



CATÁLOGO DE RETENTORES

ref. 2021



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Empresa



Fundada em 1979, a AGEL Anéis Gaxetas Equipamentos Ltda. é uma das principais empresas brasileiras no segmento de vedações hidráulicas que atua na fabricação de anéis “o-ring”, gaxetas, retentores, kits e reparos.

A AGEL tem um compromisso único com a qualidade que começa com uma rigorosa seleção de matérias-primas para garantir produtos do mais alto padrão, atendendo à certificação ISO 9001.

Com dois parques fabris de mais de 13.000 e 7.000 mil metros quadrados de área construída, ambas respectivamente localizadas em um grande polo logístico: Barueri, na grande São Paulo.

São mais de 500 colaboradores treinados e capacitados que atuam para atender as demandas de uma clientela cada vez mais exigente para produzir, além de equipamentos e componentes de vedação, os retentores da marca APC – A Marca da Qualidade que vem se destacando junto aos seus clientes, no mercado interno e no exterior.

Produzidos exclusivamente em nosso parque industrial da linha de retentores com tecnologia de ponta, garantem segurança e bem estar para o usuário, variedade e qualidade de atendimento e pronta entrega para o revendedor, e praticidade para o montador.



COMO UTILIZAR ESTE CATÁLOGO

Para facilitar a consulta, os retentores começam com as ilustrações em corte e estão em ordem de diâmetro interno.

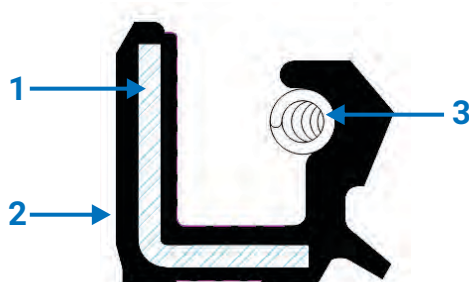
Podem ser consultados também pelo perfil de seus respectivos modelos, por meio do índice da página 3.

FUNÇÃO DO RETENTOR

O retentor tem por função primordial reter óleos, graxas ou outros fluidos que devam ser contidos no interior do sistema em condições estáticas ou dinâmicas, também tem a função de evitar a entrada de impurezas.

A vedação ocorre pelo contato permanente entre a aresta do lábio de vedação e o eixo da máquina (vedação dinâmica), no caso da vedação externa, ocorre com a interferência do diâmetro do retentor com o alojamento (vedação estática).

O retentor é uma peça que possui três partes distintas, a carcaça (responsável pela fixação no alojamento), elastômero (responsável pela vedação principal) e a mola (responsável em manter a força do lábio de vedação no eixo).



- 1 - CARCAÇA METÁLICA
- 2 - ELASTÔMERO
- 3 - MOLA



LEGENDA

| | | | |
|-------------|-----------------------|------------|---------------------|
| NBR | NITRÍLICA | ORI | ORIENTAÇÃO DO LÁBIO |
| FPM | FLUORELASTÔMERO | LI | LISO |
| MVQ | SILICONE® | H | HORÁRIO |
| ACM | POLIACRÍLICA | AH | ANTI-HORÁRIO |
| HNBR | NITRÍLICA HIDROGENADA | BI | BIDIRECIONAL |
| PU | POLIURETANO | | |
| PTFE | POLITETRAFLUORETILENO | | |

ARMAZENAMENTO, MANIPULAÇÃO E MONTAGEM

Durante o período de armazenamento, os retentores deverão ser mantidos na própria embalagem AGEL, estocados em local limpo e de forma apropriada, com temperaturas médias recomendadas entre 10° a 40°C.

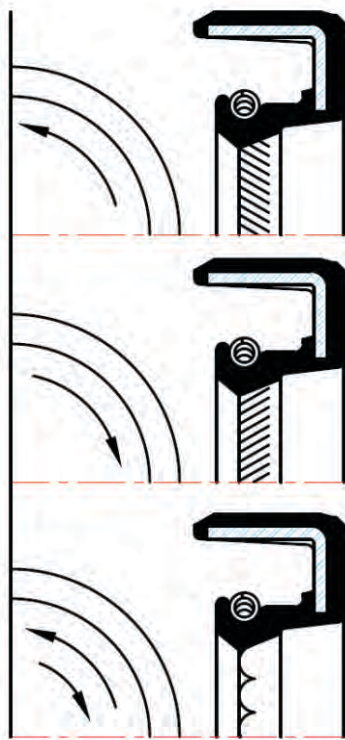
Ao ser desembalado para montagem, recomenda-se todo o cuidado possível para não tocar desnecessariamente no lábio de vedação, de modo a não deformar, danificar ou depositar elementos estranhos que possam comprometer o bom desempenho na aplicação, pois a parte mais sensível do retentor é seu lábio de vedação.

Se o retentor possuir algum tipo de luva de proteção na parte interna, esta não deverá ser retirada, pois foi desenvolvida para proteção do lábio de vedação, devendo ser retirada apenas no momento da aplicação.

Para garantir uma instalação correta do retentor, é necessário lubrificar o lábio de vedação do retentor ou eixo (recomenda-se usar o próprio fluido a ser vedado no sistema).

Todos os eixos deverão estar em boas condições, livres de riscos, amassados, cantos vivos, oxidações, entre outros.

EFEITO HIDRODINÂMICO



D.L. ESTRIAS HIDRODINÂMICAS
PARA ROTAÇÃO ANTI-HORÁRIA DO EIXO

D.R. ESTRIAS HIDRODINÂMICAS
PARA ROTAÇÃO HORÁRIA DO EIXO

D.W. ESTRIAS HIDRODINÂMICAS PARA
ROTAÇÃO HORÁRIA E ANTI-HORÁRIA DO EIXO

Este efeito promoverá o refluxo do óleo que eventualmente tenta ultrapassar a aresta de vedação, proporcionando assim ao lábio de vedação uma maior capacidade de estanqueidade e ainda uma maior durabilidade por garantir uma permanente lubrificação na área de contato entre o eixo e o lábio de vedação.

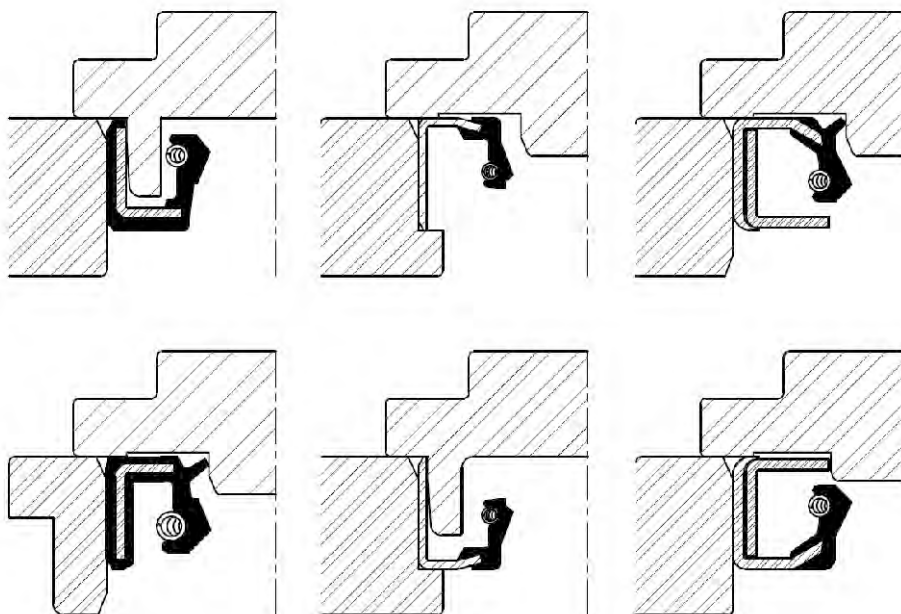
TABELA DE TOLERÂNCIA DIMENSIONAL DO RETENTOR
Adicional ao diâmetro externo para ajuste de montagem em alojamento com diâmetro de tolerância H8

| | | |
|---------------------------|-------------------------------|--|
| Conforme Norma DIN3760 | Superfície externa (diâmetro) | |
|---------------------------|-------------------------------|--|

| Diâmetro | Lisa | Ondulada | Metálica | Não-Circularidade Máxima |
|-----------------------------------|----------------|----------------|----------------|--------------------------|
| Para \varnothing até 50 | +0,30 +0,15 | +0,45 +0,25 | +0,20 +0,10 | 0,25 |
| Para $\varnothing > 50 \leq 80$ | +0,35 +0,20 | +0,45 +0,25 | +0,23 +0,13 | 0,35 |
| Para $\varnothing > 80 \leq 120$ | +0,35 +0,20 | +0,45 +0,25 | +0,25 +0,15 | 0,50 |
| Para $\varnothing > 120 \leq 180$ | +0,45 +0,25 | +0,55 +0,30 | +0,28 +0,18 | 0,65 |
| Para $\varnothing > 180 \leq 300$ | +0,45 +0,25 | +0,55 +0,30 | +0,30 +0,20 | 0,80 |
| Para $\varnothing > 300 \leq 500$ | +0,55 +0,30 | +0,60 +0,35 | +0,33 +0,23 | 1,00 |

| Altura mm | Tolerância |
|-------------|------------|
| até 15 | $\pm 0,20$ |
| acima de 15 | $\pm 0,30$ |

USO DE DISPOSITIVOS DE MONTAGENS DE RETENTORES



O dispositivo deve ter o valor do diâmetro menor, porém tão próximo quanto possível do valor do diâmetro externo do retentor.

APC

A MARCA DA QUALIDADE

Retentores produzidos e certificados com a qualidade **ISO 9001** no desenvolvimento e produção e compostos elastômericos.

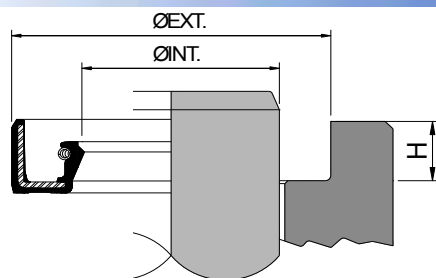
O catálogo foi desenvolvido com estrutura para atender de maneira prática a consulta de nossos retentores.

Ele está dividido por medidas de aplicações, referência de mercado e referência AGEL. Tudo isso visando atualizar e facilitar a pesquisa de nossos clientes.

Em caso de dúvidas quanto à leitura e aplicação do elastômero a ser utilizado, consulte nosso departamento técnico de engenharia.



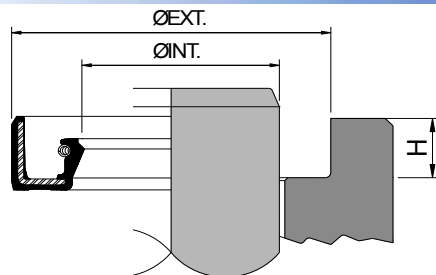
RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO E LÁBIO DE VEDAÇÃO COM MOLLA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|-------|----------|-----|-------|---------|--------|--------|-------|----------|-----|-------|
| TCS0163 | 5,00 | 19,00 | 5,00 | NBR | LI | --- | 9965 | 15,90 | 25,40 | 4,50 | NBR | LI | 00286 |
| TCS0174 | 8,00 | 22,00 | 7,00 | NBR | LI | --- | TCS0243 | 16,00 | 24,00 | 4,00 | NBR | LI | --- |
| TCS0176 | 8,00 | 22,00 | 7,00 | HNBR | LI | --- | 9137 | 16,00 | 24,00 | 6,00 | NBR | LI | --- |
| TCS0175 | 8,00 | 22,00 | 7,00 | FPM | LI | --- | 9003 | 16,00 | 28,00 | 5,50 | NBR | LI | --- |
| TCS0177 | 8,00 | 24,00 | 7,00 | NBR | LI | --- | AG7387 | 16,00 | 30,00 | 10,00 | NBR | LI | 00795 |
| TCS0180 | 9,00 | 22,00 | 7,00 | HNBR | LI | --- | TCS0060 | 16,00 | 32,00 | 7,00 | NBR | LI | 00796 |
| 9951 | 10,00 | 18,00 | 6,00 | NBR | LI | --- | 6585 | 16,30 | 24,00 | 7,00 | NBR | LI | 00726 |
| TCS0837 | 10,00 | 19,00 | 7,00 | NBR | LI | 02171 | 6587 | 17,00 | 25,00 | 4,00 | NBR | LI | 02161 |
| AG7951 | 10,00 | 25,40 | 6,40 | FPM | LI | --- | 6588 | 17,00 | 25,00 | 4,00 | FPM | LI | 02161 |
| AG7955 | 10,00 | 27,00 | 6,40 | FPM | LI | --- | 6940 | 17,00 | 28,00 | 5,00 | NBR | LI | 02701 |
| TCS0848 | 11,00 | 17,00 | 4,00 | NBR | LI | 01737 | 6321 | 17,00 | 28,00 | 5,00 | FPM | LI | 02701 |
| TCS0849 | 11,00 | 17,00 | 4,00 | NBR AZUL | LI | 01737 | 9811 | 17,00 | 28,00 | 6,00 | NBR | LI | 01072 |
| TCS0193 | 12,00 | 21,00 | 4,00 | NBR | LI | 03255 | TCS0254 | 17,00 | 29,00 | 5,00 | NBR | LI | --- |
| 9497 | 12,00 | 22,00 | 7,00 | NBR | LI | --- | 6323 | 17,00 | 30,00 | 7,00 | FPM/INOX | LI | --- |
| TCS0196 | 12,00 | 24,00 | 4,50 | NBR | LI | --- | AX0041 | 17,00 | 35,00 | 7,00 | NBR | LI | 00853 |
| TCS0199 | 12,00 | 25,00 | 7,00 | NBR | LI | --- | AG8131 | 17,00 | 40,00 | 7,00 | NBR | LI | --- |
| TCS0202 | 12,00 | 28,00 | 7,00 | NBR | LI | --- | AG8407 | 17,00 | 40,00 | 7,00 | MVQ | LI | --- |
| 6322 | 12,00 | 28,00 | 7,00 | FPM/INOX | LI | --- | TCS0090 | 17,00 | 40,00 | 8,50 | NBR | LI | 01492 |
| 9527 | 12,00 | 28,00 | 7,00 | MVQ | LI | --- | TCS0260 | 17,40 | 25,00 | 4,00 | NBR | LI | --- |
| 6431 | 12,00 | 28,10 | 7,00 | NBR | LI | 01420 | 9655 | 17,40 | 28,50 | 6,20 | NBR | LI | --- |
| 6584 | 12,00 | 28,10 | 7,00 | FPM | LI | 01420 | 9650 | 18,00 | 30,00 | 6,00 | FPM | LI | --- |
| TCS0206 | 12,00 | 37,00 | 7,00 | NBR | LI | --- | 9723 | 18,00 | 30,00 | 7,00 | NBR | LI | --- |
| TCS0207 | 12,00 | 40,00 | 7,00 | NBR | LI | --- | 5233 | 19,00 | 28,60 | 6,30 | NBR | LI | 00329 |
| AG7149 | 12,70 | 22,35 | 8,00 | NBR | LI | --- | 5900 | 19,00 | 28,60 | 6,40 | FPM | LI | --- |
| 9967 | 12,70 | 28,65 | 6,50 | NBR | LI | --- | 4791 | 19,00 | 29,00 | 6,50 | NBR | LI | --- |
| TCS0211 | 13,00 | 22,00 | 5,00 | NBR | LI | --- | TCS0111 | 19,00 | 29,00 | 6,50 | NBR | LI | --- |
| 9850 | 14,00 | 32,00 | 10,00 | NBR | LI | 01875 | 9952 | 19,00 | 30,00 | 7,00 | NBR | LI | --- |
| TCS0222 | 14,73 | 55,00 | 6,00 | NBR | LI | --- | 1497 | 19,00 | 31,60 | 7,70 | NBR | LI | 02263 |
| 6622 | 15,00 | 23,00 | 3,00 | FPM PT | LI | --- | 1553 | 19,00 | 33,30 | 9,50 | NBR | LI | --- |
| TCS0224 | 15,00 | 24,00 | 6,00 | NBR | LI | --- | TCS0838 | 19,05 | 31,75 | 6,35 | NBR | LI | 00821 |
| 6490 | 15,00 | 24,00 | 7,00 | NBR | LI | 00790 | 6590 | 20,00 | 30,00 | 7,00 | NBR | LI | 00505 |
| 6320 | 15,00 | 24,00 | 7,00 | FPM | LI | 00790 | 6432 | 20,00 | 32,00 | 6,00 | NBR | LI | 00712 |
| TCS0227 | 15,00 | 25,00 | 4,50 | NBR | LI | --- | 6492 | 20,00 | 32,00 | 6,00 | FPM | LI | 00712 |
| TCS0136 | 15,00 | 25,00 | 7,00 | ACM | LI | 02309 | 6591 | 20,00 | 32,00 | 6,00 | NBR | LI | 00712 |
| TCS0097 | 15,00 | 30,00 | 7,00 | NBR | LI | 01677 | AG7042 | 20,00 | 32,00 | 6,00 | HNBR | LI | --- |
| TCS0110 | 15,00 | 32,00 | 7,00 | NBR | LI | 01907 | 6324 | 20,00 | 32,00 | 6,00 | FPM | LI | 00712 |
| 5743 | 15,00 | 35,00 | 7,00 | NBR | LI | 01058 | TCS0144 | 20,00 | 34,00 | 7,00 | NBR | LI | 02486 |
| AG8254 | 15,00 | 35,00 | 7,00 | HNBR | LI | --- | TCS0292 | 20,00 | 34,00 | 7,00 | NBR | LI | 02311 |
| AG7491 | 15,00 | 35,00 | 7,00 | FPM | LI | 01058 | TCS0145 | 20,00 | 35,00 | 7,00 | MVQ | LI | 02486 |
| 5224 | 15,80 | 25,40 | 5,50 | NBR | LI | --- | AG8267 | 20,00 | 47,00 | 7,00 | NBR | LI | --- |

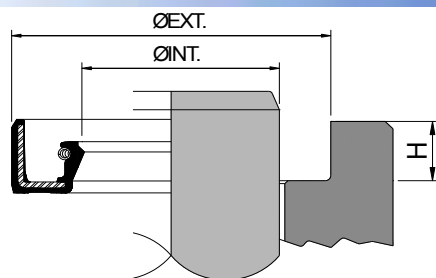
RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO E LÁBIO DE VEDAÇÃO COM MOLLA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|-------|----------|-----|-------|---------|--------|--------|-------|----------|-----|-------|
| AG7581 | 20,00 | 47,10 | 10,00 | NBR | LI | 00909 | 5670 | 26,00 | 39,00 | 5,30 | NBR | LI | --- |
| TCS0773 | 20,60 | 41,00 | 6,30 | NBR | LI | --- | CX8596 | 27,00 | 34,80 | 4,60 | NBR | LI | --- |
| 9173 | 21,00 | 31,00 | 6,20 | NBR | LI | --- | TCS0024 | 27,00 | 38,00 | 5,50 | NBR | LI | --- |
| TCS0142 | 21,50 | 40,00 | 7,00 | NBR | LI | 02418 | 9818 | 27,00 | 38,10 | 6,40 | NBR | LI | 01993 |
| TCS0141 | 21,50 | 40,00 | 7,00 | ACM | LI | --- | AG7200 | 27,00 | 39,70 | 6,35 | NBR | LI | --- |
| TCS0947 | 22,00 | 30,00 | 4,00 | NBR | LI | --- | TCS0023 | 27,75 | 37,30 | 6,50 | NBR | LI | --- |
| CX9354 | 22,00 | 31,00 | 6,50 | NBR | LI | --- | CX9164 | 28,00 | 37,00 | 5,00 | NBR | LI | --- |
| 4571 | 22,00 | 35,00 | 7,00 | NBR | LI | 01716 | TCS0772 | 28,00 | 37,60 | 6,00 | NBR | LI | --- |
| TCS0314 | 22,00 | 42,00 | 5,00 | NBR | LI | --- | 1464 | 28,00 | 38,00 | 5,50 | NBR | LI | --- |
| TCS0005 | 23,00 | 34,00 | 6,30 | NBR | LI | --- | 9400 | 28,00 | 38,00 | 7,00 | NBR | LI | --- |
| TCS0776 | 23,00 | 35,00 | 6,50 | NBR | LI | --- | TCS0756 | 28,00 | 38,00 | 7,00 | NBR | LI | --- |
| TCS0708 | 23,00 | 38,00 | 7,00 | NBR | LI | --- | 6436 | 28,00 | 40,00 | 7,00 | NBR | LI | 01495 |
| TCS0323 | 23,42 | 29,77 | 4,78 | NBR | LI | --- | AG7195 | 28,00 | 40,00 | 7,00 | FPM | LI | 01495 |
| CX5927 | 24,00 | 33,00 | 7,00 | NBR | LI | --- | 9124 | 28,00 | 40,00 | 7,50 | NBR | LI | --- |
| CX9409 | 24,00 | 37,00 | 7,00 | NBR | LI | 01214 | TCS0733 | 28,00 | 42,00 | 7,00 | NBR | LI | --- |
| AG7694 | 24,00 | 40,00 | 7,00 | NBR | LI | --- | TCS0372 | 28,00 | 42,00 | 7,00 | FPM | LI | --- |
| 9953 | 25,00 | 33,00 | 6,00 | NBR | LI | --- | 3291 | 28,00 | 57,00 | 9,50 | NBR | LI | --- |
| CX9361 | 25,00 | 34,00 | 5,00 | NBR | LI | --- | 6295 | 28,20 | 38,10 | 6,00 | NBR | LI | --- |
| TCS0829 | 25,00 | 34,00 | 5,00 | NBR | LI | --- | TCS0375 | 28,45 | 38,10 | 6,35 | NBR | LI | --- |
| CX9114 | 25,00 | 34,00 | 7,00 | NBR | LI | --- | CX9370 | 28,50 | 37,60 | 5,20 | NBR | LI | --- |
| 6220 | 25,00 | 35,00 | 5,00 | FPM | LI | --- | 5188 | 28,50 | 47,60 | 9,00 | NBR | LI | --- |
| 6219 | 25,00 | 35,00 | 7,00 | NBR | LI | 01543 | TCS0379 | 28,58 | 55,37 | 12,70 | NBR | LI | --- |
| 6325 | 25,00 | 35,00 | 7,00 | FPM/INOX | LI | --- | 4589 | 28,60 | 39,70 | 9,50 | NBR | LI | 00054 |
| AG7043 | 25,00 | 35,00 | 7,00 | HNBR | LI | --- | TCS0069 | 28,60 | 39,75 | 7,00 | NBR | LI | 00932 |
| AG7705 | 25,00 | 35,00 | 7,00 | MVQ | LI | --- | 6865 | 28,60 | 42,00 | 5,60 | NBR | LI | --- |
| TCS0757 | 25,00 | 35,00 | 7,00 | NBR | LI | --- | 6470 | 30,00 | 37,00 | 4,00 | NBR | LI | --- |
| 6594 | 25,00 | 35,00 | 7,00 | FPM | LI | 01543 | AG8315 | 30,00 | 37,00 | 4,00 | MVQ | LI | --- |
| 4519 | 25,00 | 36,00 | 7,00 | NBR | LI | 01515 | AG8467 | 30,00 | 37,00 | 4,00 | HNBR | LI | --- |
| 6435 | 25,00 | 40,00 | 8,00 | NBR | LI | 01556 | 6596 | 30,00 | 37,00 | 4,00 | FPM | LI | --- |
| TCS0345 | 25,00 | 43,00 | 6,00 | NBR | LI | --- | 6581 | 30,00 | 40,00 | 5,00 | FPM | LI | --- |
| TCS0051 | 25,00 | 43,00 | 10,00 | NBR | LI | 00506 | 1499 | 30,00 | 40,00 | 7,00 | NBR | LI | 01535 |
| 5666 | 25,00 | 47,00 | 7,00 | NBR | LI | 02010 | 6326 | 30,00 | 40,00 | 7,00 | FPM | LI | 01535 |
| 3335 | 25,00 | 47,00 | 10,00 | NBR | LI | 00266 | TCS0383 | 30,00 | 42,00 | 7,00 | NBR | LI | --- |
| TCS0048 | 25,00 | 52,00 | 10,00 | NBR | LI | 00463 | TCS0095 | 30,00 | 42,00 | 8,00 | NBR | LI | 01667 |
| TCS0355 | 25,00 | 62,00 | 7,00 | FPM | LI | --- | AG7355 | 30,00 | 47,00 | 6,00 | FPM/INOX | LI | --- |
| 9950 | 25,40 | 36,50 | 8,60 | NBR | LI | --- | 6520 | 30,00 | 47,00 | 10,00 | NBR | LI | 00131 |
| 9810 | 26,00 | 35,00 | 5,00 | NBR | LI | --- | TCS0394 | 30,00 | 50,00 | 8,00 | NBR | LI | --- |
| 6355 | 26,00 | 35,00 | 7,00 | NBR | LI | --- | TCS0072 | 30,00 | 52,00 | 8,00 | NBR | LI | 00952 |
| TCS0683 | 26,00 | 37,00 | 7,00 | NBR | LI | --- | TCS0071 | 30,00 | 52,00 | 10,00 | NBR | LI | 00949 |
| TCS0006 | 26,00 | 38,00 | 6,50 | NBR | LI | --- | 5468 | 30,00 | 62,00 | 7,00 | NBR | LI | --- |

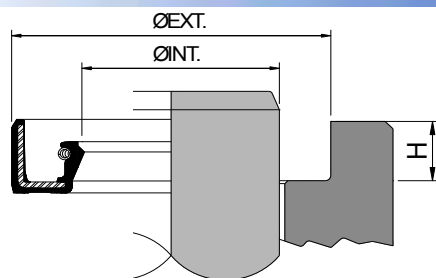
RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO E LÁBIO DE VEDAÇÃO COM MOLLA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|-------|------|-----|-------|---------|--------|--------|-------|------|-----|-------|
| TCS0402 | 30,00 | 62,00 | 7,00 | FPM | LI | --- | TCS0441 | 38,00 | 50,00 | 7,00 | NBR | LI | --- |
| AG7214 | 30,25 | 39,70 | 6,35 | NBR | LI | 01992 | TCS0840 | 38,00 | 50,00 | 7,00 | NBR | LI | --- |
| CX9183 | 31,70 | 44,50 | 8,00 | NBR | LI | 00343 | TCS0442 | 38,00 | 50,00 | 8,00 | NBR | LI | --- |
| CX5918 | 31,74 | 42,80 | 7,90 | NBR | LI | --- | 1458 | 38,00 | 52,00 | 10,00 | NBR | LI | 00479 |
| TCS0839 | 31,75 | 44,45 | 6,35 | NBR | LI | 01149 | TCS0147 | 38,00 | 52,25 | 7,00 | NBR | LI | 02506 |
| TCS0014 | 33,00 | 43,00 | 6,50 | NBR | LI | --- | 5767 | 38,00 | 54,00 | 10,00 | NBR | LI | 02051 |
| TCS0827 | 33,00 | 46,00 | 7,00 | NBR | LI | --- | 6781 | 40,00 | 50,00 | 6,00 | FPM | LI | --- |
| 1522 | 33,00 | 51,00 | 8,00 | NBR | LI | --- | TCS0451 | 40,00 | 52,00 | 7,00 | FPM | LI | --- |
| TCS0419 | 34,00 | 44,00 | 4,00 | NBR | LI | --- | 4573 | 40,00 | 55,15 | 10,00 | NBR | LI | 01745 |
| TCS0420 | 34,00 | 44,00 | 7,00 | NBR | LI | --- | 6941 | 40,00 | 56,00 | 8,00 | NBR | LI | 00880 |
| CX9416 | 34,00 | 46,00 | 7,00 | NBR | LI | --- | AG7682 | 40,00 | 56,00 | 8,00 | MVQ | LI | --- |
| TCS0092 | 34,00 | 52,00 | 7,50 | NBR | LI | 01509 | AG8182 | 40,00 | 56,00 | 8,00 | HNBR | LI | --- |
| TCS0424 | 34,93 | 47,63 | 6,35 | NBR | LI | --- | 6329 | 40,00 | 56,00 | 8,00 | FPM | LI | 00880 |
| 9999 | 35,00 | 42,00 | 4,00 | NBR | LI | --- | 6447 | 40,00 | 56,00 | 8,00 | FPM | LI | --- |
| 6446 | 35,00 | 45,00 | 7,00 | FPM | LI | --- | 6483 | 40,00 | 56,00 | 8,00 | FPM | LI | --- |
| AG7901 | 35,00 | 45,00 | 7,00 | MVQ | LI | --- | AG7649 | 40,00 | 62,00 | 10,00 | NBR | LI | --- |
| AG8210 | 35,00 | 45,00 | 7,00 | HNBR | LI | --- | 4903 | 40,00 | 62,00 | 11,50 | NBR | LI | 01109 |
| 6327 | 35,00 | 45,00 | 7,00 | FPM | LI | --- | 6518 | 40,00 | 62,00 | 11,50 | NBR | LI | 01109 |
| TCS0677 | 35,00 | 46,00 | 7,00 | NBR | LI | --- | AG7747 | 40,00 | 62,00 | 11,50 | FPM | LI | 01109 |
| 5705 | 35,00 | 47,00 | 7,00 | FPM | LI | --- | 5671 | 40,00 | 65,00 | 10,00 | NBR | LI | --- |
| 6656 | 35,00 | 47,00 | 7,00 | NBR | LI | --- | 3356 | 40,00 | 72,00 | 7,00 | NBR | LI | --- |
| TCS0054 | 35,00 | 47,05 | 10,00 | NBR | LI | 00520 | 4657 | 40,00 | 80,10 | 10,00 | NBR | LI | 00913 |
| AG8217 | 35,00 | 48,00 | 5,50 | NBR | LI | --- | TCS0466 | 41,28 | 61,90 | 12,70 | NBR | LI | --- |
| 5846 | 35,00 | 52,00 | 5,00 | NBR | LI | --- | 5910 | 42,00 | 56,00 | 7,00 | NBR | LI | 00288 |
| 4787 | 35,00 | 52,00 | 7,00 | NBR | LI | --- | AX0042 | 42,00 | 56,00 | 7,00 | NBR | LI | --- |
| 5130 | 35,00 | 52,00 | 7,00 | FPM | LI | --- | TCS0720 | 42,00 | 62,00 | 6,00 | NBR | LI | 01802 |
| 6328 | 35,00 | 52,00 | 7,00 | FPM | LI | --- | AX0224 | 42,00 | 62,10 | 10,00 | NBR | LI | 00521 |
| AX0232 | 35,00 | 52,10 | 10,00 | NBR | LI | 01742 | TCS0091 | 42,00 | 65,00 | 10,00 | NBR | LI | 01505 |
| 4518 | 35,00 | 55,00 | 8,00 | NBR | LI | 01980 | 3952 | 42,00 | 68,00 | 10,00 | NBR | LI | --- |
| TCS0115 | 35,00 | 55,00 | 8,00 | NBR | LI | 01980 | AX0225 | 42,00 | 72,00 | 12,00 | NBR | LI | 01081 |
| 4749 | 35,00 | 55,50 | 6,40 | NBR | LI | 00284 | TCS0013 | 43,00 | 62,00 | 10,00 | NBR | LI | --- |
| 4590 | 35,00 | 58,00 | 10,00 | NBR | LI | 01551 | TCS0139 | 44,00 | 60,00 | 7,00 | NBR | LI | --- |
| TCS0029 | 35,00 | 60,25 | 12,70 | NBR | LI | --- | 1495 | 44,30 | 81,00 | 12,50 | NBR | LI | 02196 |
| TCS0062 | 35,00 | 62,00 | 9,50 | NBR | LI | --- | 6967 | 44,50 | 57,15 | 9,40 | NBR | LI | 00734 |
| AG7829 | 35,00 | 72,00 | 7,00 | NBR | LI | --- | 3516 | 44,50 | 57,15 | 12,70 | NBR | LI | --- |
| AG8259 | 35,00 | 72,00 | 7,00 | MVQ | LI | --- | 4684 | 44,50 | 66,65 | 12,70 | NBR | LI | 00128 |
| AG8477 | 35,00 | 72,00 | 7,00 | NBR | LI | --- | 6602 | 45,00 | 55,00 | 6,00 | FPM | LI | --- |
| TCS0438 | 36,00 | 50,00 | 7,00 | FPM | LI | --- | AG8031 | 45,00 | 62,00 | 7,00 | NBR | LI | --- |
| TCS0061 | 36,00 | 54,00 | 7,00 | NBR | LI | 00797 | AG8258 | 45,00 | 62,00 | 7,00 | HNBR | LI | --- |
| 1471 | 37,00 | 50,00 | 12,00 | NBR | LI | --- | AG8266 | 45,00 | 62,00 | 7,00 | MVQ | LI | --- |

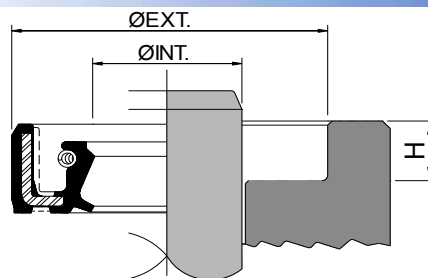
RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO E LÁBIO DE VEDAÇÃO COM MOLLA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|-------|----------|-----|--------|---------|--------|--------|-------|----------|-----|--------|
| 6603 | 45,00 | 62,00 | 7,00 | FPM | LI | --- | 1549 | 60,00 | 80,00 | 8,00 | NBR | LI | 00036 |
| 6604 | 45,00 | 62,00 | 7,00 | FPM PT | LI | --- | AG7635 | 60,00 | 80,00 | 8,00 | FPM | LI | --- |
| TCS0513 | 45,00 | 62,00 | 8,00 | FPM | LI | --- | TCS0895 | 60,00 | 80,00 | 13,00 | NBR | LI | 00818 |
| 1551 | 45,00 | 62,00 | 8,50 | NBR | LI | --- | TCS0073 | 60,00 | 82,00 | 12,00 | NBR | LI | 00977 |
| 4572 | 45,00 | 64,95 | 12,00 | NBR | LI | 01344 | TCS0914 | 60,00 | 85,10 | 12,70 | NBR | LI | 01194 |
| AG7347 | 45,00 | 65,00 | 7,00 | NBR | BI | --- | 4137 | 60,40 | 79,35 | 9,30 | NBR | LI | 01050 |
| TCS0936 | 45,00 | 65,00 | 10,00 | NBR | LI | 00359 | TCS0517 | 62,00 | 85,00 | 10,00 | NBR | LI | 00460 |
| TCS0053 | 45,00 | 72,00 | 12,00 | NBR | LI | 00509 | 4243 | 63,00 | 85,00 | 8,00 | FPM | LI | --- |
| 4491 | 45,00 | 75,00 | 10,00 | NBR | LI | --- | 1463 | 63,50 | 76,10 | 9,50 | NBR | LI | 00907 |
| 3265 | 46,00 | 65,00 | 8,00 | NBR | LI | --- | 4425 | 63,50 | 82,55 | 9,50 | NBR | LI | --- |
| 1984 | 47,60 | 69,85 | 9,50 | NBR | LI | 01699 | TCS0572 | 64,00 | 80,00 | 8,00 | NBR | LI | --- |
| 4627 | 48,00 | 65,00 | 10,00 | FPM | H | --- | 4335 | 65,00 | 80,00 | 8,00 | NBR | LI | 01160 |
| TCS0529 | 48,00 | 70,00 | 12,00 | NBR | LI | --- | TCS0037 | 65,00 | 90,00 | 13,00 | NBR | LI | 00164 |
| 4674 | 49,00 | 75,00 | 11,00 | NBR | LI | 01017 | 1302 | 65,00 | 100,00 | 9,50 | NBR | LI | --- |
| 6605 | 50,00 | 60,00 | 6,00 | FPM | LI | --- | 6971 | 66,70 | 92,00 | 12,00 | NBR | H | --- |
| 6606 | 50,00 | 65,00 | 8,00 | NBR | LI | 01422 | 1470 | 66,70 | 95,25 | 12,70 | NBR | LI | 00379 |
| AG7736 | 50,00 | 65,00 | 8,00 | FPM | LI | 01422 | 1534 | 68,00 | 90,00 | 10,00 | NBR | LI | 02445 |
| 6516 | 50,00 | 68,00 | 10,00 | NBR | LI | 01340 | TCS0723 | 68,00 | 100,00 | 10,00 | NBR | LI | --- |
| 4789 | 50,00 | 70,00 | 10,00 | NBR | LI | 00946 | 1457 | 69,90 | 88,90 | 9,50 | NBR | LI | --- |
| 4654 | 52,00 | 68,00 | 8,00 | FPM | H | --- | 6607 | 70,00 | 85,00 | 7,00 | FPM | LI | --- |
| TCS0540 | 52,00 | 71,00 | 9,00 | NBR | LI | --- | 5716 | 70,00 | 85,00 | 8,00 | NBR | LI | 00906 |
| 5667 | 54,00 | 72,00 | 8,00 | NBR | LI | 00563 | 5747 | 70,00 | 85,00 | 8,00 | MVQ | LI | 00906 |
| 6942 | 55,00 | 70,00 | 8,00 | NBR | LI | 01181 | 6333 | 70,00 | 85,00 | 8,00 | FPM | LI | 00906 |
| AG8257 | 55,00 | 70,00 | 8,00 | HNBR | LI | --- | AG7626 | 72,00 | 90,00 | 10,00 | NBR | LI | --- |
| 6331 | 55,00 | 70,00 | 8,00 | FPM | LI | 01181 | AG8308 | 72,00 | 90,00 | 10,00 | FPM | LI | --- |
| 6448 | 55,00 | 70,00 | 8,00 | FPM PT | LI | --- | TCS0148 | 75,00 | 95,00 | 10,00 | NBR | LI | 02531 |
| 3254 | 55,00 | 72,00 | 10,00 | NBR | LI | 01550 | 4775 | 75,00 | 95,10 | 13,00 | NBR | LI | 00046 |
| TCS0081 | 55,00 | 85,00 | 13,00 | NBR | LI | 01180 | 9455 | 75,00 | 100,00 | 10,00 | NBR | LI | --- |
| TCS0557 | 55,00 | 100,00 | 12,00 | NBR | LI | --- | TCS0041 | 75,00 | 100,00 | 12,00 | NBR | LI | 00269 |
| TCS0096 | 55,00 | 100,20 | 12,70 | NBR | LI | --- | TCS0596 | 75,00 | 110,00 | 13,00 | NBR | LI | --- |
| 3292 | 57,10 | 79,40 | 9,50 | NBR | H | --- | AX0228 | 79,40 | 114,30 | 12,70 | NBR | LI | 01148 |
| 1716 | 57,15 | 85,70 | 12,70 | NBR | LI | --- | 9528 | 80,00 | 100,00 | 7,00 | NBR | LI | --- |
| TCS0558 | 58,00 | 80,00 | 7,00 | NBR | LI | --- | 5526 | 80,00 | 100,00 | 7,00 | FPM | LI | --- |
| TCS0561 | 60,00 | 72,00 | 8,00 | FPM | LI | --- | 6657 | 80,00 | 100,00 | 10,00 | NBR | LI | 00610 |
| 6491 | 60,00 | 75,00 | 8,00 | NBR | LI | 00501 | AG7545 | 80,00 | 100,00 | 10,00 | MVQ | LI | --- |
| AG7670 | 60,00 | 75,00 | 8,00 | MVQ | LI | --- | 6334 | 80,00 | 100,00 | 10,00 | FPM | LI | 00610F |
| AG8219 | 60,00 | 75,00 | 8,00 | HNBR | LI | --- | 6450 | 80,00 | 100,00 | 10,00 | FPM/INOX | LI | --- |
| 6332 | 60,00 | 75,00 | 8,00 | FPM | LI | 00501F | 4328 | 82,00 | 100,00 | 10,00 | NBR | LI | --- |
| 6449 | 60,00 | 75,00 | 8,00 | FPM/INOX | LI | --- | AG7178 | 82,00 | 100,00 | 10,00 | FPM | LI | --- |
| 6536 | 60,00 | 80,00 | 7,00 | NBR | BI | --- | 6609 | 85,00 | 110,00 | 7,50 | FPM | LI | --- |

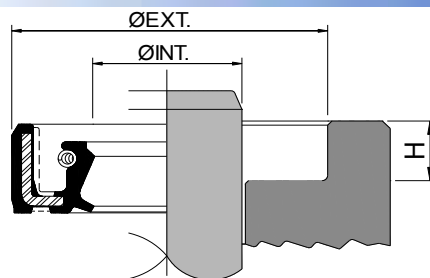
RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO, LÁBIO DE VEDAÇÃO COM MOLLA E VEDAÇÃO AUXILIAR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|-------|-----|-----|-------|---------|--------|--------|-------|-----|-----|-------|
| TCS0166 | 6,00 | 12,00 | 5,00 | NBR | LI | --- | TCS0230 | 15,00 | 30,00 | 5,00 | NBR | LI | --- |
| TCS0167 | 6,00 | 16,00 | 7,00 | NBR | LI | --- | TCS0231 | 15,00 | 30,00 | 5,00 | FPM | LI | --- |
| TCS0168 | 6,60 | 14,50 | 7,00 | NBR | LI | --- | TCS0233 | 15,00 | 30,00 | 7,00 | NBR | LI | --- |
| TCS0171 | 7,00 | 14,00 | 4,00 | NBR | LI | --- | TCS0813 | 15,00 | 30,00 | 10,00 | NBR | LI | 01348 |
| TCS0172 | 7,00 | 22,00 | 7,00 | NBR | LI | --- | TCS0234 | 15,00 | 32,00 | 7,00 | NBR | LI | 01907 |
| TCS0127 | 8,00 | 18,00 | 5,00 | NBR | LI | 02163 | TCS0235 | 15,00 | 32,00 | 7,00 | FPM | LI | 01907 |
| TCS0727 | 8,50 | 16,00 | 6,50 | NBR | LI | 0998 | TCS0236 | 15,00 | 35,00 | 5,00 | NBR | LI | --- |
| TCS0186 | 10,00 | 19,00 | 7,00 | FPM | LI | --- | AG7522 | 15,00 | 35,00 | 7,00 | NBR | LI | --- |
| TCS0188 | 10,00 | 20,00 | 7,00 | NBR | LI | --- | AG8255 | 15,00 | 35,00 | 7,00 | NBR | LI | --- |
| TCS0189 | 10,00 | 21,00 | 5,00 | FPM | LI | 03005 | TCS0814 | 15,00 | 35,00 | 10,00 | NBR | LI | --- |
| TCS0191 | 11,60 | 24,00 | 10,00 | NBR | LI | --- | TCS0240 | 15,00 | 42,00 | 8,00 | NBR | LI | --- |
| TCS0787 | 12,00 | 21,00 | 5,00 | NBR | LI | 03005 | 1496 | 15,80 | 28,60 | 6,40 | NBR | LI | --- |
| TCS0149 | 12,00 | 22,00 | 5,00 | NBR | LI | 02535 | TCS0018 | 16,00 | 26,00 | 5,00 | FPM | LI | --- |
| TCS0194 | 12,00 | 22,00 | 7,00 | NBR | LI | --- | TCS0137 | 16,00 | 28,00 | 7,00 | NBR | LI | 02310 |
| TCS0197 | 12,00 | 24,00 | 7,00 | NBR | LI | --- | TCS0244 | 16,00 | 30,00 | 7,00 | NBR | LI | --- |
| TCS0198 | 12,00 | 25,00 | 5,00 | NBR | LI | --- | TCS0871 | 16,00 | 30,00 | 10,00 | NBR | LI | 00795 |
| TCS0200 | 12,00 | 25,00 | 7,00 | NBR | LI | --- | TCS0246 | 16,00 | 32,00 | 7,00 | NBR | LI | 00796 |
| TCS0201 | 12,00 | 25,00 | 7,00 | FPM | LI | --- | TCS0245 | 16,00 | 32,00 | 7,00 | FPM | LI | --- |
| 6553 | 12,00 | 28,10 | 7,00 | NBR | LI | --- | TCS0247 | 16,00 | 35,00 | 7,00 | NBR | LI | --- |
| TCS0204 | 12,00 | 30,00 | 8,00 | NBR | LI | --- | TCS0021 | 16,90 | 27,90 | 5,00 | FPM | LI | --- |
| TCS0436 | 13,00 | 24,00 | 7,00 | NBR | LI | --- | TCS0248 | 17,00 | 24,00 | 5,00 | NBR | LI | --- |
| TCS0781 | 13,00 | 26,00 | 7,00 | NBR | LI | 02373 | TCS0249 | 17,00 | 24,00 | 7,00 | NBR | LI | --- |
| TCS0212 | 13,00 | 26,00 | 7,00 | FPM | LI | --- | TCS0151 | 17,00 | 25,00 | 4,00 | NBR | LI | 02571 |
| TCS0213 | 13,00 | 28,00 | 7,00 | NBR | LI | --- | TCS0250 | 17,00 | 28,00 | 5,00 | NBR | LI | 02701 |
| TCS0215 | 13,70 | 24,00 | 5,00 | NBR | LI | --- | TCS0251 | 17,00 | 28,00 | 6,00 | NBR | LI | 01072 |
| TCS0953 | 14,00 | 22,00 | 4,00 | ACM | LI | --- | 5728 | 17,00 | 28,00 | 6,50 | NBR | LI | 01072 |
| TCS0812 | 14,00 | 22,00 | 5,00 | NBR | LI | 03252 | TCS0252 | 17,00 | 28,00 | 7,00 | NBR | LI | --- |
| TCS0216 | 14,00 | 24,00 | 6,00 | NBR | LI | 02162 | TCS0255 | 17,00 | 29,00 | 7,00 | NBR | LI | --- |
| TCS0218 | 14,00 | 25,00 | 5,00 | NBR | LI | --- | 1527 | 17,00 | 30,00 | 7,00 | NBR | LI | 02730 |
| TCS0217 | 14,00 | 25,00 | 5,00 | FPM | LI | --- | CX9123 | 17,00 | 30,00 | 7,00 | NBR | AH | --- |
| TCS0219 | 14,00 | 26,00 | 7,00 | NBR | LI | --- | TCS0256 | 17,00 | 32,00 | 7,00 | NBR | LI | 02425 |
| TCS0135 | 14,00 | 28,00 | 7,00 | NBR | LI | 02308 | TCS0257 | 17,00 | 32,00 | 8,00 | NBR | LI | --- |
| TCS0220 | 14,00 | 30,00 | 7,00 | NBR | LI | --- | TCS0258 | 17,00 | 35,00 | 7,00 | NBR | LI | 00853 |
| TCS0221 | 14,00 | 32,00 | 7,00 | NBR | LI | --- | TCS0815 | 17,00 | 35,00 | 10,00 | NBR | LI | 01415 |
| TCS0223 | 15,00 | 24,00 | 5,00 | NBR | LI | --- | TCS0259 | 17,00 | 36,00 | 7,00 | NBR | LI | --- |
| AG7523 | 15,00 | 24,00 | 7,00 | NBR | LI | --- | TCS0262 | 18,00 | 28,00 | 7,00 | NBR | LI | --- |
| TCS0226 | 15,00 | 25,00 | 4,00 | NBR | LI | --- | TCS0676 | 18,00 | 28,00 | 5,00 | NBR | LI | --- |
| TCS0228 | 15,00 | 25,00 | 5,00 | NBR | LI | --- | TCS0002 | 18,00 | 30,00 | 5,00 | NBR | LI | --- |
| 5727 | 15,00 | 25,00 | 6,00 | NBR | LI | 02454 | TCS0263 | 18,00 | 30,00 | 6,00 | NBR | LI | --- |
| TCS0229 | 15,00 | 26,00 | 7,00 | NBR | LI | 07518 | CX6032 | 18,00 | 30,00 | 7,00 | NBR | LI | 00496 |

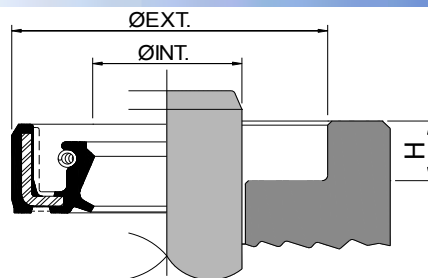
RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO, LÁBIO DE VEDAÇÃO COM MOLLA E VEDAÇÃO AUXILIAR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|------|-----|-----|-------|---------|--------|--------|-------|--------|-----|-------|
| 5703 | 18,00 | 30,00 | 9,50 | NBR | LI | --- | 9690 | 19,50 | 33,00 | 7,30 | FPM | LI | --- |
| TCS0481 | 18,00 | 30,00 | 7,00 | NBR | LI | --- | TCS0282 | 19,80 | 30,00 | 6,00 | FPM | LI | --- |
| TCS0264 | 18,00 | 32,00 | 7,00 | NBR | LI | --- | TCS0284 | 20,00 | 30,00 | 6,00 | NBR | LI | --- |
| TCS0265 | 18,00 | 32,00 | 7,00 | FPM | LI | --- | CX5899 | 20,00 | 30,00 | 7,00 | NBR | LI | --- |
| TCS0686 | 18,00 | 32,00 | 8,00 | NBR | LI | --- | TCS0285 | 20,00 | 30,00 | 7,00 | NBR | LI | --- |
| TCS0266 | 18,00 | 35,00 | 7,00 | NBR | LI | --- | AG7275 | 20,00 | 30,00 | 7,00 | FPM | LI | --- |
| TCS0267 | 18,00 | 35,00 | 8,00 | NBR | LI | --- | TCS0287 | 20,00 | 30,00 | 8,00 | NBR | LI | --- |
| TCS0268 | 18,00 | 40,00 | 8,00 | FPM | LI | --- | CX9397 | 20,00 | 30,00 | 5,00 | NBR | LI | --- |
| 3163 | 18,20 | 30,00 | 6,00 | NBR | LI | --- | TCS0288 | 20,00 | 32,00 | 5,00 | NBR | LI | --- |
| CX9358 | 18,70 | 35,00 | 7,00 | NBR | LI | --- | TCS0833 | 20,00 | 32,00 | 5,50 | NBR | LI | --- |
| TCS0823 | 18,70 | 35,00 | 7,00 | NBR | LI | --- | CX9182 | 20,00 | 32,00 | 6,00 | NBR | LI | --- |
| TCS0019 | 18,75 | 37,50 | 5,50 | NBR | LI | --- | 5738 | 20,00 | 32,00 | 6,50 | NBR | LI | --- |
| TCS0269 | 18,90 | 30,00 | 5,00 | NBR | LI | --- | TCS0290 | 20,00 | 32,00 | 7,00 | NBR | LI | --- |
| TCS0946 | 19,00 | 28,00 | 5,00 | NBR | LI | --- | TCS0291 | 20,00 | 32,00 | 8,00 | FPM | LI | --- |
| CX9829 | 19,00 | 28,80 | 5,00 | NBR | LI | --- | TCS0293 | 20,00 | 35,00 | 5,00 | NBR | LI | --- |
| TCS0016 | 19,00 | 29,00 | 7,00 | NBR | LI | --- | TCS1014 | 20,00 | 35,00 | 6,00 | NBR | LI | --- |
| CX7839 | 19,00 | 29,20 | 7,00 | NBR | LI | --- | 5459 | 20,00 | 35,00 | 7,00 | NBR | LI | --- |
| 9805 | 19,00 | 29,80 | 5,00 | NBR | LI | --- | TCS0294 | 20,00 | 35,00 | 8,00 | NBR | LI | 01386 |
| CX9861 | 19,00 | 30,00 | 5,60 | NBR | LI | --- | CX9201 | 20,00 | 35,50 | 6,00 | NBR | LI | --- |
| TCS0270 | 19,00 | 30,00 | 6,00 | NBR | LI | --- | TCS0296 | 20,00 | 36,00 | 7,00 | NBR | LI | --- |
| TCS0824 | 19,00 | 30,00 | 5,00 | NBR | LI | --- | TCS0754 | 20,00 | 36,00 | 7,00 | NBR | LI | --- |
| 5678 | 19,00 | 31,70 | 6,40 | NBR | LI | 00569 | TCS0295 | 20,00 | 36,00 | 7,00 | ACM | LI | --- |
| TCS0678 | 19,00 | 32,00 | 5,00 | NBR | LI | --- | 5742 | 20,00 | 36,00 | 6,30 | NBR | LI | --- |
| CX9237 | 19,00 | 32,00 | 7,00 | FPM | LI | --- | TCS0297 | 20,00 | 38,00 | 5,00 | NBR | LI | --- |
| TCS0271 | 19,00 | 32,00 | 8,00 | NBR | LI | --- | TCS0043 | 20,00 | 38,00 | 7,00 | NBR | LI | --- |
| CX9403 | 19,00 | 32,00 | 6,00 | NBR | LI | --- | AX0174 | 20,00 | 38,00 | 15,00 | NBR | LI | --- |
| CX9394 | 19,00 | 32,00 | 7,00 | NBR | LI | --- | CX9156 | 20,00 | 39,70 | 6,50 | NBR | LI | 02433 |
| 6521 | 19,00 | 35,00 | 7,00 | NBR | LI | 00784 | AG7647 | 20,00 | 40,00 | 6,00 | NBR | LI | 01245 |
| TCS0272 | 19,00 | 35,00 | 7,00 | NBR | LI | --- | 5154 | 20,00 | 40,00 | 7,00 | NBR | LI | 00994 |
| TCS0273 | 19,00 | 35,00 | 7,00 | FPM | LI | --- | TCS0298 | 20,00 | 40,00 | 8,00 | NBR | LI | --- |
| TCS0274 | 19,00 | 36,00 | 7,00 | NBR | LI | --- | TCS0299 | 20,00 | 40,00 | 10,00 | NBR | LI | --- |
| TCS0275 | 19,00 | 38,00 | 7,00 | NBR | LI | --- | TCS0022 | 20,00 | 41,30 | 6,50 | NBR | LI | --- |
| TCS0015 | 19,00 | 38,00 | 7,00 | NBR | LI | --- | CX6079 | 20,00 | 42,00 | 7,00 | NBR | LI | --- |
| TCS0276 | 19,00 | 40,00 | 8,00 | FPM | LI | --- | CX9115 | 20,00 | 42,50 | 7,00 | NBR | LI | --- |
| TCS0277 | 19,00 | 47,00 | 7,00 | NBR | LI | --- | TCS0300 | 20,00 | 47,00 | 7,00 | NBR AZ | LI | --- |
| CX9419 | 19,05 | 34,60 | 4,40 | NBR | LI | --- | TCS0301 | 20,00 | 47,00 | 7,00 | NBR | LI | --- |
| TCS0826 | 19,05 | 34,60 | 6,30 | NBR | LI | --- | TCS0302 | 20,00 | 47,00 | 8,00 | NBR | LI | --- |
| TCS0971 | 19,05 | 38,00 | 5,00 | NBR | LI | --- | TCS0303 | 20,00 | 52,00 | 8,00 | NBR | LI | --- |
| TCS0281 | 19,05 | 38,10 | 7,94 | NBR | LI | --- | 5653 | 21,00 | 33,00 | 8,00 | FPM | LI | --- |
| 9765 | 19,50 | 30,00 | 6,00 | FPM | LI | --- | TCS0304 | 21,00 | 35,00 | 7,00 | FPM AZ | LI | --- |

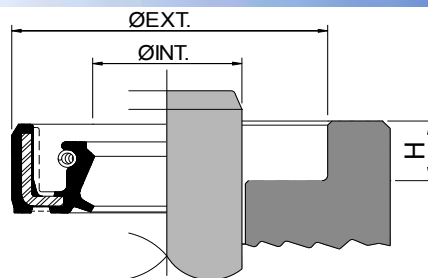
RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO, LÁBIO DE VEDAÇÃO COM MOLLA E VEDAÇÃO AUXILIAR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|-------|--------|-----|-------|---------|--------|--------|-------|--------|-----|-------|
| CX9366 | 21,00 | 35,50 | 6,00 | NBR | LI | --- | TCS0338 | 25,00 | 38,00 | 7,00 | FPM | LI | --- |
| TCS0305 | 21,50 | 35,00 | 8,00 | NBR | LI | --- | TCS0339 | 25,00 | 38,00 | 8,00 | NBR | LI | --- |
| CX9399 | 22,00 | 32,00 | 5,00 | NBR | LI | 01727 | CX9393 | 25,00 | 38,10 | 7,00 | NBR | LI | --- |
| CX9096 | 22,00 | 32,00 | 7,00 | NBR | LI | 01554 | TCS0340 | 25,00 | 40,00 | 7,00 | NBR | LI | --- |
| TCS0309 | 22,00 | 34,00 | 7,00 | NBR | LI | --- | TCS0819 | 25,00 | 40,00 | 7,00 | FPM | LI | 02570 |
| 3215 | 22,00 | 35,00 | 7,00 | NBR | LI | 02572 | CX9230 | 25,00 | 40,00 | 8,00 | NBR | LI | 02233 |
| TCS0311 | 22,00 | 38,00 | 8,00 | NBR | LI | 01112 | TCS0341 | 25,00 | 40,00 | 8,00 | FPM | LI | --- |
| TCS0312 | 22,00 | 40,00 | 6,00 | NBR | LI | --- | 6181 | 25,00 | 40,00 | 9,00 | NBR | LI | 02148 |
| 4609 | 22,00 | 40,00 | 7,00 | NBR | LI | 00761 | TCS0342 | 25,00 | 42,00 | 6,00 | NBR | LI | 01604 |
| TCS0316 | 22,00 | 42,00 | 7,00 | NBR | LI | --- | TCS0343 | 25,00 | 42,00 | 7,00 | NBR | LI | --- |
| TCS0317 | 22,00 | 42,00 | 10,00 | NBR | LI | 00815 | TCS0347 | 25,00 | 45,00 | 7,00 | NBR | LI | --- |
| TCS0318 | 22,00 | 42,00 | 10,00 | FPM | LI | 01914 | TCS0348 | 25,00 | 45,00 | 11,00 | NBR | LI | --- |
| TCS0319 | 22,00 | 47,00 | 8,00 | NBR | LI | --- | TCS0349 | 25,00 | 47,00 | 5,00 | FPM AZ | LI | --- |
| 1521 | 22,20 | 35,00 | 9,50 | NBR | LI | --- | 3900 | 25,00 | 47,00 | 7,00 | NBR | LI | 02010 |
| 1498 | 22,20 | 35,00 | 9,50 | FPM | LI | --- | TCS0350 | 25,00 | 47,00 | 7,00 | FPM | LI | --- |
| 3123 | 22,20 | 50,80 | 12,70 | NBR | LI | --- | AG7927 | 25,00 | 47,00 | 8,00 | NBR | LI | --- |
| TCS0020 | 22,22 | 31,75 | 6,00 | NBR | LI | --- | CX9106 | 25,00 | 47,00 | 10,00 | NBR | LI | 02046 |
| CX9190 | 22,30 | 34,95 | 6,40 | NBR | LI | 00572 | TCS0353 | 25,00 | 50,00 | 10,00 | FPM | LI | --- |
| TCS0320 | 22,50 | 37,00 | 7,00 | FPM AZ | LI | --- | TCS0780 | 25,00 | 50,00 | 10,00 | NBR | LI | --- |
| TCS0321 | 23,00 | 34,00 | 6,00 | NBR | LI | --- | TCS0153 | 25,00 | 52,00 | 7,00 | NBR | LI | --- |
| TCS0322 | 23,00 | 35,00 | 6,00 | NBR | LI | --- | AG7524 | 25,00 | 52,00 | 8,00 | NBR | LI | 02727 |
| TCS1006 | 24,00 | 33,00 | 5,00 | NBR | LI | --- | AG8408 | 25,00 | 52,00 | 8,00 | MVQ | LI | --- |
| CX9405 | 24,00 | 33,00 | 5,00 | NBR | LI | --- | AG8468 | 25,00 | 52,00 | 8,00 | HNBR | LI | --- |
| TCS0324 | 24,00 | 35,00 | 7,00 | NBR | LI | --- | TCS0354 | 25,00 | 52,00 | 10,00 | NBR | LI | --- |
| TCS0325 | 24,00 | 40,00 | 7,00 | NBR | LI | --- | TCS0356 | 25,00 | 62,00 | 7,00 | NBR | LI | --- |
| TCS0326 | 24,00 | 40,00 | 8,00 | FPM | LI | --- | TCS0357 | 25,00 | 62,00 | 10,00 | NBR | LI | --- |
| 4608 | 24,00 | 47,00 | 7,00 | NBR | LI | 00763 | TCS0359 | 25,40 | 38,10 | 9,53 | NBR | LI | --- |
| TCS0327 | 70,00 | 120,00 | 10,00 | NBR | LI | --- | 4848 | 25,40 | 50,00 | 7,50 | NBR | LI | --- |
| 6835 | 25,00 | 35,00 | 6,00 | FPM | H | 03025 | 4851 | 25,40 | 52,00 | 7,00 | NBR | LI | --- |
| CX8228 | 25,00 | 35,00 | 6,00 | FPM | LI | --- | TCS0834 | 26,00 | 34,00 | 4,50 | NBR | LI | --- |
| TCS0330 | 25,00 | 35,00 | 7,00 | NBR | LI | --- | TCS0767 | 26,00 | 35,00 | 6,00 | NBR | LI | --- |
| TCS0820 | 25,00 | 35,00 | 7,00 | FPM | LI | 02802 | 6595 | 26,00 | 35,00 | 7,00 | NBR | LI | 02568 |
| TCS0912 | 25,00 | 35,00 | 10,00 | NBR | LI | --- | CX8317 | 26,00 | 35,50 | 6,00 | NBR | LI | --- |
| CX8536 | 25,00 | 35,40 | 6,50 | NBR | LI | --- | TCS0682 | 26,00 | 35,50 | 6,50 | NBR | LI | --- |
| TCS0991 | 25,00 | 36,00 | 5,00 | NBR | LI | --- | CX6068 | 26,00 | 37,00 | 7,00 | NBR | LI | 01045 |
| TCS0331 | 25,00 | 37,00 | 5,00 | NBR | LI | --- | TCS0786 | 26,00 | 37,00 | 7,00 | NBR | LI | --- |
| TCS0332 | 25,00 | 37,00 | 6,00 | NBR | LI | --- | CX9208 | 26,00 | 38,10 | 5,70 | NBR | LI | --- |
| TCS0333 | 25,00 | 37,00 | 7,00 | NBR | LI | --- | TCS0360 | 26,00 | 42,00 | 7,00 | FPM AZ | LI | --- |
| CX9936 | 25,00 | 38,00 | 7,00 | NBR | LI | --- | TCS0361 | 26,00 | 42,00 | 8,00 | NBR | LI | --- |
| TCS0337 | 25,00 | 38,00 | 7,00 | NBR | LI | --- | AX0040 | 26,00 | 42,00 | 8,00 | FPM | LI | --- |

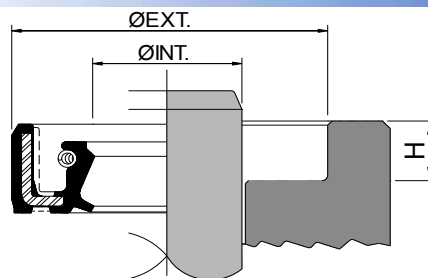
RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO, LÁBIO DE VEDAÇÃO COM MOLLA E VEDAÇÃO AUXILIAR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|-------|-----|-----|--------|---------|--------|--------|-------|----------|-----|-------|
| TCS0080 | 26,00 | 42,00 | 10,00 | NBR | LI | 01151 | TCS0388 | 30,00 | 43,00 | 8,00 | NBR | LI | --- |
| TCS0363 | 26,00 | 48,00 | 8,00 | NBR | LI | --- | 9572 | 30,00 | 44,00 | 6,00 | NBR | LI | --- |
| TCS0364 | 27,00 | 38,00 | 6,00 | NBR | LI | --- | TCS0289 | 30,00 | 45,00 | 7,00 | NBR | LI | --- |
| 6095 | 27,00 | 38,10 | 9,00 | FPM | LI | --- | TCS0389 | 30,00 | 45,00 | 8,00 | NBR | --- | --- |
| TCS0138 | 27,00 | 39,00 | 10,50 | NBR | LI | 02312 | TCS0390 | 30,00 | 45,00 | 8,00 | FPM | --- | --- |
| TCS0365 | 27,00 | 42,00 | 7,00 | NBR | LI | --- | 1975 | 30,00 | 46,00 | 20,00 | NBR | LI | --- |
| AX0014 | 27,00 | 42,00 | 10,00 | NBR | LI | --- | 6597 | 30,00 | 47,00 | 6,00 | FPM/INOX | LI | --- |
| 5668 | 28,00 | 37,00 | 7,00 | NBR | LI | --- | 6736 | 30,00 | 47,00 | 7,00 | NBR | LI | --- |
| TCS0366 | 28,00 | 38,00 | 7,00 | NBR | LI | --- | AG7680 | 30,00 | 47,00 | 7,00 | FPM | AH | 02376 |
| TCS0954 | 28,00 | 38,30 | 5,00 | NBR | LI | --- | CX9398 | 30,00 | 47,00 | 6,00 | NBR | LI | 01695 |
| TCS0367 | 28,00 | 40,00 | 5,00 | NBR | LI | --- | TCS0392 | 30,00 | 48,00 | 7,00 | NBR | LI | --- |
| CX6044 | 28,00 | 40,00 | 6,00 | NBR | LI | --- | AG7369 | 30,00 | 50,00 | 7,00 | NBR | LI | --- |
| TCS0368 | 28,00 | 40,00 | 6,00 | FPM | LI | --- | TCS0393 | 30,00 | 50,00 | 7,00 | FPM | LI | --- |
| TCS0369 | 28,00 | 40,00 | 7,00 | NBR | LI | 01495 | TCS0395 | 30,00 | 50,00 | 8,00 | NBR | LI | --- |
| TCS0370 | 28,00 | 40,00 | 8,00 | NBR | LI | 02413 | TCS0396 | 30,00 | 50,00 | 10,00 | FPM | LI | --- |
| CX6998 | 28,00 | 40,00 | 7,00 | NBR | LI | --- | TCS0779 | 30,00 | 50,00 | 10,00 | NBR | LI | 00358 |
| TCS0371 | 28,00 | 42,00 | 6,00 | NBR | LI | --- | 4575 | 30,00 | 50,00 | 11,00 | NBR | LI | 00911 |
| TCS0373 | 28,00 | 44,00 | 7,00 | NBR | LI | --- | TCS0238 | 30,00 | 52,00 | 6,00 | MVO/PTFE | LI | --- |
| TCS0374 | 28,00 | 45,00 | 8,00 | NBR | LI | --- | 6437 | 30,00 | 52,00 | 8,00 | NBR | LI | 02813 |
| TCS0378 | 28,58 | 41,28 | 6,35 | NBR | LI | --- | 1512 | 30,00 | 52,40 | 7,00 | NBR | LI | --- |
| 5673 | 28,58 | 50,80 | 6,35 | NBR | LI | --- | AG7933 | 30,00 | 55,00 | 7,00 | NBR | LI | --- |
| 1426 | 28,60 | 38,00 | 7,00 | NBR | LI | 01022 | TCS0401 | 30,00 | 60,00 | 10,00 | FPM | LI | --- |
| TCS0791 | 28,60 | 38,10 | 5,95 | NBR | LI | 01299 | AX0246 | 30,00 | 62,00 | 7,00 | NBR | LI | --- |
| AG7684 | 28,60 | 38,10 | 6,00 | NBR | LI | 01299 | AG7711 | 30,00 | 62,00 | 10,00 | NBR | LI | --- |
| 5651 | 28,60 | 41,20 | 7,00 | NBR | BI | --- | 9171 | 30,00 | 62,00 | 10,00 | FPM | LI | --- |
| 1518 | 28,60 | 41,20 | 10,00 | NBR | BI | --- | TCS0919 | 30,00 | 72,00 | 9,50 | NBR | LI | 01182 |
| 9066 | 29,00 | 43,00 | 8,00 | FPM | LI | --- | AG7234 | 31,00 | 46,00 | 7,00 | FPM | H | --- |
| 9013 | 29,00 | 45,00 | 9,50 | NBR | LI | --- | AG7512 | 31,00 | 46,00 | 7,00 | FPM | H | --- |
| AG7769 | 29,40 | 38,10 | 4,75 | FPM | LI | --- | AG7231 | 31,00 | 46,00 | 8,00 | NBR | LI | --- |
| 6680 | 29,40 | 42,85 | 8,00 | NBR | LI | 02153 | 5839 | 31,00 | 50,00 | 8,00 | FPM PT | H | 02317 |
| 6549 | 30,00 | 37,00 | 4,00 | NBR | LI | --- | 1462 | 31,70 | 50,80 | 12,70 | NBR | LI | --- |
| TCS0380 | 30,00 | 40,00 | 5,00 | NBR | LI | --- | CX9184 | 31,75 | 44,45 | 10,00 | NBR | LI | --- |
| 4152 | 30,00 | 40,00 | 6,00 | NBR | LI | --- | 6600 | 32,00 | 42,00 | 7,00 | NBR | LI | --- |
| 6522 | 30,00 | 40,00 | 7,00 | NBR | LI | 001535 | AG7428 | 32,00 | 42,00 | 7,00 | FPM | LI | --- |
| AG7396 | 30,00 | 40,00 | 7,00 | FPM | LI | --- | 6552 | 32,00 | 42,00 | 8,00 | FPM | H | --- |
| TCS0381 | 30,00 | 42,00 | 5,00 | NBR | LI | --- | AG7514 | 32,00 | 42,00 | 8,00 | FPM | H | --- |
| AG7737 | 30,00 | 42,00 | 7,00 | NBR | LI | --- | AG7368 | 32,00 | 44,00 | 6,00 | FPM | H | 05580 |
| TCS0386 | 30,00 | 42,00 | 8,00 | NBR | LI | --- | TCS0411 | 32,00 | 44,00 | 7,00 | NBR | LI | --- |
| TCS0387 | 30,00 | 42,00 | 8,00 | FPM | LI | --- | 5643 | 32,00 | 44,00 | 8,00 | NBR | LI | --- |
| 6994 | 30,00 | 42,00 | 10,00 | NBR | LI | 02234 | CX6069 | 32,00 | 45,00 | 7,00 | NBR | LI | 02984 |

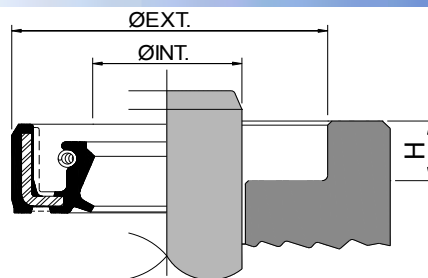
RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO, LÁBIO DE VEDAÇÃO COM MOLLA E VEDAÇÃO AUXILIAR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|-------|------|-----|-------|---------|--------|--------|-------|--------|-----|-------|
| 5704 | 32,00 | 45,00 | 9,50 | NBR | LI | --- | 3276 | 35,00 | 55,00 | 11,00 | NBR | LI | --- |
| TCS0412 | 32,00 | 46,00 | 6,00 | NBR | LI | --- | 6120 | 35,00 | 55,00 | 11,00 | FPM | H | --- |
| AG7232 | 32,00 | 46,00 | 6,00 | FPM | H | 05784 | TCS1002 | 35,00 | 56,00 | 10,00 | NBR | LI | 02224 |
| 6221 | 32,00 | 47,00 | 10,00 | NBR | BI | --- | TCS0439 | 35,00 | 60,00 | 10,00 | NBR | LI | --- |
| TCS0413 | 32,00 | 50,00 | 8,00 | NBR | LI | 00839 | AG7316 | 35,00 | 62,00 | 7,00 | NBR | LI | --- |
| TCS0414 | 32,00 | 50,00 | 10,00 | FPM | LI | --- | 9475 | 35,00 | 62,00 | 10,00 | FPM | LI | 01949 |
| TCS0239 | 32,00 | 52,00 | 6,00 | PTFE | LI | --- | AG7370 | 35,00 | 62,00 | 10,00 | NBR | LI | 01949 |
| AX0236 | 32,00 | 52,00 | 7,00 | NBR | LI | 02699 | 4701 | 35,00 | 65,00 | 12,00 | NBR | LI | --- |
| 6538 | 32,00 | 52,10 | 10,00 | NBR | LI | 00801 | TCS0437 | 35,00 | 70,00 | 8,00 | NBR | LI | --- |
| TCS0416 | 32,00 | 55,00 | 10,00 | FPM | LI | --- | 4750 | 35,00 | 80,00 | 10,00 | NBR | LI | --- |
| TCS0417 | 32,00 | 58,00 | 10,00 | NBR | LI | --- | CX9404 | 36,00 | 44,10 | 5,00 | NBR | LI | --- |
| TCS0418 | 32,00 | 62,00 | 8,00 | NBR | LI | --- | AG8140 | 36,00 | 44,10 | 5,00 | FPM | LI | --- |
| AG7229 | 33,00 | 72,30 | 9,50 | NBR | LI | --- | 4549 | 36,00 | 52,00 | 11,00 | NBR | LI | --- |
| 6173 | 34,00 | 47,00 | 7,00 | NBR | LI | --- | AG8032 | 36,00 | 56,00 | 10,00 | NBR | LI | 00615 |
| TCS0421 | 34,00 | 48,00 | 8,00 | NBR | LI | --- | TCS0104 | 36,00 | 60,00 | 9,50 | NBR | LI | 01814 |
| TCS0422 | 34,00 | 55,00 | 10,00 | FPM | LI | --- | TCS0721 | 36,00 | 63,50 | 8,00 | NBR | LI | --- |
| TCS0423 | 34,00 | 58,00 | 6,00 | NBR | LI | --- | 9916 | 36,50 | 47,60 | 6,35 | FPM | LI | --- |
| 4588 | 34,00 | 62,10 | 10,00 | NBR | LI | 01157 | TCS0440 | 36,50 | 62,00 | 7,00 | NBR | LI | --- |
| 1307 | 34,00 | 62,10 | 10,00 | FPM | LI | 01157 | 6493 | 36,60 | 50,80 | 8,00 | NBR | LI | --- |
| AG7307 | 34,90 | 57,15 | 8,00 | FPM | LI | --- | AG8307 | 36,60 | 50,80 | 8,00 | NBR | LI | --- |
| AG7910 | 34,92 | 52,00 | 6,00 | FPM | LI | --- | TCS0789 | 37,00 | 83,00 | 12,00 | NBR | LI | --- |
| 6550 | 35,00 | 45,00 | 7,00 | NBR | LI | --- | TCS1000 | 38,00 | 55,00 | 8,00 | NBR | LI | --- |
| TCS0425 | 35,00 | 45,00 | 8,00 | NBR | LI | --- | TCS0444 | 38,00 | 58,00 | 7,00 | NBR | LI | --- |
| TCS0426 | 35,00 | 45,00 | 8,00 | FPM | LI | --- | TCS0741 | 38,00 | 63,70 | 8,00 | NBR | LI | --- |
| TCS0427 | 35,00 | 46,00 | 7,00 | NBR | LI | --- | TCS0445 | 38,00 | 68,00 | 8,00 | NBR | LI | --- |
| 5611 | 35,00 | 46,45 | 6,40 | NBR | LI | 03286 | AG7306 | 38,10 | 57,15 | 9,50 | FPM | LI | --- |
| TCS0428 | 35,00 | 47,00 | 7,00 | NBR | LI | --- | 4615 | 38,10 | 63,50 | 12,70 | NBR | LI | 00019 |
| 4628 | 35,00 | 47,05 | 10,00 | NBR | LI | --- | TCS0446 | 38,89 | 53,19 | 8,00 | NBR | LI | --- |
| TCS0429 | 35,00 | 48,00 | 7,00 | NBR | LI | --- | TCS0447 | 40,00 | 50,00 | 5,00 | FPM AZ | LI | --- |
| AG7295 | 35,00 | 48,00 | 8,00 | NBR | LI | --- | TCS0448 | 40,00 | 50,00 | 7,00 | NBR | LI | --- |
| TCS0430 | 35,00 | 48,00 | 8,00 | NBR | LI | --- | TCS0449 | 40,00 | 50,00 | 8,00 | NBR | LI | --- |
| TCS0431 | 35,00 | 49,00 | 7,00 | NBR | LI | --- | TCS1001 | 40,00 | 52,00 | 6,00 | NBR | LI | 02822 |
| AG7324 | 35,00 | 50,00 | 7,00 | FPM | H | 05253 | TCS0452 | 40,00 | 52,00 | 7,00 | NBR | LI | --- |
| 4510 | 35,00 | 50,00 | 8,00 | NBR | H | 00962 | 6523 | 40,00 | 52,00 | 7,40 | NBR | LI | 01988 |
| 5840 | 35,00 | 50,00 | 9,00 | NBR | H | 00789 | TCS0120 | 40,00 | 52,00 | 8,00 | NBR | LI | --- |
| TCS0397 | 35,00 | 50,00 | 11,00 | NBR | LI | --- | TCS0119 | 40,00 | 52,00 | 8,00 | ACM | LI | 02068 |
| TCS0432 | 35,00 | 50,00 | 11,00 | FPM | LI | --- | TCS0453 | 40,00 | 54,00 | 7,00 | NBR | LI | --- |
| 4786 | 35,00 | 52,00 | 7,00 | NBR | LI | --- | 5657 | 40,00 | 55,00 | 6,00 | FPM | LI | --- |
| 1517 | 35,00 | 52,00 | 12,00 | NBR | LI | 00912 | 4513 | 40,00 | 55,00 | 8,00 | NBR | LI | 01707 |
| TCS0434 | 35,00 | 54,00 | 8,00 | NBR | LI | --- | TCS0455 | 40,00 | 56,00 | 7,00 | NBR | LI | 02031 |

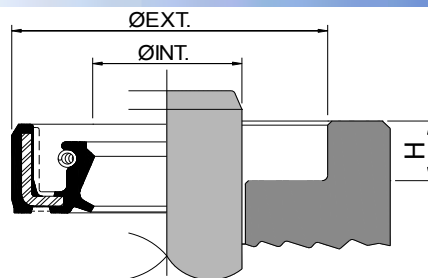
RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO, LÁBIO DE VEDAÇÃO COM MOLLA E VEDAÇÃO AUXILIAR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|-------|--------|-----|-------|---------|--------|--------|-------|-----|-----|-------|
| TCS0456 | 40,00 | 56,00 | 8,00 | NBR | LI | --- | 4672 | 44,20 | 71,45 | 14,80 | NBR | H | --- |
| CX6075 | 40,00 | 56,00 | 10,00 | NBR | LI | --- | AG7309 | 44,45 | 60,00 | 7,00 | FPM | LI | --- |
| TCS0457 | 40,00 | 58,00 | 7,00 | NBR | LI | --- | AG7308 | 44,45 | 63,50 | 9,50 | NBR | LI | --- |
| TCS0458 | 40,00 | 58,00 | 8,00 | NBR | LI | --- | 4606 | 44,50 | 62,00 | 10,00 | NBR | LI | --- |
| 3244 | 40,00 | 60,00 | 6,00 | NBR | LI | --- | 3735 | 44,50 | 63,50 | 8,00 | FPM | LI | --- |
| 4888 | 40,00 | 60,00 | 10,00 | NBR | LI | 01116 | 1780 | 44,50 | 68,20 | 15,90 | NBR | LI | 01679 |
| AX0043 | 40,00 | 60,00 | 10,00 | HNBR | LI | --- | TCS0864 | 44,50 | 70,00 | 10,00 | NBR | LI | 01656 |
| 3951 | 40,00 | 62,00 | 7,00 | NBR | LI | --- | TCS0482 | 45,00 | 55,00 | 8,00 | NBR | LI | --- |
| 5649 | 40,00 | 62,00 | 7,00 | FPM | LI | --- | AG7554 | 45,00 | 55,00 | 7,00 | NBR | LI | --- |
| 3316 | 40,00 | 62,00 | 8,00 | NBR | LI | --- | TCS0483 | 45,00 | 58,00 | 7,00 | NBR | LI | --- |
| AG7810 | 40,00 | 62,00 | 8,00 | FPM | LI | --- | CX6080 | 45,00 | 60,00 | 7,00 | NBR | LI | 02745 |
| 3277 | 40,00 | 62,00 | 10,00 | NBR | LI | 01322 | TCS0512 | 45,00 | 60,00 | 8,00 | NBR | LI | --- |
| 3508 | 40,00 | 62,00 | 11,50 | NBR | LI | 01109 | 6909 | 45,00 | 62,00 | 7,00 | NBR | LI | --- |
| AG7228 | 40,00 | 67,00 | 7,00 | FPM | LI | --- | 5724 | 45,00 | 62,00 | 7,00 | FPM | LI | --- |
| TCS0462 | 40,00 | 68,00 | 8,00 | NBR | LI | --- | TCS0514 | 45,00 | 62,00 | 8,00 | NBR | LI | --- |
| TCS0807 | 40,00 | 68,00 | 10,00 | NBR | LI | --- | TCS0515 | 45,00 | 62,00 | 8,00 | FPM | LI | --- |
| TCS0863 | 40,00 | 68,00 | 12,00 | NBR | LI | 02225 | TCS0033 | 45,00 | 62,00 | 9,00 | NBR | LI | 02110 |
| TCS1003 | 40,00 | 70,00 | 10,00 | NBR | LI | --- | TCS0516 | 45,00 | 62,00 | 9,00 | FPM | LI | --- |
| TCS0982 | 40,00 | 80,00 | 12,00 | NBR | LI | --- | AG7584 | 45,00 | 65,00 | 7,00 | FPM | LI | --- |
| AG8240 | 40,00 | 80,10 | 10,00 | NBR | LI | --- | AG7935 | 45,00 | 65,00 | 8,00 | NBR | LI | 02324 |
| 4819 | 40,00 | 80,10 | 10,00 | FPM | LI | --- | TCS0519 | 45,00 | 65,00 | 8,00 | NBR | LI | 02324 |
| TCS0933 | 40,00 | 85,00 | 10,00 | NBR | LI | --- | TCS0520 | 45,00 | 68,00 | 12,00 | NBR | LI | --- |
| TCS0958 | 40,00 | 85,00 | 12,00 | NBR | LI | --- | TCS0521 | 45,00 | 70,00 | 10,00 | NBR | LI | --- |
| TCS0464 | 40,00 | 90,00 | 8,00 | NBR | LI | --- | TCS0522 | 45,00 | 70,00 | 12,00 | NBR | LI | --- |
| TCS0811 | 40,00 | 90,00 | 10,00 | NBR | LI | --- | TCS0523 | 45,00 | 72,00 | 7,00 | NBR | LI | --- |
| TCS0465 | 40,00 | 90,00 | 10,00 | FPM | LI | --- | 4783 | 45,00 | 75,00 | 8,00 | NBR | LI | --- |
| TCS0792 | 40,08 | 82,95 | 9,92 | NBR | LI | 02675 | 4782 | 45,00 | 75,00 | 8,00 | FPM | LI | --- |
| TCS0468 | 42,00 | 60,00 | 7,00 | NBR | LI | --- | TCS1010 | 45,00 | 100,00 | 10,00 | NBR | LI | --- |
| TCS0469 | 42,00 | 62,00 | 7,00 | NBR | LI | --- | TCS0524 | 46,00 | 58,00 | 7,00 | NBR | LI | --- |
| 1554 | 42,00 | 62,00 | 7,50 | NBR | LI | --- | 3258 | 46,00 | 65,00 | 10,00 | NBR | LI | --- |
| AX0197 | 42,00 | 62,00 | 8,00 | FPM | LI | --- | AG7289 | 46,70 | 62,00 | 9,00 | FPM | LI | 05353 |
| TCS0470 | 42,00 | 62,00 | 8,00 | FPM AZ | LI | --- | AX0213 | 47,00 | 65,00 | 10,00 | NBR | LI | --- |
| TCS0471 | 42,00 | 65,00 | 7,00 | NBR | LI | --- | TCS0525 | 47,00 | 66,50 | 11,00 | MVQ | LI | --- |
| TCS0472 | 42,00 | 68,00 | 8,00 | NBR | LI | --- | TCS0526 | 47,22 | 63,50 | 6,35 | NBR | LI | --- |
| TCS0473 | 42,00 | 72,00 | 8,00 | NBR | LI | --- | 4658 | 47,60 | 63,50 | 7,94 | FPM | LI | --- |
| TCS0474 | 43,00 | 58,00 | 7,50 | NBR | LI | --- | 4663 | 47,60 | 89,85 | 12,00 | NBR | LI | --- |
| TCS0475 | 43,50 | 62,00 | 6,50 | NBR | LI | --- | TCS0952 | 48,00 | 62,00 | 7,00 | NBR | LI | --- |
| TCS0478 | 44,00 | 52,00 | 6,00 | NBR | LI | --- | 3294 | 48,00 | 62,00 | 8,00 | NBR | BI | --- |
| TCS0479 | 44,00 | 58,00 | 8,00 | NBR | LI | --- | 5278 | 48,00 | 62,00 | 8,00 | FPM | BI | --- |
| TCS0480 | 44,00 | 62,00 | 7,00 | NBR | LI | --- | TCS0527 | 48,00 | 62,00 | 8,00 | FPM | LI | --- |

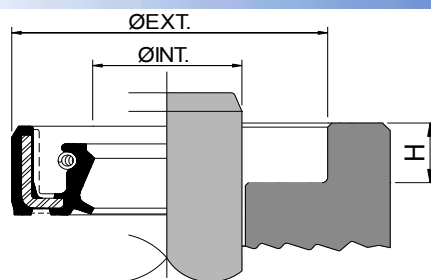
RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO, LÁBIO DE VEDAÇÃO COM MOLLA E VEDAÇÃO AUXILIAR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF |
|---------|-------|--------|-------|-----|-----|-------|---------|-------|--------|-------|-----|-----|-------|
| TCS0528 | 48,00 | 62,00 | 9,00 | NBR | LI | --- | 4498 | 55,00 | 78,00 | 12,20 | NBR | LI | --- |
| TCS0126 | 48,00 | 72,00 | 7,00 | NBR | LI | 02139 | 3854 | 55,00 | 78,00 | 12,20 | FPM | LI | --- |
| TCS0036 | 48,00 | 72,00 | 10,00 | NBR | LI | 00161 | 6968 | 55,00 | 80,00 | 8,00 | NBR | LI | 02529 |
| TCS0530 | 48,00 | 110,00 | 12,00 | NBR | LI | --- | 4418 | 55,00 | 80,00 | 10,00 | NBR | LI | --- |
| 4550 | 49,00 | 76,00 | 17,40 | NBR | LI | --- | AG7591 | 55,00 | 80,00 | 10,00 | FPM | LI | 00459 |
| 3573 | 49,20 | 68,22 | 8,00 | FPM | LI | --- | TCS0556 | 55,00 | 85,00 | 8,00 | NBR | LI | --- |
| 6542 | 49,20 | 68,22 | 8,00 | MVQ | LI | --- | 4283 | 55,00 | 90,00 | 10,00 | NBR | LI | --- |
| 4593 | 49,20 | 70,00 | 16,00 | NBR | LI | --- | 4489 | 55,00 | 90,00 | 10,00 | FPM | LI | --- |
| 4302 | 49,20 | 76,22 | 12,70 | NBR | LI | --- | AG7730 | 55,00 | 90,00 | 10,00 | FPM | LI | --- |
| 4515 | 50,00 | 65,00 | 9,00 | NBR | LI | --- | TCS0865 | 56,00 | 85,00 | 13,00 | NBR | LI | 00919 |
| TCS0532 | 50,00 | 65,00 | 9,00 | NBR | LI | --- | 4667 | 56,00 | 90,00 | 13,00 | NBR | LI | --- |
| 3256 | 50,00 | 68,00 | 9,00 | NBR | LI | 02108 | 4702 | 56,00 | 92,00 | 12,00 | NBR | LI | --- |
| CX6103 | 50,00 | 72,00 | 8,00 | NBR | LI | --- | 6813 | 57,00 | 70,00 | 5,00 | NBR | LI | --- |
| TCS0832 | 50,00 | 72,00 | 8,00 | NBR | LI | --- | AG7290 | 57,00 | 71,00 | 9,00 | FPM | LI | 05352 |
| 5725 | 50,00 | 72,00 | 8,00 | FPM | LI | --- | 3053 | 57,00 | 85,00 | 12,00 | NBR | LI | --- |
| TCS0808 | 50,00 | 72,00 | 10,00 | NBR | LI | 00834 | 4754 | 57,00 | 85,00 | 12,00 | FPM | LI | --- |
| 3317 | 50,00 | 72,00 | 12,00 | NBR | LI | 01861 | 1460 | 57,10 | 76,20 | 12,70 | NBR | LI | 0013 |
| TCS0536 | 50,00 | 80,00 | 10,00 | NBR | LI | --- | 3283 | 58,00 | 80,00 | 12,00 | NBR | H | 02326 |
| 4616 | 50,00 | 82,00 | 12,00 | FPM | H | --- | 4306 | 58,00 | 80,00 | 12,00 | FPM | H | --- |
| 4630 | 50,00 | 90,00 | 8,00 | NBR | LI | --- | TCS0560 | 59,13 | 73,03 | 7,94 | NBR | LI | --- |
| 4570 | 50,00 | 90,00 | 10,00 | NBR | LI | --- | 4585 | 59,90 | 85,60 | 17,50 | NBR | LI | --- |
| TCS0537 | 50,00 | 90,00 | 10,00 | FPM | LI | --- | TCS0160 | 59,93 | 76,20 | 11,10 | FPM | LI | 05126 |
| TCS0538 | 50,50 | 62,00 | 9,00 | NBR | LI | --- | TCS0562 | 60,00 | 72,00 | 8,00 | NBR | LI | --- |
| TCS0732 | 50,80 | 69,85 | 8,00 | NBR | LI | --- | 1546 | 60,00 | 75,00 | 8,00 | NBR | LI | --- |
| AG7230 | 52,00 | 72,00 | 7,00 | FPM | LI | --- | AG7823 | 60,00 | 75,00 | 8,00 | NBR | LI | --- |
| TCS0541 | 52,00 | 75,00 | 12,00 | NBR | LI | --- | TCS0563 | 60,00 | 75,00 | 8,00 | FPM | LI | --- |
| 4596 | 54,00 | 73,00 | 16,00 | NBR | LI | --- | TCS0564 | 60,00 | 75,00 | 8,00 | NBR | LI | --- |
| TCS0544 | 55,00 | 70,00 | 8,00 | NBR | LI | --- | AG7525 | 60,00 | 75,00 | 8,00 | FPM | LI | --- |
| TCS0545 | 55,00 | 70,00 | 9,00 | NBR | LI | --- | 4308 | 60,00 | 78,00 | 9,00 | NBR | LI | --- |
| TCS0546 | 55,00 | 70,00 | 10,00 | NBR | LI | --- | 3536 | 60,00 | 78,00 | 9,00 | FPM | LI | --- |
| AG7621 | 55,00 | 72,00 | 7,00 | FPM | LI | --- | 4902 | 60,00 | 80,00 | 8,00 | NBR | LI | --- |
| TCS0547 | 55,00 | 72,00 | 8,00 | FPM | LI | --- | AG8185 | 60,00 | 80,00 | 10,00 | NBR | LI | --- |
| TCS0549 | 55,00 | 72,00 | 9,00 | NBR | LI | 02111 | TCS0934 | 60,00 | 80,00 | 12,00 | FPM | LI | --- |
| 6881 | 55,00 | 72,00 | 10,00 | NBR | LI | 01550 | 4847 | 60,00 | 80,00 | 8,50 | NBR | LI | --- |
| TCS0550 | 55,00 | 72,00 | 10,00 | NBR | LI | --- | AG4848 | 60,00 | 80,00 | 8,50 | NBR | LI | --- |
| 4460 | 55,00 | 72,00 | 10,00 | FPM | LI | --- | TCS0568 | 60,00 | 82,00 | 12,00 | NBR | LI | 01841 |
| TCS0552 | 55,00 | 75,00 | 8,00 | NBR | LI | --- | TCS0567 | 60,00 | 82,00 | 12,00 | FPM | LI | --- |
| TCS0553 | 55,00 | 75,00 | 9,00 | NBR | LI | --- | AG8226 | 60,00 | 85,00 | 8,00 | FPM | LI | --- |
| 4605 | 55,00 | 75,00 | 10,00 | NBR | LI | 00804 | TCS0740 | 60,00 | 90,00 | 8,00 | NBR | LI | 02685 |
| TCS0555 | 55,00 | 78,00 | 12,00 | NBR | LI | --- | TCS1009 | 60,00 | 90,00 | 8,00 | FPM | LI | --- |

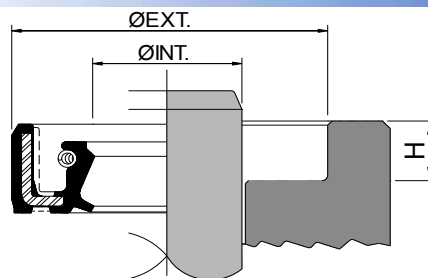
RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO, LÁBIO DE VEDAÇÃO COM MOLLA E VEDAÇÃO AUXILIAR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF |
|---------|-------|--------|-------|-----|-----|--------|---------|--------|--------|-------|-----|-----|----------|
| 1081 | 60,00 | 90,00 | 10,00 | NBR | LI | 00517 | TCS0595 | 75,00 | 100,00 | 13,00 | NBR | LI | --- |
| 1748 | 60,00 | 90,00 | 10,00 | FPM | LI | 00517F | 4622 | 75,90 | 95,00 | 11,30 | NBR | LI | --- |
| TCS1004 | 60,00 | 90,00 | 12,00 | NBR | LI | --- | 4551 | 78,00 | 100,00 | 13,00 | NBR | LI | --- |
| 3027 | 60,30 | 82,50 | 11,00 | MVQ | LI | --- | 3003 | 78,00 | 100,00 | 13,00 | MVQ | H | 01917 |
| 5352 | 60,30 | 82,55 | 11,10 | FPM | H | --- | AX0194 | 79,00 | 110,00 | 10,00 | NBR | LI | --- |
| 6980 | 62,00 | 85,00 | 8,00 | NBR | LI | --- | TCS0722 | 79,00 | 110,00 | 10,00 | NBR | LI | --- |
| AG7793 | 63,00 | 90,00 | 8,00 | NBR | LI | --- | TCS0599 | 79,30 | 99,00 | 10,00 | MVQ | LI | --- |
| 4603 | 63,00 | 90,00 | 15,00 | NBR | LI | --- | TCS0600 | 80,00 | 95,00 | 9,00 | NBR | LI | --- |
| AX0015 | 63,60 | 85,60 | 17,50 | NBR | LI | --- | TCS0601 | 80,00 | 96,00 | 9,00 | NBR | LI | --- |
| TCS0573 | 65,00 | 80,00 | 12,00 | NBR | LI | --- | 3796 | 80,00 | 100,00 | 10,00 | NBR | BI | --- |
| 6970 | 65,00 | 85,00 | 10,00 | NBR | LI | 02530 | 4631 | 80,00 | 100,00 | 10,00 | FPM | BI | --- |
| TCS0574 | 65,00 | 85,00 | 10,00 | FPM | LI | --- | TCS0603 | 80,00 | 100,00 | 12,00 | NBR | LI | 02661 |
| AX0223 | 65,00 | 85,00 | 13,00 | NBR | LI | --- | TCS0604 | 80,00 | 100,00 | 13,00 | FPM | LI | --- |
| TCS0575 | 65,00 | 85,00 | 13,00 | NBR | LI | --- | TCS0605 | 80,00 | 105,00 | 10,00 | NBR | LI | --- |
| 3835 | 65,00 | 90,00 | 10,00 | NBR | LI | --- | TCS0606 | 80,00 | 105,00 | 12,00 | NBR | LI | --- |
| TCS0742 | 65,00 | 100,00 | 8,00 | NBR | LI | --- | AG7582 | 80,00 | 105,00 | 13,00 | FPM | LI | --- |
| 3887 | 66,70 | 89,50 | 10,00 | FPM | H | --- | TCS0607 | 80,00 | 110,00 | 10,00 | NBR | LI | --- |
| 3712 | 69,80 | 92,00 | 14,20 | NBR | LI | 00891 | 4685 | 80,00 | 110,00 | 12,00 | NBR | LI | 00900 |
| 6551 | 70,00 | 85,00 | 8,00 | NBR | LI | 02677 | AG7026 | 85,00 | 100,00 | 9,00 | NBR | LI | --- |
| AG7923 | 70,00 | 85,00 | 8,00 | FPM | LI | 02677 | TCS0608 | 85,00 | 100,00 | 12,00 | NBR | LI | --- |
| TCS0579 | 70,00 | 88,00 | 12,00 | NBR | LI | --- | TCS0134 | 85,00 | 105,00 | 12,00 | FPM | LI | 02283 |
| 3255 | 70,00 | 90,00 | 10,00 | NBR | LI | 01135 | 1959 | 85,00 | 110,00 | 12,00 | NBR | LI | 01767 BR |
| AG8340 | 70,00 | 90,00 | 10,00 | FPM | LI | --- | TCS0846 | 85,00 | 125,00 | 10,00 | NBR | LI | --- |
| TCS0582 | 70,00 | 90,00 | 12,00 | NBR | LI | --- | TCS0112 | 85,70 | 114,20 | 11,20 | NBR | LI | 01912 |
| TCS0790 | 70,00 | 90,00 | 13,00 | NBR | LI | 00490 | 4602 | 89,80 | 123,80 | 17,00 | NBR | LI | --- |
| TCS0583 | 70,00 | 92,00 | 12,00 | NBR | LI | --- | TCS0610 | 90,00 | 110,00 | 10,00 | NBR | LI | --- |
| TCS0584 | 70,00 | 95,00 | 12,00 | NBR | LI | --- | TCS0611 | 90,00 | 110,00 | 12,00 | NBR | LI | 02574 |
| TCS0107 | 70,00 | 95,00 | 13,00 | NBR | LI | 01879 | TCS0612 | 90,00 | 115,00 | 13,00 | NBR | LI | --- |
| 4638 | 70,00 | 100,00 | 10,00 | NBR | LI | 00866 | TCS0613 | 90,00 | 120,00 | 12,00 | FPM | LI | 02571 |
| TCS0585 | 70,00 | 100,00 | 10,00 | NBR | LI | --- | 3534 | 90,00 | 120,00 | 13,00 | NBR | LI | 00497 |
| TCS0586 | 70,00 | 110,00 | 8,00 | NBR | LI | --- | 5610 | 90,00 | 120,00 | 13,00 | FPM | LI | 00497 |
| TCS0327 | 70,00 | 120,00 | 10,00 | NBR | LI | --- | TCS0847 | 95,00 | 110,00 | 12,00 | NBR | LI | --- |
| TCS0587 | 70,00 | 125,00 | 12,00 | NBR | LI | --- | 4244 | 95,00 | 120,00 | 12,00 | FPM | LI | --- |
| 4484 | 72,00 | 95,00 | 10,00 | NBR | LI | --- | 4128 | 95,00 | 120,00 | 13,00 | NBR | LI | --- |
| TCS0588 | 75,00 | 90,00 | 8,00 | NBR | LI | --- | 4799 | 95,30 | 114,25 | 11,00 | FPM | LI | --- |
| TCS0589 | 75,00 | 90,00 | 10,00 | NBR | LI | 02451 | TCS0725 | 98,00 | 130,00 | 12,00 | NBR | LI | --- |
| TCS0590 | 75,00 | 92,00 | 12,00 | NBR | LI | --- | TCS0619 | 100,00 | 120,00 | 10,00 | NBR | LI | --- |
| TCS0879 | 75,00 | 95,00 | 10,00 | NBR | LI | 02531 | TCS0621 | 100,00 | 120,00 | 12,00 | NBR | LI | 01375 |
| TCS0155 | 75,00 | 95,00 | 13,00 | NBR | LI | 02753 | 6973 | 100,00 | 125,00 | 12,00 | NBR | LI | 01549 |
| TCS0861 | 75,00 | 100,00 | 10,00 | NBR | LI | 00609 | TCS0623 | 100,00 | 125,00 | 13,00 | NBR | LI | --- |

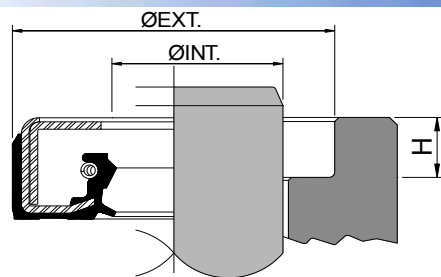
RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO, LÁBIO DE VEDAÇÃO COM MOLLA E VEDAÇÃO AUXILIAR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|-------|--------|-----|-------|---------|--------|--------|-------|-----|-----|-----|
| 4613 | 100,00 | 130,00 | 12,00 | NBR | LI | 01721 | TCS0717 | 136,00 | 158,00 | 12,00 | NBR | LI | --- |
| TCS0625 | 100,00 | 130,00 | 13,00 | NBR | LI | 01974 | TCS0739 | 140,00 | 160,00 | 12,00 | NBR | LI | --- |
| TCS0738 | 100,00 | 140,00 | 13,00 | NBR | LI | --- | TCS0647 | 140,00 | 160,00 | 14,00 | NBR | LI | --- |
| TCS0626 | 100,00 | 180,00 | 12,00 | NBR | LI | --- | 3994 | 140,00 | 165,00 | 12,00 | NBR | LI | --- |
| TCS0627 | 105,00 | 130,00 | 12,00 | FPM | LI | 02985 | TCS0649 | 140,00 | 170,00 | 15,00 | NBR | LI | --- |
| TCS0628 | 105,00 | 150,00 | 14,00 | NBR | LI | --- | TCS0648 | 140,00 | 170,00 | 15,00 | FPM | LI | --- |
| TCS0724 | 107,00 | 140,00 | 13,00 | NBR | LI | --- | TCS0650 | 145,00 | 170,00 | 12,00 | NBR | LI | --- |
| TCS0629 | 107,95 | 152,40 | 12,70 | NBR | LI | --- | TCS0651 | 145,00 | 170,00 | 13,00 | NBR | LI | --- |
| TCS0630 | 110,00 | 130,00 | 12,00 | NBR | LI | --- | TCS0652 | 145,00 | 180,00 | 12,00 | FPM | LI | --- |
| 4210 | 110,00 | 130,00 | 13,00 | MVQ | AH | 00803 | TCS0932 | 160,00 | 180,00 | 15,00 | NBR | LI | --- |
| TCS0631 | 110,00 | 135,00 | 12,00 | NBR | LI | --- | TCS0654 | 160,00 | 190,00 | 14,00 | FPM | LI | --- |
| TCS0632 | 110,00 | 140,00 | 12,00 | NBR | LI | --- | TCS0735 | 160,00 | 190,00 | 15,00 | NBR | LI | --- |
| TCS0818 | 110,00 | 140,00 | 13,00 | NBR | LI | --- | TCS0655 | 160,00 | 190,00 | 15,00 | FPM | LI | --- |
| TCS0633 | 110,00 | 140,00 | 13,00 | FPM | LI | --- | TCS0656 | 165,00 | 200,00 | 15,00 | FPM | LI | --- |
| TCS0634 | 110,00 | 140,00 | 14,00 | NBR | LI | --- | | | | | | | |
| TCS0635 | 110,00 | 140,00 | 14,00 | FPM | LI | --- | | | | | | | |
| TCS0992 | 110,00 | 160,00 | 12,00 | NBR | LI | --- | | | | | | | |
| TCS0636 | 114,30 | 152,40 | 12,70 | NBR | LI | --- | | | | | | | |
| TCS0638 | 118,00 | 150,00 | 12,00 | NBR | LI | --- | | | | | | | |
| 4859 | 120,00 | 140,00 | 13,00 | FPM | LI | --- | | | | | | | |
| 4247 | 120,00 | 150,00 | 12,00 | FPM | LI | --- | | | | | | | |
| 4957 | 120,00 | 150,00 | 13,00 | NBR | LI | --- | | | | | | | |
| TCS0640 | 120,00 | 150,00 | 14,00 | FPM | LI | --- | | | | | | | |
| TCS0641 | 120,00 | 150,00 | 14,00 | NBR | LI | --- | | | | | | | |
| TCS0979 | 120,00 | 160,00 | 12,00 | NBR | LI | --- | | | | | | | |
| 4410 | 122,20 | 140,80 | 11,80 | MVQ | AH | 02115 | | | | | | | |
| 4417 | 122,20 | 140,80 | 11,80 | FPM | AH | 02612 | | | | | | | |
| 3002 | 122,20 | 140,80 | 11,80 | MVQ | AH | --- | | | | | | | |
| 3727 | 122,20 | 140,80 | 12,00 | FPM | AH | 02449 | | | | | | | |
| 4248 | 125,00 | 150,00 | 12,00 | FPM | LI | 02868 | | | | | | | |
| 4670 | 125,00 | 150,00 | 13,00 | NBR | BI | 02868 | | | | | | | |
| TCS0642 | 125,00 | 155,00 | 14,00 | NBR | LI | --- | | | | | | | |
| TCS0980 | 130,00 | 160,00 | 13,00 | NBR | LI | --- | | | | | | | |
| TCS0643 | 130,00 | 160,00 | 13,00 | MVQ VR | LI | --- | | | | | | | |
| TCS0645 | 130,00 | 160,00 | 14,00 | NBR | LI | --- | | | | | | | |
| TCS0121 | 130,00 | 160,00 | 14,00 | MVQ | LI | 02069 | | | | | | | |
| 4411 | 133,30 | 158,75 | 11,00 | MVQ | AH | --- | | | | | | | |
| 1918 | 133,30 | 158,75 | 12,70 | MVQ | AH | 01972 | | | | | | | |
| 3271 | 133,35 | 158,75 | 11,00 | FPM | AH | --- | | | | | | | |
| TCS0646 | 135,00 | 165,00 | 14,00 | NBR | LI | --- | | | | | | | |

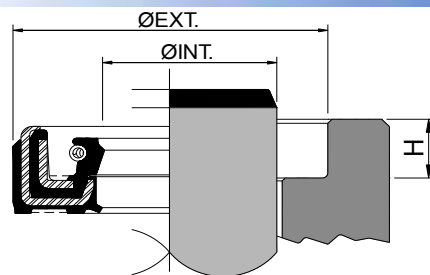
RETENTOR BLINDADO COM REVESTIMENTO EXTERNO EM ELASTÔMERO, LÁBIO DE VEDAÇÃO COM MOLLA E VEDAÇÃO AUXILIAR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 9467 | 38,00 | 58,00 | 12,00 | NBR | LI | --- | | | | | | | |
| 6963 | 45,00 | 68,00 | 12,00 | NBR | LI | --- | | | | | | | |
| 9383 | 50,00 | 72,00 | 12,00 | NBR | LI | --- | | | | | | | |
| AG7310 | 55,00 | 78,00 | 12,00 | FPM | LI | --- | | | | | | | |

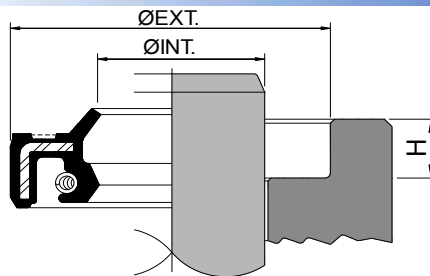
RETENTOR BLINDADO COM REVESTIMENTO EXTERNO EM ELASTÔMERO, LÁBIO DE VEDAÇÃO COM MOLLA E VEDAÇÃO AUXILIAR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| AG8028 | 44,45 | 63,50 | 9,50 | FPM | LI | --- | | | | | | | |

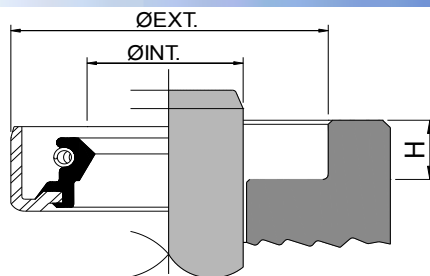
RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO, LÁBIO DE VEDAÇÃO COM MOLLA E VEDAÇÃO AUXILIAR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H 1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H 1 / H2 | MAT | ORI | REF |
|---------|--------|--------|----------|------|-----|-----|---------|--------|--------|----------|-----|-----|-------|
| CX7877 | 18,75 | 30,00 | 5,30/7,3 | HNBR | LI | --- | TCS0077 | 46,00 | 76,20 | 9,5/12,7 | NBR | LI | 01049 |
| TCS0998 | 19,00 | 38,10 | 6,5/9,0 | NBR | LI | --- | | | | | | | |
| CX9362 | 20,00 | 41,30 | 6,5/9,0 | NBR | LI | --- | | | | | | | |
| TCS0785 | 22,30 | 32,20 | 5,0/7,0 | NBR | LI | --- | | | | | | | |
| TCS0758 | 23,50 | 32,50 | 5,3/6,0 | NBR | LI | --- | | | | | | | |
| 5516 | 25,50 | 40,00 | 7,0/10,0 | NBR | LI | --- | | | | | | | |

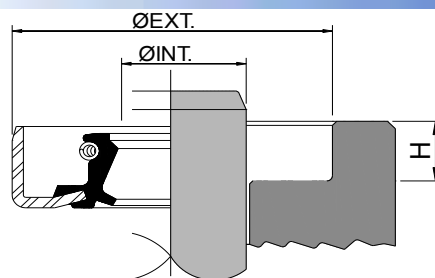
RETENTOR COM CARÇA METÁLICA EXPOSTA E LÁBIO DE VEDAÇÃO COM MOLA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|-------|----------|-----|-------|---------|--------|--------|-------|-----|-----|-------|
| TCS0883 | 10,00 | 25,50 | 6,30 | NBR | LI | --- | 5609 | 28,60 | 41,30 | 6,30 | NBR | LI | 02355 |
| TCS0882 | 10,00 | 27,00 | 6,70 | NBR | LI | --- | 3012 | 28,60 | 41,30 | 9,40 | NBR | LI | 01962 |
| 6505 | 12,00 | 18,00 | 6,00 | NBR | LI | --- | 6383 | 28,60 | 47,60 | 6,35 | FPM | LI | --- |
| 9792 | 12,00 | 18,00 | 6,00 | FPM/INOX | LI | --- | 9576 | 30,00 | 37,00 | 4,00 | NBR | LI | 02096 |
| TCS0887 | 12,00 | 25,00 | 7,00 | NBR | LI | --- | 9589 | 30,00 | 37,00 | 4,00 | FPM | LI | --- |
| TCS0886 | 12,00 | 26,00 | 7,00 | NBR | LI | --- | 1502 | 30,00 | 42,95 | 9,50 | NBR | LI | 00813 |
| TCS0089 | 12,00 | 32,00 | 7,00 | NBR | LI | 01445 | 1500 | 30,00 | 46,40 | 10,00 | NBR | LI | 01831 |
| TCS0208 | 12,65 | 20,35 | 6,00 | NBR | LI | --- | TCS0405 | 31,00 | 43,00 | 6,00 | NBR | LI | --- |
| TCS0885 | 12,70 | 27,00 | 6,50 | NBR | LI | --- | TCS0408 | 31,75 | 43,00 | 6,00 | NBR | LI | --- |
| TCS0884 | 12,70 | 28,50 | 6,50 | NBR | LI | --- | TCS0085 | 32,00 | 44,00 | 9,00 | NBR | LI | 01370 |
| TCS0225 | 15,00 | 24,00 | 7,00 | NBR | LI | 01816 | 6482 | 32,76 | 50,80 | 7,90 | NBR | LI | --- |
| TCS0232 | 15,00 | 30,00 | 7,00 | NBR | LI | --- | TCS0124 | 34,90 | 50,85 | 8,30 | NBR | LI | 02102 |
| AG7501 | 15,00 | 32,00 | 7,00 | NBR | LI | --- | 6384 | 34,90 | 52,40 | 8,00 | FPM | LI | --- |
| TCS0928 | 16,00 | 28,00 | 7,00 | NBR | LI | 00980 | 4440 | 34,93 | 53,97 | 7,94 | NBR | LI | --- |
| 3899 | 17,00 | 35,00 | 8,00 | NBR | LI | --- | TCS0049 | 35,00 | 47,00 | 7,00 | NBR | LI | 00485 |
| TCS0001 | 17,00 | 36,00 | 6,60 | FPM | LI | --- | 6965 | 36,00 | 54,00 | 7,00 | NBR | LI | 02099 |
| TCS0929 | 19,00 | 31,90 | 7,00 | NBR | LI | 00798 | TCS0925 | 38,00 | 57,00 | 7,00 | NBR | LI | 01657 |
| TCS0279 | 19,05 | 25,40 | 3,18 | FPM | LI | --- | TCS0146 | 38,10 | 47,60 | 6,50 | NBR | LI | --- |
| 1478 | 19,05 | 31,75 | 8,00 | NBR | LI | --- | 3392 | 38,10 | 55,55 | 9,00 | NBR | LI | --- |
| TCS0157 | 20,00 | 31,00 | 7,00 | NBR | LI | 03013 | 1931 | 38,10 | 63,50 | 8,00 | NBR | LI | --- |
| TCS0930 | 20,00 | 32,00 | 5,00 | NBR | LI | 00767 | TCS0467 | 42,00 | 55,00 | 7,00 | NBR | LI | --- |
| 4520 | 20,00 | 35,00 | 6,00 | NBR | LI | 00715 | TCS0899 | 42,80 | 68,15 | 10,70 | NBR | LI | 00533 |
| CX9147 | 20,00 | 36,00 | 6,50 | NBR | H | --- | 5943 | 44,00 | 55,00 | 7,00 | NBR | LI | --- |
| TCS0122 | 20,00 | 38,00 | 6,50 | NBR | LI | --- | 1901 | 44,50 | 54,00 | 4,80 | NBR | LI | 00749 |
| TCS0931 | 22,00 | 31,90 | 5,00 | NBR | LI | 00769 | TCS0253 | 44,80 | 61,40 | 12,00 | NBR | LI | 00012 |
| TCS0308 | 22,00 | 32,00 | 7,00 | NBR | LI | --- | TCS0511 | 45,00 | 60,00 | 6,00 | NBR | LI | --- |
| 5604 | 22,20 | 31,70 | 6,00 | NBR | LI | 02357 | TCS0918 | 45,00 | 72,00 | 10,00 | NBR | LI | --- |
| AG7914 | 24,60 | 44,45 | 7,90 | NBR | LI | --- | AG7800 | 47,62 | 66,67 | 11,10 | FPM | LI | --- |
| 3110 | 25,00 | 35,00 | 7,00 | NBR | LI | 01543 | 1465 | 48,00 | 61,00 | 6,50 | NBR | LI | --- |
| TCS0335 | 25,00 | 38,00 | 6,00 | NBR | LI | --- | TCS0531 | 49,00 | 62,00 | 7,00 | NBR | LI | --- |
| TCS0336 | 25,00 | 38,00 | 6,00 | FPM | LI | --- | 1405 | 49,20 | 76,10 | 12,70 | FPM | LI | 00185 |
| TCS0068 | 25,00 | 42,00 | 8,00 | NBR | LI | 00925 | 1449 | 49,20 | 68,25 | 12,70 | MVQ | LI | --- |
| TCS0344 | 25,00 | 43,00 | 6,00 | NBR | LI | --- | 4604 | 49,20 | 68,30 | 8,00 | MVQ | LI | --- |
| TCS0087 | 25,00 | 45,00 | 7,00 | NBR | LI | 01397 | 3108 | 50,00 | 60,00 | 7,00 | NBR | LI | --- |
| AG7383 | 25,40 | 34,95 | 6,40 | NBR | H | 02032 | 1456 | 50,00 | 70,00 | 9,00 | NBR | LI | --- |
| TCS0358 | 25,40 | 38,10 | 6,35 | NBR | LI | --- | 1459 | 50,00 | 80,00 | 10,00 | NBR | LI | --- |
| AG7199 | 25,40 | 47,60 | 6,35 | NBR | LI | --- | 1466 | 54,00 | 77,80 | 12,70 | MVQ | LI | 00006 |
| TCS0894 | 26,00 | 43,15 | 10,00 | NBR | LI | --- | 3109 | 55,00 | 68,00 | 7,00 | NBR | LI | --- |
| CX8590 | 26,50 | 34,80 | 4,80 | NBR | LI | --- | 4455 | 55,00 | 80,00 | 10,00 | NBR | LI | --- |
| 9422 | 27,00 | 38,10 | 6,40 | NBR | LI | 00285 | 4364 | 63,50 | 82,55 | 15,20 | NBR | LI | --- |

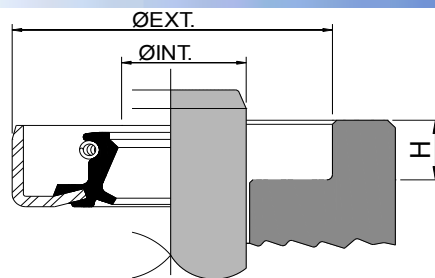
**RETENTOR COM CARÇA METÁLICA EXPOSTA,
VEDAÇÃO AUXILIAR E LÁBIO DE VEDAÇÃO
COM MOLLA**



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|-------|-----|-----|-------|---------|--------|--------|-------|-----|-----|-------|
| TCS0810 | 12,00 | 20,00 | 5,00 | NBR | LI | 02689 | 3351 | 25,40 | 39,70 | 6,50 | NBR | LI | --- |
| 9938 | 12,00 | 22,00 | 7,00 | NBR | LI | 00289 | AG7287 | 25,40 | 42,80 | 7,90 | NBR | LI | --- |
| TCS0210 | 12,70 | 25,40 | 6,35 | NBR | LI | 01966 | 5477 | 27,00 | 42,70 | 7,90 | FPM | LI | 01724 |
| TCS0796 | 14,00 | 24,00 | 7,00 | NBR | LI | 01389 | 5755 | 27,00 | 42,90 | 7,90 | NBR | LI | --- |
| TCS0004 | 15,00 | 28,00 | 6,30 | NBR | LI | --- | 5605 | 28,00 | 41,00 | 6,30 | NBR | LI | --- |
| 6342 | 15,00 | 28,00 | 7,00 | NBR | LI | 00916 | 6966 | 28,00 | 41,00 | 6,60 | FPM | LI | --- |
| TCS0798 | 15,00 | 30,00 | 8,00 | NBR | LI | 00766 | AG7564 | 28,00 | 47,00 | 10,00 | NBR | LI | 00262 |
| TCS0927 | 15,00 | 35,00 | 7,00 | NBR | LI | 01959 | 6964 | 28,60 | 38,10 | 6,50 | NBR | LI | 01964 |
| TCS0242 | 15,88 | 31,75 | 6,35 | NBR | LI | --- | TCS0382 | 30,00 | 42,00 | 6,00 | NBR | LI | --- |
| 9804 | 15,90 | 22,20 | 4,30 | NBR | LI | 02335 | TCS0063 | 30,00 | 42,00 | 7,00 | NBR | LI | 00847 |
| TCS0794 | 16,00 | 22,10 | 6,40 | NBR | LI | 01576 | 4557 | 30,00 | 52,00 | 7,00 | NBR | H | 02006 |
| TCS0679 | 16,00 | 30,00 | 6,00 | NBR | LI | --- | TCS0400 | 30,00 | 55,00 | 7,00 | NBR | LI | --- |
| TCS0592 | 16,00 | 30,00 | 6,30 | NBR | LI | --- | 4514 | 30,00 | 62,00 | 10,00 | NBR | LI | 01273 |
| 5514 | 17,00 | 25,00 | 4,00 | NBR | LI | --- | TCS0404 | 30,00 | 72,00 | 7,00 | NBR | LI | --- |
| AG7748 | 17,00 | 28,00 | 7,00 | NBR | LI | 00508 | TCS0406 | 31,00 | 43,00 | 6,00 | FPM | LI | --- |
| TCS0684 | 17,00 | 32,00 | 7,00 | NBR | LI | --- | TCS0118 | 31,70 | 50,80 | 11,10 | NBR | LI | --- |
| CX9508 | 17,00 | 34,00 | 7,00 | ACM | LI | 01916 | TCS0842 | 31,75 | 42,86 | 7,94 | NBR | LI | 1630 |
| TCS0858 | 17,00 | 34,00 | 8,00 | NBR | LI | --- | TCS0409 | 31,75 | 50,80 | 12,27 | NBR | LI | --- |
| AG7342 | 17,40 | 28,50 | 6,35 | NBR | LI | --- | TCS0410 | 32,00 | 42,00 | 6,00 | NBR | LI | --- |
| CX9755 | 18,00 | 31,70 | 6,30 | NBR | H | --- | AG7128 | 32,00 | 42,00 | 7,00 | NBR | LI | 01310 |
| TCS0685 | 18,00 | 34,00 | 8,00 | NBR | LI | --- | TCS0129 | 32,00 | 65,00 | 13,00 | NBR | LI | --- |
| 5187 | 19,00 | 31,70 | 6,30 | NBR | LI | --- | TCS0128 | 32,00 | 65,00 | 13,00 | ACM | LI | 02184 |
| 1474 | 19,00 | 31,75 | 11,00 | NBR | LI | --- | AG7007 | 32,50 | 50,80 | 8,00 | NBR | LI | --- |
| 1501 | 19,00 | 35,00 | 7,00 | NBR | LI | --- | 5479 | 32,80 | 50,80 | 8,00 | NBR | LI | --- |
| TCS0280 | 19,05 | 33,35 | 7,94 | NBR | LI | --- | AG7318 | 32,80 | 50,80 | 8,00 | FPM | LI | --- |
| TCS0719 | 19,05 | 33,36 | 7,94 | NBR | LI | --- | TCS0106 | 33,00 | 52,00 | 12,00 | NBR | LI | --- |
| TCS0797 | 20,00 | 30,00 | 7,00 | NBR | LI | 01935 | AG7060 | 34,90 | 54,00 | 7,90 | NBR | LI | --- |
| 6269 | 20,70 | 34,85 | 11,90 | NBR | LI | 01254 | AG7765 | 34,90 | 54,00 | 7,90 | FPM | LI | --- |
| 1503 | 22,00 | 35,00 | 7,00 | NBR | LI | --- | 6154 | 34,90 | 57,40 | 6,50 | NBR | LI | --- |
| TCS0866 | 22,00 | 35,00 | 10,00 | NBR | LI | 00118 | AG7565 | 35,00 | 44,50 | 7,00 | NBR | LI | 01502 |
| 5599 | 22,20 | 34,92 | 6,30 | NBR | LI | --- | 1927 | 35,00 | 50,00 | 12,00 | NBR | LI | --- |
| TCS0017 | 23,00 | 43,00 | 8,50 | NBR | LI | --- | 3391 | 35,00 | 50,80 | 7,00 | NBR | LI | --- |
| AG7006 | 24,00 | 38,00 | 6,30 | NBR | LI | --- | TCS0800 | 35,00 | 62,00 | 12,00 | NBR | LI | 02091 |
| TCS0688 | 24,00 | 43,00 | 8,50 | NBR | LI | --- | TCS0074 | 35,50 | 58,20 | 12,00 | NBR | LI | 01004 |
| TCS0059 | 25,00 | 35,00 | 10,00 | NBR | LI | 00788 | TCS0443 | 38,00 | 52,00 | 7,00 | NBR | LI | --- |
| TCS0799 | 25,00 | 40,00 | 7,00 | NBR | LI | 02062 | AG7654 | 38,10 | 50,80 | 8,00 | NBR | LI | --- |
| TCS0346 | 25,00 | 43,00 | 8,00 | NBR | LI | --- | TCS0032 | 38,10 | 60,33 | 12,70 | NBR | LI | 00049 |
| 6264 | 25,40 | 38,10 | 6,30 | NBR | LI | 01356 | 4689 | 39,20 | 66,65 | 7,90 | NBR | LI | --- |
| 9266 | 25,40 | 38,10 | 7,90 | NBR | LI | --- | 4690 | 39,70 | 60,30 | 7,90 | NBR | LI | --- |
| TCS0793 | 25,40 | 38,10 | 9,92 | NBR | LI | 00141 | TCS0454 | 40,00 | 55,00 | 6,50 | NBR | LI | --- |

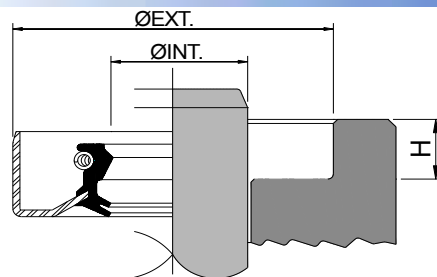
**RETENTOR COM CARÇAÇA METÁLICA EXPOSTA,
VEDAÇÃO AUXILIAR E LÁBIO DE VEDAÇÃO
COM MOLLA**



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|-------|-----|-----|-------|---------|--------|--------|-------|-----|-----|-------|
| TCS0156 | 40,00 | 55,00 | 8,00 | NBR | LI | 02972 | 1936 | 55,00 | 80,00 | 13,00 | NBR | LI | 00498 |
| 1930 | 40,00 | 56,00 | 9,00 | NBR | LI | 01265 | TCS0896 | 55,00 | 90,00 | 10,00 | NBR | LI | 00793 |
| TCS0083 | 40,00 | 65,00 | 12,00 | NBR | LI | 01266 | TCS0140 | 55,40 | 76,15 | 12,70 | NBR | LI | 02415 |
| TCS0801 | 40,00 | 72,00 | 12,00 | NBR | LI | 01602 | 4679 | 55,60 | 107,95 | 12,70 | NBR | LI | --- |
| TCS0900 | 41,10 | 49,30 | 6,50 | NBR | LI | 01963 | 3295 | 57,15 | 76,20 | 9,50 | FPM | LI | --- |
| TCS0158 | 41,10 | 50,70 | 6,35 | NBR | LI | --- | 4526 | 57,20 | 73,00 | 8,00 | NBR | BI | 02066 |
| TCS0078 | 41,10 | 65,40 | 13,00 | NBR | LI | 01100 | TCS0123 | 58,00 | 75,00 | 12,00 | NBR | LI | 02100 |
| 1054 | 41,30 | 49,20 | 6,00 | NBR | LI | 01963 | TCS0559 | 58,00 | 80,00 | 10,00 | NBR | LI | --- |
| AX0036 | 41,30 | 54,00 | 6,50 | NBR | BI | 02879 | TCS0102 | 58,00 | 85,00 | 13,00 | NBR | LI | 01798 |
| AG7656 | 41,30 | 60,30 | 9,50 | NBR | LI | --- | 4327 | 60,00 | 80,00 | 12,00 | NBR | LI | 01392 |
| TCS0729 | 41,40 | 70,60 | 7,90 | NBR | LI | 01931 | 1886 | 60,00 | 80,00 | 12,00 | FPM | LI | 01392 |
| TCS0476 | 43,66 | 65,05 | 12,70 | NBR | LI | --- | 4675 | 60,00 | 80,00 | 13,00 | NBR | LI | --- |
| 4525 | 44,00 | 80,00 | 12,00 | NBR | LI | --- | 6969 | 60,00 | 90,00 | 13,00 | NBR | LI | --- |
| TCS0079 | 44,20 | 71,45 | 14,80 | NBR | LI | 01119 | 1666 | 60,30 | 79,35 | 9,50 | NBR | H | 02077 |
| TCS0152 | 44,40 | 63,50 | 12,70 | NBR | LI | --- | AG8241 | 60,30 | 79,40 | 12,00 | NBR | LI | --- |
| 4671 | 44,45 | 63,50 | 12,70 | NBR | BI | 02580 | TCS0130 | 60,30 | 79,40 | 12,00 | NBR | LI | --- |
| AG8548 | 44,45 | 63,50 | 12,70 | FPM | BI | --- | TCS0044 | 60,30 | 92,00 | 12,00 | NBR | LI | 00334 |
| AG7655 | 44,45 | 69,85 | 8,00 | NBR | LI | --- | TCS0844 | 60,33 | 82,55 | 11,11 | ACM | LI | 02116 |
| AG7658 | 44,45 | 76,20 | 8,00 | NBR | LI | --- | 4538 | 62,00 | 100,00 | 12,00 | NBR | LI | --- |
| TCS0038 | 44,70 | 61,20 | 9,50 | NBR | LI | 00222 | 4594 | 62,00 | 100,05 | 17,00 | NBR | LI | 01425 |
| TCS0843 | 45,00 | 62,00 | 7,00 | NBR | LI | 02169 | TCS0132 | 63,50 | 83,80 | 9,00 | NBR | LI | 02211 |
| TCS0082 | 45,00 | 68,00 | 12,00 | NBR | LI | --- | 3581 | 63,50 | 88,90 | 12,70 | NBR | LI | 00120 |
| 3353 | 47,60 | 66,70 | 8,00 | NBR | LI | --- | TCS0116 | 64,00 | 80,00 | 8,00 | ACM | LI | 02004 |
| 4632 | 47,62 | 69,85 | 7,90 | NBR | LI | --- | 4434 | 65,00 | 90,00 | 13,00 | NBR | LI | 00164 |
| 4899 | 47,62 | 69,85 | 7,90 | MVQ | LI | --- | TCS0150 | 68,00 | 85,00 | 10,00 | FPM | LI | 02556 |
| 1933 | 49,00 | 65,00 | 10,00 | NBR | LI | 01241 | 1547 | 68,00 | 90,00 | 10,00 | NBR | LI | 00228 |
| 1934 | 49,00 | 68,00 | 12,00 | NBR | LI | 01262 | TCS0050 | 68,00 | 90,00 | 13,00 | NBR | LI | 00500 |
| TCS0534 | 50,00 | 70,00 | 9,00 | NBR | LI | --- | TCS0577 | 69,00 | 85,00 | 10,00 | NBR | LI | --- |
| TCS0917 | 50,00 | 70,00 | 12,00 | NBR | LI | 01807 | TCS0108 | 69,80 | 98,45 | 11,80 | NBR | LI | 01880 |
| 4420 | 50,00 | 80,00 | 10,00 | NBR | LI | --- | TCS0981 | 70,00 | 85,00 | 8,00 | NBR | LI | --- |
| 4421 | 50,00 | 90,00 | 10,00 | FPM | LI | --- | TCS0593 | 74,00 | 90,00 | 10,00 | NBR | LI | 01044 |
| TCS0031 | 51,94 | 72,00 | 12,00 | NBR | LI | --- | 3702 | 75,00 | 100,00 | 10,00 | FPM | H | --- |
| 1461 | 54,00 | 73,00 | 11,00 | NBR | LI | 02207 | TCS0040 | 75,00 | 100,00 | 12,00 | NBR | LI | --- |
| 1467 | 54,00 | 73,00 | 11,00 | MVQ | LI | 02207 | TCS0594 | 75,00 | 100,00 | 13,00 | FPM | LI | --- |
| 4595 | 54,00 | 76,20 | 12,70 | NBR | LI | 01864 | TCS0598 | 76,20 | 96,85 | 9,53 | NBR | LI | --- |
| TCS0728 | 54,10 | 73,00 | 8,50 | NBR | LI | 01930 | 4673 | 76,20 | 110,00 | 9,50 | NBR | LI | --- |
| TCS0548 | 55,00 | 72,00 | 9,00 | FPM | LI | --- | 3216 | 80,00 | 100,00 | 10,00 | NBR | LI | --- |
| TCS0551 | 55,00 | 75,00 | 8,00 | NBR | LI | --- | 3583 | 82,50 | 101,60 | 9,50 | NBR | LI | --- |
| 4655 | 55,00 | 75,00 | 8,00 | FPM | H | --- | 3571 | 82,50 | 107,95 | 9,50 | FPM | LI | --- |
| AG8090 | 55,00 | 80,00 | 10,00 | FPM | LI | --- | TCS0906 | 82,50 | 120,00 | 15,00 | NBR | LI | 02416 |

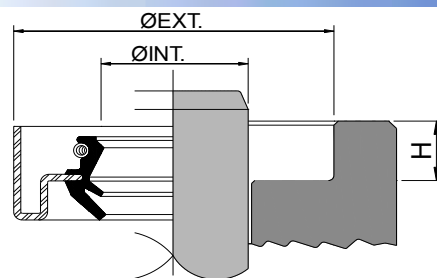
**RETENTOR COM CARÇAÇA METÁLICA EXPOSTA,
LÁBIO DE VEDAÇÃO COM MOLA E DUPLA VEDAÇÃO
AUXILIAR**



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|-------|-----|-----|-------|--------|--------|--------|---|-----|-----|-----|
| TCS0803 | 45,00 | 73,10 | 13,00 | NBR | LI | 02395 | | | | | | | |
| TCS0100 | 46,00 | 65,50 | 7,00 | NBR | LI | 01764 | | | | | | | |
| 1469 | 73,00 | 101,60 | 11,50 | NBR | LI | --- | | | | | | | |
| 4748 | 73,00 | 101,60 | 11,50 | NBR | BI | 00421 | | | | | | | |
| 4618 | 85,70 | 111,15 | 12,70 | FPM | BI | --- | | | | | | | |

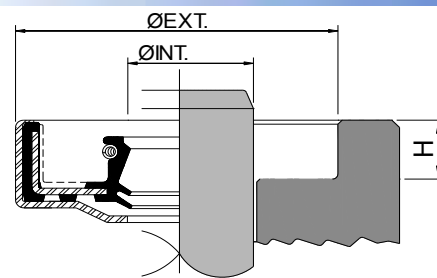
**RETENTOR COM CARÇAÇA METÁLICA EXPOSTA,
VEDAÇÃO AUXILIAR DUPLA E LÁBIO DE VEDAÇÃO
COM MOLA**



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| AG7662 | 47,60 | 69,85 | 12,70 | FPM | LI | --- | | | | | | | |
| 5852 | 52,35 | 76,20 | 9,53 | FPM | LI | --- | | | | | | | |
| 4215 | 82,55 | 107,95 | 17,00 | FPM | LI | --- | | | | | | | |

**RETENTOR COM CARÇAÇA METÁLICA EXPOSTA,
VEDAÇÃO AUXILIAR DUPLA E LÁBIO DE VEDAÇÃO
COM MOLA**



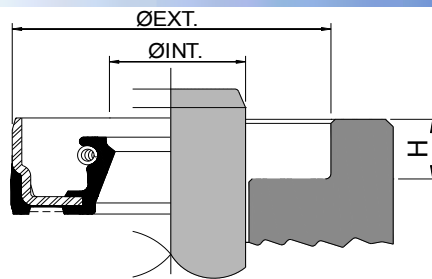
MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 3207 | 65,00 | 120,00 | 12,00 | NBR | LI | --- | | | | | | | |
| 3572 | 85,00 | 120,00 | 12,00 | NBR | BI | --- | | | | | | | |

RETENTOR COM CARÇA METÁLICA, REVESTIDO PARCIALMENTE EM ELASTÔMERO, LÁBIO DE VEDAÇÃO COM MOLLA

MEDIDAS DE APLICAÇÕES

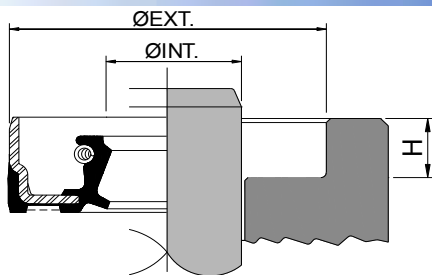
| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|-------|-----|-----|-------|--------|--------|--------|---|-----|-----|-----|
| TCS0161 | 100,00 | 125,00 | 12,00 | NBR | LI | 07322 | | | | | | | |
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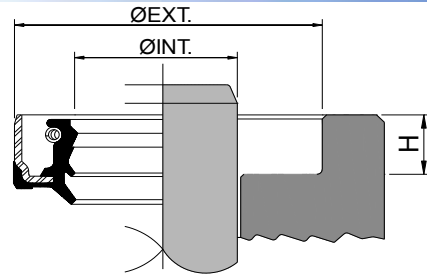
RETENTOR COM CARÇA METÁLICA EXPOSTA, REVESTIDO PARCIALMENTE COM ESTÔMERO, VEDAÇÃO AUXILIAR E LÁBIO DE VEDAÇÃO COM MOLLA

MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|------|--------|-----|-------|---------|--------|--------|-------|-----|-----|-------|
| TCS0698 | 17,00 | 28,00 | 7,00 | NBR | LI | 05141 | 3278 | 42,00 | 65,00 | 10,00 | FPM | H | --- |
| TCS1008 | 17,00 | 29,00 | 8,00 | NBR | LI | --- | 4740 | 60,00 | 95,00 | 12,00 | NBR | BI | --- |
| TCS0945 | 19,05 | 33,30 | 7,20 | NBR | H | --- | 3849 | 64,00 | 80,00 | 9,00 | FPM | H | 05055 |
| AG7759 | 20,00 | 30,00 | 6,00 | FPM | LI | --- | 4745 | 90,00 | 115,00 | 13,00 | FPM | AH | --- |
| TCS0697 | 20,00 | 31,00 | 7,00 | NBR | LI | 05142 | 4652 | 105,00 | 130,00 | 12,00 | FPM | AH | 07840 |
| TCS0881 | 20,00 | 31,00 | 7,30 | MVQ | LI | 05142 | 3282 | 114,30 | 135,00 | 12,70 | FPM | AH | --- |
| TCS0306 | 20,00 | 36,00 | 6,00 | FPM | LI | --- | TCS0109 | 120,00 | 144,95 | 15,00 | NBR | LI | --- |
| 5838 | 26,00 | 42,00 | 8,00 | FPM | H | 02525 | | | | | | | |
| AG7518 | 26,00 | 42,00 | 8,00 | FPM PT | H | --- | | | | | | | |
| 6414 | 27,00 | 37,00 | 7,00 | FPM PT | H | --- | | | | | | | |
| CX7876 | 28,00 | 38,30 | 7,50 | HNBR | LI | --- | | | | | | | |
| 6646 | 28,50 | 38,10 | 8,00 | NBR | LI | --- | | | | | | | |
| 6415 | 30,00 | 43,00 | 8,00 | FPM | H | 05074 | | | | | | | |
| AG7519 | 30,00 | 43,00 | 8,00 | FPM | H | --- | | | | | | | |
| AX0230 | 35,00 | 65,00 | 8,00 | NBR | LI | --- | | | | | | | |
| 6628 | 38,00 | 50,00 | 8,00 | FPM | LI | 02794 | | | | | | | |



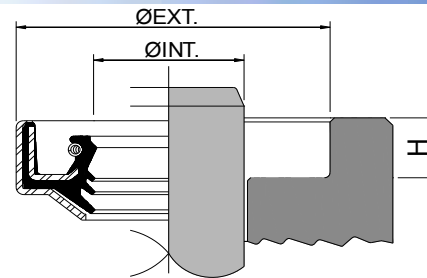
RETENTOR COM CARÇAÇA METÁLICA EXPOSTA,
REVESTIDO PARCIALMENTE EM ESTÔMERO,
LÁBIO DE VEDAÇÃO E DUPLA VEDAÇÃO AUXILIAR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| CX9751 | 35,00 | 47,00 | 8,00 | NBR | LI | --- | | | | | | | |
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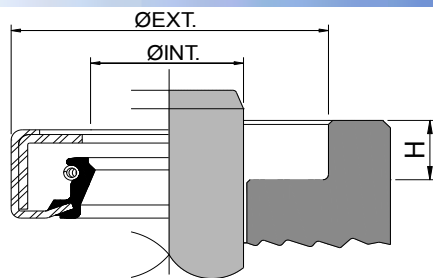
RETENTOR COM CARÇAÇA METÁLICA EXPOSTA,
LÁBIO DE VEDAÇÃO COM MOLA E TRIPLA
VEDAÇÃO AUXILIAR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-------|--------|--------|--------|---|-----|-----|-----|
| AG7883 | 34,00 | 55,00 | 15,00 | NBR | LI | 02152 | | | | | | | |
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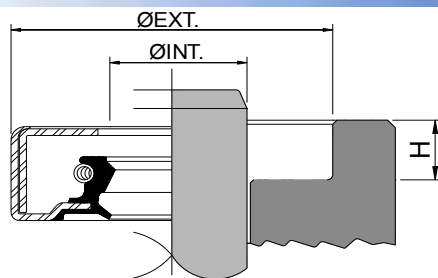
RETENTOR BLINDADO COM CARÇAÇA EXPOSTA E LÁBIO DE VEDAÇÃO COM MOLA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|-------|-----|-----|-------|---------|--------|--------|-------|-----|-----|-------|
| TCS0938 | 15,90 | 23,80 | 4,80 | NBR | LI | --- | TCS0615 | 95,00 | 115,00 | 13,00 | ACM | LI | --- |
| TCS0328 | 24,61 | 38,07 | 7,94 | NBR | LI | --- | AX0229 | 95,00 | 125,00 | 13,00 | NBR | LI | 00045 |
| 6519 | 30,00 | 50,75 | 11,00 | NBR | LI | 00701 | TCS0076 | 95,00 | 130,00 | 13,00 | NBR | LI | 01043 |
| AG7667 | 31,70 | 50,70 | 11,00 | NBR | LI | 00028 | TCS0028 | 98,50 | 144,45 | 19,00 | NBR | LI | 00007 |
| TCS0845 | 32,00 | 72,00 | 10,00 | NBR | LI | 02270 | TCS0103 | 100,00 | 123,80 | 13,00 | NBR | LI | 01801 |
| TCS0086 | 34,90 | 52,30 | 9,50 | NBR | LI | 01395 | 1482 | 101,60 | 127,00 | 9,50 | NBR | LI | --- |
| TCS0056 | 35,00 | 53,90 | 9,50 | NBR | LI | 00694 | 4523 | 101,60 | 127,00 | 9,50 | FPM | LI | --- |
| TCS0713 | 35,00 | 72,00 | 10,00 | NBR | LI | 01366 | 3996 | 101,60 | 127,00 | 9,50 | FPM | LI | --- |
| TCS0716 | 36,50 | 57,05 | 12,70 | NBR | LI | 00218 | 1483 | 101,60 | 127,00 | 9,50 | MVQ | LI | --- |
| 6944 | 38,10 | 54,00 | 12,00 | NBR | H | --- | 3517 | 101,60 | 130,20 | 8,00 | FPM | LI | --- |
| 1524 | 40,00 | 60,00 | 10,00 | NBR | LI | --- | 3314 | 104,80 | 130,20 | 12,70 | NBR | LI | --- |
| 3507 | 40,00 | 62,00 | 10,00 | NBR | LI | --- | 4945 | 106,35 | 130,18 | 12,70 | FPM | LI | --- |
| TCS0909 | 40,00 | 70,00 | 12,00 | NBR | LI | 00837 | 3855 | 123,85 | 158,75 | 12,70 | NBR | LI | --- |
| TCS0901 | 44,50 | 73,00 | 12,00 | NBR | LI | 00276 | 3297 | 127,00 | 152,40 | 12,70 | FPM | H | --- |
| TCS0075 | 45,00 | 85,00 | 13,00 | NBR | LI | 01038 | TCS0968 | 133,35 | 158,75 | 12,70 | NBR | LI | --- |
| TCS0055 | 47,70 | 72,95 | 12,00 | NBR | LI | 00674 | 3298 | 146,00 | 168,25 | 16,00 | NBR | H | 01928 |
| TCS0622 | 49,20 | 76,05 | 12,70 | NBR | LI | 00291 | TCS0660 | 209,55 | 260,35 | 15,88 | NBR | LI | --- |
| TCS0533 | 50,00 | 70,00 | 8,00 | NBR | LI | --- | | | | | | | |
| 4496 | 50,80 | 80,00 | 12,70 | NBR | LI | 00660 | | | | | | | |
| TCS0898 | 52,40 | 80,95 | 11,50 | NBR | LI | 00005 | | | | | | | |
| 3011 | 53,90 | 73,00 | 12,70 | NBR | LI | 00037 | | | | | | | |
| TCS0860 | 61,90 | 79,95 | 10,00 | NBR | LI | 01828 | | | | | | | |
| 1544 | 63,50 | 82,55 | 12,70 | NBR | LI | 01790 | | | | | | | |
| TCS0046 | 63,50 | 89,90 | 12,00 | NBR | LI | 00378 | | | | | | | |
| 1533 | 63,50 | 95,25 | 13,00 | NBR | LI | --- | | | | | | | |
| 1526 | 68,00 | 90,00 | 9,50 | NBR | LI | --- | | | | | | | |
| 1550 | 69,80 | 100,00 | 11,00 | NBR | LI | --- | | | | | | | |
| TCS0034 | 69,90 | 98,45 | 12,70 | NBR | LI | 00081 | | | | | | | |
| TCS0937 | 72,20 | 100,00 | 12,70 | NBR | LI | --- | | | | | | | |
| 3535 | 74,60 | 114,30 | 13,00 | NBR | LI | --- | | | | | | | |
| TCS0809 | 79,80 | 98,40 | 9,50 | NBR | LI | --- | | | | | | | |
| 4501 | 81,00 | 117,50 | 14,30 | NBR | LI | 00002 | | | | | | | |
| TCS0035 | 81,30 | 120,80 | 14,30 | NBR | LI | --- | | | | | | | |
| 4377 | 85,70 | 119,00 | 12,70 | NBR | LI | 00025 | | | | | | | |
| TCS0910 | 87,30 | 114,30 | 22,20 | FPM | LI | --- | | | | | | | |
| 4757 | 88,90 | 146,07 | 14,30 | NBR | LI | --- | | | | | | | |
| TCS0105 | 90,00 | 112,70 | 13,00 | NBR | LI | 01829 | | | | | | | |
| 4633 | 90,00 | 140,00 | 13,00 | NBR | LI | --- | | | | | | | |
| 4102 | 94,00 | 120,00 | 13,00 | NBR | LI | --- | | | | | | | |
| TCS0614 | 95,00 | 115,00 | 13,00 | NBR | LI | --- | | | | | | | |

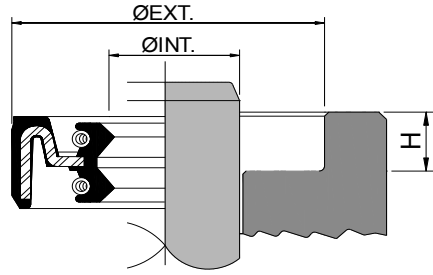
**RETENTOR BLINDADO COM CARÇAÇA EXPOSTA,
LÁBIO DE VEDAÇÃO COM MOLA E VEDAÇÃO
AUXILIAR**



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|-------|-----|-----|-------|---------|--------|--------|-------|-----|-----|-------|
| TCS0897 | 20,00 | 42,00 | 10,00 | NBR | LI | 01746 | 4646 | 95,00 | 130,00 | 12,00 | NBR | LI | 01043 |
| TCS0916 | 22,00 | 47,00 | 9,00 | NBR | LI | 01779 | 3326 | 95,30 | 114,25 | 12,00 | FPM | LI | 02125 |
| 3333 | 25,00 | 38,00 | 8,00 | NBR | LI | --- | TCS0117 | 100,00 | 120,00 | 13,00 | NBR | LI | 02049 |
| TCS0806 | 30,00 | 72,00 | 10,00 | NBR | LI | 01581 | 1484 | 100,00 | 136,50 | 12,70 | NBR | LI | --- |
| 4660 | 35,00 | 63,50 | 12,70 | NBR | LI | 00033 | 1935 | 101,60 | 126,90 | 12,70 | NBR | LI | 00123 |
| 3308 | 44,50 | 66,70 | 15,80 | NBR | LI | --- | 1475 | 101,60 | 139,70 | 16,50 | NBR | LI | --- |
| 3334 | 45,00 | 57,00 | 10,00 | NBR | LI | --- | TCS0902 | 101,80 | 127,10 | 11,90 | NBR | LI | 01901 |
| TCS0915 | 45,00 | 60,00 | 10,00 | NBR | LI | 01738 | 4413 | 110,00 | 140,00 | 13,00 | NBR | BI | 00516 |
| 4842 | 50,00 | 81,00 | 11,90 | NBR | LI | --- | 1476 | 114,30 | 155,55 | 14,00 | NBR | BI | 02180 |
| TCS0042 | 50,80 | 81,00 | 11,90 | NBR | LI | 00274 | TCS0098 | 125,00 | 150,00 | 15,00 | NBR | LI | 01735 |
| TCS0539 | 50,80 | 81,00 | 11,90 | NBR | LI | --- | 1491 | 127,00 | 159,00 | 15,00 | NBR | LI | --- |
| TCS0907 | 53,00 | 75,00 | 12,00 | NBR | LI | 00838 | 4591 | 127,00 | 165,10 | 16,00 | NBR | LI | 00310 |
| TCS0542 | 53,19 | 77,80 | 12,70 | NBR | LI | --- | 3320 | 136,50 | 171,45 | 15,80 | NBR | LI | --- |
| TCS0543 | 53,98 | 76,20 | 9,53 | FPM | LI | --- | 3390 | 139,70 | 171,45 | 15,80 | FPM | LI | --- |
| TCS0554 | 55,00 | 75,00 | 16,00 | FPM | LI | --- | 4376 | 140,00 | 170,00 | 16,00 | FPM | LI | --- |
| 4607 | 55,00 | 90,00 | 12,50 | NBR | LI | 00964 | 4758 | 152,40 | 177,85 | 12,70 | NBR | LI | --- |
| 4719 | 57,15 | 88,90 | 12,70 | NBR | LI | --- | 4629 | 158,75 | 196,85 | 12,70 | NBR | LI | --- |
| 3565 | 57,20 | 92,00 | 18,00 | NBR | LI | 00014 | | | | | | | |
| 3889 | 60,30 | 88,90 | 17,80 | NBR | LI | --- | | | | | | | |
| TCS0569 | 60,33 | 88,42 | 11,13 | NBR | LI | 00021 | | | | | | | |
| TCS0570 | 60,33 | 89,99 | 9,53 | NBR | LI | --- | | | | | | | |
| 4439 | 63,50 | 82,55 | 11,10 | FPM | LI | --- | | | | | | | |
| TCS0571 | 63,50 | 85,09 | 11,13 | NBR | LI | --- | | | | | | | |
| 4765 | 66,70 | 92,00 | 11,00 | FPM | LI | --- | | | | | | | |
| TCS0736 | 69,80 | 98,45 | 9,50 | NBR | LI | --- | | | | | | | |
| 1541 | 69,80 | 101,60 | 15,00 | NBR | LI | --- | | | | | | | |
| 4700 | 73,00 | 101,60 | 12,70 | NBR | LI | 00116 | | | | | | | |
| 4592 | 74,00 | 114,00 | 11,00 | NBR | LI | 00573 | | | | | | | |
| TCS0880 | 76,20 | 101,60 | 11,12 | NBR | LI | 02127 | | | | | | | |
| TCS0125 | 76,20 | 101,65 | 11,00 | ACM | LI | 02127 | | | | | | | |
| 4415 | 78,00 | 110,00 | 13,00 | NBR | LI | --- | | | | | | | |
| 1542 | 80,96 | 107,95 | 13,50 | NBR | LI | --- | | | | | | | |
| TCS0911 | 82,50 | 107,85 | 11,90 | NBR | LI | --- | | | | | | | |
| 3370 | 82,50 | 114,30 | 12,70 | NBR | LI | 01923 | | | | | | | |
| 1543 | 87,30 | 114,30 | 20,50 | NBR | LI | --- | | | | | | | |
| 4412 | 87,30 | 120,80 | 14,30 | NBR | LI | 00085 | | | | | | | |
| 4619 | 88,90 | 114,33 | 11,89 | NBR | LI | --- | | | | | | | |
| TCS0904 | 89,00 | 114,25 | 12,70 | NBR | LI | 01253 | | | | | | | |
| 4205 | 92,00 | 123,80 | 16,00 | NBR | LI | --- | | | | | | | |
| 1481 | 92,10 | 123,85 | 21,00 | NBR | LI | 01251 | | | | | | | |

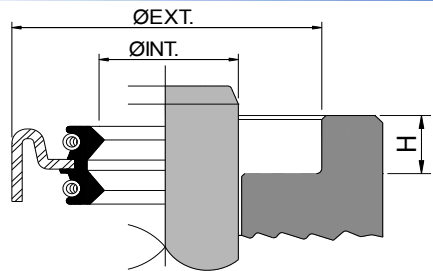
RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO E DUPLO LÁBIO DE VEDAÇÃO COM MOLTA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|-------|-----|-----|-------|--------|--------|--------|-------|-----|-----|-----|
| TCS0101 | 17,00 | 28,00 | 8,00 | NBR | LI | 01784 | 4640 | 100,00 | 130,00 | 12,00 | FPM | LI | --- |
| 5555 | 17,00 | 30,00 | 7,00 | FPM | LI | 02963 | 1957 | 110,00 | 130,00 | 13,00 | NBR | LI | --- |
| TCS0003 | 17,00 | 32,00 | 8,00 | NBR | LI | --- | 4548 | 110,00 | 130,00 | 13,00 | FPM | LI | --- |
| 9491 | 17,40 | 28,42 | 7,70 | FPM | LI | --- | 1513 | 125,00 | 150,00 | 10,00 | NBR | LI | --- |
| CX6055 | 20,00 | 30,00 | 8,00 | FPM | LI | --- | 4746 | 130,00 | 160,00 | 12,00 | MVQ | LI | --- |
| TCS1007 | 20,00 | 34,00 | 8,00 | NBR | LI | --- | 1538 | 140,00 | 165,00 | 13,00 | NBR | LI | --- |
| CX6072 | 20,00 | 35,00 | 8,00 | NBR | LI | --- | 3250 | 165,00 | 195,00 | 11,50 | NBR | LI | --- |
| CX9431 | 20,00 | 35,00 | 8,00 | FPM | LI | --- | 1970 | 168,00 | 198,00 | 16,50 | NBR | LI | --- |
| CX6067 | 20,00 | 40,00 | 8,00 | FPM | LI | --- | | | | | | | |
| CX9407 | 25,00 | 40,00 | 8,00 | FPM | LI | --- | | | | | | | |
| 3010 | 60,00 | 85,00 | 10,00 | FPM | LI | --- | | | | | | | |
| 4766 | 90,00 | 120,00 | 13,00 | FPM | LI | --- | | | | | | | |
| 6974 | 100,00 | 125,00 | 15,00 | NBR | LI | --- | | | | | | | |

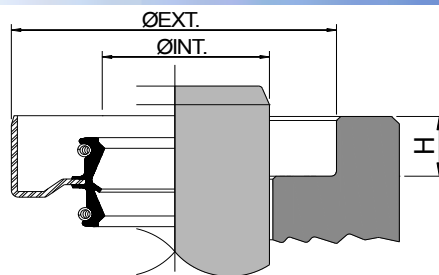
RETENTOR COM CARÇA METÁLICA EXPOSTA E DUPLO LÁBIO DE VEDAÇÃO COM MOLTA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | | | | | | | |
|---------|--------|--------|------|-----|-----|-----|--|--|--|--|--|--|--|
| TCS0616 | 17,00 | 28,00 | 6,50 | NBR | LI | --- | | | | | | | |
| TCS0821 | 17,00 | 32,00 | 8,50 | NBR | LI | --- | | | | | | | |
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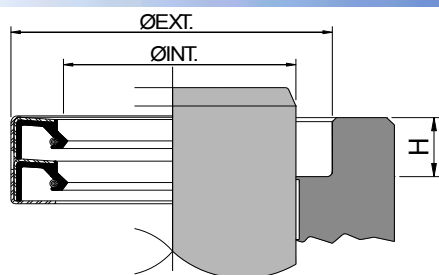
RETENTOR COM CARÇA METÁLICA EXPOSTA,
DUPLO LÁBIO DE VEDAÇÃO COM MOLA E
VEDAÇÃO AXILIAR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|-----------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| 3514 | 45,00 | 73,10 | 13,0/17,7 | NBR | LI | --- | | | | | | | |
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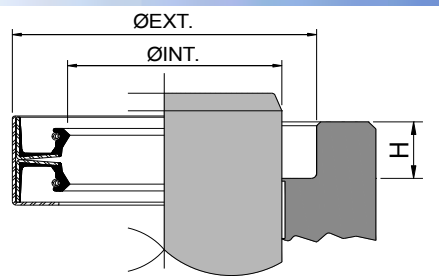
RETENTOR BLINDADO COM CARÇA EXPOSTA,
DUPLO LÁBIO DE VEDAÇÃO COM MOLA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-------|--------|--------|--------|---|-----|-----|-----|
| 1479 | 54,00 | 81,00 | 20,00 | NBR | LI | 01973 | | | | | | | |
| 1888 | 60,30 | 85,70 | 22,80 | NBR | LI | 02090 | | | | | | | |
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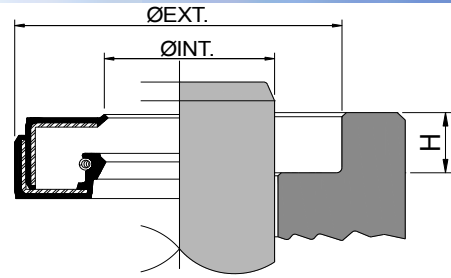
RETENTOR BLINDADO COM CARÇA EXPOSTA,
DUPLO LÁBIO DE VEDAÇÃO COM MOLA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-------|--------|--------|--------|---|-----|-----|-----|
| 1951 | 60,30 | 85,75 | 22,80 | NBR | LI | 02267 | | | | | | | |
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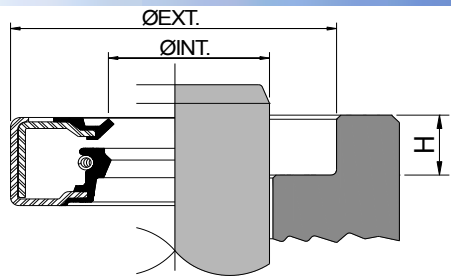
RETENTOR BLINDADO REVESTIDO EM ELASTÔMERO, LÁBIO DE VEDAÇÃO COM MOLLA E VEDAÇÃO AUXILIAR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 4552 | 78,00 | 100,00 | 17,50 | NBR | LI | --- | | | | | | | |
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RETENTOR BLINDADO COM CARÇAÇA EXPOSTA, LÁBIO DE VEDAÇÃO COM MOLLA E VEDAÇÃO AUXILIAR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-------|--------|--------|--------|---|-----|-----|-----|
| 4554 | 40,00 | 62,00 | 12,00 | NBR | LI | --- | | | | | | | |
| 4553 | 49,00 | 76,10 | 17,50 | NBR | LI | --- | | | | | | | |
| 4584 | 59,00 | 85,60 | 17,50 | NBR | LI | --- | | | | | | | |
| 4610 | 79,00 | 110,00 | 17,40 | NBR | LI | 02035 | | | | | | | |
| 4299 | 101,60 | 127,00 | 16,00 | NBR | LI | 02194 | | | | | | | |
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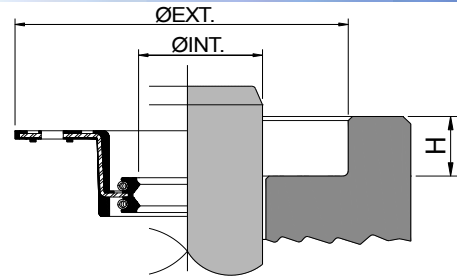


AGJO

RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO E DUPLO LÁBIO DE VEDAÇÃO COM MOLLA

MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 4286 | 27,00 | 76,10 | 16,00 | NBR | LI | --- | | | | | | | |
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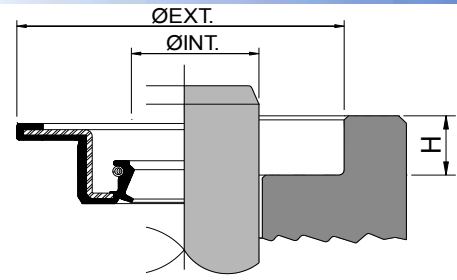


BRGE

RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO, LÁBIO DE VEDAÇÃO COM MOLLA E VEDAÇÃO AUXILIAR

MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|-------------|-------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 4617 | 90,00 | 110,0/154,0 | 13,00 | FPM | AH | --- | | | | | | | |
| 4623 | 90,00 | 110,0/170,0 | 11,00 | FPM | AH | --- | | | | | | | |
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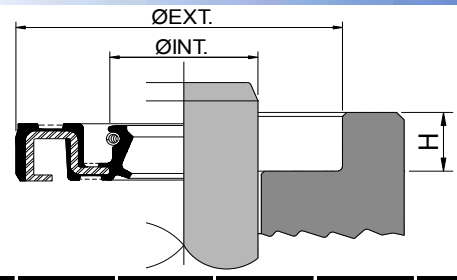


BRGE1

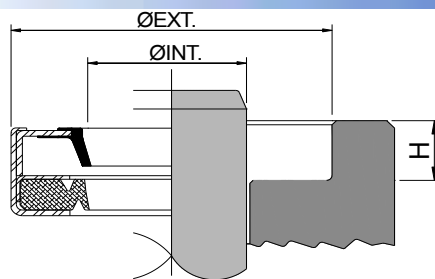
RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO, VEDAÇÃO AUXILIAR E LÁBIO DE VEDAÇÃO COM MOLLA

MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|------|-----|-----|-------|--------|--------|--------|---|-----|-----|-----|
| 4659 | 30,00 | 72,00 | 6,50 | NBR | BI | 02672 | | | | | | | |
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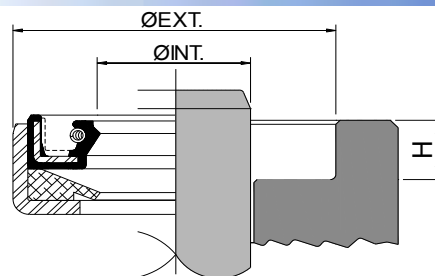
RETENTOR BLINDADO COM CARÇAÇA METÁLICA EXPOSTA, LÁBIO DE VEDAÇÃO COM MOLLA E GUARDA PÓ EM PU



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|--------|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 1764 | 130,00 | 160,00 | 20,00 | NBR/PU | LI | --- | | | | | | | |
| 1963 | 140,00 | 170,00 | 20,00 | NBR/PU | LI | --- | | | | | | | |
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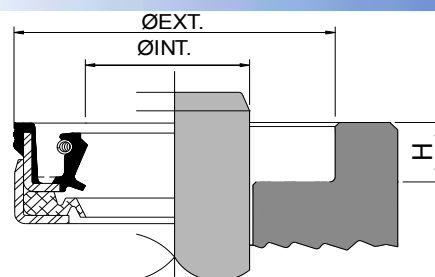
RETENTOR COM CARÇAÇA METÁLICA EXPOSTA, LÁBIO DE VEDAÇÃO COM MOLLA E GUARDA PÓ EM PU



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|--------|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 1528 | 41,30 | 61,90 | 13,50 | NBR/PU | LI | --- | | | | | | | |
| 1243 | 42,00 | 58,80 | 12,70 | NBR/PU | LI | --- | | | | | | | |
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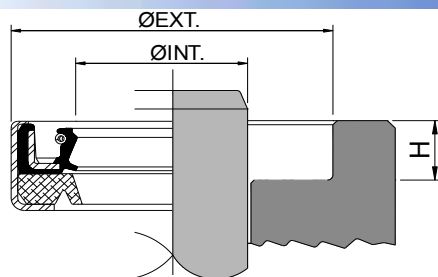
RETENTOR COM CARÇAÇA METÁLICA EXPOSTA, LÁBIO DE VEDAÇÃO COM MOLLA E GUARDA PÓ EM PU



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|--------|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 6366 | 28,00 | 42,00 | 11,00 | NBR/PU | LI | --- | | | | | | | |
| 1928 | 46,00 | 65,00 | 15,00 | NBR/PU | LI | --- | | | | | | | |
| 3264 | 55,00 | 75,00 | 16,00 | NBR/PU | LI | --- | | | | | | | |
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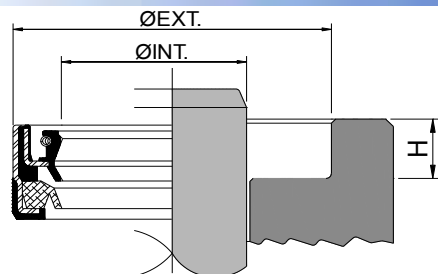
RETENTOR BLINDADO COM CARÇAÇA METÁLICA EXPOSTA, LÁBIO DE VEDAÇÃO COM MOLLA E GUARDA PÓ EM PU



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|--------|-----|-----|--------|--------|--------|-------|--------|-----|-----|
| 3257 | 30,00 | 44,00 | 11,00 | NBR/PU | LI | --- | 3738 | 45,00 | 65,00 | 18,50 | NBR/PU | LI | --- |
| 3736 | 30,00 | 44,00 | 14,00 | NBR/PU | LI | --- | 1506 | 46,00 | 65,00 | 16,00 | NBR/PU | LI | --- |
| 3393 | 35,00 | 50,00 | 11,00 | NBR/PU | LI | --- | 4895 | 46,15 | 80,00 | 16,50 | NBR/PU | LI | --- |
| 1600 | 35,00 | 52,00 | 14,50 | NBR/PU | LI | --- | 1940 | 56,00 | 75,00 | 22,00 | NBR/PU | LI | --- |
| 4698 | 39,70 | 54,00 | 12,70 | FPM/PU | LI | --- | 3235 | 57,00 | 80,00 | 16,50 | NBR/PU | LI | --- |
| 3243 | 40,00 | 55,00 | 10,00 | NBR/PU | LI | --- | 3253 | 57,00 | 82,00 | 17,00 | NBR/PU | LI | --- |
| 1896 | 40,00 | 60,00 | 18,00 | MVQ/PU | LI | --- | 3895 | 136,00 | 165,50 | 15,00 | NBR/PU | LI | --- |
| 3228 | 40,00 | 60,00 | 18,00 | NBR/PU | LI | --- | | | | | | | |
| 3028 | 42,00 | 62,00 | 14,50 | NBR/PU | LI | --- | | | | | | | |
| 3122 | 45,00 | 65,00 | 12,00 | NBR/PU | LI | --- | | | | | | | |

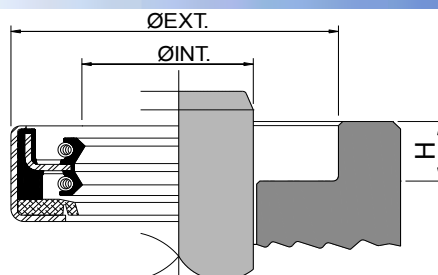
RETENTOR BLINDADO COM CARÇAÇA METÁLICA PARCIALMENTE RECOBERTO EM ELASTÔMERO, LÁBIO DE VEDAÇÃO COM MOLLA E GUARDA PÓ EM PU



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|--------|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 3737 | 45,00 | 60,00 | 16,00 | NBR/PU | LI | --- | | | | | | | |
| AX0171 | 45,00 | 62,00 | 19,00 | NBR/PU | LI | --- | | | | | | | |

RETENTOR BLINDADO COM CARÇAÇA METÁLICA EXPOSTA, LÁBIO DE VEDAÇÃO COM MOLLA E GUARDA PÓ EM PU



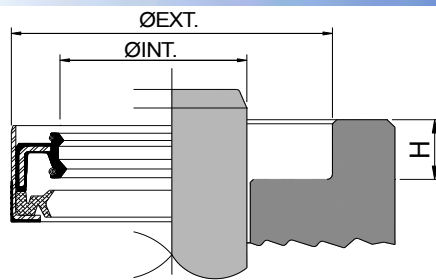
MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|--------|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 3521 | 42,00 | 62,00 | 21,50 | NBR/PU | LI | --- | | | | | | | |
| 4386 | 47,00 | 65,00 | 16,50 | NBR/PU | LI | --- | | | | | | | |
| 3280 | 130,00 | 154,00 | 18,00 | NBR/PU | LI | --- | | | | | | | |

RETENTOR COM CARÇA METÁLICA EXPOSTA, PARCIALMENTE RECOBERTO EM ELASTÔMERO, LÁBIO DE VEDAÇÃO COM MOLLA E GUARDA PÓ EM PU

MEDIDAS DE APLICAÇÕES

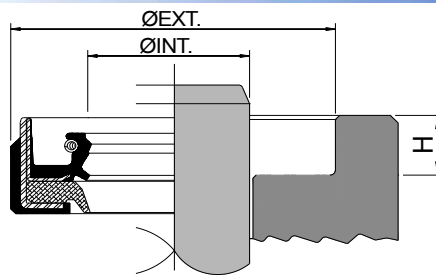
| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|--------|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 3266 | 40,00 | 60,00 | 25,00 | NBR/PU | LI | --- | | | | | | | |
| AX0165 | 46,00 | 65,00 | 21,00 | NBR/PU | LI | --- | | | | | | | |
| AX0231 | 45,00 | 65,00 | 25,00 | NBR/PU | LI | --- | | | | | | | |
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RETENTOR BLINDADO COM CARÇA METÁLICA, REVESTIDO EM ELASTÔMERO, LÁBIO COM MOLLA, VEDAÇÃO AUXILIAR E GUARDA PÓ EM PU

MEDIDAS DE APLICAÇÕES

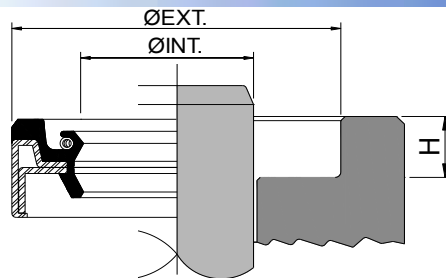
| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|--------|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 3026 | 90,00 | 120,00 | 20,00 | NBR/PU | LI | --- | | | | | | | |
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RETENTOR BLINDADO COM CARÇA METÁLICA EXPOSTA, LÁBIO DE VEDAÇÃO COM MOLLA E VEDAÇÃO AUXILIAR

MEDIDAS DE APLICAÇÕES

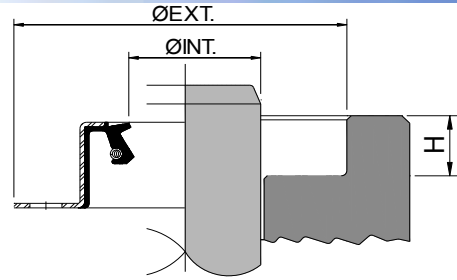
| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|---------|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 6258 | 34,92 | 50,80 | 12,00 | MVO/FPM | LI | --- | | | | | | | |
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AGFO

RETENTOR COM CARCAÇA METÁLICA EXPOSTA,
LÁBIO DE VEDAÇÃO COM MOLA E VEDAÇÃO
AUXILIAR



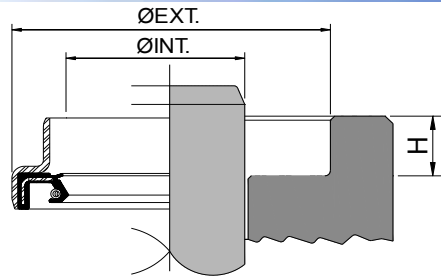
MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-----|--------|-------|--------|---|-----|-----|-----|
| 1494 | 150,00 | 174,00 | 28,00 | NBR | LI | --- | | | | | | | |
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AGFP

RETENTOR COM CARCAÇA METÁLICA EXPOSTA,
LÁBIO DE VEDAÇÃO COM MOLA E VEDAÇÃO
AUXILIAR



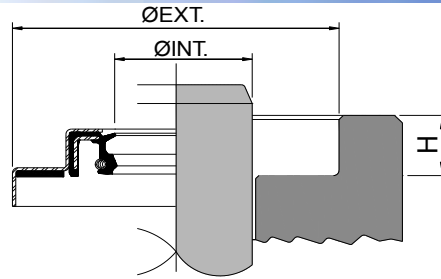
MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|-------|--------|----------|-----|-----|-----|--------|-------|--------|---------|-----|-----|-----|
| 3286 | 60,30 | 79,40 | 8,5/18,0 | NBR | LI | --- | | | | | | | |
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AGGS

RETENTOR COM CARCAÇA METÁLICA EXPOSTA,
LÁBIO DE VEDAÇÃO COM MOLA E VEDAÇÃO
AUXILIAR



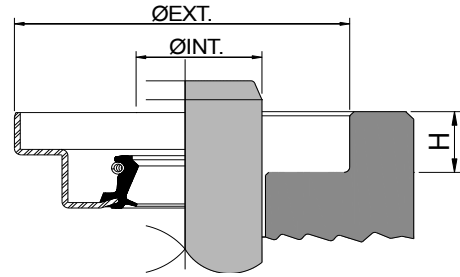
MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|-------|--------|---------|-----|-----|-------|--------|-------|--------|---------|-----|-----|-----|
| 1720 | 88,90 | 152,40 | 15,00 | NBR | LI | 02804 | | | | | | | |
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**RETENTOR COM CARCAÇA METÁLICA EXPOSTA,
LÁBIO DE VEDAÇÃO COM MOLA E VEDAÇÃO
AUXILIAR**

MEDIDAS DE APLICAÇÕES

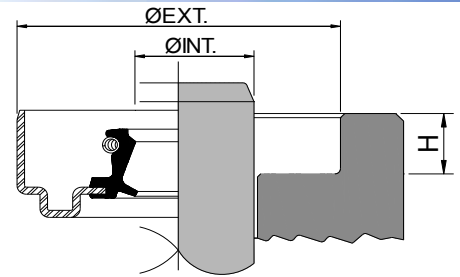
| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|-----------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| 3888 | 69,85 | 139,70 | 13,5/30,0 | NBR | LI | --- | | | | | | | |
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**RETENTOR COM CARCAÇA METÁLICA EXPOSTA,
LÁBIO DE VEDAÇÃO COM MOLA E VEDAÇÃO
AUXILIAR**

MEDIDAS DE APLICAÇÕES

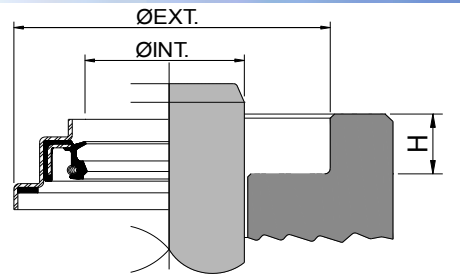
| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|-----------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| 3840 | 70,00 | 115,00 | 13,0/17,0 | FPM | BI | --- | | | | | | | |
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**RETENTOR COM CARCAÇA METÁLICA EXPOSTA,
LÁBIO DE VEDAÇÃO COM MOLA E VEDAÇÃO
AUXILIAR**

MEDIDAS DE APLICAÇÕES

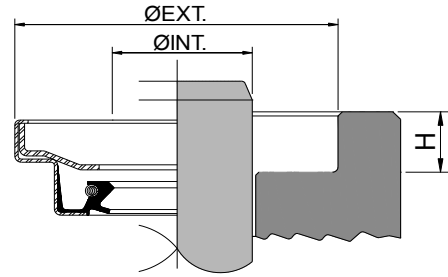
| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-------|--------|--------|--------|---|-----|-----|-----|
| 1955 | 82,60 | 134,55 | 41,20 | NBR | LI | 02019 | | | | | | | |
| 1952 | 88,90 | 152,40 | 39,10 | NBR | LI | 02018 | | | | | | | |
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RETENTOR BLINDADO COM CARÇAÇA METÁLICA EXPOSTA, LÁBIO DE VEDAÇÃO COM MOLLA E VEDAÇÃO AUXILIAR

MEDIDAS DE APLICAÇÕES

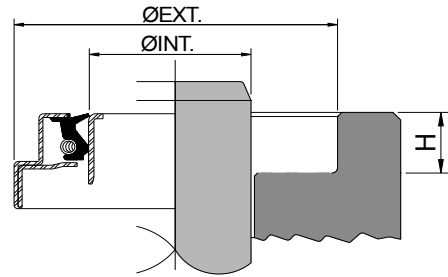
| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 1488 | 116,00 | 168,50 | 13,00 | NBR | LI | --- | | | | | | | |
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RETENTOR BLINDADO COM CARÇAÇA METÁLICA EXPOSTA, LÁBIO DE VEDAÇÃO COM MOLLA E VEDAÇÃO AUXILIAR

MEDIDAS DE APLICAÇÕES

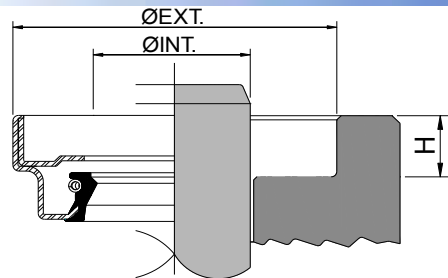
| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|-----------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| 3585 | 120,00 | 152,40 | 11,0/23,5 | NBR | LI | --- | | | | | | | |
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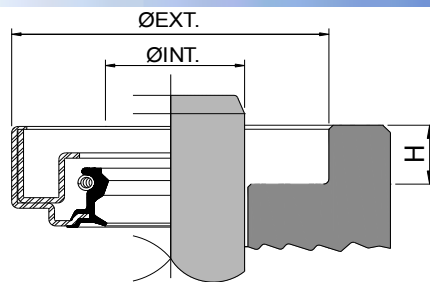
RETENTOR BLINDADO COM CARÇAÇA METÁLICA EXPOSTA E LÁBIO DE VEDAÇÃO COM MOLLA

MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|-----------|-----|-----|-------|--------|--------|--------|---------|-----|-----|-----|
| 4736 | 100,00 | 128,00 | 15,0/25,0 | NBR | LI | 01805 | | | | | | | |
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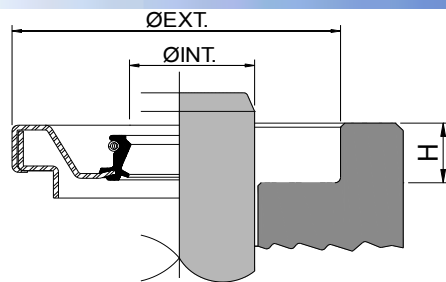
RETENTOR BLINDADO COM CARÇAÇA METÁLICA EXPOSTA, LÁBIO DE VEDAÇÃO COM MOLLA E VEDAÇÃO AUXILIAR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-------|--------|--------|--------|---|-----|-----|-----|
| 4307 | 88,90 | 122,90 | 19,00 | NBR | BI | 02484 | | | | | | | |
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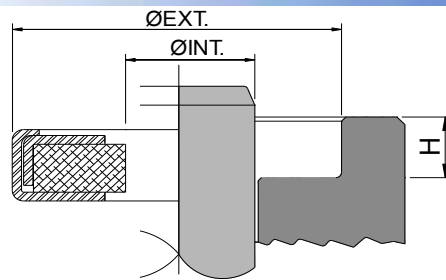
RETENTOR BLINDADO COM CARÇAÇA METÁLICA EXPOSTA, LÁBIO DE VEDAÇÃO COM MOLLA E VEDAÇÃO AUXILIAR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|-----------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| 4774 | 80,00 | 130,20 | 12,0/20,0 | FPM | BI | --- | | | | | | | |
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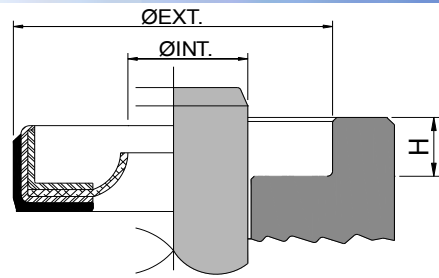
RETENTOR BLINDADO COM CARÇAÇA METÁLICA EXPOSTA E VEDAÇÃO COM FELTRO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|------|--------|-----|-----|--------|--------|--------|---|-----|-----|-----|
| AG7716 | 42,00 | 72,00 | 9,00 | FELTRO | LI | --- | | | | | | | |
| 3955 | 82,55 | 107,95 | 9,50 | FELTRO | LI | --- | | | | | | | |
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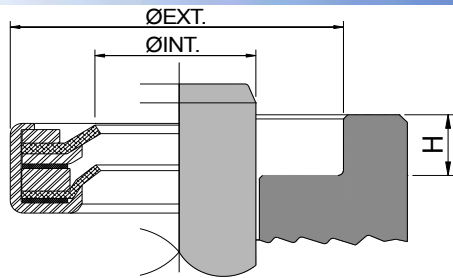
RETENTOR BLINDADO COM REVESTIMENTO EXTERNO EM ELASTÔMERO, VEDAÇÃO AUXILIAR EM PTFE



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|----------|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 6639 | 39,95 | 62,00 | 7,50 | NBR/PTFE | LI | --- | | | | | | | |
| 3274 | 110,00 | 140,00 | 12,50 | NBR/PTFE | AH | --- | | | | | | | |
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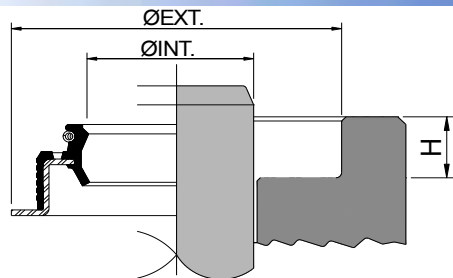
RETENTOR BLINDADO COM CARCAÇA METÁLICA EXPOSTA E DUPLO LÁBIO DE VEDAÇÃO EM PTFE



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|------|------|-----|-----|--------|--------|--------|------|------|-----|-----|
| AG8325 | 19,05 | 31,75 | 7,94 | PTFE | LI | --- | 4647 | 32,80 | 50,80 | 8,70 | PTFE | LI | --- |
| 3698 | 25,40 | 42,86 | 9,50 | PTFE | LI | --- | AG7738 | 33,00 | 45,20 | 6,50 | PTFE | LI | --- |
| 3699 | 30,15 | 47,60 | 8,70 | PTFE | LI | --- | 3701 | 34,92 | 53,97 | 9,00 | PTFE | LI | --- |
| 3700 | 31,70 | 50,80 | 9,50 | PTFE | LI | --- | | | | | | | |
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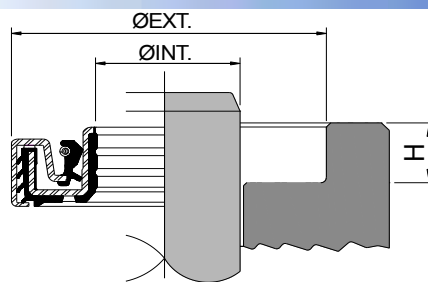
RETENTOR COM RESVESTIMENTO EXTERNO EM ELASTÔMERO, LÁBIO DE VEDAÇÃO COM MOLLA E VEDAÇÃO AUXILIAR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-------|--------|--------|--------|---|-----|-----|-----|
| AG7509 | 15,00 | 29,00 | 14,50 | FPM | LI | --- | | | | | | | |
| AG7510 | 22,00 | 36,00 | 14,50 | FPM | LI | --- | | | | | | | |
| AG7572 | 22,00 | 36,00 | 14,50 | FPM | LI | --- | | | | | | | |
| 4173 | 25,00 | 38,00 | 14,50 | FPM | LI | 02797 | | | | | | | |
| AG8207 | 25,00 | 40,00 | 15,00 | FPM | LI | --- | | | | | | | |
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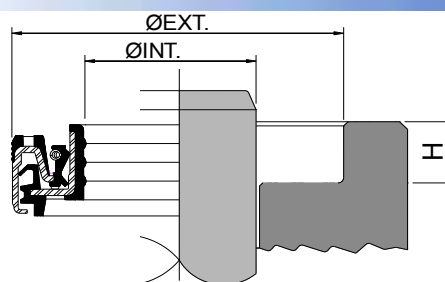
RETENTOR TIPO CASSETTE COM CARÇAÇA METÁLICA EXPOSTA, COM PISTA PRÓPRIA NO LÁBIO DE VEDAÇÃO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 4309 | 121,80 | 150,00 | 13,00 | NBR | LI | --- | | | | | | | |
| 4322 | 136,80 | 165,00 | 13,00 | NBR | LI | --- | | | | | | | |
| 4253 | 167,80 | 198,00 | 17,00 | NBR | BI | --- | | | | | | | |

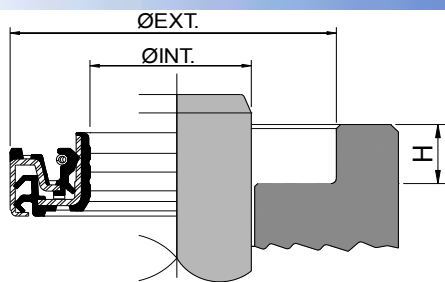
RETENTOR TIPO CASSETTE, REVESTIDO PARCIALMENTE NO EXTERNO EM ELASTÔMERO E PISTA PRÓPRIA NO LÁBIO DE VEDAÇÃO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|-----------|-----|-----|-----|--------|--------|--------|-----------|-----|-----|-----|
| 3268 | 45,00 | 70,00 | 14,5/17,0 | NBR | LI | --- | 3162 | 155,00 | 195,00 | 18,0/18,0 | NBR | LI | --- |
| 3249 | 70,00 | 95,00 | 13,0/14,5 | NBR | LI | --- | 3566 | 190,00 | 220,00 | 16,0/18,0 | NBR | LI | --- |
| 4747 | 127,00 | 160,00 | 15,5/17,5 | NBR | LI | --- | | | | | | | |
| 3988 | 140,00 | 170,00 | 14,5/16,0 | FPM | LI | --- | | | | | | | |
| 3251 | 150,00 | 180,00 | 14,5/16,0 | NBR | BI | --- | | | | | | | |

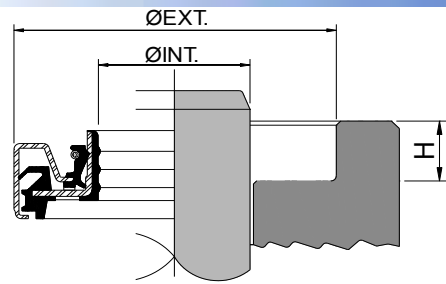
RETENTOR TIPO CASSETTE, REVESTIDO PARCIALMENTE NO EXTERNO EM ELASTÔMERO E PISTA PRÓPRIA NO LÁBIO DE VEDAÇÃO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|-----------|---------|-----|-----|--------|--------|--------|-----------|-----|-----|-----|
| 3360 | 48,00 | 75,00 | 14,5/17,0 | NBR | LI | --- | AX0016 | 150,00 | 178,00 | 13,0/16,0 | NBR | LI | --- |
| AX0018 | 53,20 | 78,00 | 13,0/14,0 | NBR | LI | --- | 3713 | 165,00 | 195,00 | 16,5/18,0 | NBR | LI | --- |
| 4844 | 65,00 | 92,00 | 10,0/15,0 | NBR/FPM | LI | --- | 4795 | 170,00 | 200,00 | 15,0/16,0 | FPM | LI | --- |
| 1744 | 66,15 | 91,00 | 12,5/14,0 | NBR | LI | --- | 4759 | 178,00 | 208,00 | 14,5/18,0 | NBR | LI | --- |
| AX0076 | 130,00 | 160,00 | 14,5/16,0 | NBR | LI | --- | | | | | | | |
| 4430 | 136,80 | 165,00 | 13,0/13,0 | NBR | BI | --- | | | | | | | |

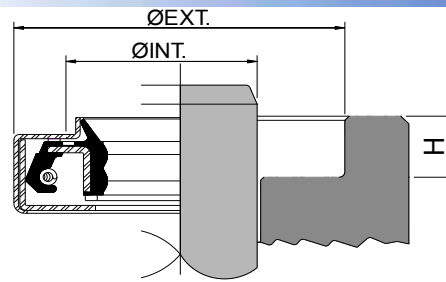
RETENTOR TIPO CASSETTE COM CARÇAÇA METÁLICA EXPOSTA, COM PISTA PRÓPRIA NO LÁBIO DE VEDAÇÃO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|-----------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| 3239 | 35,00 | 65,00 | 14,5/17,5 | NBR | LI | --- | | | | | | | |
| 3394 | 155,00 | 190,00 | 17,0/19,0 | NBR | LI | --- | | | | | | | |
| 3588 | 165,00 | 190,00 | 15,5/17,0 | NBR | LI | --- | | | | | | | |

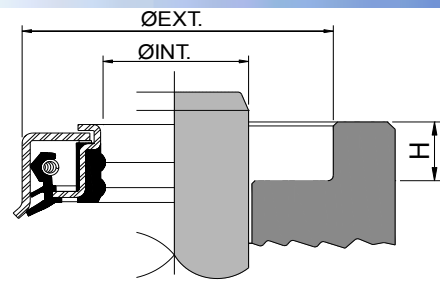
RETENTOR TIPO CASSETTE COM CARÇAÇA METÁLICA EXPOSTA, COM PISTA PRÓPRIA NO LÁBIO DE VEDAÇÃO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|-----------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| 3299 | 130,00 | 160,00 | 14,0/17,0 | NBR | LI | --- | | | | | | | |
| 3240 | 150,00 | 176,00 | 13,0/17,0 | NBR | LI | --- | | | | | | | |
| 4691 | 160,00 | 196,00 | 14,0/17,0 | NBR | LI | --- | | | | | | | |
| 4723 | 178,00 | 205,00 | 17,0/21,0 | NBR | LI | --- | | | | | | | |

RETENTOR TIPO CASSETTE COM CARÇAÇA METÁLICA EXPOSTA, COM PISTA PRÓPRIA NO LÁBIO DE VEDAÇÃO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|-----------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| 3841 | 130,00 | 160,00 | 15,5/20,0 | NBR | LI | --- | | | | | | | |
| 3842 | 140,00 | 170,00 | 15,5/17,5 | FPM | LI | --- | | | | | | | |

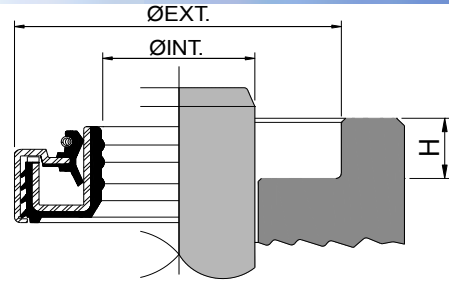


AGBI

RETENTOR TIPO CASSETTE COM CARÇAÇA METÁLICA EXPOSTA, COM PISTA PRÓPRIA NO LÁBIO DE VEDAÇÃO

MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|-----------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| 3270 | 167,80 | 198,00 | 13,0/17,0 | NBR | BI | --- | | | | | | | |
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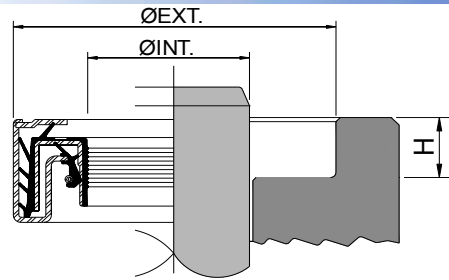


AGBJ

RETENTOR TIPO CASSETTE COM CARÇAÇA METÁLICA EXPOSTA, COM PISTA PRÓPRIA NO LÁBIO DE VEDAÇÃO

MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 3272 | 127,00 | 159,00 | 24,00 | NBR | LI | --- | | | | | | | |
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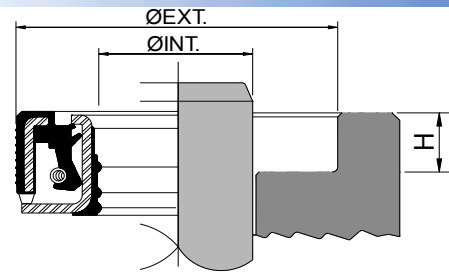


AGBK

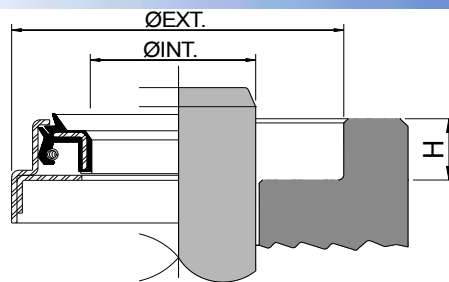
RETENTOR TIPO CASSETTE COM REVESTIMENTO EM ELASTÔMERO, PISTA PRÓPRIA NO LÁBIO DE VEDAÇÃO

MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|-----------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| 3321 | 76,20 | 95,25 | 13,5/14,0 | NBR | LI | --- | | | | | | | |
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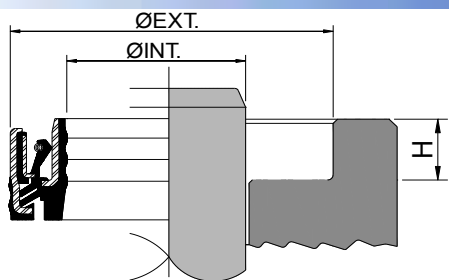
RETENTOR TIPO CASSETTE COM CARÇAÇA METÁLICA EXPOSTA, COM PISTA PRÓPRIA NO LÁBIO DE VEDAÇÃO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|-------|-----|-----|-------|--------|--------|--------|---|-----|-----|-----|
| TCS0154 | 121,10 | 160,20 | 35,00 | NBR | LI | 02713 | | | | | | | |
| 1555 | 127,00 | 159,00 | 24,00 | NBR | LI | --- | | | | | | | |
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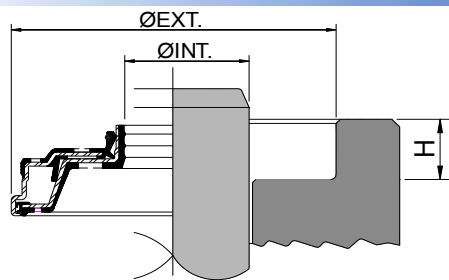
RETENTOR TIPO CASSETTE, REVESTIDO PARCIALMENTE NO EXTERNO EM ELASTÔMERO E PISTA PRÓPRIA NO LÁBIO DE VEDAÇÃO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 3267 | 44,50 | 63,50 | 18,00 | NBR | LI | --- | | | | | | | |
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RETENTOR TIPO CASSETTE COM REVESTIMENTO EM ELASTÔMERO, PISTA PRÓPRIA NO LÁBIO DE VEDAÇÃO



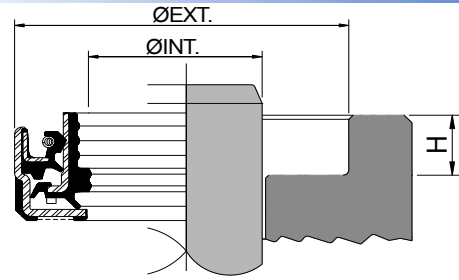
MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|-----------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| 3269 | 35,00 | 92,00 | 13,0/27,0 | NBR | LI | --- | | | | | | | |
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AGBL

RETENTOR TIPO CASSETTE, REVESTIDO PARCIALMENTE NO EXTERNO EM ELASTÔMERO E PISTA PRÓPRIA NO LÁBIO DE VEDAÇÃO



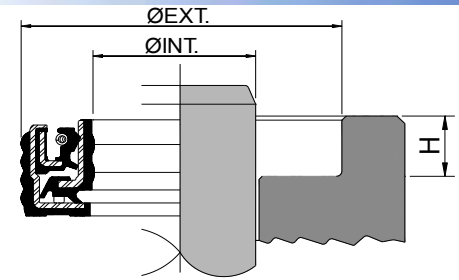
MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF | | | | | | | |
|--------|-------|--------|-------|-----|-----|-----|--|--|--|--|--|--|--|
| 3309 | 60,30 | 79,40 | 15,00 | NBR | LI | --- | | | | | | | |
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AGBL1

RETENTOR TIPO CASSETTE, REVESTIDO NO EXTERNO EM ELASTÔMERO E PISTA PRÓPRIA PRÓPRIA NO LÁBIO DE VEDAÇÃO



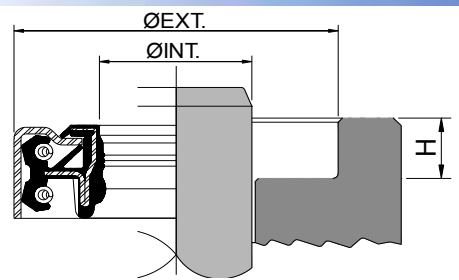
MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF |
|--------|-------|--------|-------|-----|-----|-----|--------|-------|--------|---|-----|-----|-----|
| 4763 | 80,00 | 100,00 | 14,00 | NBR | LI | --- | | | | | | | |
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AGBM

RETENTOR TIPO CASSETTE COM CARÇAÇA METÁLICA EXPOSTA, COM PISTA PRÓPRIA NO LÁBIO DE VEDAÇÃO



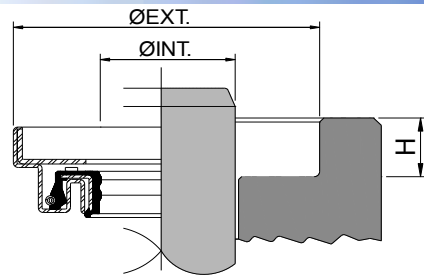
MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-----|--------|-------|--------|---|-----|-----|-----|
| 3518 | 150,00 | 180,00 | 16,00 | NBR | LI | --- | | | | | | | |
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AGBN

RETENTOR TIPO CASSETTE COM CARÇAÇA METÁLICA EXPOSTA, COM PISTA PRÓPRIA NO LÁBIO DE VEDAÇÃO



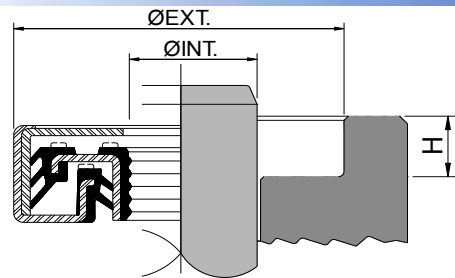
MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 3615 | 117,00 | 168,00 | 15,80 | NBR | LI | --- | | | | | | | |
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AGBO

RETENTOR TIPO CASSETTE COM CARÇAÇA METÁLICA EXPOSTA, COM PISTA PRÓPRIA NO LÁBIO DE VEDAÇÃO



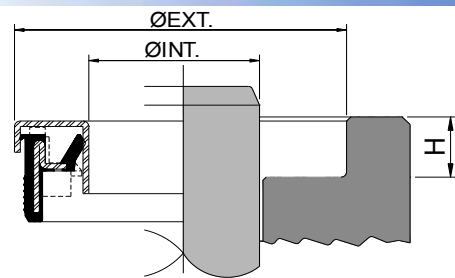
MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-------|--------|--------|--------|---|-----|-----|-----|
| AX0033 | 25,00 | 52,00 | 12,00 | NBR | LI | --- | | | | | | | |
| 5672 | 30,00 | 52,00 | 10,00 | NBR | LI | 02744 | | | | | | | |
| 4144 | 30,00 | 62,00 | 12,50 | NBR | LI | --- | | | | | | | |
| 4402 | 65,00 | 96,90 | 12,70 | NBR | LI | --- | | | | | | | |
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AGBP

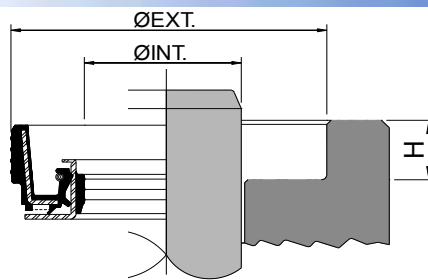
RETENTOR TIPO CASSETTE, REVESTIDO NO EXTERNO EM ELASTÔMERO E PISTA PRÓPRIA PRÓPRIA NO LÁBIO DE VEDAÇÃO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 5686 | 62,00 | 78,00 | 14,00 | NBR | LI | --- | | | | | | | |
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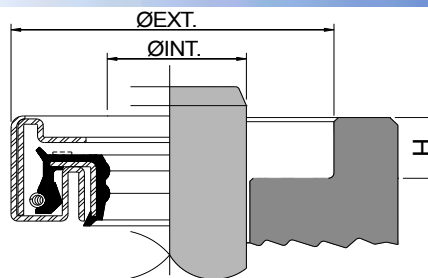
RETENTOR TIPO CASSETTE, REVESTIDO
NO EXTERNO EM ELASTÔMERO E PISTA PRÓPRIA
PRÓPRIA NO LÁBIO DE VEDAÇÃO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF | | | | | | | |
|--------|-------|--------|-------|-----|-----|-----|--|--|--|--|--|--|--|
| 4301 | 89,00 | 123,00 | 23,00 | NBR | LI | --- | | | | | | | |
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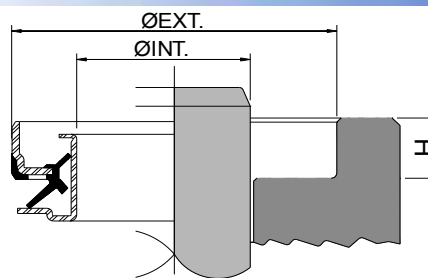
RETENTOR TIPO CASSETTE COM CARÇAÇA
METÁLICA EXPOSTA, COM PISTA PRÓPRIA NO
LÁBIO DE VEDAÇÃO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-------|--------|-------|--------|---|-----|-----|-----|
| 4662 | 87,30 | 120,78 | 15,37 | NBR | LI | --- | | | | | | | |
| 4677 | 106,50 | 140,00 | 15,00 | NBR | LI | 02894 | | | | | | | |
| 4446 | 127,00 | 158,75 | 16,00 | NBR | LI | 02496 | | | | | | | |
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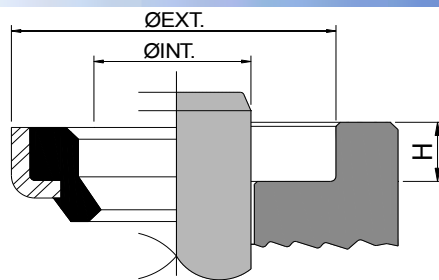
RETENTOR TIPO CASSETTE, REVESTIDO
PARCIALMENTE NO EXTERNO EM ELASTÔMERO E
PISTA PRÓPRIA NO LÁBIO DE VEDAÇÃO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|----------|-----|-----|-----|--------|-------|--------|---------|-----|-----|-----|
| 4502 | 122,00 | 142,00 | 10,0/5,0 | FPM | LI | --- | | | | | | | |
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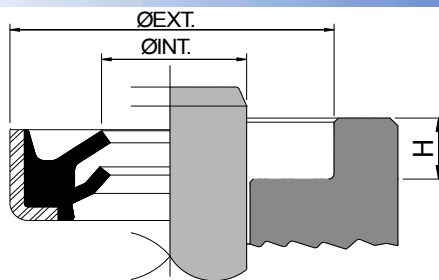
RASPADOR COM CARÇAÇA METÁLICA EXPOSTA E LÁBIO RASPADOR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|---------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| AG7213 | 12,70 | 19,05 | 2,5/3,2 | NBR | LI | --- | | | | | | | |
| 9720 | 16,00 | 22,00 | 3,0/4,0 | NBR | LI | --- | | | | | | | |
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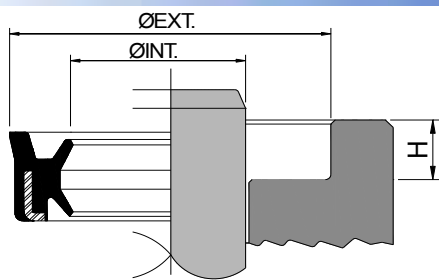
RASPADOR COM CARÇAÇA METÁLICA EXPOSTA E DUPLO LÁBIO RASPADOR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 4598 | 70,00 | 79,00 | 5,00 | NBR | LI | --- | | | | | | | |
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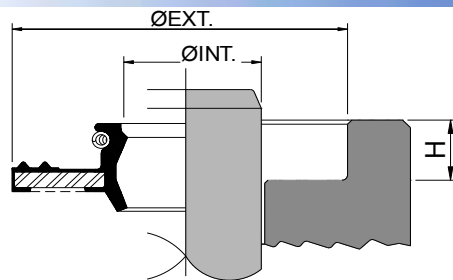
RASPADOR COM DIÂMETRO EXTERNO REVESTIDO EM ELASTÔMERO E DUPLO LÁBIO RASPADOR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 5325 | 19,00 | 26,00 | 5,50 | NBR | LI | --- | | | | | | | |
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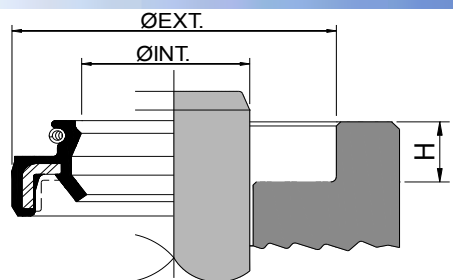
RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO E LÁBIO DE VEDAÇÃO COM MOLLA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|---------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| AG8326 | 19,00 | 35,00 | 2,3/7,0 | NBR | LI | --- | | | | | | | |
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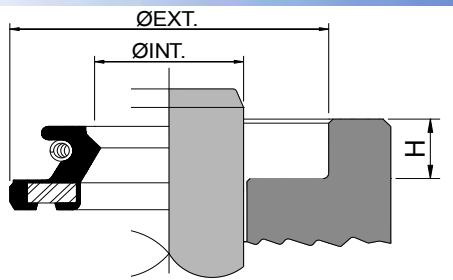
RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO, LÁBIO DE VEDAÇÃO COM MOLLA E LÁBIO DE PÓ



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|---------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| AG8322 | 22,00 | 32,00 | 5,0/8,0 | FPM | LI | --- | | | | | | | |
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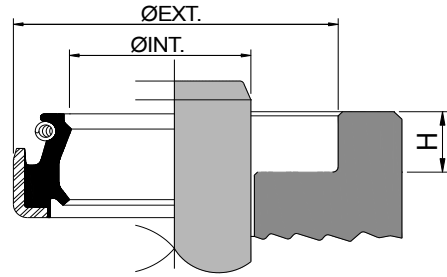
RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO, LÁBIO DE VEDAÇÃO COM MOLLA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 6286 | 22,00 | 33,00 | 2,20 | NBR | LI | --- | | | | | | | |
| 1489 | 27,50 | 37,70 | 7,50 | NBR | LI | --- | | | | | | | |
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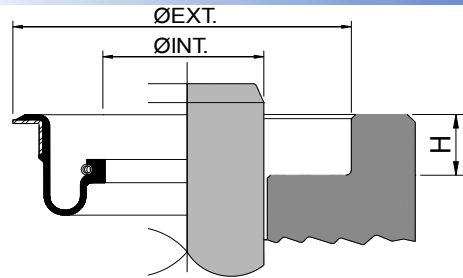
**RETENTOR COM CARÇAÇA METÁLICA EXPOSTA,
LÁBIO COM MOLLA, VEDAÇÃO AUXILIAR**



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|---------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| 3484 | 28,00 | 35,00 | 4,8/7,5 | NBR | LI | --- | | | | | | | |
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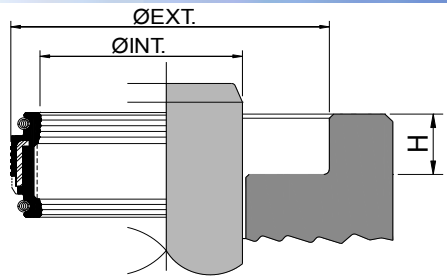
GUARDA PÓ COM CARÇAÇA METÁLICA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-------|--------|--------|--------|---|-----|-----|-----|
| 1403 | 14,00 | 50,50 | 46,00 | NBR | LI | 02020 | | | | | | | |
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**RETENTOR COM REVESTIMENTO EXTERNO EM
ELASTÔMENTO E DUPLO LÁBIO DE VEDAÇÃO COM
MOLLA**



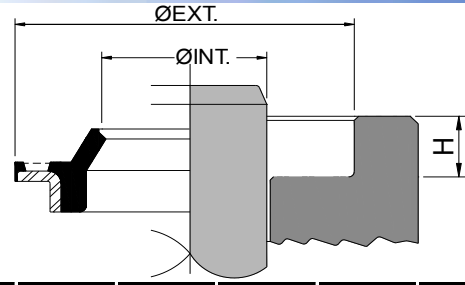
MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|-----------|-----|-----|-------|--------|--------|--------|---------|-----|-----|-----|
| 4174 | 35,00 | 45,15 | 15,0/24,0 | NBR | LI | 02336 | | | | | | | |
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AGGD

RASPADOR COM CARÇAÇA METÁLICA REVESTIDO EM ELASTÔMERO



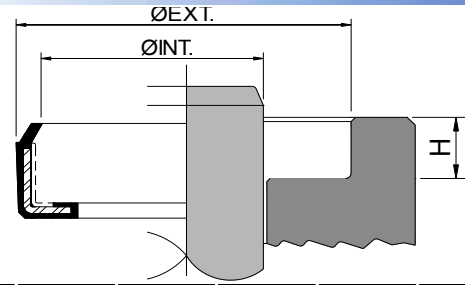
MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H 1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H 1 / H2 | MAT | ORI | REF |
|--------|--------|--------|----------|-----|-----|-----|--------|--------|--------|----------|-----|-----|-----|
| 1153 | 24,00 | 32,00 | 5,0/6,0 | NBR | LI | --- | | | | | | | |
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AGGQ

RASPADOR COM CARÇAÇA METÁLICA REVESTIDO EM ELASTÔMERO



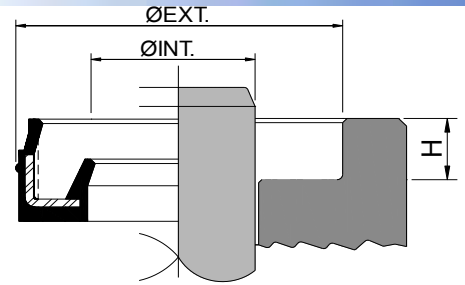
MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| AG7648 | 15,00 | 30,00 | 12,50 | NBR | LI | --- | | | | | | | |
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AGGQ1

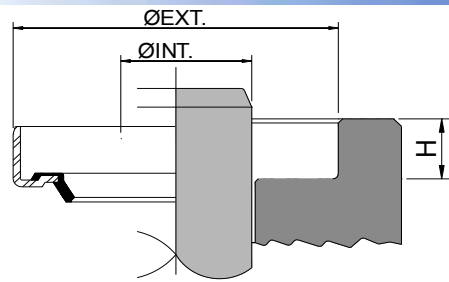
RASPADOR COM CARÇAÇA METÁLICA REVESTIDO EM ELASTÔMERO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 6711 | 15,50 | 30,80 | 11,50 | NBR | LI | --- | | | | | | | |
| AG7521 | 18,00 | 33,50 | 14,50 | NBR | LI | --- | | | | | | | |
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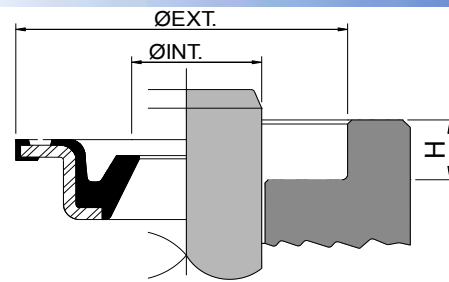
RASPADOR COM CARÇAÇA METÁLICA EXPOSTA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|----------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| 1023 | 50,00 | 62,00 | 5,0/7,0 | NBR | LI | --- | | | | | | | |
| 4695 | 56,00 | 70,00 | 8,0/10,0 | NBR | LI | --- | | | | | | | |
| 4798 | 70,00 | 90,00 | 9,0/11,0 | NBR | LI | --- | | | | | | | |

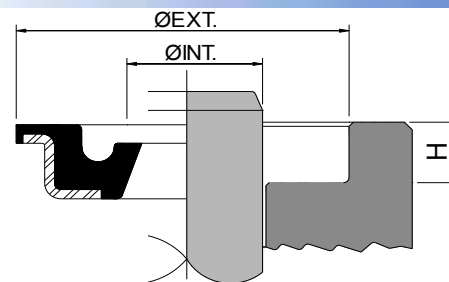
RASPADOR COM CARÇAÇA METÁLICA, REVESTIDO PARCIALMENTE EM ELASTÔMERO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 5733 | 23,00 | 32,00 | 4,50 | NBR | LI | --- | | | | | | | |
| 9799 | 27,00 | 33,40 | 5,00 | NBR | LI | --- | | | | | | | |

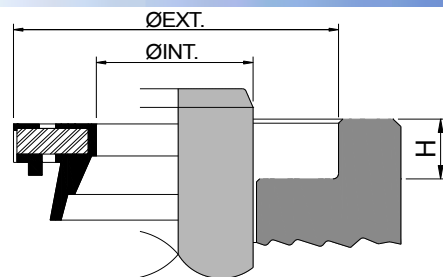
RASPADOR COM CARÇAÇA METÁLICA, REVESTIDO PARCIALMENTE EM ELASTÔMERO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|---------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| 5313 | 31,70 | 44,50 | 4,5/6,0 | NBR | LI | --- | | | | | | | |

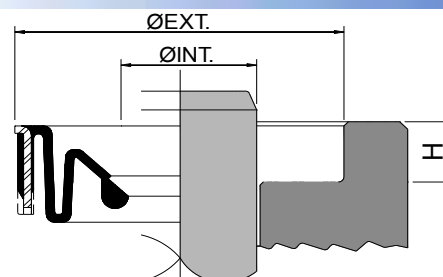
VEDADOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|---------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| 9712 | 31,00 | 43,00 | 3,0/7,5 | NBR | LI | --- | | | | | | | |
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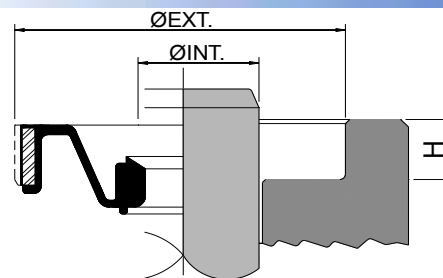
GUARDA PÓ COM REVESTIMENTO EXTERNO EM ELASTÔMERO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|------|------|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 6869 | 47,00 | 65,00 | 9,00 | EPDM | LI | --- | | | | | | | |
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GUARDA PÓ COM REVESTIMENTO EXTERNO EM ELASTÔMERO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|---------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| AG7685 | 47,00 | 67,00 | 5,0/6,0 | NBR | LI | --- | | | | | | | |
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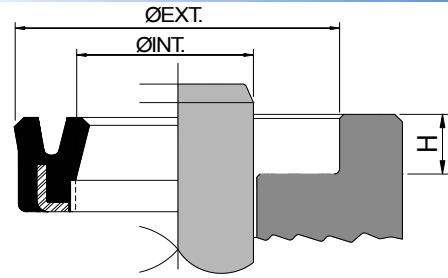


BRXE

RASPADOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO

MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-------|--------|--------|--------|---|-----|-----|-----|
| CX1256 | 55,00 | 70,00 | 12,00 | NBR | LI | 02517 | | | | | | | |
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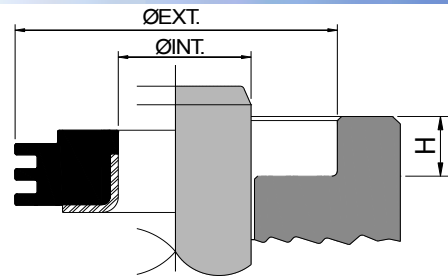


GGGX

RASPADOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO

MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|------|-----|-----|-------|--------|--------|--------|------|-----|-----|-----|
| 3357 | 44,45 | 66,70 | 7,00 | NBR | LI | --- | 3359 | 63,50 | 92,07 | 9,00 | NBR | LI | --- |
| 4222 | 50,00 | 80,00 | 8,30 | NBR | LI | --- | 4399 | 73,00 | 95,25 | 7,30 | NBR | LI | --- |
| 3358 | 50,80 | 73,00 | 6,50 | NBR | LI | --- | 3339 | 76,20 | 114,30 | 7,00 | NBR | LI | --- |
| 1960 | 52,40 | 74,70 | 8,40 | NBR | LI | 02026 | AX0237 | 88,90 | 125,00 | 8,00 | NBR | LI | --- |
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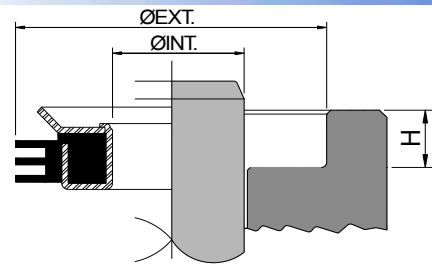


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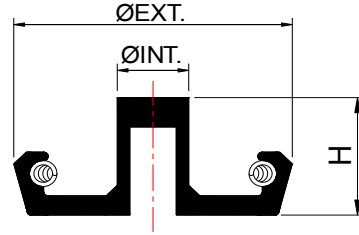
RASPADOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO COM CAPA DE PROTEÇÃO

MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|----------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| AG8406 | 38,00 | 59,00 | 8,0/10,0 | NBR | LI | --- | | | | | | | |
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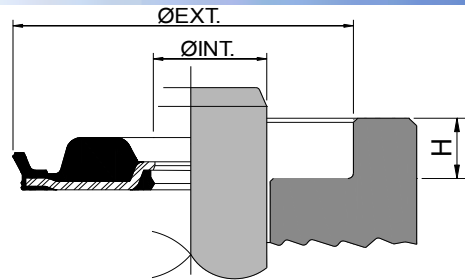
VEDADOR COM MOLA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF |
|--------|-------|--------|-------|-----|-----|-------|--------|-------|--------|---|-----|-----|-----|
| AG7677 | 5,00 | CS0806 | 14,00 | NBR | LI | 01102 | | | | | | | |
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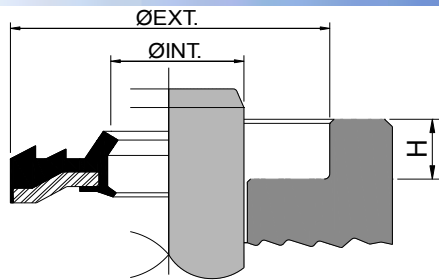
VEDADOR COM CARÇA METÁLICA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF |
|--------|-------|--------|------|-----|-----|-----|--------|-------|--------|---|-----|-----|-----|
| 4641 | 50,00 | 100,00 | 7,50 | NBR | LI | --- | | | | | | | |
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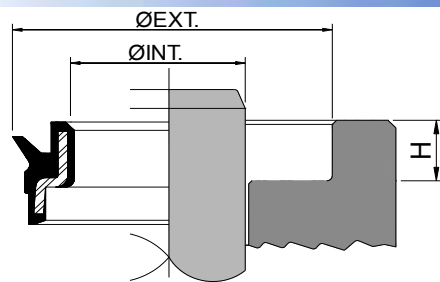
VEDADOR COM CARÇA METÁLICA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|-------|--------|---------|-----|-----|-----|--------|-------|--------|---------|-----|-----|-----|
| AG7211 | 17,60 | 29,80 | 3,5/4,4 | NBR | LI | --- | | | | | | | |
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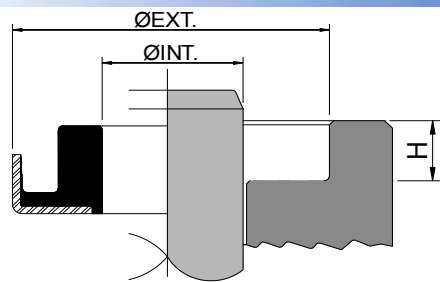
**RASPADOR COM REVESTIMENTO EM ELASTÔMERO
E LÁBIO DE VEDAÇÃO AUXILIAR**



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | | | | | | | |
|--------|--------|--------|-------|-----|-----|-------|--|--|--|--|--|--|--|
| AG7679 | 20,90 | 30,06 | 12,00 | NBR | LI | 01876 | | | | | | | |
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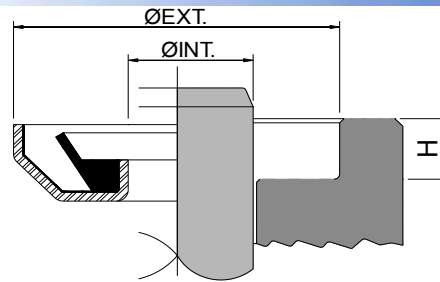
VEDADOR COM CARÇA METÁLICA EXPOSTA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|------|-----|-----|-------|--------|--------|--------|---|-----|-----|-----|
| 1532 | 85,70 | 107,95 | 7,90 | NBR | LI | 01900 | | | | | | | |
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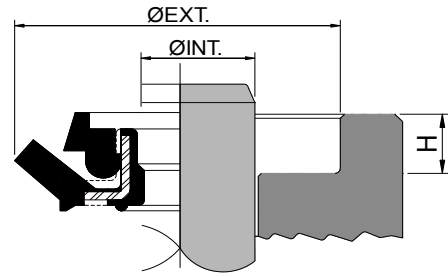
GUARDA PÓ COM CARÇA METÁLICA EXPOSTA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 3324 | 32,00 | 53,00 | 6,50 | NBR | LI | --- | | | | | | | |
| 6838 | 35,00 | 52,00 | 3,50 | NBR | LI | --- | | | | | | | |
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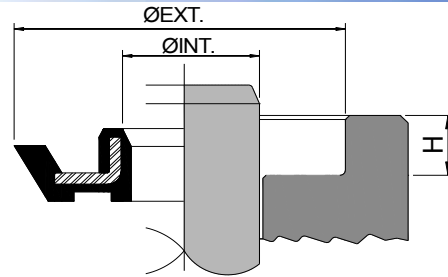
VEDADOR COM REVESTIMENTO EM ELASTÔMERO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 4442 | 50,80 | 70,00 | 7,50 | NBR | LI | --- | | | | | | | |
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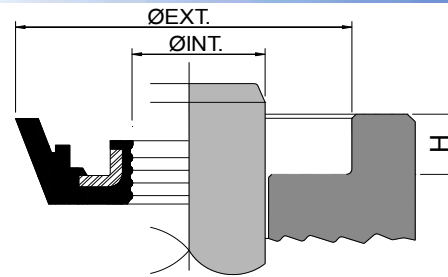
VEDADOR COM REVESTIMENTO EM ELASTÔMERO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 1968 | 57,15 | 84,13 | 9,00 | NBR | LI | --- | | | | | | | |
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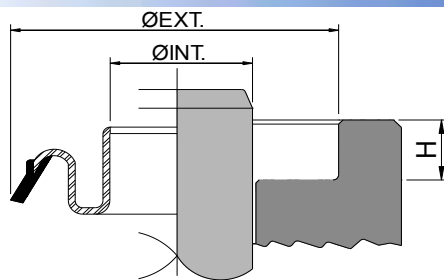
VEDADOR COM REVESTIMENTO EM ELASTÔMERO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 9754 | 16,00 | 32,00 | 8,00 | NBR | LI | --- | | | | | | | |
| 3482 | 75,00 | 90,00 | 6,50 | NBR | LI | --- | | | | | | | |
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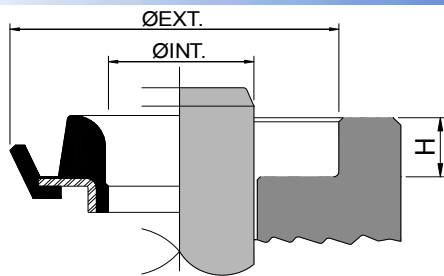
RASPADOR COM CARÇAÇA METÁLICA E LÁBIO RASPADOR



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF |
|--------|-------|--------|-------|-----|-----|-----|--------|-------|--------|---|-----|-----|-----|
| 4126 | 65,00 | 94,60 | 12,50 | NBR | LI | --- | | | | | | | |
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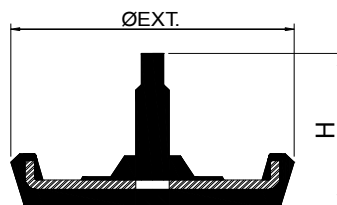
VEDADOR COM REVESTIMENTO EM ELASTÔMERO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF |
|--------|-------|--------|-------|-----|-----|-------|--------|-------|--------|---|-----|-----|-----|
| 4293 | 46,00 | 65,60 | 11,10 | NBR | LI | 01546 | | | | | | | |
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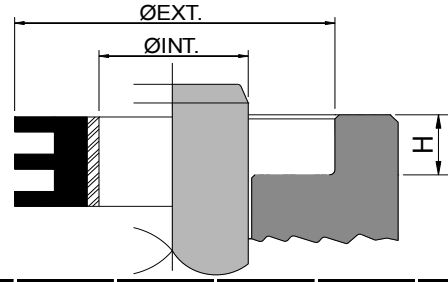
VEDADOR COM REVESTIMENTO EM ELASTÔMERO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT | Ø EXT. | H | MAT | ORI | REF |
|--------|-------|--------|-------|-----|-----|-------|--------|-------|--------|---|-----|-----|-----|
| AG7672 | 2,00 | 24,50 | 14,70 | NBR | LI | 10316 | | | | | | | |
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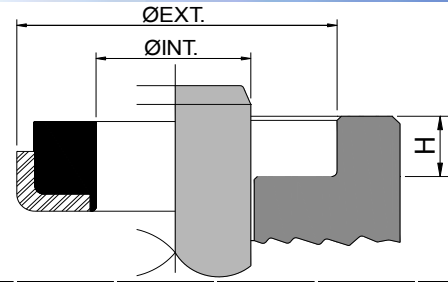
VEDADOR COM CARÇAÇA METÁLICA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 3327 | 56,50 | 65,00 | 6,30 | NBR | LI | --- | | | | | | | |
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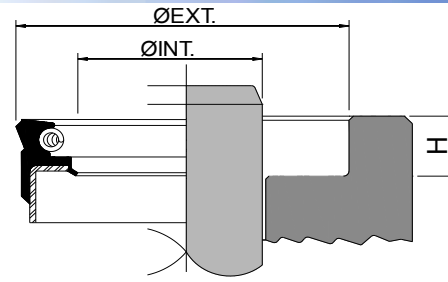
VEDADOR COM CARÇAÇA METÁLICA EXPOSTA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|----------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| 1552 | 73,00 | 90,00 | 7,0/10,5 | NBR | LI | --- | | | | | | | |
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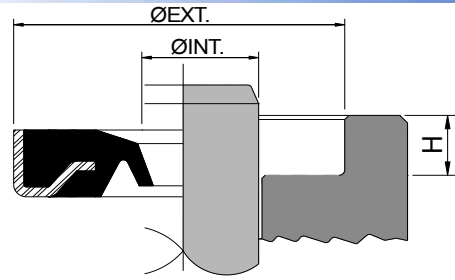
RETENTOR COM REVESTIMENTO EXTERNO EM ELASTÔMERO E LÁBIO DE VEDAÇÃO COM MOLLA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-------|--------|--------|--------|---|-----|-----|-----|
| 4694 | 74,50 | 80,10 | 22,00 | NBR | LI | 01874 | | | | | | | |
| 4636 | 143,00 | 150,00 | 27,00 | NBR | LI | 01090 | | | | | | | |
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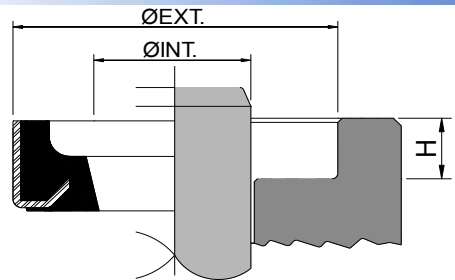
RASPADOR COM CARÇAÇA METÁLICA EXPOSTA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 3246 | 60,00 | 90,00 | 8,00 | PU | LI | --- | | | | | | | |
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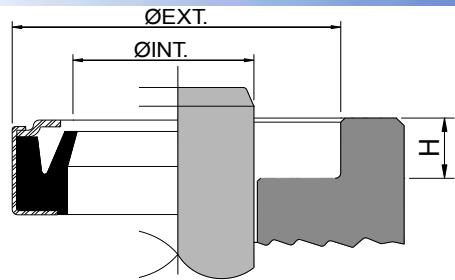
RASPADOR COM CARÇAÇA METÁLICA EXPOSTA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 6365 | 44,45 | 61,90 | 11,00 | PU | LI | --- | | | | | | | |
| 6438 | 53,97 | 73,02 | 11,00 | PU | LI | --- | | | | | | | |
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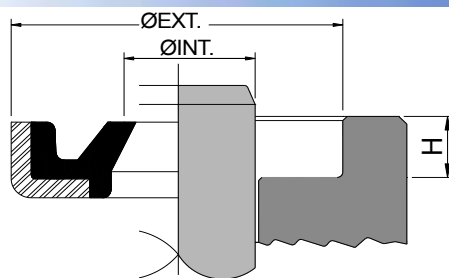
RASPADOR COM CARÇAÇA METÁLICA EXPOSTA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 3352 | 50,00 | 66,50 | 6,30 | NBR | LI | --- | | | | | | | |
| 3055 | 50,80 | 69,85 | 15,80 | PU | LI | --- | | | | | | | |
| 1354 | 50,80 | 70,00 | 9,50 | PU | LI | --- | | | | | | | |
| 1331 | 63,50 | 82,55 | 9,50 | PU | LI | --- | | | | | | | |
| AG7053 | 75,00 | 90,00 | 5,00 | PU | LI | --- | | | | | | | |
| 4669 | 110,00 | 125,00 | 9,00 | PU | LI | --- | | | | | | | |

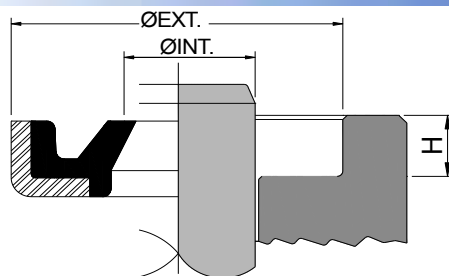
RASPADOR COM CARÇAÇA METÁLICA EXPOSTA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|------|-----|-----|-------|---------|--------|--------|-------|-----|-----|-------|
| TCS1012 | 7,95 | 15,88 | 3,96 | NBR | LI | --- | AG7681 | 35,00 | 45,00 | 7,00 | MVQ | LI | --- |
| 9882 | 10,00 | 15,30 | 2,00 | NBR | LI | --- | 5941 | 38,00 | 54,00 | 8,00 | NBR | LI | --- |
| AG8153 | 12,70 | 25,40 | 6,35 | PU | LI | --- | 1384 | 38,10 | 50,80 | 6,40 | PU | LI | --- |
| 9782 | 17,00 | 23,50 | 3,00 | NBR | LI | --- | 1455 | 38,10 | 50,80 | 8,00 | PU | LI | --- |
| AG8296 | 18,00 | 25,00 | 6,00 | NBR | LI | --- | 1340 | 38,10 | 57,15 | 9,50 | PU | LI | --- |
| 5220 | 19,00 | 25,40 | 3,50 | NBR | LI | 00888 | 6197 | 40,00 | 50,00 | 3,00 | NBR | LI | --- |
| AG7204 | 19,00 | 27,00 | 4,50 | NBR | LI | --- | 4908 | 40,00 | 50,00 | 5,00 | PU | LI | --- |
| 9180 | 19,00 | 31,70 | 6,30 | NBR | LI | --- | TCS0450 | 40,00 | 52,00 | 6,00 | NBR | LI | --- |
| TCS0278 | 19,05 | 25,40 | 3,18 | NBR | LI | --- | 5470 | 40,00 | 55,00 | 9,00 | NBR | LI | --- |
| AG7563 | 20,60 | 31,75 | 5,00 | NBR | LI | --- | 5931 | 41,28 | 47,62 | 3,20 | NBR | LI | --- |
| 6000 | 22,20 | 28,60 | 3,20 | NBR | LI | 02715 | AG8045 | 41,28 | 53,98 | 7,94 | PU | LI | --- |
| 5877 | 22,20 | 34,92 | 8,00 | PU | LI | --- | 1537 | 41,30 | 50,80 | 5,00 | NBR | LI | --- |
| 5608 | 25,00 | 32,00 | 4,00 | NBR | LI | 02265 | TCS0868 | 43,00 | 52,00 | 6,50 | NBR | LI | 02981 |
| AG7502 | 25,00 | 32,00 | 5,00 | NBR | LI | --- | TCS0477 | 43,66 | 65,05 | 12,70 | NBR | LI | --- |
| AG8291 | 25,00 | 35,00 | 4,80 | PU | LI | --- | 1342 | 44,00 | 57,00 | 6,50 | PU | LI | --- |
| TCS0329 | 25,00 | 35,00 | 5,00 | NBR | LI | 02107 | AG7589 | 44,45 | 50,80 | 3,20 | NBR | LI | --- |
| 4362 | 25,00 | 37,00 | 6,00 | PU | LI | --- | 1986 | 44,45 | 61,90 | 9,50 | PU | LI | --- |
| AG7803 | 25,33 | 31,75 | 3,18 | NBR | LI | --- | 4336 | 44,45 | 63,50 | 9,50 | PU | LI | --- |
| 5170 | 25,40 | 31,70 | 3,20 | NBR | LI | --- | 1454 | 44,50 | 57,15 | 8,00 | PU | LI | --- |
| 5939 | 25,40 | 38,10 | 8,00 | PU | LI | --- | 1536 | 44,50 | 63,50 | 8,00 | NBR | LI | --- |
| AG8293 | 28,00 | 35,00 | 4,00 | NBR | LI | --- | 5171 | 45,00 | 55,00 | 3,20 | PU | LI | --- |
| AG7668 | 28,00 | 40,00 | 5,00 | NBR | LI | 02106 | 3775 | 45,00 | 55,00 | 4,00 | NBR | LI | --- |
| 5960 | 28,60 | 34,90 | 3,20 | NBR | LI | 01539 | 4891 | 45,00 | 55,00 | 5,00 | PU | LI | --- |
| TCS0094 | 28,60 | 34,90 | 3,20 | NBR | LI | 01539 | 4909 | 45,00 | 60,00 | 4,00 | PU | LI | --- |
| 9778 | 28,60 | 35,00 | 2,50 | NBR | LI | --- | 1969 | 45,00 | 60,00 | 8,00 | PU | LI | --- |
| 6904 | 28,60 | 35,00 | 4,00 | NBR | LI | --- | 6211 | 46,00 | 70,00 | 6,50 | NBR | LI | --- |
| 5663 | 28,60 | 38,10 | 5,00 | NBR | LI | --- | TCS0609 | 47,00 | 63,00 | 6,00 | PU | LI | --- |
| 5231 | 28,60 | 41,30 | 9,00 | NBR | LI | --- | AG7484 | 47,60 | 65,00 | 9,50 | PU | LI | --- |
| TCS0825 | 30,20 | 42,00 | 6,00 | NBR | LI | --- | 6112 | 48,00 | 57,00 | 5,50 | NBR | LI | --- |
| 6830 | 31,75 | 42,92 | 5,00 | NBR | LI | --- | 6809 | 50,00 | 58,00 | 4,00 | NBR | LI | 01973 |
| 1514 | 31,75 | 44,45 | 8,00 | PU | LI | --- | 6198 | 50,00 | 60,00 | 4,00 | NBR | LI | --- |
| 5940 | 31,75 | 52,40 | 9,50 | NBR | LI | --- | 4836 | 50,00 | 60,00 | 5,00 | PU | LI | --- |
| CX7866 | 32,00 | 42,00 | 6,00 | NBR | LI | --- | 3273 | 50,00 | 63,00 | 4,00 | PU | LI | --- |
| TCS0822 | 32,00 | 42,00 | 6,00 | NBR | LI | --- | 4916 | 50,00 | 64,00 | 7,90 | PU | LI | --- |
| 9998 | 32,00 | 45,00 | 5,50 | PU | LI | --- | 4931 | 50,00 | 65,00 | 4,00 | PU | LI | --- |
| 9800 | 34,92 | 44,45 | 4,76 | PU | LI | --- | 1923 | 50,00 | 65,00 | 8,00 | PU | LI | --- |
| 6209 | 34,92 | 47,62 | 8,00 | NBR | LI | --- | AG7346 | 50,80 | 60,30 | 4,76 | PU | LI | --- |
| 5845 | 35,00 | 42,00 | 3,50 | NBR | LI | --- | 1505 | 50,80 | 60,30 | 6,40 | NBR | LI | --- |
| TCS0908 | 35,00 | 42,00 | 4,00 | NBR | LI | 02095 | 3477 | 50,80 | 60,30 | 7,00 | PU | LI | --- |
| 4963 | 35,00 | 45,00 | 5,00 | PU | LI | --- | 1344 | 50,80 | 63,50 | 6,50 | PU | LI | --- |

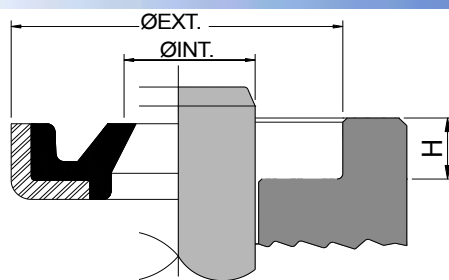
RASPADOR COM CARÇAÇA METÁLICA EXPOSTA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-------|--------|--------|--------|-------|-----|-----|-----|
| 1453 | 50,80 | 63,50 | 8,00 | PU | LI | --- | AX0149 | 69,85 | 88,90 | 6,35 | NBR | LI | --- |
| 1337 | 50,80 | 68,30 | 9,50 | PU | LI | --- | 1842 | 69,85 | 95,25 | 9,53 | PU | LI | --- |
| 1531 | 50,80 | 70,00 | 5,00 | NBR | LI | --- | 4930 | 70,00 | 80,00 | 4,00 | PU | LI | --- |
| 6071 | 52,00 | 65,00 | 8,00 | PU | LI | --- | 3504 | 70,00 | 80,00 | 5,50 | PU | LI | --- |
| AG7576 | 53,98 | 73,02 | 9,50 | PU | LI | --- | 1803 | 70,00 | 80,00 | 7,00 | NBR | LI | --- |
| 6190 | 54,00 | 63,50 | 5,00 | PU | LI | --- | 3480 | 70,00 | 80,00 | 7,00 | PU | LI | --- |
| 1950 | 54,00 | 65,00 | 3,20 | PU | LI | --- | 4896 | 70,00 | 83,50 | 6,00 | PU | LI | --- |
| 4964 | 55,00 | 70,00 | 6,00 | PU | LI | --- | AG7052 | 70,00 | 85,00 | 5,00 | PU | LI | --- |
| 4645 | 56,00 | 70,00 | 7,50 | PU | LI | --- | 1717 | 70,00 | 85,00 | 7,00 | PU | LI | --- |
| 1117 | 56,00 | 71,00 | 9,00 | NBR | LI | --- | 1917 | 71,00 | 86,00 | 5,00 | PU | LI | --- |
| CX6984 | 56,00 | 72,00 | 6,50 | PU | LI | --- | 4968 | 75,00 | 85,00 | 6,00 | PU | LI | --- |
| AG7857 | 57,15 | 66,68 | 4,78 | NBR | LI | --- | 4910 | 75,00 | 90,00 | 5,00 | PU | LI | --- |
| 1452 | 57,15 | 69,85 | 8,00 | PU | LI | --- | 1450 | 76,20 | 88,90 | 8,00 | PU | LI | --- |
| AG7515 | 57,15 | 73,00 | 6,35 | PU | LI | --- | AX0091 | 80,00 | 90,00 | 4,50 | PU | LI | --- |
| 1448 | 57,20 | 76,20 | 9,50 | PU | LI | --- | 3542 | 80,00 | 90,00 | 7,00 | PU | LI | --- |
| AG7826 | 57,20 | 82,60 | 6,50 | NBR | LI | 02316 | 3191 | 80,00 | 94,00 | 8,00 | NBR | LI | --- |
| AG7009 | 57,35 | 72,85 | 6,35 | PU | LI | --- | 1655 | 80,00 | 95,00 | 5,00 | PU | LI | --- |
| 6535 | 60,00 | 67,00 | 4,00 | NBR | LI | --- | 1926 | 80,00 | 100,00 | 10,00 | PU | LI | --- |
| 4462 | 60,00 | 70,00 | 5,00 | PU | LI | --- | 1388 | 82,55 | 95,25 | 8,00 | PU | LI | --- |
| 3478 | 60,00 | 70,00 | 7,00 | PU | LI | --- | 4666 | 82,55 | 98,43 | 7,94 | PU | LI | --- |
| AX0112 | 60,00 | 73,00 | 8,00 | PU | LI | --- | 4639 | 82,55 | 114,33 | 6,35 | NBR | LI | --- |
| 3820 | 60,00 | 74,00 | 8,00 | PU | LI | --- | AG8392 | 84,00 | 95,00 | 4,00 | PU | LI | --- |
| AG8470 | 60,00 | 75,00 | 4,00 | PU | LI | --- | 4461 | 85,00 | 95,00 | 5,00 | PU | LI | --- |
| 4949 | 60,00 | 75,00 | 5,00 | PU | LI | --- | 3483 | 85,00 | 95,00 | 7,00 | PU | LI | --- |
| 4955 | 60,00 | 75,00 | 6,00 | PU | LI | --- | 4892 | 85,00 | 100,00 | 5,00 | PU | LI | --- |
| 1947 | 60,00 | 75,00 | 7,50 | PU | LI | --- | 4863 | 85,00 | 100,00 | 8,00 | PU | LI | --- |
| 1341 | 60,30 | 79,40 | 9,50 | PU | LI | --- | 3515 | 88,90 | 101,60 | 8,00 | PU | LI | --- |
| 4915 | 63,00 | 75,00 | 7,90 | PU | LI | --- | 4676 | 88,90 | 104,77 | 7,94 | PU | LI | --- |
| 1451 | 63,50 | 76,20 | 8,00 | PU | LI | --- | 3679 | 88,90 | 104,77 | 8,00 | PU | LI | --- |
| 1827 | 63,50 | 77,80 | 9,50 | PU | LI | --- | 1364 | 88,90 | 114,30 | 13,00 | NBR | LI | --- |
| 1338 | 63,50 | 82,55 | 10,00 | PU | LI | --- | 3544 | 90,00 | 100,00 | 7,00 | PU | LI | --- |
| 1983 | 64,00 | 78,00 | 8,00 | PU | LI | --- | 4929 | 90,00 | 104,00 | 8,00 | PU | LI | --- |
| 3479 | 65,00 | 75,00 | 7,00 | PU | LI | --- | 4451 | 90,00 | 105,00 | 4,00 | PU | LI | --- |
| 4363 | 65,00 | 79,00 | 7,00 | PU | LI | --- | 3505 | 90,00 | 105,00 | 6,00 | PU | LI | --- |
| 4331 | 65,00 | 80,00 | 5,00 | PU | LI | --- | 4988 | 90,00 | 105,00 | 8,00 | PU | LI | --- |
| 4914 | 65,00 | 80,00 | 7,50 | PU | LI | --- | 4911 | 90,00 | 106,00 | 8,00 | PU | LI | --- |
| AX0092 | 65,00 | 85,00 | 5,00 | PU | LI | --- | 4995 | 90,00 | 110,00 | 8,00 | PU | LI | --- |
| 4643 | 69,47 | 82,55 | 8,00 | PU | LI | --- | 1925 | 90,00 | 110,00 | 10,00 | PU | LI | --- |
| AG7050 | 69,50 | 82,55 | 7,90 | PU | LI | --- | 4974 | 95,00 | 110,00 | 8,00 | PU | LI | --- |
| 1347 | 69,80 | 82,55 | 8,00 | PU | LI | --- | 1686 | 95,25 | 111,12 | 7,94 | PU | LI | --- |

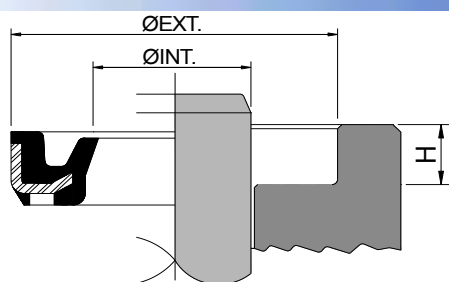
RASPADOR COM CARÇAÇA METÁLICA EXPOSTA



MEDIDAS DE APLICAÇÕES

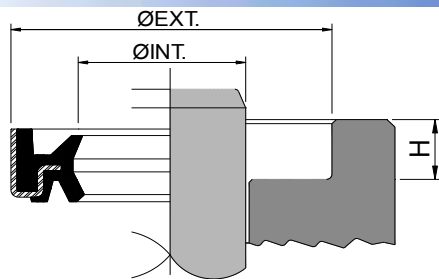
| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-----|--------|--------|--------|-------|-----|-----|-----|
| 1511 | 100,00 | 110,00 | 7,00 | PU | LI | --- | 4975 | 140,00 | 160,00 | 8,00 | NBR | LI | --- |
| AG7783 | 100,00 | 115,00 | 8,00 | PU | LI | --- | 4976 | 150,00 | 180,00 | 8,00 | NBR | LI | --- |
| 4965 | 100,00 | 116,00 | 8,00 | PU | LI | --- | 3506 | 190,00 | 210,00 | 10,00 | PU | LI | --- |
| 4811 | 100,00 | 120,00 | 10,00 | PU | LI | --- | | | | | | | |
| 4611 | 101,60 | 117,47 | 7,94 | PU | LI | --- | | | | | | | |
| 4986 | 103,00 | 116,00 | 4,00 | PU | LI | --- | | | | | | | |
| 4942 | 109,85 | 130,00 | 8,00 | PU | LI | --- | | | | | | | |
| 4928 | 110,00 | 120,00 | 7,00 | PU | LI | --- | | | | | | | |
| 4927 | 110,00 | 125,00 | 8,00 | PU | LI | --- | | | | | | | |
| 4906 | 119,85 | 140,00 | 8,00 | PU | LI | --- | | | | | | | |
| AG7784 | 120,00 | 130,17 | 7,00 | PU | LI | --- | | | | | | | |
| 4948 | 120,00 | 150,00 | 12,00 | PU | LI | --- | | | | | | | |
| 3685 | 125,00 | 138,00 | 4,00 | PU | LI | --- | | | | | | | |
| 3284 | 125,00 | 140,00 | 7,00 | NBR | LI | --- | | | | | | | |
| 3509 | 136,50 | 152,40 | 5,50 | NBR | LI | --- | | | | | | | |

RASPADOR COM CARÇAÇA METÁLICA EXPOSTA

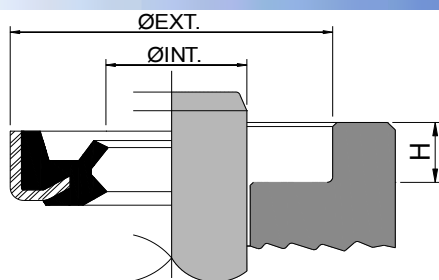


MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| 4887 | 44,45 | 57,15 | 6,35 | PU | LI | --- | | | | | | | |
| AX0123 | 59,50 | 80,00 | 7,00 | PU | LI | --- | | | | | | | |
| AX0118 | 63,50 | 88,90 | 6,35 | PU | LI | --- | | | | | | | |
| AX0120 | 64,50 | 85,00 | 7,00 | PU | LI | --- | | | | | | | |
| AX0122 | 69,50 | 90,00 | 7,00 | PU | LI | --- | | | | | | | |
| 4810 | 70,00 | 85,00 | 8,00 | PU | LI | --- | | | | | | | |
| AX0119 | 76,20 | 88,90 | 7,94 | PU | LI | --- | | | | | | | |
| 4809 | 80,00 | 95,00 | 8,00 | PU | LI | --- | | | | | | | |
| AX0121 | 89,50 | 110,00 | 7,00 | PU | LI | --- | | | | | | | |
| 4973 | 90,00 | 106,00 | 8,00 | PU | LI | --- | | | | | | | |
| 4944 | 100,00 | 116,00 | 8,00 | PU | LI | --- | | | | | | | |
| 4890 | 110,00 | 130,00 | 8,00 | PU | LI | --- | | | | | | | |

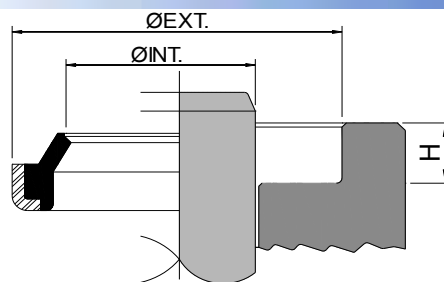
RASPADOR COM CARÇAÇA METÁLICA EXPOSTA**MEDIDAS DE APLICAÇÕES**

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-----|--------|--------|--------|---|-----|-----|-----|
| AX0037 | 49,95 | 69,00 | 11,00 | PU | LI | --- | | | | | | | |
| 4479 | 50,00 | 68,25 | 10,50 | PU | LI | --- | | | | | | | |
| AX0181 | 55,00 | 73,03 | 11,00 | PU | LI | --- | | | | | | | |
| 5985 | 55,00 | 74,00 | 10,50 | PU | LI | --- | | | | | | | |
| 1335 | 69,85 | 95,25 | 14,00 | PU | LI | --- | | | | | | | |
| 4846 | 70,00 | 90,50 | 14,00 | PU | LI | --- | | | | | | | |
| 4242 | 76,20 | 101,60 | 14,00 | PU | LI | --- | | | | | | | |
| 1357 | 82,55 | 107,95 | 14,50 | PU | LI | --- | | | | | | | |
| 4699 | 210,00 | 237,00 | 16,00 | PU | LI | --- | | | | | | | |
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RASPADOR COM CARÇAÇA METÁLICA EXPOSTA E LÁBIO DE VEDAÇÃO.**MEDIDAS DE APLICAÇÕES**

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|-------|-----|-----|-----|--------|--------|--------|-------|-----|-----|-----|
| 4862 | 65,00 | 80,00 | 6,00 | PU | LI | --- | 4982 | 110,00 | 125,00 | 5,00 | PU | LI | --- |
| 4918 | 65,00 | 85,00 | 6,00 | PU | LI | --- | 4987 | 110,00 | 130,00 | 10,00 | PU | LI | --- |
| 4861 | 70,00 | 85,00 | 6,00 | PU | LI | --- | 4983 | 115,00 | 130,00 | 5,00 | PU | LI | --- |
| 4926 | 70,00 | 85,00 | 8,00 | PU | LI | --- | 4984 | 120,00 | 135,00 | 5,00 | PU | LI | --- |
| 4917 | 75,00 | 95,00 | 7,00 | PU | LI | --- | | | | | | | |
| 4873 | 79,90 | 95,00 | 10,70 | PU | LI | --- | | | | | | | |
| 4860 | 80,00 | 95,00 | 6,00 | PU | LI | --- | | | | | | | |
| 4967 | 80,00 | 95,00 | 7,50 | PU | LI | --- | | | | | | | |
| 4912 | 80,00 | 100,00 | 6,00 | PU | LI | --- | | | | | | | |
| 4978 | 90,00 | 105,00 | 5,00 | PU | LI | --- | | | | | | | |
| 4979 | 95,00 | 110,00 | 5,00 | PU | LI | --- | | | | | | | |
| 4980 | 100,00 | 115,00 | 5,00 | PU | LI | --- | | | | | | | |
| 4981 | 105,00 | 120,00 | 5,00 | PU | LI | --- | | | | | | | |
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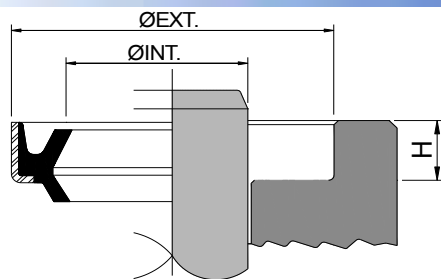
RASPADOR COM CARÇAÇA METÁLICA EXPOSTA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|---------|--------|--------|----------|-----|-----|-------|--------|--------|--------|----------|-----|-----|-----|
| AG7676 | 10,00 | 16,00 | 3,0/5,0 | NBR | LI | --- | 3115 | 84,00 | 99,00 | 8,0/11,0 | PU | LI | --- |
| AG7579 | 10,00 | 16,00 | 5,0/6,7 | NBR | LI | --- | 1525 | 84,10 | 95,25 | 7,0/9,5 | PU | LI | --- |
| 5633 | 15,00 | 25,00 | 5,0/8,0 | PU | LI | --- | 3417 | 85,00 | 99,00 | 8,0/13,0 | PU | LI | --- |
| 9718 | 16,00 | 22,00 | 3,0/4,0 | NBR | LI | --- | 3543 | 90,00 | 100,00 | 7,5/11,0 | PU | LI | --- |
| AG7580 | 16,00 | 26,00 | 5,0/8,0 | NBR | LI | --- | 3401 | 90,00 | 100,00 | 7,0/10,0 | NBR | LI | --- |
| 9558 | 16,00 | 26,00 | 5,0/8,0 | FPM | LI | --- | 3362 | 90,00 | 104,00 | 8,0/13,0 | PU | LI | --- |
| 9719 | 18,00 | 28,00 | 7,0/11,5 | NBR | LI | --- | 4785 | 100,00 | 116,00 | 8,0/10,0 | PU | LI | --- |
| AG7578 | 22,00 | 28,00 | 5,0/8,0 | NBR | LI | --- | 4339 | 110,00 | 120,00 | 7,0/10,0 | PU | LI | --- |
| 9278 | 22,20 | 31,80 | 4,8/7,0 | NBR | LI | --- | AG8093 | 110,00 | 126,00 | 9,0/12,0 | PU | LI | --- |
| AG7671 | 25,00 | 35,00 | 5,0/7,0 | NBR | LI | 02261 | 3241 | 125,00 | 140,00 | 9,0/12,0 | NBR | LI | --- |
| AG7467 | 25,00 | 35,00 | 7,0/10,0 | PU | LI | --- | 3145 | 140,00 | 155,00 | 9,0/12,0 | NBR | LI | --- |
| 9097 | 30,00 | 40,00 | 5,0/8,0 | PU | LI | --- | 3242 | 150,00 | 165,00 | 9,0/12,0 | NBR | LI | --- |
| TCS0995 | 30,00 | 40,00 | 7,0/10,0 | NBR | LI | --- | | | | | | | |
| 9094 | 30,00 | 42,00 | 5,0/8,0 | PU | LI | --- | | | | | | | |
| 6164 | 32,00 | 42,00 | 7,0/10,0 | NBR | LI | --- | | | | | | | |
| 5218 | 32,00 | 45,00 | 4,0/8,0 | NBR | LI | --- | | | | | | | |
| 9826 | 35,00 | 45,00 | 7,0/9,5 | NBR | LI | --- | | | | | | | |
| TCS1011 | 36,00 | 46,00 | 7,0/10,0 | NBR | LI | --- | | | | | | | |
| AG8243 | 38,00 | 48,00 | 7,0/10,0 | PU | LI | --- | | | | | | | |
| 4493 | 38,00 | 53,00 | 5,0/8,0 | NBR | LI | --- | | | | | | | |
| 1523 | 40,00 | 50,00 | 6,5/10,0 | NBR | LI | --- | | | | | | | |
| 3395 | 40,00 | 52,00 | 7,0/10,0 | PU | LI | --- | | | | | | | |
| AG7471 | 45,00 | 57,00 | 7,0/10,0 | PU | LI | --- | | | | | | | |
| 1545 | 47,00 | 57,15 | 7,0/9,5 | PU | LI | --- | | | | | | | |
| 3396 | 50,00 | 62,00 | 7,0/10,0 | PU | LI | --- | | | | | | | |
| 1520 | 50,00 | 65,00 | 7,0/10,0 | PU | LI | --- | | | | | | | |
| 4913 | 55,00 | 65,00 | 5,0/7,0 | PU | LI | --- | | | | | | | |
| 1540 | 55,00 | 66,00 | 7,5/10,0 | PU | LI | --- | | | | | | | |
| 6196 | 55,60 | 65,10 | 7,5/10,0 | PU | LI | --- | | | | | | | |
| 1656 | 56,00 | 70,00 | 8,0/10,5 | NBR | LI | --- | | | | | | | |
| 3886 | 57,00 | 70,00 | 5,0/8,0 | NBR | LI | --- | | | | | | | |
| 4946 | 57,15 | 73,00 | 6,3/8,5 | PU | LI | --- | | | | | | | |
| 1509 | 60,00 | 70,00 | 7,5/9,5 | NBR | LI | --- | | | | | | | |
| 3397 | 63,00 | 77,00 | 8,0/11,0 | PU | LI | --- | | | | | | | |
| 6123 | 65,00 | 75,00 | 7,0/10,0 | PU | LI | --- | | | | | | | |
| 3540 | 70,00 | 80,00 | 7,0/11,0 | PU | LI | --- | | | | | | | |
| AG8018 | 75,00 | 83,00 | 7,0/9,7 | NBR | LI | --- | | | | | | | |
| 4784 | 75,00 | 90,00 | 5,0/7,0 | PU | LI | --- | | | | | | | |
| 3541 | 80,00 | 90,00 | 7,0/11,0 | PU | LI | --- | | | | | | | |
| 3341 | 80,00 | 94,00 | 8,0/13,0 | PU | LI | --- | | | | | | | |

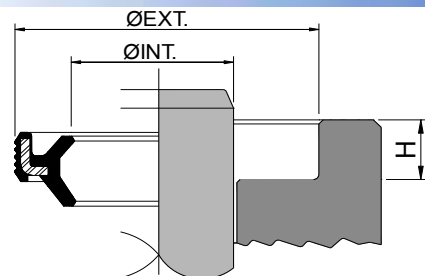
RASPADOR COM CARÇAÇA METÁLICA EXPOSTA



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|---------|--------|--------|----------|-----|-----|-------|--------|--------|--------|----------|-----|-----|-----|
| TCS0133 | 17,80 | 32,15 | 5,5/8,5 | NBR | LI | 02216 | 4408 | 85,00 | 99,00 | 8,0/11,0 | PU | LI | --- |
| 6194 | 35,00 | 45,00 | 6,5/9,0 | NBR | LI | --- | 3491 | 95,00 | 109,00 | 8,0/11,0 | PU | LI | --- |
| 6195 | 35,00 | 47,00 | 6,5/9,0 | NBR | LI | --- | AX0075 | 100,00 | 110,00 | 7,0/10,0 | PU | LI | --- |
| AG8431 | 40,00 | 54,00 | 8,0/13,0 | PU | LI | --- | 3368 | 100,00 | 114,00 | 8,0/11,0 | PU | LI | --- |
| 1529 | 45,00 | 55,00 | 7,0/10,0 | PU | LI | --- | 4839 | 112,00 | 124,00 | 7,0/10,0 | PU | LI | --- |
| 9215 | 45,00 | 59,00 | 8,0/13,0 | PU | LI | --- | | | | | | | |
| 3014 | 46,00 | 57,00 | 7,0/10,0 | NBR | LI | --- | | | | | | | |
| 1508 | 50,00 | 60,00 | 7,0/9,5 | PU | LI | --- | | | | | | | |
| 6144 | 50,00 | 62,00 | 7,0/10,0 | PU | LI | --- | | | | | | | |
| AG8381 | 50,00 | 64,00 | 8,0/13,0 | PU | LI | --- | | | | | | | |
| AG7767 | 55,00 | 67,00 | 6,5/10,0 | PU | LI | --- | | | | | | | |
| 3013 | 55,00 | 69,00 | 8,0/10,0 | PU | LI | --- | | | | | | | |
| AG7366 | 56,00 | 68,00 | 7,0/10,0 | PU | LI | --- | | | | | | | |
| AG7380 | 63,00 | 75,00 | 7,0/10,0 | PU | LI | --- | | | | | | | |
| AG7814 | 65,00 | 79,00 | 8,0/11,0 | PU | LI | --- | | | | | | | |
| 3015 | 66,00 | 79,00 | 8,0/9,5 | PU | LI | --- | | | | | | | |
| 3051 | 70,00 | 84,00 | 8,0/10,0 | PU | LI | --- | | | | | | | |
| 3046 | 75,00 | 89,00 | 8,0/11,0 | PU | LI | --- | | | | | | | |
| 3052 | 80,00 | 94,00 | 8,0/11,0 | PU | LI | --- | | | | | | | |

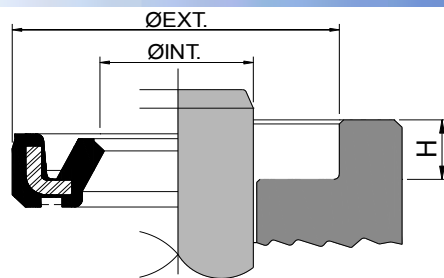
RASPADOR COM REVESTIMENTO EM ELASTÔMERO E LÁBIO DE VEDAÇÃO.



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|---------|-----|-----|-----|--------|--------|--------|---------|-----|-----|-----|
| 9645 | 12,00 | 20,00 | 4,0/6,0 | NBR | LI | --- | | | | | | | |
| 9814 | 14,00 | 22,00 | 5,0/7,0 | NBR | LI | --- | | | | | | | |
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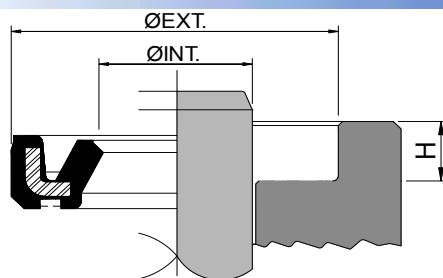
RASPADOR COM REVESTIMENTO EM ELASTÔMERO



MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|---------|--------|--------|-------|------|-----|-------|---------|--------|--------|------|------|-----|-------|
| TCS0162 | 5,00 | 9,00 | 2,00 | NBR | LI | --- | 9581 | 18,00 | 24,00 | 3,00 | NBR | LI | --- |
| TCS0164 | 6,00 | 10,00 | 2,00 | NBR | LI | --- | TCS0261 | 18,00 | 24,00 | 3,00 | NBR | LI | --- |
| TCS0165 | 6,00 | 11,00 | 4,00 | ACM | LI | --- | TCS0989 | 19,05 | 35,00 | 6,00 | NBR | LI | --- |
| TCS0169 | 6,53 | 11,00 | 2,00 | NBR | LI | --- | TCS0687 | 20,00 | 26,00 | 3,00 | NBR | LI | --- |
| TCS0170 | 6,53 | 11,00 | 2,00 | FPM | LI | --- | TCS0283 | 20,00 | 26,00 | 4,00 | NBR | LI | 02573 |
| TCS0173 | 7,50 | 12,10 | 12,00 | NBR | LI | --- | 6308 | 20,00 | 28,00 | 4,00 | FPM | LI | 02641 |
| TCS0178 | 9,00 | 13,00 | 3,00 | NBR | LI | --- | 6589 | 20,00 | 28,00 | 4,00 | NBR | LI | 02641 |
| TCS0179 | 9,00 | 16,00 | 3,00 | NBR | LI | --- | 9220 | 20,00 | 28,00 | 4,00 | MVQ | LI | --- |
| TCS0182 | 9,53 | 14,00 | 3,00 | NBR | LI | --- | 9438 | 20,00 | 28,00 | 4,00 | HNBR | LI | --- |
| TCS0181 | 9,53 | 15,88 | 4,57 | NBR | LI | --- | 5968 | 20,00 | 47,00 | 7,00 | HNBR | LI | --- |
| TCS0183 | 10,00 | 14,00 | 2,50 | NBR | LI | --- | AG7701 | 20,00 | 47,00 | 7,00 | MVQ | LI | --- |
| TCS0184 | 10,00 | 17,00 | 3,00 | NBR | LI | --- | AG7987 | 20,00 | 47,00 | 7,00 | NBR | LI | --- |
| TCS0185 | 10,00 | 18,00 | 5,00 | NBR | LI | --- | TCS0307 | 22,00 | 29,00 | 4,00 | NBR | LI | --- |
| TCS0187 | 10,00 | 20,00 | 6,10 | NBR | LI | --- | TCS0315 | 22,00 | 42,00 | 5,00 | NBR | LI | --- |
| TCS0190 | 10,00 | 26,00 | 3,00 | NBR | LI | --- | CX5928 | 23,00 | 29,80 | 4,00 | NBR | LI | --- |
| 6155 | 10,00 | 26,50 | 3,70 | FPM | LI | --- | 3279 | 25,00 | 31,00 | 7,00 | NBR | LI | --- |
| 6582 | 12,00 | 18,00 | 3,00 | NBR | LI | 02638 | 6309 | 25,00 | 32,00 | 4,00 | FPM | LI | 02588 |
| 6583 | 12,00 | 18,00 | 3,00 | FPM | LI | --- | AG7687 | 25,00 | 32,00 | 4,00 | MVQ | LI | --- |
| 9555 | 12,00 | 18,00 | 3,00 | HNBR | LI | --- | 6592 | 25,00 | 32,00 | 4,00 | NBR | LI | 02588 |
| TCS0192 | 12,00 | 19,00 | 3,00 | NBR | LI | --- | 9382 | 25,00 | 32,00 | 7,00 | NBR | LI | --- |
| TCS0195 | 12,00 | 24,00 | 4,00 | NBR | LI | --- | TCS0334 | 25,00 | 38,00 | 5,00 | NBR | LI | --- |
| TCS0205 | 12,00 | 32,00 | 3,00 | NBR | LI | --- | 5669 | 25,00 | 40,00 | 5,00 | NBR | LI | 01295 |
| TCS0209 | 12,70 | 20,40 | 4,50 | NBR | LI | --- | AG7702 | 25,00 | 52,00 | 7,00 | MVQ | LI | --- |
| TCS0214 | 13,50 | 30,00 | 3,00 | NBR | LI | --- | AG7988 | 25,00 | 52,00 | 7,00 | NBR | LI | --- |
| AG7286 | 15,00 | 21,00 | 3,00 | NBR | LI | 02589 | 9144 | 25,00 | 52,00 | 7,00 | FPM | LI | --- |
| 6313 | 15,00 | 23,00 | 3,00 | FPM | LI | 02639 | 6234 | 27,00 | 33,30 | 3,20 | NBR | LI | --- |
| 6484 | 15,00 | 23,00 | 3,00 | NBR | LI | 02639 | 6235 | 27,00 | 37,30 | 3,20 | NBR | LI | --- |
| AG7967 | 15,00 | 23,00 | 3,00 | NBR | LI | --- | CX6043 | 28,00 | 38,00 | 7,00 | NBR | LI | 01886 |
| AG8469 | 15,00 | 23,00 | 3,00 | MVQ | LI | --- | 6864 | 28,60 | 35,00 | 4,00 | NBR | LI | --- |
| AG7698 | 15,00 | 35,00 | 7,00 | MVQ | LI | --- | 3883 | 30,00 | 37,00 | 4,00 | NBR | LI | 02643 |
| AG7985 | 15,00 | 35,00 | 7,00 | NBR | LI | --- | 6310 | 30,00 | 37,00 | 4,00 | FPM | LI | --- |
| AG8255 | 15,00 | 35,00 | 7,00 | NBR | LI | --- | AG8256 | 30,00 | 37,00 | 4,00 | HNBR | LI | --- |
| TCS0241 | 15,88 | 20,65 | 2,36 | NBR | LI | --- | 9093 | 30,00 | 62,00 | 7,00 | HNBR | LI | --- |
| 9711 | 16,35 | 26,50 | 4,00 | FPM | LI | --- | 9526 | 30,00 | 62,00 | 7,00 | MVQ | LI | --- |
| 6312 | 17,00 | 25,00 | 3,00 | FPM | LI | 02640 | AG7989 | 30,00 | 62,00 | 7,00 | NBR | LI | --- |
| 6586 | 17,00 | 25,00 | 3,00 | NBR | LI | 02640 | 9388 | 30,20 | 42,00 | 6,00 | NBR | LI | --- |
| AG8449 | 17,00 | 25,00 | 3,00 | HNBR | LI | --- | TCS0407 | 31,50 | 41,00 | 4,00 | NBR | LI | --- |
| AG7706 | 17,00 | 35,00 | 5,00 | NBR | LI | --- | CX9808 | 32,00 | 42,00 | 5,00 | NBR | LI | --- |
| AG7699 | 17,00 | 40,00 | 7,00 | MVQ | LI | --- | CX6104 | 32,00 | 45,00 | 7,00 | NBR | LI | 02987 |
| AG7986 | 17,00 | 40,00 | 7,00 | NBR | LI | --- | CX9406 | 32,00 | 46,00 | 6,00 | NBR | LI | --- |

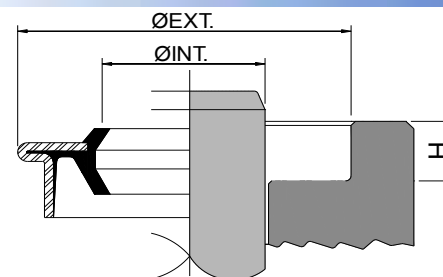
RASPADOR COM REVESTIMENTO EM ELASTÔMERO



MEDIDAS DE APLICAÇÕES

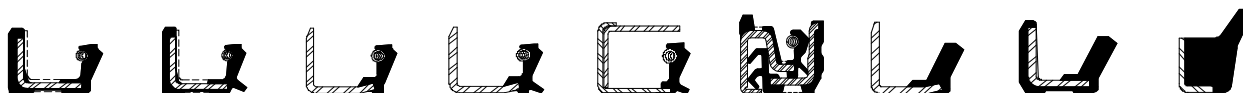
| CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H | MAT | ORI | REF |
|--------|--------|--------|------|----------|-----|-------|--------|--------|--------|-------|----------|-----|-------|
| CX9391 | 32,50 | 44,85 | 3,70 | NBR | LI | --- | AG7726 | 45,00 | 55,00 | 4,00 | MVQ | LI | --- |
| 9073 | 33,30 | 39,70 | 3,50 | NBR | LI | --- | 6315 | 45,00 | 55,00 | 4,00 | FPM | LI | , |
| 9365 | 33,30 | 46,00 | 4,00 | HNBR | LI | --- | CX6056 | 45,00 | 62,00 | 8,00 | NBR | LI | 01760 |
| 9072 | 33,30 | 46,00 | 5,00 | FPM/PTFE | LI | --- | AG8060 | 50,00 | 62,00 | 7,00 | FPM | LI | --- |
| 6311 | 35,00 | 42,00 | 4,00 | FPM | LI | 02632 | CX6091 | 50,00 | 68,00 | 8,50 | NBR | LI | 01847 |
| 6373 | 35,00 | 42,00 | 4,00 | NBR | LI | 02632 | 6316 | 55,00 | 65,00 | 5,00 | FPM | LI | 02635 |
| 9408 | 35,00 | 42,00 | 4,00 | MVQ | LI | --- | 6380 | 55,00 | 65,00 | 5,00 | NBR | LI | 02635 |
| 5011 | 35,00 | 45,00 | 4,00 | NBR | LI | --- | CX8552 | 55,00 | 73,00 | 8,50 | NBR | LI | --- |
| 6601 | 35,00 | 45,00 | 7,00 | FPM | LI | --- | 3858 | 60,00 | 72,00 | 6,00 | NBR | LI | 02636 |
| AG7150 | 35,00 | 52,00 | 6,00 | FPM | LI | --- | 6317 | 60,00 | 72,00 | 6,00 | FPM | LI | 02636 |
| AG7703 | 35,00 | 72,00 | 7,00 | MVQ | LI | --- | AG8218 | 60,00 | 72,00 | 6,00 | HNBR | LI | --- |
| AG7990 | 35,00 | 72,00 | 7,00 | NBR | LI | --- | 3857 | 70,00 | 85,00 | 7,00 | NBR | LI | 02637 |
| AG8183 | 35,00 | 72,00 | 7,00 | HNBR | LI | --- | 6318 | 70,00 | 85,00 | 7,00 | FPM | LI | 02637 |
| 3933 | 40,00 | 50,00 | 4,00 | NBR | LI | 02633 | AG7410 | 70,00 | 85,00 | 7,00 | MVQ | LI | --- |
| 6314 | 40,00 | 50,00 | 4,00 | FPM | LI | 02633 | 4620 | 70,00 | 100,00 | 7,00 | FPM | LI | --- |
| 6651 | 40,00 | 50,00 | 4,00 | MVQ | LI | --- | 6319 | 80,00 | 100,00 | 10,00 | FPM | LI | --- |
| AG8461 | 40,00 | 50,00 | 4,00 | HNBR | LI | --- | AG7718 | 80,00 | 100,00 | 10,00 | MVQ | LI | --- |
| CX6031 | 40,00 | 56,00 | 8,50 | NBR | LI | 01759 | 4163 | 80,00 | 105,00 | 13,00 | FPM | LI | --- |
| AG7704 | 40,00 | 90,00 | 7,00 | MVQ | LI | --- | 4403 | 85,00 | 110,00 | 12,00 | FPM | LI | --- |
| 5932 | 41,28 | 53,98 | 4,00 | NBR | LI | --- | 4218 | 95,00 | 115,00 | 13,00 | FPM | LI | --- |
| AG7590 | 44,45 | 63,50 | 4,00 | FPM | LI | --- | 4486 | 110,00 | 140,00 | 13,00 | FPM/INOX | LI | --- |
| 4453 | 45,00 | 52,00 | 4,00 | NBR | LI | --- | | | | | | | |
| 6379 | 45,00 | 55,00 | 4,00 | NBR | LI | 02634 | | | | | | | |

RASPADOR COM CARÇA METÁLICA EXPOSTA E LÁBIO DE VEDAÇÃO.



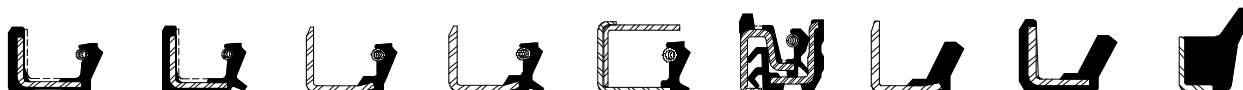
MEDIDAS DE APLICAÇÕES

| CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF | CÓDIGO | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | REF |
|--------|--------|--------|----------|-----|-----|-----|--------|--------|--------|----------|-----|-----|-----|
| AG8281 | 25,00 | 36,50 | 6,0/8,0 | NBR | LI | --- | 4648 | 40,00 | 53,00 | 8,0/10,0 | NBR | LI | --- |
| AG7555 | 28,00 | 40,00 | 8,3/9,6 | NBR | LI | --- | | | | | | | |
| 9104 | 30,00 | 44,00 | 8,0/10,0 | NBR | LI | --- | | | | | | | |
| 4649 | 35,00 | 52,00 | 8,0/10,0 | NBR | LI | --- | | | | | | | |
| 4651 | 38,00 | 53,00 | 8,0/10,0 | NBR | LI | --- | | | | | | | |



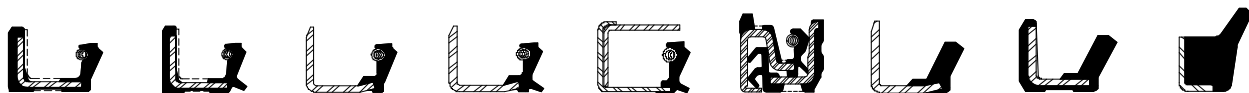
REFERÊNCIA DE MERCADO

| REF | CÓDIGO | MOD. | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | MOD. | Ø INT. | Ø EXT. | H | MAT | ORI |
|-------|---------|------|--------|--------|-------|-----|-----|-------|---------|------|--------|--------|-------|-----|-----|
| 00002 | TCS0037 | B | 81,00 | 117,50 | 14,30 | NBR | LI | 00284 | 4749 | BR | 35,00 | 55,50 | 6,40 | NBR | LI |
| 00005 | 1405 | B | 52,40 | 80,95 | 11,50 | NBR | LI | 00285 | 9422 | BA | 27,00 | 38,10 | 6,40 | NBR | LI |
| 00006 | TCS0716 | BAS | 54,00 | 77,80 | 12,70 | MVO | LI | 00285 | TCS0926 | BA | 27,00 | 38,10 | 6,40 | NBR | LI |
| 00007 | TCS0038 | B | 98,50 | 144,45 | 19,00 | NBR | LI | 00286 | 9965 | BR | 15,90 | 25,40 | 4,50 | NBR | LI |
| 00012 | 1547 | BA | 44,80 | 61,40 | 12,00 | NBR | LI | 00288 | 5910 | BR | 42,00 | 56,00 | 7,00 | NBR | LI |
| 00013 | TCS0398 | BRG | 57,10 | 76,20 | 12,70 | NBR | LI | 00289 | 9938 | BAG | 12,00 | 22,00 | 7,00 | NBR | LI |
| 00014 | AG7564 | BG | 57,20 | 92,00 | 18,00 | NBR | LI | 00291 | TCS0622 | B | 49,20 | 76,05 | 12,70 | NBR | LI |
| 00019 | 3335 | BRG | 38,10 | 63,50 | 12,70 | NBR | LI | 00310 | 4591 | BG | 127,00 | 165,10 | 16,00 | NBR | LI |
| 00021 | TCS0039 | BG | 60,33 | 88,42 | 11,13 | NBR | LI | 00329 | 5233 | BR | 19,00 | 28,60 | 6,30 | NBR | LI |
| 00025 | TCS0041 | B | 85,70 | 119,00 | 12,70 | NBR | LI | 00334 | TCS0044 | BAG | 60,30 | 92,00 | 12,00 | NBR | LI |
| 00028 | TCS0042 | B | 31,70 | 50,70 | 11,00 | NBR | LI | 00343 | CX9183 | BR | 31,70 | 44,50 | 8,00 | NBR | LI |
| 00033 | TCS0901 | BG | 35,00 | 63,50 | 12,70 | NBR | LI | 00357 | TCS0597 | BA | 76,20 | 101,60 | 12,70 | NBR | LI |
| 00036 | 4749 | BR | 60,00 | 80,00 | 8,00 | NBR | LI | 00357 | TCS0045 | BA | 76,20 | 101,65 | 12,00 | NBR | LI |
| 00037 | 9422 | B | 53,90 | 73,00 | 12,70 | NBR | LI | 00358 | TCS0779 | BRG | 30,00 | 50,00 | 10,00 | NBR | LI |
| 00046 | TCS0926 | BR | 75,00 | 95,10 | 13,00 | NBR | LI | 00359 | TCS0936 | BR | 45,00 | 65,00 | 10,00 | NBR | LI |
| 00049 | 9965 | BAG | 38,10 | 60,33 | 12,70 | NBR | LI | 00378 | TCS0046 | B | 63,50 | 89,90 | 12,00 | NBR | LI |
| 00054 | 5910 | BR | 28,60 | 39,70 | 9,50 | NBR | LI | 00379 | 1470 | BR | 66,70 | 95,25 | 12,70 | NBR | LI |
| 00081 | 9938 | B | 69,90 | 98,45 | 12,70 | NBR | LI | 00420 | TCS0047 | BR | 125,00 | 150,35 | 13,00 | NBR | LI |
| 00085 | TCS0622 | BG | 87,30 | 120,80 | 14,30 | NBR | LI | 00421 | 4748 | BAGG | 73,00 | 101,60 | 11,50 | NBR | BI |
| 00116 | 4591 | BG | 73,00 | 101,60 | 12,70 | NBR | LI | 00459 | AG7591 | BRGF | 55,00 | 80,00 | 10,00 | FPM | LI |
| 00118 | 5233 | BAG | 22,00 | 35,00 | 10,00 | NBR | LI | 00460 | TCS0517 | BR | 62,00 | 85,00 | 10,00 | NBR | LI |
| 00120 | TCS0044 | BAG | 63,50 | 88,90 | 12,70 | NBR | LI | 00463 | TCS0048 | BR | 25,00 | 52,00 | 10,00 | NBR | LI |
| 00123 | CX9183 | BG | 101,60 | 126,90 | 12,70 | NBR | LI | 00479 | 1458 | BR | 38,00 | 52,00 | 10,00 | NBR | LI |
| 00128 | TCS0597 | BR | 44,50 | 66,65 | 12,70 | NBR | LI | 00485 | TCS0049 | BA | 35,00 | 47,00 | 7,00 | NBR | LI |
| 00131 | TCS0045 | BR | 30,00 | 47,00 | 10,00 | NBR | LI | 00490 | TCS0790 | BRG | 70,00 | 90,00 | 13,00 | NBR | LI |
| 00141 | TCS0779 | BAG | 25,40 | 38,10 | 9,92 | NBR | LI | 00496 | CX6032 | BRG | 18,00 | 30,00 | 7,00 | NBR | LI |
| 00161 | TCS0936 | BRG | 48,00 | 72,00 | 10,00 | NBR | LI | 00497 | 3534 | BRG | 90,00 | 120,00 | 13,00 | NBR | LI |
| 00164 | TCS0046 | BAG | 65,00 | 90,00 | 13,00 | NBR | LI | 00497 | 5610 | BRGF | 90,00 | 120,00 | 13,00 | FPM | LI |
| 00164 | 1470 | BR | 65,00 | 90,00 | 13,00 | NBR | LI | 00498 | 1936 | BAG | 55,00 | 80,00 | 13,00 | NBR | LI |
| 00185 | TCS0047 | BAF | 49,20 | 68,15 | 12,70 | FPM | LI | 00500 | TCS0050 | BAG | 68,00 | 90,00 | 13,00 | NBR | LI |
| 00218 | 4748 | B | 36,50 | 57,05 | 12,70 | NBR | LI | 00501 | 6332 | BRF | 60,00 | 75,00 | 8,00 | FPM | LI |
| 00222 | AG7591 | BAG | 44,70 | 61,20 | 9,50 | NBR | LI | 00501 | 6491 | BR | 60,00 | 75,00 | 8,00 | NBR | LI |
| 00228 | TCS0517 | BAG | 68,00 | 90,00 | 10,00 | NBR | LI | 00502 | 4500 | BR | 140,00 | 170,00 | 13,00 | NBR | LI |
| 00248 | TCS0048 | BR | 142,90 | 171,05 | 14,30 | NBR | LI | 00505 | 6590 | BR | 20,00 | 30,00 | 7,00 | NBR | LI |
| 00262 | 1458 | BAG | 28,00 | 47,00 | 10,00 | NBR | LI | 00506 | TCS0051 | BR | 25,00 | 43,00 | 10,00 | NBR | LI |
| 00266 | TCS0049 | BR | 25,00 | 47,00 | 10,00 | NBR | LI | 00508 | AG7748 | BAG | 17,00 | 28,00 | 7,00 | NBR | LI |
| 00268 | TCS0790 | BR | 190,00 | 220,00 | 14,80 | NBR | LI | 00509 | TCS0053 | BR | 45,00 | 72,00 | 12,00 | NBR | LI |
| 00269 | CX6032 | BR | 75,00 | 100,00 | 12,00 | NBR | LI | 00510 | AG7674 | AGX | 16,00 | 35,00 | 12,00 | NBR | LI |
| 00274 | 3534 | BG | 50,80 | 81,00 | 11,90 | NBR | LI | 00516 | 4413 | BG | 110,00 | 140,00 | 13,00 | NBR | BI |
| 00276 | 5610 | B | 44,50 | 73,00 | 12,00 | NBR | LI | 00517 | 1081 | BRG | 60,00 | 90,00 | 10,00 | NBR | LI |



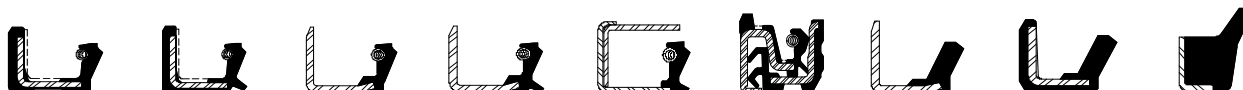
REFERÊNCIA DE MERCADO

| REF | CÓDIGO | MOD. | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | MOD. | Ø INT. | Ø EXT. | H | MAT | ORI |
|-------|---------|------|--------|--------|-------|-----|-----|-------|---------|------|--------|--------|-------|-----|-----|
| 00517 | 1748 | BRGF | 60,00 | 90,00 | 10,00 | FPM | LI | 00796 | TCS0246 | BRG | 16,00 | 32,00 | 7,00 | NBR | LI |
| 00520 | TCS0054 | BR | 35,00 | 47,05 | 10,00 | NBR | LI | 00797 | TCS0061 | BR | 36,00 | 54,00 | 7,00 | NBR | LI |
| 00533 | TCS0899 | BA | 42,80 | 68,15 | 10,70 | NBR | LI | 00798 | TCS0929 | BA | 19,00 | 31,90 | 7,00 | NBR | LI |
| 00563 | 5667 | BR | 54,00 | 72,00 | 8,00 | NBR | LI | 00801 | 6538 | BRG | 32,00 | 52,10 | 10,00 | NBR | LI |
| 00569 | 5678 | BRG | 19,00 | 31,70 | 6,40 | NBR | LI | 00803 | 4210 | BRGS | 110,00 | 130,00 | 13,00 | MVQ | AH |
| 00572 | CX9190 | BRG | 22,30 | 34,95 | 6,40 | NBR | LI | 00804 | 4605 | BRG | 55,00 | 75,00 | 10,00 | NBR | LI |
| 00573 | 4592 | BG | 74,00 | 114,00 | 11,00 | NBR | LI | 00813 | 1502 | BA | 30,00 | 42,95 | 9,50 | NBR | LI |
| 00609 | TCS0861 | BRG | 75,00 | 100,00 | 10,00 | NBR | LI | 00815 | TCS0317 | BRG | 22,00 | 42,00 | 10,00 | NBR | LI |
| 00610 | 6334 | BRF | 80,00 | 100,00 | 10,00 | FPM | LI | 00818 | TCS0895 | BR | 60,00 | 80,00 | 13,00 | NBR | LI |
| 00610 | 6657 | BR | 80,00 | 100,00 | 10,00 | NBR | LI | 00821 | TCS0838 | BR | 19,05 | 31,75 | 6,35 | NBR | LI |
| 00615 | AG8032 | BRG | 36,00 | 56,00 | 10,00 | NBR | LI | 00834 | TCS0808 | BRG | 50,00 | 72,00 | 10,00 | NBR | LI |
| 00616 | TCS0903 | BR | 102,00 | 130,00 | 13,00 | NBR | LI | 00837 | TCS0909 | B | 40,00 | 70,00 | 12,00 | NBR | LI |
| 00618 | 4792 | BAG | 85,00 | 110,00 | 14,00 | NBR | LI | 00838 | TCS0907 | BG | 53,00 | 75,00 | 12,00 | NBR | LI |
| 00618 | TCS0802 | BAG | 85,00 | 110,00 | 14,00 | NBR | LI | 00839 | TCS0413 | BRG | 32,00 | 50,00 | 8,00 | NBR | LI |
| 00660 | 4496 | B | 50,80 | 80,00 | 12,70 | NBR | LI | 00847 | TCS0063 | BAG | 30,00 | 42,00 | 7,00 | NBR | LI |
| 00674 | TCS0055 | B | 47,70 | 72,95 | 12,00 | NBR | LI | 00853 | TCS0064 | BR | 17,00 | 35,00 | 7,00 | NBR | LI |
| 00694 | TCS0056 | B | 35,00 | 53,90 | 9,50 | NBR | LI | 00853 | TCS0258 | BRG | 17,00 | 35,00 | 7,00 | NBR | LI |
| 00701 | 6519 | B | 30,00 | 50,75 | 11,00 | NBR | LI | 00866 | 4638 | BRG | 70,00 | 100,00 | 10,00 | NBR | LI |
| 00712 | 6324 | BRF | 20,00 | 32,00 | 6,00 | FPM | LI | 00880 | 6329 | BRF | 40,00 | 56,00 | 8,00 | FPM | LI |
| 00712 | 6432 | BR | 20,00 | 32,00 | 6,00 | NBR | LI | 00880 | 6941 | BR | 40,00 | 56,00 | 8,00 | NBR | LI |
| 00712 | 6492 | BR | 20,00 | 32,00 | 6,00 | FPM | LI | 00888 | 5220 | GA | 19,00 | 25,40 | 3,50 | NBR | LI |
| 00712 | 6591 | BR | 20,00 | 32,00 | 6,00 | NBR | LI | 00891 | 3712 | BRG | 69,80 | 92,00 | 14,20 | NBR | LI |
| 00715 | 4520 | BA | 20,00 | 35,00 | 6,00 | NBR | LI | 00900 | 4685 | BRG | 80,00 | 110,00 | 12,00 | NBR | LI |
| 00726 | 6585 | BR | 16,30 | 24,00 | 7,00 | NBR | LI | 00906 | 5716 | BR | 70,00 | 85,00 | 8,00 | NBR | LI |
| 00734 | 6967 | BR | 44,50 | 57,15 | 9,40 | NBR | LI | 00906 | 5747 | BR | 70,00 | 85,00 | 8,00 | MVQ | LI |
| 00749 | 1901 | BA | 44,50 | 54,00 | 4,80 | NBR | LI | 00906 | 6333 | BRF | 70,00 | 85,00 | 8,00 | FPM | LI |
| 00761 | 4609 | BRG | 22,00 | 40,00 | 7,00 | NBR | LI | 00907 | 1463 | BR | 63,50 | 76,10 | 9,50 | NBR | LI |
| 00763 | 4608 | BRG | 24,00 | 47,00 | 7,00 | NBR | LI | 00909 | AG7581 | BR | 20,00 | 47,10 | 10,00 | NBR | LI |
| 00766 | TCS0798 | BAG | 15,00 | 30,00 | 8,00 | NBR | LI | 00911 | 4575 | BRG | 30,00 | 50,00 | 11,00 | NBR | LI |
| 00767 | TCS0930 | BA | 20,00 | 32,00 | 5,00 | NBR | LI | 00912 | 1517 | BRG | 35,00 | 52,00 | 12,00 | NBR | LI |
| 00769 | TCS0931 | BA | 22,00 | 31,90 | 5,00 | NBR | LI | 00913 | 4657 | BR | 40,00 | 80,10 | 10,00 | NBR | LI |
| 00784 | 6521 | BR | 19,00 | 35,00 | 7,00 | NBR | LI | 00916 | 6342 | BAG | 15,00 | 28,00 | 7,00 | NBR | LI |
| 00788 | TCS0059 | BAG | 25,00 | 35,00 | 10,00 | NBR | LI | 00919 | TCS0865 | BRG | 56,00 | 85,00 | 13,00 | NBR | LI |
| 00789 | 5840 | BRG | 35,00 | 50,00 | 9,00 | NBR | H | 00925 | TCS0068 | BA | 25,00 | 42,00 | 8,00 | NBR | LI |
| 00790 | 6320 | BRF | 15,00 | 24,00 | 7,00 | FPM | LI | 00932 | TCS0069 | BR | 28,60 | 39,75 | 7,00 | NBR | LI |
| 00790 | 6490 | BR | 15,00 | 24,00 | 7,00 | NBR | LI | 00946 | 4789 | BR | 50,00 | 70,00 | 10,00 | NBR | LI |
| 00793 | TCS0896 | BA | 55,00 | 90,00 | 10,00 | NBR | LI | 00946 | TCS0070 | BR | 50,00 | 70,00 | 10,00 | NBR | LI |
| 00795 | AG7387 | BR | 16,00 | 30,00 | 10,00 | NBR | LI | 00949 | TCS0071 | BR | 30,00 | 52,00 | 10,00 | NBR | LI |
| 00795 | TCS0871 | BRG | 16,00 | 30,00 | 10,00 | NBR | LI | 00952 | TCS0072 | BR | 30,00 | 52,00 | 8,00 | NBR | LI |
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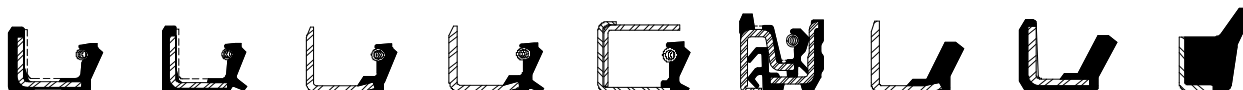


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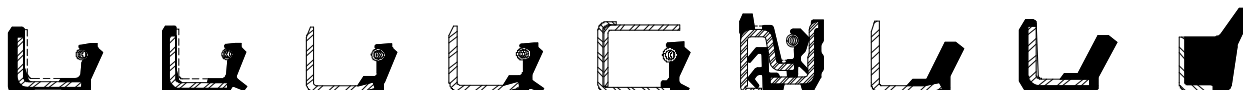
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|-------|---------|-------|--------|--------|-------|-----|-----|-------|---------|------|--------|--------|-------|-----|-----|
| 00962 | 4510 | BRG | 35,00 | 50,00 | 8,00 | NBR | H | 01182 | TCS0919 | BRG | 30,00 | 72,00 | 9,50 | NBR | LI |
| 00964 | 4607 | BG | 55,00 | 90,00 | 12,50 | NBR | LI | 01193 | TCS0841 | BR | 130,00 | 160,00 | 12,00 | NBR | LI |
| 00977 | TCS0073 | BR | 60,00 | 82,00 | 12,00 | NBR | LI | 01214 | CX9409 | BR | 24,00 | 37,00 | 7,00 | NBR | LI |
| 00980 | TCS0928 | BA | 16,00 | 28,00 | 7,00 | NBR | LI | 01241 | 1933 | BAG | 49,00 | 65,00 | 10,00 | NBR | LI |
| 00998 | TCS0727 | BRG | 8,50 | 16,00 | 6,50 | NBR | LI | 01245 | AG7647 | BRG | 20,00 | 40,00 | 6,00 | NBR | LI |
| 01004 | TCS0074 | BAG | 35,50 | 58,20 | 12,00 | NBR | LI | 01251 | 1481 | BG | 92,10 | 123,85 | 21,00 | NBR | LI |
| 01017 | 4674 | BR | 49,00 | 75,00 | 11,00 | NBR | LI | 01253 | TCS0904 | BG | 89,00 | 114,25 | 12,70 | NBR | LI |
| 01022 | 1426 | BRG | 28,60 | 38,00 | 7,00 | NBR | LI | 01254 | 6269 | BAG | 20,70 | 34,85 | 11,90 | NBR | LI |
| 01038 | TCS0075 | B | 45,00 | 85,00 | 13,00 | NBR | LI | 01262 | 1934 | BAG | 49,00 | 68,00 | 12,00 | NBR | LI |
| 01043 | 4646 | BG | 95,00 | 130,00 | 12,00 | NBR | LI | 01265 | 1930 | BAG | 40,00 | 56,00 | 9,00 | NBR | LI |
| 01043 | TCS0076 | B | 95,00 | 130,00 | 13,00 | NBR | LI | 01266 | TCS0083 | BAG | 40,00 | 65,00 | 12,00 | NBR | LI |
| 01044 | TCS0593 | BAG | 74,00 | 90,00 | 10,00 | NBR | LI | 01273 | 4514 | BAG | 30,00 | 62,00 | 10,00 | NBR | LI |
| 01045 | CX6068 | BRG | 26,00 | 37,00 | 7,00 | NBR | LI | 01295 | 5669 | GR | 25,00 | 40,00 | 5,00 | NBR | LI |
| 01049 | TCS0077 | BRG1 | 46,00 | 76,20 | 9,50 | NBR | LI | 01299 | TCS0791 | BRG | 28,60 | 38,10 | 5,95 | NBR | LI |
| 01050 | 4137 | BR | 60,40 | 79,35 | 9,30 | NBR | LI | 01299 | AG7684 | BRG | 28,60 | 38,10 | 6,00 | NBR | LI |
| 01058 | 5743 | BR | 15,00 | 35,00 | 7,00 | NBR | LI | 01310 | AG7128 | BAG | 32,00 | 42,00 | 7,00 | NBR | LI |
| 01058 | AG7491 | BRF | 15,00 | 35,00 | 7,00 | FPM | LI | 01322 | 3277 | BRG | 40,00 | 62,00 | 10,00 | NBR | LI |
| 01072 | 9811 | BR | 17,00 | 28,00 | 6,00 | NBR | LI | 01340 | 6516 | BR | 50,00 | 68,00 | 10,00 | NBR | LI |
| 01072 | TCS0251 | BRG | 17,00 | 28,00 | 6,00 | NBR | LI | 01344 | 4572 | BR | 45,00 | 64,95 | 12,00 | NBR | LI |
| 01072 | 5728 | BRG | 17,00 | 28,00 | 6,50 | NBR | LI | 01348 | TCS0813 | BRG | 15,00 | 30,00 | 10,00 | NBR | LI |
| 01081 | TCS0920 | BR | 42,00 | 72,00 | 12,00 | NBR | LI | 01356 | 6264 | BAG | 25,40 | 38,10 | 6,30 | NBR | LI |
| 01089 | AG7675 | AGX1 | 22,00 | 45,00 | 12,00 | NBR | LI | 01366 | TCS0713 | B | 35,00 | 72,00 | 10,00 | NBR | LI |
| 01090 | 4636 | BRXE2 | 143,00 | 150,00 | 27,00 | NBR | LI | 01370 | TCS0085 | BA | 32,00 | 44,00 | 9,00 | NBR | LI |
| 01100 | TCS0078 | BAG | 41,10 | 65,40 | 13,00 | NBR | LI | 01375 | TCS0621 | BRG | 100,00 | 120,00 | 12,00 | NBR | LI |
| 01102 | AG7677 | AGB | 5,00 | 30,00 | 14,00 | NBR | LI | 01386 | TCS0294 | BRG | 20,00 | 35,00 | 8,00 | NBR | LI |
| 01109 | 3508 | BRG | 40,00 | 62,00 | 11,50 | NBR | LI | 01389 | TCS0796 | BAG | 14,00 | 24,00 | 7,00 | NBR | LI |
| 01109 | 6518 | BR | 40,00 | 62,00 | 11,50 | NBR | LI | 01392 | 1886 | BAGF | 60,00 | 80,00 | 12,00 | FPM | LI |
| 01109 | AG7747 | BRF | 40,00 | 62,00 | 11,50 | FPM | LI | 01392 | 4327 | BAG | 60,00 | 80,00 | 12,00 | NBR | LI |
| 01112 | TCS0311 | BRG | 22,00 | 38,00 | 8,00 | NBR | LI | 01395 | TCS0086 | B | 34,90 | 52,30 | 9,50 | NBR | LI |
| 01116 | 4888 | BRG | 40,00 | 60,00 | 10,00 | NBR | LI | 01397 | TCS0087 | BA | 25,00 | 45,00 | 7,00 | NBR | LI |
| 01119 | TCS0079 | BAG | 44,20 | 71,45 | 14,80 | NBR | LI | 01415 | TCS0815 | BRG | 17,00 | 35,00 | 10,00 | NBR | LI |
| 01135 | 3255 | BRG | 70,00 | 90,00 | 10,00 | NBR | LI | 01416 | 3296 | BAG | 90,00 | 110,00 | 13,00 | NBR | LI |
| 01149 | TCS0839 | BR | 31,75 | 44,45 | 6,35 | NBR | LI | 01420 | 6431 | BR | 12,00 | 28,10 | 7,00 | NBR | LI |
| 01151 | TCS0080 | BRG | 26,00 | 42,00 | 10,00 | NBR | LI | 01420 | 6584 | BRF | 12,00 | 28,10 | 7,00 | FPM | LI |
| 01157 | 1307 | BRGF | 34,00 | 62,10 | 10,00 | FPM | LI | 01422 | 6606 | BR | 50,00 | 65,00 | 8,00 | NBR | LI |
| 01157 | 4588 | BRG | 34,00 | 62,10 | 10,00 | NBR | LI | 01422 | AG7736 | BRF | 50,00 | 65,00 | 8,00 | FPM | LI |
| 01160 | 4335 | BR | 65,00 | 80,00 | 8,00 | NBR | LI | 01424 | TCS0088 | BR | 150,00 | 180,00 | 15,00 | NBR | LI |
| 01180 | TCS0081 | BR | 55,00 | 85,00 | 13,00 | NBR | LI | 01425 | 4594 | BAG | 62,00 | 100,05 | 17,00 | NBR | LI |
| 01181 | 6331 | BRF | 55,00 | 70,00 | 8,00 | FPM | LI | 01445 | TCS0089 | BA | 12,00 | 32,00 | 7,00 | NBR | LI |
| 01181 | 6942 | BR | 55,00 | 70,00 | 8,00 | NBR | LI | 01492 | TCS0090 | BR | 17,00 | 40,00 | 8,50 | NBR | LI |


REFERÊNCIA DE MERCADO

| REF | CÓDIGO | MOD. | Ø INT. | Ø EXT. | H | MAT | ORI | REF | CÓDIGO | MOD. | Ø INT. | Ø EXT. | H | MAT | ORI |
|--------|---------|-------|--------|--------|-------|-----|-----|-------|---------|-------|--------|--------|-------|-----|-----|
| 01495 | 6436 | BR | 28,00 | 40,00 | 7,00 | NBR | LI | 01735 | TCS0098 | BG | 125,00 | 150,00 | 15,00 | NBR | LI |
| 01495 | AG7195 | BRF | 28,00 | 40,00 | 7,00 | FPM | LI | 01737 | TCS0848 | BR | 11,00 | 17,00 | 4,00 | NBR | LI |
| 01495 | TCS0369 | BRG | 28,00 | 40,00 | 7,00 | NBR | LI | 01737 | TCS0849 | BR | 11,00 | 17,00 | 4,00 | NBR | LI |
| 01502 | AG7565 | BAG | 35,00 | 44,50 | 7,00 | NBR | LI | 01738 | TCS0915 | BG | 45,00 | 60,00 | 10,00 | NBR | LI |
| 01505 | TCS0091 | BR | 42,00 | 65,00 | 10,00 | NBR | LI | 01745 | 4573 | BR | 40,00 | 55,15 | 10,00 | NBR | LI |
| 01509 | TCS0092 | BR | 34,00 | 52,00 | 7,50 | NBR | LI | 01746 | TCS0897 | BG | 20,00 | 42,00 | 10,00 | NBR | LI |
| 01515 | 4519 | BR | 25,00 | 36,00 | 7,00 | NBR | LI | 01759 | CX6031 | GR | 40,00 | 56,00 | 8,50 | NBR | LI |
| 01526 | 5611 | BRG | 35,00 | 46,45 | 6,40 | NBR | LI | 01760 | CX6056 | GR | 45,00 | 62,00 | 8,00 | NBR | LI |
| 01535 | 1499 | BR | 30,00 | 40,00 | 7,00 | NBR | LI | 01764 | TCS0100 | BAGG | 46,00 | 65,50 | 7,00 | NBR | LI |
| 01535 | 6326 | BRF | 30,00 | 40,00 | 7,00 | FPM | LI | 01767 | 3513 | BR | 85,00 | 110,00 | 12,00 | NBR | LI |
| 001535 | 6522 | BRG | 30,00 | 40,00 | 7,00 | NBR | LI | 01779 | TCS0916 | BG | 22,00 | 47,00 | 9,00 | NBR | LI |
| 01539 | 5960 | GA | 28,60 | 34,90 | 3,20 | NBR | LI | 01784 | TCS0101 | BRO | 17,00 | 28,00 | 8,00 | NBR | LI |
| 01539 | TCS0094 | GA | 28,60 | 34,90 | 3,20 | NBR | LI | 01790 | 1544 | B | 63,50 | 82,55 | 12,70 | NBR | LI |
| 01543 | 3110 | BA | 25,00 | 35,00 | 7,00 | NBR | LI | 01798 | TCS0102 | BAG | 58,00 | 85,00 | 13,00 | NBR | LI |
| 01543 | 6219 | BR | 25,00 | 35,00 | 7,00 | NBR | LI | 01801 | TCS0103 | B | 100,00 | 123,80 | 13,00 | NBR | LI |
| 01543 | 6594 | BRF | 25,00 | 35,00 | 7,00 | FPM | LI | 01802 | TCS0720 | BR | 42,00 | 62,00 | 6,00 | NBR | LI |
| 01546 | 4293 | AGJQ | 46,00 | 65,60 | 11,10 | NBR | LI | 01805 | 4736 | AGJA2 | 100,00 | 128,00 | 15,00 | NBR | LI |
| 01549 | 6973 | BRG | 100,00 | 125,00 | 12,00 | NBR | LI | 01806 | 4711 | BRXE3 | 143,30 | 150,00 | 39,50 | NBR | LI |
| 01550 | 3254 | BR | 55,00 | 72,00 | 10,00 | NBR | LI | 01807 | TCS0917 | BAG | 50,00 | 70,00 | 12,00 | NBR | LI |
| 01550 | 6881 | BRG | 55,00 | 72,00 | 10,00 | NBR | LI | 01814 | TCS0104 | BRG | 36,00 | 60,00 | 9,50 | NBR | LI |
| 01551 | 4590 | BR | 35,00 | 58,00 | 10,00 | NBR | LI | 01816 | TCS0225 | BA | 15,00 | 24,00 | 7,00 | NBR | LI |
| 01554 | CX9096 | BRG | 22,00 | 32,00 | 7,00 | NBR | LI | 01828 | TCS0860 | B | 61,90 | 79,95 | 10,00 | NBR | LI |
| 01556 | 6435 | BR | 25,00 | 40,00 | 8,00 | NBR | LI | 01829 | TCS0105 | B | 90,00 | 112,70 | 13,00 | NBR | LI |
| 01576 | TCS0794 | BAG | 16,00 | 22,10 | 6,40 | NBR | LI | 01831 | 1500 | BA | 30,00 | 46,40 | 10,00 | NBR | LI |
| 01581 | TCS0806 | BG | 30,00 | 72,00 | 10,00 | NBR | LI | 01841 | TCS0568 | BRG | 60,00 | 82,00 | 12,00 | NBR | LI |
| 01602 | TCS0801 | BAG | 40,00 | 72,00 | 12,00 | NBR | LI | 01847 | CX6091 | GR | 50,00 | 68,00 | 8,50 | NBR | LI |
| 01604 | TCS0342 | BRG | 25,00 | 42,00 | 6,00 | NBR | LI | 01861 | 3317 | BRG | 50,00 | 72,00 | 12,00 | NBR | LI |
| 1630 | TCS0842 | BAG | 31,75 | 42,86 | 7,94 | NBR | LI | 01864 | 4595 | BAG | 54,00 | 76,20 | 12,70 | NBR | LI |
| 01656 | TCS0864 | BRG | 44,50 | 70,00 | 10,00 | NBR | LI | 01873 | 9851 | GRE | 30,50 | 38,00 | 7,90 | NBR | LI |
| 01657 | TCS0925 | BA | 38,00 | 57,00 | 7,00 | NBR | LI | 01874 | 4694 | BRXE2 | 74,50 | 80,10 | 22,00 | NBR | LI |
| 01660 | TCS0905 | BAGE1 | 39,40 | 80,20 | 6,40 | NBR | BI | 01875 | 9850 | BR | 14,00 | 32,00 | 10,00 | NBR | LI |
| 01667 | TCS0095 | BR | 30,00 | 42,00 | 8,00 | NBR | LI | 01876 | AG7679 | AGC | 20,90 | 30,06 | 12,00 | NBR | LI |
| 01677 | TCS0097 | BR | 15,00 | 30,00 | 7,00 | NBR | LI | 01879 | TCS0107 | BRG | 70,00 | 95,00 | 13,00 | NBR | LI |
| 01679 | 1780 | BRG | 44,50 | 68,20 | 15,90 | NBR | LI | 01880 | TCS0108 | BAG | 69,80 | 98,45 | 11,80 | NBR | LI |
| 01695 | CX9398 | BRG | 30,00 | 47,00 | 6,00 | NBR | LI | 01886 | CX6043 | GR | 28,00 | 38,00 | 7,00 | NBR | LI |
| 01699 | 1984 | BR | 47,60 | 69,85 | 9,50 | NBR | LI | 01900 | 1532 | AGFC | 85,70 | 107,95 | 7,90 | NBR | LI |
| 01707 | 4513 | BRG | 40,00 | 55,00 | 8,00 | NBR | LI | 01901 | TCS0902 | BG | 101,80 | 127,10 | 11,90 | NBR | LI |
| 01716 | 4571 | BR | 22,00 | 35,00 | 7,00 | NBR | LI | 01907 | TCS0110 | BR | 15,00 | 32,00 | 7,00 | NBR | LI |
| 01721 | 4613 | BRG | 100,00 | 130,00 | 12,00 | NBR | LI | 01907 | TCS0234 | BRG | 15,00 | 32,00 | 7,00 | NBR | LI |
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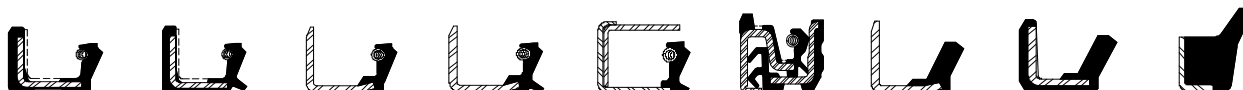

REFERÊNCIA DE MERCADO

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|-------|---------|------|--------|--------|-------|------|-----|-------|---------|-------|--------|--------|-------|-----|-----|
| 01912 | TCS0112 | BRG | 85,70 | 114,20 | 11,20 | NBR | LI | 02062 | TCS0799 | BAG | 25,00 | 40,00 | 7,00 | NBR | LI |
| 01914 | TCS0318 | BRGF | 22,00 | 42,00 | 10,00 | FPM | LI | 02066 | 4526 | BAG | 57,20 | 73,00 | 8,00 | NBR | BI |
| 01916 | CX9508 | BAGP | 17,00 | 34,00 | 7,00 | ACM | LI | 02068 | TCS0119 | BRGP | 40,00 | 52,00 | 8,00 | ACM | LI |
| 01917 | 3003 | BRGS | 78,00 | 100,00 | 13,00 | MVO | H | 02069 | TCS0121 | BRGS | 130,00 | 160,00 | 14,00 | MVO | LI |
| 01923 | 3370 | BG | 82,50 | 114,30 | 12,70 | NBR | LI | 02077 | 1666 | BAG | 60,30 | 79,35 | 9,50 | NBR | H |
| 01928 | 3298 | B | 146,00 | 168,25 | 16,00 | NBR | H | 02090 | 1888 | BABE | 60,30 | 85,70 | 22,80 | NBR | LI |
| 01930 | TCS0728 | BAG | 54,10 | 73,00 | 8,50 | NBR | LI | 02091 | TCS0800 | BAG | 35,00 | 62,00 | 12,00 | NBR | LI |
| 01931 | TCS0729 | BAG | 41,40 | 70,60 | 7,90 | NBR | LI | 02095 | TCS0908 | GA | 35,00 | 42,00 | 4,00 | NBR | LI |
| 01935 | TCS0797 | BAG | 20,00 | 30,00 | 7,00 | NBR | LI | 02096 | 9576 | BA | 30,00 | 37,00 | 4,00 | NBR | LI |
| 01949 | AG7370 | BRG | 35,00 | 62,00 | 10,00 | NBR | LI | 02099 | 6965 | BA | 36,00 | 54,00 | 7,00 | NBR | LI |
| 01959 | TCS0927 | BAG | 15,00 | 35,00 | 7,00 | NBR | LI | 02100 | TCS0123 | BAG | 58,00 | 75,00 | 12,00 | NBR | LI |
| 01962 | 3012 | BA | 28,60 | 41,30 | 9,40 | NBR | LI | 02102 | TCS0124 | BA | 34,90 | 50,85 | 8,30 | NBR | LI |
| 01963 | TCS0900 | BAG | 41,10 | 49,30 | 6,50 | NBR | LI | 02106 | AG7668 | GA | 28,00 | 40,00 | 5,00 | NBR | LI |
| 01963 | 1054 | BAG | 41,30 | 49,20 | 6,00 | NBR | LI | 02107 | TCS0329 | GA | 25,00 | 35,00 | 5,00 | NBR | LI |
| 01964 | 6964 | BAG | 28,60 | 38,10 | 6,50 | NBR | LI | 02108 | 3256 | BRG | 50,00 | 68,00 | 9,00 | NBR | LI |
| 01966 | TCS0210 | BAG | 12,70 | 25,40 | 6,50 | NBR | LI | 02110 | TCS0033 | BRG | 45,00 | 62,00 | 9,00 | NBR | LI |
| 01972 | 1918 | BRGS | 133,30 | 158,75 | 12,70 | MVO | AH | 02111 | TCS0549 | BRG | 55,00 | 72,00 | 9,00 | NBR | LI |
| 01973 | 6809 | GA | 50,00 | 58,00 | 4,00 | NBR | LI | 02115 | 4410 | BRG | 122,20 | 140,80 | 11,80 | MVO | AH |
| 01973 | 1479 | BABE | 54,00 | 81,00 | 20,00 | NBR | LI | 02116 | TCS0844 | BAGP | 60,33 | 82,55 | 11,11 | ACM | LI |
| 01974 | TCS0625 | BRG | 100,00 | 130,00 | 13,00 | NBR | LI | 02125 | 3326 | BGF | 95,30 | 114,25 | 12,00 | FPM | LI |
| 01980 | 4518 | BR | 35,00 | 55,00 | 8,00 | NBR | LI | 02127 | TCS0880 | BG | 76,20 | 101,60 | 11,12 | NBR | LI |
| 01980 | TCS0115 | BR | 35,00 | 55,00 | 8,00 | NBR | LI | 02127 | TCS0125 | BGP | 76,20 | 101,65 | 11,00 | ACM | LI |
| 01988 | 6523 | BRG | 40,00 | 52,00 | 7,40 | NBR | LI | 02139 | TCS0126 | BRG | 48,00 | 72,00 | 7,00 | NBR | LI |
| 01992 | AG7214 | BR | 30,25 | 39,70 | 6,35 | NBR | LI | 02148 | 6181 | BRG | 25,00 | 40,00 | 9,00 | NBR | LI |
| 01993 | 9818 | BR | 27,00 | 38,10 | 6,40 | NBR | LI | 02152 | AG7883 | BAGGG | 34,00 | 55,00 | 15,00 | NBR | LI |
| 01999 | 4741 | BRGG | 34,00 | 72,00 | 10,00 | NBR | LI | 02153 | 6680 | BRG | 29,40 | 42,85 | 8,00 | NBR | LI |
| 02004 | TCS0116 | BAGP | 64,00 | 80,00 | 8,00 | ACM | LI | 02161 | 6587 | BR | 17,00 | 25,00 | 4,00 | NBR | LI |
| 02006 | 4557 | BAG | 30,00 | 52,00 | 7,00 | NBR | H | 02161 | 6588 | BRF | 17,00 | 25,00 | 4,00 | FPM | LI |
| 02010 | 3900 | BRG | 25,00 | 47,00 | 7,00 | NBR | LI | 02162 | TCS0216 | BRG | 14,00 | 24,00 | 6,00 | NBR | LI |
| 02017 | TCS0922 | GB | 73,50 | 95,00 | 18,00 | NBR | LI | 02163 | TCS0127 | BRG | 8,00 | 18,00 | 5,00 | NBR | LI |
| 02018 | 1952 | AGFN | 88,90 | 152,40 | 39,10 | NBR | LI | 02169 | TCS0843 | BAG | 45,00 | 62,00 | 7,00 | NBR | LI |
| 02019 | 1955 | AGFN | 82,60 | 134,55 | 41,20 | NBR | LI | 02171 | TCS0837 | BR | 10,00 | 19,00 | 7,00 | NBR | LI |
| 02020 | 1403 | AGGF | 14,00 | 50,50 | 46,00 | ASBR | LI | 02180 | 1476 | BG | 114,30 | 155,55 | 14,00 | NBR | BI |
| 02026 | 1960 | GGGX | 52,40 | 74,70 | 8,40 | NBR | LI | 02184 | TCS0128 | BAGP | 32,00 | 65,00 | 13,00 | ACM | LI |
| 02031 | TCS0455 | BRG | 40,00 | 56,00 | 7,00 | NBR | LI | 02194 | 4299 | AGJU | 101,60 | 127,00 | 16,00 | NBR | LI |
| 02032 | AG7383 | BA | 25,40 | 34,95 | 6,40 | NBR | H | 02195 | 1480 | BR | 105,00 | 140,00 | 13,00 | NBR | LI |
| 02035 | 4610 | AGJU | 79,00 | 110,00 | 17,40 | NBR | LI | 02196 | 1495 | BR | 44,30 | 81,00 | 12,50 | NBR | LI |
| 02046 | CX9106 | BRG | 25,00 | 47,00 | 10,00 | NBR | LI | 02207 | 1461 | BAG | 54,00 | 73,00 | 11,00 | NBR | LI |
| 02049 | TCS0117 | BG | 100,00 | 120,00 | 13,00 | NBR | LI | 02207 | 1467 | BAGS | 54,00 | 73,00 | 11,00 | MVO | LI |
| 02051 | 5767 | BR | 38,00 | 54,00 | 10,00 | NBR | LI | 02209 | TCS0131 | BAGE2 | 47,60 | 80,00 | 13,00 | NBR | BI |

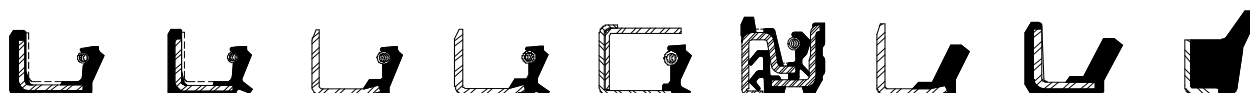


REFERÊNCIA DE MERCADO

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| 02211 | TCS0132 | BAG | 63,50 | 83,80 | 9,00 | NBR | LI | 02484 | 4307 | AGJR | 88,90 | 122,90 | 19,00 | NBR | BI |
| 02216 | TCS0133 | GAG | 17,80 | 32,15 | 5,50 | NBR | LI | 02485 | TCS0143 | BY | 98,40 | 144,54 | 16,00 | NBR | LI |
| 02225 | TCS0863 | BRG | 40,00 | 68,00 | 12,00 | NBR | LI | 02486 | TCS0144 | BR | 20,00 | 34,00 | 7,00 | NBR | LI |
| 02233 | CX9230 | BRG | 25,00 | 40,00 | 8,00 | NBR | LI | 02486 | TCS0145 | BRS | 20,00 | 35,00 | 7,00 | MVO | LI |
| 02234 | 6994 | BRG | 30,00 | 42,00 | 10,00 | NBR | LI | 02496 | 4446 | AGBR | 127,00 | 158,75 | 16,00 | NBR | LI |
| 02246 | TCS0923 | BAG | 168,00 | 188,00 | 31,50 | NBR | LI | 02506 | TCS0147 | BR | 38,00 | 52,25 | 7,00 | NBR | LI |
| 02261 | AG7671 | GAE | 25,00 | 35,00 | 5,00 | NBR | LI | 02517 | CX1256 | BRXE | 55,00 | 70,00 | 12,00 | NBR | LI |
| 02263 | 1497 | BR | 19,00 | 31,60 | 7,70 | NBR | LI | 02525 | 5838 | BRAGF | 26,00 | 42,00 | 8,00 | FPM | H |
| 02265 | 5608 | GA | 25,00 | 32,00 | 4,00 | NBR | LI | 02529 | 6968 | BRG | 55,00 | 80,00 | 8,00 | NBR | LI |
| 02267 | 1951 | AGFS | 60,30 | 85,75 | 22,80 | NBR | LI | 02530 | 6970 | BRG | 65,00 | 85,00 | 10,00 | NBR | LI |
| 02270 | TCS0845 | B | 32,00 | 72,00 | 10,00 | NBR | LI | 02531 | TCS0148 | BR | 75,00 | 95,00 | 10,00 | NBR | LI |
| 02283 | TCS0134 | BRGF | 85,00 | 105,00 | 12,00 | FPM | LI | 02531 | TCS0879 | BRG | 75,00 | 95,00 | 10,00 | NBR | LI |
| 02308 | TCS0135 | BRG | 14,00 | 28,00 | 7,00 | NBR | LI | 02535 | TCS0149 | BRG | 12,00 | 22,00 | 5,00 | NBR | LI |
| 02309 | TCS0136 | BRP | 15,00 | 25,00 | 7,00 | ACM | LI | 02556 | TCS0150 | BAGF | 68,00 | 85,00 | 10,00 | FPM | LI |
| 02310 | TCS0137 | BRG | 16,00 | 28,00 | 7,00 | NBR | LI | 02568 | 6595 | BRG | 26,00 | 35,00 | 7,00 | NBR | LI |
| 02311 | TCS0292 | BR | 20,00 | 34,00 | 7,00 | NBR | LI | 02570 | TCS0819 | BRGF | 25,00 | 40,00 | 7,00 | FPM | LI |
| 02312 | TCS0138 | BRG | 27,00 | 39,00 | 10,50 | NBR | LI | 02571 | TCS0151 | BRG | 17,00 | 25,00 | 4,00 | NBR | LI |
| 02316 | AG7826 | GA | 57,20 | 82,60 | 6,50 | NBR | LI | 02571 | TCS0613 | BRGF | 90,00 | 120,00 | 12,00 | FPM | LI |
| 02317 | 5839 | BRGF | 31,00 | 50,00 | 8,00 | FPM PT | H | 02572 | 3215 | BRG | 22,00 | 35,00 | 7,00 | NBR | LI |
| 02324 | AG7935 | BRG | 45,00 | 65,00 | 8,00 | NBR | LI | 02573 | TCS0283 | GR | 20,00 | 26,00 | 4,00 | NBR | LI |
| 02324 | TCS0519 | BRG | 45,00 | 65,00 | 8,00 | NBR | LI | 02574 | 1548 | BR | 90,00 | 110,00 | 12,00 | NBR | LI |
| 02326 | 3283 | BRG | 58,00 | 80,00 | 12,00 | NBR | H | 02574 | 6610 | BRF | 90,00 | 110,00 | 12,00 | FPM | LI |
| 02335 | 9804 | BAG | 15,90 | 22,20 | 4,30 | NBR | LI | 02574 | TCS0611 | BRG | 90,00 | 110,00 | 12,00 | NBR | LI |
| 02336 | 4174 | AGJL | 35,00 | 45,15 | 15,00 | NBR | LI | 02580 | 4671 | BAG | 44,45 | 63,50 | 12,70 | NBR | BI |
| 02355 | 5609 | BA | 28,60 | 41,30 | 6,30 | NBR | LI | 02588 | 6309 | GRF | 25,00 | 32,00 | 4,00 | FPM | LI |
| 02357 | 5604 | BA | 22,20 | 31,70 | 6,00 | NBR | LI | 02588 | AG7687 | GRS | 25,00 | 32,00 | 4,00 | MVO | LI |
| 02373 | TCS0781 | BRG | 13,00 | 26,00 | 7,00 | NBR | LI | 02588 | 6592 | GR | 25,00 | 32,00 | 4,00 | NBR | LI |
| 02376 | AG7680 | BRG | 30,00 | 47,00 | 7,00 | FPM | AH | 02589 | AG7286 | GR | 15,00 | 21,00 | 3,00 | NBR | LI |
| 02392 | TCS0804 | BRGE2 | 55,00 | 70,00 | 6,00 | NBR | BI | 02612 | 4417 | BRGF | 122,20 | 140,80 | 11,80 | FPM | AH |
| 02395 | TCS0803 | BAGG | 45,00 | 73,10 | 13,00 | NBR | LI | 02632 | 6311 | GRF | 35,00 | 42,00 | 4,00 | FPM | LI |
| 02413 | TCS0370 | BRG | 28,00 | 40,00 | 8,00 | NBR | LI | 02632 | 6373 | GR | 35,00 | 42,00 | 4,00 | NBR | LI |
| 02416 | TCS0906 | BAG | 82,50 | 120,00 | 15,00 | NBR | LI | 02633 | 3933 | GR | 40,00 | 50,00 | 4,00 | NBR | LI |
| 02418 | TCS0142 | BR | 21,50 | 40,00 | 7,00 | NBR | LI | 02633 | 6314 | GRF | 40,00 | 50,00 | 4,00 | FPM | LI |
| 02425 | TCS0256 | BRG | 17,00 | 32,00 | 7,00 | NBR | LI | 02634 | 6379 | GR | 45,00 | 55,00 | 4,00 | NBR | LI |
| 02433 | CX9156 | BRG | 20,00 | 39,70 | 6,50 | NBR | LI | 02635 | 6316 | GRF | 55,00 | 65,00 | 5,00 | FPM | LI |
| 02442 | TCS0805 | BAGE | 50,00 | 65,00 | 9,70 | NBR | BI | 02635 | 6380 | GR | 55,00 | 65,00 | 5,00 | NBR | LI |
| 02445 | 1534 | BR | 68,00 | 90,00 | 10,00 | NBR | LI | 02636 | 3858 | GR | 60,00 | 72,00 | 6,00 | NBR | LI |
| 02449 | 3727 | BRGF | 122,20 | 140,80 | 12,00 | FPM | AH | 02636 | 6317 | GRF | 60,00 | 72,00 | 6,00 | FPM | LI |
| 02451 | TCS0589 | BRG | 75,00 | 90,00 | 10,00 | NBR | LI | 02637 | 3857 | GR | 70,00 | 85,00 | 7,00 | NBR | LI |
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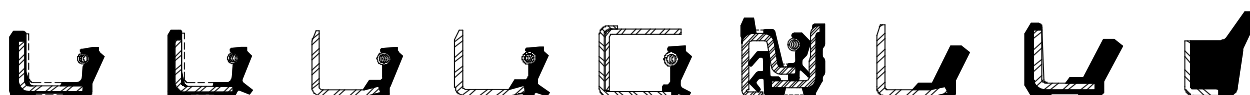

REFERÊNCIA DE MERCADO

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|-------|---------|-------|--------|--------|-------|-----|-----|-------|---------|-------|--------|--------|-------|--------|-----|
| 02638 | 6582 | GR | 12,00 | 18,00 | 3,00 | NBR | LI | 02987 | CX6104 | GR | 32,00 | 45,00 | 7,00 | NBR | LI |
| 02639 | 6313 | GRF | 15,00 | 23,00 | 3,00 | FPM | LI | 03005 | TCS0189 | BRGF | 10,00 | 21,00 | 5,00 | FPM | LI |
| 02639 | 6484 | GR | 15,00 | 23,00 | 3,00 | NBR | LI | 03005 | TCS0787 | BRG | 12,00 | 21,00 | 5,00 | NBR | LI |
| 02640 | 6312 | GRF | 17,00 | 25,00 | 3,00 | FPM | LI | 03013 | TCS0157 | BA | 20,00 | 31,00 | 7,00 | NBR | LI |
| 02640 | 6586 | GR | 17,00 | 25,00 | 3,00 | NBR | LI | 03025 | 6835 | BRGF | 25,00 | 35,00 | 6,00 | FPM | H |
| 02641 | 6308 | GRF | 20,00 | 28,00 | 4,00 | FPM | LI | 03252 | TCS0812 | BRG | 14,00 | 22,00 | 5,00 | NBR | LI |
| 02641 | 6589 | GR | 20,00 | 28,00 | 4,00 | NBR | LI | 03255 | TCS0193 | BR | 12,00 | 21,00 | 4,00 | NBR | LI |
| 02643 | 3883 | GR | 30,00 | 37,00 | 4,00 | NBR | LI | 05055 | 3849 | BRAGF | 64,00 | 80,00 | 9,00 | FPM | H |
| 02661 | TCS0603 | BRG | 80,00 | 100,00 | 12,00 | NBR | LI | 05074 | 6415 | BRAGF | 30,00 | 43,00 | 8,00 | FPM PT | H |
| 02672 | 4659 | BRGE1 | 30,00 | 72,00 | 6,50 | NBR | BI | 05126 | TCS0160 | BRGF | 59,93 | 76,20 | 11,10 | FPM | LI |
| 02675 | TCS0792 | BRG | 40,08 | 82,95 | 9,92 | NBR | LI | 05141 | TCS0698 | BRAG | 17,00 | 28,00 | 7,00 | NBR | LI |
| 02677 | 6551 | BRG | 70,00 | 85,00 | 8,00 | NBR | LI | 05142 | TCS0697 | BRAG | 20,00 | 31,00 | 7,00 | NBR | LI |
| 02685 | TCS0740 | BRG | 60,00 | 90,00 | 8,00 | NBR | LI | 05142 | TCS0881 | BRAG | 20,00 | 31,00 | 7,30 | MVO | LI |
| 02689 | TCS0810 | BAG | 12,00 | 20,00 | 5,00 | NBR | LI | 05253 | AG7324 | BRGF | 35,00 | 50,00 | 7,00 | FPM | H |
| 02699 | TCS0415 | BRG | 32,00 | 52,00 | 7,00 | NBR | LI | 05352 | AG7290 | BRGF | 57,00 | 71,00 | 9,00 | FPM | LI |
| 02701 | 6321 | BRF | 17,00 | 28,00 | 5,00 | FPM | LI | 05353 | AG7289 | BRGF | 46,70 | 62,00 | 9,00 | FPM | LI |
| 02701 | 6940 | BR | 17,00 | 28,00 | 5,00 | NBR | LI | 05580 | AG7368 | BRGF | 32,00 | 44,00 | 6,00 | FPM | H |
| 02701 | TCS0250 | BRG | 17,00 | 28,00 | 5,00 | NBR | LI | 05784 | AG7232 | BRGF | 32,00 | 46,00 | 6,00 | FPM | H |
| 02713 | TCS0154 | AGBF | 121,10 | 160,20 | 35,00 | NBR | LI | 07322 | TCS0161 | BRA | 100,00 | 125,00 | 12,00 | NBR | LI |
| 02715 | 6000 | GA | 22,20 | 28,60 | 3,20 | NBR | LI | 07518 | TCS0229 | BRG | 15,00 | 26,00 | 7,00 | NBR | LI |
| 02727 | AG7524 | BRG | 25,00 | 52,00 | 8,00 | NBR | LI | 07840 | 4652 | BRAG | 105,00 | 130,00 | 12,00 | FPM | AH |
| 02730 | 1527 | BRG | 17,00 | 30,00 | 7,00 | NBR | LI | 10316 | AG7672 | AGNK | 2,00 | 24,50 | 14,70 | NBR | LI |
| 02744 | 5672 | AGBO | 30,00 | 52,00 | 10,00 | NBR | LI | 02415 | TCS0140 | BAG | 55,40 | 76,15 | 12,70 | NBR | LI |
| 02745 | CX6080 | BRG | 45,00 | 60,00 | 7,00 | NBR | LI | | | | | | | | |
| 02753 | TCS0155 | BRG | 75,00 | 95,00 | 13,00 | NBR | LI | | | | | | | | |
| 02794 | 6628 | BRAGF | 38,00 | 50,00 | 8,00 | FPM | LI | | | | | | | | |
| 02797 | 4173 | AGJJ | 25,00 | 38,00 | 14,50 | FPM | LI | | | | | | | | |
| 02802 | TCS0820 | BRGF | 25,00 | 35,00 | 7,00 | FPM | LI | | | | | | | | |
| 02813 | 6437 | BRG | 30,00 | 52,00 | 8,00 | NBR | LI | | | | | | | | |
| 02822 | TCS1001 | BRG | 40,00 | 52,00 | 6,00 | NBR | LI | | | | | | | | |
| 02868 | 4248 | BRGF | 125,00 | 150,00 | 12,00 | FPM | LI | | | | | | | | |
| 02868 | 4670 | BRG | 125,00 | 150,00 | 13,00 | NBR | BI | | | | | | | | |
| 02879 | AX0036 | BAG | 41,30 | 54,00 | 6,50 | NBR | BI | | | | | | | | |
| 02894 | 4677 | AGBR | 106,50 | 140,00 | 15,00 | NBR | LI | | | | | | | | |
| 02927 | TCS0743 | BRG1 | 8,70 | 13,50 | 11,00 | FPM | LI | | | | | | | | |
| 02963 | 5555 | BROF | 17,00 | 30,00 | 7,00 | FPM | LI | | | | | | | | |
| 02972 | TCS0156 | BAG | 40,00 | 55,00 | 8,00 | NBR | LI | | | | | | | | |
| 02981 | TCS0868 | GA | 43,00 | 52,00 | 6,50 | NBR | LI | | | | | | | | |
| 02984 | CX6069 | BRG | 32,00 | 45,00 | 7,00 | NBR | LI | | | | | | | | |
| 02985 | TCS0627 | BRGF | 105,00 | 130,00 | 12,00 | FPM | LI | | | | | | | | |



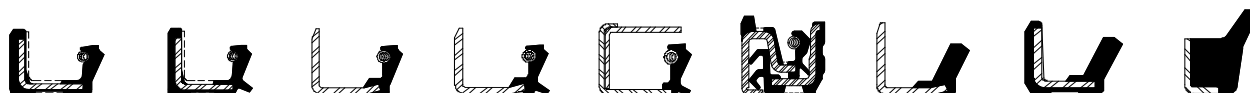
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|--------|-------|------|--------|--------|---------|--------|-----|--------|-------|------|--------|--------|---------|--------|-----|
| 1023 | --- | AGJB | 50,00 | 62,00 | 5,0/7,0 | NBR | LI | 1463 | 00907 | BR | 63,50 | 76,10 | 9,50 | NBR | LI |
| 1054 | 01963 | BAG | 41,30 | 49,20 | 6,00 | NBR | LI | 1464 | --- | BR | 28,00 | 38,00 | 5,50 | NBR | LI |
| 1081 | 00517 | BRG | 60,00 | 90,00 | 10,00 | NBR | LI | 1465 | --- | BA | 48,00 | 61,00 | 6,50 | NBR | LI |
| 1117 | --- | GA | 56,00 | 71,00 | 9,00 | NBR | LI | 1466 | 00006 | BAS | 54,00 | 77,80 | 12,70 | MVQ | LI |
| 1153 | --- | AGGD | 24,00 | 32,00 | 5,0/6,0 | NBR | LI | 1467 | 02207 | BAGS | 54,00 | 73,00 | 11,00 | MVQ | LI |
| 1243 | --- | AGFJ | 42,00 | 58,80 | 12,70 | NBR/PU | LI | 1469 | --- | BAGG | 73,00 | 101,60 | 11,50 | NBR | LI |
| 1302 | --- | BR | 65,00 | 100,00 | 9,50 | NBR | LI | 1470 | 00379 | BR | 66,70 | 95,25 | 12,70 | NBR | LI |
| 1307 | 01157 | BRGF | 34,00 | 62,10 | 10,00 | FPM | LI | 1471 | --- | BR | 37,00 | 50,00 | 12,00 | NBR | LI |
| 1331 | --- | AGGL | 63,50 | 82,55 | 9,50 | PU | LI | 1474 | --- | BAG | 19,00 | 31,75 | 11,00 | NBR | LI |
| 1335 | --- | AGK1 | 69,85 | 95,25 | 14,00 | PU | LI | 1475 | --- | BG | 101,60 | 139,70 | 16,50 | NBR | LI |
| 1337 | --- | GA | 50,80 | 68,30 | 9,50 | PU | LI | 1476 | 02180 | BG | 114,30 | 155,55 | 14,00 | NBR | BI |
| 1338 | --- | GA | 63,50 | 82,55 | 10,00 | PU | LI | 1477 | --- | BA | 79,40 | 104,80 | 11,00 | NBR | LI |
| 1340 | --- | GA | 38,10 | 57,15 | 9,50 | PU | LI | 1478 | --- | BA | 19,05 | 31,75 | 8,00 | NBR | LI |
| 1341 | --- | GA | 60,30 | 79,40 | 9,50 | PU | LI | 1479 | 01973 | BABE | 54,00 | 81,00 | 20,00 | NBR | LI |
| 1342 | --- | GA | 44,00 | 57,00 | 6,50 | PU | LI | 1480 | 02195 | BR | 105,00 | 140,00 | 13,00 | NBR | LI |
| 1344 | --- | GA | 50,80 | 63,50 | 6,50 | PU | LI | 1481 | 01251 | BG | 92,10 | 123,85 | 21,00 | NBR | LI |
| 1347 | --- | GA | 69,80 | 82,55 | 8,00 | PU | LI | 1482 | --- | B | 101,60 | 127,00 | 9,50 | NBR | LI |
| 1354 | --- | AGGL | 50,80 | 70,00 | 9,50 | PU | LI | 1483 | --- | BS | 101,60 | 127,00 | 9,50 | MVQ | LI |
| 1357 | --- | AGK1 | 82,55 | 107,95 | 14,50 | PU | LI | 1484 | --- | BG | 100,00 | 136,50 | 12,70 | NBR | LI |
| 1364 | --- | GA | 88,90 | 114,30 | 13,00 | NBR | LI | 1488 | --- | AGJA | 116,00 | 168,50 | 13,00 | NBR | LI |
| 1384 | --- | GA | 38,10 | 50,80 | 6,40 | PU | LI | 1489 | --- | AGFZ | 27,50 | 37,70 | 7,50 | NBR | LI |
| 1388 | --- | GA | 82,55 | 95,25 | 8,00 | PU | LI | 1491 | --- | BG | 127,00 | 159,00 | 15,00 | NBR | LI |
| 1403 | 02020 | AGGF | 14,00 | 50,50 | 46,00 | NBR | LI | 1494 | --- | AGFO | 150,00 | 174,00 | 28,00 | NBR | LI |
| 1405 | 00185 | BAF | 49,20 | 76,10 | 12,70 | FPM | LI | 1495 | 02196 | BR | 44,30 | 81,00 | 12,50 | NBR | LI |
| 1426 | 01022 | BRG | 28,60 | 38,00 | 7,00 | NBR | LI | 1496 | --- | BRG | 15,80 | 28,60 | 6,40 | NBR | LI |
| 1448 | --- | GA | 57,20 | 76,20 | 9,50 | PU | LI | 1497 | 02263 | BR | 19,00 | 31,60 | 7,70 | NBR | LI |
| 1449 | --- | BAS | 49,20 | 68,25 | 12,70 | MVQ | LI | 1498 | --- | BRGF | 22,20 | 35,00 | 9,50 | FPM | LI |
| 1450 | --- | GA | 76,20 | 88,90 | 8,00 | PU | LI | 1499 | 01535 | BR | 30,00 | 40,00 | 7,00 | NBR | LI |
| 1451 | --- | GA | 63,50 | 76,20 | 8,00 | PU | LI | 1500 | 01831 | BA | 30,00 | 46,40 | 10,00 | NBR | LI |
| 1452 | --- | GA | 57,15 | 69,85 | 8,00 | PU | LI | 1501 | --- | BAG | 19,00 | 35,00 | 7,00 | NBR | LI |
| 1453 | --- | GA | 50,80 | 63,50 | 8,00 | PU | LI | 1502 | 00813 | BA | 30,00 | 42,95 | 9,50 | NBR | LI |
| 1454 | --- | GA | 44,50 | 57,15 | 8,00 | PU | LI | 1503 | --- | BAG | 22,00 | 35,00 | 7,00 | NBR | LI |
| 1455 | --- | GA | 38,10 | 50,80 | 8,00 | PU | LI | 1505 | --- | GA | 50,80 | 60,30 | 6,40 | NBR | LI |
| 1456 | --- | BA | 50,00 | 70,00 | 9,00 | NBR | LI | 1506 | --- | AGFV | 46,00 | 65,00 | 16,00 | NBR/PU | LI |
| 1457 | --- | BR | 69,90 | 88,90 | 9,50 | NBR | LI | 1508 | --- | GAG | 50,00 | 60,00 | 7,0/9,5 | PU | LI |
| 1458 | 00479 | BR | 38,00 | 52,00 | 10,00 | NBR | LI | 1509 | --- | GAE | 60,00 | 70,00 | 7,5/9,5 | NBR | LI |
| 1459 | --- | BA | 50,00 | 80,00 | 10,00 | NBR | LI | 1511 | --- | GA | 100,00 | 110,00 | 7,00 | PU | LI |
| 1460 | 0013 | BRG | 57,10 | 76,20 | 12,70 | NBR | LI | 1512 | --- | BRG | 30,00 | 52,40 | 7,00 | NBR | LI |
| 1461 | 02207 | BAG | 54,00 | 73,00 | 11,00 | NBR | LI | 1513 | --- | BRO | 125,00 | 150,00 | 10,00 | NBR | LI |
| 1462 | --- | BRG | 31,70 | 50,80 | 12,70 | NBR | LI | 1514 | --- | GA | 31,75 | 44,45 | 8,00 | PU | LI |



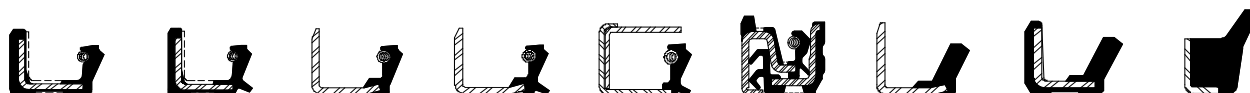
REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|--------|-------|------|--------|--------|----------|--------|-----|--------|---------|-------|--------|--------|-----------|--------|-----|
| 1517 | 00912 | BRG | 35,00 | 52,00 | 12,00 | NBR | LI | 1666 | 02077 | BAG | 60,30 | 79,35 | 9,50 | NBR | H |
| 1518 | --- | BRG | 28,60 | 41,20 | 10,00 | NBR | BI | 1686 | --- | GA | 95,25 | 111,12 | 7,94 | PU | LI |
| 1520 | --- | GAE | 50,00 | 65,00 | 7,0/10,0 | PU | LI | 1716 | --- | BR | 57,15 | 85,70 | 12,70 | NBR | LI |
| 1521 | --- | BRG | 22,20 | 35,00 | 9,50 | NBR | LI | 1717 | --- | GA | 70,00 | 85,00 | 7,00 | PU | LI |
| 1522 | --- | BR | 33,00 | 51,00 | 8,00 | NBR | LI | 1720 | 02804 | AGGS | 88,90 | 152,40 | 15,00 | NBR | LI |
| 1523 | --- | GAE | 40,00 | 50,00 | 6,5/10,0 | NBR | LI | 1744 | --- | AGBB1 | 66,15 | 91,00 | 12,5/14,0 | NBR | LI |
| 1524 | --- | B | 40,00 | 60,00 | 10,00 | NBR | LI | 1748 | 00517F | BRGF | 60,00 | 90,00 | 10,00 | FPM | LI |
| 1525 | --- | GAE | 84,10 | 95,25 | 7,0/9,5 | PU | LI | 1764 | --- | AGFD | 130,00 | 160,00 | 20,00 | NBR/PU | LI |
| 1526 | --- | B | 68,00 | 90,00 | 9,50 | NBR | LI | 1780 | 01679 | BRG | 44,50 | 68,20 | 15,90 | NBR | LI |
| 1527 | 02730 | BRG | 17,00 | 30,00 | 7,00 | NBR | LI | 1803 | --- | GA | 70,00 | 80,00 | 7,00 | NBR | LI |
| 1528 | --- | AGFJ | 41,30 | 61,90 | 13,50 | NBR/PU | LI | 1827 | --- | GA | 63,50 | 77,80 | 9,50 | PU | LI |
| 1529 | --- | GAG | 45,00 | 55,00 | 7,0/10,0 | PU | LI | 1842 | --- | GA | 69,85 | 95,25 | 9,53 | PU | LI |
| 1531 | --- | GA | 50,80 | 70,00 | 5,00 | NBR | LI | 1886 | 01392 | BAGF | 60,00 | 80,00 | 12,00 | FPM | LI |
| 1532 | 01900 | AGFC | 85,70 | 107,95 | 7,90 | NBR | LI | 1888 | 02090 | BABE | 60,30 | 85,70 | 22,80 | NBR | LI |
| 1533 | --- | B | 63,50 | 95,25 | 13,00 | NBR | LI | 1896 | --- | AGFV | 40,00 | 60,00 | 18,00 | MVQ/PU | LI |
| 1534 | 02445 | BR | 68,00 | 90,00 | 10,00 | NBR | LI | 1901 | 00749 | BA | 44,50 | 54,00 | 4,80 | NBR | LI |
| 1535 | --- | BRGG | 50,00 | 80,00 | 11,00 | NBR | LI | 1917 | --- | GA | 71,00 | 86,00 | 5,00 | PU | LI |
| 1536 | --- | GA | 44,50 | 63,50 | 8,00 | NBR | LI | 1918 | 01972 | BRGS | 133,30 | 158,75 | 12,70 | MVQ | AH |
| 1537 | --- | GA | 41,30 | 50,80 | 5,00 | NBR | LI | 1923 | --- | GA | 50,00 | 65,00 | 8,00 | PU | LI |
| 1538 | --- | BRO | 140,00 | 165,00 | 13,00 | NBR | LI | 1925 | --- | GA | 90,00 | 110,00 | 10,00 | PU | LI |
| 1539 | --- | BRGG | 45,00 | 70,00 | 10,00 | NBR | LI | 1926 | --- | GA | 80,00 | 100,00 | 10,00 | PU | LI |
| 1540 | --- | GAE | 55,00 | 66,00 | 7,5/10,0 | PU | LI | 1927 | --- | BAG | 35,00 | 50,00 | 12,00 | NBR | LI |
| 1541 | --- | BG | 69,80 | 101,60 | 15,00 | NBR | LI | 1928 | --- | AGFK | 46,00 | 65,00 | 15,00 | NBR/PU | LI |
| 1542 | --- | BG | 80,96 | 107,95 | 13,50 | NBR | LI | 1930 | 01265 | BAG | 40,00 | 56,00 | 9,00 | NBR | LI |
| 1543 | --- | BG | 87,30 | 114,30 | 20,50 | NBR | LI | 1931 | --- | BA | 38,10 | 63,50 | 8,00 | NBR | LI |
| 1544 | 01790 | B | 63,50 | 82,55 | 12,70 | NBR | LI | 1933 | 01241 | BAG | 49,00 | 65,00 | 10,00 | NBR | LI |
| 1545 | --- | GAE | 47,00 | 57,15 | 7,0/9,5 | PU | LI | 1934 | 01262 | BAG | 49,00 | 68,00 | 12,00 | NBR | LI |
| 1546 | --- | BRG | 60,00 | 75,00 | 8,00 | NBR | LI | 1935 | 00123 | BG | 101,60 | 126,90 | 12,70 | NBR | LI |
| 1547 | 00228 | BAG | 68,00 | 90,00 | 10,00 | NBR | LI | 1936 | 00498 | BAG | 55,00 | 80,00 | 13,00 | NBR | LI |
| 1548 | 02574 | BR | 90,00 | 110,00 | 12,00 | NBR | LI | 1940 | --- | AGFV | 56,00 | 75,00 | 22,00 | NBR/PU | LI |
| 1549 | 00036 | BR | 60,00 | 80,00 | 8,00 | NBR | LI | 1947 | --- | GA | 60,00 | 75,00 | 7,50 | PU | LI |
| 1550 | --- | B | 69,80 | 100,00 | 11,00 | NBR | LI | 1950 | --- | GA | 54,00 | 65,00 | 3,20 | PU | LI |
| 1551 | --- | BR | 45,00 | 62,00 | 8,50 | NBR | LI | 1951 | 02267 | AGFS | 60,30 | 85,75 | 22,80 | NBR | LI |
| 1552 | --- | AGGR | 73,00 | 90,00 | 7,0/10,5 | NBR | LI | 1952 | 02018 | AGFN | 88,90 | 152,40 | 39,10 | NBR | LI |
| 1553 | --- | BR | 19,00 | 33,30 | 9,50 | NBR | LI | 1955 | 02019 | AGFN | 82,60 | 134,55 | 41,20 | NBR | LI |
| 1554 | --- | BRG | 42,00 | 62,00 | 7,50 | NBR | LI | 1957 | --- | BRO | 110,00 | 130,00 | 13,00 | NBR | LI |
| 1555 | --- | AGBF | 127,00 | 159,00 | 24,00 | NBR | LI | 1958 | --- | BR | 110,00 | 130,00 | 13,00 | NBR | LI |
| 1600 | --- | AGFV | 35,00 | 52,00 | 14,50 | NBR/PU | LI | 1959 | 01767 B | BRG | 85,00 | 110,00 | 12,00 | NBR | LI |
| 1655 | --- | GA | 80,00 | 95,00 | 5,00 | PU | LI | 1960 | 02026 | GGGX | 52,40 | 74,70 | 8,40 | NBR | LI |
| 1656 | --- | GAE | 56,00 | 70,00 | 8,0/10,5 | NBR | LI | 1963 | --- | AGFD | 140,00 | 170,00 | 20,00 | NBR/PU | LI |



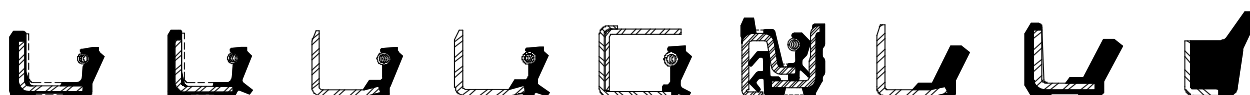
REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|--------|-------|-------|--------|--------|-----------|--------|-----|--------|-------|-------|--------|-----------|-----------|----------|-----|
| 1968 | --- | AGGN | 57,15 | 84,13 | 9,00 | NBR | LI | 3241 | --- | GAE | 125,00 | 140,00 | 9,0/12,0 | NBR | LI |
| 1969 | --- | GA | 45,00 | 60,00 | 8,00 | PU | LI | 3242 | --- | GAE | 150,00 | 165,00 | 9,0/12,0 | NBR | LI |
| 1970 | --- | BRO | 168,00 | 198,00 | 16,50 | NBR | LI | 3243 | --- | AGFV | 40,00 | 55,00 | 10,00 | NBR/PU | LI |
| 1975 | --- | BRG | 30,00 | 46,00 | 20,00 | NBR | LI | 3244 | --- | BRG | 40,00 | 60,00 | 6,00 | NBR | LI |
| 1983 | --- | GA | 64,00 | 78,00 | 8,00 | PU | LI | 3246 | --- | AGFQ | 60,00 | 90,00 | 8,00 | PU | LI |
| 1984 | 01699 | BR | 47,60 | 69,85 | 9,50 | NBR | LI | 3247 | --- | BRGG | 60,00 | 90,00 | 11,00 | NBR | LI |
| 1986 | --- | GA | 44,45 | 61,90 | 9,50 | PU | LI | 3249 | --- | AGBB | 70,00 | 95,00 | 13,0/14,5 | NBR | LI |
| 3002 | --- | BRGS | 122,20 | 140,80 | 11,80 | MVQ | AH | 3250 | --- | BRO | 165,00 | 195,00 | 11,50 | NBR | LI |
| 3003 | 01917 | BRGS | 78,00 | 100,00 | 13,00 | MVQ | H | 3251 | --- | AGBB | 150,00 | 180,00 | 14,5/16,0 | NBR | BI |
| 3010 | --- | BROF | 60,00 | 85,00 | 10,00 | FPM | LI | 3253 | --- | AGFV | 57,00 | 82,00 | 17,00 | NBR/PU | LI |
| 3011 | 00037 | B | 53,90 | 73,00 | 12,70 | NBR | LI | 3254 | 01550 | BR | 55,00 | 72,00 | 10,00 | NBR | LI |
| 3012 | 01962 | BA | 28,60 | 41,30 | 9,40 | NBR | LI | 3255 | 01135 | BRG | 70,00 | 90,00 | 10,00 | NBR | LI |
| 3013 | --- | GAG | 55,00 | 69,00 | 8,0/10,0 | PU | LI | 3256 | 02108 | BRG | 50,00 | 68,00 | 9,00 | NBR | LI |
| 3014 | --- | GAG | 46,00 | 57,00 | 7,0/10,0 | NBR | LI | 3257 | --- | AGFV | 30,00 | 44,00 | 11,00 | NBR/PU | LI |
| 3015 | --- | GAG | 66,00 | 79,00 | 8,0/9,5 | PU | LI | 3258 | --- | BRG | 46,00 | 65,00 | 10,00 | NBR | LI |
| 3025 | --- | BRGG | 95,00 | 125,00 | 20,00 | NBR | LI | 3264 | --- | AGFK | 55,00 | 75,00 | 16,00 | NBR/PU | LI |
| 3026 | --- | AGGT | 90,00 | 120,00 | 20,00 | NBR/PU | LI | 3265 | --- | BR | 46,00 | 65,00 | 8,00 | NBR | LI |
| 3027 | --- | BRGS | 60,30 | 82,50 | 11,00 | MVQ | LI | 3266 | --- | AGGP | 40,00 | 60,00 | 25,00 | NBR/PU | LI |
| 3028 | --- | AGFV | 42,00 | 62,00 | 14,50 | NBR/PU | LI | 3267 | --- | AGBG | 44,50 | 63,50 | 18,00 | NBR | LI |
| 3046 | --- | GAG | 75,00 | 89,00 | 8,0/11,0 | PU | LI | 3268 | --- | AGBB | 45,00 | 70,00 | 14,5/17,0 | NBR | LI |
| 3051 | --- | GAG | 70,00 | 84,00 | 8,0/10,0 | PU | LI | 3269 | --- | AGBH | 35,00 | 92,0/98,0 | 13,0/27,0 | NBR | LI |
| 3052 | --- | GAG | 80,00 | 94,00 | 8,0/11,0 | PU | LI | 3270 | --- | AGBI | 167,80 | 198,00 | 13,0/17,0 | NBR | BI |
| 3053 | --- | BRG | 57,00 | 85,00 | 12,00 | NBR | LI | 3271 | --- | BRGF | 133,35 | 158,75 | 11,00 | FPM | AH |
| 3055 | --- | AGGL | 50,80 | 69,85 | 15,80 | PU | LI | 3272 | --- | AGBJ | 127,00 | 159,00 | 24,00 | NBR | LI |
| 3108 | --- | BA | 50,00 | 60,00 | 7,00 | NBR | LI | 3273 | --- | GA | 50,00 | 63,00 | 4,00 | PU | LI |
| 3109 | --- | BA | 55,00 | 68,00 | 7,00 | NBR | LI | 3274 | --- | AGGI | 110,00 | 140,00 | 12,50 | NBR/PTFE | AH |
| 3110 | 01543 | BA | 25,00 | 35,00 | 7,00 | NBR | LI | 3276 | --- | BRG | 35,00 | 55,00 | 11,00 | NBR | LI |
| 3115 | --- | GAE | 84,00 | 99,00 | 8,0/11,0 | PU | LI | 3277 | 01322 | BRG | 40,00 | 62,00 | 10,00 | NBR | LI |
| 3122 | --- | AGFV | 45,00 | 65,00 | 12,00 | NBR/PU | LI | 3278 | --- | BRAGF | 42,00 | 65,00 | 10,00 | FPM | H |
| 3123 | --- | BRG | 22,20 | 50,80 | 12,70 | NBR | LI | 3279 | --- | GR | 25,00 | 31,00 | 7,00 | NBR | LI |
| 3145 | --- | GAE | 140,00 | 155,00 | 9,0/12,0 | NBR | LI | 3280 | --- | AGGJ | 130,00 | 154,00 | 18,00 | NBR/PU | LI |
| 3162 | --- | AGBB | 155,00 | 195,00 | 18,0/18,0 | NBR | LI | 3282 | --- | BRAGF | 114,30 | 135,00 | 12,70 | FPM | AH |
| 3163 | --- | BRG | 18,20 | 30,00 | 6,00 | NBR | LI | 3283 | 02326 | BRG | 58,00 | 80,00 | 12,00 | NBR | H |
| 3207 | --- | BAGG1 | 65,00 | 120,00 | 12,00 | NBR | LI | 3284 | --- | GA | 125,00 | 140,00 | 7,00 | NBR | LI |
| 3215 | 02572 | BRG | 22,00 | 35,00 | 7,00 | NBR | LI | 3286 | --- | AGFP | 60,30 | 79,40 | 8,5/18,0 | NBR | LI |
| 3216 | --- | BAG | 80,00 | 100,00 | 10,00 | NBR | LI | 3291 | --- | BR | 28,00 | 57,00 | 9,50 | NBR | LI |
| 3228 | --- | AGFV | 40,00 | 60,00 | 18,00 | NBR/PU | LI | 3292 | --- | BR | 57,10 | 79,40 | 9,50 | NBR | H |
| 3235 | --- | AGFV | 57,00 | 80,00 | 16,50 | NBR/PU | LI | 3294 | --- | BRG | 48,00 | 62,00 | 8,00 | NBR | BI |
| 3239 | --- | AGBC | 35,00 | 65,00 | 14,5/17,5 | NBR | LI | 3295 | --- | BAGF | 57,15 | 76,20 | 9,50 | FPM | LI |
| 3240 | --- | AGBD | 150,00 | 176,00 | 13,0/17,0 | NBR | LI | 3296 | 01416 | BAG | 90,00 | 110,00 | 13,00 | NBR | LI |



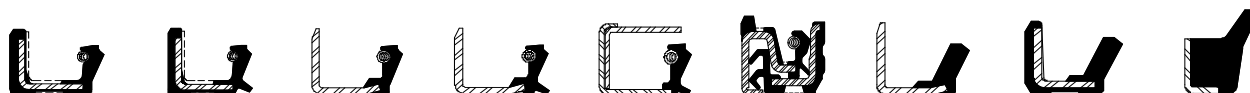
REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|--------|-------|-------|--------|--------|-----------|--------|-----|--------|-------|-------|--------|--------|-----------|--------|-----|
| 3297 | --- | B | 127,00 | 152,40 | 12,70 | FPM | H | 3401 | --- | GAE | 90,00 | 100,00 | 7,0/10,0 | NBR | LI |
| 3298 | 01928 | B | 146,00 | 168,25 | 16,00 | NBR | H | 3417 | --- | GAE | 85,00 | 99,00 | 8,0/13,0 | PU | LI |
| 3299 | --- | AGBD | 130,00 | 160,00 | 14,0/17,0 | NBR | LI | 3477 | --- | GA | 50,80 | 60,30 | 7,00 | PU | LI |
| 3308 | --- | BG | 44,50 | 66,70 | 15,80 | NBR | LI | 3478 | --- | GA | 60,00 | 70,00 | 7,00 | PU | LI |
| 3309 | --- | AGBL | 60,30 | 79,40 | 15,00 | NBR | LI | 3479 | --- | GA | 65,00 | 75,00 | 7,00 | PU | LI |
| 3314 | --- | B | 104,80 | 130,20 | 12,70 | NBR | LI | 3480 | --- | GA | 70,00 | 80,00 | 7,00 | PU | LI |
| 3316 | --- | BRG | 40,00 | 62,00 | 8,00 | NBR | LI | 3481 | --- | AGA | 60,00 | 96,00 | 11,00 | NBR | LI |
| 3317 | 01861 | BRG | 50,00 | 72,00 | 12,00 | NBR | LI | 3482 | --- | AGJG | 75,00 | 90,00 | 6,50 | NBR | LI |
| 3320 | --- | BG | 136,50 | 171,45 | 15,80 | NBR | LI | 3483 | --- | GA | 85,00 | 95,00 | 7,00 | PU | LI |
| 3321 | --- | AGBK | 76,20 | 95,25 | 13,5/14,0 | NBR | LI | 3484 | --- | AGGA | 28,00 | 35,00 | 4,8/7,5 | NBR | LI |
| 3324 | --- | AGFE | 32,00 | 53,00 | 6,50 | NBR | LI | 3491 | --- | GAG | 95,00 | 109,00 | 8,0/11,0 | PU | LI |
| 3326 | 02125 | BGF | 95,30 | 114,25 | 12,00 | FPM | LI | 3504 | --- | GA | 70,00 | 80,00 | 5,50 | PU | LI |
| 3327 | --- | AGFR | 56,50 | 65,00 | 6,30 | NBR | LI | 3505 | --- | GA | 90,00 | 105,00 | 6,00 | PU | LI |
| 3333 | --- | BG | 25,00 | 38,00 | 8,00 | NBR | LI | 3506 | --- | GA | 190,00 | 210,00 | 10,00 | PU | LI |
| 3334 | --- | BG | 45,00 | 57,00 | 10,00 | NBR | LI | 3507 | --- | B | 40,00 | 62,00 | 10,00 | NBR | LI |
| 3335 | 00266 | BR | 25,00 | 47,00 | 10,00 | NBR | LI | 3508 | 01109 | BRG | 40,00 | 62,00 | 11,50 | NBR | LI |
| 3339 | --- | GGGX | 76,20 | 114,30 | 7,00 | NBR | LI | 3509 | --- | GA | 136,50 | 152,40 | 5,50 | NBR | LI |
| 3341 | --- | GAE | 80,00 | 94,00 | 8,0/13,0 | PU | LI | 3513 | 01767 | BR | 85,00 | 110,00 | 12,00 | NBR | LI |
| 3351 | --- | BAG | 25,40 | 39,70 | 6,50 | NBR | LI | 3514 | --- | BAGO | 45,00 | 73,10 | 13,0/17,7 | NBR | LI |
| 3352 | --- | AGGL | 50,00 | 66,50 | 6,30 | NBR | LI | 3515 | --- | GA | 88,90 | 101,60 | 8,00 | PU | LI |
| 3353 | --- | BAG | 47,60 | 66,70 | 8,00 | NBR | LI | 3516 | --- | BR | 44,50 | 57,15 | 12,70 | NBR | LI |
| 3356 | --- | BR | 40,00 | 72,00 | 7,00 | NBR | LI | 3517 | --- | BF | 101,60 | 130,20 | 8,00 | FPM | LI |
| 3357 | --- | GGGX | 44,45 | 66,70 | 7,00 | NBR | LI | 3518 | --- | AGBM | 150,00 | 180,00 | 16,00 | NBR | LI |
| 3358 | --- | GGGX | 50,80 | 73,00 | 6,50 | NBR | LI | 3521 | --- | AGGJ | 42,00 | 62,00 | 21,50 | NBR/PU | LI |
| 3359 | --- | GGGX | 63,50 | 92,07 | 9,00 | NBR | LI | 3526 | --- | BRGGF | 45,00 | 76,00 | 12,00 | FPM | LI |
| 3360 | --- | AGBB1 | 48,00 | 75,00 | 14,5/17,0 | NBR | LI | 3534 | 00497 | BRG | 90,00 | 120,00 | 13,00 | NBR | LI |
| 3361 | --- | BRGG | 45,00 | 76,00 | 12,00 | NBR | LI | 3535 | --- | B | 74,60 | 114,30 | 13,00 | NBR | LI |
| 3362 | --- | GAE | 90,00 | 104,00 | 8,0/13,0 | PU | LI | 3536 | --- | BRGF | 60,00 | 78,00 | 9,00 | FPM | LI |
| 3368 | --- | GAG | 100,00 | 114,00 | 8,0/11,0 | PU | LI | 3540 | --- | GAE | 70,00 | 80,00 | 7,0/11,0 | PU | LI |
| 3370 | 01923 | BG | 82,50 | 114,30 | 12,70 | NBR | LI | 3541 | --- | GAE | 80,00 | 90,00 | 7,0/11,0 | PU | LI |
| 3388 | --- | BA | 75,00 | 100,00 | 10,00 | NBR | LI | 3542 | --- | GA | 80,00 | 90,00 | 7,00 | PU | LI |
| 3389 | --- | BAG | 90,00 | 115,00 | 12,50 | NBR | LI | 3543 | --- | GAE | 90,00 | 100,00 | 7,5/11,0 | PU | LI |
| 3390 | --- | BGF | 139,70 | 171,45 | 15,80 | FPM | LI | 3544 | --- | GA | 90,00 | 100,00 | 7,00 | PU | LI |
| 3391 | --- | BAG | 35,00 | 50,80 | 7,00 | NBR | LI | 3565 | 00014 | BG | 57,20 | 92,00 | 18,00 | NBR | LI |
| 3392 | --- | BA | 38,10 | 55,55 | 9,00 | NBR | LI | 3566 | --- | AGBB | 190,00 | 220,00 | 16,0/18,0 | NBR | LI |
| 3393 | --- | AGFV | 35,00 | 50,00 | 11,00 | NBR/PU | LI | 3571 | --- | BAGF | 82,50 | 107,95 | 9,50 | FPM | LI |
| 3394 | --- | AGBC | 155,00 | 190,00 | 17,0/19,0 | NBR | LI | 3572 | --- | BAGG1 | 85,00 | 120,00 | 12,00 | NBR | BI |
| 3395 | --- | GAE | 40,00 | 52,00 | 7,0/10,0 | PU | LI | 3573 | --- | BRGF | 49,20 | 68,22 | 8,00 | FPM | LI |
| 3396 | --- | GAE | 50,00 | 62,00 | 7,0/10,0 | PU | LI | 3581 | 00120 | BAG | 63,50 | 88,90 | 12,70 | NBR | LI |
| 3397 | --- | GAE | 63,00 | 77,00 | 8,0/11,0 | PU | LI | 3583 | --- | BAG | 82,50 | 101,60 | 9,50 | NBR | LI |



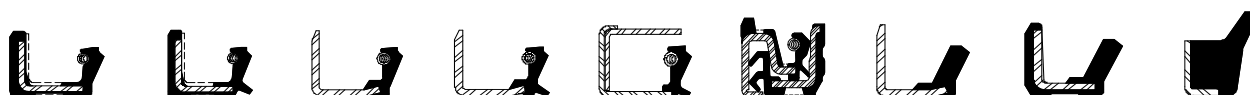
REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|--------|-------|-------|--------|--------|-----------|--------|-----|--------|-------|--------|--------|--------|-----------|--------|-----|
| 3585 | --- | AGJA | 120,00 | 152,40 | 11,0/23,5 | NBR | LI | 3951 | --- | BRG | 40,00 | 62,00 | 7,00 | NBR | LI |
| 3588 | --- | AGBC | 165,00 | 190,00 | 15,5/17,0 | NBR | LI | 3952 | --- | BR | 42,00 | 68,00 | 10,00 | NBR | LI |
| 3615 | --- | AGBN | 117,00 | 168,00 | 15,80 | NBR | LI | 3955 | --- | AGFW | 82,55 | 107,95 | 9,50 | FELTRO | LI |
| 3679 | --- | GA | 88,90 | 104,77 | 8,00 | PU | LI | 3988 | --- | AGBB | 140,00 | 170,00 | 14,5/16,0 | FPM | LI |
| 3685 | --- | GA | 125,00 | 138,00 | 4,00 | PU | LI | 3994 | --- | BRG | 140,00 | 165,00 | 12,00 | NBR | LI |
| 3692 | --- | BRGG | 80,00 | 100,00 | 12,00 | NBR | BI | 3996 | --- | BF | 101,60 | 127,00 | 9,50 | FPM | LI |
| 3698 | --- | AGGK | 25,40 | 42,86 | 9,50 | PTFE | LI | 4080 | --- | BA | 66,60 | 97,00 | 13,00 | NBR | LI |
| 3699 | --- | AGGK | 30,15 | 47,60 | 8,70 | PTFE | LI | 4098 | --- | BRF | 108,00 | 130,00 | 13,00 | FPM | LI |
| 3700 | --- | AGGK | 31,70 | 50,80 | 9,50 | PTFE | LI | 4099 | --- | BRF | 110,00 | 140,00 | 13,00 | FPM | LI |
| 3701 | --- | AGGK | 34,92 | 53,97 | 9,00 | PTFE | LI | 4102 | --- | B | 94,00 | 120,00 | 13,00 | NBR | LI |
| 3702 | --- | BAGF | 75,00 | 100,00 | 10,00 | FPM | H | 4126 | --- | AGJI | 65,00 | 94,60 | 12,50 | NBR | LI |
| 3712 | 00891 | BRG | 69,80 | 92,00 | 14,20 | NBR | LI | 4128 | --- | BRG | 95,00 | 120,00 | 13,00 | NBR | LI |
| 3713 | --- | AGBB1 | 165,00 | 195,00 | 16,5/18,0 | NBR | LI | 4137 | 01050 | BR | 60,40 | 79,35 | 9,30 | NBR | LI |
| 3727 | 02449 | BRGF | 122,20 | 140,80 | 12,00 | FPM | AH | 4144 | --- | AGBO | 30,00 | 62,00 | 12,50 | NBR | LI |
| 3735 | --- | BRGF | 44,50 | 63,50 | 8,00 | FPM | LI | 4152 | --- | BRG | 30,00 | 40,00 | 6,00 | NBR | LI |
| 3736 | --- | AGFV | 30,00 | 44,00 | 14,00 | NBR/PU | LI | 4163 | --- | GRF | 80,00 | 105,00 | 13,00 | FPM | LI |
| 3737 | --- | AGGH | 45,00 | 60,00 | 16,00 | NBR/PU | LI | 4171 | --- | BA | 170,00 | 200,00 | 13,00 | NBR | LI |
| 3738 | --- | AGFV | 45,00 | 65,00 | 18,50 | NBR/PU | LI | 4173 | 02797 | AGJJ | 25,00 | 38,00 | 14,50 | FPM | LI |
| 3740 | --- | BRGG | 50,00 | 80,00 | 11,00 | FPM | LI | 4174 | 02336 | AGJL | 35,00 | 45,15 | 15,0/24,0 | NBR | LI |
| 3775 | --- | GA | 45,00 | 55,00 | 4,00 | NBR | LI | 4177 | --- | BR | 110,00 | 140,00 | 13,00 | FPM PT | LI |
| 3796 | --- | BRG | 80,00 | 100,00 | 10,00 | NBR | BI | 4205 | --- | BG | 92,00 | 123,80 | 16,00 | NBR | LI |
| 3820 | --- | GA | 60,00 | 74,00 | 8,00 | PU | LI | 4210 | 00803 | BRGS | 110,00 | 130,00 | 13,00 | MVQ | AH |
| 3835 | --- | BRG | 65,00 | 90,00 | 10,00 | NBR | LI | 4211 | --- | BRF | 95,00 | 115,00 | 13,00 | FPM | LI |
| 3840 | --- | AGFM | 70,00 | 115,00 | 13,0/17,0 | FPM | BI | 4215 | --- | BAGGEF | 82,55 | 107,95 | 17,00 | FPM | LI |
| 3841 | --- | AGBE | 130,00 | 160,00 | 15,5/20,0 | NBR | LI | 4218 | --- | GRF | 95,00 | 115,00 | 13,00 | FPM | LI |
| 3842 | --- | AGBE | 140,00 | 170,00 | 15,5/17,5 | FPM | LI | 4222 | --- | GGGX | 50,00 | 80,00 | 8,30 | NBR | LI |
| 3849 | 05055 | BRAGF | 64,00 | 80,00 | 9,00 | FPM | H | 4242 | --- | AGK1 | 76,20 | 101,60 | 14,00 | PU | LI |
| 3854 | --- | BRGF | 55,00 | 78,00 | 12,20 | FPM | LI | 4243 | --- | BRF | 63,00 | 85,00 | 8,00 | FPM | LI |
| 3855 | --- | B | 123,85 | 158,75 | 12,70 | NBR | LI | 4244 | --- | BRGF | 95,00 | 120,00 | 12,00 | FPM | LI |
| 3857 | 02637 | GR | 70,00 | 85,00 | 7,00 | NBR | LI | 4247 | --- | BRGF | 120,00 | 150,00 | 12,00 | FPM | LI |
| 3858 | 02636 | GR | 60,00 | 72,00 | 6,00 | NBR | LI | 4248 | 02868 | BRGF | 125,00 | 150,00 | 12,00 | FPM | LI |
| 3883 | 02643 | GR | 30,00 | 37,00 | 4,00 | NBR | LI | 4253 | --- | AGBA | 167,80 | 198,00 | 17,00 | NBR | BI |
| 3886 | --- | GAE | 57,00 | 70,00 | 5,0/8,0 | NBR | LI | 4283 | --- | BRG | 55,00 | 90,00 | 10,00 | NBR | LI |
| 3887 | --- | BRGF | 66,70 | 89,50 | 10,00 | FPM | H | 4286 | --- | AGJO | 27,00 | 76,10 | 16,00 | NBR | LI |
| 3888 | --- | AGFH | 69,85 | 139,70 | 13,5/30,0 | NBR | LI | 4293 | 01546 | AGJQ | 46,00 | 65,60 | 11,10 | NBR | LI |
| 3889 | --- | BG | 60,30 | 88,90 | 17,80 | NBR | LI | 4299 | 02194 | AGJU | 101,60 | 127,00 | 16,00 | NBR | LI |
| 3895 | --- | AGFV | 136,00 | 165,50 | 15,00 | NBR/PU | LI | 4301 | --- | AGBQ | 89,00 | 123,00 | 23,00 | NBR | LI |
| 3899 | --- | BA | 17,00 | 35,00 | 8,00 | NBR | LI | 4302 | --- | BRG | 49,20 | 76,22 | 12,70 | NBR | LI |
| 3900 | 02010 | BRG | 25,00 | 47,00 | 7,00 | NBR | LI | 4306 | --- | BRGF | 58,00 | 80,00 | 12,00 | FPM | H |
| 3933 | 02633 | GR | 40,00 | 50,00 | 4,00 | NBR | LI | 4307 | 02484 | AGJR | 88,90 | 122,90 | 19,00 | NBR | BI |



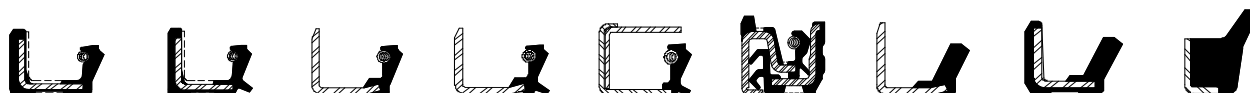
REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|--------|-------|-------|--------|--------|------------|--------|-----|--------|-------|-------|--------|--------|-----------|--------|-----|
| 4308 | --- | BRG | 60,00 | 78,00 | 9,00 | NBR | LI | 4451 | --- | GA | 90,00 | 105,00 | 4,00 | PU | LI |
| 4309 | --- | AGBA | 121,80 | 150,00 | 13,00 | NBR | LI | 4453 | --- | GR | 45,00 | 52,00 | 4,00 | NBR | LI |
| 4322 | --- | AGBA | 136,80 | 165,00 | 13,00 | NBR | LI | 4455 | --- | BA | 55,00 | 80,00 | 10,00 | NBR | LI |
| 4327 | 01392 | BAG | 60,00 | 80,00 | 12,00 | NBR | LI | 4460 | --- | BRGF | 55,00 | 72,00 | 10,00 | FPM | LI |
| 4328 | --- | BR | 82,00 | 100,00 | 10,00 | NBR | LI | 4461 | --- | GA | 85,00 | 95,00 | 5,00 | PU | LI |
| 4329 | --- | BR | 170,00 | 197,00 | 15,00 | NBR | LI | 4462 | --- | GA | 60,00 | 70,00 | 5,00 | PU | LI |
| 4331 | --- | GA | 65,00 | 80,00 | 5,00 | PU | LI | 4479 | --- | AGK1 | 50,00 | 68,25 | 10,50 | PU | LI |
| 4335 | 01160 | BR | 65,00 | 80,00 | 8,00 | NBR | LI | 4482 | --- | AGA | 40,15 | 69,30 | 10,70 | NBR | LI |
| 4336 | --- | GA | 44,45 | 63,50 | 9,50 | PU | LI | 4484 | --- | BRG | 72,00 | 95,00 | 10,00 | NBR | LI |
| 4339 | --- | GAE | 110,00 | 120,00 | 7,0/10,0 | PU | LI | 4486 | --- | GRF | 110,00 | 140,00 | 13,00 | PM/INO | LI |
| 4362 | --- | GA | 25,00 | 37,00 | 6,00 | PU | LI | 4489 | --- | BRGF | 55,00 | 90,00 | 10,00 | FPM | LI |
| 4363 | --- | GA | 65,00 | 79,00 | 7,00 | PU | LI | 4491 | --- | BR | 45,00 | 75,00 | 10,00 | NBR | LI |
| 4364 | --- | BA | 63,50 | 82,55 | 15,20 | NBR | LI | 4492 | --- | BRGGE | 75,00 | 125,00 | 12,00 | FPM | LI |
| 4365 | --- | AGJS | 75,00 | 100,00 | 13,00 | NBR | LI | 4493 | --- | GAE | 38,00 | 53,00 | 5,0/8,0 | NBR | LI |
| 4376 | --- | BGF | 140,00 | 170,00 | 16,00 | FPM | LI | 4496 | 00660 | B | 50,80 | 80,00 | 12,70 | NBR | LI |
| 4377 | 00025 | B | 85,70 | 119,00 | 12,70 | NBR | LI | 4498 | --- | BRG | 55,00 | 78,00 | 12,20 | NBR | LI |
| 4386 | --- | AGGJ | 47,00 | 65,00 | 16,50 | NBR/PU | LI | 4499 | --- | BR | 95,00 | 115,00 | 13,00 | NBR | LI |
| 4391 | --- | BRF | 130,00 | 160,00 | 15,00 | FPM | LI | 4500 | 00502 | BR | 140,00 | 170,00 | 13,00 | NBR | LI |
| 4397 | --- | BRF | 95,00 | 110,00 | 9,00 | FPM | LI | 4501 | 00002 | B | 81,00 | 117,50 | 14,30 | NBR | LI |
| 4399 | --- | GGGX | 73,00 | 95,25 | 7,30 | NBR | LI | 4502 | --- | AGBU | 122,00 | 142,00 | 10,0/5,0 | FPM | LI |
| 4402 | --- | AGBO | 65,00 | 96,90 | 12,70 | NBR | LI | 4510 | 00962 | BRG | 35,00 | 50,00 | 8,00 | NBR | H |
| 4403 | --- | GRF | 85,00 | 110,00 | 12,00 | FPM | LI | 4513 | 01707 | BRG | 40,00 | 55,00 | 8,00 | NBR | LI |
| 4408 | --- | GAG | 85,00 | 99,00 | 8,0/11,0 | PU | LI | 4514 | 01273 | BAG | 30,00 | 62,00 | 10,00 | NBR | LI |
| 4410 | 02115 | BRG | 122,20 | 140,80 | 11,80 | MVQ | AH | 4515 | --- | BRG | 50,00 | 65,00 | 9,00 | NBR | LI |
| 4411 | --- | BRGS | 133,30 | 158,75 | 11,00 | MVQ | AH | 4518 | 01980 | BR | 35,00 | 55,00 | 8,00 | NBR | LI |
| 4412 | 00085 | BG | 87,30 | 120,80 | 14,30 | NBR | LI | 4519 | 01515 | BR | 25,00 | 36,00 | 7,00 | NBR | LI |
| 4413 | 00516 | BG | 110,00 | 140,00 | 13,00 | NBR | BI | 4520 | 00715 | BA | 20,00 | 35,00 | 6,00 | NBR | LI |
| 4415 | --- | BG | 78,00 | 110,00 | 13,00 | NBR | LI | 4523 | --- | B | 101,60 | 127,00 | 9,50 | FPM | LI |
| 4417 | 02612 | BRGF | 122,20 | 140,80 | 11,80 | FPM | AH | 4525 | --- | BAG | 44,00 | 80,00 | 12,00 | NBR | LI |
| 4418 | --- | BRG | 55,00 | 80,00 | 10,00 | NBR | LI | 4526 | 02066 | BAG | 57,20 | 73,00 | 8,00 | NBR | BI |
| 4420 | --- | BAG | 50,00 | 80,00 | 10,00 | NBR | LI | 4538 | --- | BAG | 62,00 | 100,00 | 12,00 | NBR | LI |
| 4421 | --- | BAGF | 50,00 | 90,00 | 10,00 | FPM | LI | 4548 | --- | BROF | 110,00 | 130,00 | 13,00 | FPM | LI |
| 4425 | --- | BR | 63,50 | 82,55 | 9,50 | NBR | LI | 4549 | --- | BRG | 36,00 | 52,00 | 11,00 | NBR | LI |
| 4430 | --- | AGBB1 | 136,80 | 165,00 | 13,0/13,0 | NBR | BI | 4550 | --- | BRG | 49,00 | 76,00 | 17,40 | NBR | LI |
| 4434 | 00164 | BAG | 65,00 | 90,00 | 13,00 | NBR | LI | 4551 | --- | BRG | 78,00 | 100,00 | 13,00 | NBR | LI |
| 4439 | --- | BGF | 63,50 | 82,55 | 11,10 | FPM | LI | 4552 | --- | AGJT | 78,00 | 100,00 | 17,50 | NBR | LI |
| 4440 | --- | BA | 34,93 | 53,97 | 7,94 | NBR | LI | 4553 | --- | AGJU | 49,00 | 76,10 | 17,50 | NBR | LI |
| 4441 | --- | AGJY | 50,80 | 73,00 | 7,0 / 11,5 | NBR | LI | 4554 | --- | AGJU | 40,00 | 62,00 | 12,00 | NBR | LI |
| 4442 | --- | AGNV | 50,80 | 70,00 | 7,50 | NBR | LI | 4557 | 02006 | BAG | 30,00 | 52,00 | 7,00 | NBR | H |
| 4446 | 02496 | AGBR | 127,00 | 158,75 | 16,00 | NBR | LI | 4564 | --- | GAG1 | 78,00 | 100,00 | 10,5/16,0 | NBR | LI |



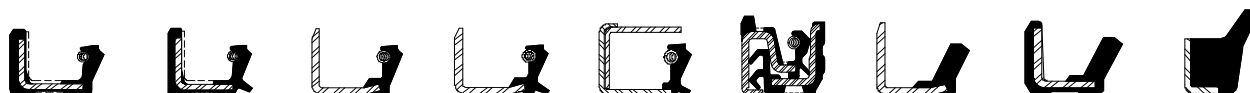
REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|--------|-------|-------|--------|------------|---------|-----|-----|--------|-------|-------|--------|--------|-----------|------|-----|
| 4570 | --- | BRG | 50,00 | 90,00 | 10,00 | NBR | LI | 4631 | --- | BRGF | 80,00 | 100,00 | 10,00 | FPM | BI |
| 4571 | 01716 | BR | 22,00 | 35,00 | 7,00 | NBR | LI | 4632 | --- | BAG | 47,62 | 69,85 | 7,90 | NBR | LI |
| 4572 | 01344 | BR | 45,00 | 64,95 | 12,00 | NBR | LI | 4633 | --- | B | 90,00 | 140,00 | 13,00 | NBR | LI |
| 4573 | 01745 | BR | 40,00 | 55,15 | 10,00 | NBR | LI | 4634 | --- | GRG | 30,00 | 72,00 | 20,00 | NBR | LI |
| 4575 | 00911 | BRG | 30,00 | 50,00 | 11,00 | NBR | LI | 4635 | --- | GRG | 30,00 | 62,00 | 18,00 | NBR | LI |
| 4584 | --- | AGJU | 59,00 | 85,60 | 17,50 | NBR | LI | 4636 | 01090 | BRXE2 | 143,00 | 150,00 | 27,00 | NBR | LI |
| 4585 | --- | BRG | 59,90 | 85,60 | 17,50 | NBR | LI | 4637 | --- | BR | 195,00 | 225,00 | 15,00 | NBR | LI |
| 4588 | 01157 | BRG | 34,00 | 62,10 | 10,00 | NBR | LI | 4638 | 00866 | BRG | 70,00 | 100,00 | 10,00 | NBR | LI |
| 4589 | 00054 | BR | 28,60 | 39,70 | 9,50 | NBR | LI | 4639 | --- | GA | 82,55 | 114,33 | 6,35 | NBR | LI |
| 4590 | 01551 | BR | 35,00 | 58,00 | 10,00 | NBR | LI | 4640 | --- | BROF | 100,00 | 130,00 | 12,00 | FPM | LI |
| 4591 | 00310 | BG | 127,00 | 165,10 | 16,00 | NBR | LI | 4641 | --- | AGBS | 50,00 | 100,00 | 7,50 | NBR | LI |
| 4592 | 00573 | BG | 74,00 | 114,00 | 11,00 | NBR | LI | 4643 | --- | GA | 69,47 | 82,55 | 8,00 | PU | LI |
| 4593 | --- | BRG | 49,20 | 70,00 | 16,00 | NBR | LI | 4645 | --- | GA | 56,00 | 70,00 | 7,50 | PU | LI |
| 4594 | 01425 | BAG | 62,00 | 100,05 | 17,00 | NBR | LI | 4646 | 01043 | BG | 95,00 | 130,00 | 12,00 | NBR | LI |
| 4595 | 01864 | BAG | 54,00 | 76,20 | 12,70 | NBR | LI | 4647 | --- | AGGK | 32,80 | 50,80 | 8,70 | PTFE | LI |
| 4596 | --- | BRG | 54,00 | 73,00 | 16,00 | NBR | LI | 4648 | --- | GAGE | 40,00 | 53,00 | 8,0/10,0 | NBR | LI |
| 4598 | --- | AGFA | 70,00 | 79,00 | 5,00 | NBR | LI | 4649 | --- | GAGE | 35,00 | 52,00 | 8,0/10,0 | NBR | LI |
| 4602 | --- | BRG | 89,80 | 123,80 | 17,00 | NBR | LI | 4651 | --- | GAGE | 38,00 | 53,00 | 8,0/10,0 | NBR | LI |
| 4603 | --- | BRG | 63,00 | 90,00 | 15,00 | NBR | LI | 4652 | 07840 | BRAG | 105,00 | 130,00 | 12,00 | FPM | AH |
| 4604 | --- | BAS | 49,20 | 68,30 | 8,00 | MVQ | LI | 4654 | --- | BRF | 52,00 | 68,00 | 8,00 | FPM | H |
| 4605 | 00804 | BRG | 55,00 | 75,00 | 10,00 | NBR | LI | 4655 | --- | BAGF | 55,00 | 75,00 | 8,00 | FPM | H |
| 4606 | --- | BRG | 44,50 | 62,00 | 10,00 | NBR | LI | 4657 | 00913 | BR | 40,00 | 80,10 | 10,00 | NBR | LI |
| 4607 | 00964 | BG | 55,00 | 90,00 | 12,50 | NBR | LI | 4658 | --- | BRGF | 47,60 | 63,50 | 7,94 | FPM | LI |
| 4608 | 00763 | BRG | 24,00 | 47,00 | 7,00 | NBR | LI | 4659 | 02672 | BRGE1 | 30,00 | 72,00 | 6,50 | NBR | BI |
| 4609 | 00761 | BRG | 22,00 | 40,00 | 7,00 | NBR | LI | 4660 | 00033 | BG | 35,00 | 63,50 | 12,70 | NBR | LI |
| 4610 | 02035 | AGJU | 79,00 | 110,00 | 17,40 | NBR | LI | 4662 | --- | AGBR | 87,30 | 120,78 | 15,37 | NBR | LI |
| 4611 | --- | GA | 101,60 | 117,47 | 7,94 | PU | LI | 4663 | --- | BRG | 47,60 | 89,85 | 12,00 | NBR | LI |
| 4613 | 01721 | BRG | 100,00 | 130,00 | 12,00 | NBR | LI | 4666 | --- | GA | 82,55 | 98,43 | 7,94 | PU | LI |
| 4615 | 00019 | BRG | 38,10 | 63,50 | 12,70 | NBR | LI | 4667 | --- | BRG | 56,00 | 90,00 | 13,00 | NBR | LI |
| 4616 | --- | BRGF | 50,00 | 82,00 | 12,00 | FPM | H | 4669 | --- | AGGL | 110,00 | 125,00 | 9,00 | PU | LI |
| 4617 | --- | BRGE | 90,00 | 10,0/154,0 | 13,00 | FPM | AH | 4670 | 02868 | BRG | 125,00 | 150,00 | 13,00 | NBR | BI |
| 4618 | --- | BAGGF | 85,70 | 111,15 | 12,70 | FPM | BI | 4671 | 02580 | BAG | 44,45 | 63,50 | 12,70 | NBR | BI |
| 4619 | --- | BG | 88,90 | 114,33 | 11,89 | NBR | LI | 4672 | --- | BRG | 44,20 | 71,45 | 14,80 | NBR | H |
| 4620 | --- | GRF | 70,00 | 100,00 | 7,00 | FPM | LI | 4673 | --- | BAG | 76,20 | 110,00 | 9,50 | NBR | LI |
| 4622 | --- | BRG | 75,90 | 95,00 | 11,30 | NBR | LI | 4674 | 01017 | BR | 49,00 | 75,00 | 11,00 | NBR | LI |
| 4623 | --- | BRGE | 90,00 | 10,0/170,0 | 11,00 | FPM | AH | 4675 | --- | BAG | 60,00 | 80,00 | 13,00 | NBR | LI |
| 4627 | --- | BRF | 48,00 | 65,00 | 10,00 | FPM | H | 4676 | --- | GA | 88,90 | 104,77 | 7,94 | PU | LI |
| 4628 | --- | BRG | 35,00 | 47,05 | 10,00 | NBR | LI | 4677 | 02894 | AGBR | 106,50 | 140,00 | 15,00 | NBR | LI |
| 4629 | --- | BG | 158,75 | 196,85 | 12,70 | NBR | LI | 4678 | 00334 | BAGE | 60,30 | 92,00 | 12,0/18,0 | NBR | BI |
| 4630 | --- | BRG | 50,00 | 90,00 | 8,00 | NBR | LI | 4679 | --- | BAG | 55,60 | 107,95 | 12,70 | NBR | LI |



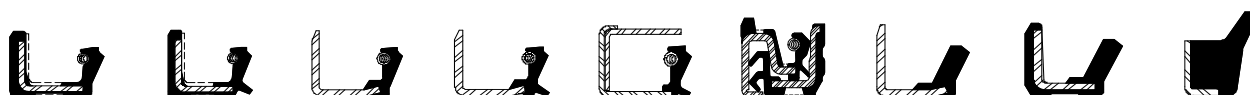
REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|--------|-------|-------|--------|--------|-----------|--------|-----|--------|-------|-------|--------|--------|-----------|---------|-----|
| 4684 | 00128 | BR | 44,50 | 66,65 | 12,70 | NBR | LI | 4791 | --- | BR | 19,00 | 29,00 | 6,50 | NBR | LI |
| 4685 | 00900 | BRG | 80,00 | 110,00 | 12,00 | NBR | LI | 4792 | 00618 | BAG | 85,00 | 110,00 | 14,00 | NBR | LI |
| 4689 | --- | BAG | 39,20 | 66,65 | 7,90 | NBR | LI | 4795 | --- | AGBB1 | 170,00 | 200,00 | 15,0/16,0 | FPM | LI |
| 4690 | --- | BAG | 39,70 | 60,30 | 7,90 | NBR | LI | 4798 | --- | AGJB | 70,00 | 90,00 | 9,0/11,0 | NBR | LI |
| 4691 | --- | AGBD | 160,00 | 196,00 | 14,0/17,0 | NBR | LI | 4799 | --- | BRGF | 95,30 | 114,25 | 11,00 | FPM | LI |
| 4694 | 01874 | BRXE2 | 74,50 | 80,10 | 22,00 | NBR | LI | 4809 | --- | GA1 | 80,00 | 95,00 | 8,00 | PU | LI |
| 4695 | --- | AGJB | 56,00 | 70,00 | 8,0/10,0 | NBR | LI | 4810 | --- | GA1 | 70,00 | 85,00 | 8,00 | PU | LI |
| 4698 | --- | AGFV | 39,70 | 54,00 | 12,70 | FPM/PU | LI | 4811 | --- | GA | 100,00 | 120,00 | 10,00 | PU | LI |
| 4699 | --- | AGK1 | 210,00 | 237,00 | 16,00 | PU | LI | 4819 | --- | BRGF | 40,00 | 80,10 | 10,00 | FPM | LI |
| 4700 | 00116 | BG | 73,00 | 101,60 | 12,70 | NBR | LI | 4836 | --- | GA | 50,00 | 60,00 | 5,00 | PU | LI |
| 4701 | --- | BRG | 35,00 | 65,00 | 12,00 | NBR | LI | 4839 | --- | GAG | 112,00 | 124,00 | 7,0/10,0 | PU | LI |
| 4702 | --- | BRG | 56,00 | 92,00 | 12,00 | NBR | LI | 4841 | --- | BA | 73,50 | 95,00 | 9,00 | NBR | LI |
| 4711 | 01806 | BRXE3 | 143,30 | 150,00 | 39,50 | NBR | LI | 4842 | --- | BG | 50,00 | 81,00 | 11,90 | NBR | LI |
| 4719 | --- | BG | 57,15 | 88,90 | 12,70 | NBR | LI | 4844 | --- | AGBB1 | 65,00 | 92,00 | 10,0/15,0 | NBR/FPM | LI |
| 4723 | --- | AGBD | 178,00 | 205,00 | 17,0/21,0 | NBR | LI | 4846 | --- | AGK1 | 70,00 | 90,50 | 14,00 | PU | LI |
| 4736 | 01805 | AGJA2 | 100,00 | 128,00 | 15,0/25,0 | NBR | LI | 4847 | --- | BRG | 60,00 | 80,00 | 8,50 | NBR | LI |
| 4740 | --- | BRAG | 60,00 | 95,00 | 12,00 | NBR | BI | 4848 | --- | BRG | 25,40 | 50,00 | 7,50 | NBR | LI |
| 4741 | 01999 | BRGG | 34,00 | 72,00 | 10,00 | NBR | LI | 4851 | --- | BRG | 25,40 | 52,00 | 7,00 | NBR | LI |
| 4745 | --- | BRAG | 90,00 | 115,00 | 13,00 | FPM | AH | 4859 | --- | BRGF | 120,00 | 140,00 | 13,00 | FPM | LI |
| 4746 | --- | BRO | 130,00 | 160,00 | 12,00 | MVQ | LI | 4860 | --- | AGK2 | 80,00 | 95,00 | 6,00 | PU | LI |
| 4747 | --- | AGBB | 127,00 | 160,00 | 15,5/17,5 | NBR | LI | 4861 | --- | AGK2 | 70,00 | 85,00 | 6,00 | PU | LI |
| 4748 | 00421 | BAGG | 73,00 | 101,60 | 11,50 | NBR | BI | 4862 | --- | AGK2 | 65,00 | 80,00 | 6,00 | PU | LI |
| 4749 | 00284 | BR | 35,00 | 55,50 | 6,40 | NBR | LI | 4863 | --- | GA | 85,00 | 100,00 | 8,00 | PU | LI |
| 4750 | --- | BRG | 35,00 | 80,00 | 10,00 | NBR | LI | 4873 | --- | AGK2 | 79,90 | 95,00 | 10,70 | PU | LI |
| 4754 | --- | BRGF | 57,00 | 85,00 | 12,00 | FPM | LI | 4887 | --- | GA1 | 44,45 | 57,15 | 6,35 | PU | LI |
| 4757 | --- | B | 88,90 | 146,07 | 14,30 | NBR | LI | 4888 | 01116 | BRG | 40,00 | 60,00 | 10,00 | NBR | LI |
| 4758 | --- | BG | 152,40 | 177,85 | 12,70 | NBR | LI | 4890 | --- | GA1 | 110,00 | 130,00 | 8,00 | PU | LI |
| 4759 | --- | AGBB1 | 178,00 | 208,00 | 14,5/18,0 | NBR | LI | 4891 | --- | GA | 45,00 | 55,00 | 5,00 | PU | LI |
| 4763 | --- | AGBL1 | 80,00 | 100,00 | 14,00 | NBR | LI | 4892 | --- | GA | 85,00 | 100,00 | 5,00 | PU | LI |
| 4765 | --- | BG | 66,70 | 92,00 | 11,00 | FPM | LI | 4895 | --- | AGFV | 46,15 | 80,00 | 16,50 | NBR/PU | LI |
| 4766 | --- | BROF | 90,00 | 120,00 | 13,00 | FPM | LI | 4896 | --- | GA | 70,00 | 83,50 | 6,00 | PU | LI |
| 4774 | --- | SLPPB | 80,00 | 130,20 | 12,0/20,0 | FPM | BI | 4899 | --- | BAG | 47,62 | 69,85 | 7,90 | MVQ | LI |
| 4775 | 00046 | BR | 75,00 | 95,10 | 13,00 | NBR | LI | 4902 | --- | BRG | 60,00 | 80,00 | 8,00 | NBR | LI |
| 4782 | --- | BRGF | 45,00 | 75,00 | 8,00 | FPM | LI | 4903 | 01109 | BR | 40,00 | 62,00 | 11,50 | NBR | LI |
| 4783 | --- | BRG | 45,00 | 75,00 | 8,00 | NBR | LI | 4906 | --- | GA | 119,85 | 140,00 | 8,00 | PU | LI |
| 4784 | --- | GAE | 75,00 | 90,00 | 5,0/7,0 | PU | LI | 4908 | --- | GA | 40,00 | 50,00 | 5,00 | PU | LI |
| 4785 | --- | GAE | 100,00 | 116,00 | 8,0/10,0 | PU | LI | 4909 | --- | GA | 45,00 | 60,00 | 4,00 | PU | LI |
| 4786 | --- | BRG | 35,00 | 52,00 | 7,00 | NBR | LI | 4910 | --- | GA | 75,00 | 90,00 | 5,00 | PU | LI |
| 4787 | --- | BR | 35,00 | 52,00 | 7,00 | NBR | LI | 4911 | --- | GA | 90,00 | 106,00 | 8,00 | PU | LI |
| 4789 | 00946 | BR | 50,00 | 70,00 | 10,00 | NBR | LI | 4912 | --- | AGK2 | 80,00 | 100,00 | 6,00 | PU | LI |



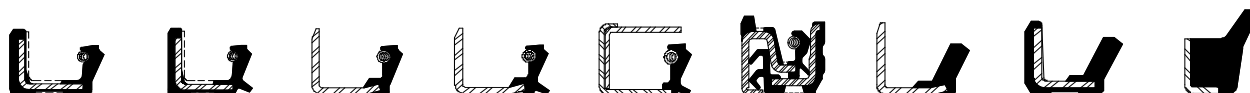
REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|--------|-----|------|--------|--------|-----------|-----|-----|--------|-------|------|--------|--------|----------|-----|-----|
| 4913 | --- | GAE | 55,00 | 65,00 | 5,0/7,0 | PU | LI | 4995 | --- | GA | 90,00 | 110,00 | 8,00 | PU | LI |
| 4914 | --- | GA | 65,00 | 80,00 | 7,50 | PU | LI | 5011 | --- | GR | 35,00 | 45,00 | 4,00 | NBR | LI |
| 4915 | --- | GA | 63,00 | 75,00 | 7,90 | PU | LI | 5130 | --- | BRF | 35,00 | 52,00 | 7,00 | FPM | LI |
| 4916 | --- | GA | 50,00 | 64,00 | 7,90 | PU | LI | 5154 | 00994 | BRG | 20,00 | 40,00 | 7,00 | NBR | LI |
| 4917 | --- | AGK2 | 75,00 | 95,00 | 7,00 | PU | LI | 5170 | --- | GA | 25,40 | 31,70 | 3,20 | NBR | LI |
| 4918 | --- | AGK2 | 65,00 | 85,00 | 6,00 | PU | LI | 5171 | --- | GA | 45,00 | 55,00 | 3,20 | PU | LI |
| 4926 | --- | AGK2 | 70,00 | 85,00 | 8,00 | PU | LI | 5187 | --- | BAG | 19,00 | 31,70 | 6,30 | NBR | LI |
| 4927 | --- | GA | 110,00 | 125,00 | 8,00 | PU | LI | 5188 | --- | BR | 28,50 | 47,60 | 9,00 | NBR | LI |
| 4928 | --- | GA | 110,00 | 120,00 | 7,00 | PU | LI | 5218 | --- | GAE | 32,00 | 45,00 | 4,0/8,0 | NBR | LI |
| 4929 | --- | GA | 90,00 | 104,00 | 8,00 | PU | LI | 5220 | 00888 | GA | 19,00 | 25,40 | 3,50 | NBR | LI |
| 4930 | --- | GA | 70,00 | 80,00 | 4,00 | PU | LI | 5224 | --- | BR | 15,80 | 25,40 | 5,50 | NBR | LI |
| 4931 | --- | GA | 50,00 | 65,00 | 4,00 | PU | LI | 5231 | --- | GA | 28,60 | 41,30 | 9,00 | NBR | LI |
| 4942 | --- | GA | 109,85 | 130,00 | 8,00 | PU | LI | 5233 | 00329 | BR | 19,00 | 28,60 | 6,30 | NBR | LI |
| 4944 | --- | GA1 | 100,00 | 116,00 | 8,00 | PU | LI | 5278 | --- | BRGF | 48,00 | 62,00 | 8,00 | FPM | BI |
| 4945 | --- | BF | 106,35 | 130,18 | 12,70 | FPM | LI | 5313 | --- | AGJD | 31,70 | 44,50 | 4,5/6,0 | NBR | LI |
| 4946 | --- | GAE | 57,15 | 73,00 | 6,3/8,5 | PU | LI | 5325 | --- | AGFU | 19,00 | 26,00 | 5,50 | NBR | LI |
| 4948 | --- | GA | 120,00 | 150,00 | 12,00 | PU | LI | 5352 | --- | BRGF | 60,30 | 82,55 | 11,10 | FPM | H |
| 4949 | --- | GA | 60,00 | 75,00 | 5,00 | PU | LI | 5459 | --- | BRG | 20,00 | 35,00 | 7,00 | NBR | LI |
| 4955 | --- | GA | 60,00 | 75,00 | 6,00 | PU | LI | 5468 | --- | BR | 30,00 | 62,00 | 7,00 | NBR | LI |
| 4957 | --- | BRG | 120,00 | 150,00 | 13,00 | NBR | LI | 5470 | --- | GA | 40,00 | 55,00 | 9,00 | NBR | LI |
| 4963 | --- | GA | 35,00 | 45,00 | 5,00 | PU | LI | 5477 | 01724 | BAGF | 27,00 | 42,70 | 7,90 | FPM | LI |
| 4964 | --- | GA | 55,00 | 70,00 | 6,00 | PU | LI | 5479 | --- | BAG | 32,80 | 50,80 | 8,00 | NBR | LI |
| 4965 | --- | GA | 100,00 | 116,00 | 8,00 | PU | LI | 5514 | --- | BAG | 17,00 | 25,00 | 4,00 | NBR | LI |
| 4966 | --- | K7 | 234,95 | 268,75 | 17,5/23,0 | NBR | LI | 5516 | --- | BRG1 | 25,50 | 40,00 | 7,0/10,0 | NBR | LI |
| 4967 | --- | AGK2 | 80,00 | 95,00 | 7,50 | PU | LI | 5526 | --- | BRF | 80,00 | 100,00 | 7,00 | FPM | LI |
| 4968 | --- | GA | 75,00 | 85,00 | 6,00 | PU | LI | 5555 | 02963 | BROF | 17,00 | 30,00 | 7,00 | FPM | LI |
| 4973 | --- | GA1 | 90,00 | 106,00 | 8,00 | PU | LI | 5599 | --- | BAG | 22,20 | 34,92 | 6,30 | NBR | LI |
| 4974 | --- | GA | 95,00 | 110,00 | 8,00 | PU | LI | 5604 | 02357 | BA | 22,20 | 31,70 | 6,00 | NBR | LI |
| 4975 | --- | GA | 140,00 | 160,00 | 8,00 | NBR | LI | 5605 | --- | BAG | 28,00 | 41,00 | 6,30 | NBR | LI |
| 4976 | --- | GA | 150,00 | 180,00 | 8,00 | NBR | LI | 5608 | 02265 | GA | 25,00 | 32,00 | 4,00 | NBR | LI |
| 4978 | --- | AGK2 | 90,00 | 105,00 | 5,00 | PU | LI | 5609 | 02355 | BA | 28,60 | 41,30 | 6,30 | NBR | LI |
| 4979 | --- | AGK2 | 95,00 | 110,00 | 5,00 | PU | LI | 5610 | 00497 | BRGF | 90,00 | 120,00 | 13,00 | FPM | LI |
| 4980 | --- | AGK2 | 100,00 | 115,00 | 5,00 | PU | LI | 5611 | 01526 | BRG | 35,00 | 46,45 | 6,40 | NBR | LI |
| 4981 | --- | AGK2 | 105,00 | 120,00 | 5,00 | PU | LI | 5633 | --- | GAE | 15,00 | 25,00 | 5,0/8,0 | PU | LI |
| 4982 | --- | AGK2 | 110,00 | 125,00 | 5,00 | PU | LI | 5643 | --- | BRG | 32,00 | 44,00 | 8,00 | NBR | LI |
| 4983 | --- | AGK2 | 115,00 | 130,00 | 5,00 | PU | LI | 5649 | --- | BRGF | 40,00 | 62,00 | 7,00 | FPM | LI |
| 4984 | --- | AGK2 | 120,00 | 135,00 | 5,00 | PU | LI | 5651 | --- | BRG | 28,60 | 41,20 | 7,00 | NBR | BI |
| 4986 | --- | GA | 103,00 | 116,00 | 4,00 | PU | LI | 5653 | --- | BRGF | 21,00 | 33,00 | 8,00 | FPM | LI |
| 4987 | --- | AGK2 | 110,00 | 130,00 | 10,00 | PU | LI | 5657 | --- | BRGF | 40,00 | 55,00 | 6,00 | FPM | LI |
| 4988 | --- | GA | 90,00 | 105,00 | 8,00 | PU | LI | 5663 | --- | GA | 28,60 | 38,10 | 5,00 | NBR | LI |



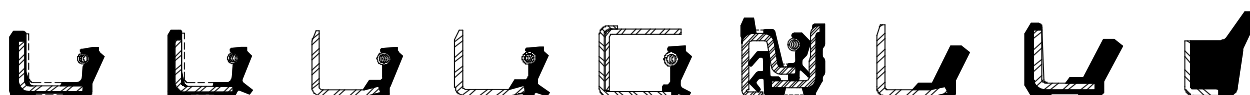
REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|--------|-------|--------|--------|--------|---------|--------|-----|--------|-------|------|--------|--------|----------|---------|-----|
| 5666 | 02010 | BR | 25,00 | 47,00 | 7,00 | NBR | LI | 5943 | --- | BA | 44,00 | 55,00 | 7,00 | NBR | LI |
| 5667 | 00563 | BR | 54,00 | 72,00 | 8,00 | NBR | LI | 5960 | 01539 | GA | 28,60 | 34,90 | 3,20 | NBR | LI |
| 5668 | --- | BRG | 28,00 | 37,00 | 7,00 | NBR | LI | 5968 | --- | GR | 20,00 | 47,00 | 7,00 | HNBR | LI |
| 5669 | 01295 | GR | 25,00 | 40,00 | 5,00 | NBR | LI | 5985 | --- | AGK1 | 55,00 | 74,00 | 10,50 | PU | LI |
| 5670 | --- | BR | 26,00 | 39,00 | 5,30 | NBR | LI | 6000 | 02715 | GA | 22,20 | 28,60 | 3,20 | NBR | LI |
| 5671 | --- | BR | 40,00 | 65,00 | 10,00 | NBR | LI | 6024 | --- | BRF | 85,00 | 110,00 | 12,00 | FPM | LI |
| 5672 | 02744 | AGBO | 30,00 | 52,00 | 10,00 | NBR | LI | 6071 | --- | GA | 52,00 | 65,00 | 8,00 | PU | LI |
| 5673 | --- | BRG | 28,58 | 50,80 | 6,35 | NBR | LI | 6085 | --- | AGD | 19,00 | 46,50 | 6,50 | FPM | LI |
| 5678 | 00569 | BRG | 19,00 | 31,70 | 6,40 | NBR | LI | 6095 | --- | BRGF | 27,00 | 38,10 | 9,00 | FPM | LI |
| 5686 | --- | AGBP | 62,00 | 78,00 | 14,00 | NBR | LI | 6112 | --- | GA | 48,00 | 57,00 | 5,50 | NBR | LI |
| 5703 | --- | BRG | 18,00 | 30,00 | 9,50 | NBR | LI | 6120 | --- | BRGF | 35,00 | 55,00 | 11,00 | FPM | H |
| 5704 | --- | BRG | 32,00 | 45,00 | 9,50 | NBR | LI | 6123 | --- | GAE | 65,00 | 75,00 | 7,0/10,0 | PU | LI |
| 5705 | --- | BR | 35,00 | 47,00 | 7,00 | FPM | LI | 6144 | --- | GAG | 50,00 | 62,00 | 7,0/10,0 | PU | LI |
| 5716 | 00906 | BR | 70,00 | 85,00 | 8,00 | NBR | LI | 6154 | --- | BAG | 34,90 | 57,40 | 6,50 | NBR | LI |
| 5724 | --- | BRGF | 45,00 | 62,00 | 7,00 | FPM | LI | 6155 | --- | GRF | 10,00 | 26,50 | 3,70 | FPM | LI |
| 5725 | --- | BRGF | 50,00 | 72,00 | 8,00 | FPM | LI | 6164 | --- | GAE | 32,00 | 42,00 | 7,0/10,0 | NBR | LI |
| 5727 | 02454 | BRG | 15,00 | 25,00 | 6,00 | NBR | LI | 6173 | --- | BRG | 34,00 | 47,00 | 7,00 | NBR | LI |
| 5728 | 01072 | BRG | 17,00 | 28,00 | 6,50 | NBR | LI | 6181 | 02148 | BRG | 25,00 | 40,00 | 9,00 | NBR | LI |
| 5733 | --- | AGJC | 23,00 | 32,00 | 4,50 | NBR | LI | 6190 | --- | GA | 54,00 | 63,50 | 5,00 | PU | LI |
| 5738 | --- | BRG | 20,00 | 32,00 | 6,50 | NBR | LI | 6194 | --- | GAG | 35,00 | 45,00 | 6,5/9,0 | NBR | LI |
| 5742 | --- | BRG | 20,00 | 36,00 | 6,30 | NBR | LI | 6195 | --- | GAG | 35,00 | 47,00 | 6,5/9,0 | NBR | LI |
| 5743 | 01058 | BR | 15,00 | 35,00 | 7,00 | NBR | LI | 6196 | --- | GAE | 55,60 | 65,10 | 7,5/10,0 | PU | LI |
| 5747 | 00906 | BR | 70,00 | 85,00 | 8,00 | MVQ | LI | 6197 | --- | GA | 40,00 | 50,00 | 3,00 | NBR | LI |
| 5755 | 01724 | BAG | 27,00 | 42,90 | 7,90 | NBR | LI | 6198 | --- | GA | 50,00 | 60,00 | 4,00 | NBR | LI |
| 5767 | 02051 | BR | 38,00 | 54,00 | 10,00 | NBR | LI | 6209 | --- | GA | 34,92 | 47,62 | 8,00 | NBR | LI |
| 5838 | 02525 | BRAGF | 26,00 | 42,00 | 8,00 | FPM | H | 6211 | --- | GA | 46,00 | 70,00 | 6,50 | NBR | LI |
| 5839 | 02317 | BRGF | 31,00 | 50,00 | 8,00 | FPM PT | H | 6219 | 01543 | BR | 25,00 | 35,00 | 7,00 | NBR | LI |
| 5840 | 00789 | BRG | 35,00 | 50,00 | 9,00 | NBR | H | 6220 | --- | BRF | 25,00 | 35,00 | 5,00 | FPM | LI |
| 5845 | --- | GA | 35,00 | 42,00 | 3,50 | NBR | LI | 6221 | --- | BRG | 32,00 | 47,00 | 10,00 | NBR | BI |
| 5846 | --- | BR | 35,00 | 52,00 | 5,00 | NBR | LI | 6234 | --- | GR | 27,00 | 33,30 | 3,20 | NBR | LI |
| 5852 | --- | BAGGEF | 52,35 | 76,20 | 9,53 | FPM | LI | 6235 | --- | GR | 27,00 | 37,30 | 3,20 | NBR | LI |
| 5877 | --- | GA | 22,20 | 34,92 | 8,00 | PU | LI | 6258 | --- | AGGG | 34,92 | 50,80 | 12,00 | MVQ/FPM | LI |
| 5900 | --- | BRF | 19,00 | 28,60 | 6,40 | FPM | LI | 6264 | 01356 | BAG | 25,40 | 38,10 | 6,30 | NBR | LI |
| 5910 | 00288 | BR | 42,00 | 56,00 | 7,00 | NBR | LI | 6269 | 01254 | BAG | 20,70 | 34,85 | 11,90 | NBR | LI |
| 5916 | --- | AGJE | 20,00 | 35,00 | 2,80 | NBR | LI | 6286 | --- | AGFZ | 22,00 | 33,00 | 2,20 | NBR | LI |
| 5931 | --- | GA | 41,28 | 47,62 | 3,20 | NBR | LI | 6295 | --- | BR | 28,20 | 38,10 | 6,00 | NBR | LI |
| 5932 | --- | GR | 41,28 | 53,98 | 4,00 | NBR | LI | 6308 | 02641 | GRF | 20,00 | 28,00 | 4,00 | FPM | LI |
| 5939 | --- | GA | 25,40 | 38,10 | 8,00 | PU | LI | 6309 | 02588 | GRF | 25,00 | 32,00 | 4,00 | FPM | LI |
| 5940 | --- | GA | 31,75 | 52,40 | 9,50 | NBR | LI | 6310 | --- | GRF | 30,00 | 37,00 | 4,00 | FPM | LI |
| 5941 | --- | GA | 38,00 | 54,00 | 8,00 | NBR | LI | 6311 | 02632 | GRF | 35,00 | 42,00 | 4,00 | FPM | LI |



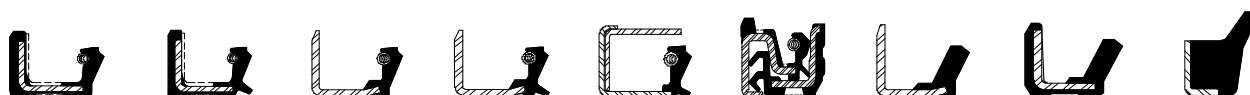
REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|--------|--------|-------|--------|--------|---------|----------|-----|--------|--------|------|--------|--------|---------|----------|-----|
| 6312 | 02640 | GRF | 17,00 | 25,00 | 3,00 | FPM | LI | 6436 | 01495 | BR | 28,00 | 40,00 | 7,00 | NBR | LI |
| 6313 | 02639 | GRF | 15,00 | 23,00 | 3,00 | FPM | LI | 6437 | 02813 | BRG | 30,00 | 52,00 | 8,00 | NBR | LI |
| 6314 | 02633 | GRF | 40,00 | 50,00 | 4,00 | FPM | LI | 6438 | --- | AGFT | 53,97 | 73,02 | 11,00 | PU | LI |
| 6315 | 02634 | GRF | 45,00 | 55,00 | 4,00 | FPM | LI | 6446 | --- | BR | 35,00 | 45,00 | 7,00 | FPM | LI |
| 6316 | 02635 | GRF | 55,00 | 65,00 | 5,00 | FPM | LI | 6447 | --- | BRF | 40,00 | 56,00 | 8,00 | FPM | LI |
| 6317 | 02636 | GRF | 60,00 | 72,00 | 6,00 | FPM | LI | 6448 | --- | BRF | 55,00 | 70,00 | 8,00 | FPM PT | LI |
| 6318 | 02637 | GRF | 70,00 | 85,00 | 7,00 | FPM | LI | 6449 | --- | BRF | 60,00 | 75,00 | 8,00 | FPM/INOX | LI |
| 6319 | --- | GRF | 80,00 | 100,00 | 10,00 | FPM | LI | 6450 | --- | BRF | 80,00 | 100,00 | 10,00 | FPM/INOX | LI |
| 6320 | 00790 | BRF | 15,00 | 24,00 | 7,00 | FPM | LI | 6470 | --- | BR | 30,00 | 37,00 | 4,00 | NBR | LI |
| 6321 | 02701 | BRF | 17,00 | 28,00 | 5,00 | FPM | LI | 6482 | --- | BA | 32,76 | 50,80 | 7,90 | NBR | LI |
| 6322 | --- | BRF | 12,00 | 28,00 | 7,00 | FPM/INOX | LI | 6483 | --- | BRF | 40,00 | 56,00 | 8,00 | FPM | LI |
| 6323 | --- | BR | 17,00 | 30,00 | 7,00 | FPM/INOX | LI | 6484 | 02639 | GR | 15,00 | 23,00 | 3,00 | NBR | LI |
| 6324 | 00712 | BRF | 20,00 | 32,00 | 6,00 | FPM | LI | 6490 | 00790 | BR | 15,00 | 24,00 | 7,00 | NBR | LI |
| 6325 | --- | BR | 25,00 | 35,00 | 7,00 | FPM/INOX | LI | 6491 | 00501 | BR | 60,00 | 75,00 | 8,00 | NBR | LI |
| 6326 | 01535 | BRF | 30,00 | 40,00 | 7,00 | FPM | LI | 6492 | 00712 | BR | 20,00 | 32,00 | 6,00 | FPM | LI |
| 6327 | --- | BRF | 35,00 | 45,00 | 7,00 | FPM | LI | 6493 | --- | BRG | 36,60 | 50,80 | 8,00 | NBR | LI |
| 6328 | --- | BRF | 35,00 | 52,00 | 7,00 | FPM | LI | 6505 | --- | BA | 12,00 | 18,00 | 6,00 | NBR | LI |
| 6329 | 00880 | BRF | 40,00 | 56,00 | 8,00 | FPM | LI | 6515 | --- | BRGG | 30,00 | 47,00 | 10,00 | NBR | LI |
| 6331 | 01181 | BRF | 55,00 | 70,00 | 8,00 | FPM | LI | 6516 | 01340 | BR | 50,00 | 68,00 | 10,00 | NBR | LI |
| 6332 | 00501F | BRF | 60,00 | 75,00 | 8,00 | FPM | LI | 6517 | --- | BRGG | 28,50 | 38,10 | 10,00 | NBR | LI |
| 6333 | 00906 | BRF | 70,00 | 85,00 | 8,00 | FPM | LI | 6518 | 01109 | BR | 40,00 | 62,00 | 11,50 | NBR | LI |
| 6334 | 00610F | BRF | 80,00 | 100,00 | 10,00 | FPM | LI | 6519 | 00701 | B | 30,00 | 50,75 | 11,00 | NBR | LI |
| 6335 | --- | BRF | 95,00 | 115,00 | 13,00 | FPM | LI | 6520 | 00131 | BR | 30,00 | 47,00 | 10,00 | NBR | LI |
| 6336 | --- | BRF | 110,00 | 140,00 | 13,00 | FPM/INOX | LI | 6521 | 00784 | BRG | 19,00 | 35,00 | 7,00 | NBR | LI |
| 6340 | --- | BRF | 125,00 | 150,00 | 12,00 | FPM | LI | 6522 | 001535 | BRG | 30,00 | 40,00 | 7,00 | NBR | LI |
| 6342 | 00916 | BAG | 15,00 | 28,00 | 7,00 | NBR | LI | 6523 | 01988 | BRG | 40,00 | 52,00 | 7,40 | NBR | LI |
| 6343 | --- | BRF | 120,00 | 150,00 | 12,00 | FPM | LI | 6535 | --- | GA | 60,00 | 67,00 | 4,00 | NBR | LI |
| 6355 | --- | BR | 26,00 | 35,00 | 7,00 | NBR | LI | 6536 | --- | BR | 60,00 | 80,00 | 7,00 | NBR | BI |
| 6365 | --- | AGFT | 44,45 | 61,90 | 11,00 | PU | LI | 6538 | 00801 | BRG | 32,00 | 52,10 | 10,00 | NBR | LI |
| 6366 | --- | AGFK | 28,00 | 42,00 | 11,00 | NBR/PU | LI | 6542 | --- | BRGS | 49,20 | 68,22 | 8,00 | MVQ | LI |
| 6373 | 02632 | GR | 35,00 | 42,00 | 4,00 | NBR | LI | 6549 | --- | BRG | 30,00 | 37,00 | 4,00 | NBR | LI |
| 6379 | 02634 | GR | 45,00 | 55,00 | 4,00 | NBR | LI | 6550 | --- | BRG | 35,00 | 45,00 | 7,00 | NBR | LI |
| 6380 | 02635 | GR | 55,00 | 65,00 | 5,00 | NBR | LI | 6551 | 02677 | BRG | 70,00 | 85,00 | 8,00 | NBR | LI |
| 6383 | --- | BAF | 28,60 | 47,60 | 6,35 | FPM | LI | 6552 | --- | BRGF | 32,00 | 42,00 | 8,00 | FPM | H |
| 6384 | --- | BAF | 34,90 | 52,40 | 8,00 | FPM | LI | 6553 | --- | BRG | 12,00 | 28,10 | 7,00 | NBR | LI |
| 6414 | --- | BRAGF | 27,00 | 37,00 | 7,00 | FPM PT | H | 6581 | --- | BRF | 30,00 | 40,00 | 5,00 | FPM | LI |
| 6415 | 05074 | BRAGF | 30,00 | 43,00 | 8,00 | FPM | H | 6582 | 02638 | GR | 12,00 | 18,00 | 3,00 | NBR | LI |
| 6431 | 01420 | BR | 12,00 | 28,10 | 7,00 | NBR | LI | 6583 | --- | GRF | 12,00 | 18,00 | 3,00 | FPM | LI |
| 6432 | 00712 | BR | 20,00 | 32,00 | 6,00 | NBR | LI | 6584 | 01420 | BRF | 12,00 | 28,10 | 7,00 | FPM | LI |
| 6435 | 01556 | BR | 25,00 | 40,00 | 8,00 | NBR | LI | 6585 | 00726 | BR | 16,30 | 24,00 | 7,00 | NBR | LI |



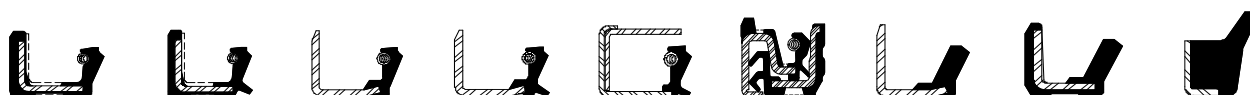
REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|--------|-------|-------|--------|--------|---------|----------|-----|--------|-------|------|--------|--------|----------|----------|-----|
| 6586 | 02640 | GR | 17,00 | 25,00 | 3,00 | NBR | LI | 6869 | --- | AGJN | 47,00 | 65,00 | 9,00 | EPDM | LI |
| 6587 | 02161 | BR | 17,00 | 25,00 | 4,00 | NBR | LI | 6873 | --- | AGJP | 21,00 | 38,00 | 20,70 | NBR | LI |
| 6588 | 02161 | BRF | 17,00 | 25,00 | 4,00 | FPM | LI | 6881 | 01550 | BRG | 55,00 | 72,00 | 10,00 | NBR | LI |
| 6589 | 02641 | GR | 20,00 | 28,00 | 4,00 | NBR | LI | 6904 | --- | GA | 28,60 | 35,00 | 4,00 | NBR | LI |
| 6590 | 00505 | BR | 20,00 | 30,00 | 7,00 | NBR | LI | 6909 | --- | BRG | 45,00 | 62,00 | 7,00 | NBR | LI |
| 6591 | 00712 | BR | 20,00 | 32,00 | 6,00 | NBR | LI | 6940 | 02701 | BR | 17,00 | 28,00 | 5,00 | NBR | LI |
| 6592 | 02642 | GR | 25,00 | 32,00 | 4,00 | NBR | LI | 6941 | 00880 | BR | 40,00 | 56,00 | 8,00 | NBR | LI |
| 6594 | 01543 | BRF | 25,00 | 35,00 | 7,00 | FPM | LI | 6942 | 01181 | BR | 55,00 | 70,00 | 8,00 | NBR | LI |
| 6595 | 02568 | BRG | 26,00 | 35,00 | 7,00 | NBR | LI | 6944 | --- | B | 38,10 | 54,00 | 12,00 | NBR | H |
| 6596 | --- | BRF | 30,00 | 37,00 | 4,00 | FPM | LI | 6963 | --- | BBRG | 45,00 | 68,00 | 12,00 | NBR | LI |
| 6597 | --- | BRGF | 30,00 | 47,00 | 6,00 | PM/INOX | LI | 6964 | 01964 | BAG | 28,60 | 38,10 | 6,50 | NBR | LI |
| 6600 | --- | BRG | 32,00 | 42,00 | 7,00 | NBR | LI | 6965 | 02099 | BA | 36,00 | 54,00 | 7,00 | NBR | LI |
| 6601 | --- | GRF | 35,00 | 45,00 | 7,00 | FPM | LI | 6966 | --- | BAGF | 28,00 | 41,00 | 6,60 | FPM | LI |
| 6602 | --- | BRF | 45,00 | 55,00 | 6,00 | FPM | LI | 6967 | 00734 | BR | 44,50 | 57,15 | 9,40 | NBR | LI |
| 6603 | --- | BRF | 45,00 | 62,00 | 7,00 | FPM | LI | 6968 | 02529 | BRG | 55,00 | 80,00 | 8,00 | NBR | LI |
| 6604 | --- | BRF | 45,00 | 62,00 | 7,00 | FPM PT | LI | 6969 | --- | BAG | 60,00 | 90,00 | 13,00 | NBR | LI |
| 6605 | --- | BRF | 50,00 | 60,00 | 6,00 | FPM | LI | 6970 | 02530 | BRG | 65,00 | 85,00 | 10,00 | NBR | LI |
| 6606 | 01422 | BR | 50,00 | 65,00 | 8,00 | NBR | LI | 6971 | --- | BR | 66,70 | 92,00 | 12,00 | NBR | H |
| 6607 | --- | BRF | 70,00 | 85,00 | 7,00 | FPM | LI | 6973 | 01549 | BRG | 100,00 | 125,00 | 12,00 | NBR | LI |
| 6609 | --- | BRF | 85,00 | 110,00 | 7,50 | FPM | LI | 6974 | --- | BRO | 100,00 | 125,00 | 15,00 | NBR | LI |
| 6610 | 02574 | BRF | 90,00 | 110,00 | 12,00 | FPM | LI | 6980 | --- | BRG | 62,00 | 85,00 | 8,00 | NBR | LI |
| 6611 | --- | BRF | 95,00 | 115,00 | 11,80 | FPM | LI | 6994 | 02234 | BRG | 30,00 | 42,00 | 10,00 | NBR | LI |
| 6622 | --- | BRF | 15,00 | 23,00 | 3,00 | FPM PT | LI | 9003 | --- | BR | 16,00 | 28,00 | 5,50 | NBR | LI |
| 6628 | 02794 | BRAGF | 38,00 | 50,00 | 8,00 | FPM | LI | 9013 | --- | BRG | 29,00 | 45,00 | 9,50 | NBR | LI |
| 6639 | --- | AGGI | 39,95 | 62,00 | 7,50 | NBR/PTFE | LI | 9066 | --- | BRGF | 29,00 | 43,00 | 8,00 | FPM | LI |
| 6646 | --- | BRAG | 28,50 | 38,10 | 8,00 | NBR | LI | 9072 | --- | GRF | 33,30 | 46,00 | 5,00 | FPM/PTFE | LI |
| 6651 | --- | GRS | 40,00 | 50,00 | 4,00 | MVQ | LI | 9073 | --- | GR | 33,30 | 39,70 | 3,50 | NBR | LI |
| 6656 | --- | BR | 35,00 | 47,00 | 7,00 | NBR | LI | 9093 | --- | GR | 30,00 | 62,00 | 7,00 | HNBR | LI |
| 6657 | 00610 | BR | 80,00 | 100,00 | 10,00 | NBR | LI | 9094 | --- | GAE | 30,00 | 42,00 | 5,0/8,0 | PU | LI |
| 6680 | 02153 | BRG | 29,40 | 42,85 | 8,00 | NBR | LI | 9097 | --- | GAE | 30,00 | 40,00 | 5,0/8,0 | PU | LI |
| 6711 | --- | AGGQ1 | 15,50 | 30,80 | 11,50 | NBR | LI | 9104 | --- | GAGE | 30,00 | 44,00 | 8,0/10,0 | NBR | LI |
| 6736 | --- | BRG | 30,00 | 47,00 | 7,00 | NBR | LI | 9124 | --- | BR | 28,00 | 40,00 | 7,50 | NBR | LI |
| 6781 | --- | BRF | 40,00 | 50,00 | 6,00 | FPM | LI | 9137 | --- | BR | 16,00 | 24,00 | 6,00 | NBR | LI |
| 6809 | 01973 | GA | 50,00 | 58,00 | 4,00 | NBR | LI | 9144 | --- | GRF | 25,00 | 52,00 | 7,00 | FPM | LI |
| 6813 | --- | BRG | 57,00 | 70,00 | 5,00 | NBR | LI | 9171 | --- | BRGF | 30,00 | 62,00 | 10,00 | FPM | LI |
| 6830 | --- | GA | 31,75 | 42,92 | 5,00 | NBR | LI | 9173 | --- | BR | 21,00 | 31,00 | 6,20 | NBR | LI |
| 6835 | 03025 | BRGF | 25,00 | 35,00 | 6,00 | FPM | H | 9180 | --- | GA | 19,00 | 31,70 | 6,30 | NBR | LI |
| 6838 | --- | AGFE | 35,00 | 52,00 | 3,50 | NBR | LI | 9215 | --- | GAG | 45,00 | 59,00 | 8,0/13 | PU | LI |
| 6864 | --- | GR | 28,60 | 35,00 | 4,00 | NBR | LI | 9220 | --- | GRS | 20,00 | 28,00 | 4,00 | MVQ | LI |
| 6865 | --- | BR | 28,60 | 42,00 | 5,60 | NBR | LI | 9266 | --- | BAG | 25,40 | 38,10 | 7,90 | NBR | LI |



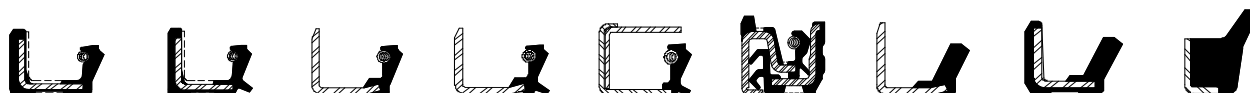
REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|--------|-------|------|--------|--------|----------|---------|-----|--------|-------|-------|--------|--------|---------|------|-----|
| 9278 | --- | GAE | 22,20 | 31,80 | 4,8/7,0 | NBR | LI | 9800 | --- | GA | 34,92 | 44,45 | 4,76 | PU | LI |
| 9364 | --- | K7 | 33,30 | 57,50 | 10,50 | NBR | LI | 9804 | 02335 | BAG | 15,90 | 22,20 | 4,30 | NBR | LI |
| 9365 | --- | GR | 33,30 | 46,00 | 4,00 | HNBR | LI | 9805 | --- | BRG | 19,00 | 29,80 | 5,00 | NBR | LI |
| 9382 | --- | GR | 25,00 | 32,00 | 7,00 | NBR | LI | 9810 | --- | BR | 26,00 | 35,00 | 5,00 | NBR | LI |
| 9383 | --- | BBRG | 50,00 | 72,00 | 12,00 | NBR | LI | 9811 | 01072 | BR | 17,00 | 28,00 | 6,00 | NBR | LI |
| 9388 | --- | GR | 30,20 | 42,00 | 6,00 | NBR | LI | 9814 | --- | AGJK | 14,00 | 22,00 | 5,0/7,0 | NBR | LI |
| 9400 | --- | BR | 28,00 | 38,00 | 7,00 | NBR | LI | 9818 | 01993 | BR | 27,00 | 38,10 | 6,40 | NBR | LI |
| 9408 | --- | GRS | 35,00 | 42,00 | 4,00 | MVQ | LI | 9826 | --- | GAE | 35,00 | 45,00 | 7,0/9,5 | NBR | LI |
| 9422 | 00285 | BA | 27,00 | 38,10 | 6,40 | NBR | LI | 9850 | 01875 | BR | 14,00 | 32,00 | 10,00 | NBR | LI |
| 9438 | --- | GR | 20,00 | 28,00 | 4,00 | HNBR | LI | 9851 | 01873 | GRE | 30,50 | 38,00 | 7,90 | NBR | LI |
| 9455 | --- | BR | 75,00 | 100,00 | 10,00 | NBR | LI | 9882 | --- | GA | 10,00 | 15,30 | 2,00 | NBR | LI |
| 9467 | --- | BBRG | 38,00 | 58,00 | 12,00 | NBR | LI | 9916 | --- | BRGF | 36,50 | 47,60 | 6,35 | FPM | LI |
| 9475 | 01949 | BRG | 35,00 | 62,00 | 10,00 | FPM | LI | 9938 | 00289 | BAG | 12,00 | 22,00 | 7,00 | NBR | LI |
| 9491 | --- | BROF | 17,40 | 28,42 | 7,70 | FPM | LI | 9950 | --- | BR | 25,40 | 36,50 | 8,60 | NBR | LI |
| 9497 | --- | BR | 12,00 | 22,00 | 7,00 | NBR | LI | 9951 | --- | BR | 10,00 | 18,00 | 6,00 | NBR | LI |
| 9526 | --- | GRS | 30,00 | 62,00 | 7,00 | MVQ | LI | 9952 | --- | BR | 19,00 | 30,00 | 7,00 | NBR | LI |
| 9527 | --- | BRS | 12,00 | 28,00 | 7,00 | MVQ | LI | 9953 | --- | BR | 25,00 | 33,00 | 6,00 | NBR | LI |
| 9528 | --- | BR | 80,00 | 100,00 | 7,00 | NBR | LI | 9965 | 00286 | BR | 15,90 | 25,40 | 4,50 | NBR | LI |
| 9555 | --- | GR | 12,00 | 18,00 | 3,00 | HNBR | LI | 9967 | --- | BR | 12,70 | 28,65 | 6,50 | NBR | LI |
| 9558 | --- | GAEF | 16,00 | 26,00 | 5,0/8,0 | FPM | LI | 9998 | --- | GA | 32,00 | 45,00 | 5,50 | PU | LI |
| 9572 | --- | BRG | 30,00 | 44,00 | 6,00 | NBR | LI | 9999 | --- | BR | 35,00 | 42,00 | 4,00 | NBR | LI |
| 9576 | 02096 | BA | 30,00 | 37,00 | 4,00 | NBR | LI | AG4848 | --- | BRG | 60,00 | 80,00 | 8,50 | NBR | LI |
| 9581 | --- | GR | 18,00 | 24,00 | 3,00 | NBR | LI | AG7006 | --- | BAG | 24,00 | 38,00 | 6,30 | NBR | LI |
| 9589 | --- | BAF | 30,00 | 37,00 | 4,00 | FPM | LI | AG7007 | --- | BAG | 32,50 | 50,80 | 8,00 | NBR | LI |
| 9645 | --- | AGJK | 12,00 | 20,00 | 4,0/6,0 | NBR | LI | AG7009 | --- | GA | 57,35 | 72,85 | 6,35 | PU | LI |
| 9650 | --- | BRF | 18,00 | 30,00 | 6,00 | FPM | LI | AG7026 | --- | BRG | 85,00 | 100,00 | 9,00 | NBR | LI |
| 9655 | --- | BR | 17,40 | 28,50 | 6,20 | NBR | LI | AG7042 | --- | BR | 20,00 | 32,00 | 6,00 | HNBR | LI |
| 9690 | --- | BRGF | 19,50 | 33,00 | 7,30 | FPM | LI | AG7043 | --- | BR | 25,00 | 35,00 | 7,00 | HNBR | LI |
| 9711 | --- | GRF | 16,35 | 26,50 | 4,00 | FPM | LI | AG7050 | --- | GA | 69,50 | 82,55 | 7,90 | PU | LI |
| 9712 | --- | AGJM | 31,00 | 43,00 | 3,0/7,5 | NBR | LI | AG7052 | --- | GA | 70,00 | 85,00 | 5,00 | PU | LI |
| 9718 | --- | GAE | 16,00 | 22,00 | 3,0/4,0 | NBR | LI | AG7053 | --- | AGGL | 75,00 | 90,00 | 5,00 | PU | LI |
| 9719 | --- | GAE | 18,00 | 28,00 | 7,0/11,5 | NBR | LI | AG7060 | --- | BAG | 34,90 | 54,00 | 7,90 | NBR | LI |
| 9720 | --- | AGAO | 16,00 | 22,00 | 3,0/4,0 | NBR | LI | AG7105 | --- | AGGQ1 | 15,50 | 30,80 | 15,50 | NBR | LI |
| 9723 | --- | BR | 18,00 | 30,00 | 7,00 | NBR | LI | AG7128 | 01310 | BAG | 32,00 | 42,00 | 7,00 | NBR | LI |
| 9754 | --- | AGJG | 16,00 | 32,00 | 8,00 | NBR | LI | AG7149 | --- | BR | 12,70 | 22,35 | 8,00 | NBR | LI |
| 9765 | --- | BRGF | 19,50 | 30,00 | 6,00 | FPM | LI | AG7150 | --- | GRF | 35,00 | 52,00 | 6,00 | FPM | LI |
| 9778 | --- | GA | 28,60 | 35,00 | 2,50 | NBR | LI | AG7178 | --- | BRF | 82,00 | 100,00 | 10,00 | FPM | LI |
| 9782 | --- | GA | 17,00 | 23,50 | 3,00 | NBR | LI | AG7195 | 01495 | BRF | 28,00 | 40,00 | 7,00 | FPM | LI |
| 9792 | --- | BAF | 12,00 | 18,00 | 6,00 | FPM/INO | LI | AG7199 | --- | BA | 25,40 | 47,60 | 6,35 | NBR | LI |
| 9799 | --- | AGJC | 27,00 | 33,40 | 5,00 | NBR | LI | AG7200 | --- | BR | 27,00 | 39,70 | 6,35 | NBR | LI |



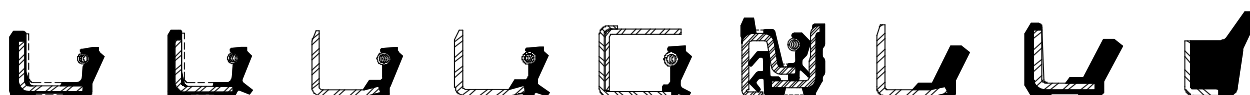
REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|--------|-------|-------|--------|--------|----------|--------|-----|--------|-------|-------|--------|--------|---------|--------|-----|
| AG7204 | --- | GA | 19,00 | 27,00 | 4,50 | NBR | LI | AG7484 | --- | GA | 47,60 | 65,00 | 9,50 | PU | LI |
| AG7211 | --- | AGBT | 17,60 | 29,80 | 3,5/4,4 | NBR | LI | AG7491 | 01058 | BRF | 15,00 | 35,00 | 7,00 | FPM | LI |
| AG7213 | --- | AGAO | 12,70 | 19,05 | 2,5/3,2 | NBR | LI | AG7501 | --- | BA | 15,00 | 32,00 | 7,00 | NBR | LI |
| AG7214 | 01992 | BR | 30,25 | 39,70 | 6,35 | NBR | LI | AG7502 | --- | GA | 25,00 | 32,00 | 5,00 | NBR | LI |
| AG7228 | --- | BRGF | 40,00 | 67,00 | 7,00 | FPM | LI | AG7509 | --- | AGJJ | 15,00 | 29,00 | 14,50 | FPM | LI |
| AG7229 | --- | BRG | 33,00 | 72,30 | 9,50 | NBR | LI | AG7510 | --- | AGJJ | 22,00 | 36,00 | 14,50 | FPM | LI |
| AG7230 | --- | BRGF | 52,00 | 72,00 | 7,00 | FPM | LI | AG7515 | --- | GA | 57,15 | 73,00 | 6,35 | PU | LI |
| AG7231 | --- | BRG | 31,00 | 46,00 | 8,00 | NBR | LI | AG7518 | --- | BRAGF | 26,00 | 42,00 | 8,00 | FPM PT | H |
| AG7232 | 05784 | BRGF | 32,00 | 46,00 | 6,00 | FPM | H | AG7519 | --- | BRAGF | 30,00 | 43,00 | 8,00 | FPM | H |
| AG7234 | --- | BRGF | 31,00 | 46,00 | 7,00 | FPM | H | AG7521 | --- | AGGO1 | 18,00 | 33,50 | 14,50 | NBR | LI |
| AG7275 | --- | BRGF | 20,00 | 30,00 | 7,00 | FPM | LI | AG7522 | --- | BRG | 15,00 | 35,00 | 7,00 | NBR | LI |
| AG7286 | 02589 | GR | 15,00 | 21,00 | 3,00 | NBR | LI | AG7523 | --- | BRG | 15,00 | 24,00 | 7,00 | NBR | LI |
| AG7287 | --- | BAG | 25,40 | 42,80 | 7,90 | NBR | LI | AG7524 | 02727 | BRG | 25,00 | 52,00 | 8,00 | NBR | LI |
| AG7289 | 05353 | BRGF | 46,70 | 62,00 | 9,00 | FPM | LI | AG7525 | --- | BRGF | 60,00 | 75,00 | 8,00 | FPM | LI |
| AG7290 | 05352 | BRGF | 57,00 | 71,00 | 9,00 | FPM | LI | AG7545 | --- | BR | 80,00 | 100,00 | 10,00 | MVQ | LI |
| AG7295 | --- | BRG | 35,00 | 48,00 | 8,00 | NBR | LI | AG7554 | --- | BRG | 45,00 | 55,00 | 7,00 | NBR | LI |
| AG7306 | --- | BRGF | 38,10 | 57,15 | 9,50 | FPM | LI | AG7555 | --- | GAGE | 28,00 | 40,00 | 8,3/9,6 | NBR | LI |
| AG7307 | --- | BRGF | 34,90 | 57,15 | 8,00 | FPM | LI | AG7563 | --- | GA | 20,60 | 31,75 | 5,00 | NBR | LI |
| AG7308 | --- | BRG | 44,45 | 63,50 | 9,50 | NBR | LI | AG7564 | 00262 | BAG | 28,00 | 47,00 | 10,00 | NBR | LI |
| AG7309 | --- | BRGF | 44,45 | 60,00 | 7,00 | FPM | LI | AG7565 | 01502 | BAG | 35,00 | 44,50 | 7,00 | NBR | LI |
| AG7310 | --- | BBRGF | 55,00 | 78,00 | 12,00 | FPM | LI | AG7566 | --- | GRG | 20,00 | 47,00 | 15,00 | NBR | LI |
| AG7316 | --- | BRG | 35,00 | 62,00 | 7,00 | NBR | LI | AG7567 | --- | GRG | 25,00 | 62,00 | 18,00 | NBR | LI |
| AG7318 | --- | BAGF | 32,80 | 50,80 | 8,00 | FPM | LI | AG7572 | --- | AGJJ | 22,00 | 36,00 | 14,50 | FPM | LI |
| AG7324 | 05253 | BRGF | 35,00 | 50,00 | 7,00 | FPM | H | AG7576 | --- | GA | 53,98 | 73,02 | 9,50 | PU | LI |
| AG7342 | --- | BAG | 17,40 | 28,50 | 6,35 | NBR | LI | AG7578 | --- | GAE | 22,00 | 28,00 | 5,0/8,0 | NBR | LI |
| AG7346 | --- | GA | 50,80 | 60,30 | 4,76 | PU | LI | AG7579 | --- | GAE | 10,00 | 16,00 | 5,0/6,7 | NBR | LI |
| AG7347 | --- | BR | 45,00 | 65,00 | 7,00 | NBR | BI | AG7580 | --- | GAE | 16,00 | 26,00 | 5,0/8,0 | NBR | LI |
| AG7355 | --- | BR | 30,00 | 47,00 | 6,00 | M/INOX | LI | AG7581 | 00909 | BR | 20,00 | 47,10 | 10,00 | NBR | LI |
| AG7366 | --- | GAG | 56,00 | 68,00 | 7,0/10,0 | PU | LI | AG7582 | --- | BRGF | 80,00 | 105,00 | 13,00 | FPM | LI |
| AG7368 | 05580 | BRGF | 32,00 | 44,00 | 6,00 | FPM | H | AG7584 | --- | BRGF | 45,00 | 65,00 | 7,00 | FPM | LI |
| AG7369 | --- | BRG | 30,00 | 50,00 | 7,00 | NBR | LI | AG7589 | --- | GA | 44,45 | 50,80 | 3,20 | NBR | LI |
| AG7370 | 01949 | BRG | 35,00 | 62,00 | 10,00 | NBR | LI | AG7590 | --- | GRF | 44,45 | 63,50 | 4,00 | FPM | LI |
| AG7380 | --- | GAG | 63,00 | 75,00 | 7,0/10,0 | PU | LI | AG7591 | 00459 | BRGF | 55,00 | 80,00 | 10,00 | FPM | LI |
| AG7383 | 02032 | BA | 25,40 | 34,95 | 6,40 | NBR | H | AG7621 | --- | BRGF | 55,00 | 72,00 | 7,00 | FPM | LI |
| AG7387 | 00795 | BR | 16,00 | 30,00 | 10,00 | NBR | LI | AG7626 | --- | BR | 72,00 | 90,00 | 10,00 | NBR | LI |
| AG7396 | --- | BRGF | 30,00 | 40,00 | 7,00 | FPM | LI | AG7635 | --- | BRF | 60,00 | 80,00 | 8,00 | FPM | LI |
| AG7410 | --- | GRS | 70,00 | 85,00 | 7,00 | MVQ | LI | AG7647 | 01245 | BRG | 20,00 | 40,00 | 6,00 | NBR | LI |
| AG7428 | --- | BRGF | 32,00 | 42,00 | 7,00 | FPM | LI | AG7648 | --- | AGGO | 15,00 | 30,00 | 12,50 | NBR | LI |
| AG7467 | --- | GAE | 25,00 | 35,00 | 7,0/10,0 | PU | LI | AG7649 | --- | BR | 40,00 | 62,00 | 10,00 | NBR | LI |
| AG7471 | --- | GAE | 45,00 | 57,00 | 7,0/10,0 | PU | LI | AG7654 | --- | BAG | 38,10 | 50,80 | 8,00 | NBR | LI |



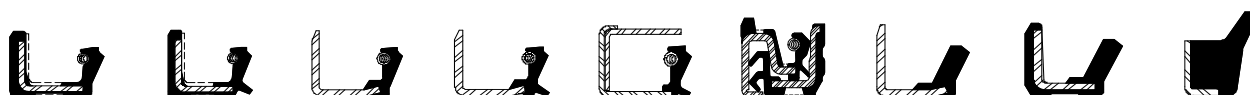
REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|--------|-------|--------|--------|--------|-----------|--------|-----|--------|-------|-------|--------|--------|----------|------|-----|
| AG7655 | --- | BAG | 44,45 | 69,85 | 8,00 | NBR | LI | AG7738 | --- | AGGK1 | 33,00 | 45,20 | 6,50 | PTFE | LI |
| AG7656 | --- | BAG | 41,30 | 60,30 | 9,50 | NBR | LI | AG7747 | 01109 | BRF | 40,00 | 62,00 | 11,50 | FPM | LI |
| AG7658 | --- | BAG | 44,45 | 76,20 | 8,00 | NBR | LI | AG7748 | 00508 | BAG | 17,00 | 28,00 | 7,00 | NBR | LI |
| AG7662 | --- | BAGGEF | 47,60 | 69,85 | 12,70 | FPM | LI | AG7759 | --- | BRAGF | 20,00 | 30,00 | 6,00 | FPM | LI |
| AG7667 | 00028 | B | 31,70 | 50,70 | 11,00 | NBR | LI | AG7765 | --- | BAGF | 34,90 | 54,00 | 7,90 | FPM | LI |
| AG7668 | 02106 | GA | 28,00 | 40,00 | 5,00 | NBR | LI | AG7767 | --- | GAG | 55,00 | 67,00 | 6,5/10,0 | PU | LI |
| AG7670 | --- | BR | 60,00 | 75,00 | 8,00 | MVQ | LI | AG7769 | --- | BRG | 29,40 | 38,10 | 4,75 | FPM | LI |
| AG7671 | 02261 | GAE | 25,00 | 35,00 | 5,0/7,0 | NBR | LI | AG7783 | --- | GA | 100,00 | 115,00 | 8,00 | PU | LI |
| AG7672 | 10316 | AGNK | 2,00 | 24,50 | 14,70 | NBR | LI | AG7784 | --- | GA | 120,00 | 130,17 | 7,00 | PU | LI |
| AG7673 | --- | AGJL | 40,00 | 50,00 | 12,0/21,0 | NBR | LI | AG7793 | --- | BRG | 63,00 | 90,00 | 8,00 | NBR | LI |
| AG7674 | 00510 | AGX | 16,00 | 35,00 | 12,00 | NBR | LI | AG7800 | --- | BAF | 47,62 | 66,67 | 11,10 | FPM | LI |
| AG7675 | 01089 | AGX1 | 22,00 | 45,00 | 12,00 | NBR | LI | AG7803 | --- | GA | 25,33 | 31,75 | 3,18 | NBR | LI |
| AG7676 | --- | GAE | 10,00 | 16,00 | 3,0/5,0 | NBR | LI | AG7810 | --- | BRGF | 40,00 | 62,00 | 8,00 | FPM | LI |
| AG7677 | 01102 | AGB | 5,00 | CS0806 | 14,00 | NBR | LI | AG7814 | --- | GAG | 65,00 | 79,00 | 8,0/11,0 | PU | LI |
| AG7679 | 01876 | AGC | 20,90 | 30,06 | 12,00 | NBR | LI | AG7823 | --- | BRG | 60,00 | 75,00 | 8,00 | NBR | LI |
| AG7680 | 02376 | BRG | 30,00 | 47,00 | 7,00 | FPM | AH | AG7825 | --- | AGX1 | 57,00 | 85,00 | 13,00 | NBR | LI |
| AG7681 | --- | GA | 35,00 | 45,00 | 7,00 | MVQ | LI | AG7826 | 02316 | GA | 57,20 | 82,60 | 6,50 | NBR | LI |
| AG7682 | --- | BR | 40,00 | 56,00 | 8,00 | MVQ | LI | AG7829 | --- | BR | 35,00 | 72,00 | 7,00 | NBR | LI |
| AG7684 | 01299 | BRG | 28,60 | 38,10 | 6,00 | NBR | LI | AG7857 | --- | GA | 57,15 | 66,68 | 4,78 | NBR | LI |
| AG7685 | --- | AGJN1 | 47,00 | 67,00 | 5,0/6,0 | NBR | LI | AG7883 | 02152 | BAGGG | 34,00 | 55,00 | 15,00 | NBR | LI |
| AG7687 | --- | GRS | 25,00 | 32,00 | 4,00 | MVQ | LI | AG7901 | --- | BR | 35,00 | 45,00 | 7,00 | MVQ | LI |
| AG7689 | --- | BR | 86,00 | 110,00 | 12,00 | FPM | LI | AG7910 | --- | BRGF | 34,92 | 52,00 | 6,00 | FPM | LI |
| AG7694 | --- | BR | 24,00 | 40,00 | 7,00 | NBR | LI | AG7914 | --- | BA | 24,60 | 44,45 | 7,90 | NBR | LI |
| AG7698 | --- | GRS | 15,00 | 35,00 | 7,00 | MVQ | LI | AG7923 | 02677 | BRG | 70,00 | 85,00 | 8,00 | FPM | LI |
| AG7699 | --- | GRS | 17,00 | 40,00 | 7,00 | MVQ | LI | AG7927 | --- | BRG | 25,00 | 47,00 | 8,00 | NBR | LI |
| AG7701 | --- | GRS | 20,00 | 47,00 | 7,00 | MVQ | LI | AG7933 | --- | BRG | 30,00 | 55,00 | 7,00 | NBR | LI |
| AG7702 | --- | GRS | 25,00 | 52,00 | 7,00 | MVQ | LI | AG7935 | 02324 | BRG | 45,00 | 65,00 | 8,00 | NBR | LI |
| AG7703 | --- | GRS | 35,00 | 72,00 | 7,00 | MVQ | LI | AG7951 | --- | BRF | 10,00 | 25,40 | 6,40 | FPM | LI |
| AG7704 | --- | GRS | 40,00 | 90,00 | 7,00 | MVQ | LI | AG7955 | --- | BRF | 10,00 | 27,00 | 6,40 | FPM | LI |
| AG7705 | --- | BR | 25,00 | 35,00 | 7,00 | MVQ | LI | AG7967 | --- | GR | 15,00 | 23,00 | 3,00 | NBR | LI |
| AG7706 | --- | GR | 17,00 | 35,00 | 5,00 | NBR | LI | AG7985 | --- | GR | 15,00 | 35,00 | 7,00 | NBR | LI |
| AG7707 | --- | BRGG | 35,00 | 72,00 | 10,00 | NBR | LI | AG7986 | --- | GR | 17,00 | 40,00 | 7,00 | NBR | LI |
| AG7711 | --- | BRG | 30,00 | 62,00 | 10,00 | NBR | LI | AG7987 | --- | GR | 20,00 | 47,00 | 7,00 | NBR | LI |
| AG7716 | --- | AGFW | 42,00 | 72,00 | 9,00 | FELTRO | LI | AG7988 | --- | GR | 25,00 | 52,00 | 7,00 | NBR | LI |
| AG7718 | --- | GRS | 80,00 | 100,00 | 10,00 | MVQ | LI | AG7989 | --- | GR | 30,00 | 62,00 | 7,00 | NBR | LI |
| AG7724 | --- | AGD | 20,00 | 46,50 | 6,50 | FPM | LI | AG7990 | --- | GR | 35,00 | 72,00 | 7,00 | NBR | LI |
| AG7726 | --- | GRS | 45,00 | 55,00 | 4,00 | MVQ | LI | AG8018 | --- | GAE | 75,00 | 83,00 | 7,0/9,7 | NBR | LI |
| AG7730 | --- | BRGF | 55,00 | 90,00 | 10,00 | FPM | LI | AG8028 | --- | BRGES | 44,45 | 63,50 | 9,50 | FPM | LI |
| AG7736 | 01422 | BRF | 50,00 | 65,00 | 8,00 | FPM | LI | AG8031 | --- | BR | 45,00 | 62,00 | 7,00 | NBR | LI |
| AG7737 | --- | BRG | 30,00 | 42,00 | 7,00 | NBR | LI | AG8032 | 00615 | BRG | 36,00 | 56,00 | 10,00 | NBR | LI |



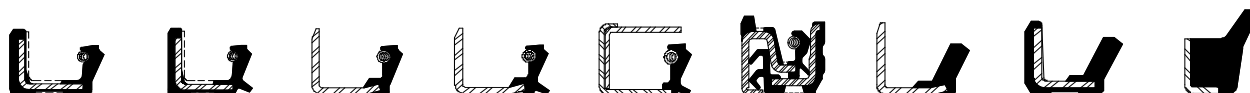
REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|--------|-----|-------|--------|--------|-----------|------|-----|--------|-------|--------|--------|--------|-----------|------|-----|
| AG8040 | --- | BRGE2 | 48,00 | 65,00 | 10,0/15,0 | FPM | LI | AG8325 | --- | AGGK | 19,05 | 31,75 | 7,94 | PTFE | LI |
| AG8041 | --- | BRGE2 | 44,00 | 60,00 | 9,0/14,0 | FPM | LI | AG8326 | --- | AGFX | 19,00 | 35,00 | 2,3/7,0 | NBR | LI |
| AG8045 | --- | GA | 41,28 | 53,98 | 7,94 | PU | LI | AG8340 | --- | BRGF | 70,00 | 90,00 | 10,00 | FPM | LI |
| AG8060 | --- | GRF | 50,00 | 62,00 | 7,00 | FPM | LI | AG8381 | --- | GAG | 50,00 | 64,00 | 8,0/13,0 | PU | LI |
| AG8090 | --- | BAG | 55,00 | 80,00 | 10,00 | FPM | LI | AG8392 | --- | GA | 84,00 | 95,00 | 4,00 | PU | LI |
| AG8093 | --- | GAE | 110,00 | 126,00 | 9,0/12,0 | PU | LI | AG8406 | --- | GGGX-1 | 38,00 | 59,00 | 8,0/10,0 | NBR | LI |
| AG8131 | --- | BR | 17,00 | 40,00 | 7,00 | NBR | LI | AG8407 | --- | BR | 17,00 | 40,00 | 7,00 | MVQ | LI |
| AG8140 | --- | BRGF | 36,00 | 44,10 | 5,00 | FPM | LI | AG8408 | --- | BRG | 25,00 | 52,00 | 8,00 | MVQ | LI |
| AG8153 | --- | GA | 12,70 | 25,40 | 6,35 | PU | LI | AG8431 | --- | GAG | 40,00 | 54,00 | 8,0/13,0 | PU | LI |
| AG8178 | --- | BBR | 40,00 | 58,00 | 8,00 | NBR | LI | AG8449 | --- | GR | 17,00 | 25,00 | 3,00 | HNBR | LI |
| AG8182 | --- | BR | 40,00 | 56,00 | 8,00 | HNBR | LI | AG8455 | --- | AGFB | 28,00 | 44,00 | 6,00 | NBR | LI |
| AG8183 | --- | GR | 35,00 | 72,00 | 7,00 | HNBR | LI | AG8461 | --- | GR | 40,00 | 50,00 | 4,00 | HNBR | LI |
| AG8185 | --- | BRG | 60,00 | 80,00 | 10,00 | NBR | LI | AG8467 | --- | BR | 30,00 | 37,00 | 4,00 | HNBR | LI |
| AG8192 | --- | BRF | 140,00 | 170,00 | 15,00 | FPM | LI | AG8468 | --- | BRG | 25,00 | 52,00 | 8,00 | HNBR | LI |
| AG8207 | --- | AGJJ | 25,00 | 40,00 | 15,00 | FPM | LI | AG8469 | --- | GRS | 15,00 | 23,00 | 3,00 | MVQ | LI |
| AG8210 | --- | BR | 35,00 | 45,00 | 7,00 | HNBR | LI | AG8470 | --- | GA | 60,00 | 75,00 | 4,00 | PU | LI |
| AG8217 | --- | BR | 35,00 | 48,00 | 5,50 | NBR | LI | AG8477 | --- | BR | 35,00 | 72,00 | 7,00 | NBR | LI |
| AG8218 | --- | GR | 60,00 | 72,00 | 6,00 | HNBR | LI | AG8548 | --- | BAGF | 44,45 | 63,50 | 12,70 | FPM | BI |
| AG8219 | --- | BR | 60,00 | 75,00 | 8,00 | HNBR | LI | AX0014 | --- | BRG | 27,00 | 42,00 | 10,00 | NBR | LI |
| AG8226 | --- | BRGF | 60,00 | 85,00 | 8,00 | FPM | LI | AX0015 | --- | BRG | 63,60 | 85,60 | 17,50 | NBR | LI |
| AG8240 | --- | BRG | 40,00 | 80,10 | 10,00 | NBR | LI | AX0016 | --- | AGBB1 | 150,00 | 178,00 | 13,0/16,0 | NBR | LI |
| AG8241 | --- | BAG | 60,30 | 79,40 | 12,00 | NBR | LI | AX0018 | --- | AGBB1 | 53,20 | 78,00 | 13,0/14,0 | NBR | LI |
| AG8243 | --- | GAE | 38,00 | 48,00 | 7,0/10,0 | PU | LI | AX0036 | 02879 | BAG | 41,30 | 54,00 | 6,50 | NBR | BI |
| AG8254 | --- | BR | 15,00 | 35,00 | 7,00 | HNBR | LI | AX0037 | --- | AGK1 | 49,95 | 69,00 | 11,00 | PU | LI |
| AG8255 | --- | BRG | 15,00 | 35,00 | 7,00 | NBR | LI | AX0040 | --- | BRGF | 26,00 | 42,00 | 8,00 | FPM | LI |
| AG8255 | --- | BRG | 15,00 | 35,00 | 7,00 | NBR | LI | AX0041 | 00853 | BR | 17,00 | 35,00 | 7,00 | NBR | LI |
| AG8256 | --- | GR | 30,00 | 37,00 | 4,00 | HNBR | LI | AX0042 | --- | BR | 42,00 | 56,00 | 7,00 | NBR | LI |
| AG8257 | --- | BR | 55,00 | 70,00 | 8,00 | HNBR | LI | AX0043 | --- | BRG | 40,00 | 60,00 | 10,00 | HNBR | LI |
| AG8258 | --- | BR | 45,00 | 62,00 | 7,00 | HNBR | LI | AX0075 | --- | GAG | 100,00 | 110,00 | 7,0/10,0 | PU | LI |
| AG8259 | --- | BR | 35,00 | 72,00 | 7,00 | MVQ | LI | AX0076 | --- | AGBB1 | 130,00 | 160,00 | 14,5/16,0 | NBR | LI |
| AG8266 | --- | BR | 45,00 | 62,00 | 7,00 | MVQ | LI | AX0091 | --- | GA | 80,00 | 90,00 | 4,50 | PU | LI |
| AG8267 | --- | BR | 20,00 | 47,00 | 7,00 | NBR | LI | AX0092 | --- | GA | 65,00 | 85,00 | 5,00 | PU | LI |
| AG8281 | --- | GAGE | 25,00 | 36,50 | 6,0/8,0 | NBR | LI | AX0112 | --- | GA | 60,00 | 73,00 | 8,00 | PU | LI |
| AG8291 | --- | GA | 25,00 | 35,00 | 4,80 | PU | LI | AX0117 | --- | BRGE2 | 52,00 | 70,50 | 8,5/13,0 | FPM | H |
| AG8293 | --- | GA | 28,00 | 35,00 | 4,00 | NBR | LI | AX0118 | --- | GA1 | 63,50 | 88,90 | 6,35 | PU | LI |
| AG8296 | --- | GA | 18,00 | 25,00 | 6,00 | NBR | LI | AX0119 | --- | GA1 | 76,20 | 88,90 | 7,94 | PU | LI |
| AG8307 | --- | BRGF | 36,60 | 50,80 | 8,00 | NBR | LI | AX0120 | --- | GA1 | 64,50 | 85,00 | 7,00 | PU | LI |
| AG8308 | --- | BRF | 72,00 | 90,00 | 10,00 | FPM | LI | AX0121 | --- | GA1 | 89,50 | 110,00 | 7,00 | PU | LI |
| AG8315 | --- | BR | 30,00 | 37,00 | 4,00 | MVQ | LI | AX0122 | --- | GA1 | 69,50 | 90,00 | 7,00 | PU | LI |
| AG8322 | --- | AGFX1 | 22,00 | 32,00 | 5,0/8,0 | FPM | LI | AX0123 | --- | GA1 | 59,50 | 80,00 | 7,00 | PU | LI |



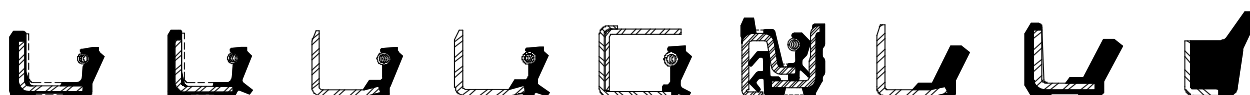
REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|--------|-------|------|--------|--------|-----------|--------|-----|--------|---------|------|--------|--------|----------|------|-----|
| AX0149 | --- | GA | 69,85 | 88,90 | 6,35 | NBR | LI | CX6091 | 01847 | GR | 50,00 | 68,00 | 8,50 | NBR | LI |
| AX0165 | --- | AGGP | 46,00 | 65,00 | 21,00 | NBR/PU | LI | CX6092 | 00QUEAI | BAO | 17,00 | 28,00 | 6,00 | NBR | LI |
| AX0171 | --- | AGGH | 45,00 | 62,00 | 19,00 | NBR/PU | LI | CX6103 | --- | BRG | 50,00 | 72,00 | 8,00 | NBR | LI |
| AX0174 | --- | BRG | 20,00 | 38,00 | 15,00 | NBR | LI | CX6104 | 02987 | GR | 32,00 | 45,00 | 7,00 | NBR | LI |
| AX0181 | --- | AGK1 | 55,00 | 73,03 | 11,00 | PU | LI | CX6984 | --- | GA | 56,00 | 72,00 | 6,50 | PU | LI |
| AX0194 | --- | BRG | 79,00 | 110,00 | 10,00 | NBR | LI | CX6998 | --- | BRG | 28,00 | 40,00 | 7,00 | NBR | LI |
| AX0197 | --- | BRGF | 42,00 | 62,00 | 8,00 | FPM | LI | CX7157 | --- | GRE1 | 18,00 | 32,30 | 6,80 | NBR | LI |
| AX0213 | --- | BRG | 47,00 | 65,00 | 10,00 | NBR | LI | CX7839 | --- | BRG | 19,00 | 29,20 | 7,00 | NBR | LI |
| AX0220 | --- | AGBB | 140,00 | 170,00 | 14,5/16,0 | NBR | LI | CX7866 | --- | GA | 32,00 | 42,00 | 6,00 | NBR | LI |
| AX0223 | --- | BRG | 65,00 | 85,00 | 13,00 | NBR | LI | CX7876 | --- | BRAG | 28,00 | 38,30 | 7,50 | HNBR | LI |
| AX0224 | 00521 | BR | 42,00 | 62,10 | 10,00 | NBR | LI | CX7877 | --- | BRG1 | 18,75 | 30,00 | 5,30/7,3 | HNBR | LI |
| AX0225 | 01081 | BR | 42,00 | 72,00 | 12,00 | NBR | LI | CX8228 | --- | BRGF | 25,00 | 35,00 | 6,00 | FPM | LI |
| AX0228 | 01148 | BR | 79,40 | 114,30 | 12,70 | NBR | LI | CX8536 | --- | BRG | 25,00 | 35,40 | 6,50 | NBR | LI |
| AX0229 | 00045 | B | 95,00 | 125,00 | 13,00 | NBR | LI | CX8552 | --- | GR | 55,00 | 73,00 | 8,50 | NBR | LI |
| AX0230 | --- | BRAG | 35,00 | 65,00 | 8,00 | NBR | LI | CX8585 | --- | GA | 44,45 | 57,15 | 3,20 | NBR | LI |
| AX0231 | --- | AGGP | 45,00 | 65,00 | 25,00 | NBR/PU | LI | CX8589 | --- | GA | 27,00 | 32,00 | 3,20 | NBR | LI |
| AX0232 | 01742 | BR | 35,00 | 52,10 | 10,00 | NBR | LI | CX8590 | --- | BA | 26,50 | 34,80 | 4,80 | NBR | LI |
| AX0236 | 02699 | BRG | 32,00 | 52,00 | 7,00 | NBR | LI | CX8596 | --- | BR | 27,00 | 34,80 | 4,60 | NBR | LI |
| AX0237 | --- | GGGX | 88,90 | 125,00 | 8,00 | NBR | LI | CX9096 | 01554 | BRG | 22,00 | 32,00 | 7,00 | NBR | LI |
| AX0240 | 00092 | BGE | 47,60 | 70,65 | 14,5/16,5 | NBR | LI | CX9106 | 02046 | BRG | 25,00 | 47,00 | 10,00 | NBR | LI |
| AX0246 | --- | BRG | 30,00 | 62,00 | 7,00 | NBR | LI | CX9114 | --- | BR | 25,00 | 34,00 | 7,00 | NBR | LI |
| CX1256 | 02517 | BRXE | 55,00 | 70,00 | 12,00 | NBR | LI | CX9115 | --- | BRG | 20,00 | 42,50 | 7,00 | NBR | LI |
| CX1258 | --- | BRXE | 50,00 | 65,10 | 10,00 | NBR | LI | CX9122 | --- | AGFF | 20,00 | 44,50 | 3,50 | NBR | LI |
| CX5899 | --- | BRG | 20,00 | 30,00 | 7,00 | NBR | LI | CX9123 | --- | BRG | 17,00 | 30,00 | 7,00 | NBR | AH |
| CX5918 | --- | BR | 31,74 | 42,80 | 7,90 | NBR | LI | CX9127 | --- | AGGX | 20,00 | 35,00 | 5,00 | NBR | LI |
| CX5927 | --- | BR | 24,00 | 33,00 | 7,00 | NBR | LI | CX9147 | --- | BA | 20,00 | 36,00 | 6,50 | NBR | H |
| CX5928 | --- | GR | 23,00 | 29,80 | 4,00 | NBR | LI | CX9156 | 02433 | BRG | 20,00 | 39,70 | 6,50 | NBR | LI |
| CX6031 | 01759 | GR | 40,00 | 56,00 | 8,50 | NBR | LI | CX9164 | --- | BR | 28,00 | 37,00 | 5,00 | NBR | LI |
| CX6032 | 00496 | BRG | 18,00 | 30,00 | 7,00 | NBR | LI | CX9182 | --- | BRG | 20,00 | 32,00 | 6,00 | NBR | LI |
| CX6043 | 01886 | GR | 28,00 | 38,00 | 7,00 | NBR | LI | CX9183 | 00343 | BR | 31,70 | 44,50 | 8,00 | NBR | LI |
| CX6044 | --- | BRG | 28,00 | 40,00 | 6,00 | NBR | LI | CX9184 | --- | BRG | 31,75 | 44,45 | 10,00 | NBR | LI |
| CX6055 | --- | BROF | 20,00 | 30,00 | 8,00 | FPM | LI | CX9190 | 00572 | BRG | 22,30 | 34,95 | 6,40 | NBR | LI |
| CX6056 | 01760 | GR | 45,00 | 62,00 | 8,00 | NBR | LI | CX9201 | --- | BRG | 20,00 | 35,50 | 6,00 | NBR | LI |
| CX6067 | --- | BROF | 20,00 | 40,00 | 8,00 | FPM | LI | CX9208 | --- | BRG | 26,00 | 38,10 | 5,70 | NBR | LI |
| CX6068 | 01045 | BRG | 26,00 | 37,00 | 7,00 | NBR | LI | CX9230 | 02233 | BRG | 25,00 | 40,00 | 8,00 | NBR | LI |
| CX6069 | 02984 | BRG | 32,00 | 45,00 | 7,00 | NBR | LI | CX9237 | --- | BRGF | 19,00 | 32,00 | 7,00 | FPM | LI |
| CX6072 | --- | BRO | 20,00 | 35,00 | 8,00 | NBR | LI | CX9354 | --- | BR | 22,00 | 31,00 | 6,50 | NBR | LI |
| CX6075 | --- | BRG | 40,00 | 56,00 | 10,00 | NBR | LI | CX9358 | --- | BRG | 18,70 | 35,00 | 7,00 | NBR | LI |
| CX6079 | --- | BRG | 20,00 | 42,00 | 7,00 | NBR | LI | CX9361 | --- | BR | 25,00 | 34,00 | 5,00 | NBR | LI |
| CX6080 | 02745 | BRG | 45,00 | 60,00 | 7,00 | NBR | LI | CX9362 | --- | BRG1 | 20,00 | 41,30 | 6,5/9,0 | NBR | LI |



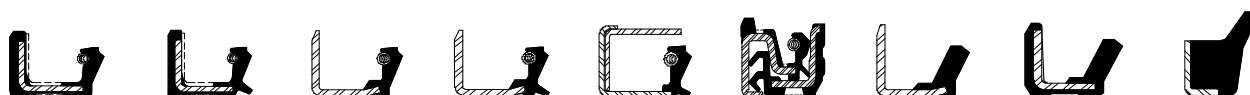
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| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|---------|-------|-------|--------|--------|---------|-----|-----|---------|-------|------|--------|--------|---------|-----|-----|
| CX9366 | --- | BRG | 21,00 | 35,50 | 6,00 | NBR | LI | TCS0018 | --- | BRGF | 16,00 | 26,00 | 5,00 | FPM | LI |
| CX9370 | --- | BR | 28,50 | 37,60 | 5,20 | NBR | LI | TCS0019 | --- | BRG | 18,75 | 37,50 | 5,50 | NBR | LI |
| CX9391 | --- | GR | 32,50 | 44,85 | 3,70 | NBR | LI | TCS0020 | --- | BRG | 22,22 | 31,75 | 6,00 | NBR | LI |
| CX9393 | --- | BRG | 25,00 | 38,10 | 7,00 | NBR | LI | TCS0021 | --- | BRGF | 16,90 | 27,90 | 5,00 | FPM | LI |
| CX9394 | --- | BRG | 19,00 | 32,00 | 7,00 | NBR | LI | TCS0022 | --- | BRG | 20,00 | 41,30 | 6,50 | NBR | LI |
| CX9397 | --- | BRG | 20,00 | 30,00 | 5,00 | NBR | LI | TCS0023 | --- | BR | 27,75 | 37,30 | 6,50 | NBR | LI |
| CX9398 | 01695 | BRG | 30,00 | 47,00 | 6,00 | NBR | LI | TCS0024 | --- | BR | 27,00 | 38,00 | 5,50 | NBR | LI |
| CX9399 | 01727 | BRG | 22,00 | 32,00 | 5,00 | NBR | LI | TCS0028 | 00007 | B | 98,50 | 144,45 | 19,00 | NBR | LI |
| CX9403 | --- | BRG | 19,00 | 32,00 | 6,00 | NBR | LI | TCS0029 | --- | BR | 35,00 | 60,25 | 12,70 | NBR | LI |
| CX9404 | --- | BRG | 36,00 | 44,10 | 5,00 | NBR | LI | TCS0030 | --- | BA | 100,00 | 130,00 | 13,00 | NBR | LI |
| CX9405 | --- | BRG | 24,00 | 33,00 | 5,00 | NBR | LI | TCS0031 | --- | BAG | 51,94 | 72,00 | 12,00 | NBR | LI |
| CX9406 | --- | GR | 32,00 | 46,00 | 6,00 | NBR | LI | TCS0032 | 00049 | BAG | 38,10 | 60,33 | 12,70 | NBR | LI |
| CX9407 | --- | BROF | 25,00 | 40,00 | 8,00 | FPM | LI | TCS0033 | 02110 | BRG | 45,00 | 62,00 | 9,00 | NBR | LI |
| CX9409 | 01214 | BR | 24,00 | 37,00 | 7,00 | NBR | LI | TCS0034 | 00081 | B | 69,90 | 98,45 | 12,70 | NBR | LI |
| CX9416 | --- | BR | 34,00 | 46,00 | 7,00 | NBR | LI | TCS0035 | --- | B | 81,30 | 120,80 | 14,30 | NBR | LI |
| CX9419 | --- | BRG | 19,05 | 34,60 | 4,40 | NBR | LI | TCS0036 | 00161 | BRG | 48,00 | 72,00 | 10,00 | NBR | LI |
| CX9431 | --- | BROF | 20,00 | 35,00 | 8,00 | FPM | LI | TCS0037 | 00164 | BR | 65,00 | 90,00 | 13,00 | NBR | LI |
| CX9444 | --- | AGGB | 28,60 | 43,00 | 7,00 | NBR | LI | TCS0038 | 00222 | BAG | 44,70 | 61,20 | 9,50 | NBR | LI |
| CX9446 | --- | AGGE | 28,00 | 47,00 | 4,2/5,0 | NBR | LI | TCS0039 | 00268 | BR | 190,00 | 220,00 | 14,80 | NBR | LI |
| CX9504 | --- | AGFB | 28,50 | 43,00 | 6,50 | NBR | LI | TCS0040 | --- | BAG | 75,00 | 100,00 | 12,00 | NBR | LI |
| CX9508 | 01916 | BAGP | 17,00 | 34,00 | 7,00 | ACM | LI | TCS0041 | 00269 | BR | 75,00 | 100,00 | 12,00 | NBR | LI |
| CX9563 | --- | AGGV | 19,00 | 34,90 | 4,0/6,0 | NBR | LI | TCS0042 | 00274 | BG | 50,80 | 81,00 | 11,90 | NBR | LI |
| CX9751 | --- | BRAGG | 35,00 | 47,00 | 8,00 | NBR | LI | TCS0043 | --- | BRG | 20,00 | 38,00 | 7,00 | NBR | LI |
| CX9755 | --- | BAG | 18,00 | 31,70 | 6,30 | NBR | H | TCS0044 | 00334 | BAG | 60,30 | 92,00 | 12,00 | NBR | LI |
| CX9807 | --- | AGFB | 24,00 | 38,00 | 7,00 | NBR | LI | TCS0045 | 00357 | BA | 76,20 | 101,65 | 12,70 | NBR | LI |
| CX9808 | --- | GR | 32,00 | 42,00 | 5,00 | NBR | LI | TCS0046 | 00378 | B | 63,50 | 89,90 | 12,00 | NBR | LI |
| CX9829 | --- | BRG | 19,00 | 28,80 | 5,00 | NBR | LI | TCS0047 | 00420 | BR | 125,00 | 150,35 | 13,00 | NBR | LI |
| CX9861 | --- | BRG | 19,00 | 30,00 | 5,60 | NBR | LI | TCS0048 | 00463 | BR | 25,00 | 52,00 | 10,00 | NBR | LI |
| CX9936 | --- | BRG | 25,00 | 38,00 | 7,00 | NBR | LI | TCS0049 | 00485 | BA | 35,00 | 47,00 | 7,00 | NBR | LI |
| TCS0001 | --- | BAF | 17,00 | 36,00 | 6,60 | FPM | LI | TCS0050 | 00500 | BAG | 68,00 | 90,00 | 13,00 | NBR | LI |
| TCS0002 | --- | BRG | 18,00 | 30,00 | 5,00 | NBR | LI | TCS0051 | 00506 | BR | 25,00 | 43,00 | 10,00 | NBR | LI |
| TCS0003 | --- | BRO | 17,00 | 32,00 | 8,00 | NBR | LI | TCS0053 | 00509 | BR | 45,00 | 72,00 | 12,00 | NBR | LI |
| TCS0004 | --- | BAG | 15,00 | 28,00 | 6,30 | NBR | LI | TCS0054 | 00520 | BR | 35,00 | 47,05 | 10,00 | NBR | LI |
| TCS0005 | --- | BR | 23,00 | 34,00 | 6,30 | NBR | LI | TCS0055 | 00674 | B | 47,70 | 72,95 | 12,00 | NBR | LI |
| TCS0006 | --- | BR | 26,00 | 38,00 | 6,50 | NBR | LI | TCS0056 | 00694 | B | 35,00 | 53,90 | 9,50 | NBR | LI |
| TCS0013 | 00604 | BR | 43,00 | 62,00 | 10,00 | NBR | LI | TCS0059 | 00788 | BAG | 25,00 | 35,00 | 10,00 | NBR | LI |
| TCS0014 | --- | BR | 33,00 | 43,00 | 6,50 | NBR | LI | TCS0060 | 00796 | BR | 16,00 | 32,00 | 7,00 | NBR | LI |
| TCS0015 | --- | BRG | 19,00 | 38,00 | 7,00 | NBR | LI | TCS0061 | 00797 | BR | 36,00 | 54,00 | 7,00 | NBR | LI |
| TCS0016 | --- | BRG | 19,00 | 29,00 | 7,00 | NBR | LI | TCS0062 | --- | BR | 35,00 | 62,00 | 9,50 | NBR | LI |
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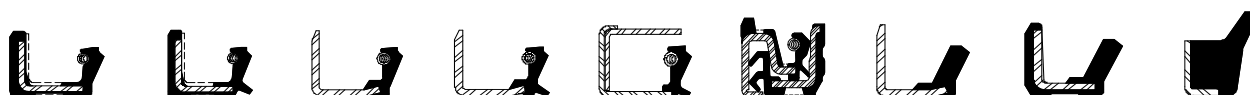
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| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|---------|-------|------|--------|--------|----------|-----|-----|---------|-------|-------|--------|--------|---------|-----|-----|
| TCS0068 | 00925 | BA | 25,00 | 42,00 | 8,00 | NBR | LI | TCS0112 | 01912 | BRG | 85,70 | 114,20 | 11,20 | NBR | LI |
| TCS0069 | 00932 | BR | 28,60 | 39,75 | 7,00 | NBR | LI | TCS0115 | 01980 | BR | 35,00 | 55,00 | 8,00 | NBR | LI |
| TCS0071 | 00949 | BR | 30,00 | 52,00 | 10,00 | NBR | LI | TCS0116 | 02004 | BAGP | 64,00 | 80,00 | 8,00 | ACM | LI |
| TCS0072 | 00952 | BR | 30,00 | 52,00 | 8,00 | NBR | LI | TCS0117 | 02049 | BG | 100,00 | 120,00 | 13,00 | NBR | LI |
| TCS0073 | 00977 | BR | 60,00 | 82,00 | 12,00 | NBR | LI | TCS0118 | 02063 | BAG | 31,70 | 50,80 | 11,10 | NBR | LI |
| TCS0074 | 01004 | BAG | 35,50 | 58,20 | 12,00 | NBR | LI | TCS0119 | 02068 | BRGP | 40,00 | 52,00 | 8,00 | ACM | LI |
| TCS0075 | 01038 | B | 45,00 | 85,00 | 13,00 | NBR | LI | TCS0120 | --- | BRG | 40,00 | 52,00 | 8,00 | NBR | LI |
| TCS0076 | 01043 | B | 95,00 | 130,00 | 13,00 | NBR | LI | TCS0121 | 02069 | BRGS | 130,00 | 160,00 | 14,00 | MVQ | LI |
| TCS0077 | 01049 | BRG1 | 46,00 | 76,20 | 9,5/12,7 | NBR | LI | TCS0122 | --- | BA | 20,00 | 38,00 | 6,50 | NBR | LI |
| TCS0078 | 01100 | BAG | 41,10 | 65,40 | 13,00 | NBR | LI | TCS0123 | 02100 | BAG | 58,00 | 75,00 | 12,00 | NBR | LI |
| TCS0079 | 01119 | BAG | 44,20 | 71,45 | 14,80 | NBR | LI | TCS0124 | 02102 | BA | 34,90 | 50,85 | 8,30 | NBR | LI |
| TCS0080 | 01151 | BRG | 26,00 | 42,00 | 10,00 | NBR | LI | TCS0125 | 02127 | BGP | 76,20 | 101,65 | 11,00 | ACM | LI |
| TCS0081 | 01180 | BR | 55,00 | 85,00 | 13,00 | NBR | LI | TCS0126 | 02139 | BRG | 48,00 | 72,00 | 7,00 | NBR | LI |
| TCS0082 | --- | BAG | 45,00 | 68,00 | 12,00 | NBR | LI | TCS0127 | 02163 | BRG | 8,00 | 18,00 | 5,00 | NBR | LI |
| TCS0083 | 01266 | BAG | 40,00 | 65,00 | 12,00 | NBR | LI | TCS0128 | 02184 | BAGP | 32,00 | 65,00 | 13,00 | ACM | LI |
| TCS0085 | 01370 | BA | 32,00 | 44,00 | 9,00 | NBR | LI | TCS0129 | --- | BAG | 32,00 | 65,00 | 13,00 | NBR | LI |
| TCS0086 | 01395 | B | 34,90 | 52,30 | 9,50 | NBR | LI | TCS0130 | --- | BAG | 60,30 | 79,40 | 12,00 | NBR | LI |
| TCS0087 | 01397 | BA | 25,00 | 45,00 | 7,00 | NBR | LI | TCS0131 | 02209 | BAGE2 | 47,60 | 80,00 | 13,00 | NBR | BI |
| TCS0088 | 01424 | BR | 150,00 | 180,00 | 15,00 | NBR | LI | TCS0132 | 02211 | BAG | 63,50 | 83,80 | 9,00 | NBR | LI |
| TCS0089 | 01445 | BA | 12,00 | 32,00 | 7,00 | NBR | LI | TCS0133 | 02216 | GAG | 17,80 | 32,15 | 5,5/8,5 | NBR | LI |
| TCS0090 | 01492 | BR | 17,00 | 40,00 | 8,50 | NBR | LI | TCS0134 | 02283 | BRGF | 85,00 | 105,00 | 12,00 | FPM | LI |
| TCS0091 | 01505 | BR | 42,00 | 65,00 | 10,00 | NBR | LI | TCS0135 | 02308 | BRG | 14,00 | 28,00 | 7,00 | NBR | LI |
| TCS0092 | 01509 | BR | 34,00 | 52,00 | 7,50 | NBR | LI | TCS0136 | 02309 | BRP | 15,00 | 25,00 | 7,00 | ACM | LI |
| TCS0094 | 01539 | GA | 28,60 | 34,90 | 3,20 | NBR | LI | TCS0137 | 02310 | BRG | 16,00 | 28,00 | 7,00 | NBR | LI |
| TCS0095 | 01667 | BR | 30,00 | 42,00 | 8,00 | NBR | LI | TCS0138 | 02312 | BRG | 27,00 | 39,00 | 10,50 | NBR | LI |
| TCS0096 | 01669 | BR | 55,00 | 100,20 | 12,70 | NBR | LI | TCS0139 | --- | BR | 44,00 | 60,00 | 7,00 | NBR | LI |
| TCS0097 | 01677 | BR | 15,00 | 30,00 | 7,00 | NBR | LI | TCS0140 | 02415 | BAG | 55,40 | 76,15 | 12,70 | NBR | LI |
| TCS0098 | 01735 | BG | 125,00 | 150,00 | 15,00 | NBR | LI | TCS0141 | 02418 | BRP | 21,50 | 40,00 | 7,00 | ACM | LI |
| TCS0100 | 01764 | BAGG | 46,00 | 65,50 | 7,00 | NBR | LI | TCS0142 | 02418 | BR | 21,50 | 40,00 | 7,00 | NBR | LI |
| TCS0101 | 01784 | BRO | 17,00 | 28,00 | 8,00 | NBR | LI | TCS0143 | 02485 | BY | 98,40 | 144,54 | 16,00 | NBR | LI |
| TCS0102 | 01798 | BAG | 58,00 | 85,00 | 13,00 | NBR | LI | TCS0144 | 02486 | BR | 20,00 | 34,00 | 7,00 | NBR | LI |
| TCS0103 | 01801 | B | 100,00 | 123,80 | 13,00 | NBR | LI | TCS0145 | 02486 | BRS | 20,00 | 35,00 | 7,00 | MVQ | LI |
| TCS0104 | 01814 | BRG | 36,00 | 60,00 | 9,50 | NBR | LI | TCS0146 | --- | BA | 38,10 | 47,60 | 6,50 | NBR | LI |
| TCS0105 | 01829 | B | 90,00 | 112,70 | 13,00 | NBR | LI | TCS0147 | 02506 | BR | 38,00 | 52,25 | 7,00 | NBR | LI |
| TCS0106 | --- | BAG | 33,00 | 52,00 | 12,00 | NBR | LI | TCS0148 | 02531 | BR | 75,00 | 95,00 | 10,00 | NBR | LI |
| TCS0107 | 01879 | BRG | 70,00 | 95,00 | 13,00 | NBR | LI | TCS0149 | 02535 | BRG | 12,00 | 22,00 | 5,00 | NBR | LI |
| TCS0108 | 01880 | BAG | 69,80 | 98,45 | 11,80 | NBR | LI | TCS0150 | 02556 | BAGF | 68,00 | 85,00 | 10,00 | FPM | LI |
| TCS0109 | 01884 | BRAG | 120,00 | 144,95 | 15,00 | NBR | LI | TCS0151 | 02571 | BRG | 17,00 | 25,00 | 4,00 | NBR | LI |
| TCS0110 | 01907 | BR | 15,00 | 32,00 | 7,00 | NBR | LI | TCS0152 | --- | BAG | 44,40 | 63,50 | 12,70 | NBR | LI |
| TCS0111 | --- | BR | 19,00 | 29,00 | 6,50 | NBR | LI | TCS0153 | --- | BRG | 25,00 | 52,00 | 7,00 | NBR | LI |



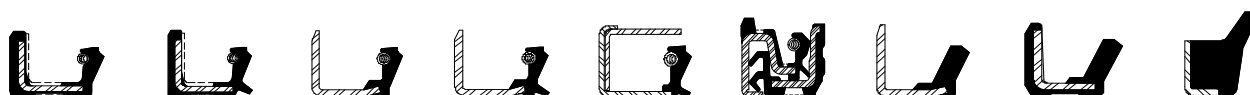
REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|---------|-------|------|--------|--------|---------|------|-----|---------|-------|------|--------|--------|---------|-----|-----|
| TCS0154 | 02713 | AGBF | 121,10 | 160,20 | 35,00 | NBR | LI | TCS0194 | --- | BRG | 12,00 | 22,00 | 7,00 | NBR | LI |
| TCS0155 | 02753 | BRG | 75,00 | 95,00 | 13,00 | NBR | LI | TCS0195 | --- | GR | 12,00 | 24,00 | 4,00 | NBR | LI |
| TCS0156 | 02972 | BAG | 40,00 | 55,00 | 8,00 | NBR | LI | TCS0196 | --- | BR | 12,00 | 24,00 | 4,50 | NBR | LI |
| TCS0157 | 03013 | BA | 20,00 | 31,00 | 7,00 | NBR | LI | TCS0197 | --- | BRG | 12,00 | 24,00 | 7,00 | NBR | LI |
| TCS0158 | --- | BAG | 41,10 | 50,70 | 6,35 | NBR | LI | TCS0198 | --- | BRG | 12,00 | 25,00 | 5,00 | NBR | LI |
| TCS0159 | --- | BRGG | 30,00 | 64,40 | 17,00 | NBR | LI | TCS0199 | --- | BR | 12,00 | 25,00 | 7,00 | NBR | LI |
| TCS0160 | 05126 | BRGF | 59,93 | 76,20 | 11,10 | FPM | LI | TCS0200 | --- | BRG | 12,00 | 25,00 | 7,00 | NBR | LI |
| TCS0161 | 07322 | BRA | 100,00 | 125,00 | 12,00 | NBR | LI | TCS0201 | --- | BRGF | 12,00 | 25,00 | 7,00 | FPM | LI |
| TCS0162 | --- | GR | 5,00 | 9,00 | 2,00 | NBR | LI | TCS0202 | --- | BR | 12,00 | 28,00 | 7,00 | NBR | LI |
| TCS0163 | --- | BR | 5,00 | 19,00 | 5,00 | NBR | LI | TCS0204 | --- | BRG | 12,00 | 30,00 | 8,00 | NBR | LI |
| TCS0164 | 02515 | GR | 6,00 | 10,00 | 2,00 | NBR | LI | TCS0205 | --- | GR | 12,00 | 32,00 | 3,00 | NBR | LI |
| TCS0165 | --- | GRP | 6,00 | 11,00 | 4,00 | ACM | LI | TCS0206 | --- | BR | 12,00 | 37,00 | 7,00 | NBR | LI |
| TCS0166 | --- | BRG | 6,00 | 12,00 | 5,00 | NBR | LI | TCS0207 | --- | BR | 12,00 | 40,00 | 7,00 | NBR | LI |
| TCS0167 | --- | BRG | 6,00 | 16,00 | 7,00 | NBR | LI | TCS0208 | --- | BA | 12,65 | 20,35 | 6,00 | NBR | LI |
| TCS0168 | 02306 | BRG | 6,60 | 14,50 | 7,00 | NBR | LI | TCS0209 | --- | GR | 12,70 | 20,40 | 4,50 | NBR | LI |
| TCS0169 | --- | GR | 6,53 | 11,00 | 2,00 | NBR | LI | TCS0210 | 01966 | BAG | 12,70 | 25,40 | 6,35 | NBR | LI |
| TCS0170 | --- | GRF | 6,53 | 11,00 | 2,00 | FPM | LI | TCS0211 | --- | BR | 13,00 | 22,00 | 5,00 | NBR | LI |
| TCS0171 | --- | BRG | 7,00 | 14,00 | 4,00 | NBR | LI | TCS0212 | --- | BRGF | 13,00 | 26,00 | 7,00 | FPM | LI |
| TCS0172 | --- | BRG | 7,00 | 22,00 | 7,00 | NBR | LI | TCS0213 | --- | BRG | 13,00 | 28,00 | 7,00 | NBR | LI |
| TCS0173 | --- | GR | 7,50 | 12,10 | 12,00 | NBR | LI | TCS0214 | --- | GR | 13,50 | 30,00 | 3,00 | NBR | LI |
| TCS0174 | --- | BR | 8,00 | 22,00 | 7,00 | NBR | LI | TCS0215 | --- | BRG | 13,70 | 24,00 | 5,00 | NBR | LI |
| TCS0175 | --- | BRF | 8,00 | 22,00 | 7,00 | FPM | LI | TCS0216 | 02162 | BRG | 14,00 | 24,00 | 6,00 | NBR | LI |
| TCS0176 | --- | BR | 8,00 | 22,00 | 7,00 | HNBR | LI | TCS0217 | --- | BRGF | 14,00 | 25,00 | 5,00 | FPM | LI |
| TCS0177 | --- | BR | 8,00 | 24,00 | 7,00 | NBR | LI | TCS0218 | --- | BRG | 14,00 | 25,00 | 5,00 | NBR | LI |
| TCS0178 | --- | GR | 9,00 | 13,00 | 3,00 | NBR | LI | TCS0219 | --- | BRG | 14,00 | 26,00 | 7,00 | NBR | LI |
| TCS0179 | --- | GR | 9,00 | 16,00 | 3,00 | NBR | LI | TCS0220 | --- | BRG | 14,00 | 30,00 | 7,00 | NBR | LI |
| TCS0180 | --- | BR | 9,00 | 22,00 | 7,00 | HNBR | LI | TCS0221 | --- | BRG | 14,00 | 32,00 | 7,00 | NBR | LI |
| TCS0181 | --- | GR | 9,53 | 15,88 | 4,57 | NBR | LI | TCS0222 | --- | BR | 14,73 | 55,00 | 6,00 | NBR | LI |
| TCS0182 | --- | GR | 9,53 | 14,00 | 3,00 | NBR | LI | TCS0223 | --- | BRG | 15,00 | 24,00 | 5,00 | NBR | LI |
| TCS0183 | --- | GR | 10,00 | 14,00 | 2,50 | NBR | LI | TCS0224 | --- | BR | 15,00 | 24,00 | 6,00 | NBR | LI |
| TCS0184 | --- | GR | 10,00 | 17,00 | 3,00 | NBR | LI | TCS0225 | 01816 | BA | 15,00 | 24,00 | 7,00 | NBR | LI |
| TCS0185 | --- | GR | 10,00 | 18,00 | 5,00 | NBR | LI | TCS0226 | --- | BRG | 15,00 | 25,00 | 4,00 | NBR | LI |
| TCS0186 | --- | BRGF | 10,00 | 19,00 | 7,00 | FPM | LI | TCS0227 | --- | BR | 15,00 | 25,00 | 4,50 | NBR | LI |
| TCS0187 | --- | GR | 10,00 | 20,00 | 6,10 | NBR | LI | TCS0228 | --- | BRG | 15,00 | 25,00 | 5,00 | NBR | LI |
| TCS0188 | --- | BRG | 10,00 | 20,00 | 7,00 | NBR | LI | TCS0229 | 07518 | BRG | 15,00 | 26,00 | 7,00 | NBR | LI |
| TCS0189 | 03005 | BRGF | 10,00 | 21,00 | 5,00 | FPM | LI | TCS0230 | --- | BRG | 15,00 | 30,00 | 5,00 | NBR | LI |
| TCS0190 | --- | GR | 10,00 | 26,00 | 3,00 | NBR | LI | TCS0231 | --- | BRGF | 15,00 | 30,00 | 5,00 | FPM | LI |
| TCS0191 | --- | BRG | 11,60 | 24,00 | 10,00 | NBR | LI | TCS0232 | --- | BA | 15,00 | 30,00 | 7,00 | NBR | LI |
| TCS0192 | --- | GR | 12,00 | 19,00 | 3,00 | NBR | LI | TCS0233 | --- | BRG | 15,00 | 30,00 | 7,00 | NBR | LI |
| TCS0193 | 03255 | BR | 12,00 | 21,00 | 4,00 | NBR | LI | TCS0234 | 01907 | BRG | 15,00 | 32,00 | 7,00 | NBR | LI |



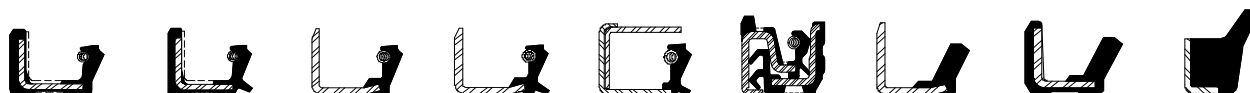
REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|---------|-------|------|--------|--------|---------|----------|-----|---------|-------|-------|--------|--------|---------|--------|-----|
| TCS0235 | 01907 | BRGF | 15,00 | 32,00 | 7,00 | FPM | LI | TCS0276 | --- | BRGF | 19,00 | 40,00 | 8,00 | FPM | LI |
| TCS0236 | --- | BRG | 15,00 | 35,00 | 5,00 | NBR | LI | TCS0277 | --- | BRG | 19,00 | 47,00 | 7,00 | NBR | LI |
| TCS0238 | --- | BRG | 30,00 | 52,00 | 6,00 | MVQ/PTFE | LI | TCS0278 | --- | GA | 19,05 | 25,40 | 3,18 | NBR | LI |
| TCS0239 | --- | BRG | 32,00 | 52,00 | 6,00 | PTFE | LI | TCS0279 | --- | BAF | 19,05 | 25,40 | 3,18 | FPM | LI |
| TCS0240 | --- | BRG | 15,00 | 42,00 | 8,00 | NBR | LI | TCS0280 | --- | BAG | 19,05 | 33,35 | 7,94 | NBR | LI |
| TCS0241 | --- | GR | 15,88 | 20,65 | 2,36 | NBR | LI | TCS0281 | --- | BRG | 19,05 | 38,10 | 7,94 | NBR | LI |
| TCS0242 | --- | BAG | 15,88 | 31,75 | 6,35 | NBR | LI | TCS0282 | --- | BRGF | 19,80 | 30,00 | 6,00 | FPM | LI |
| TCS0243 | --- | BR | 16,00 | 24,00 | 4,00 | NBR | LI | TCS0283 | 02573 | GR | 20,00 | 26,00 | 4,00 | NBR | LI |
| TCS0244 | --- | BRG | 16,00 | 30,00 | 7,00 | NBR | LI | TCS0284 | --- | BRG | 20,00 | 30,00 | 6,00 | NBR | LI |
| TCS0245 | --- | BRGF | 16,00 | 32,00 | 7,00 | FPM | LI | TCS0285 | --- | BRG | 20,00 | 30,00 | 7,00 | NBR | LI |
| TCS0246 | 00796 | BRG | 16,00 | 32,00 | 7,00 | NBR | LI | TCS0287 | --- | BRG | 20,00 | 30,00 | 8,00 | NBR | LI |
| TCS0247 | --- | BRG | 16,00 | 35,00 | 7,00 | NBR | LI | TCS0288 | --- | BRG | 20,00 | 32,00 | 5,00 | NBR | LI |
| TCS0248 | --- | BRG | 17,00 | 24,00 | 5,00 | NBR | LI | TCS0289 | --- | BRG | 30,00 | 45,00 | 7,00 | NBR | LI |
| TCS0249 | --- | BRG | 17,00 | 24,00 | 7,00 | NBR | LI | TCS0290 | --- | BRG | 20,00 | 32,00 | 7,00 | NBR | LI |
| TCS0250 | 02701 | BRG | 17,00 | 28,00 | 5,00 | NBR | LI | TCS0291 | --- | BRGF | 20,00 | 32,00 | 8,00 | FPM | LI |
| TCS0251 | 01072 | BRG | 17,00 | 28,00 | 6,00 | NBR | LI | TCS0292 | 02311 | BR | 20,00 | 34,00 | 7,00 | NBR | LI |
| TCS0252 | --- | BRG | 17,00 | 28,00 | 7,00 | NBR | LI | TCS0293 | --- | BRG | 20,00 | 35,00 | 5,00 | NBR | LI |
| TCS0253 | 00012 | BA | 44,80 | 61,40 | 12,00 | NBR | LI | TCS0294 | 01386 | BRG | 20,00 | 35,00 | 8,00 | NBR | LI |
| TCS0254 | --- | BR | 17,00 | 29,00 | 5,00 | NBR | LI | TCS0295 | --- | BRGP | 20,00 | 36,00 | 7,00 | ACM | LI |
| TCS0255 | --- | BRG | 17,00 | 29,00 | 7,00 | NBR | LI | TCS0296 | --- | BRG | 20,00 | 36,00 | 7,00 | NBR | LI |
| TCS0256 | 02425 | BRG | 17,00 | 32,00 | 7,00 | NBR | LI | TCS0297 | --- | BRG | 20,00 | 38,00 | 5,00 | NBR | LI |
| TCS0257 | --- | BRG | 17,00 | 32,00 | 8,00 | NBR | LI | TCS0298 | --- | BRG | 20,00 | 40,00 | 8,00 | NBR | LI |
| TCS0258 | 00853 | BRG | 17,00 | 35,00 | 7,00 | NBR | LI | TCS0299 | --- | BRG | 20,00 | 40,00 | 10,00 | NBR | LI |
| TCS0259 | --- | BRG | 17,00 | 36,00 | 7,00 | NBR | LI | TCS0300 | --- | BRG | 20,00 | 47,00 | 7,00 | NBR AZ | LI |
| TCS0260 | --- | BR | 17,40 | 25,00 | 4,00 | NBR | LI | TCS0301 | --- | BRG | 20,00 | 47,00 | 7,00 | NBR | LI |
| TCS0261 | --- | GR | 18,00 | 24,00 | 3,00 | NBR | LI | TCS0302 | --- | BRG | 20,00 | 47,00 | 8,00 | NBR | LI |
| TCS0262 | --- | BRG | 18,00 | 28,00 | 7,00 | NBR | LI | TCS0303 | --- | BRG | 20,00 | 52,00 | 8,00 | NBR | LI |
| TCS0263 | --- | BRG | 18,00 | 30,00 | 6,00 | NBR | LI | TCS0304 | --- | BRGF | 21,00 | 35,00 | 7,00 | FPM AZ | LI |
| TCS0264 | --- | BRG | 18,00 | 32,00 | 7,00 | NBR | LI | TCS0305 | --- | BRG | 21,50 | 35,00 | 8,00 | NBR | LI |
| TCS0265 | --- | BRGF | 18,00 | 32,00 | 7,00 | FPM | LI | TCS0306 | --- | BRAGF | 20,00 | 36,00 | 6,00 | FPM | LI |
| TCS0266 | --- | BRG | 18,00 | 35,00 | 7,00 | NBR | LI | TCS0307 | --- | GR | 22,00 | 29,00 | 4,00 | NBR | LI |
| TCS0267 | --- | BRG | 18,00 | 35,00 | 8,00 | NBR | LI | TCS0308 | --- | BA | 22,00 | 32,00 | 7,00 | NBR | LI |
| TCS0268 | --- | BRGF | 18,00 | 40,00 | 8,00 | FPM | LI | TCS0309 | --- | BRG | 22,00 | 34,00 | 7,00 | NBR | LI |
| TCS0269 | --- | BRG | 18,90 | 30,00 | 5,00 | NBR | LI | TCS0311 | 01112 | BRG | 22,00 | 38,00 | 8,00 | NBR | LI |
| TCS0270 | --- | BRG | 19,00 | 30,00 | 6,00 | NBR | LI | TCS0312 | --- | BRG | 22,00 | 40,00 | 6,00 | NBR | LI |
| TCS0271 | --- | BRG | 19,00 | 32,00 | 8,00 | NBR | LI | TCS0314 | --- | BR | 22,00 | 42,00 | 5,00 | NBR | LI |
| TCS0272 | --- | BRG | 19,00 | 35,00 | 7,00 | NBR | LI | TCS0315 | --- | GR | 22,00 | 42,00 | 5,00 | NBR | LI |
| TCS0273 | --- | BRGF | 19,00 | 35,00 | 7,00 | FPM | LI | TCS0316 | --- | BRG | 22,00 | 42,00 | 7,00 | NBR | LI |
| TCS0274 | --- | BRG | 19,00 | 36,00 | 7,00 | NBR | LI | TCS0317 | 00815 | BRG | 22,00 | 42,00 | 10,00 | NBR | LI |
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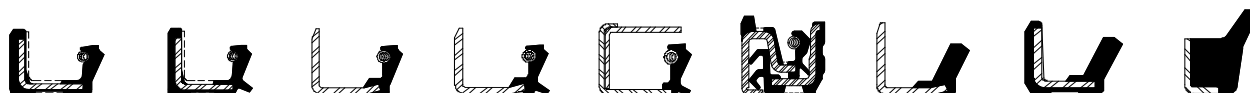
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| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|---------|-------|------|--------|--------|---------|--------|-----|---------|-------|------|--------|--------|---------|--------|-----|
| TCS0319 | --- | BRG | 22,00 | 47,00 | 8,00 | NBR | LI | TCS0360 | --- | BRGF | 26,00 | 42,00 | 7,00 | FPM AZ | LI |
| TCS0320 | --- | BRGF | 22,50 | 37,00 | 7,00 | FPM AZ | LI | TCS0361 | --- | BRG | 26,00 | 42,00 | 8,00 | NBR | LI |
| TCS0321 | --- | BRG | 23,00 | 34,00 | 6,00 | NBR | LI | TCS0363 | --- | BRG | 26,00 | 48,00 | 8,00 | NBR | LI |
| TCS0322 | --- | BRG | 23,00 | 35,00 | 6,00 | NBR | LI | TCS0364 | --- | BRG | 27,00 | 38,00 | 6,00 | NBR | LI |
| TCS0323 | --- | BR | 23,42 | 29,77 | 4,78 | NBR | LI | TCS0365 | --- | BRG | 27,00 | 42,00 | 7,00 | NBR | LI |
| TCS0324 | --- | BRG | 24,00 | 35,00 | 7,00 | NBR | LI | TCS0366 | --- | BRG | 28,00 | 38,00 | 7,00 | NBR | LI |
| TCS0325 | --- | BRG | 24,00 | 40,00 | 7,00 | NBR | LI | TCS0367 | --- | BRG | 28,00 | 40,00 | 5,00 | NBR | LI |
| TCS0326 | --- | BRGF | 24,00 | 40,00 | 8,00 | FPM | LI | TCS0368 | --- | BRGF | 28,00 | 40,00 | 6,00 | FPM | LI |
| TCS0327 | --- | BRG | 70,00 | 120,00 | 10,00 | NBR | LI | TCS0369 | 01495 | BRG | 28,00 | 40,00 | 7,00 | NBR | LI |
| TCS0327 | --- | BRG | 70,00 | 120,00 | 10,00 | NBR | LI | TCS0370 | 02413 | BRG | 28,00 | 40,00 | 8,00 | NBR | LI |
| TCS0328 | --- | B | 24,61 | 38,07 | 7,94 | NBR | LI | TCS0371 | --- | BRG | 28,00 | 42,00 | 6,00 | NBR | LI |
| TCS0329 | 02107 | GA | 25,00 | 35,00 | 5,00 | NBR | LI | TCS0372 | --- | BRF | 28,00 | 42,00 | 7,00 | FPM | LI |
| TCS0330 | --- | BRG | 25,00 | 35,00 | 7,00 | NBR | LI | TCS0373 | --- | BRG | 28,00 | 44,00 | 7,00 | NBR | LI |
| TCS0331 | --- | BRG | 25,00 | 37,00 | 5,00 | NBR | LI | TCS0374 | --- | BRG | 28,00 | 45,00 | 8,00 | NBR | LI |
| TCS0332 | --- | BRG | 25,00 | 37,00 | 6,00 | NBR | LI | TCS0375 | --- | BR | 28,45 | 38,10 | 6,35 | NBR | LI |
| TCS0333 | --- | BRG | 25,00 | 37,00 | 7,00 | NBR | LI | TCS0378 | --- | BRG | 28,58 | 41,28 | 6,35 | NBR | LI |
| TCS0334 | --- | GR | 25,00 | 38,00 | 5,00 | NBR | LI | TCS0379 | --- | BR | 28,58 | 55,37 | 12,70 | NBR | LI |
| TCS0335 | --- | BA | 25,00 | 38,00 | 6,00 | NBR | LI | TCS0380 | --- | BRG | 30,00 | 40,00 | 5,00 | NBR | LI |
| TCS0336 | --- | BAF | 25,00 | 38,00 | 6,00 | FPM | LI | TCS0381 | --- | BRG | 30,00 | 42,00 | 5,00 | NBR | LI |
| TCS0337 | --- | BRG | 25,00 | 38,00 | 7,00 | NBR | LI | TCS0382 | --- | BAG | 30,00 | 42,00 | 6,00 | NBR | LI |
| TCS0338 | --- | BRGF | 25,00 | 38,00 | 7,00 | FPM | LI | TCS0383 | --- | BR | 30,00 | 42,00 | 7,00 | NBR | LI |
| TCS0339 | --- | BRG | 25,00 | 38,00 | 8,00 | NBR | LI | TCS0386 | --- | BRG | 30,00 | 42,00 | 8,00 | NBR | LI |
| TCS0340 | --- | BRG | 25,00 | 40,00 | 7,00 | NBR | LI | TCS0387 | --- | BRGF | 30,00 | 42,00 | 8,00 | FPM | LI |
| TCS0341 | --- | BRGF | 25,00 | 40,00 | 8,00 | FPM | LI | TCS0388 | --- | BRG | 30,00 | 43,00 | 8,00 | NBR | LI |
| TCS0342 | 01604 | BRG | 25,00 | 42,00 | 6,00 | NBR | LI | TCS0389 | --- | BRG | 30,00 | 45,00 | 8,00 | NBR | --- |
| TCS0343 | --- | BRG | 25,00 | 42,00 | 7,00 | NBR | LI | TCS0390 | --- | BRGF | 30,00 | 45,00 | 8,00 | FPM | --- |
| TCS0344 | --- | BA | 25,00 | 43,00 | 6,00 | NBR | LI | TCS0391 | --- | BRG | 30,00 | 47,00 | 7,00 | NBR | LI |
| TCS0345 | --- | BR | 25,00 | 43,00 | 6,00 | NBR | LI | TCS0392 | --- | BRG | 30,00 | 48,00 | 7,00 | NBR | LI |
| TCS0346 | --- | BAG | 25,00 | 43,00 | 8,00 | NBR | LI | TCS0393 | --- | BRGF | 30,00 | 50,00 | 7,00 | FPM | LI |
| TCS0347 | --- | BRG | 25,00 | 45,00 | 7,00 | NBR | LI | TCS0394 | --- | BR | 30,00 | 50,00 | 8,00 | NBR | LI |
| TCS0348 | --- | BRG | 25,00 | 45,00 | 11,00 | NBR | LI | TCS0395 | --- | BRG | 30,00 | 50,00 | 8,00 | NBR | LI |
| TCS0349 | --- | BRGF | 25,00 | 47,00 | 5,00 | FPM AZ | LI | TCS0396 | --- | BRGF | 30,00 | 50,00 | 10,00 | FPM | LI |
| TCS0350 | --- | BRGF | 25,00 | 47,00 | 7,00 | FPM | LI | TCS0397 | --- | BRG | 35,00 | 50,00 | 11,00 | NBR | LI |
| TCS0353 | --- | BRGF | 25,00 | 50,00 | 10,00 | FPM | LI | TCS0398 | 00248 | BR | 142,90 | 171,05 | 14,30 | NBR | LI |
| TCS0354 | --- | BRG | 25,00 | 52,00 | 10,00 | NBR | LI | TCS0400 | --- | BAG | 30,00 | 55,00 | 7,00 | NBR | LI |
| TCS0355 | --- | BRF | 25,00 | 62,00 | 7,00 | FPM | LI | TCS0401 | --- | BRGF | 30,00 | 60,00 | 10,00 | FPM | LI |
| TCS0356 | --- | BRG | 25,00 | 62,00 | 7,00 | NBR | LI | TCS0402 | --- | BRF | 30,00 | 62,00 | 7,00 | FPM | LI |
| TCS0357 | --- | BRG | 25,00 | 62,00 | 10,00 | NBR | LI | TCS0404 | --- | BAG | 30,00 | 72,00 | 7,00 | NBR | LI |
| TCS0358 | --- | BA | 25,40 | 38,10 | 6,35 | NBR | LI | TCS0405 | --- | BA | 31,00 | 43,00 | 6,00 | NBR | LI |
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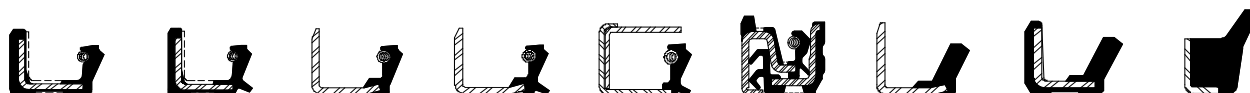
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| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|---------|-------|------|--------|--------|---------|--------|-----|---------|-------|------|--------|--------|---------|--------|-----|
| TCS0407 | --- | GR | 31,50 | 41,00 | 4,00 | NBR | LI | TCS0450 | --- | GA | 40,00 | 52,00 | 6,00 | NBR | LI |
| TCS0408 | --- | BA | 31,75 | 43,00 | 6,00 | NBR | LI | TCS0451 | --- | BRF | 40,00 | 52,00 | 7,00 | FPM | LI |
| TCS0409 | --- | BAG | 31,75 | 50,80 | 12,27 | NBR | LI | TCS0452 | --- | BRG | 40,00 | 52,00 | 7,00 | NBR | LI |
| TCS0410 | --- | BAG | 32,00 | 42,00 | 6,00 | NBR | LI | TCS0453 | --- | BRG | 40,00 | 54,00 | 7,00 | NBR | LI |
| TCS0411 | --- | BRG | 32,00 | 44,00 | 7,00 | NBR | LI | TCS0454 | --- | BAG | 40,00 | 55,00 | 6,50 | NBR | LI |
| TCS0412 | --- | BRG | 32,00 | 46,00 | 6,00 | NBR | LI | TCS0455 | 02031 | BRG | 40,00 | 56,00 | 7,00 | NBR | LI |
| TCS0413 | 00839 | BRG | 32,00 | 50,00 | 8,00 | NBR | LI | TCS0456 | --- | BRG | 40,00 | 56,00 | 8,00 | NBR | LI |
| TCS0414 | --- | BRGF | 32,00 | 50,00 | 10,00 | FPM | LI | TCS0457 | --- | BRG | 40,00 | 58,00 | 7,00 | NBR | LI |
| TCS0416 | --- | BRGF | 32,00 | 55,00 | 10,00 | FPM | LI | TCS0458 | --- | BRG | 40,00 | 58,00 | 8,00 | NBR | LI |
| TCS0417 | --- | BRG | 32,00 | 58,00 | 10,00 | NBR | LI | TCS0462 | --- | BRG | 40,00 | 68,00 | 8,00 | NBR | LI |
| TCS0418 | --- | BRG | 32,00 | 62,00 | 8,00 | NBR | LI | TCS0464 | --- | BRG | 40,00 | 90,00 | 8,00 | NBR | LI |
| TCS0419 | --- | BR | 34,00 | 44,00 | 4,00 | NBR | LI | TCS0465 | --- | BRGF | 40,00 | 90,00 | 10,00 | FPM | LI |
| TCS0420 | --- | BR | 34,00 | 44,00 | 7,00 | NBR | LI | TCS0466 | --- | BR | 41,28 | 61,90 | 12,70 | NBR | LI |
| TCS0421 | --- | BRG | 34,00 | 48,00 | 8,00 | NBR | LI | TCS0467 | --- | BA | 42,00 | 55,00 | 7,00 | NBR | LI |
| TCS0422 | --- | BRGF | 34,00 | 55,00 | 10,00 | FPM | LI | TCS0468 | --- | BRG | 42,00 | 60,00 | 7,00 | NBR | LI |
| TCS0423 | --- | BRG | 34,00 | 58,00 | 6,00 | NBR | LI | TCS0469 | --- | BRG | 42,00 | 62,00 | 7,00 | NBR | LI |
| TCS0424 | --- | BR | 34,93 | 47,63 | 6,35 | NBR | LI | TCS0470 | --- | BRGF | 42,00 | 62,00 | 8,00 | FPM AZ | LI |
| TCS0425 | --- | BRG | 35,00 | 45,00 | 8,00 | NBR | LI | TCS0471 | --- | BRG | 42,00 | 65,00 | 7,00 | NBR | LI |
| TCS0426 | --- | BRGF | 35,00 | 45,00 | 8,00 | FPM | LI | TCS0472 | --- | BRG | 42,00 | 68,00 | 8,00 | NBR | LI |
| TCS0427 | --- | BRG | 35,00 | 46,00 | 7,00 | NBR | LI | TCS0473 | --- | BRG | 42,00 | 72,00 | 8,00 | NBR | LI |
| TCS0428 | --- | BRG | 35,00 | 47,00 | 7,00 | NBR | LI | TCS0474 | --- | BRG | 43,00 | 58,00 | 7,50 | NBR | LI |
| TCS0429 | --- | BRG | 35,00 | 48,00 | 7,00 | NBR | LI | TCS0475 | --- | BRG | 43,50 | 62,00 | 6,50 | NBR | LI |
| TCS0430 | --- | BRG | 35,00 | 48,00 | 8,00 | NBR | LI | TCS0476 | --- | BAG | 43,66 | 65,05 | 12,70 | NBR | LI |
| TCS0431 | --- | BRG | 35,00 | 49,00 | 7,00 | NBR | LI | TCS0477 | --- | GA | 43,66 | 65,05 | 12,70 | NBR | LI |
| TCS0432 | --- | BRGF | 35,00 | 50,00 | 11,00 | FPM | LI | TCS0478 | --- | BRG | 44,00 | 52,00 | 6,00 | NBR | LI |
| TCS0434 | --- | BRG | 35,00 | 54,00 | 8,00 | NBR | LI | TCS0479 | --- | BRG | 44,00 | 58,00 | 8,00 | NBR | LI |
| TCS0436 | --- | BRG | 13,00 | 24,00 | 7,00 | NBR | LI | TCS0480 | --- | BRG | 44,00 | 62,00 | 7,00 | NBR | LI |
| TCS0437 | --- | BRG | 35,00 | 70,00 | 8,00 | NBR | LI | TCS0481 | --- | BRG | 18,00 | 30,00 | 7,00 | NBR | LI |
| TCS0438 | --- | BRF | 36,00 | 50,00 | 7,00 | FPM | LI | TCS0482 | --- | BRG | 45,00 | 55,00 | 8,00 | NBR | LI |
| TCS0439 | --- | BRG | 35,00 | 60,00 | 10,00 | NBR | LI | TCS0483 | --- | BRG | 45,00 | 58,00 | 7,00 | NBR | LI |
| TCS0440 | --- | BRG | 36,50 | 62,00 | 7,00 | NBR | LI | TCS0511 | --- | BA | 45,00 | 60,00 | 6,00 | NBR | LI |
| TCS0441 | --- | BR | 38,00 | 50,00 | 7,00 | NBR | LI | TCS0512 | --- | BRG | 45,00 | 60,00 | 8,00 | NBR | LI |
| TCS0442 | --- | BR | 38,00 | 50,00 | 8,00 | NBR | LI | TCS0513 | --- | BRF | 45,00 | 62,00 | 8,00 | FPM | LI |
| TCS0443 | --- | BAG | 38,00 | 52,00 | 7,00 | NBR | LI | TCS0514 | --- | BRG | 45,00 | 62,00 | 8,00 | NBR | LI |
| TCS0444 | --- | BRG | 38,00 | 58,00 | 7,00 | NBR | LI | TCS0515 | --- | BRGF | 45,00 | 62,00 | 8,00 | FPM | LI |
| TCS0445 | --- | BRG | 38,00 | 68,00 | 8,00 | NBR | LI | TCS0516 | --- | BRGF | 45,00 | 62,00 | 9,00 | FPM | LI |
| TCS0446 | --- | BRG | 38,89 | 53,19 | 8,00 | NBR | LI | TCS0517 | 00460 | BR | 62,00 | 85,00 | 10,00 | NBR | LI |
| TCS0447 | --- | BRGF | 40,00 | 50,00 | 5,00 | FPM AZ | LI | TCS0519 | 02324 | BRG | 45,00 | 65,00 | 8,00 | NBR | LI |
| TCS0448 | --- | BRG | 40,00 | 50,00 | 7,00 | NBR | LI | TCS0520 | --- | BRG | 45,00 | 68,00 | 12,00 | NBR | LI |
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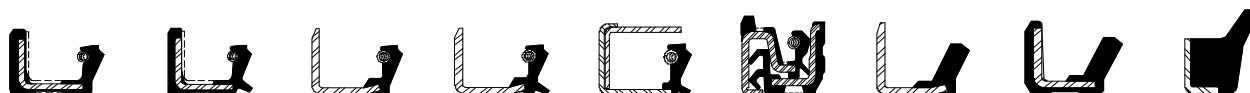
REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|---------|-------|------|--------|--------|---------|-----|-----|---------|-------|------|--------|--------|---------|-----|-----|
| TCS0522 | --- | BRG | 45,00 | 70,00 | 12,00 | NBR | LI | TCS0563 | --- | BRG | 60,00 | 75,00 | 8,00 | FPM | LI |
| TCS0523 | --- | BRG | 45,00 | 72,00 | 7,00 | NBR | LI | TCS0564 | --- | BRG | 60,00 | 75,00 | 8,00 | NBR | LI |
| TCS0524 | --- | BRG | 46,00 | 58,00 | 7,00 | NBR | LI | TCS0567 | --- | BRGF | 60,00 | 82,00 | 12,00 | FPM | LI |
| TCS0525 | --- | BRGS | 47,00 | 66,50 | 11,00 | MVQ | LI | TCS0568 | 01841 | BRG | 60,00 | 82,00 | 12,00 | NBR | LI |
| TCS0526 | --- | BRG | 47,22 | 63,50 | 6,35 | NBR | LI | TCS0569 | 00021 | BG | 60,33 | 88,42 | 11,13 | NBR | LI |
| TCS0527 | --- | BRGF | 48,00 | 62,00 | 8,00 | FPM | LI | TCS0570 | --- | BG | 60,33 | 89,99 | 9,53 | NBR | LI |
| TCS0528 | --- | BRG | 48,00 | 62,00 | 9,00 | NBR | LI | TCS0571 | --- | BG | 63,50 | 85,09 | 11,13 | NBR | LI |
| TCS0529 | --- | BR | 48,00 | 70,00 | 12,00 | NBR | LI | TCS0572 | --- | BR | 64,00 | 80,00 | 8,00 | NBR | LI |
| TCS0530 | --- | BRG | 48,00 | 110,00 | 12,00 | NBR | LI | TCS0573 | --- | BRG | 65,00 | 80,00 | 12,00 | NBR | LI |
| TCS0531 | --- | BA | 49,00 | 62,00 | 7,00 | NBR | LI | TCS0574 | --- | BRGF | 65,00 | 85,00 | 10,00 | FPM | LI |
| TCS0532 | --- | BRG | 50,00 | 65,00 | 9,00 | NBR | LI | TCS0575 | --- | BRG | 65,00 | 85,00 | 13,00 | NBR | LI |
| TCS0533 | --- | B | 50,00 | 70,00 | 8,00 | NBR | LI | TCS0577 | --- | BAG | 69,00 | 85,00 | 10,00 | NBR | LI |
| TCS0534 | --- | BAG | 50,00 | 70,00 | 9,00 | NBR | LI | TCS0578 | --- | BAF | 70,00 | 85,00 | 9,00 | FPM | LI |
| TCS0536 | --- | BRG | 50,00 | 80,00 | 10,00 | NBR | LI | TCS0579 | --- | BRG | 70,00 | 88,00 | 12,00 | NBR | LI |
| TCS0537 | --- | BRGF | 50,00 | 90,00 | 10,00 | FPM | LI | TCS0580 | --- | BAF | 70,00 | 90,00 | 10,00 | FPM | LI |
| TCS0538 | --- | BRG | 50,50 | 62,00 | 9,00 | NBR | LI | TCS0582 | --- | BRG | 70,00 | 90,00 | 12,00 | NBR | LI |
| TCS0539 | --- | BG | 50,80 | 81,00 | 11,90 | NBR | LI | TCS0583 | --- | BRG | 70,00 | 92,00 | 12,00 | NBR | LI |
| TCS0540 | --- | BR | 52,00 | 71,00 | 9,00 | NBR | LI | TCS0584 | --- | BRG | 70,00 | 95,00 | 12,00 | NBR | LI |
| TCS0541 | --- | BRG | 52,00 | 75,00 | 12,00 | NBR | LI | TCS0585 | --- | BRG | 70,00 | 100,00 | 10,00 | NBR | LI |
| TCS0542 | --- | BG | 53,19 | 77,80 | 12,70 | NBR | LI | TCS0586 | --- | BRG | 70,00 | 110,00 | 8,00 | NBR | LI |
| TCS0543 | --- | BGF | 53,98 | 76,20 | 9,53 | FPM | LI | TCS0587 | --- | BRG | 70,00 | 125,00 | 12,00 | NBR | LI |
| TCS0544 | --- | BRG | 55,00 | 70,00 | 8,00 | NBR | LI | TCS0588 | --- | BRG | 75,00 | 90,00 | 8,00 | NBR | LI |
| TCS0545 | --- | BRG | 55,00 | 70,00 | 9,00 | NBR | LI | TCS0589 | 02451 | BRG | 75,00 | 90,00 | 10,00 | NBR | LI |
| TCS0546 | --- | BRG | 55,00 | 70,00 | 10,00 | NBR | LI | TCS0590 | --- | BRG | 75,00 | 92,00 | 12,00 | NBR | LI |
| TCS0547 | --- | BRGF | 55,00 | 72,00 | 8,00 | FPM | LI | TCS0592 | --- | BAG | 16,00 | 30,00 | 6,30 | NBR | LI |
| TCS0548 | --- | BAGF | 55,00 | 72,00 | 9,00 | FPM | LI | TCS0593 | 01044 | BAG | 74,00 | 90,00 | 10,00 | NBR | LI |
| TCS0549 | 02111 | BRG | 55,00 | 72,00 | 9,00 | NBR | LI | TCS0594 | --- | BAGF | 75,00 | 100,00 | 13,00 | FPM | LI |
| TCS0550 | --- | BRG | 55,00 | 72,00 | 10,00 | NBR | LI | TCS0595 | --- | BRG | 75,00 | 100,00 | 13,00 | NBR | LI |
| TCS0551 | --- | BAG | 55,00 | 75,00 | 8,00 | NBR | LI | TCS0596 | --- | BR | 75,00 | 110,00 | 13,00 | NBR | LI |
| TCS0552 | --- | BRG | 55,00 | 75,00 | 8,00 | NBR | LI | TCS0598 | --- | BAG | 76,20 | 96,85 | 9,53 | NBR | LI |
| TCS0553 | --- | BRG | 55,00 | 75,00 | 9,00 | NBR | LI | TCS0599 | --- | BRGS | 79,30 | 99,00 | 10,00 | MVQ | LI |
| TCS0554 | --- | BGF | 55,00 | 75,00 | 16,00 | FPM | LI | TCS0600 | --- | BRG | 80,00 | 95,00 | 9,00 | NBR | LI |
| TCS0555 | --- | BRG | 55,00 | 78,00 | 12,00 | NBR | LI | TCS0601 | --- | BRG | 80,00 | 96,00 | 9,00 | NBR | LI |
| TCS0556 | --- | BRG | 55,00 | 85,00 | 8,00 | NBR | LI | TCS0602 | --- | BAF | 80,00 | 100,00 | 10,00 | FPM | LI |
| TCS0557 | --- | BR | 55,00 | 100,00 | 12,00 | NBR | LI | TCS0603 | 02661 | BRG | 80,00 | 100,00 | 12,00 | NBR | LI |
| TCS0558 | --- | BR | 58,00 | 80,00 | 7,00 | NBR | LI | TCS0604 | --- | BRGF | 80,00 | 100,00 | 13,00 | FPM | LI |
| TCS0559 | --- | BAG | 58,00 | 80,00 | 10,00 | NBR | LI | TCS0605 | --- | BRG | 80,00 | 105,00 | 10,00 | NBR | LI |
| TCS0560 | --- | BRG | 59,13 | 73,03 | 7,94 | NBR | LI | TCS0606 | --- | BRG | 80,00 | 105,00 | 12,00 | NBR | LI |
| TCS0561 | --- | BRF | 60,00 | 72,00 | 8,00 | FPM | LI | TCS0607 | --- | BRG | 80,00 | 110,00 | 10,00 | NBR | LI |
| TCS0562 | --- | BRG | 60,00 | 72,00 | 8,00 | NBR | LI | TCS0608 | --- | BRG | 85,00 | 100,00 | 12,00 | NBR | LI |



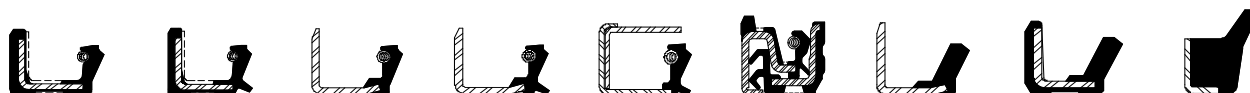
REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|---------|-------|------|--------|--------|---------|--------|-----|---------|-------|-------|--------|--------|---------|-----|-----|
| TCS0609 | --- | GA | 47,00 | 63,00 | 6,00 | PU | LI | TCS0653 | --- | BR | 150,00 | 180,00 | 12,00 | NBR | LI |
| TCS0610 | --- | BRG | 90,00 | 110,00 | 10,00 | NBR | LI | TCS0654 | --- | BRGF | 160,00 | 190,00 | 14,00 | FPM | LI |
| TCS0611 | 02574 | BRG | 90,00 | 110,00 | 12,00 | NBR | LI | TCS0655 | --- | BRGF | 160,00 | 190,00 | 15,00 | FPM | LI |
| TCS0612 | --- | BRG | 90,00 | 115,00 | 13,00 | NBR | LI | TCS0656 | --- | BRGF | 165,00 | 200,00 | 15,00 | FPM | LI |
| TCS0613 | 02571 | BRGF | 90,00 | 120,00 | 12,00 | FPM | LI | TCS0657 | --- | BR | 180,00 | 220,00 | 15,00 | NBR | LI |
| TCS0614 | --- | B | 95,00 | 115,00 | 13,00 | NBR | LI | TCS0658 | --- | BRGF | 190,00 | 220,00 | 15,00 | FPM | LI |
| TCS0615 | --- | B | 95,00 | 115,00 | 13,00 | ACM | LI | TCS0659 | --- | BRG | 200,00 | 230,00 | 15,00 | NBR | LI |
| TCS0616 | --- | BAO | 17,00 | 28,00 | 6,50 | NBR | LI | TCS0660 | --- | B | 209,55 | 260,35 | 15,88 | NBR | LI |
| TCS0619 | --- | BRG | 100,00 | 120,00 | 10,00 | NBR | LI | TCS0661 | --- | BRG | 220,00 | 260,00 | 22,00 | NBR | LI |
| TCS0620 | --- | BAF | 100,00 | 120,00 | 11,00 | FPM | LI | TCS0662 | --- | BA | 230,00 | 254,00 | 12,00 | NBR | LI |
| TCS0621 | 01375 | BRG | 100,00 | 120,00 | 12,00 | NBR | LI | TCS0663 | --- | BRG | 240,00 | 270,00 | 15,00 | NBR | LI |
| TCS0622 | 00291 | B | 49,20 | 76,05 | 12,70 | NBR | LI | TCS0664 | --- | BRG | 240,00 | 280,00 | 15,00 | NBR | LI |
| TCS0623 | --- | BRG | 100,00 | 125,00 | 13,00 | NBR | LI | TCS0665 | --- | BRGF | 250,00 | 280,00 | 15,00 | FPM | LI |
| TCS0625 | 01974 | BRG | 100,00 | 130,00 | 13,00 | NBR | LI | TCS0666 | --- | BRG | 250,00 | 280,00 | 15,00 | NBR | LI |
| TCS0626 | --- | BRG | 100,00 | 180,00 | 12,00 | NBR | LI | TCS0671 | --- | BRGG | 19,00 | 32,00 | 6,00 | NBR | LI |
| TCS0627 | 02985 | BRGF | 105,00 | 130,00 | 12,00 | FPM | LI | TCS0676 | --- | BRG | 18,00 | 28,00 | 5,00 | NBR | LI |
| TCS0628 | --- | BRG | 105,00 | 150,00 | 14,00 | NBR | LI | TCS0677 | --- | BR | 35,00 | 46,00 | 7,00 | NBR | LI |
| TCS0629 | --- | BRG | 107,95 | 152,40 | 12,70 | NBR | LI | TCS0678 | --- | BRG | 19,00 | 32,00 | 5,00 | NBR | LI |
| TCS0630 | --- | BRG | 110,00 | 130,00 | 12,00 | NBR | LI | TCS0679 | --- | BAG | 16,00 | 30,00 | 6,00 | NBR | LI |
| TCS0631 | --- | BRG | 110,00 | 135,00 | 12,00 | NBR | LI | TCS0682 | --- | BRG | 26,00 | 35,50 | 6,50 | NBR | LI |
| TCS0632 | --- | BRG | 110,00 | 140,00 | 12,00 | NBR | LI | TCS0683 | --- | BR | 26,00 | 37,00 | 7,00 | NBR | LI |
| TCS0633 | --- | BRGF | 110,00 | 140,00 | 13,00 | FPM | LI | TCS0684 | --- | BAG | 17,00 | 32,00 | 7,00 | NBR | LI |
| TCS0634 | --- | BRG | 110,00 | 140,00 | 14,00 | NBR | LI | TCS0685 | --- | BAG | 18,00 | 34,00 | 8,00 | NBR | LI |
| TCS0635 | --- | BRGF | 110,00 | 140,00 | 14,00 | FPM | LI | TCS0686 | --- | BRG | 18,00 | 32,00 | 8,00 | NBR | LI |
| TCS0636 | --- | BRG | 114,30 | 152,40 | 12,70 | NBR | LI | TCS0687 | --- | GR | 20,00 | 26,00 | 3,00 | NBR | LI |
| TCS0637 | --- | BAGF | 115,00 | 145,00 | 14,00 | FPM | LI | TCS0688 | --- | BAG | 24,00 | 43,00 | 8,50 | NBR | LI |
| TCS0638 | --- | BRG | 118,00 | 150,00 | 12,00 | NBR | LI | TCS0696 | --- | HASTE | 8,40 | 18,50 | 7,50 | FPM | LI |
| TCS0640 | --- | BRGF | 120,00 | 150,00 | 14,00 | FPM | LI | TCS0697 | 05142 | BRAG | 20,00 | 31,00 | 7,00 | NBR | LI |
| TCS0641 | --- | BRG | 120,00 | 150,00 | 14,00 | NBR | LI | TCS0698 | 05141 | BRAG | 17,00 | 28,00 | 7,00 | NBR | LI |
| TCS0642 | --- | BRG | 125,00 | 155,00 | 14,00 | NBR | LI | TCS0708 | --- | BR | 23,00 | 38,00 | 7,00 | NBR | LI |
| TCS0643 | --- | BRGS | 130,00 | 160,00 | 13,00 | MVQ VR | LI | TCS0713 | 01366 | B | 35,00 | 72,00 | 10,00 | NBR | LI |
| TCS0644 | --- | BAGF | 130,00 | 160,00 | 14,00 | FPM | LI | TCS0716 | 00218 | B | 36,50 | 57,05 | 12,70 | NBR | LI |
| TCS0645 | --- | BRG | 130,00 | 160,00 | 14,00 | NBR | LI | TCS0717 | --- | BRG | 136,00 | 158,00 | 12,00 | NBR | LI |
| TCS0646 | --- | BRG | 135,00 | 165,00 | 14,00 | NBR | LI | TCS0718 | --- | AGGC | 33,30 | 46,43 | 3,75 | NBR | LI |
| TCS0647 | --- | BRG | 140,00 | 160,00 | 14,00 | NBR | LI | TCS0719 | --- | BAG | 19,05 | 33,36 | 7,94 | NBR | LI |
| TCS0648 | --- | BRGF | 140,00 | 170,00 | 15,00 | FPM | LI | TCS0720 | 01802 | BR | 42,00 | 62,00 | 6,00 | NBR | LI |
| TCS0649 | --- | BRG | 140,00 | 170,00 | 15,00 | NBR | LI | TCS0721 | --- | BRG | 36,00 | 63,50 | 8,00 | NBR | LI |
| TCS0650 | --- | BRG | 145,00 | 170,00 | 12,00 | NBR | LI | TCS0722 | --- | BRG | 79,00 | 110,00 | 10,00 | NBR | LI |
| TCS0651 | --- | BRG | 145,00 | 170,00 | 13,00 | NBR | LI | TCS0723 | --- | BR | 68,00 | 100,00 | 10,00 | NBR | LI |
| TCS0652 | --- | BRGF | 145,00 | 180,00 | 12,00 | FPM | LI | TCS0724 | --- | BRG | 107,00 | 140,00 | 13,00 | NBR | LI |



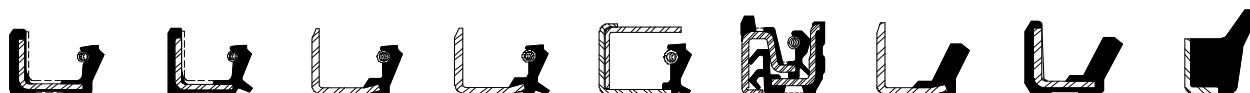
REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|---------|-------|------|--------|--------|---------|-----|-----|---------|-------|-------|--------|--------|----------|-----|-----|
| TCS0725 | --- | BRG | 98,00 | 130,00 | 12,00 | NBR | LI | TCS0800 | 02091 | BAG | 35,00 | 62,00 | 12,00 | NBR | LI |
| TCS0726 | --- | GB | 40,00 | 62,00 | 12,00 | NBR | LI | TCS0801 | 01602 | BAG | 40,00 | 72,00 | 12,00 | NBR | LI |
| TCS0727 | 00998 | BRG | 8,50 | 16,00 | 6,50 | NBR | LI | TCS0802 | 00618 | BAG | 85,00 | 110,00 | 14,00 | NBR | LI |
| TCS0728 | 01930 | BAG | 54,10 | 73,00 | 8,50 | NBR | LI | TCS0803 | 02395 | BAGG | 45,00 | 73,10 | 13,00 | NBR | LI |
| TCS0729 | 01931 | BAG | 41,40 | 70,60 | 7,90 | NBR | LI | TCS0804 | 02392 | BRGE2 | 55,00 | 70,00 | 6,0/10,2 | NBR | BI |
| TCS0732 | --- | BRG | 50,80 | 69,85 | 8,00 | NBR | LI | TCS0805 | 02442 | BAGE | 50,00 | 65,00 | 9,7/14,0 | NBR | BI |
| TCS0733 | --- | BR | 28,00 | 42,00 | 7,00 | NBR | LI | TCS0806 | 01581 | BG | 30,00 | 72,00 | 10,00 | NBR | LI |
| TCS0734 | --- | BRG | 105,00 | 130,00 | 12,00 | NBR | LI | TCS0807 | --- | BRG | 40,00 | 68,00 | 10,00 | NBR | LI |
| TCS0735 | --- | BRG | 160,00 | 190,00 | 15,00 | NBR | LI | TCS0808 | 00834 | BRG | 50,00 | 72,10 | 10,00 | NBR | LI |
| TCS0736 | --- | BG | 69,80 | 98,45 | 9,50 | NBR | LI | TCS0809 | --- | B | 79,80 | 98,40 | 9,50 | NBR | LI |
| TCS0738 | --- | BRG | 100,00 | 140,00 | 13,00 | NBR | LI | TCS0810 | 02689 | BAG | 12,00 | 20,00 | 5,00 | NBR | LI |
| TCS0739 | --- | BRG | 140,00 | 160,00 | 12,00 | NBR | LI | TCS0811 | --- | BRG | 40,00 | 90,00 | 10,00 | NBR | LI |
| TCS0740 | 02685 | BRG | 60,00 | 90,00 | 8,00 | NBR | LI | TCS0812 | 03252 | BRG | 14,00 | 22,00 | 5,00 | NBR | LI |
| TCS0741 | --- | BRG | 38,00 | 63,70 | 8,00 | NBR | LI | TCS0813 | 01348 | BRG | 15,00 | 30,00 | 10,00 | NBR | LI |
| TCS0742 | --- | BRG | 65,00 | 100,00 | 8,00 | NBR | LI | TCS0814 | --- | BRG | 15,00 | 35,00 | 10,00 | NBR | LI |
| TCS0743 | 02927 | BRG1 | 8,70 | 13,50 | 11,00 | FPM | LI | TCS0815 | 01415 | BRG | 17,00 | 35,00 | 10,00 | NBR | LI |
| TCS0754 | --- | BRG | 20,00 | 36,00 | 7,00 | NBR | LI | TCS0818 | --- | BRG | 110,00 | 140,00 | 13,00 | NBR | LI |
| TCS0756 | --- | BR | 28,00 | 38,00 | 7,00 | NBR | LI | TCS0819 | 02570 | BRGF | 25,00 | 40,00 | 7,00 | FPM | LI |
| TCS0757 | --- | BR | 25,00 | 35,00 | 7,00 | NBR | LI | TCS0820 | 02802 | BRGF | 25,00 | 35,00 | 7,00 | FPM | LI |
| TCS0758 | --- | BRG1 | 23,50 | 32,50 | 5,3/6,0 | NBR | LI | TCS0821 | --- | BAO | 17,00 | 32,00 | 8,50 | NBR | LI |
| TCS0767 | --- | BRG | 26,00 | 35,00 | 6,00 | NBR | LI | TCS0823 | --- | BRG | 18,70 | 35,00 | 7,00 | NBR | LI |
| TCS0772 | --- | BR | 28,00 | 37,60 | 6,00 | NBR | LI | TCS0824 | --- | BRG | 19,00 | 30,00 | 5,00 | NBR | LI |
| TCS0773 | --- | BR | 20,60 | 41,00 | 6,30 | NBR | LI | TCS0825 | --- | GA | 30,20 | 42,00 | 6,00 | NBR | LI |
| TCS0776 | --- | BR | 23,00 | 35,00 | 6,50 | NBR | LI | TCS0826 | --- | BRG | 19,05 | 34,60 | 6,30 | NBR | LI |
| TCS0779 | 00358 | BRG | 30,00 | 50,00 | 10,00 | NBR | LI | TCS0827 | --- | BR | 33,00 | 46,00 | 7,00 | NBR | LI |
| TCS0780 | --- | BRG | 25,00 | 50,00 | 10,00 | NBR | LI | TCS0829 | --- | BR | 25,00 | 34,00 | 5,00 | NBR | LI |
| TCS0781 | 02373 | BRG | 13,00 | 26,00 | 7,00 | NBR | LI | TCS0830 | --- | BRGG | 19,00 | 37,00 | 6,50 | NBR | LI |
| TCS0785 | --- | BRG1 | 22,30 | 32,20 | 5,0/7,0 | NBR | LI | TCS0832 | --- | BRG | 50,00 | 72,00 | 8,00 | NBR | LI |
| TCS0786 | --- | BRG | 26,00 | 37,00 | 7,00 | NBR | LI | TCS0833 | --- | BRG | 20,00 | 32,00 | 5,50 | NBR | LI |
| TCS0787 | 03005 | BRG | 12,00 | 21,00 | 5,00 | NBR | LI | TCS0834 | --- | BRG | 26,00 | 34,00 | 4,50 | NBR | LI |
| TCS0789 | --- | BRG | 37,00 | 83,00 | 12,00 | NBR | LI | TCS0837 | 02171 | BR | 10,00 | 19,00 | 7,00 | NBR | LI |
| TCS0790 | 00490 | BRG | 70,00 | 90,00 | 13,00 | NBR | LI | TCS0838 | 00821 | BR | 19,05 | 31,75 | 6,35 | NBR | LI |
| TCS0791 | 01299 | BRG | 28,60 | 38,10 | 5,95 | NBR | LI | TCS0839 | 01149 | BR | 31,75 | 44,45 | 6,35 | NBR | LI |
| TCS0792 | 02675 | BRG | 40,08 | 82,95 | 9,92 | NBR | LI | TCS0840 | --- | BR | 38,00 | 50,00 | 7,00 | NBR | LI |
| TCS0793 | 00141 | BAG | 25,40 | 38,10 | 9,92 | NBR | LI | TCS0841 | 01193 | BR | 130,00 | 160,00 | 12,00 | NBR | LI |
| TCS0794 | 01576 | BAG | 16,00 | 22,10 | 6,40 | NBR | LI | TCS0842 | 01630 | BAG | 31,75 | 42,86 | 7,94 | NBR | LI |
| TCS0796 | 01389 | BAG | 14,00 | 24,00 | 7,00 | NBR | LI | TCS0843 | 02169 | BAG | 45,00 | 62,00 | 7,00 | NBR | LI |
| TCS0797 | 01935 | BAG | 20,00 | 30,00 | 7,00 | NBR | LI | TCS0844 | 02116 | BAGP | 60,33 | 82,55 | 11,11 | ACM | LI |
| TCS0798 | 00766 | BAG | 15,00 | 30,00 | 8,00 | NBR | LI | TCS0845 | 02270 | B | 32,00 | 72,00 | 10,00 | NBR | LI |
| TCS0799 | 02062 | BAG | 25,00 | 40,00 | 7,00 | NBR | LI | TCS0846 | --- | BRG | 85,00 | 125,00 | 10,00 | NBR | LI |



REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|---------|-------|-------|--------|--------|------------|----------|-----|---------|-------|------|--------|--------|---------|-----|-----|
| TCS0847 | --- | BRG | 95,00 | 110,00 | 12,00 | NBR | LI | TCS0911 | 00644 | BG | 82,50 | 107,85 | 11,90 | NBR | LI |
| TCS0848 | 01737 | BR | 11,00 | 17,00 | 4,00 | NBR | LI | TCS0912 | --- | BRG | 25,00 | 35,00 | 10,00 | NBR | LI |
| TCS0849 | 01737 | BR | 11,00 | 17,00 | 4,00 | NBR AZUL | LI | TCS0914 | 01194 | BR | 60,00 | 85,10 | 12,70 | NBR | LI |
| TCS0850 | --- | BR | 200,00 | 230,00 | 13,00 | NBR | LI | TCS0915 | 01738 | BG | 45,00 | 60,00 | 10,00 | NBR | LI |
| TCS0858 | --- | BAG | 17,00 | 34,00 | 8,00 | NBR | LI | TCS0916 | 01779 | BG | 22,00 | 47,00 | 9,00 | NBR | LI |
| TCS0860 | 01828 | B | 61,90 | 79,95 | 10,00 | NBR | LI | TCS0917 | 01807 | BAG | 50,00 | 70,00 | 12,00 | NBR | LI |
| TCS0861 | 00609 | BRG | 75,00 | 100,00 | 10,00 | NBR | LI | TCS0918 | --- | BA | 45,00 | 72,00 | 10,00 | NBR | LI |
| TCS0863 | 02225 | BRG | 40,00 | 68,00 | 12,00 | NBR | LI | TCS0919 | 01182 | BRG | 30,00 | 72,00 | 9,50 | NBR | LI |
| TCS0864 | 01656 | BRG | 44,50 | 70,00 | 10,00 | NBR | LI | TCS0921 | 02036 | GB | 73,00 | 101,60 | 17,40 | NBR | LI |
| TCS0865 | 00919 | BRG | 56,00 | 85,00 | 13,00 | NBR | LI | TCS0922 | 02017 | GB | 73,50 | 95,00 | 18,00 | NBR | LI |
| TCS0866 | 00118 | BAG | 22,00 | 35,00 | 10,00 | NBR | LI | TCS0923 | 02246 | BAG | 168,00 | 188,00 | 31,50 | NBR | LI |
| TCS0868 | 02981 | GA | 43,00 | 52,00 | 6,50 | NBR | LI | TCS0924 | --- | BR | 115,00 | 140,35 | 13,00 | NBR | LI |
| TCS0871 | 00795 | BRG | 16,00 | 30,00 | 10,00 | NBR | LI | TCS0925 | 01657 | BA | 38,00 | 57,00 | 7,00 | NBR | LI |
| TCS0872 | --- | HASTE | 9,00 | 12,00 | 4,00/10,50 | FPM | LI | TCS0927 | 01959 | BAG | 15,00 | 35,00 | 7,00 | NBR | LI |
| TCS0879 | 02531 | BRG | 75,00 | 95,00 | 10,00 | NBR | LI | TCS0928 | 00980 | BA | 16,00 | 28,00 | 7,00 | NBR | LI |
| TCS0880 | 02127 | BG | 76,20 | 101,60 | 11,12 | NBR | LI | TCS0929 | 00798 | BA | 19,00 | 31,90 | 7,00 | NBR | LI |
| TCS0881 | 05142 | BRAG | 20,00 | 31,00 | 7,30 | MVQ | LI | TCS0930 | 00767 | BA | 20,00 | 32,00 | 5,00 | NBR | LI |
| TCS0882 | --- | BA | 10,00 | 27,00 | 6,70 | NBR | LI | TCS0931 | 00769 | BA | 22,00 | 31,90 | 5,00 | NBR | LI |
| TCS0883 | --- | BA | 10,00 | 25,50 | 6,30 | NBR | LI | TCS0932 | --- | BRG | 160,00 | 180,00 | 15,00 | NBR | LI |
| TCS0884 | --- | BA | 12,70 | 28,50 | 6,50 | NBR | LI | TCS0933 | --- | BRG | 40,00 | 85,00 | 10,00 | NBR | LI |
| TCS0885 | --- | BA | 12,70 | 27,00 | 6,50 | NBR | LI | TCS0934 | --- | BRGF | 60,00 | 80,00 | 12,00 | FPM | LI |
| TCS0886 | --- | BA | 12,00 | 26,00 | 7,00 | NBR | LI | TCS0936 | 00359 | BR | 45,00 | 65,00 | 10,00 | NBR | LI |
| TCS0887 | --- | BA | 12,00 | 25,00 | 7,00 | NBR | LI | TCS0937 | --- | B | 72,20 | 100,00 | 12,70 | NBR | LI |
| TCS0894 | --- | BA | 26,00 | 43,15 | 10,00 | NBR | LI | TCS0938 | --- | B | 15,90 | 23,80 | 4,80 | NBR | LI |
| TCS0895 | 00818 | BR | 60,00 | 80,00 | 13,00 | NBR | LI | TCS0945 | --- | BRAG | 19,05 | 33,30 | 7,20 | NBR | H |
| TCS0896 | 00793 | BAG | 55,00 | 90,00 | 10,00 | NBR | LI | TCS0946 | --- | BRG | 19,00 | 28,00 | 5,00 | NBR | LI |
| TCS0897 | 01746 | BG | 20,00 | 42,00 | 10,00 | NBR | LI | TCS0947 | --- | BR | 22,00 | 30,00 | 4,00 | NBR | LI |
| TCS0898 | 00005 | B | 52,40 | 80,95 | 11,50 | NBR | LI | TCS0952 | --- | BRG | 48,00 | 62,00 | 7,00 | NBR | LI |
| TCS0899 | 00533 | BA | 42,80 | 68,15 | 10,70 | NBR | LI | TCS0953 | --- | BRG | 14,00 | 22,00 | 4,00 | ACM | LI |
| TCS0900 | 01963 | BAG | 41,10 | 49,30 | 6,50 | NBR | LI | TCS0954 | --- | BRG | 28,00 | 38,30 | 5,00 | NBR | LI |
| TCS0901 | 00276 | B | 44,50 | 73,00 | 12,00 | NBR | LI | TCS0958 | --- | BRG | 40,00 | 85,00 | 12,00 | NBR | LI |
| TCS0902 | 01901 | BG | 101,80 | 127,10 | 11,90 | NBR | LI | TCS0968 | --- | B | 133,35 | 158,75 | 12,70 | NBR | LI |
| TCS0903 | 00616 | BR | 102,00 | 130,00 | 13,00 | NBR | LI | TCS0971 | --- | BRG | 19,05 | 38,00 | 5,00 | NBR | LI |
| TCS0904 | 01253 | BG | 89,00 | 114,25 | 12,70 | NBR | LI | TCS0976 | --- | BR | 24,00 | 35,40 | 6,50 | NBR | LI |
| TCS0905 | 01660 | BAGE1 | 39,40 | 80,20 | 6,4/11,8 | NBR | BI | TCS0979 | --- | BRG | 120,00 | 160,00 | 12,00 | NBR | LI |
| TCS0906 | 02416 | BAG | 82,50 | 120,00 | 15,00 | NBR | LI | TCS0980 | --- | BRG | 130,00 | 160,00 | 13,00 | NBR | LI |
| TCS0907 | 00838 | BG | 53,00 | 75,00 | 12,00 | NBR | LI | TCS0981 | --- | BAG | 70,00 | 85,00 | 8,00 | NBR | LI |
| TCS0908 | 02095 | GA | 35,00 | 42,00 | 4,00 | NBR | LI | TCS0982 | --- | BRG | 40,00 | 80,00 | 12,00 | NBR | LI |
| TCS0909 | 00837 | B | 40,00 | 70,00 | 12,00 | NBR | LI | TCS0989 | --- | GR | 19,05 | 35,00 | 6,00 | NBR | LI |
| TCS0910 | --- | BF | 87,30 | 114,30 | 22,20 | FPM | LI | TCS0991 | --- | BRG | 25,00 | 36,00 | 5,00 | NBR | LI |



REFERÊNCIA AGEL

| CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI | CÓDIGO | REF | MOD. | Ø INT. | Ø EXT. | H1 / H2 | MAT | ORI |
|---------|-------|------|--------|--------|----------|-----|-----|--------|-----|------|--------|--------|---------|-----|-----|
| TCS0992 | --- | BRG | 110,00 | 160,00 | 12,00 | NBR | LI | | | | | | | | |
| TCS0995 | --- | GAE | 30,00 | 40,00 | 7,0/10,0 | NBR | LI | | | | | | | | |
| TCS0998 | --- | BRG1 | 19,00 | 38,10 | 6,5/9,0 | NBR | LI | | | | | | | | |
| TCS1000 | --- | BRG | 38,00 | 55,00 | 8,00 | NBR | LI | | | | | | | | |
| TCS1001 | 02822 | BRG | 40,00 | 52,00 | 6,00 | NBR | LI | | | | | | | | |
| TCS1002 | 02224 | BRG | 35,00 | 56,00 | 10,00 | NBR | LI | | | | | | | | |
| TCS1003 | --- | BRG | 40,00 | 70,00 | 10,00 | NBR | LI | | | | | | | | |
| TCS1004 | --- | BRG | 60,00 | 90,00 | 12,00 | NBR | LI | | | | | | | | |
| TCS1005 | --- | BRG | 19,00 | 32,00 | 5,00 | NBR | LI | | | | | | | | |
| TCS1006 | --- | BRG | 24,00 | 33,00 | 5,00 | NBR | LI | | | | | | | | |
| TCS1007 | --- | BRO | 20,00 | 34,00 | 8,00 | NBR | LI | | | | | | | | |
| TCS1008 | --- | BRAG | 17,00 | 29,00 | 8,00 | NBR | LI | | | | | | | | |
| TCS1009 | --- | BRGF | 60,00 | 90,00 | 8,00 | FPM | LI | | | | | | | | |
| TCS1010 | --- | BRG | 45,00 | 100,00 | 10,00 | NBR | LI | | | | | | | | |
| TCS1011 | --- | GAE | 36,00 | 46,00 | 7,0/10,0 | NBR | LI | | | | | | | | |
| TCS1012 | --- | GA | 7,95 | 15,88 | 3,96 | NBR | LI | | | | | | | | |
| TCS1014 | --- | BRG | 20,00 | 35,00 | 6,00 | NBR | LI | | | | | | | | |
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Tecnologia em Retentores

AGEL, detentora da marca APC, consolida parceria com a gigante internacional TCS. Excelência em produtos e serviços reconhecidos mundialmente e atestados pela certificação IATF 16949:2016.

Aplicação Automotiva:

- caixa de direção
- cubo de roda
- câmbio e girabrequim
- amortecedor
- compressor de ar
- transmissão
- selo de haste de válvula

Aplicação Industrial:

- rolamentos
- redutores
- motores elétricos
- ferramentas pneumáticas
- linha branca

Aplicação Agrícola, Construção e Mineração:

- máquinas e equipamentos agrícolas
- máquinas e equipamentos de construção
- máquinas e equipamentos de mineração

