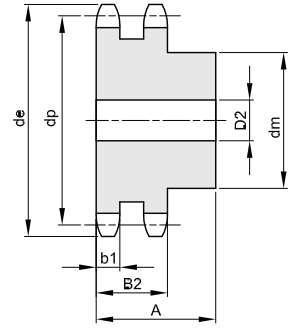
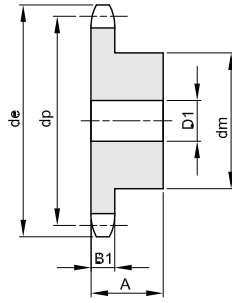
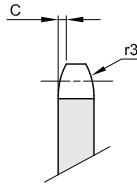


# ASA 60

**19,05 x 12,7 mm**  
**Rodillo 11,91 mm**  
**12A - 1 - 2**

| B1   | B2   | B3 | b1   | C   | r3 |
|------|------|----|------|-----|----|
| 11,6 | 34,1 |    | 11,3 | 2,4 | 20 |



Material acero C45

| Z  | de    | dp     | simple |    |    |      | doble |    |    |      | triple |    |   |     |  |  |
|----|-------|--------|--------|----|----|------|-------|----|----|------|--------|----|---|-----|--|--|
|    |       |        | dm     | D1 | A  | Kg.  | dm    | D2 | A  | Kg.  | dm     | D3 | A | Kg. |  |  |
| 8  | 58,1  | 49,78  |        |    |    |      |       |    |    |      |        |    |   |     |  |  |
| 9  | 64,0  | 55,70  |        |    |    |      |       |    |    |      |        |    |   |     |  |  |
| 10 | 70,0  | 61,64  | 42     | 12 | 30 | 0,38 | 42    | 16 | 45 | 0,58 |        |    |   |     |  |  |
| 11 | 76,0  | 67,61  | 46     | 16 | 35 | 0,50 | 47    | 16 | 50 | 0,80 |        |    |   |     |  |  |
| 12 | 81,9  | 73,60  | 52     | 16 | 35 | 0,64 | 53    | 16 | 50 | 1,01 |        |    |   |     |  |  |
| 13 | 87,9  | 79,59  | 58     | 16 | 35 | 0,80 | 59    | 16 | 50 | 1,24 |        |    |   |     |  |  |
| 14 | 94,0  | 85,61  | 64     | 16 | 35 | 0,97 | 65    | 16 | 50 | 1,45 |        |    |   |     |  |  |
| 15 | 100,0 | 91,63  | 70     | 16 | 35 | 1,16 | 71    | 16 | 50 | 1,73 |        |    |   |     |  |  |
| 16 | 106,0 | 97,65  | 75     | 16 | 35 | 1,34 | 77    | 20 | 50 | 2,03 |        |    |   |     |  |  |
| 17 | 112,0 | 103,67 | 80     | 16 | 35 | 1,53 | 83    | 20 | 50 | 2,35 |        |    |   |     |  |  |
| 18 | 118,0 | 109,71 | 80     | 16 | 35 | 1,61 | 89    | 20 | 50 | 2,70 |        |    |   |     |  |  |
| 19 | 124,1 | 115,75 | 80     | 16 | 35 | 1,70 | 95    | 20 | 50 | 3,06 |        |    |   |     |  |  |
| 20 | 130,1 | 121,78 | 80     | 16 | 35 | 1,84 | 100   | 20 | 50 | 3,45 |        |    |   |     |  |  |
| 21 | 136,2 | 127,82 | 90     | 20 | 40 | 2,35 | 100   | 20 | 50 | 3,69 |        |    |   |     |  |  |
| 22 | 142,2 | 133,86 | 90     | 20 | 40 | 2,45 | 100   | 20 | 50 | 3,96 |        |    |   |     |  |  |
| 23 | 148,2 | 139,90 | 90     | 20 | 40 | 2,56 | 110   | 20 | 50 | 4,50 |        |    |   |     |  |  |
| 24 | 154,3 | 145,94 | 90     | 20 | 40 | 2,67 | 110   | 20 | 50 | 4,81 |        |    |   |     |  |  |
| 25 | 160,3 | 152,00 | 90     | 20 | 40 | 2,79 | 120   | 20 | 50 | 5,40 |        |    |   |     |  |  |
| 26 | 166,4 | 158,04 | 95     | 20 | 40 | 3,08 | 120   | 20 | 50 | 5,73 |        |    |   |     |  |  |
| 27 | 172,4 | 164,09 | 95     | 20 | 40 | 3,21 |       |    |    |      |        |    |   |     |  |  |
| 28 | 178,5 | 170,13 | 95     | 20 | 40 | 3,34 | 120   | 20 | 50 | 6,43 |        |    |   |     |  |  |
| 29 | 184,5 | 176,19 |        |    |    |      |       |    |    |      |        |    |   |     |  |  |
| 30 | 190,6 | 182,25 | 95     | 20 | 40 | 3,62 | 120   | 20 | 50 | 7,18 |        |    |   |     |  |  |
| 31 | 196,6 | 188,31 |        |    |    |      |       |    |    |      |        |    |   |     |  |  |
| 32 | 202,7 | 194,35 | 95     | 20 | 40 | 3,92 |       |    |    |      |        |    |   |     |  |  |
| 33 | 208,8 | 200,40 |        |    |    |      |       |    |    |      |        |    |   |     |  |  |
| 34 | 214,8 | 206,46 | 95     | 20 | 40 | 4,25 |       |    |    |      |        |    |   |     |  |  |
| 35 | 220,9 | 212,52 | 95     | 20 | 40 | 4,41 |       |    |    |      |        |    |   |     |  |  |
| 36 | 226,9 | 218,58 | 95     | 20 | 40 | 4,71 |       |    |    |      |        |    |   |     |  |  |
| 37 | 233,0 | 224,64 |        |    |    |      |       |    |    |      |        |    |   |     |  |  |
| 38 | 239,0 | 230,69 | 100    | 20 | 40 | 5,07 |       |    |    |      |        |    |   |     |  |  |
| 39 | 245,1 | 236,75 |        |    |    |      |       |    |    |      |        |    |   |     |  |  |
| 40 | 251,1 | 242,81 | 100    | 20 | 40 | 5,45 |       |    |    |      |        |    |   |     |  |  |