

**CAÑELLAS Y  
MICOLAU, S.A.**




**CATALOGO  
DE  
TORICAS**



**CAÑELLAS Y MICOLAU, S.A.**

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De lunes a viernes de 07 a 15 horas



# TÓRICAS



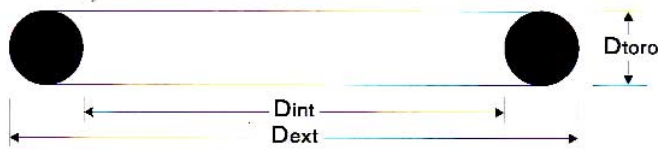
## Medidas:

$D_{int}$  ..... diámetro interior  
 $D_{toro}$  ..... diámetro del toro  
 $D_{ext} = D_{int} + D_{toro} + D_{toro}$

| Referencia | $D_{int}$ | $D_{toro}$ | Referencia | $D_{int}$ | $D_{toro}$ | Referencia | $D_{int}$ | $D_{toro}$ |
|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| STO0008005 | 0.8       | 0.5        | STO0060020 | 6.0       | 2.0        | STO0093019 | 9.3       | 1.9        |
| STO0015008 | 1.5       | 0.8        | STO0060025 | 6.0       | 2.5        | STO0095016 | 9.5       | 1.6        |
| STO0015028 | 1.5       | 2.8        | STO0062028 | 6.2       | 2.8        | STO0097028 | 9.7       | 2.8        |
| STO0018010 | 1.8       | 1.0        | STO0063024 | 6.3       | 2.4        | STO0099026 | 9.9       | 2.6        |
| STO0019013 | 1.9       | 1.3        | STO0064019 | 6.4       | 1.9        | STO0100010 | 10.0      | 1.0        |
| STO0019019 | 1.9       | 1.9        | STO0067018 | 6.7       | 1.8        | STO0100016 | 10.0      | 1.6        |
| STO0026010 | 2.6       | 1.0        | STO0068017 | 6.8       | 1.7        | STO0100020 | 10.0      | 2.0        |
| STO0026016 | 2.6       | 1.6        | STO0068019 | 6.8       | 1.9        | STO0100025 | 10.0      | 2.5        |
| STO0026018 | 2.6       | 1.8        | STO0070010 | 7.0       | 1.0        | STO0100030 | 10.0      | 3.0        |
| STO0026019 | 2.6       | 1.9        | STO0070015 | 7.0       | 1.5        | STO0100035 | 10.0      | 3.5        |
| STO0027015 | 2.7       | 1.5        | STO0070019 | 7.0       | 1.9        | STO0100065 | 10.0      | 6.5        |
| STO0029017 | 2.9       | 1.7        | STO0070020 | 7.0       | 2.0        | STO0103010 | 10.3      | 1.0        |
| STO0029018 | 2.9       | 1.8        | STO0072019 | 7.2       | 1.9        | STO0105027 | 10.5      | 2.7        |
| STO0030025 | 3.0       | 2.5        | STO0075020 | 7.5       | 2.0        | STO0105040 | 10.5      | 4.0        |
| STO0032010 | 3.2       | 1.0        | STO0075025 | 7.5       | 2.5        | STO0106018 | 10.6      | 1.8        |
| STO0034014 | 3.4       | 1.4        | STO0075026 | 7.5       | 2.6        | STO0108018 | 10.8      | 1.8        |
| STO0034019 | 3.4       | 1.9        | STO0075035 | 7.5       | 3.5        | STO0108027 | 10.8      | 2.7        |
| STO0035025 | 3.5       | 2.5        | STO0076026 | 7.6       | 2.6        | STO0110020 | 11.0      | 2.0        |
| STO0036017 | 3.6       | 1.7        | STO0076035 | 7.6       | 3.5        | STO0110025 | 11.0      | 2.5        |
| STO0036018 | 3.6       | 1.8        | STO0077018 | 7.7       | 1.8        | STO0110045 | 11.0      | 4.5        |
| STO0039013 | 3.9       | 1.3        | STO0077026 | 7.7       | 2.6        | STO0110085 | 11.0      | 8.5        |
| STO0040010 | 4.0       | 1.0        | STO0080013 | 8.0       | 1.3        | STO0111040 | 11.1      | 4.0        |
| STO0040015 | 4.0       | 1.5        | STO0080014 | 8.0       | 1.4        | STO0115032 | 11.5      | 3.2        |
| STO0040020 | 4.0       | 2.0        | STO0080016 | 8.0       | 1.6        | STO0116024 | 11.6      | 2.4        |
| STO0040025 | 4.0       | 2.5        | STO0080020 | 8.0       | 2.0        | STO0120016 | 12.0      | 1.6        |
| STO0042019 | 4.2       | 1.9        | STO0080025 | 8.0       | 2.5        | STO0120020 | 12.0      | 2.0        |
| STO0044018 | 4.4       | 1.8        | STO0080030 | 8.0       | 3.0        | STO0120030 | 12.0      | 3.0        |
| STO0045013 | 4.5       | 1.3        | STO0081022 | 8.1       | 2.2        | STO0120040 | 12.0      | 4.0        |
| STO0048019 | 4.8       | 1.9        | STO0081027 | 8.1       | 2.7        | STO0120070 | 12.0      | 7.0        |
| STO0049019 | 4.9       | 1.9        | STO0082019 | 8.2       | 1.9        | STO0121027 | 12.1      | 2.7        |
| STO0050010 | 5.0       | 1.0        | STO0083024 | 8.3       | 2.4        | STO0123024 | 12.3      | 2.4        |
| STO0050015 | 5.0       | 1.5        | STO0087018 | 8.7       | 1.8        | STO0124018 | 12.4      | 1.8        |
| STO0050020 | 5.0       | 2.0        | STO0088019 | 8.8       | 1.9        | STO0125028 | 12.5      | 2.8        |
| STO0050025 | 5.0       | 2.5        | STO0089019 | 8.9       | 1.9        | STO0127019 | 12.7      | 1.9        |
| STO0052018 | 5.2       | 1.8        | STO0089027 | 8.9       | 2.7        | STO0128027 | 12.8      | 2.7        |
| STO0053018 | 5.3       | 1.8        | STO0089032 | 8.9       | 3.2        | STO0130020 | 13.0      | 2.0        |
| STO0055030 | 5.5       | 3.0        | STO0090015 | 9.0       | 1.5        | STO0130030 | 13.0      | 3.0        |
| STO0057019 | 5.7       | 1.9        | STO0090020 | 9.0       | 2.0        | STO0130035 | 13.0      | 3.5        |
| STO0060010 | 6.0       | 1.0        | STO0090040 | 9.0       | 4.0        | STO0130047 | 13.0      | 4.7        |
| STO0060012 | 6.0       | 1.2        | STO0091019 | 9.1       | 1.9        | STO0131026 | 13.1      | 2.6        |
| STO0060015 | 6.0       | 1.5        | STO0091022 | 9.1       | 2.2        | STO0132019 | 13.2      | 1.9        |
| STO0060018 | 6.0       | 1.8        | STO0092020 | 9.2       | 2.0        | STO0133024 | 13.3      | 2.4        |

| Referencia | D <sub>int</sub> | D <sub>toro</sub> | Referencia | D <sub>int</sub> | D <sub>toro</sub> | Referencia | D <sub>int</sub> | D <sub>toro</sub> |
|------------|------------------|-------------------|------------|------------------|-------------------|------------|------------------|-------------------|
| STO0134028 | 13.4             | 2.8               | STO0180015 | 18.0             | 1.5               | STO0220035 | 22.0             | 3.5               |
| STO0136027 | 13.6             | 2.7               | STO0180020 | 18.0             | 2.0               | STO0220050 | 22.0             | 5.0               |
| STO0137020 | 13.7             | 2.0               | STO0180027 | 18.0             | 2.7               | STO0222014 | 22.2             | 1.4               |
| STO0139018 | 13.9             | 1.8               | STO0180070 | 18.0             | 7.0               | STO0222040 | 22.2             | 4.0               |
| STO0140010 | 14.0             | 1.0               | STO0182030 | 18.2             | 3.0               | STO0225028 | 22.5             | 2.8               |
| STO0140013 | 14.0             | 1.3               | STO0183024 | 18.3             | 2.4               | STO0227019 | 22.7             | 1.9               |
| STO0140020 | 14.0             | 2.0               | STO0183036 | 18.3             | 3.6               | STO0230025 | 23.0             | 2.5               |
| STO0140025 | 14.0             | 2.5               | STO0184027 | 18.4             | 2.7               | STO0230036 | 23.0             | 3.6               |
| STO0140030 | 14.0             | 3.0               | STO0185018 | 18.5             | 1.8               | STO0230060 | 23.0             | 6.0               |
| STO0140040 | 14.0             | 4.0               | STO0185020 | 18.5             | 2.0               | STO0232053 | 23.2             | 5.3               |
| STO0140055 | 14.0             | 5.5               | STO0187019 | 18.7             | 1.9               | STO0233024 | 23.3             | 2.4               |
| STO0143024 | 14.3             | 2.4               | STO0188026 | 18.8             | 2.6               | STO0235026 | 23.5             | 2.6               |
| STO0144018 | 14.4             | 1.8               | STO0188031 | 18.8             | 3.1               | STO0236019 | 23.6             | 1.9               |
| STO0144028 | 14.4             | 2.8               | STO0190018 | 19.0             | 1.8               | STO0240020 | 24.0             | 2.0               |
| STO0147025 | 14.7             | 2.5               | STO0190020 | 19.0             | 2.0               | STO0240030 | 24.0             | 3.0               |
| STO0150015 | 15.0             | 1.5               | STO0190028 | 19.0             | 2.8               | STO0240040 | 24.0             | 4.0               |
| STO0150020 | 15.0             | 2.0               | STO0190035 | 19.0             | 3.5               | STO0245026 | 24.5             | 2.6               |
| STO0150025 | 15.0             | 2.5               | STO0190070 | 19.0             | 7.0               | STO0246053 | 24.6             | 5.3               |
| STO0150030 | 15.0             | 3.0               | STO0193025 | 19.3             | 2.5               | STO0248022 | 24.8             | 2.2               |
| STO0150035 | 15.0             | 3.5               | STO0194032 | 19.4             | 3.2               | STO0248035 | 24.8             | 3.5               |
| STO0150047 | 15.0             | 4.7               | STO0195020 | 19.5             | 2.0               | STO0250020 | 25.0             | 2.0               |
| STO0150070 | 15.0             | 7.0               | STO0198036 | 19.8             | 3.6               | STO0250025 | 25.0             | 2.5               |
| STO0151027 | 15.1             | 2.7               | STO0198039 | 19.8             | 3.9               | STO0250026 | 25.0             | 2.6               |
| STO0153024 | 15.3             | 2.4               | STO0200015 | 20.0             | 1.5               | STO0250032 | 25.0             | 3.2               |
| STO0155040 | 15.5             | 4.0               | STO0200018 | 20.0             | 1.8               | STO0250035 | 25.0             | 3.5               |
| STO0157015 | 15.7             | 1.5               | STO0200024 | 20.0             | 2.4               | STO0250040 | 25.0             | 4.0               |
| STO0157018 | 15.7             | 1.8               | STO0200025 | 20.0             | 2.5               | STO0250048 | 25.0             | 4.8               |
| STO0158026 | 15.8             | 2.6               | STO0200030 | 20.0             | 3.0               | STO0250050 | 25.0             | 5.0               |
| STO0158050 | 15.8             | 5.0               | STO0200040 | 20.0             | 4.0               | STO0251018 | 25.1             | 1.8               |
| STO0160010 | 16.0             | 1.0               | STO0200045 | 20.0             | 4.5               | STO0253024 | 25.3             | 2.4               |
| STO0160012 | 16.0             | 1.2               | STO0200050 | 20.0             | 5.0               | STO0255045 | 25.5             | 4.5               |
| STO0160020 | 16.0             | 2.0               | STO0200080 | 20.0             | 8.0               | STO0256035 | 25.6             | 3.5               |
| STO0160025 | 16.0             | 2.5               | STO0202026 | 20.2             | 2.6               | STO0258018 | 25.8             | 1.8               |
| STO0160030 | 16.0             | 3.0               | STO0203024 | 20.3             | 2.4               | STO0260020 | 26.0             | 2.0               |
| STO0160040 | 16.0             | 4.0               | STO0203034 | 20.3             | 3.4               | STO0260030 | 26.0             | 3.0               |
| STO0160050 | 16.0             | 5.0               | STO0205018 | 20.5             | 1.8               | STO0260033 | 26.0             | 3.3               |
| STO0160070 | 16.0             | 7.0               | STO0207030 | 20.7             | 3.0               | STO0260036 | 26.0             | 3.6               |
| STO0162018 | 16.2             | 1.8               | STO0210020 | 21.0             | 2.0               | STO0260053 | 26.0             | 5.3               |
| STO0167030 | 16.7             | 3.0               | STO0210025 | 21.0             | 2.5               | STO0262036 | 26.2             | 3.6               |
| STO0168020 | 16.8             | 2.0               | STO0210027 | 21.0             | 2.7               | STO0263024 | 26.3             | 2.4               |
| STO0169027 | 16.9             | 2.7               | STO0210030 | 21.0             | 3.0               | STO0265026 | 26.5             | 2.6               |
| STO0170018 | 17.0             | 1.8               | STO0210062 | 21.0             | 6.2               | STO0267018 | 26.7             | 1.8               |
| STO0170020 | 17.0             | 2.0               | STO0210080 | 21.0             | 8.0               | STO0270020 | 27.0             | 2.0               |
| STO0170026 | 17.0             | 2.6               | STO0213036 | 21.3             | 3.6               | STO0270024 | 27.0             | 2.4               |
| STO0173024 | 17.3             | 2.4               | STO0216036 | 21.6             | 3.6               | STO0270025 | 27.0             | 2.5               |
| STO0176029 | 17.6             | 2.9               | STO0218026 | 21.8             | 2.6               | STO0270032 | 27.0             | 3.2               |
| STO0177010 | 17.7             | 1.0               | STO0218027 | 21.8             | 2.7               | STO0270040 | 27.0             | 4.0               |
| STO0178024 | 17.8             | 2.4               | STO0220010 | 22.0             | 1.0               | STO0270080 | 27.0             | 8.0               |
| STO0179026 | 17.9             | 2.6               | STO0220015 | 22.0             | 1.5               | STO0270092 | 27.0             | 9.2               |
| STO0180012 | 18.0             | 1.2               | STO0220018 | 22.0             | 1.8               | STO0274028 | 27.4             | 2.8               |
| STO0180013 | 18.0             | 1.3               | STO0220030 | 22.0             | 3.0               | STO0277020 | 27.7             | 2.0               |

# TÓRICAS



## Medidas:

$D_{int}$  ..... diámetro interior  
 $D_{toro}$  ..... diámetro del toro  
 $D_{ext} = D_{int} + D_{toro} + D_{toro}$

| Referencia | $D_{int}$ | $D_{toro}$ | Referencia | $D_{int}$ | $D_{toro}$ | Referencia | $D_{int}$ | $D_{toro}$ |
|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| STO0278036 | 27.8      | 3.6        | STO0317040 | 31.7      | 4.0        | STO0360050 | 36.0      | 5.0        |
| STO0280010 | 28.0      | 1.0        | STO0318035 | 31.8      | 3.5        | STO0365100 | 36.5      | 10.0       |
| STO0280018 | 28.0      | 1.8        | STO0320015 | 32.0      | .5         | STO0370015 | 37.0      | 1.5        |
| STO0280020 | 28.0      | 2.0        | STO0320030 | 32.0      | 3.0        | STO0370030 | 37.0      | 3.0        |
| STO0280025 | 28.0      | 2.5        | STO0320033 | 32.0      | 3.3        | STO0370045 | 37.0      | 4.5        |
| STO0280030 | 28.0      | 3.0        | STO0320040 | 32.0      | 4.0        | STO0370050 | 37.0      | 5.0        |
| STO0280035 | 28.0      | 3.5        | STO0320050 | 32.0      | 5.0        | STO0373036 | 37.3      | 3.6        |
| STO0280037 | 28.0      | 3.7        | STO0320070 | 32.0      | 7.0        | STO0373087 | 37.3      | 8.7        |
| STO0280043 | 28.0      | 4.3        | STO0325036 | 32.5      | 3.6        | STO0373088 | 37.3      | 8.8        |
| STO0280050 | 28.0      | 5.0        | STO0326022 | 32.6      | 2.2        | STO0374069 | 37.4      | 6.9        |
| STO0280053 | 28.0      | 5.3        | STO0327053 | 32.7      | 5.3        | STO0374070 | 37.4      | 7.0        |
| STO0280056 | 28.0      | 5.6        | STO0328026 | 32.8      | 2.6        | STO0375026 | 37.5      | 2.6        |
| STO0281087 | 28.1      | 8.7        | STO0328028 | 32.8      | 2.8        | STO0380010 | 38.0      | 1.0        |
| STO0285024 | 28.5      | 2.4        | STO0330030 | 33.0      | 3.0        | STO0380018 | 38.0      | 1.8        |
| STO0285035 | 28.5      | 3.5        | STO0330050 | 33.0      | 5.0        | STO0380026 | 38.0      | 2.6        |
| STO0286055 | 28.6      | 5.5        | STO0333024 | 33.3      | 2.4        | STO0380030 | 38.0      | 3.0        |
| STO0290018 | 29.0      | 1.8        | STO0333035 | 33.3      | 3.5        | STO0380035 | 38.0      | 3.5        |
| STO0290020 | 29.0      | 2.0        | STO0340030 | 34.0      | 3.0        | STO0380040 | 38.0      | 4.0        |
| STO0290025 | 29.0      | 2.5        | STO0340040 | 34.0      | 4.0        | STO0386015 | 38.6      | 1.5        |
| STO0290030 | 29.0      | 3.0        | STO0341036 | 34.1      | 3.6        | STO0388057 | 38.8      | 5.7        |
| STO0290035 | 29.0      | 3.5        | STO0345018 | 34.5      | 1.8        | STO0390010 | 39.0      | 1.0        |
| STO0290063 | 29.0      | 6.3        | STO0345026 | 34.5      | 2.6        | STO0390020 | 39.0      | 2.0        |
| STO0292030 | 29.2      | 3.0        | STO0345036 | 34.5      | 3.6        | STO0390030 | 39.0      | 3.0        |
| STO0295045 | 29.5      | 4.5        | STO0350015 | 35.0      | 1.5        | STO0393026 | 39.3      | 2.6        |
| STO0296020 | 29.6      | 2.0        | STO0350020 | 35.0      | 2.0        | STO0395027 | 39.5      | 2.7        |
| STO0296026 | 29.6      | 2.6        | STO0350028 | 35.0      | 2.8        | STO0395065 | 39.5      | 6.5        |
| STO0296036 | 29.6      | 3.6        | STO0350032 | 35.0      | 3.2        | STO0397035 | 39.7      | 3.5        |
| STO0298010 | 29.8      | 1.0        | STO0350035 | 35.0      | 3.5        | STO0400025 | 40.0      | 2.5        |
| STO0298026 | 29.8      | 2.6        | STO0350040 | 35.0      | 4.0        | STO0400036 | 40.0      | 3.6        |
| STO0300020 | 30.0      | 2.0        | STO0350050 | 35.0      | 5.0        | STO0400040 | 40.0      | 4.0        |
| STO0300030 | 30.0      | 3.0        | STO0350070 | 35.0      | 7.0        | STO0400053 | 40.0      | 5.3        |
| STO0300040 | 30.0      | 4.0        | STO0351036 | 35.1      | 3.6        | STO0400080 | 40.0      | 8.0        |
| STO0300050 | 30.0      | 5.0        | STO0352030 | 35.2      | 3.0        | STO0400100 | 40.0      | 10.0       |
| STO0300060 | 30.0      | 6.0        | STO0355035 | 35.5      | 3.5        | STO0402030 | 40.2      | 3.0        |
| STO0300100 | 30.0      | 10.0       | STO0356020 | 35.6      | 2.0        | STO0402053 | 40.2      | 5.3        |
| STO0303024 | 30.3      | 2.4        | STO0356036 | 35.6      | 3.6        | STO0404050 | 40.4      | 5.0        |
| STO0308036 | 30.8      | 3.6        | STO0358035 | 35.8      | 3.5        | STO0406038 | 40.6      | 3.8        |
| STO0308045 | 30.8      | 4.5        | STO0360015 | 36.0      | 1.5        | STO0406053 | 40.6      | 5.3        |
| STO0310035 | 31.0      | 3.5        | STO0360020 | 36.0      | 2.0        | STO0407018 | 40.7      | 1.8        |
| STO0310047 | 31.0      | 4.7        | STO0360025 | 36.0      | 2.5        | STO0407027 | 40.7      | 2.7        |
| STO0312018 | 31.2      | 1.8        | STO0360026 | 36.0      | 2.6        | STO0409027 | 40.9      | 2.7        |
| STO0312026 | 31.2      | 2.6        | STO0360035 | 36.0      | 3.5        | STO0410010 | 41.0      | 1.0        |

| Referencia | D <sub>int</sub> | D <sub>toro</sub> | Referencia | D <sub>int</sub> | D <sub>toro</sub> | Referencia | D <sub>int</sub> | D <sub>toro</sub> |
|------------|------------------|-------------------|------------|------------------|-------------------|------------|------------------|-------------------|
| STO0410030 | 41.0             | 3.0               | STO0466053 | 46.6             | 5.3               | STO0520040 | 52.0             | 4.0               |
| STO0410034 | 41.0             | 3.4               | STO0470030 | 47.0             | 3.0               | STO0520045 | 52.0             | 4.5               |
| STO0410035 | 41.0             | 3.5               | STO0470035 | 47.0             | 3.5               | STO0520063 | 52.0             | 6.3               |
| STO0410040 | 41.0             | 4.0               | STO0470040 | 47.0             | 4.0               | STO0520065 | 52.0             | 6.5               |
| STO0415035 | 41.5             | 3.5               | STO0470100 | 47.0             | 10.0              | STO0525035 | 52.5             | 3.5               |
| STO0415086 | 41.5             | 8.6               | STO0472024 | 47.2             | 2.4               | STO0529053 | 52.9             | 5.3               |
| STO0415089 | 41.5             | 8.9               | STO0475018 | 47.5             | 1.8               | STO0530030 | 53.0             | 3.0               |
| STO0418031 | 41.8             | 3.5               | STO0475035 | 47.5             | 3.5               | STO0534020 | 53.4             | 2.0               |
| STO0420018 | 42.0             | 1.8               | STO0475090 | 47.5             | 9.0               | STO0534054 | 53.4             | 5.4               |
| STO0420030 | 42.0             | 3.0               | STO0477035 | 47.7             | 3.5               | STO0535060 | 53.5             | 6.0               |
| STO0420040 | 42.0             | 4.0               | STO0480020 | 48.0             | 2.0               | STO0536035 | 53.6             | 3.5               |
| STO0420045 | 42.0             | 4.5               | STO0480025 | 48.0             | 2.5               | STO0540018 | 54.0             | 1.8               |
| STO0420070 | 42.0             | 7.0               | STO0480030 | 48.0             | 3.0               | STO0540035 | 54.0             | 3.5               |
| STO0425026 | 42.5             | 2.6               | STO0480035 | 48.0             | 3.5               | STO0540047 | 54.0             | 4.7               |
| STO0426020 | 42.6             | 2.0               | STO0480050 | 48.0             | 5.0               | STO0540057 | 54.0             | 5.7               |
| STO0428036 | 42.8             | 3.6               | STO0480060 | 48.0             | 6.0               | STO0540060 | 54.0             | 6.0               |
| STO0428044 | 42.8             | 4.4               | STO0480065 | 48.0             | 6.5               | STO0542030 | 54.2             | 3.0               |
| STO0430026 | 43.0             | 2.6               | STO0480080 | 48.0             | 8.0               | STO0546053 | 54.6             | 5.3               |
| STO0430030 | 43.0             | 3.0               | STO0482065 | 48.2             | 6.5               | STO0549026 | 54.9             | 2.6               |
| STO0430035 | 43.0             | 3.5               | STO0485060 | 48.5             | 6.0               | STO0550020 | 55.0             | 2.0               |
| STO0430060 | 43.0             | 6.0               | STO0487027 | 48.7             | 2.7               | STO0550040 | 55.0             | 4.0               |
| STO0432018 | 43.2             | 1.8               | STO0487050 | 48.7             | 5.0               | STO0550050 | 55.0             | 5.0               |
| STO0434053 | 43.4             | 5.3               | STO0488036 | 48.8             | 3.6               | STO0550060 | 55.0             | 6.0               |
| STO0435035 | 43.5             | 3.5               | STO0490025 | 49.0             | 2.5               | STO0550100 | 55.0             | 10.0              |
| STO0437036 | 43.7             | 3.6               | STO0490026 | 49.0             | 2.6               | STO0550110 | 55.0             | 11.0              |
| STO0438035 | 43.8             | 3.5               | STO0490027 | 49.0             | 2.7               | STO0554026 | 55.4             | 2.6               |
| STO0440020 | 44.0             | 2.0               | STO0490029 | 49.0             | 2.9               | STO0555035 | 55.5             | 3.5               |
| STO0440025 | 44.0             | 2.5               | STO0490030 | 49.0             | 3.0               | STO0556035 | 55.6             | 3.5               |
| STO0440026 | 44.0             | 2.6               | STO0490100 | 49.0             | 10.0              | STO0560020 | 56.0             | 2.0               |
| STO0440030 | 44.0             | 3.0               | STO0492035 | 49.2             | 3.5               | STO0560025 | 56.0             | 2.5               |
| STO0440040 | 44.0             | 4.0               | STO0492057 | 49.2             | 5.7               | STO0560030 | 56.0             | 3.0               |
| STO0440050 | 44.0             | 5.0               | STO0495100 | 49.5             | 10.0              | STO0560040 | 56.0             | 4.0               |
| STO0440070 | 44.0             | 7.0               | STO0496064 | 49.6             | 6.4               | STO0560090 | 56.0             | 9.0               |
| STO0444040 | 44.4             | 4.0               | STO0497040 | 49.7             | 4.0               | STO0561053 | 56.1             | 5.3               |
| STO0445035 | 44.5             | 3.5               | STO0497053 | 49.7             | 5.3               | STO0561055 | 56.1             | 5.5               |
| STO0450020 | 45.0             | 2.0               | STO0500025 | 50.0             | 2.5               | STO0562025 | 56.2             | 2.5               |
| STO0450026 | 45.0             | 2.6               | STO0500027 | 50.0             | 2.7               | STO0568018 | 56.8             | 1.8               |
| STO0450030 | 45.0             | 3.0               | STO0500030 | 50.0             | 3.0               | STO0568035 | 56.8             | 3.5               |
| STO0450035 | 45.0             | 3.5               | STO0500040 | 50.0             | 4.0               | STO0570025 | 57.0             | 2.5               |
| STO0450036 | 45.0             | 3.6               | STO0500042 | 50.0             | 4.2               | STO0570040 | 57.0             | 4.0               |
| STO0450040 | 45.0             | 4.0               | STO0500050 | 50.0             | 5.0               | STO0570050 | 57.0             | 5.0               |
| STO0450044 | 45.0             | 4.4               | STO0500055 | 50.0             | 5.5               | STO0570070 | 57.0             | 7.0               |
| STO0450060 | 45.0             | 6.0               | STO0500080 | 50.0             | 8.0               | STO0575035 | 57.5             | 3.5               |
| STO0452018 | 45.2             | 1.8               | STO0500160 | 50.0             | 16.0              | STO0577040 | 57.7             | 4.0               |
| STO0457026 | 45.7             | 2.6               | STO0504035 | 50.4             | 3.5               | STO0580020 | 58.0             | 2.0               |
| STO0460018 | 46.0             | 1.8               | STO0506018 | 50.6             | 1.8               | STO0580026 | 58.0             | 2.6               |
| STO0460020 | 46.0             | 2.0               | STO0507026 | 50.7             | 2.6               | STO0580040 | 58.0             | 4.0               |
| STO0460030 | 46.0             | 3.0               | STO0510035 | 51.0             | 3.5               | STO0580060 | 58.0             | 6.0               |
| STO0460040 | 46.0             | 4.0               | STO0510040 | 51.0             | 4.0               | STO0585015 | 58.5             | 1.5               |
| STO0461035 | 46.1             | 3.5               | STO0520020 | 52.0             | 2.0               | STO0585029 | 58.5             | 2.9               |
| STO0465055 | 46.5             | 5.5               | STO0520030 | 52.0             | 3.0               | STO0586023 | 58.6             | 2.3               |

# TÓRICAS



## Medidas:

$D_{int}$  ..... diámetro interior  
 $D_{toro}$  ..... diámetro del toro  
 $D_{ext} = D_{int} + D_{toro} + D_{toro}$

| Referencia | $D_{int}$ | $D_{toro}$ | Referencia | $D_{int}$ | $D_{toro}$ | Referencia | $D_{int}$ | $D_{toro}$ |
|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| STO0586026 | 58.6      | 2.6        | STO0650015 | 65.0      | 1.5        | STO0707059 | 70.7      | 5.9        |
| STO0588035 | 58.8      | 3.5        | STO0650030 | 65.0      | 3.0        | STO0715035 | 71.5      | 3.5        |
| STO0588036 | 58.8      | 3.6        | STO0650035 | 65.0      | 3.5        | STO0719025 | 71.9      | 2.5        |
| STO0590035 | 59.0      | 3.5        | STO0650050 | 65.0      | 5.0        | STO0719053 | 71.9      | 5.3        |
| STO0590050 | 59.0      | 5.0        | STO0650070 | 65.0      | 7.0        | STO0720030 | 72.0      | 3.0        |
| STO0592053 | 59.2      | 5.3        | STO0650090 | 65.0      | 9.0        | STO0720150 | 72.0      | 15.0       |
| STO0597026 | 59.7      | 2.6        | STO0650120 | 65.0      | 12.0       | STO0727018 | 72.7      | 1.8        |
| STO0597053 | 59.7      | 5.3        | STO0655100 | 65.5      | 10.0       | STO0727036 | 72.7      | 3.6        |
| STO0600020 | 60.0      | 2.0        | STO0656053 | 65.6      | 5.3        | STO0730035 | 73.0      | 3.5        |
| STO0600025 | 60.0      | 2.5        | STO0660018 | 66.0      | 1.8        | STO0731055 | 73.1      | 5.5        |
| STO0600030 | 60.0      | 3.0        | STO0660020 | 66.0      | 2.0        | STO0740027 | 74.0      | 2.7        |
| STO0600040 | 60.0      | 4.0        | STO0660035 | 66.0      | 3.5        | STO0740036 | 74.0      | 3.6        |
| STO0600050 | 60.0      | 5.0        | STO0660040 | 66.0      | 4.0        | STO0740060 | 74.0      | 6.0        |
| STO0600070 | 60.0      | 7.0        | STO0660045 | 66.0      | 4.5        | STO0740100 | 74.0      | 10.0       |
| STO0600080 | 60.0      | 8.0        | STO0660050 | 66.0      | 5.0        | STO0745030 | 74.5      | 3.0        |
| STO0600095 | 60.0      | 9.5        | STO0660060 | 66.0      | 6.0        | STO0745034 | 74.5      | 3.4        |
| STO0603035 | 60.3      | 3.5        | STO0660070 | 66.0      | 7.0        | STO0747053 | 74.7      | 5.3        |
| STO0605070 | 60.5      | 7.0        | STO0664026 | 66.4      | 2.6        | STO0750030 | 75.0      | 3.0        |
| STO0607045 | 60.7      | 4.5        | STO0665080 | 66.5      | 8.0        | STO0750035 | 75.0      | 3.5        |
| STO0610026 | 61.0      | 2.6        | STO0670020 | 67.0      | 2.0        | STO0750045 | 75.0      | 4.5        |
| STO0610035 | 61.0      | 3.5        | STO0670025 | 67.0      | 2.5        | STO0750050 | 75.0      | 5.0        |
| STO0610040 | 61.0      | 4.0        | STO0670030 | 67.0      | 3.0        | STO0750080 | 75.0      | 8.0        |
| STO0615075 | 61.5      | 7.5        | STO0675027 | 67.5      | 2.7        | STO0752036 | 75.2      | 3.6        |
| STO0620017 | 62.0      | 1.7        | STO0680015 | 68.0      | 1.5        | STO0752053 | 75.2      | 5.3        |
| STO0620020 | 62.0      | 2.0        | STO0680030 | 68.0      | 3.0        | STO0758035 | 75.8      | 3.5        |
| STO0620030 | 62.0      | 3.0        | STO0680036 | 68.0      | 3.6        | STO0758068 | 75.8      | 6.8        |
| STO0620040 | 62.0      | 4.0        | STO0680070 | 68.0      | 7.0        | STO0760040 | 76.0      | 4.0        |
| STO0620050 | 62.0      | 5.0        | STO0684027 | 68.4      | 2.7        | STO0760045 | 76.0      | 4.5        |
| STO0622046 | 62.2      | 4.6        | STO0687053 | 68.7      | 5.3        | STO0760070 | 76.0      | 7.0        |
| STO0624053 | 62.4      | 5.3        | STO0690060 | 69.0      | 6.0        | STO0765019 | 76.5      | 1.9        |
| STO0630110 | 63.0      | 11.0       | STO0692035 | 69.2      | 3.5        | STO0767020 | 76.7      | 2.0        |
| STO0632026 | 63.2      | 2.6        | STO0692057 | 69.2      | 5.7        | STO0780030 | 78.0      | 3.0        |
| STO0633017 | 63.3      | 1.7        | STO0694030 | 69.4      | 3.0        | STO0780036 | 78.0      | 3.6        |
| STO0635035 | 63.5      | 3.5        | STO0695035 | 69.5      | 3.5        | STO0780230 | 78.0      | 23.0       |
| STO0640030 | 64.0      | 3.0        | STO0696036 | 69.6      | 3.6        | STO0782050 | 78.2      | 5.0        |
| STO0640035 | 64.0      | 3.5        | STO0696053 | 69.6      | 5.3        | STO0784053 | 78.4      | 5.3        |
| STO0642060 | 64.2      | 6.0        | STO0700020 | 70.0      | 2.0        | STO0785036 | 78.5      | 3.6        |
| STO0645026 | 64.5      | 2.6        | STO0700030 | 70.0      | 3.0        | STO0790060 | 79.0      | 6.0        |
| STO0646053 | 64.6      | 5.3        | STO0700040 | 70.0      | 4.0        | STO0793032 | 79.3      | 3.2        |
| STO0647090 | 64.7      | 9.0        | STO0700070 | 70.0      | 7.0        | STO0793048 | 79.3      | 4.8        |
| STO0648027 | 64.8      | 2.7        | STO0705025 | 70.5      | 2.5        | STO0793057 | 79.3      | 5.7        |
| STO0649027 | 64.9      | 2.7        | STO0706026 | 70.6      | 2.6        | STO0796104 | 79.6      | 10.4       |

| Referencia  | D <sub>int</sub> | D <sub>toro</sub> | Referencia | D <sub>int</sub> | D <sub>toro</sub> | Referencia | D <sub>int</sub> | D <sub>toro</sub> |
|-------------|------------------|-------------------|------------|------------------|-------------------|------------|------------------|-------------------|
| STO0798053  | 79.8             | 5.3               | STO0883070 | 88.3             | 7.0               | STO1048047 | 104.8            | 4.7               |
| STO0800020  | 80.0             | 2.0               | STO0885035 | 88.5             | 3.5               | STO1050030 | 105.0            | 3.0               |
| STO0800030  | 80.0             | 3.0               | STO0890025 | 89.0             | 2.5               | STO1050040 | 105.0            | 4.0               |
| STO0800040  | 80.0             | 4.0               | STO0892057 | 89.2             | 5.7               | STO1050060 | 105.0            | 6.0               |
| STO0800050  | 80.0             | 5.0               | STO0897053 | 89.7             | 5.3               | STO1050070 | 105.0            | 7.0               |
| STO0800055  | 80.0             | 5.5               | STO0900020 | 90.0             | 2.0               | STO1050100 | 105.0            | 10.0              |
| STO0800070  | 80.0             | 7.0               | STO0900030 | 90.0             | 3.0               | STO1050125 | 105.0            | 12.5              |
| STO0805015  | 80.5             | 1.5               | STO0900035 | 90.0             | 3.5               | STO1060020 | 106.0            | 2.0               |
| STO0805030  | 80.5             | 3.0               | STO0900050 | 90.0             | 5.0               | STO1063080 | 106.3            | 8.0               |
| STO0810025  | 81.0             | 2.5               | STO0900070 | 90.0             | 7.0               | STO1068035 | 106.8            | 3.5               |
| STO0810050  | 81.0             | 5.0               | STO0900100 | 90.0             | 10.0              | STO1069053 | 106.9            | 5.3               |
| STO0810080  | 81.0             | 8.0               | STO0910030 | 91.0             | 3.0               | STO1070050 | 107.0            | 5.0               |
| STO0810100  | 81.0             | 10.0              | STO0910035 | 91.0             | 3.5               | STO1073070 | 107.3            | 7.0               |
| STO0814053  | 81.4             | 5.3               | STO0910053 | 91.0             | 5.3               | STO1075030 | 107.5            | 3.0               |
| STO0815025  | 81.5             | 2.5               | STO0914053 | 91.4             | 5.3               | STO1080045 | 108.0            | 4.5               |
| STO0819070  | 81.9             | 7.0               | STO0920030 | 92.0             | 3.0               | STO1080057 | 108.0            | 5.7               |
| STO0820030  | 82.0             | 3.0               | STO0920040 | 92.0             | 4.0               | STO1080060 | 108.0            | 6.0               |
| STO0822035  | 82.2             | 3.5               | STO0930020 | 93.0             | 2.0               | STO1080080 | 108.0            | 8.0               |
| STO0825018  | 82.5             | 1.8               | STO0930035 | 93.0             | 3.5               | STO1080100 | 108.0            | 10.0              |
| STO0830030  | 83.0             | 3.0               | STO0940022 | 94.0             | 2.2               | STO1092057 | 109.2            | 5.7               |
| STO0830035  | 83.0             | 3.5               | STO0942053 | 94.2             | 5.3               | STO1095053 | 109.5            | 5.3               |
| STO0830050  | 83.0             | 5.0               | STO0946070 | 94.6             | 7.0               | STO1100025 | 110.0            | 2.5               |
| STO0838045  | 83.8             | 4.5               | STO0949026 | 94.9             | 2.6               | STO1100032 | 110.0            | 3.2               |
| STO0840030  | 84.0             | 3.0               | STO0949035 | 94.9             | 3.5               | STO1100035 | 110.0            | 3.5               |
| STO0840050  | 84.0             | 5.0               | STO0950027 | 95.0             | 2.7               | STO1100040 | 110.0            | 4.0               |
| STO0842057  | 84.2             | 5.7               | STO0950070 | 95.0             | 7.0               | STO1100050 | 110.0            | 5.0               |
| STO0847053  | 84.7             | 5.3               | STO0952040 | 95.2             | 4.0               | STO1100053 | 110.0            | 5.3               |
| STO0850030  | 85.0             | 3.0               | STO0960015 | 96.0             | 1.5               | STO1100125 | 110.0            | 12.5              |
| STO0850035  | 85.0             | 3.5               | STO0960025 | 96.0             | 2.5               | STO1110035 | 111.0            | 3.5               |
| STO0850050  | 85.0             | 5.0               | STO0960040 | 96.0             | 4.0               | STO1115075 | 111.5            | 7.5               |
| STO0850053  | 85.0             | 5.3               | STO0960100 | 96.0             | 10.0              | STO1120030 | 112.0            | 3.0               |
| STO0850060  | 85.0             | 6.0               | STO0960130 | 96.0             | 13.0              | STO1130028 | 113.0            | 2.8               |
| STO0854035  | 85.4             | 3.5               | STO0974053 | 97.4             | 5.3               | STO1130035 | 113.0            | 3.5               |
| STO0855100  | 85.5             | 10.0              | STO0980120 | 98.0             | 12.0              | STO1130070 | 113.0            | 7.0               |
| STO0857048  | 85.7             | 4.8               | STO0990040 | 99.0             | 4.0               | STO1132053 | 113.2            | 5.3               |
| STO0860025  | 86.0             | 2.5               | STO0990057 | 99.0             | 5.7               | STO1133072 | 113.3            | 7.2               |
| STO0860032- | 86.0             | 3.2               | STO1000025 | 100.0            | 2.5               | STO1138036 | 113.8            | 3.6               |
| STO0860041  | 86.0             | 4.1               | STO1000030 | 100.0            | 3.0               | STO1140020 | 114.0            | 2.0               |
| STO0860045  | 86.0             | 4.5               | STO1000035 | 100.0            | 3.5               | STO1140031 | 114.0            | 3.1               |
| STO0860050  | 86.0             | 5.0               | STO1000060 | 100.0            | 6.0               | STO1140035 | 114.0            | 3.5               |
| STO0860060  | 86.0             | 6.0               | STO1000100 | 100.0            | 10.0              | STO1142057 | 114.2            | 5.7               |
| STO0860070  | 86.0             | 7.0               | STO1005053 | 100.5            | 5.3               | STO1143026 | 114.3            | 2.6               |
| STO0865100  | 86.5             | 10.0              | STO1009070 | 100.9            | 7.0               | STO1150035 | 115.0            | 3.5               |
| STO0870030  | 87.0             | 3.0               | STO1010050 | 101.0            | 5.0               | STO1150045 | 115.0            | 4.5               |
| STO0870200  | 87.0             | 20.0              | STO1012018 | 101.2            | 1.8               | STO1150055 | 115.0            | 5.5               |
| STO0875023  | 87.5             | 2.3               | STO1020053 | 102.0            | 5.3               | STO1158054 | 115.8            | 5.4               |
| STO0875030  | 87.5             | 3.0               | STO1030060 | 103.0            | 6.0               | STO1160042 | 116.0            | 4.2               |
| STO0878035  | 87.8             | 3.5               | STO1037053 | 103.7            | 5.3               | STO1162070 | 116.2            | 7.0               |
| STO0879053  | 87.9             | 5.3               | STO1040035 | 104.0            | 3.5               | STO1171035 | 117.1            | 3.5               |
| STO0880040  | 88.0             | 4.0               | STO1040040 | 104.0            | 4.0               | STO1180020 | 118.0            | 2.0               |
| STO0880050  | 88.0             | 5.0               | STO1043100 | 104.3            | 10.0              | STO1180035 | 118.0            | 3.5               |

# TÓRICAS



## Medidas:

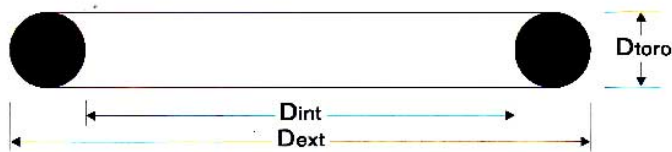
$D_{int}$  ..... diámetro interior  
 $D_{toro}$  ..... diámetro del toro  
 $D_{ext} = D_{int} + D_{toro} + D_{toro}$

| Referencia | $D_{int}$ | $D_{toro}$ | Referencia | $D_{int}$ | $D_{toro}$ | Referencia | $D_{int}$ | $D_{toro}$ |
|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| STO1190065 | 119.0     | 6.5        | STO1330053 | 133.0     | 5.3        | STO1518070 | 151.8     | 7.0        |
| STO1192057 | 119.2     | 5.7        | STO1340055 | 134.0     | 5.5        | STO1520035 | 152.0     | 3.5        |
| STO1195070 | 119.5     | 7.0        | STO1348053 | 134.8     | 3.3        | STO1520040 | 152.0     | 4.0        |
| STO1196053 | 119.6     | 5.3        | STO1350025 | 135.0     | 2.5        | STO1524064 | 152.4     | 6.4        |
| STO1200035 | 120.0     | 3.5        | STO1352070 | 135.2     | 7.0        | STO1540030 | 154.0     | 3.0        |
| STO1200040 | 120.0     | 4.0        | STO1360035 | 136.0     | 3.5        | STO1543040 | 154.3     | 4.0        |
| STO1200045 | 120.0     | 4.5        | STO1360055 | 136.0     | 5.5        | STO1550030 | 155.0     | 3.0        |
| STO1200050 | 120.0     | 5.0        | STO1360070 | 136.0     | 7.0        | STO1550070 | 155.0     | 7.0        |
| STO1200080 | 120.0     | 8.0        | STO1365022 | 136.5     | 2.2        | STO1570035 | 157.0     | 3.5        |
| STO1203026 | 120.3     | 2.6        | STO1368053 | 136.8     | 5.3        | STO1580040 | 158.0     | 4.0        |
| STO1207035 | 120.7     | 3.5        | STO1380100 | 138.0     | 10.0       | STO1580070 | 158.0     | 7.0        |
| STO1210030 | 121.0     | 3.0        | STO1382030 | 138.2     | 3.0        | STO1580100 | 158.0     | 10.0       |
| STO1210053 | 121.0     | 5.3        | STO1385070 | 138.5     | 7.0        | STO1584035 | 158.4     | 3.5        |
| STO1220040 | 122.0     | 4.0        | STO1390100 | 139.0     | 10.0       | STO1600030 | 160.0     | 3.0        |
| STO1220100 | 122.0     | 10.0       | STO1398053 | 139.8     | 5.3        | STO1600050 | 160.0     | 5.0        |
| STO1220150 | 122.0     | 15.0       | STO1400023 | 140.0     | 2.3        | STO1613070 | 161.3     | 7.0        |
| STO1225070 | 122.5     | 7.0        | STO1400030 | 140.0     | 3.0        | STO1614029 | 161.4     | 2.9        |
| STO1234035 | 123.4     | 3.5        | STO1400040 | 140.0     | 4.0        | STO1620040 | 162.0     | 4.0        |
| STO1240030 | 124.0     | 3.0        | STO1400080 | 140.0     | 8.0        | STO1630040 | 163.0     | 4.0        |
| STO1243057 | 124.3     | 5.7        | STO1410020 | 141.0     | 2.0        | STO1640036 | 164.0     | 3.6        |
| STO1250030 | 125.0     | 3.0        | STO1416070 | 141.6     | 7.0        | STO1644070 | 164.4     | 7.0        |
| STO1250040 | 125.0     | 4.0        | STO1425035 | 142.5     | 3.5        | STO1650025 | 165.0     | 2.5        |
| STO1250066 | 125.0     | 6.6        | STO1440030 | 144.0     | 3.0        | STO1650033 | 165.0     | 3.3        |
| STO1258070 | 125.8     | 7.0        | STO1440045 | 144.0     | 4.5        | STO1650035 | 165.0     | 3.5        |
| STO1260030 | 126.0     | 3.0        | STO1448070 | 144.8     | 7.0        | STO1650050 | 165.0     | 5.0        |
| STO1260040 | 126.0     | 4.0        | STO1450020 | 145.0     | 2.0        | STO1650080 | 165.0     | 8.0        |
| STO1260045 | 126.0     | 4.5        | STO1450050 | 145.0     | 5.0        | STO1680050 | 168.0     | 5.0        |
| STO1266035 | 126.6     | 3.5        | STO1456035 | 145.6     | 3.5        | STO1685025 | 168.5     | 2.5        |
| STO1270020 | 127.0     | 2.0        | STO1460019 | 146.0     | 1.9        | STO1700020 | 170.0     | 2.0        |
| STO1280030 | 128.0     | 3.0        | STO1460030 | 146.0     | 3.0        | STO1700030 | 170.0     | 3.0        |
| STO1290025 | 129.0     | 2.5        | STO1461053 | 146.1     | 5.3        | STO1700040 | 170.0     | 4.0        |
| STO1290070 | 129.0     | 7.0        | STO1470045 | 147.0     | 4.5        | STO1700050 | 170.0     | 5.0        |
| STO1300030 | 130.0     | 3.0        | STO1477040 | 147.7     | 4.0        | STO1700100 | 170.0     | 10.0       |
| STO1300035 | 130.0     | 3.5        | STO1480070 | 148.0     | 7.0        | STO1708070 | 170.8     | 7.0        |
| STO1300040 | 130.0     | 4.0        | STO1481053 | 148.1     | 5.3        | STO1710020 | 171.0     | 2.0        |
| STO1300120 | 130.0     | 12.0       | STO1494058 | 149.4     | 5.8        | STO1711035 | 171.1     | 3.5        |
| STO1310054 | 131.0     | 5.4        | STO1500029 | 150.0     | 2.9        | STO1720030 | 172.0     | 3.0        |
| STO1320030 | 132.0     | 3.0        | STO1500030 | 150.0     | 3.0        | STO1740040 | 174.0     | 4.0        |
| STO1320050 | 132.0     | 5.0        | STO1500040 | 150.0     | 4.0        | STO1746070 | 174.6     | 7.0        |
| STO1320070 | 132.0     | 7.0        | STO1500050 | 150.0     | 5.0        | STO1750025 | 175.0     | 2.5        |
| STO1330040 | 133.0     | 4.0        | STO1502035 | 150.2     | 3.5        | STO1750084 | 175.0     | 8.4        |
| STO1330050 | 133.0     | 5.0        | STO1510070 | 151.1     | 7.0        | STO1760100 | 176.0     | 10.0       |



| Referencia | D <sub>int</sub> | D <sub>toro</sub> | Referencia | D <sub>int</sub> | D <sub>toro</sub> | Referencia | D <sub>int</sub> | D <sub>toro</sub> |
|------------|------------------|-------------------|------------|------------------|-------------------|------------|------------------|-------------------|
| STO1768224 | 176.8            | 22.4              | STO2090080 | 209.0            | 8.0               | STO2604063 | 260.4            | 6.3               |
| STO1772070 | 177.2            | 7.0               | STO2100100 | 210.0            | 10.0              | STO2605040 | 260.5            | 4.0               |
| STO1774035 | 177.4            | 3.5               | STO2136070 | 213.6            | 7.0               | STO2610070 | 261.0            | 7.0               |
| STO1780050 | 178.0            | 5.0               | STO2150073 | 215.0            | 7.3               | STO2650050 | 265.0            | 5.0               |
| STO1800018 | 180.0            | 1.8               | STO2152070 | 215.2            | 7.0               | STO2650080 | 265.0            | 8.0               |
| STO1800025 | 180.0            | 2.5               | STO2153025 | 215.3            | 2.5               | STO2654040 | 265.4            | 4.0               |
| STO1800040 | 180.0            | 4.0               | STO2160065 | 216.0            | 6.5               | STO2660070 | 266.0            | 7.0               |
| STO1800050 | 180.0            | 5.0               | STO2180058 | 218.0            | 5.8               | STO2695030 | 269.5            | 3.0               |
| STO1800075 | 180.0            | 7.5               | STO2185045 | 218.5            | 4.5               | STO2700020 | 270.0            | 2.0               |
| STO1800085 | 180.0            | 8.5               | STO2200040 | 220.0            | 4.0               | STO2700040 | 270.0            | 4.0               |
| STO1800100 | 180.0            | 10.0              | STO2200080 | 220.0            | 8.0               | STO2700046 | 270.0            | 4.6               |
| STO1810070 | 181.0            | 7.0               | STO2200084 | 220.0            | 8.4               | STO2700060 | 270.0            | 6.0               |
| STO1835070 | 183.5            | 7.0               | STO2200100 | 220.0            | 10.0              | STO2720040 | 272.0            | 4.0               |
| STO1840030 | 184.0            | 3.0               | STO2210050 | 221.0            | 5.0               | STO2720060 | 272.0            | 6.0               |
| STO1840045 | 184.0            | 4.5               | STO2240063 | 224.0            | 6.3               | STO2720070 | 272.0            | 7.0               |
| STO1840080 | 184.0            | 8.0               | STO2262069 | 226.2            | 6.9               | STO2740065 | 274.0            | 6.5               |
| STO1842063 | 184.2            | 6.3               | STO2270065 | 227.0            | 6.5               | STO2745030 | 274.5            | 3.0               |
| STO1845030 | 184.5            | 3.0               | STO2279070 | 227.9            | 7.0               | STO2750042 | 275.0            | 4.2               |
| STO1850050 | 185.0            | 5.0               | STO2280030 | 228.0            | 3.0               | STO2780050 | 278.0            | 5.0               |
| STO1870065 | 187.0            | 6.5               | STO2290030 | 229.0            | 3.0               | STO2787070 | 278.7            | 7.0               |
| STO1870070 | 187.0            | 7.0               | STO2300050 | 230.0            | 5.0               | STO2800060 | 280.0            | 6.0               |
| STO1872024 | 187.2            | 2.4               | STO2300080 | 230.0            | 8.0               | STO2800080 | 280.0            | 8.0               |
| STO1873125 | 187.3            | 12.5              | STO2300100 | 230.0            | 10.0              | STO2850032 | 285.0            | 3.2               |
| STO1880060 | 188.0            | 6.0               | STO2320035 | 232.0            | 3.5               | STO2850040 | 285.0            | 4.0               |
| STO1898070 | 189.8            | 7.0               | STO2340033 | 234.0            | 3.3               | STO2850060 | 285.0            | 6.0               |
| STO1899070 | 189.9            | 7.0               | STO2340040 | 234.0            | 4.0               | STO2880040 | 288.0            | 4.0               |
| STO1900040 | 190.0            | 4.0               | STO2343070 | 234.3            | 7.0               | STO2900060 | 290.0            | 6.0               |
| STO1900050 | 190.0            | 5.0               | STO2345035 | 234.5            | 3.5               | STO2900080 | 290.0            | 8.0               |
| STO1900060 | 190.0            | 6.0               | STO2350080 | 235.0            | 8.0               | STO2900084 | 290.0            | 8.4               |
| STO1905035 | 190.5            | 3.5               | STO2360075 | 236.0            | 7.5               | STO2914070 | 291.4            | 7.0               |
| STO1920070 | 192.0            | 7.0               | STO2380050 | 238.0            | 5.0               | STO2970040 | 297.0            | 4.0               |
| STO1930050 | 193.0            | 5.0               | STO2400040 | 240.0            | 4.0               | STO2990070 | 299.0            | 7.0               |
| STO1930100 | 193.0            | 10.0              | STO2450050 | 245.0            | 5.0               | STO2995060 | 299.5            | 6.0               |
| STO1950040 | 195.0            | 4.0               | STO2450060 | 245.0            | 6.0               | STO3000050 | 300.0            | 5.0               |
| STO1950050 | 195.0            | 5.0               | STO2466070 | 246.6            | 7.0               | STO3041070 | 304.1            | 7.0               |
| STO1958036 | 195.8            | 3.6               | STO2468070 | 246.8            | 7.0               | STO3085057 | 308.5            | 5.7               |
| STO1960020 | 196.0            | 2.0               | STO2472035 | 247.2            | 3.5               | STO3090080 | 309.0            | 8.0               |
| STO1961070 | 196.1            | 7.0               | STO2472053 | 247.2            | 5.3               | STO3100080 | 310.0            | 8.0               |
| STO1990070 | 199.0            | 7.0               | STO2480110 | 248.0            | 11.0              | STO3110050 | 311.0            | 5.0               |
| STO2000030 | 200.0            | 3.0               | STO2490070 | 249.0            | 7.0               | STO3150084 | 315.0            | 8.4               |
| STO2000050 | 200.0            | 5.0               | STO2493057 | 249.3            | 5.7               | STO3168070 | 316.8            | 7.0               |
| STO2000115 | 200.0            | 11.5              | STO2495030 | 249.5            | 3.0               | STO3180080 | 318.0            | 8.0               |
| STO2025070 | 202.5            | 7.0               | STO2495040 | 249.5            | 4.0               | STO3200080 | 320.0            | 8.0               |
| STO2033075 | 203.3            | 7.5               | STO2500030 | 250.0            | 3.0               | STO3220090 | 322.0            | 9.0               |
| STO2050040 | 205.0            | 4.0               | STO2500050 | 250.0            | 5.0               | STO3270025 | 327.0            | 2.5               |
| STO2050050 | 205.0            | 5.0               | STO2500060 | 250.0            | 6.0               | STO3295070 | 329.5            | 7.0               |
| STO2050080 | 205.0            | 8.0               | STO2500080 | 250.0            | 8.0               | STO3300090 | 330.0            | 9.0               |
| STO2060070 | 206.0            | 7.0               | STO2525040 | 252.5            | 4.0               | STO3370035 | 337.0            | 3.5               |
| STO2070030 | 207.0            | 3.0               | STO2533070 | 253.3            | 7.0               | STO3370050 | 337.0            | 5.0               |
| STO2080020 | 208.0            | 2.0               | STO2550084 | 255.0            | 8.4               | STO3380060 | 338.0            | 6.0               |
| STO2089070 | 208.9            | 7.0               | STO2600060 | 260.0            | 6.0               | STO3400070 | 340.0            | 7.0               |

# TÓRICAS



## Medidas:

$D_{int}$  ..... diámetro interior  
 $D_{toro}$  ..... diámetro del toro  
 $D_{ext} = D_{int} + D_{toro} + D_{toro}$

| Referencia | $D_{int}$ | $D_{toro}$ | Referencia | $D_{int}$ | $D_{toro}$ | Referencia | $D_{int}$ | $D_{toro}$ |
|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| STO3400084 | 340.0     | 8.4        | STO3930065 | 393.0     | 6.5        | STO4870130 | 487.0     | 13.0       |
| STO3400100 | 340.0     | 10.0       | STO3930065 | 393.0     | 6.5        | STO4990070 | 499.0     | 7.0        |
| STO3420050 | 342.0     | 5.0        | STO3990070 | 399.0     | 7.0        | STO5120075 | 512.0     | 7.5        |
| STO3422070 | 342.2     | 7.0        | STO4000080 | 400.0     | 8.0        | STO5150120 | 515.0     | 12.0       |
| STO3440080 | 344.0     | 8.0        | STO4053053 | 405.3     | 5.3        | STO5250120 | 525.0     | 12.0       |
| STO3490070 | 349.0     | 7.0        | STO4120140 | 412.0     | 14.0       | STO5260030 | 526.0     | 3.0        |
| STO3500020 | 350.0     | 2.0        | STO4150120 | 415.0     | 12.0       | STO5350080 | 535.0     | 8.0        |
| STO3500080 | 350.0     | 8.0        | STO4200080 | 420.0     | 8.0        | STO5640070 | 564.0     | 7.0        |
| STO3540035 | 354.0     | 3.5        | STO4250050 | 425.0     | 5.0        | STO5700070 | 570.0     | 7.0        |
| STO3549070 | 354.9     | 7.0        | STO4250060 | 425.0     | 6.0        | STO5940070 | 594.0     | 7.0        |
| STO3580060 | 358.0     | 6.0        | STO4280050 | 428.0     | 5.0        | STO5990070 | 599.0     | 7.0        |
| STO3590080 | 359.0     | 8.0        | STO4310070 | 431.0     | 7.0        | STO6205080 | 620.5     | 8.0        |
| STO3600084 | 360.0     | 8.4        | STO4330170 | 433.0     | 17.0       | STO7070045 | 707.0     | 4.5        |
| STO3600100 | 360.0     | 10.0       | STO4365070 | 436.5     | 7.0        | STO7090070 | 709.0     | 7.0        |
| STO3650080 | 365.0     | 8.0        | STO4380070 | 438.0     | 7.0        | STO7310110 | 731.0     | 11.0       |
| STO3676070 | 367.6     | 7.0        | STO4410080 | 441.0     | 8.0        | STO7990070 | 799.0     | 7.0        |
| STO3700040 | 370.0     | 4.0        | STO4430040 | 443.0     | 4.0        |            |           |            |
| STO3750150 | 375.0     | 15.0       | STO4550010 | 455.0     | 10.0       |            |           |            |
| STO3770130 | 377.0     | 13.0       | STO4580160 | 458.0     | 16.0       |            |           |            |
| STO3800100 | 380.0     | 10.0       | STO4649035 | 464.9     | 3.5        |            |           |            |
| STO3803070 | 380.3     | 7.0        | STO4700100 | 470.0     | 10.0       |            |           |            |
| STO3870050 | 387.0     | 5.0        | STO4730080 | 473.0     | 8.0        |            |           |            |
| STO3900025 | 390.0     | 2.5        | STO4800100 | 480.0     | 10.0       |            |           |            |
| STO3900030 | 390.0     | 3.0        | STO4840120 | 484.0     | 12.0       |            |           |            |
| STO3910090 | 391.0     | 9.0        | STO4860040 | 486.0     | 4.0        |            |           |            |