

| REFERENCIA | DIAGRAMA | CANTIDAD | DIAMETRO | LONGITUD | PESOTOTAL |
|------------|----------|----------|----------|----------|-----------|
| R0         |          | 6        | #5       | 5.00     | 48.56     |
| R01        |          | 4        | #5       | 8.50     | 52.77     |
| R010       |          | 4        | #5       | 6.50     | 40.35     |
| R011       |          | 17       | #5       | 6.00     | 158.30    |
| R012       |          | 3        | #5       | 3.70     | 17.23     |
| R013       |          | 8        | #5       | 5.10     | 63.32     |
| R014       |          | 4        | #5       | 4.00     | 24.83     |
| R015       |          | 4        | #5       | 5.60     | 34.76     |
| R016       |          | 12       | #5       | 2.30     | 42.84     |
| R017       |          | 8        | #5       | 3.30     | 40.97     |
| R018       |          | 6        | #5       | 7.70     | 71.70     |
| R019       |          | 8        | #5       | 3.95     | 49.04     |
| R02        |          | 14       | #5       | 4.00     | 85.91     |
| R020       |          | 16       | #5       | 5.70     | 141.54    |
| R021       |          | 4        | #5       | 6.25     | 38.80     |
| R022       |          | 2        | #5       | 2.40     | 7.45      |
| R023       |          | 4        | #5       | 8.00     | 49.66     |
| R024       |          | 2        | #5       | 7.40     | 22.97     |
| R025       |          | 10       | #5       | 3.00     | 46.56     |
| R026       |          | 4        | #5       | 8.35     | 51.84     |
| R027       |          | 4        | #5       | 6.65     | 41.28     |
| R028       |          | 4        | #5       | 7.40     | 45.94     |
| R029       |          | 14       | #5       | 4.30     | 93.43     |
| R03        |          | 8        | #5       | 8.50     | 105.54    |
| R030       |          | 2        | #5       | 3.80     | 11.80     |
| R032       |          | 6        | #5       | 4.50     | 41.90     |
| R033       |          | 10       | #5       | 6.50     | 100.88    |
| R034       |          | 12       | #5       | 6.30     | 117.33    |
| R035       |          | 16       | #5       | 7.00     | 173.82    |
| R036       |          | 6        | #5       | 3.60     | 33.52     |
| R037       |          | 8        | #5       | 2.50     | 31.04     |
| R038       |          | 4        | #5       | 4.10     | 25.45     |
| R039       |          | 4        | #5       | 6.05     | 37.56     |
| R04        |          | 2490     | #3       | 0.80     | 1115.52   |
| R040       |          | 4        | #5       | 4.50     | 27.94     |
| R041       |          | 12       | #5       | 4.45     | 82.88     |
| R042       |          | 4        | #5       | 6.60     | 40.97     |
| R043       |          | 2        | #5       | 7.90     | 24.52     |
| R044       |          | 4        | #5       | 6.45     | 40.04     |
| R045       |          | 8        | #5       | 2.70     | 33.52     |
| R046       |          | 17       | #5       | 7.00     | 184.69    |
| R047       |          | 4        | #5       | 6.20     | 38.48     |
| R048       |          | 6        | #5       | 9.00     | 83.81     |
| R049       |          | 4        | #5       | 5.30     | 32.90     |
| R050       |          | 12       | #5       | 6.70     | 124.78    |
| R051       |          | 40       | #5       | 3.10     | 192.45    |
| R052       |          | 4        | #5       | 3.15     | 19.58     |
| R053       |          | 13       | #5       | 6.00     | 121.06    |
| R054       |          | 6        | #5       | 6.30     | 58.67     |
| R055       |          | 6        | #5       | 6.80     | 63.32     |
| R056       |          | 2        | #5       | 4.50     | 13.97     |
| R057       |          | 6        | #5       | 6.10     | 56.80     |
| R058       |          | 4        | #5       | 6.75     | 41.90     |
| R059       |          | 4        | #5       | 7.20     | 44.70     |
| R060       |          | 4        | #5       | 1.95     | 12.11     |
| R061       |          | 6        | #5       | 7.50     | 69.84     |
| R062       |          | 2        | #5       | 7.20     | 22.35     |
| R063       |          | 6        | #5       | 6.60     | 61.46     |
| R064       |          | 3        | #6       | 6.60     | 44.25     |
| R065       |          | 3        | #6       | 8.50     | 56.99     |
| R066       |          | 3        | #6       | 8.00     | 53.64     |
| R067       |          | 3        | #6       | 4.10     | 27.49     |
| R068       |          | 534      | #3       | 2.00     | 588.08    |

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|------------|----------|----------|----------|----------|-----------|
| R07        |          | 4        | #5       | 5.20     | 32.28     |
| R070       |          | 3        | #6       | 3.60     | 24.14     |
| R071       |          | 3        | #6       | 8.30     | 55.65     |
| R072       |          | 3        | #6       | 7.50     | 50.29     |
| R073       |          | 3        | #6       | 7.70     | 51.63     |
| R074       |          | 3        | #6       | 3.80     | 25.48     |
| R075       |          | 3        | #6       | 3.40     | 22.80     |
| R076       |          | 3        | #6       | 5.60     | 37.55     |
| R077       |          | 3        | #6       | 4.80     | 32.18     |
| R078       |          | 3        | #6       | 7.80     | 52.30     |
| R079       |          | 3        | #6       | 7.50     | 50.29     |
| R08        |          | 2        | #5       | 8.30     | 25.76     |
| R088       |          | 8        | #5       | 3.45     | 42.84     |
| R089       |          | 1421     | #3       | 1.04     | 827.59    |
| R09        |          | 10       | #5       | 8.30     | 128.62    |
| R090       |          | 10       | #5       | 9.00     | 139.68    |
| R093       |          | 8        | #5       | 2.80     | 34.76     |
| R094       |          | 2        | #5       | 3.10     | 9.62      |
| R095       |          | 4        | #5       | 2.10     | 13.04     |
| R096       |          | 4        | #5       | 5.80     | 36.01     |
| R097       |          | 1        | #5       | 2.45     | 3.80      |
| R100       |          | 6        | #5       | 5.50     | 51.22     |
| R102       |          | 238      | #3       | 1.30     | 173.26    |
| R105       |          | 4        | #5       | 2.60     | 16.14     |
| R109       |          | 2        | #5       | 8.10     | 25.14     |
| R113       |          | 2        | #5       | 3.60     | 11.17     |
| R115       |          | 4        | #5       | 6.90     | 42.84     |
| R116       |          | 2        | #5       | 3.30     | 10.24     |
| R118       |          | 8        | #5       | 6.55     | 81.32     |
| R120       |          | 8        | #5       | 5.60     | 69.53     |
| R121       |          | 2        | #5       | 4.30     | 13.35     |
| R122       |          | 8        | #5       | 5.35     | 66.43     |
| R123       |          | 2        | #5       | 3.90     | 12.11     |
| R124       |          | 2        | #5       | 4.90     | 15.21     |
| R126       |          | 8        | #5       | 5.25     | 65.18     |
| R127       |          | 4        | #5       | 4.40     | 27.32     |
| R128       |          | 8        | #5       | 3.40     | 42.21     |
| R129       |          | 4        | #5       | 7.25     | 45.01     |
| R130       |          | 4        | #5       | 4.05     | 25.14     |
| R131       |          | 4        | #5       | 8.20     | 50.91     |
| R132       |          | 2        | #5       | 4.89     | 15.18     |
| R133       |          | 2        | #5       | 4.90     | 15.21     |
| R134       |          | 4        | #5       | 8.25     | 51.22     |
| R136       |          | 14       | #5       | 5.60     | 121.68    |
| R137       |          | 4        | #5       | 6.25     | 38.80     |
| R139       |          | 6        | #5       | 4.60     | 42.84     |
| R140       |          | 2        | #5       | 8.40     | 26.07     |
| R141       |          | 4        | #5       | 5.70     | 35.39     |
| R142       |          | 4        | #5       | 2.25     | 13.97     |
| R143       |          | 4        | #5       | 2.30     | 14.28     |
| R145       |          | 2        | #5       | 8.35     | 25.92     |
| R146       |          | 2        | #5       | 8.10     | 25.14     |
| R147       |          | 4        | #5       | 8.80     | 54.63     |
| R148       |          | 2        | #6       | 7.30     | 32.63     |
| R151       |          | 2        | #5       | 7.50     | 23.28     |
| R152       |          | 4        | #5       | 4.70     | 29.18     |
| R153       |          | 2        | #5       | 5.00     | 15.52     |
| R159       |          | 2        | #5       | 2.20     | 6.83      |
| R160       |          | 6        | #5       | 6.00     | 55.87     |
| R161       |          | 4        | #5       | 8.55     | 53.08     |
| R162       |          | 2        | #5       | 1.60     | 4.97      |
| R163       |          | 2        | #5       | 3.20     | 9.93      |
| R164       |          | 4        | #5       | 4.80     | 29.80     |

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|------------|----------|----------|----------|----------|-----------|
| R166       |          | 32       | #3       | 0.50     | 8.96      |
| R168       |          | 2        | #6       | 6.05     | 27.04     |
| R169       |          | 2        | #6       | 3.05     | 13.63     |
| R170       |          | 2        | #5       | 2.95     | 9.16      |
| R171       |          | 4        | #5       | 4.60     | 28.56     |
| R175       |          | 16       | #5       | 2.70     | 67.05     |
| R176       |          | 2        | #5       | 7.10     | 22.04     |
| R177       |          | 4        | #5       | 7.30     | 45.32     |
| R178       |          | 2        | #5       | 6.70     | 20.80     |
| R179       |          | 2        | #5       | 1.50     | 4.66      |
| R185       |          | 10       | #5       | 4.80     | 74.50     |
| R186       |          | 4        | #5       | 3.40     | 21.11     |
| R187       |          | 2223     | #3       | 1.10     | 1369.37   |
| R188       |          | 4        | #6       | 4.80     | 42.91     |
| R189       |          | 5        | #6       | 7.00     | 78.22     |
| R190       |          | 2        | #6       | 5.50     | 24.58     |
| R191       |          | 2        | #6       | 6.00     | 26.82     |
| R192       |          | 2        | #6       | 7.70     | 34.42     |
| R193       |          | 2        | #6       | 7.20     | 32.18     |
| R194       |          | 2        | #6       | 3.60     | 16.09     |
| R195       |          | 174      | #3       | 1.40     | 136.42    |
| R196       |          | 4        | #5       | 7.30     | 45.32     |
| R197       |          | 5        | #5       | 1.50     | 11.64     |
| R198       |          | 5        | #6       | 2.20     | 24.58     |
| R199       |          | 10       | #5       | 3.50     | 54.32     |
| R200       |          | 2        | #5       | 8.60     | 26.69     |
| R201       |          | 2        | #5       | 2.00     | 6.21      |
| R202       |          | 2        | #5       | 4.20     | 13.04     |
| R203       |          | 2        | #5       | 6.90     | 21.42     |
| R204       |          | 6        | #5       | 5.50     | 51.22     |
| R205       |          | 2        | #5       | 8.00     | 24.63     |
| R206       |          | 2        | #5       | 7.80     | 24.21     |
| R207       |          | 4        | #6       | 3.50     | 31.29     |
| R208       |          | 6        | #5       | 3.50     | 32.59     |
| R209       |          | 3        | #5       | 3.70     | 17.23     |
| R210       |          | 3        | #5       | 6.20     | 28.87     |
| R211       |          | 3        | #5       | 6.40     | 29.80     |
| R212       |          | 3        | #5       | 3.35     | 15.60     |
| R213       |          | 12       | #5       | 5.30     | 98.71     |
| R214       |          | 360      | #3       | 1.00     | 201.60    |
| R215       |          | 2        | #5       | 6.10     | 18.93     |
| R216       |          | 4        | #5       | 3.80     | 23.59     |
| R217       |          | 4        | #5       | 2.70     | 16.76     |
| R218       |          | 6        | #6       | 6.20     | 83.14     |
| R219       |          | 6        | #6       |          |           |