3 | 8  |
| <b>DIN 172-B6,4-16-A</b> | B6.4 | 16 | 12 | 15 | 3 | 11 |
| <b>DIN 172-B6,4-20-A</b> | B6.4 | 20 | 12 | 15 | 3 | 14 |
| <b>DIN 172-B6,5-10-A</b> | B6.5 | 10 | 12 | 15 | 3 | 7  |
| <b>DIN 172-B6,5-16-A</b> | B6.5 | 16 | 12 | 15 | 3 | 11 |
| <b>DIN 172-B6,5-20-A</b> | B6.5 | 20 | 12 | 15 | 3 | 14 |

|                          |      |    |    |    |   |    |
|--------------------------|------|----|----|----|---|----|
| <b>DIN 172-B6,6-10-A</b> | B6.6 | 10 | 12 | 15 | 3 | 8  |
| <b>DIN 172-B6,6-16-A</b> | B6.6 | 16 | 12 | 15 | 3 | 11 |
| <b>DIN 172-B6,6-20-A</b> | B6.6 | 20 | 12 | 15 | 3 | 13 |
| <b>DIN 172-B6,7-10-A</b> | B6.7 | 10 | 12 | 15 | 3 | 7  |
| <b>DIN 172-B6,7-16-A</b> | B6.7 | 16 | 12 | 15 | 3 | 11 |
| <b>DIN 172-B6,7-20-A</b> | B6.7 | 20 | 12 | 15 | 3 | 13 |
| <b>DIN 172-B6,8-10-A</b> | B6.8 | 10 | 12 | 15 | 3 | 7  |
| <b>DIN 172-B6,8-16-A</b> | B6.8 | 16 | 12 | 15 | 3 | 11 |
| <b>DIN 172-B6,8-20-A</b> | B6.8 | 20 | 12 | 15 | 3 | 13 |
| <b>DIN 172-B6,9-10-A</b> | B6.9 | 10 | 12 | 15 | 3 | 7  |
| <b>DIN 172-B6,9-16-A</b> | B6.9 | 16 | 12 | 15 | 3 | 10 |
| <b>DIN 172-B6,9-20-A</b> | B6.9 | 20 | 12 | 15 | 3 | 13 |
| <b>DIN 172-B7-10-A</b>   | B7   | 10 | 12 | 15 | 3 | 7  |
| <b>DIN 172-B7-16-A</b>   | B7   | 16 | 12 | 15 | 3 | 10 |
| <b>DIN 172-B7-20-A</b>   | B.   | 20 | 12 | 15 | 3 | 12 |
| <b>DIN 172-B7,1-10-A</b> | B7.1 | 10 | 12 | 15 | 3 | 8  |
| <b>DIN 172-B7,1-16-A</b> | B7.1 | 16 | 12 | 15 | 3 | 10 |
| <b>DIN 172-B7,1-20-A</b> | B7.1 | 20 | 12 | 15 | 3 | 13 |
| <b>DIN 172-B7,2-10-A</b> | B7.2 | 10 | 12 | 15 | 3 | 7  |
| <b>DIN 172-B7,2-16-A</b> | B7.2 | 16 | 12 | 15 | 3 | 10 |
| <b>DIN 172-B7,2-20-A</b> | B7.2 | 20 | 12 | 15 | 3 | 12 |
| <b>DIN 172-B7,3-10-A</b> | B7.3 | 10 | 12 | 15 | 3 | 7  |
| <b>DIN 172-B7,3-16-A</b> | B7.3 | 16 | 12 | 15 | 3 | 10 |
| <b>DIN 172-B7,3-20-A</b> | B7.3 | 10 | 12 | 15 | 3 | 12 |
| <b>DIN 172-B7,4-10-A</b> | B7.4 | 16 | 12 | 15 | 3 | 6  |
| <b>DIN 172-B7,4-16-A</b> | B7.4 | 20 | 12 | 15 | 3 | 10 |
| <b>DIN 172-B7,4-20-A</b> | B7.4 | 10 | 12 | 15 | 3 | 12 |
| <b>DIN 172-B7,5-10-A</b> | B7.5 | 16 | 12 | 15 | 3 | 7  |
| <b>DIN 172-B7,5-16-A</b> | B7.5 | 20 | 12 | 15 | 3 | 11 |

|                          |      |    |    |    |   |    |
|--------------------------|------|----|----|----|---|----|
| <b>DIN 172-B7,5-20-A</b> | B7.5 | 10 | 12 | 15 | 3 | 13 |
| <b>DIN 172-B7,6-10-A</b> | B7.6 | 16 | 12 | 15 | 3 | 6  |
| <b>DIN 172-B7,6-16-A</b> | B7.6 | 20 | 12 | 15 | 3 | 10 |
| <b>DIN 172-B7,6-20-A</b> | B7.6 | 10 | 12 | 15 | 3 | 12 |
| <b>DIN 172-B7,7-10-A</b> | B7.7 | 16 | 12 | 15 | 3 | 6  |
| <b>DIN 172-B7,7-16-A</b> | B7.7 | 20 | 12 | 15 | 3 | 9  |
| <b>DIN 172-B7,7-20-A</b> | B7.7 | 20 | 12 | 15 | 3 | 14 |
| <b>DIN 172-B7,8-10-A</b> | B7.8 | 10 | 12 | 15 | 3 | 6  |
| <b>DIN 172-B7,8-16-A</b> | B7.8 | 16 | 12 | 15 | 3 | 9  |
| <b>DIN 172-B7,8-20-A</b> | B7.8 | 20 | 12 | 15 | 3 | 12 |
| <b>DIN 172-B7,9-10-A</b> | B7.9 | 10 | 12 | 15 | 3 | 6  |
| <b>DIN 172-B7,9-16-A</b> | B7.9 | 16 | 12 | 15 | 3 | 9  |
| <b>DIN 172-B7,9-20-A</b> | B7.9 | 20 | 12 | 15 | 3 | 11 |
| <b>DIN 172-B8-10-A</b>   | B8   | 10 | 12 | 15 | 3 | 6  |
| <b>DIN 172-B8-16-A</b>   | B8   | 16 | 12 | 15 | 3 | 9  |
| <b>DIN 172-B8-20-A</b>   | B8   | 20 | 12 | 15 | 3 | 11 |
| <b>DIN 172-B8,1-12-A</b> | B8.1 | 12 | 12 | 15 | 3 | 13 |
| <b>DIN 172-B8,2-12-A</b> | B8.2 | 12 | 15 | 18 | 3 | 13 |
| <b>DIN 172-B8,3-12-A</b> | B8.3 | 12 | 15 | 18 | 3 | 13 |
| <b>DIN 172-B8,4-12-A</b> | B8.4 | 12 | 15 | 18 | 3 | 13 |
| <b>DIN 172-B8,5-12-A</b> | B8.5 | 12 | 15 | 18 | 3 | 12 |
| <b>DIN 172-B8,6-12-A</b> | B8.6 | 12 | 15 | 18 | 3 | 12 |
| <b>DIN 172-B8,7-12-A</b> | B8.7 | 12 | 15 | 18 | 3 | 12 |
| <b>DIN 172-B8,8-12-A</b> | B8.8 | 12 | 15 | 18 | 3 | 12 |
| <b>DIN 172-B8,9-12-A</b> | B8.9 | 12 | 15 | 18 | 3 | 12 |
| <b>DIN 172-B8,1-20-A</b> | B8.1 | 20 | 15 | 18 | 3 | 21 |
| <b>DIN 172-B8,2-20-A</b> | B8.2 | 20 | 15 | 18 | 3 | 20 |
| <b>DIN 172-B8,3-20-A</b> | B8.3 | 20 | 15 | 18 | 3 | 20 |
| <b>DIN 172-B8,4-20-A</b> | B8.4 | 20 | 15 | 18 | 3 | 20 |

|                          |       |    |    |    |   |    |
|--------------------------|-------|----|----|----|---|----|
| <b>DIN 172-B8,5-20-A</b> | B8.5  | 20 | 15 | 18 | 3 | 20 |
| <b>DIN 172-B8,6-20-A</b> | B8.6  | 20 | 15 | 18 | 3 | 20 |
| <b>DIN 172-B8,7-20-A</b> | B8.7  | 20 | 15 | 18 | 3 | 20 |
| <b>DIN 172-B8,8-20-A</b> | B8.8  | 20 | 15 | 18 | 3 | 20 |
| <b>DIN 172-B8,9-20-A</b> | B8.9  | 20 | 15 | 18 | 3 | 19 |
| <b>DIN 172-B8,1-25-A</b> | B8.1  | 25 | 15 | 18 | 3 | 26 |
| <b>DIN 172-B8,2-25-A</b> | B8.2  | 25 | 15 | 18 | 3 | 25 |
| <b>DIN 172-B8,3-25-A</b> | B8.3  | 25 | 15 | 18 | 3 | 25 |
| <b>DIN 172-B8,4-25-A</b> | B8.4  | 25 | 15 | 18 | 3 | 25 |
| <b>DIN 172-B8,5-25-A</b> | B8.5  | 25 | 15 | 18 | 3 | 24 |
| <b>DIN 172-B8,6-25-A</b> | B8.6  | 25 | 15 | 18 | 3 | 24 |
| <b>DIN 172-B8,7-25-A</b> | B8.7  | 25 | 15 | 18 | 3 | 24 |
| <b>DIN 172-B8,8-25-A</b> | B8.8  | 25 | 15 | 18 | 3 | 24 |
| <b>DIN 172-B8,9-25-A</b> | B8.9  | 25 | 15 | 18 | 3 | 24 |
| <b>DIN 172-B9-12-A</b>   | B9    | 12 | 15 | 18 | 3 | 12 |
| <b>DIN 172-B9,1-12-A</b> | B9.1  | 12 | 15 | 18 | 3 | 12 |
| <b>DIN 172-B9,2-12-A</b> | B9.2  | 12 | 15 | 18 | 3 | 12 |
| <b>DIN 172-B9,3-12-A</b> | B9.3  | 12 | 15 | 18 | 3 | 11 |
| <b>DIN 172-B9,4-12-A</b> | B9.4  | 12 | 15 | 18 | 3 | 11 |
| <b>DIN 172-B9,5-12-A</b> | B9.5  | 12 | 15 | 18 | 3 | 11 |
| <b>DIN 172-B9,6-12-A</b> | B9.6  | 12 | 15 | 18 | 3 | 11 |
| <b>DIN 172-B9,7-12-A</b> | B9.7  | 12 | 15 | 18 | 3 | 11 |
| <b>DIN 172-B9,8-12-A</b> | B9.8  | 12 | 15 | 18 | 3 | 11 |
| <b>DIN 172-B9,9-12-A</b> | B9.9  | 12 | 15 | 18 | 3 | 11 |
| <b>DIN 172-B9-20-A</b>   | B9    | 20 | 15 | 18 | 3 | 19 |
| <b>DIN 172-B9,1-20-A</b> | B9.1. | 20 | 15 | 18 | 3 | 19 |
| <b>DIN 172-B9,2-20-A</b> | B9.2  | 20 | 15 | 18 | 3 | 18 |
| <b>DIN 172-B9,3-20-A</b> | B9.3  | 20 | 15 | 18 | 3 | 18 |
| <b>DIN 172-B9,4-20-A</b> | B9.4  | 20 | 15 | 18 | 3 | 18 |

|                           |       |    |    |    |   |    |
|---------------------------|-------|----|----|----|---|----|
| <b>DIN 172-B9,5-20-A</b>  | B9.5  | 20 | 15 | 18 | 3 | 18 |
| <b>DIN 172-B9,6-20-A</b>  | B9.6  | 20 | 15 | 18 | 3 | 18 |
| <b>DIN 172-B9,7-20-A</b>  | B9.7  | 20 | 15 | 18 | 3 | 17 |
| <b>DIN 172-B9,8-20-A</b>  | B9.8  | 20 | 15 | 18 | 3 | 17 |
| <b>DIN 172-B9,9-20-A</b>  | B9.9  | 20 | 15 | 18 | 3 | 17 |
| <b>DIN 172-B9-25-A</b>    | B9.   | 25 | 15 | 18 | 3 | 24 |
| <b>DIN 172-B9,1-25-A</b>  | B9.1  | 25 | 15 | 18 | 3 | 23 |
| <b>DIN 172-B9,2-25-A</b>  | B9.2  | 25 | 15 | 18 | 3 | 23 |
| <b>DIN 172-B9,3-25-A</b>  | B9.3  | 25 | 15 | 18 | 3 | 22 |
| <b>DIN 172-B9,4-25-A</b>  | B9.4  | 25 | 15 | 18 | 3 | 22 |
| <b>DIN 172-B9,5-25-A</b>  | B9.5  | 25 | 15 | 18 | 3 | 23 |
| <b>DIN 172-B9,6-25-A</b>  | B9.6  | 25 | 15 | 18 | 3 | 22 |
| <b>DIN 172-B9,7-25-A</b>  | B9.7  | 25 | 15 | 18 | 3 | 21 |
| <b>DIN 172-B9,8-25-A</b>  | B9.8  | 25 | 15 | 18 | 3 | 22 |
| <b>DIN 172-B9,9-25-A</b>  | B9.9  | 25 | 15 | 18 | 3 | 20 |
| <b>DIN 172-B10-12-A</b>   | B10   | 12 | 15 | 18 | 3 | 10 |
| <b>DIN 172-B10-20-A</b>   | B10   | 20 | 15 | 18 | 3 | 17 |
| <b>DIN 172-B10-25-A</b>   | B10   | 25 | 15 | 18 | 3 | 21 |
| <b>DIN 172-B10,1-12-A</b> | B10.1 | 12 | 18 | 22 | 4 | 20 |
| <b>DIN 172-B10,2-12-A</b> | B10.2 | 12 | 18 | 22 | 4 | 20 |
| <b>DIN 172-B10,3-12-A</b> | B10.3 | 12 | 18 | 22 | 4 | 19 |
| <b>DIN 172-B10,4-12-A</b> | B10.4 | 12 | 18 | 22 | 4 | 19 |
| <b>DIN 172-B10,5-12-A</b> | B10.5 | 12 | 18 | 22 | 4 | 19 |
| <b>DIN 172-B10,6-12-A</b> | B10.6 | 12 | 18 | 22 | 4 | 19 |
| <b>DIN 172-B10,7-12-A</b> | B10.7 | 12 | 18 | 22 | 4 | 19 |
| <b>DIN 172-B10,8-12-A</b> | B10.8 | 12 | 18 | 22 | 4 | 18 |
| <b>DIN 172-B10,9-12-A</b> | B10.9 | 12 | 18 | 22 | 4 | 18 |
| <b>DIN 172-B10,1-20-A</b> | B10.1 | 20 | 18 | 22 | 4 | 30 |
| <b>DIN 172-B10,2-20-A</b> | B10.2 | 20 | 18 | 22 | 4 | 30 |

|                           |       |    |    |    |   |    |
|---------------------------|-------|----|----|----|---|----|
| <b>DIN 172-B10,3-20-A</b> | B10.3 | 20 | 18 | 22 | 4 | 30 |
| <b>DIN 172-B10,4-20-A</b> | B10.4 | 20 | 18 | 22 | 4 | 30 |
| <b>DIN 172-B10,5-20-A</b> | B10.5 | 20 | 18 | 22 | 4 | 29 |
| <b>DIN 172-B10,6-20-A</b> | B10.6 | 20 | 18 | 22 | 4 | 29 |
| <b>DIN 172-B10,7-20-A</b> | B10.7 | 20 | 18 | 22 | 4 | 30 |
| <b>DIN 172-B10,8-20-A</b> | B10.8 | 20 | 18 | 22 | 4 | 28 |
| <b>DIN 172-B10,9-20-A</b> | B10.9 | 20 | 18 | 22 | 4 | 32 |
| <b>DIN 172-B10,1-25-A</b> | B10.1 | 20 | 18 | 22 | 4 | 35 |
| <b>DIN 172-B10,2-25-A</b> | B10.2 | 25 | 18 | 22 | 4 | 37 |
| <b>DIN 172-B10,3-25-A</b> | B10.3 | 25 | 18 | 22 | 4 | 36 |
| <b>DIN 172-B10,4-25-A</b> | B10.4 | 25 | 18 | 22 | 4 | 38 |
| <b>DIN 172-B10,5-25-A</b> | B10.5 | 25 | 18 | 22 | 4 | 36 |
| <b>DIN 172-B10,6-25-A</b> | B10.6 | 25 | 18 | 22 | 4 | 36 |
| <b>DIN 172-B10,7-25-A</b> | B10.7 | 25 | 18 | 22 | 4 | 36 |
| <b>DIN 172-B10,8-25-A</b> | B10.8 | 25 | 18 | 22 | 4 | 34 |
| <b>DIN 172-B10,9-25-A</b> | B10.9 | 25 | 18 | 22 | 4 | 36 |
| <b>DIN 172-B11-12-A</b>   | B11   | 12 | 18 | 22 | 4 | 18 |
| <b>DIN 172-B11,1-12-A</b> | B11.1 | 12 | 18 | 22 | 4 | 18 |
| <b>DIN 172-B11,2-12-A</b> | B11.2 | 12 | 18 | 22 | 4 | 18 |
| <b>DIN 172-B11,3-12-A</b> | B11.3 | 12 | 18 | 22 | 4 | 18 |
| <b>DIN 172-B11,4-12-A</b> | B11.4 | 12 | 18 | 22 | 4 | 17 |
| <b>DIN 172-B11,5-12-A</b> | B11.5 | 12 | 18 | 22 | 4 | 17 |
| <b>DIN 172-B11,6-12-A</b> | B11.6 | 12 | 18 | 22 | 4 | 17 |
| <b>DIN 172-B11,7-12-A</b> | B11.7 | 12 | 18 | 22 | 4 | 17 |
| <b>DIN 172-B11,8-12-A</b> | B11.8 | 12 | 18 | 22 | 4 | 17 |
| <b>DIN 172-B11,9-12-A</b> | B11.9 | 12 | 18 | 22 | 4 | 17 |
| <b>DIN 172-B11-20-A</b>   | B11   | 12 | 18 | 22 | 4 | 28 |
| <b>DIN 172-B11,1-20-A</b> | B11.1 | 20 | 18 | 22 | 4 | 28 |
| <b>DIN 172-B11,2-20-A</b> | B11.2 | 20 | 18 | 22 | 4 | 28 |

|                           |       |    |    |    |   |    |
|---------------------------|-------|----|----|----|---|----|
| <b>DIN 172-B11,3-20-A</b> | B11.3 | 20 | 18 | 22 | 4 | 28 |
| <b>DIN 172-B11,4-20-A</b> | B11.4 | 20 | 18 | 22 | 4 | 27 |
| <b>DIN 172-B11,5-20-A</b> | B11.5 | 20 | 18 | 22 | 4 | 28 |
| <b>DIN 172-B11,6-20-A</b> | B11.6 | 20 | 18 | 22 | 4 | 26 |
| <b>DIN 172-B11,7-20-A</b> | B11.7 | 20 | 18 | 22 | 4 | 26 |
| <b>DIN 172-B11,8-20-A</b> | B11.8 | 20 | 18 | 22 | 4 | 26 |
| <b>DIN 172-B11,9-20-A</b> | B11.9 | 20 | 18 | 22 | 4 | 25 |
| <b>DIN 172-B11-25-A</b>   | B11   | 25 | 18 | 22 | 4 | 35 |
| <b>DIN 172-B11,1-25-A</b> | B11.1 | 25 | 18 | 22 | 4 | 34 |
| <b>DIN 172-B11,2-25-A</b> | B11.2 | 25 | 18 | 22 | 4 | 34 |
| <b>DIN 172-B11,3-25-A</b> | B11.3 | 25 | 18 | 22 | 4 | 33 |
| <b>DIN 172-B11,4-25-A</b> | B11.4 | 25 | 18 | 22 | 4 | 33 |
| <b>DIN 172-B11,5-25-A</b> | B11.5 | 25 | 18 | 22 | 4 | 33 |
| <b>DIN 172-B11,6-25-A</b> | B11.6 | 25 | 18 | 22 | 4 | 32 |
| <b>DIN 172-B11,7-25-A</b> | B11.7 | 25 | 18 | 22 | 4 | 32 |
| <b>DIN 172-B11,8-25-A</b> | B11.8 | 25 | 18 | 22 | 4 | 32 |
| <b>DIN 172-B11,9-25-A</b> | B11.9 | 25 | 18 | 22 | 4 | 31 |
| <b>DIN 172-B12-12-A</b>   | B12   | 12 | 18 | 22 | 4 | 16 |
| <b>DIN 172-B12-20-A</b>   | B12   | 20 | 18 | 22 | 4 | 26 |
| <b>DIN 172-B12-25-A</b>   | B12   | 25 | 18 | 22 | 4 | 31 |
| <b>DIN 172-B12,1-16-A</b> | B12.1 | 16 | 22 | 26 | 4 | 37 |
| <b>DIN 172-B12,2-16-A</b> | B12.2 | 16 | 22 | 26 | 4 | 37 |
| <b>DIN 172-B12,3-16-A</b> | B12.3 | 16 | 22 | 26 | 4 | 36 |
| <b>DIN 172-B12,4-16-A</b> | B12.4 | 16 | 22 | 26 | 4 | 36 |
| <b>DIN 172-B12,5-16-A</b> | B12.5 | 16 | 22 | 26 | 4 | 36 |
| <b>DIN 172-B12,6-16-A</b> | B12.6 | 16 | 22 | 26 | 4 | 36 |
| <b>DIN 172-B12,7-16-A</b> | B12.7 | 16 | 22 | 26 | 4 | 36 |
| <b>DIN 172-B12,8-16-A</b> | B12.8 | 16 | 22 | 26 | 4 | 35 |
| <b>DIN 172-B12,9-16-A</b> | B12.9 | 16 | 22 | 26 | 4 | 36 |

|                           |       |    |    |    |   |    |
|---------------------------|-------|----|----|----|---|----|
| <b>DIN 172-B12,1-28-A</b> | B12.1 | 28 | 22 | 26 | 4 | 62 |
| <b>DIN 172-B12,2-28-A</b> | B12.2 | 28 | 22 | 26 | 4 | 61 |
| <b>DIN 172-B12,3-28-A</b> | B12.3 | 28 | 2  | 26 | 4 | 61 |
| <b>DIN 172-B12,4-28-A</b> | B12.4 | 28 | 2  | 26 | 4 | 60 |
| <b>DIN 172-B12,5-28-A</b> | B12.5 | 28 | 2  | 26 | 4 | 60 |
| <b>DIN 172-B12,6-28-A</b> | B12.6 | 28 | 2  | 26 | 4 | 62 |
| <b>DIN 172-B12,7-28-A</b> | B12.7 | 28 | 2  | 26 | 4 | 60 |
| <b>DIN 172-B12,8-28-A</b> | B12.8 | 28 | 2  | 26 | 4 | 60 |
| <b>DIN 172-B12,9-28-A</b> | B12.9 | 28 | 2  | 26 | 4 | 60 |
| <b>DIN 172-B12,1-36-A</b> | B12.1 | 36 | 2  | 26 | 4 | 80 |
| <b>DIN 172-B12,2-36-A</b> | B12.2 | 36 | 2  | 26 | 4 | 78 |
| <b>DIN 172-B12,3-36-A</b> | B12.3 | 36 | 2  | 26 | 4 | 78 |
| <b>DIN 172-B12,4-36-A</b> | B12.4 | 36 | 2  | 26 | 4 | 78 |
| <b>DIN 172-B12,5-36-A</b> | B12.5 | 36 | 22 | 26 | 4 | 78 |
| <b>DIN 172-B12,6-36-A</b> | B12.6 | 36 | 22 | 26 | 4 | 78 |
| <b>DIN 172-B12,7-36-A</b> | B12.7 | 36 | 22 | 26 | 4 | 78 |
| <b>DIN 172-B12,8-36-A</b> | B12.8 | 36 | 22 | 26 | 4 | 78 |
| <b>DIN 172-B12,9-36-A</b> | B12.9 | 36 | 22 | 26 | 4 | 74 |
| <b>DIN 172-B13-16-A</b>   | B13   | 16 | 22 | 26 | 4 | 35 |
| <b>DIN 172-B13,1-16-A</b> | B13.1 | 16 | 22 | 26 | 4 | 34 |
| <b>DIN 172-B13,2-16-A</b> | B13.2 | 16 | 22 | 26 | 4 | 36 |
| <b>DIN 172-B13,3-16-A</b> | B13.3 | 16 | 22 | 26 | 4 | 36 |
| <b>DIN 172-B13,4-16-A</b> | B13.4 | 16 | 22 | 26 | 4 | 36 |
| <b>DIN 172-B13,5-16-A</b> | B13.5 | 16 | 22 | 26 | 4 | 33 |
| <b>DIN 172-B13,6-16-A</b> | B13.6 | 16 | 22 | 26 | 4 | 32 |
| <b>DIN 172-B13,7-16-A</b> | B13.7 | 16 | 22 | 26 | 4 | 36 |
| <b>DIN 172-B13,8-16-A</b> | B13.8 | 16 | 22 | 26 | 4 | 32 |
| <b>DIN 172-B13,9-16-A</b> | B13.9 | 16 | 22 | 26 | 4 | 36 |
| <b>DIN 172-B13-28-A</b>   | B13   | 28 | 22 | 26 | 4 | 58 |

|                           |       |    |    |    |   |    |
|---------------------------|-------|----|----|----|---|----|
| <b>DIN 172-B13,1-28-A</b> | B13.1 | 28 | 22 | 26 | 4 | 57 |
| <b>DIN 172-B13,2-28-A</b> | B13.2 | 28 | 22 | 26 | 4 | 57 |
| <b>DIN 172-B13,3-28-A</b> | B13.3 | 28 | 22 | 26 | 4 | 58 |
| <b>DIN 172-B13,4-28-A</b> | B13.4 | 28 | 22 | 26 | 4 | 58 |
| <b>DIN 172-B13,5-28-A</b> | B13.5 | 28 | 22 | 26 | 4 | 55 |
| <b>DIN 172-B13,6-28-A</b> | B13.6 | 28 | 22 | 26 | 4 | 56 |
| <b>DIN 172-B13,7-28-A</b> | B13.7 | 28 | 22 | 26 | 4 | 56 |
| <b>DIN 172-B13,8-28-A</b> | B13.8 | 28 | 22 | 26 | 4 | 54 |
| <b>DIN 172-B13,9-28-A</b> | B13.9 | 36 | 22 | 26 | 4 | 54 |
| <b>DIN 172-B13-36-A</b>   | B13   | 36 | 22 | 26 | 4 | 74 |
| <b>DIN 172-B13,1-36-A</b> | B13.1 | 36 | 22 | 26 | 4 | 74 |
| <b>DIN 172-B13,2-36-A</b> | B13.2 | 36 | 22 | 26 | 4 | 74 |
| <b>DIN 172-B13,3-36-A</b> | B13.3 | 36 | 22 | 26 | 4 | 72 |
| <b>DIN 172-B13,4-36-A</b> | B13.4 | 36 | 22 | 26 | 4 | 72 |
| <b>DIN 172-B13,5-36-A</b> | B13.5 | 36 | 22 | 26 | 4 | 71 |
| <b>DIN 172-B13,6-36-A</b> | B13.6 | 36 | 22 | 26 | 4 | 72 |
| <b>DIN 172-B13,7-36-A</b> | B13.7 | 36 | 22 | 26 | 4 | 72 |
| <b>DIN 172-B13,8-36-A</b> | B13.8 | 36 | 22 | 26 | 4 | 70 |
| <b>DIN 172-B13,9-36-A</b> | B13.9 | 36 | 22 | 26 | 4 | 70 |
| <b>DIN 172-B14-16-A</b>   | B14   | 16 | 22 | 26 | 4 | 32 |
| <b>DIN 172-B14,1-16-A</b> | B14.1 | 16 | 22 | 26 | 4 | 32 |
| <b>DIN 172-B14,2-16-A</b> | B14.2 | 16 | 22 | 26 | 4 | 32 |
| <b>DIN 172-B14,3-16-A</b> | B14.3 | 16 | 22 | 26 | 4 | 31 |
| <b>DIN 172-B14,4-16-A</b> | B14.4 | 16 | 22 | 26 | 4 | 31 |
| <b>DIN 172-B14,5-16-A</b> | B14.5 | 16 | 22 | 26 | 4 | 31 |
| <b>DIN 172-B14,6-16-A</b> | B14.6 | 16 | 22 | 26 | 4 | 40 |
| <b>DIN 172-B14,7-16-A</b> | B14.7 | 16 | 22 | 26 | 4 | 40 |
| <b>DIN 172-B14,8-16-A</b> | B14.8 | 16 | 22 | 26 | 4 | 40 |
| <b>DIN 172-B14,9-16-A</b> | B14.9 | 16 | 22 | 26 | 4 | 40 |

|                           |       |    |    |    |   |    |
|---------------------------|-------|----|----|----|---|----|
| <b>DIN 172-B14-28-A</b>   | B14   | 28 | 22 | 26 | 4 | 53 |
| <b>DIN 172-B14,1-28-A</b> | B14.1 | 28 | 22 | 26 | 4 | 53 |
| <b>DIN 172-B14,2-28-A</b> | B14.  | 28 | 22 | 26 | 4 | 52 |
| <b>DIN 172-B14,3-28-A</b> | B14.3 | 28 | 22 | 26 | 4 | 62 |
| <b>DIN 172-B14,4-28-A</b> | B14.4 | 28 | 22 | 26 | 4 | 62 |
| <b>DIN 172-B14,5-28-A</b> | B14.5 | 28 | 22 | 26 | 4 | 51 |
| <b>DIN 172-B14,6-28-A</b> | B14.6 | 28 | 22 | 26 | 4 | 60 |
| <b>DIN 172-B14,7-28-A</b> | B14.7 | 28 | 22 | 26 | 4 | 58 |
| <b>DIN 172-B14,8-28-A</b> | B14.8 | 28 | 22 | 26 | 4 | 58 |
| <b>DIN 172-B14,9-28-A</b> | B14.9 | 28 | 22 | 26 | 4 | 60 |
| <b>DIN 172-B14-36-A</b>   | B14   | 36 | 22 | 26 | 4 | 68 |
| <b>DIN 172-B14,1-36-A</b> | B14.1 | 36 | 22 | 26 | 4 | 68 |
| <b>DIN 172-B14,2-36-A</b> | B14.2 | 36 | 22 | 26 | 4 | 76 |
| <b>DIN 172-B14,3-36-A</b> | B14.3 | 36 | 22 | 26 | 4 | 74 |
| <b>DIN 172-B14,4-36-A</b> | B14.4 | 36 | 22 | 26 | 4 | 74 |
| <b>DIN 172-B14,5-36-A</b> | B14.5 | 36 | 22 | 26 | 4 | 65 |
| <b>DIN 172-B14,6-36-A</b> | B14.6 | 36 | 22 | 26 | 4 | 63 |
| <b>DIN 172-B14,7-36-A</b> | B14.7 | 36 | 22 | 26 | 4 | 74 |
| <b>DIN 172-B14,8-36-A</b> | B14.8 | 36 | 22 | 26 | 4 | 70 |
| <b>DIN 172-B14,9-36-A</b> | B14.9 | 36 | 22 | 26 | 4 | 74 |
| <b>DIN 172-B15-16-A</b>   | B15   | 16 | 22 | 26 | 4 | 29 |
| <b>DIN 172-B15-28-A</b>   | B15   | 28 | 22 | 26 | 4 | 48 |
| <b>DIN 172-B15-36-A</b>   | B15   | 36 | 22 | 26 | 4 | 61 |
| <b>DIN 172-B15,1-16-A</b> | B15.1 | 16 | 26 | 30 | 4 | 48 |
| <b>DIN 172-B15,5-16-A</b> | B15.5 | 16 | 26 | 30 | 4 | 47 |
| <b>DIN 172-B15,1-28-A</b> | B15.1 | 28 | 26 | 30 | 4 | 80 |
| <b>DIN 172-B15,5-28-A</b> | B15.5 | 28 | 26 | 30 | 4 | 79 |
| <b>DIN 172-B15,1-36-A</b> | B15.1 | 36 | 26 | 30 | 4 | 60 |
| <b>DIN 172-B15,5-36-A</b> | B15.5 | 36 | 26 | 30 | 4 | 60 |

|                           |       |    |    |    |   |     |
|---------------------------|-------|----|----|----|---|-----|
| <b>DIN 172-B16-16-A</b>   | B16   | 16 | 26 | 30 | 4 | 46  |
| <b>DIN 172-B16,1-16-A</b> | B16.1 | 16 | 26 | 30 | 4 | 45  |
| <b>DIN 172-B16,5-16-A</b> | B16.5 | 16 | 26 | 30 | 4 | 44  |
| <b>DIN 172-B16-28-A</b>   | B16   | 28 | 26 | 30 | 4 | 76  |
| <b>DIN 172-B16,1-28-A</b> | B16.1 | 28 | 26 | 30 | 4 | 75  |
| <b>DIN 172-B16,5-28-A</b> | B16.5 | 28 | 26 | 30 | 4 | 74  |
| <b>DIN 172-B16-36-A</b>   | B16   | 36 | 26 | 30 | 4 | 98  |
| <b>DIN 172-B16,1-36-A</b> | B16.1 | 36 | 26 | 30 | 4 | 97  |
| <b>DIN 172-B16,5-36-A</b> | B16.5 | 36 | 26 | 30 | 4 | 95  |
| <b>DIN 172-B17-16-A</b>   | B17   | 16 | 26 | 30 | 4 | 42  |
| <b>DIN 172-B17,5-16-A</b> | B17.5 | 16 | 26 | 30 | 4 | 50  |
| <b>DIN 172-B17-28-A</b>   | B17   | 28 | 26 | 30 | 4 | 71  |
| <b>DIN 172-B17,5-28-A</b> | B17.5 | 28 | 26 | 30 | 4 | 68  |
| <b>DIN 172-B17-36-A</b>   | B17   | 36 | 26 | 30 | 4 | 91  |
| <b>DIN 172-B17,5-36-A</b> | B17.5 | 36 | 26 | 30 | 4 | 86  |
| <b>DIN 172-B18-16-A</b>   | B18   | 16 | 26 | 30 | 4 | 39  |
| <b>DIN 172-B18-28-A</b>   | B18   | 28 | 26 | 30 | 4 | 45  |
| <b>DIN 172-B18-36-A</b>   | B18   | 36 | 26 | 30 | 4 | 83  |
| <b>DIN 172-B18,5-20-A</b> | B18.5 | 20 | 30 | 34 | 5 | 74  |
| <b>DIN 172-B18,5-36-A</b> | B18.5 | 36 | 30 | 34 | 5 | 128 |
| <b>DIN 172-B18,5-45-A</b> | B18.5 | 45 | 30 | 34 | 5 | 159 |
| <b>DIN 172-B19-20-A</b>   | B19   | 20 | 30 | 34 | 5 | 72  |
| <b>DIN 172-B19,5-20-A</b> | B19.5 | 20 | 30 | 34 | 5 | 72  |
| <b>DIN 172-B19-36-A</b>   | B19   | 36 | 30 | 34 | 5 | 124 |
| <b>DIN 172-B19,5-36-A</b> | B19.5 | 36 | 30 | 34 | 5 | 120 |
| <b>DIN 172-B19-45-A</b>   | B19   | 45 | 30 | 34 | 5 | 155 |
| <b>DIN 172-B19,5-45-A</b> | B19.5 | 45 | 30 | 34 | 5 | 152 |
| <b>DIN 172-B20-20-A</b>   | B20   | 20 | 30 | 34 | 5 | 66  |
| <b>DIN 172-B20-36-A</b>   | B20   | 36 | 30 | 34 | 5 | 116 |

|                           |       |    |    |    |   |     |
|---------------------------|-------|----|----|----|---|-----|
| <b>DIN 172-B20-45-A</b>   | B20   | 45 | 30 | 34 | 5 | 145 |
| <b>DIN 172-B20,5-20-A</b> | B20.5 | 20 | 30 | 34 | 5 | 64  |
| <b>DIN 172-B20,5-36-A</b> | B20.5 | 36 | 30 | 34 | 5 | 111 |
| <b>DIN 172-B20,5-45-A</b> | B20.5 | 45 | 30 | 34 | 5 | 138 |
| <b>DIN 172-B21-20-A</b>   | B21   | 20 | 30 | 34 | 5 | 61  |
| <b>DIN 172-B21,5-20-A</b> | B21.5 | 20 | 30 | 34 | 5 | 58  |
| <b>DIN 172-B21-36-A</b>   | B21   | 36 | 30 | 34 | 5 | 107 |
| <b>DIN 172-B21,5-36-A</b> | B21.5 | 36 | 30 | 34 | 5 | 102 |
| <b>DIN 172-B21-45-A</b>   | B21   | 45 | 30 | 34 | 5 | 132 |
| <b>DIN 172-B21,5-45-A</b> | B21.5 | 45 | 30 | 34 | 5 | 125 |
| <b>DIN 172-B22-20-A</b>   | B22   | 20 | 30 | 34 | 5 | 45  |
| <b>DIN 172-B22-36-A</b>   | B22   | 36 | 30 | 34 | 5 | 97  |
| <b>DIN 172-B22-45-A</b>   | B22   | 45 | 30 | 34 | 5 | 121 |
| <b>DIN 172-B22,5-20-A</b> | B22.5 | 20 | 35 | 39 | 5 | 94  |
| <b>DIN 172-B22,5-36-A</b> | B22.5 | 36 | 35 | 39 | 5 | 166 |
| <b>DIN 172-B22,5-45-A</b> | B22.5 | 45 | 35 | 39 | 5 | 205 |
| <b>DIN 172-B23-20-A</b>   | B23   | 20 | 35 | 39 | 5 | 92  |
| <b>DIN 172-B23,5-20-A</b> | B23.5 | 20 | 35 | 39 | 5 | 72  |
| <b>DIN 172-B23-36-A</b>   | B23   | 36 | 35 | 39 | 5 | 160 |
| <b>DIN 172-B23,5-36-A</b> | B23.5 | 36 | 35 | 39 | 5 | 155 |
| <b>DIN 172-B23-45-A</b>   | B23   | 45 | 35 | 39 | 5 | 181 |
| <b>DIN 172-B23,5-45-A</b> | B23.5 | 45 | 35 | 39 | 5 | 192 |
| <b>DIN 172-B24-20-A</b>   | B24   | 20 | 35 | 39 | 5 | 86  |
| <b>DIN 172-B24,5-20-A</b> | B24.5 | 20 | 35 | 39 | 5 | 83  |
| <b>DIN 172-B24-36-A</b>   | B24   | 36 | 35 | 39 | 5 | 150 |
| <b>DIN 172-B24,5-36-A</b> | B24.5 | 36 | 35 | 39 | 5 | 143 |
| <b>DIN 172-B24-45-A</b>   | B24   | 45 | 35 | 39 | 5 | 186 |
| <b>DIN 172-B24,5-45-A</b> | B24.5 | 45 | 35 | 39 | 5 | 178 |
| <b>DIN 172-B25-20-A</b>   | B25   | 20 | 35 | 39 | 5 | 60  |

|                           |       |    |    |    |   |     |
|---------------------------|-------|----|----|----|---|-----|
| <b>DIN 172-B25,5-20-A</b> | B25.5 | 20 | 35 | 39 | 5 | 77  |
| <b>DIN 172-B25-36-A</b>   | B25   | 36 | 35 | 39 | 5 | 138 |
| <b>DIN 172-B25,5-36-A</b> | B25.5 | 36 | 35 | 39 | 5 | 134 |
| <b>DIN 172-B25-45-A</b>   | B25   | 45 | 35 | 39 | 5 | 173 |
| <b>DIN 172-B25,5-45-A</b> | B25.5 | 45 | 35 | 39 | 5 | 165 |
| <b>DIN 172-B26-20-A</b>   | B26   | 20 | 35 | 39 | 5 | 73  |
| <b>DIN 172-B26-36-A</b>   | B26   | 36 | 35 | 39 | 5 | 127 |
| <b>DIN 172-B26-45-A</b>   | B26   | 45 | 35 | 39 | 5 | 159 |
| <b>DIN 172-B26,5-25-A</b> | B26.5 | 25 | 42 | 46 | 5 | 170 |
| <b>DIN 172-B26,5-45-A</b> | B26.5 | 45 | 42 | 46 | 5 | 300 |
| <b>DIN 172-B26,5-56-A</b> | B26.5 | 56 | 42 | 46 | 5 | 367 |
| <b>DIN 172-B27-25-A</b>   | B27   | 25 | 42 | 46 | 5 | 167 |
| <b>DIN 172-B27,5-25-A</b> | B27.5 | 25 | 42 | 46 | 5 | 162 |
| <b>DIN 172-B27-45-A</b>   | B27   | 45 | 42 | 46 | 5 | 292 |
| <b>DIN 172-B27,5-45-A</b> | B27.5 | 45 | 42 | 46 | 5 | 287 |
| <b>DIN 172-B27-56-A</b>   | B27   | 56 | 42 | 46 | 5 | 362 |
| <b>DIN 172-B27,5-56-A</b> | B27.5 | 56 | 42 | 46 | 5 | 349 |
| <b>DIN 172-B28-25-A</b>   | B28   | 25 | 42 | 46 | 5 | 157 |
| <b>DIN 172-B28,5-25-A</b> | B28.5 | 25 | 42 | 46 | 5 | 153 |
| <b>DIN 172-B28-45-A</b>   | B28   | 45 | 42 | 46 | 5 | 277 |
| <b>DIN 172-B28,5-45-A</b> | B28.5 | 45 | 42 | 46 | 5 | 271 |
| <b>DIN 172-B28-56-A</b>   | B28   | 56 | 42 | 46 | 5 | 343 |
| <b>DIN 172-B28,5-56-A</b> | B28.5 | 56 | 42 | 46 | 5 | 330 |
| <b>DIN 172-B29-25-A</b>   | B29   | 25 | 42 | 46 | 5 | 149 |
| <b>DIN 172-B29,5-25-A</b> | B29.5 | 25 | 42 | 46 | 5 | 143 |
| <b>DIN 172-B29-45-A</b>   | B29   | 45 | 42 | 46 | 5 | 261 |
| <b>DIN 172-B29,5-45-A</b> | B29.5 | 45 | 42 | 46 | 5 | 253 |
| <b>DIN 172-B29-56-A</b>   | B29   | 56 | 42 | 46 | 5 | 320 |
| <b>DIN 172-B29,5-56-A</b> | B29.5 | 56 | 42 | 46 | 5 | 310 |

|                           |       |    |    |    |   |     |
|---------------------------|-------|----|----|----|---|-----|
| <b>DIN 172-B30-25-A</b>   | B30   | 25 | 42 | 46 | 5 | 135 |
| <b>DIN 172-B30-45-A</b>   | B30   | 45 | 42 | 46 | 5 | 245 |
| <b>DIN 172-B30-56-A</b>   | B30   | 56 | 42 | 46 | 5 | 303 |
| <b>DIN 172-B30,5-25-A</b> | B30.5 | 25 | 48 | 52 | 5 | 220 |
| <b>DIN 172-B30,5-45-A</b> | B30.5 | 45 | 48 | 52 | 5 | 385 |
| <b>DIN 172-B30,5-56-A</b> | B30.5 | 56 | 48 | 52 | 5 | 482 |
| <b>DIN 172-B31-25-A</b>   | B31   | 25 | 48 | 52 | 5 | 214 |
| <b>DIN 172-B31,5-25-A</b> | B31.5 | 25 | 48 | 52 | 5 | 209 |
| <b>DIN 172-B31-45-A</b>   | B31   | 45 | 48 | 52 | 5 | 378 |
| <b>DIN 172-B31,5-45-A</b> | B31.5 | 45 | 48 | 52 | 5 | 365 |
| <b>DIN 172-B31-56-A</b>   | B31   | 56 | 48 | 52 | 5 | 470 |
| <b>DIN 172-B31,5-56-A</b> | B31.5 | 56 | 48 | 52 | 5 | 452 |
| <b>DIN 172-B32-25-A</b>   | B32   | 25 | 48 | 52 | 5 | 200 |
| <b>DIN 172-B32,5-25-A</b> | B32.5 | 25 | 48 | 52 | 5 | 189 |
| <b>DIN 172-B32-45-A</b>   | B32   | 45 | 48 | 52 | 5 | 360 |
| <b>DIN 172-B32,5-45-A</b> | B32.5 | 45 | 48 | 52 | 5 | 347 |
| <b>DIN 172-B32-56-A</b>   | B32   | 56 | 48 | 52 | 5 | 447 |
| <b>DIN 172-B32,5-56-A</b> | B32.5 | 56 | 48 | 52 | 5 | 430 |
| <b>DIN 172-B33-25-A</b>   | B33   | 25 | 48 | 52 | 5 | 194 |
| <b>DIN 172-B33,5-25-A</b> | B33.5 | 25 | 48 | 52 | 5 | 189 |
| <b>DIN 172-B33-45-A</b>   | B33   | 45 | 48 | 52 | 5 | 343 |
| <b>DIN 172-B33,5-45-A</b> | B33.5 | 45 | 48 | 52 | 5 | 329 |
| <b>DIN 172-B33-56-A</b>   | B33   | 56 | 48 | 52 | 5 | 416 |
| <b>DIN 172-B33,5-56-A</b> | B33.5 | 56 | 48 | 52 | 5 | 408 |
| <b>DIN 172-B34-25-A</b>   | B34   | 25 | 48 | 52 | 5 | 172 |
| <b>DIN 172-B34,5-25-A</b> | B34.5 | 25 | 48 | 52 | 5 | 176 |
| <b>DIN 172-B34-45-A</b>   | B34   | 45 | 48 | 52 | 5 | 324 |
| <b>DIN 172-B34,5-45-A</b> | B34.5 | 45 | 48 | 52 | 5 | 314 |
| <b>DIN 172-B34-56-A</b>   | B34   | 56 | 48 | 52 | 5 | 400 |

|                           |       |    |    |    |   |     |
|---------------------------|-------|----|----|----|---|-----|
| <b>DIN 172-B34,5-56-A</b> | B34.5 | 56 | 48 | 52 | 5 | 385 |
| <b>DIN 172-B35-25-A</b>   | B35   | 25 | 48 | 52 | 5 | 173 |
| <b>DIN 172-B35-45-A</b>   | B35   | 45 | 48 | 52 | 5 | 304 |
| <b>DIN 172-B35-56-A</b>   | B35   | 56 | 48 | 52 | 5 | 378 |
| <b>DIN 172-B36-30-A</b>   | B36   | 30 | 55 | 59 | 5 | 326 |
| <b>DIN 172-B36-56-A</b>   | B36   | 56 | 55 | 59 | 5 | 601 |
| <b>DIN 172-B36-67-A</b>   | B36   | 67 | 55 | 59 | 5 | 230 |
| <b>DIN 172-B37-30-A</b>   | B37   | 30 | 55 | 59 | 5 | 313 |
| <b>DIN 172-B37-56-A</b>   | B37   | 56 | 55 | 59 | 5 | 568 |
| <b>DIN 172-B37-67-A</b>   | B37   | 37 | 55 | 59 | 5 | 678 |
| <b>DIN 172-B38-30-A</b>   | B38   | 30 | 55 | 59 | 5 | 299 |
| <b>DIN 172-B38-56-A</b>   | B38   | 56 | 55 | 59 | 5 | 550 |
| <b>DIN 172-B38-67-A</b>   | B38   | 67 | 55 | 59 | 5 | 658 |
| <b>DIN 172-B39-30-A</b>   | B39   | 30 | 55 | 59 | 5 | 280 |
| <b>DIN 172-B39-56-A</b>   | B39   | 56 | 55 | 59 | 5 | 517 |
| <b>DIN 172-B39-67-A</b>   | B39   | 67 | 55 | 59 | 5 | 617 |
| <b>DIN 172-B40-30-A</b>   | B40   | 30 | 55 | 59 | 5 | 270 |
| <b>DIN 172-B40-56-A</b>   | B40   | 56 | 55 | 59 | 5 | 496 |
| <b>DIN 172-B40-67-A</b>   | B40   | 67 | 55 | 59 | 5 | 593 |
| <b>DIN 172-B41-30-A</b>   | B41   | 30 | 55 | 59 | 5 | 255 |
| <b>DIN 172-B41-56-A</b>   | B41   | 56 | 55 | 59 | 5 | 462 |
| <b>DIN 172-B41-67-A</b>   | B41   | 67 | 55 | 59 | 5 | 552 |
| <b>DIN 172-B42-30-A</b>   | B42   | 30 | 55 | 59 | 5 | 240 |
| <b>DIN 172-B42-56-A</b>   | B42   | 56 | 55 | 59 | 5 | 496 |
| <b>DIN 172-B42-67-A</b>   | B42   | 67 | 55 | 59 | 5 | 524 |



**PROFFIXO**

DO BRASIL INDÚSTRIA E COMÉRCIO LTDA

*Soluções Personalizadas*

Rua Paulo Silveira Costa, 60 – Vila Califórnia, São Paulo / SP – CEP 04775-200

Tel: +55 11 5525-1960 / 11 99235-1644 / 11 96375-6579

e-mail: [proffixo@proffixo.com.br](mailto:proffixo@proffixo.com.br)

Site: [www.proffixo.com.br](http://www.proffixo.com.br)