



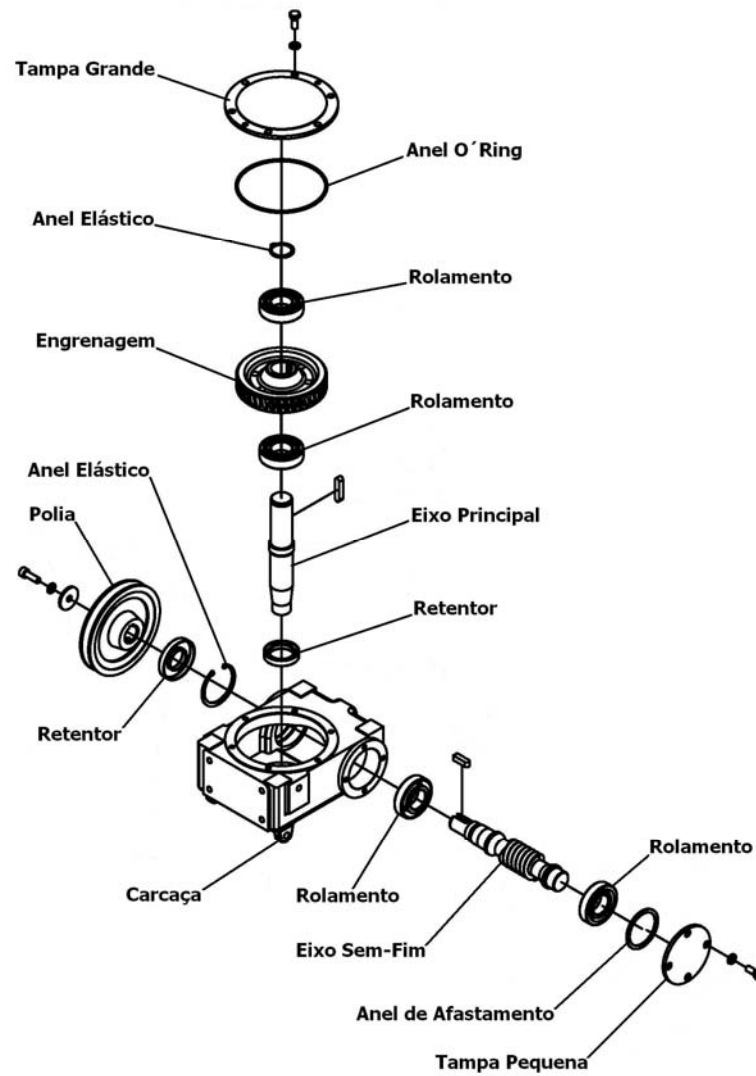
# Manutenção de Equipamentos

PG's

Redutor

# PG 90

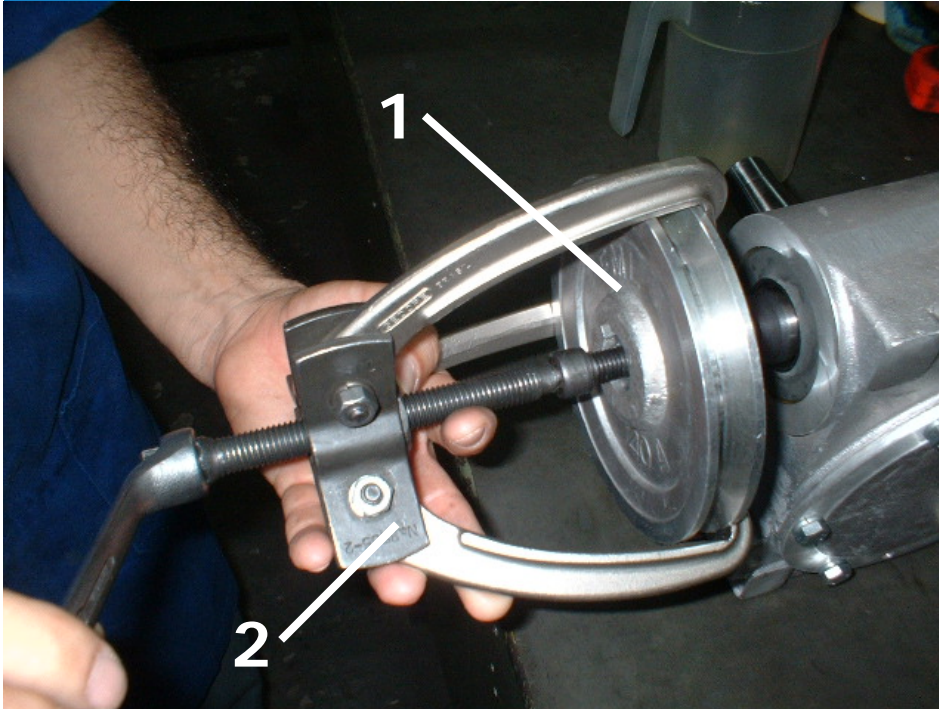




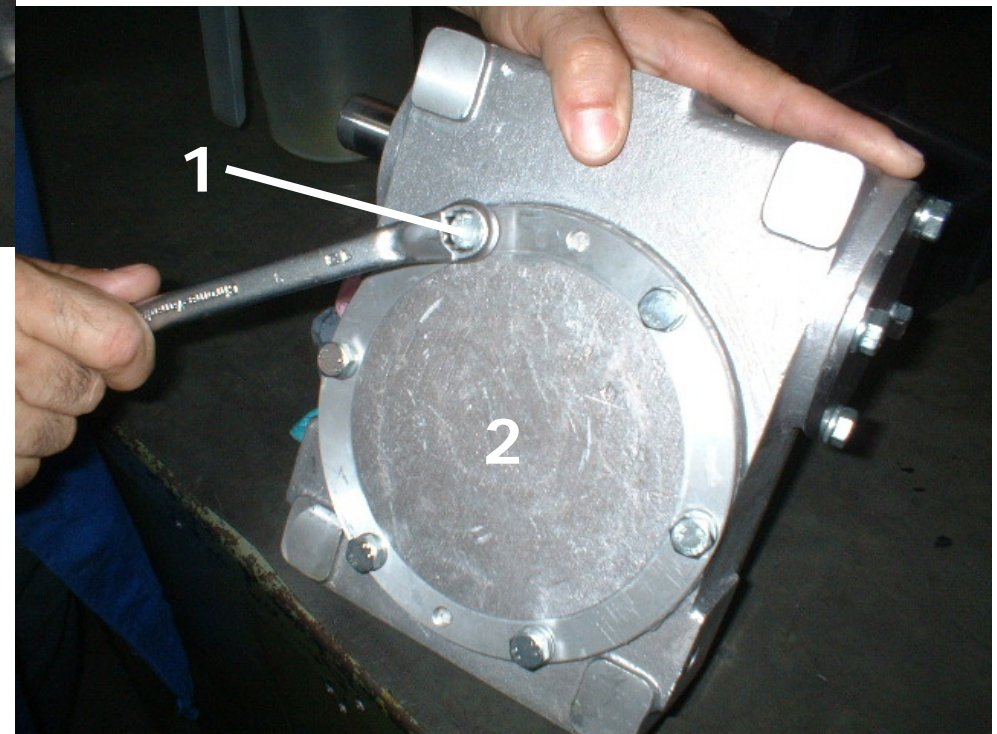


## PG's - Desmontagem

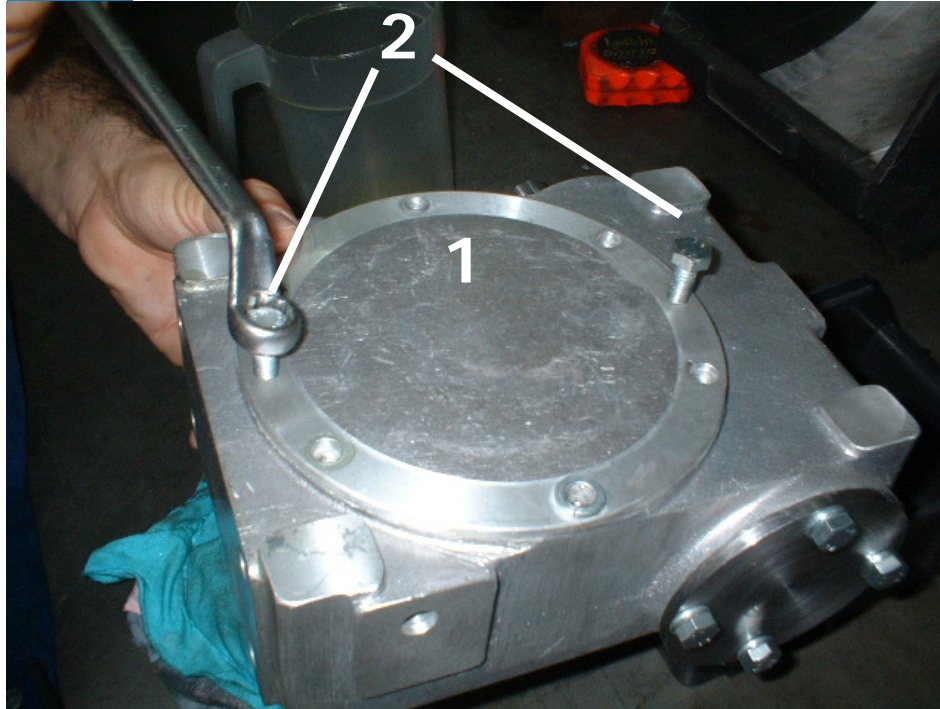
Desmontar a Polia do Redutor (1) utilizando um Sacador de Polias (2).



Soltar os 6 Parafusos (1) que prendem a Tampa Grande (2) na Carcaça.



## PG's - Desmontagem



Desmontar a Tampa Grande (1) utilizando os Parafusos Extratores (2).

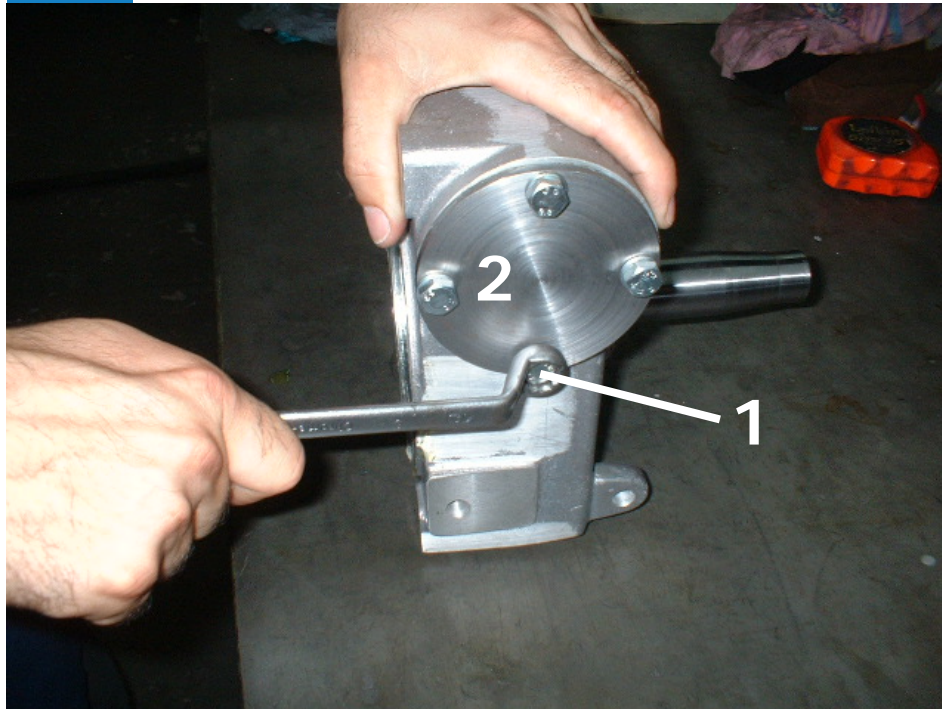


Retirar todo óleo do Redutor (1).

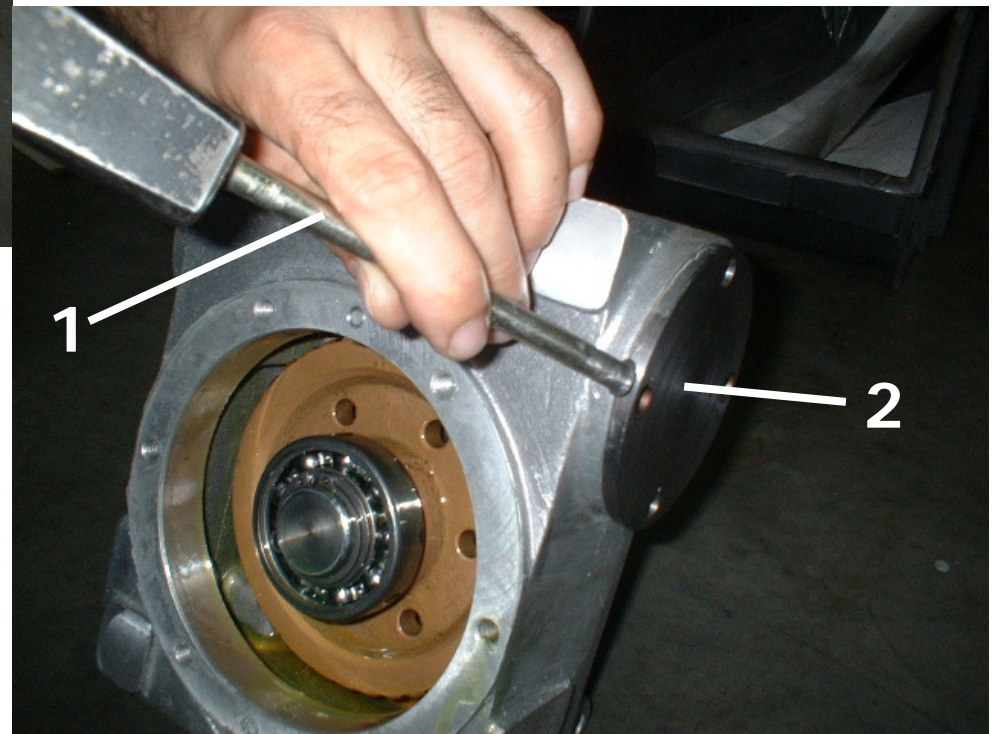


## PG's - Desmontagem

Soltar os 4 Parafusos (1) que prendem a Tampa Pequena (2) na Carcaça.

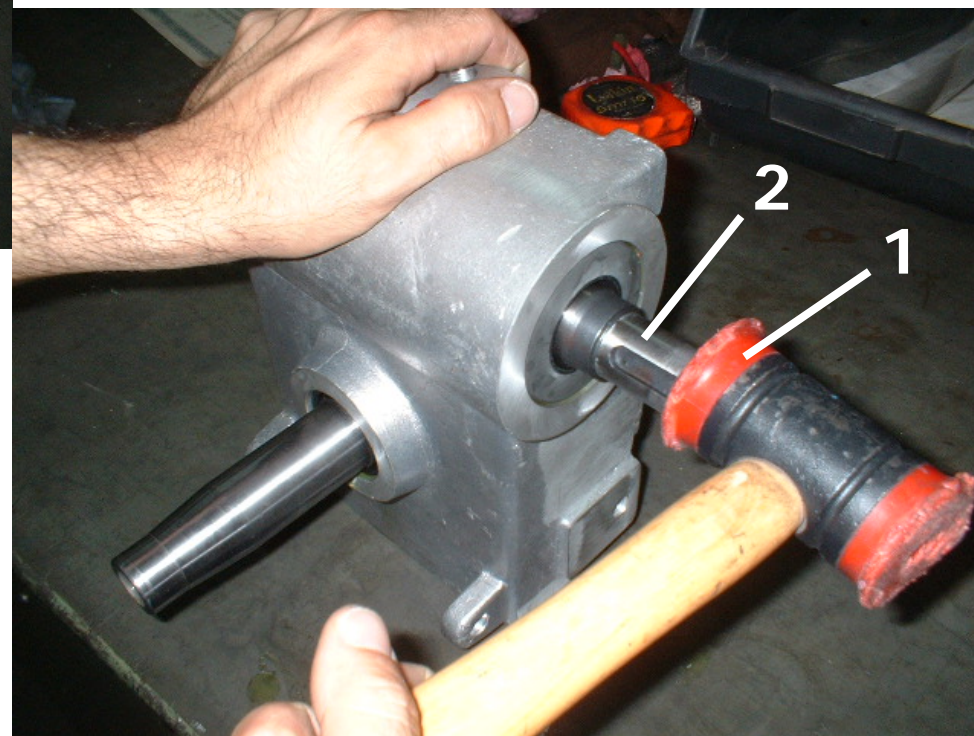
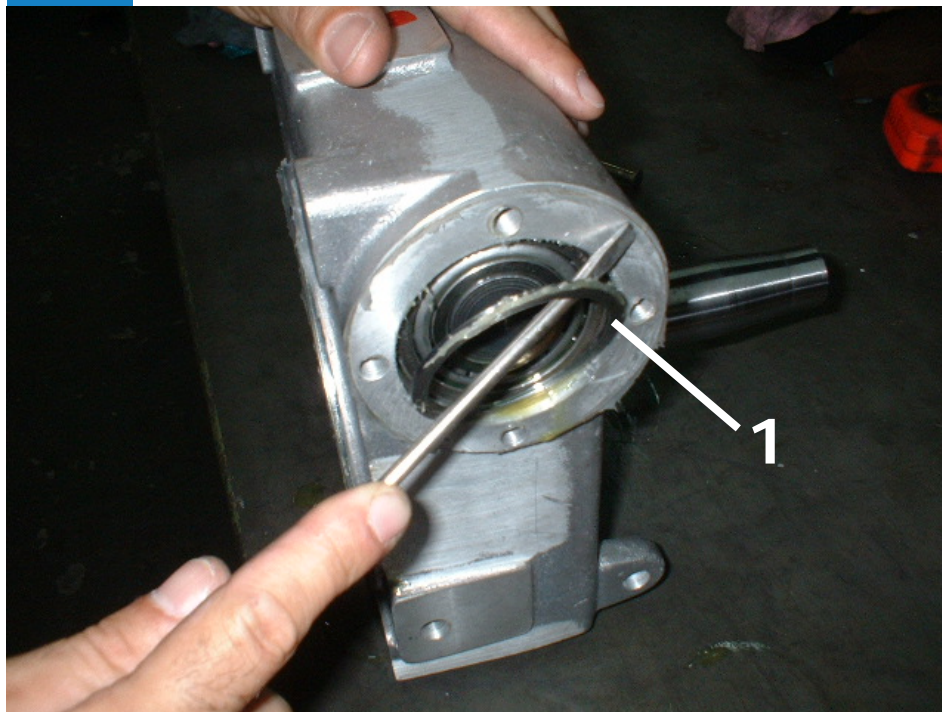


Com uma ferramenta apropriada (1) desmontar a Tampa Pequena (2).



## PG's - Desmontagem

Retirar o Anel de Afastamento (1).

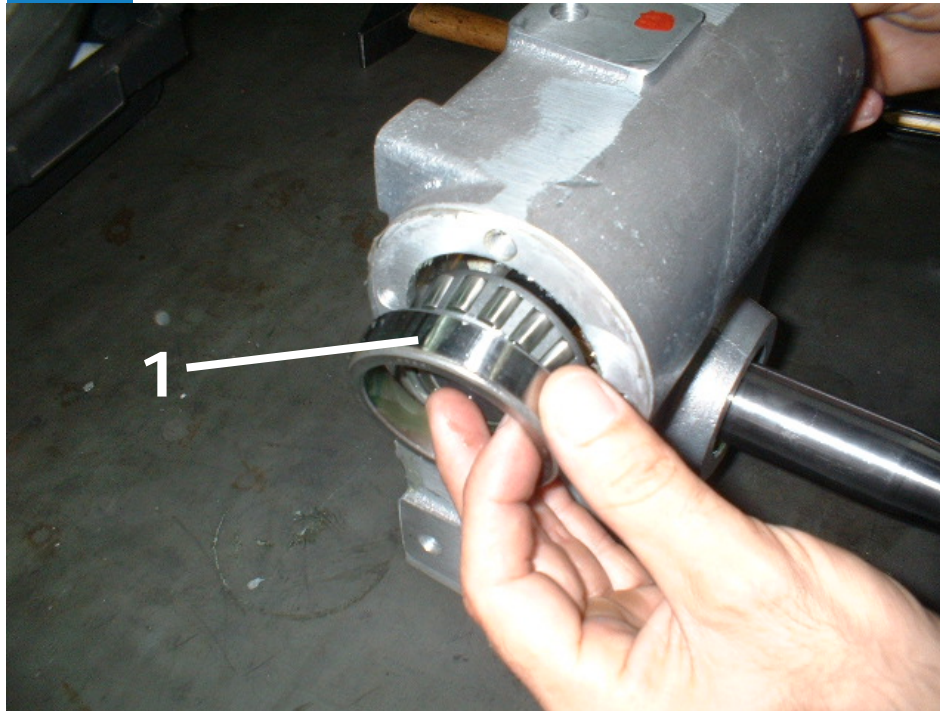


Pelo outro lado do Redutor, com um Martelo de Plástico (1), bater o Eixo Sem-Fim (2) até desmontar o Rolamento.

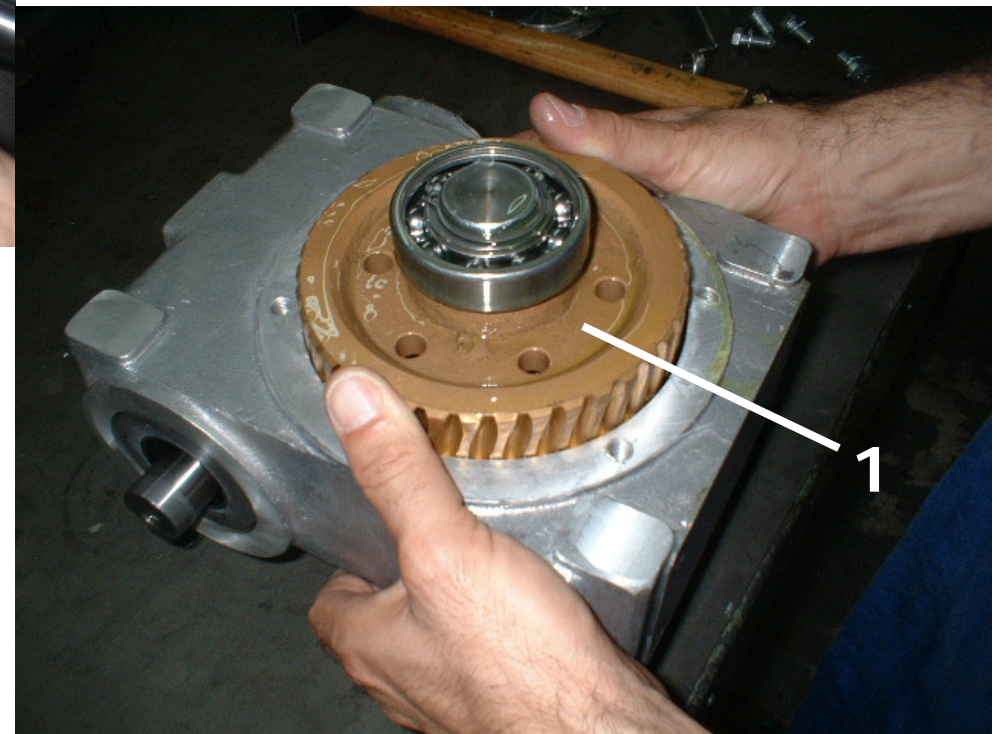


## PG's - Desmontagem

Retirar a Pista Externa do Rolamento (1).



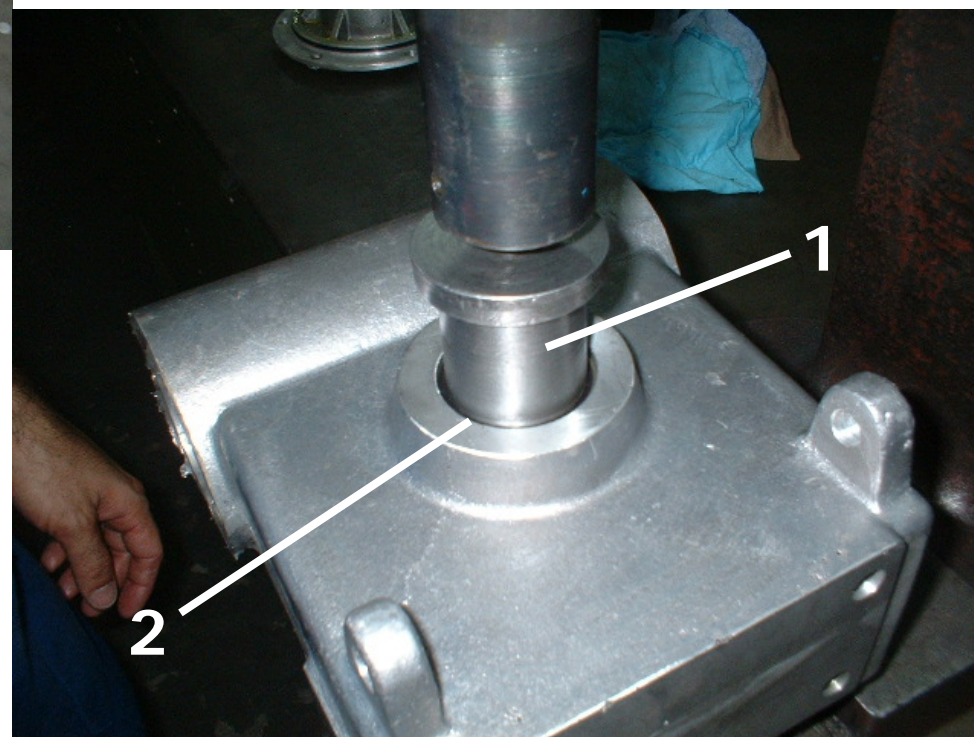
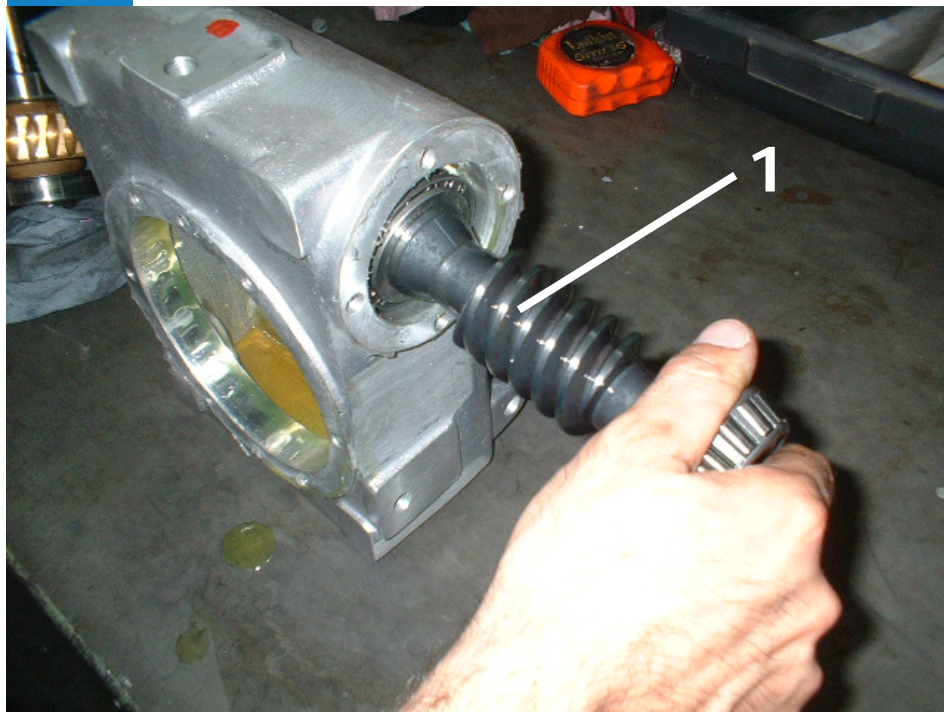
Empurrar o Eixo Principal pela parte inferior do Redutor para desmontar a Engrenagem (1).





## PG's - Desmontagem

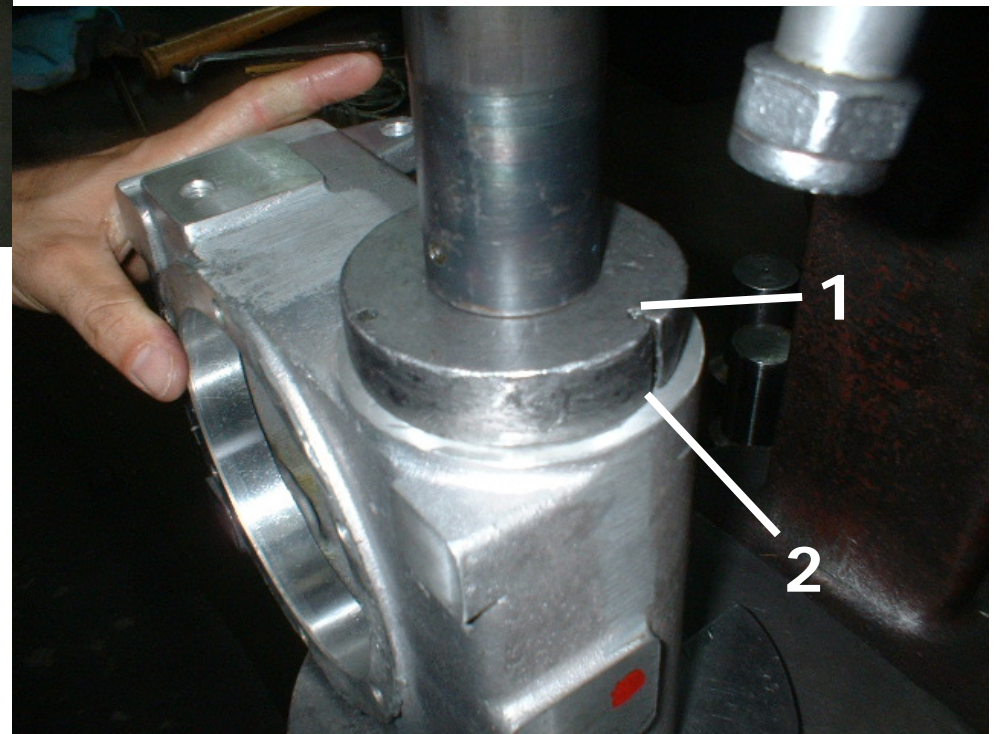
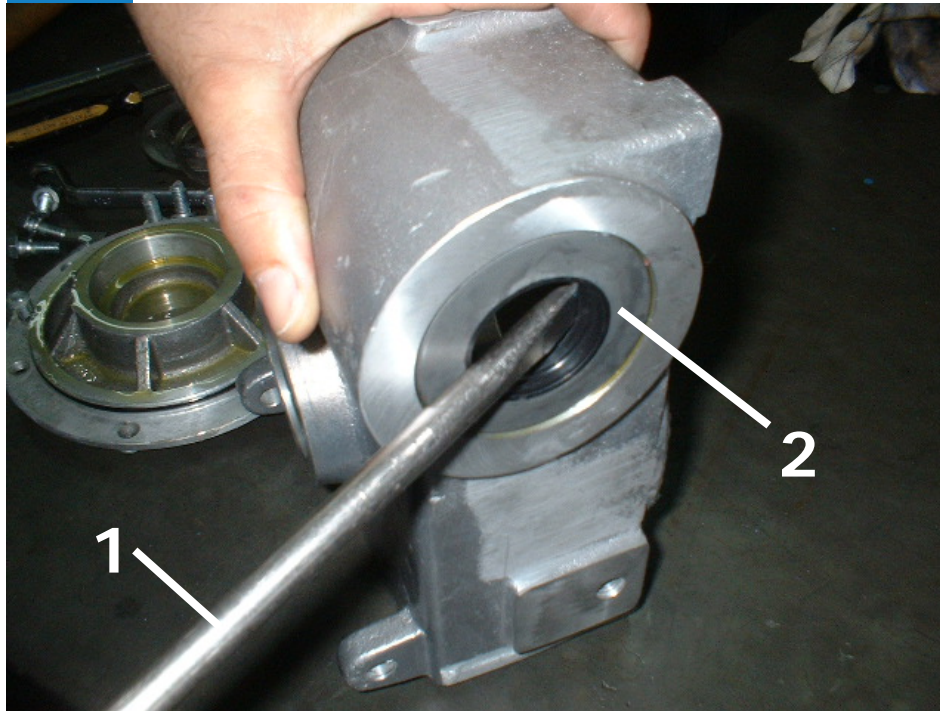
Desmontar o Eixo Sem-Fim (1).



Com uma ferramenta apropriada (1) desmontar o Retentor (2) da parte inferior do Redutor.

## PG's - Desmontagem

Com uma ferramenta apropriada (1) desmontar o Retentor (2) da parte lateral do Redutor.



Com uma ferramenta apropriada (1) desmontar a Pista Externa do Rolamento (2) da parte lateral do Redutor.

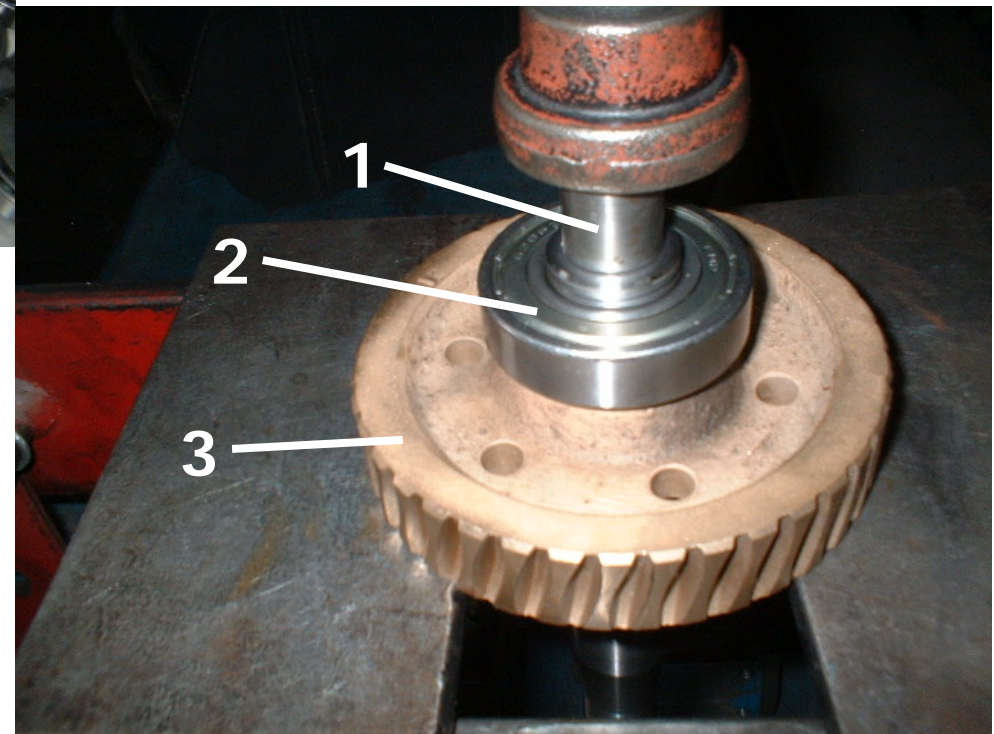


## PG's - Desmontagem

Desmontar o Anel Elástico (1) que prende os Rolamentos e a Engrenagem no Eixo Principal.



Com uma ferramenta apropriada (1) desmontar o Rolamento (2) e a Engrenagem (3) do Eixo Principal.



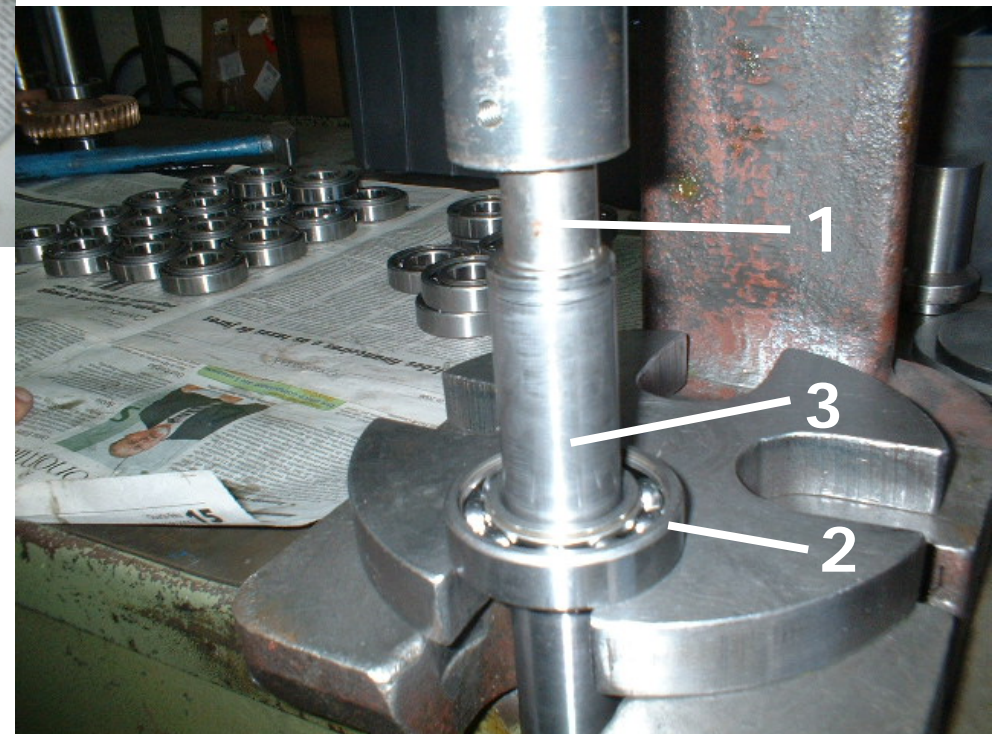


## PG's - Desmontagem



Desmontar a Chaveta (1)  
do Eixo Principal (2).

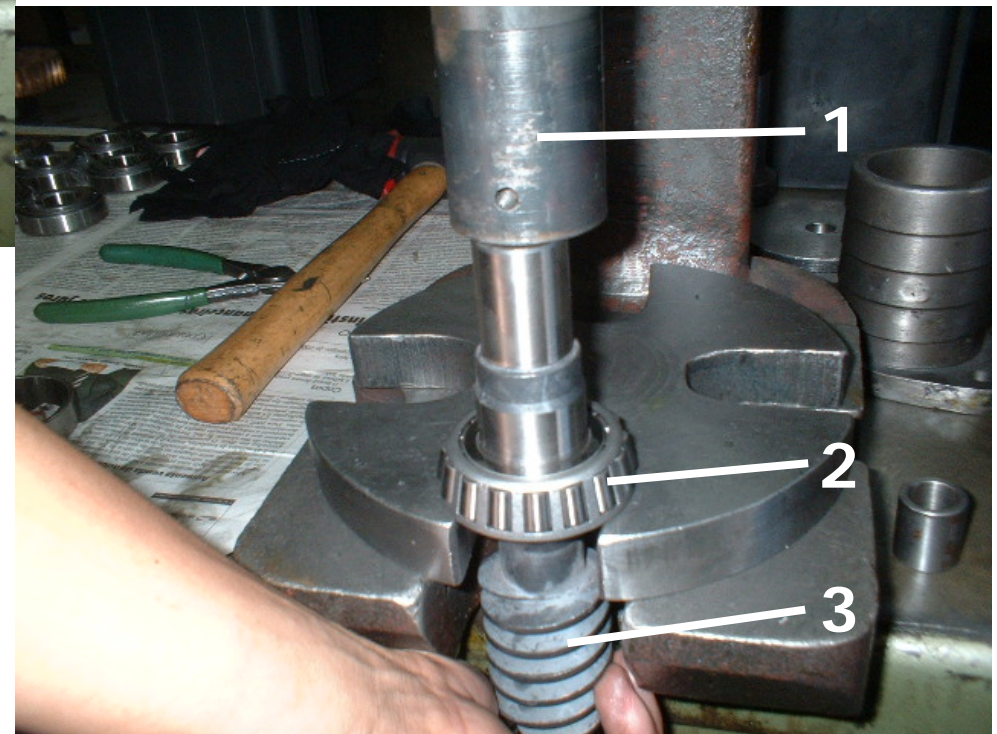
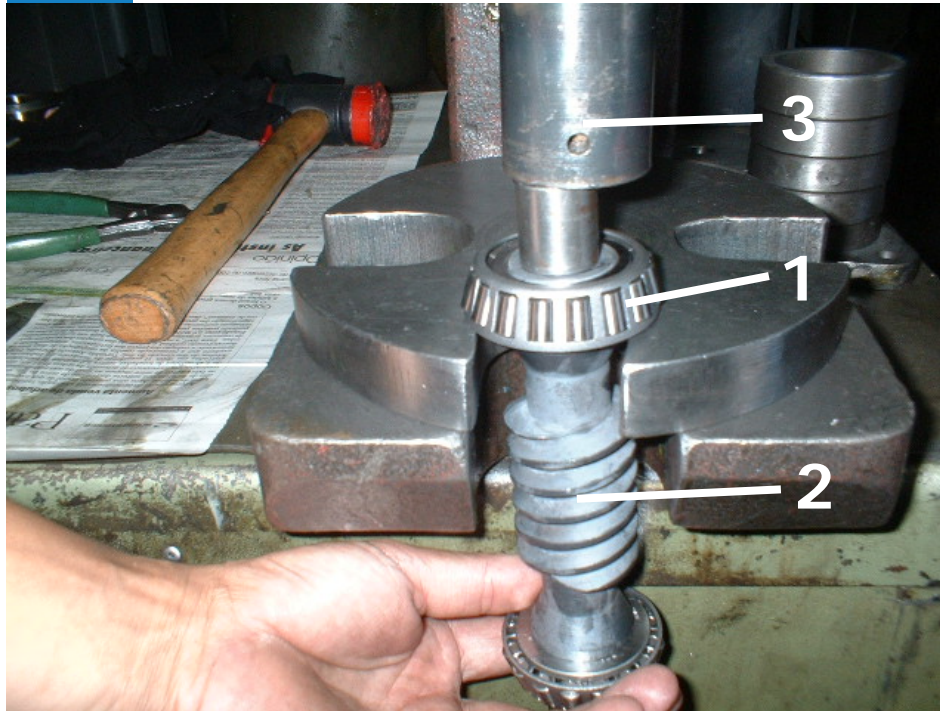
Com uma ferramenta apropriada  
(1) desmontar o Rolamento (2)  
do Eixo Principal (3).





## PG's - Desmontagem

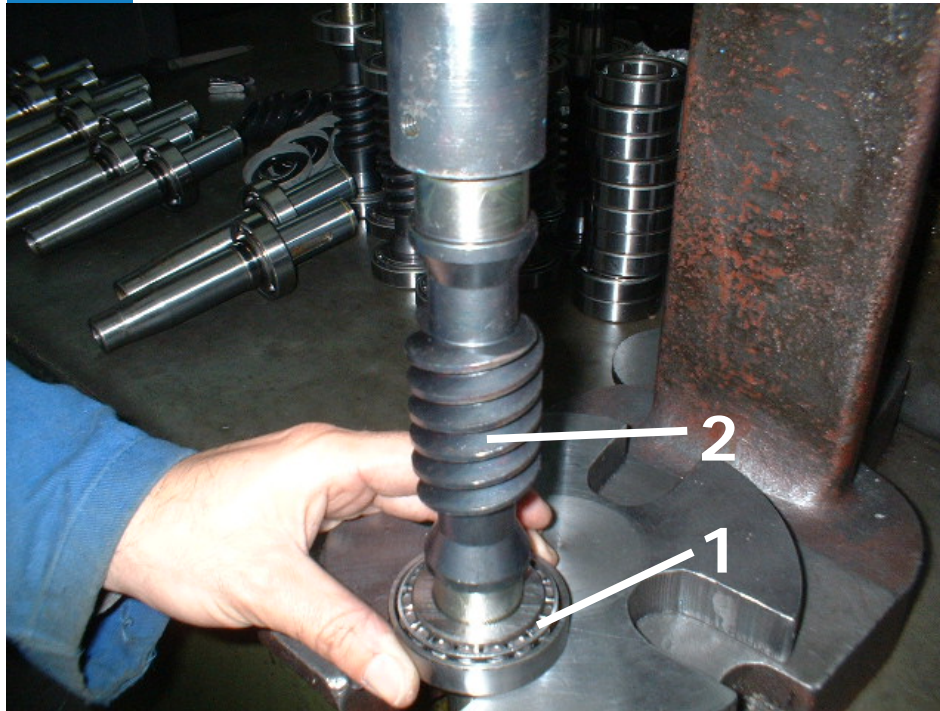
Com uma ferramenta apropriada (3) desmontar o Rolamento (1) do Eixo Sem-Fim (2).



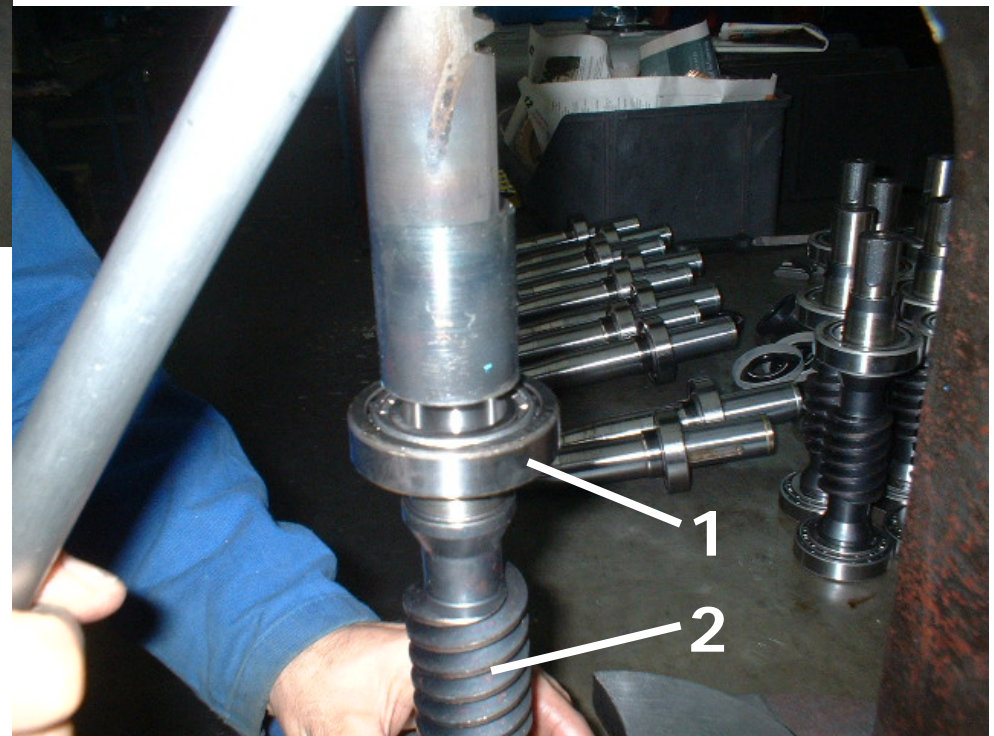
Com uma ferramenta apropriada (1) desmontar o outro Rolamento (2) do Eixo Sem-Fim (3).

## PG's - Montagem

Montar o primeiro Rolamento (1) no Eixo Sem-Fim (2).



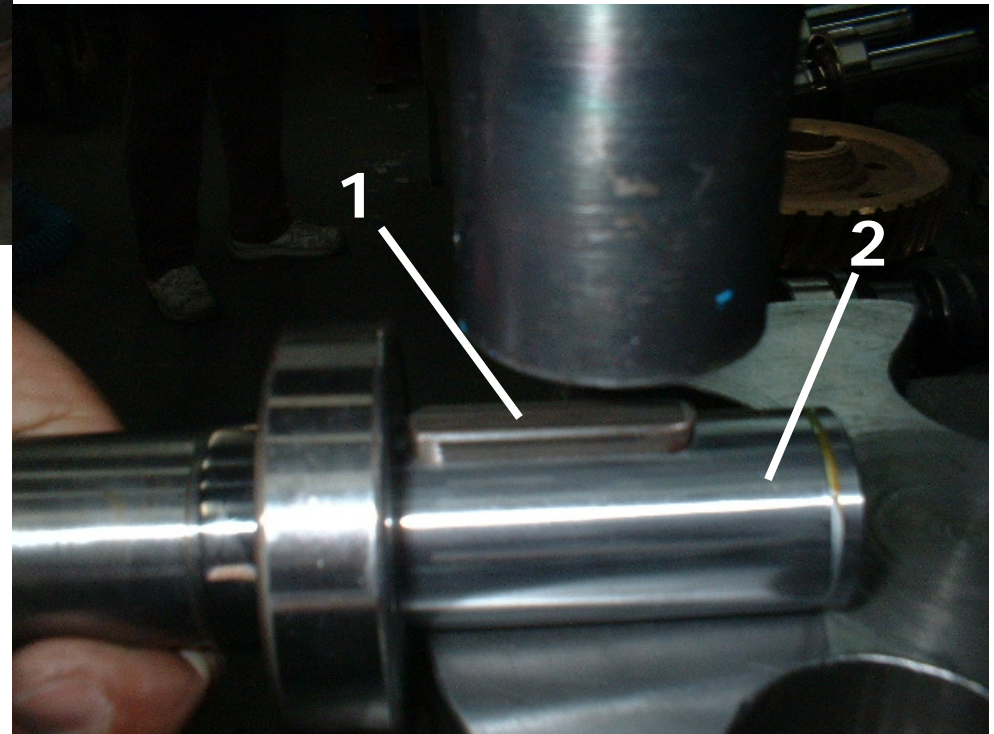
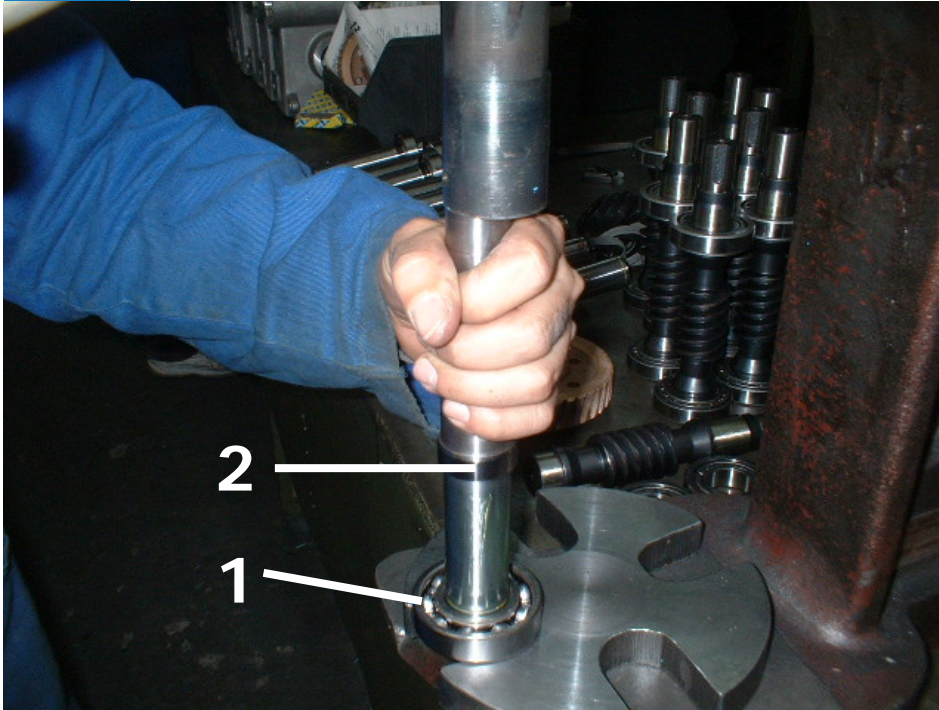
Montar o segundo Rolamento (1) no Eixo Sem-Fim (2).





## PG's - Montagem

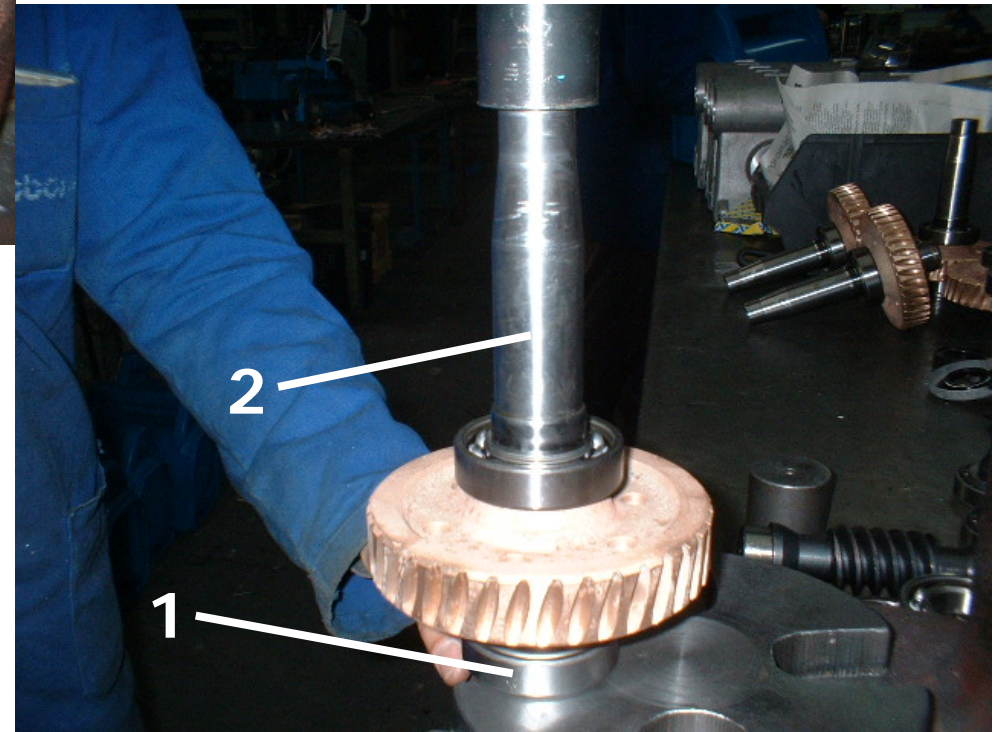
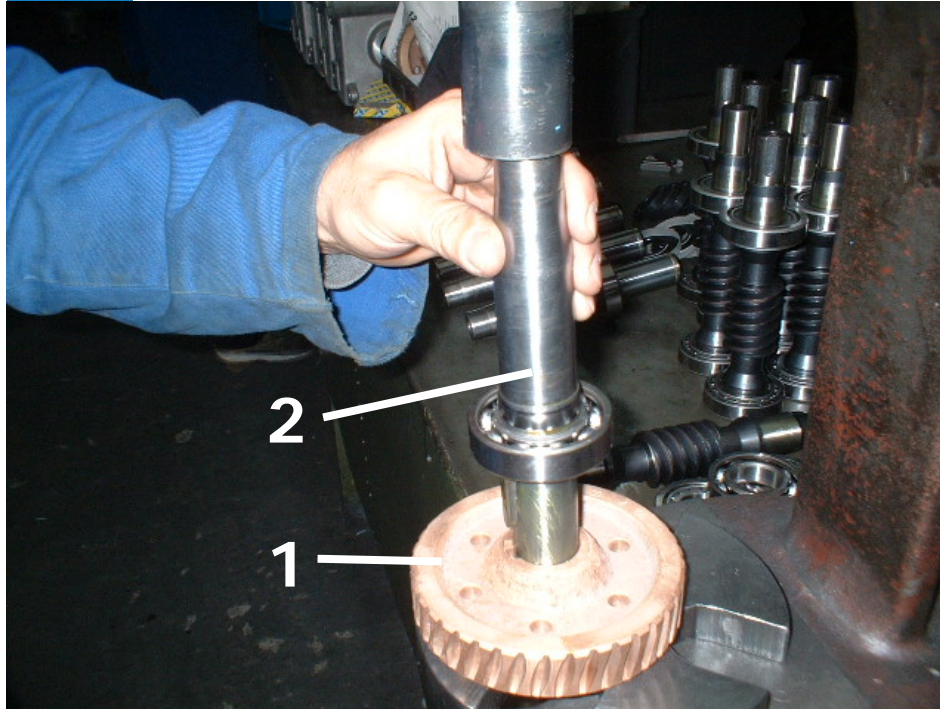
Montar o primeiro Rolamento (1) no Eixo Principal (2).



Montar a Chaveta (1)  
no Eixo Principal (2).

## PG's - Montagem

Montar a Engrenagem (1)  
no Eixo Principal (2).

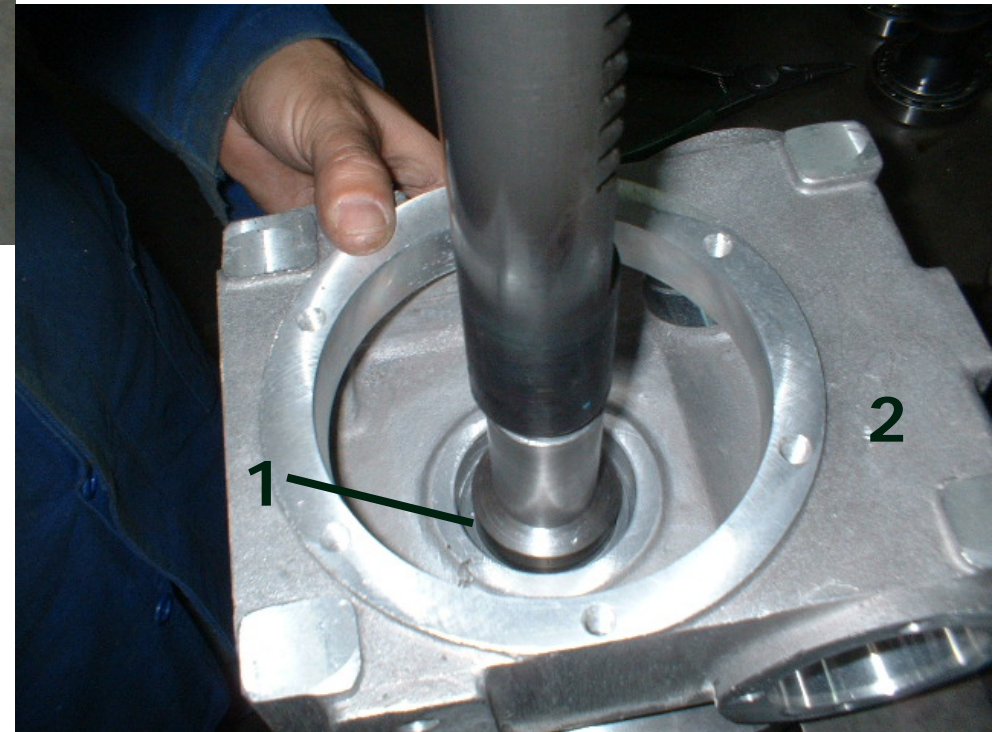
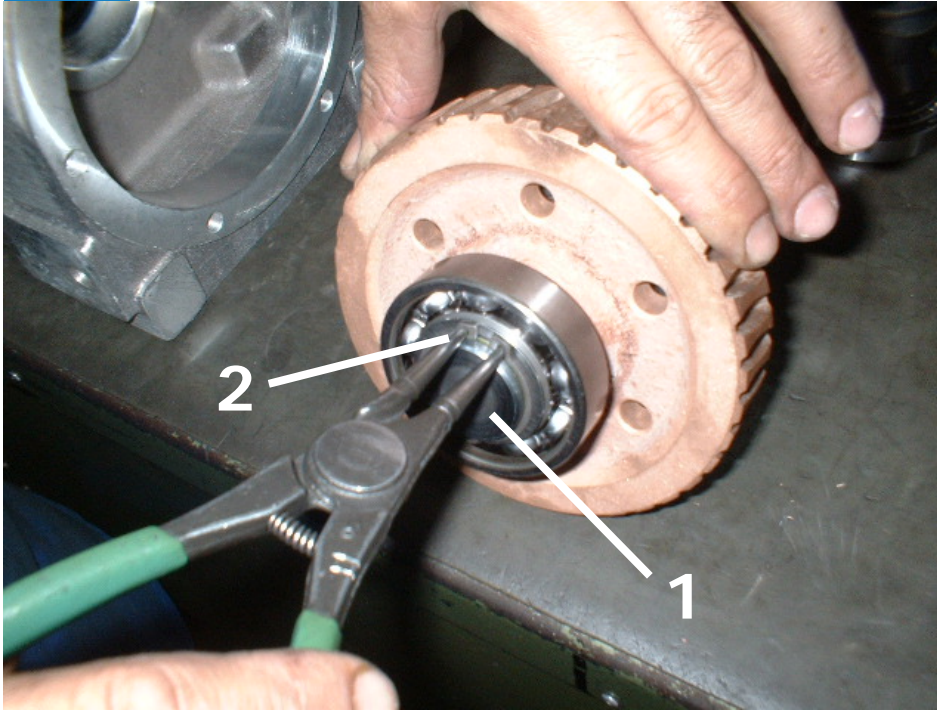


Montar o segundo Rolamento  
(1) no Eixo Principal (2).



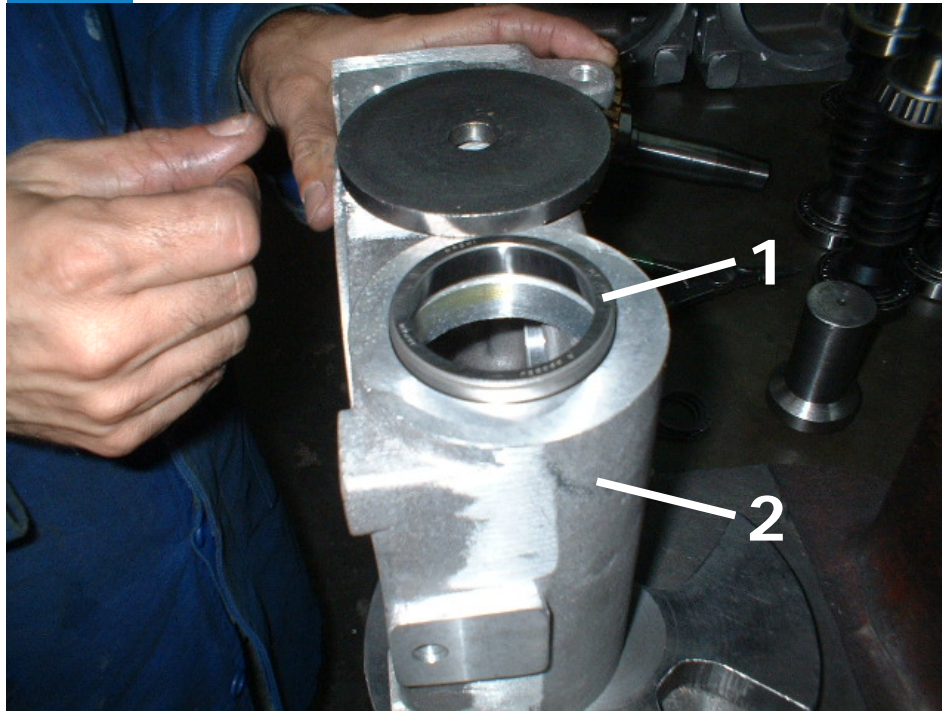
## PG's - Montagem

Fixar os Rolamentos e a Engrenagem no Eixo Principal (1) com o Anel Elástico (2).



Montar o Retentor (1) na parte inferior da Carcaça (2).

## PG's - Montagem



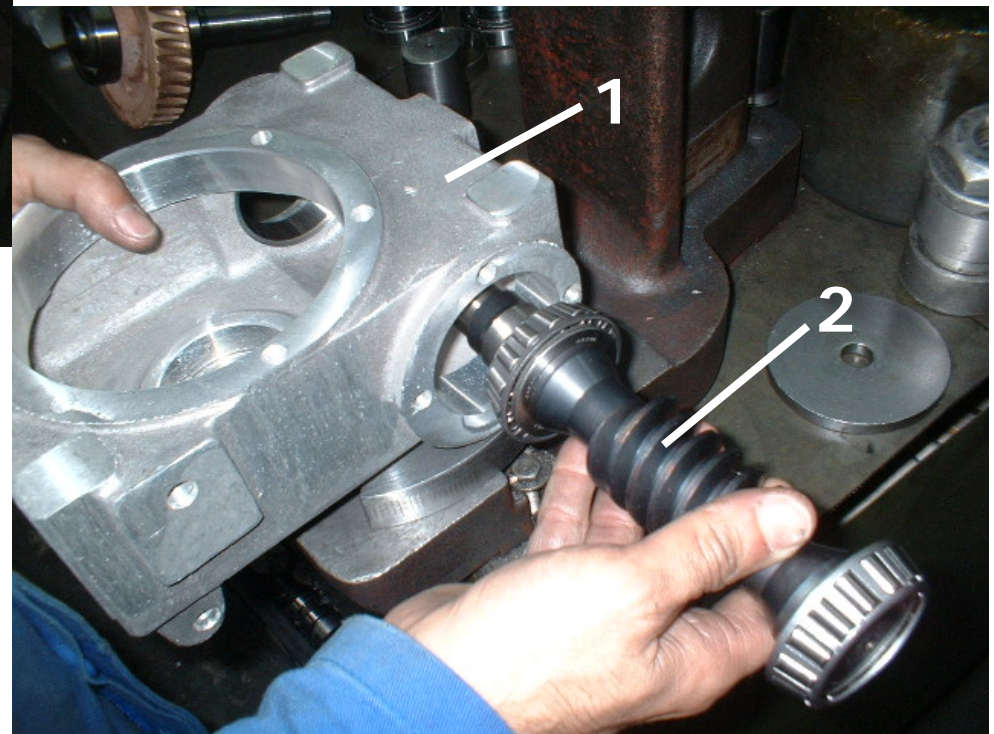
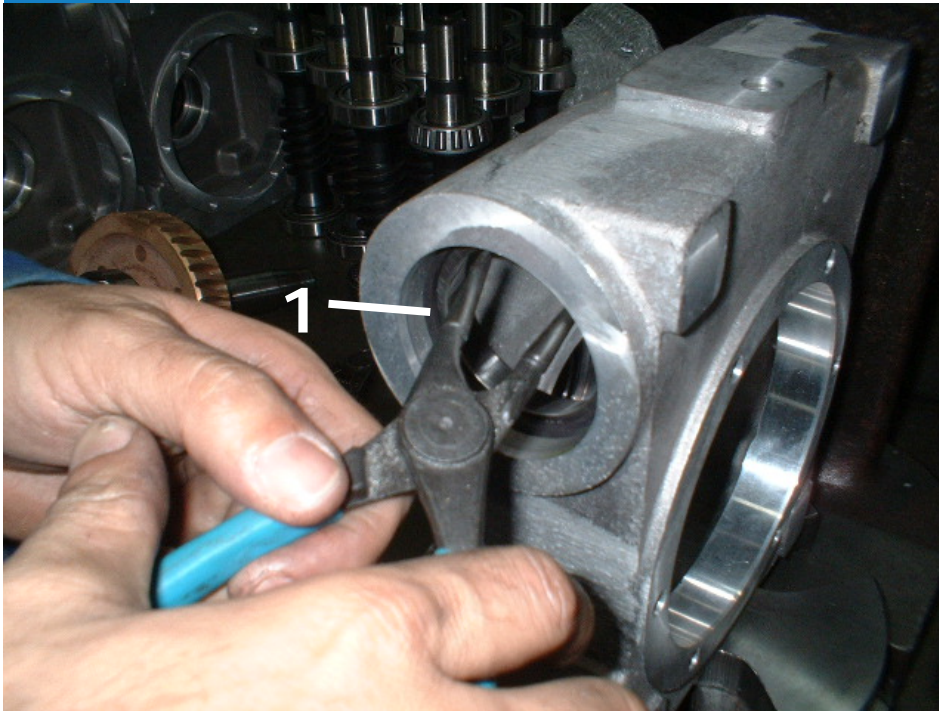
Conforme demonstrado, montar a pista externa do Rolamento (1) na Carcaça (2).





## PG´s - Montagem

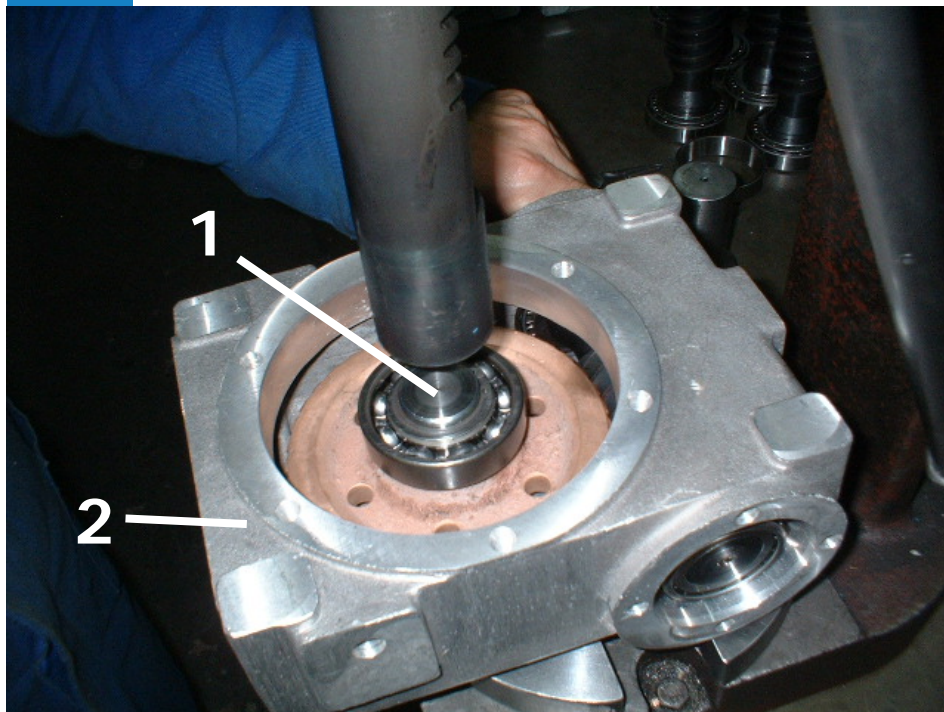
Fixar a pista externa do Rolamento com o Anel Elástico (1).



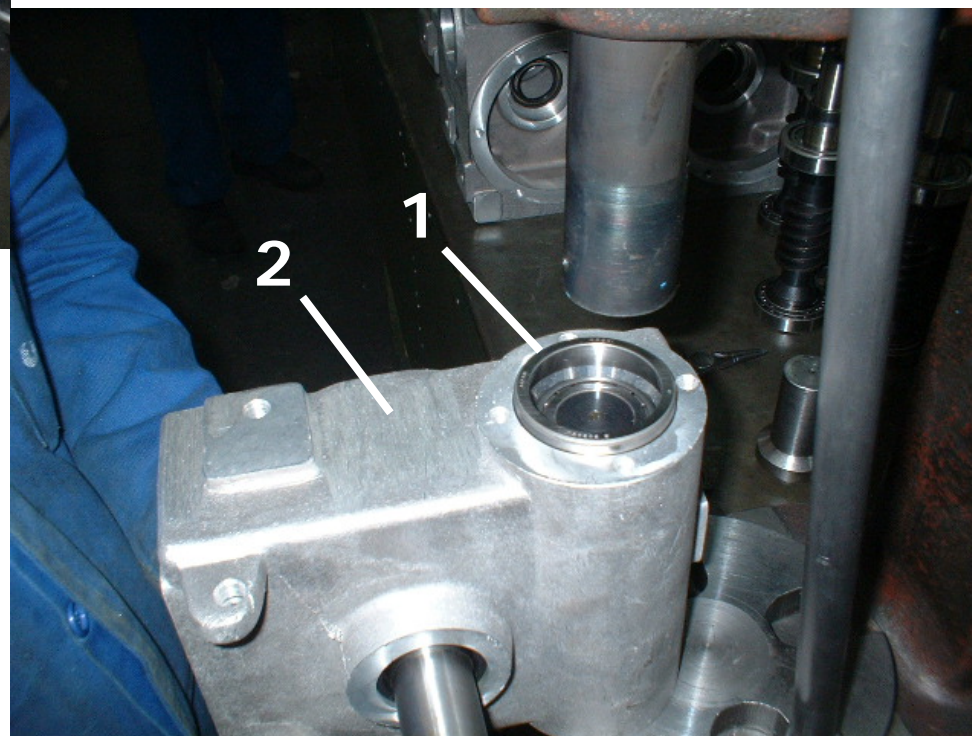
Pelo lado oposto encaixar na Carcaça (1) o Eixo Sem-Fim com os dois Rolamentos (2).

## PG's - Montagem

Montar o Eixo Principal (1)  
na Carcaça (2).



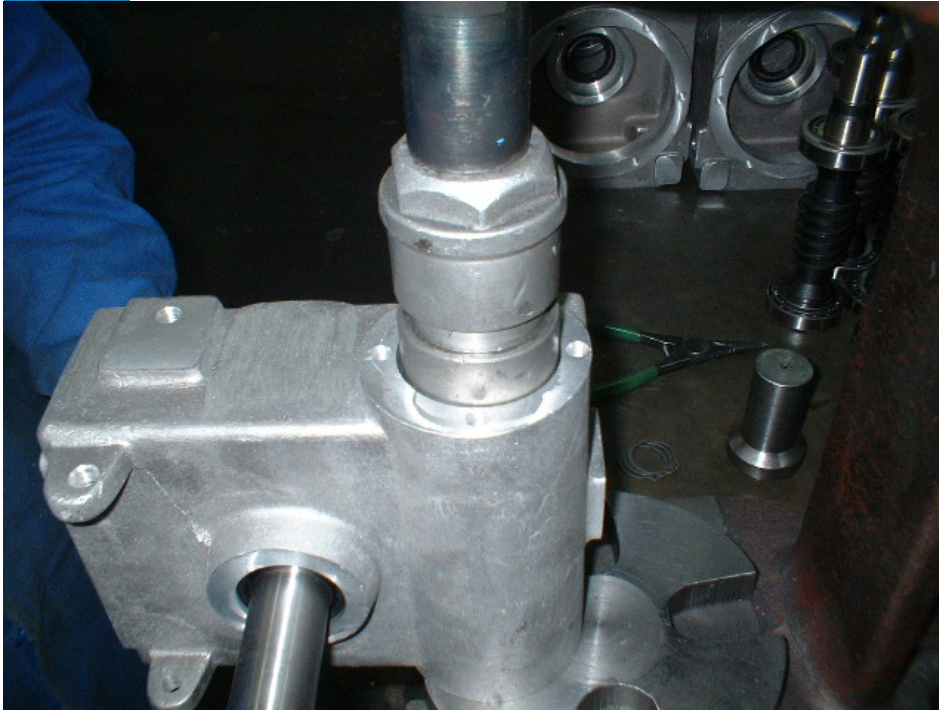
Montar a pista externa do  
Rolamento do Eixo Sem-Fim (1)  
na Lateral da Carcaça (2).



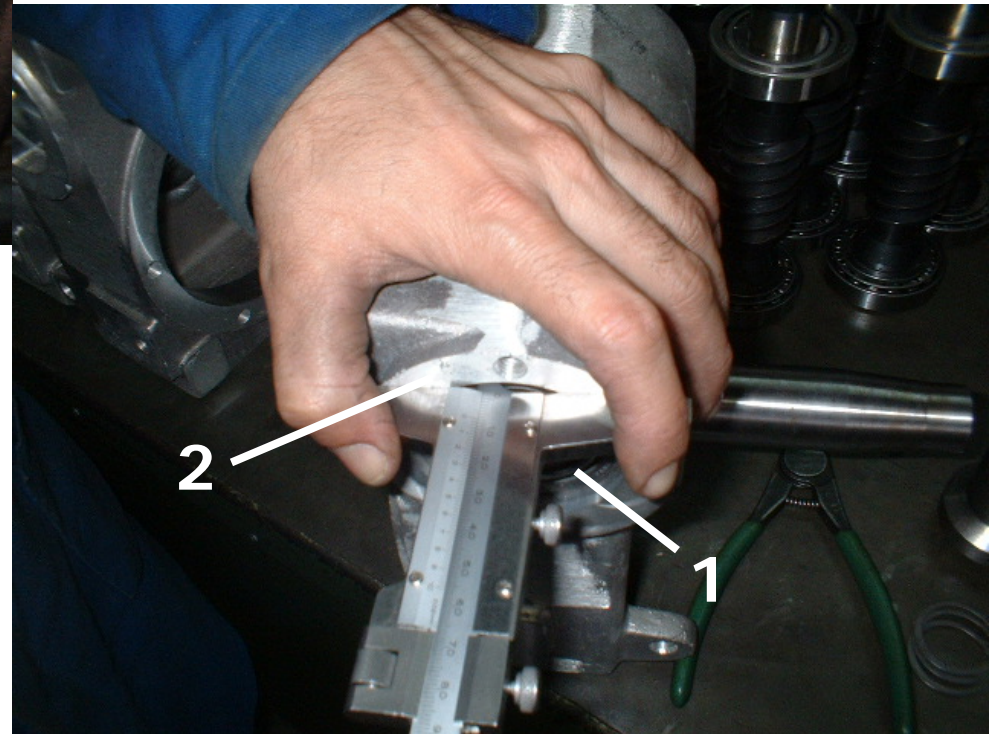


## PG's - Montagem

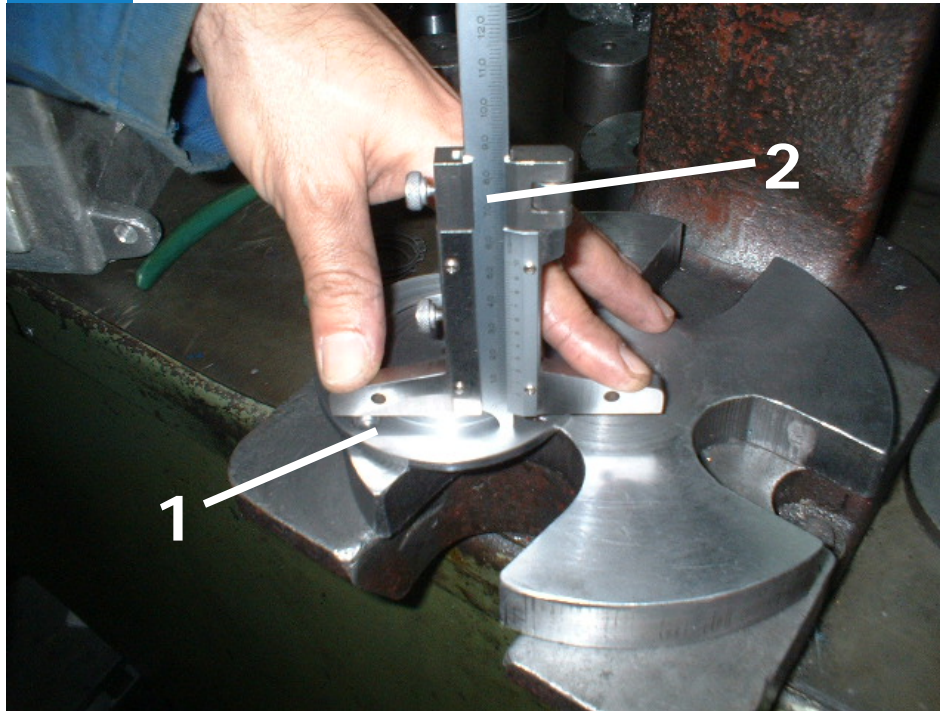
Eliminar a folga axial do Eixo Sem-Fim.



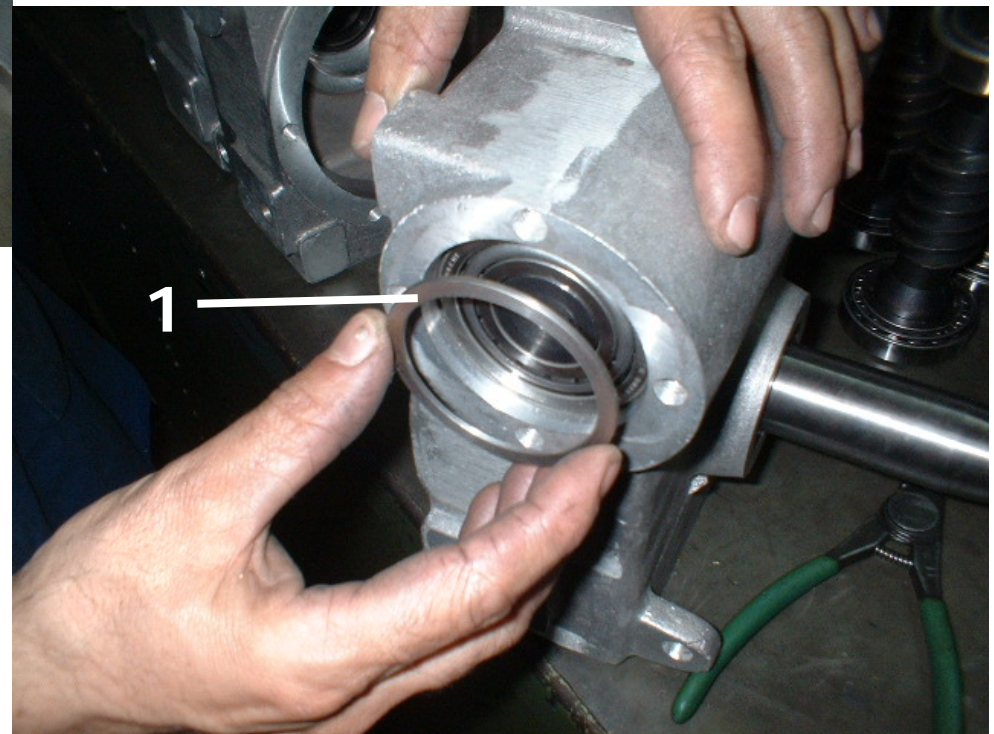
Medir a altura entre a Carcaça (2) e a Pista Externa do Rolamento (1).



## PG's - Montagem



Medir a altura da Tampa (1) utilizando um Paquímetro de Profundidade (2) assim como demonstrado na foto.

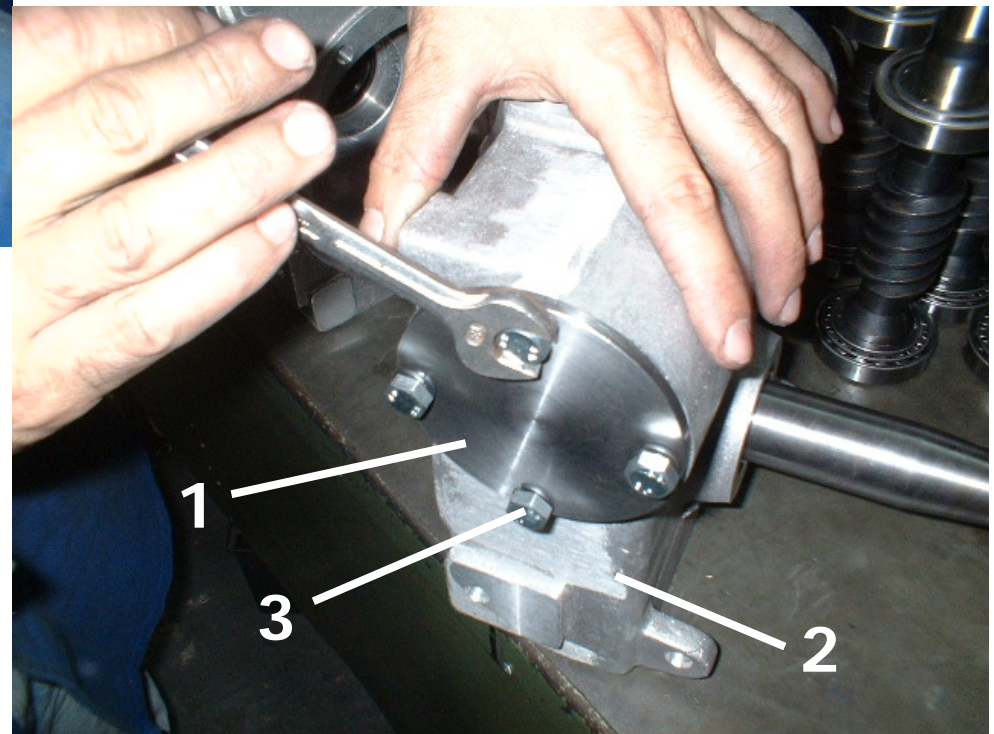
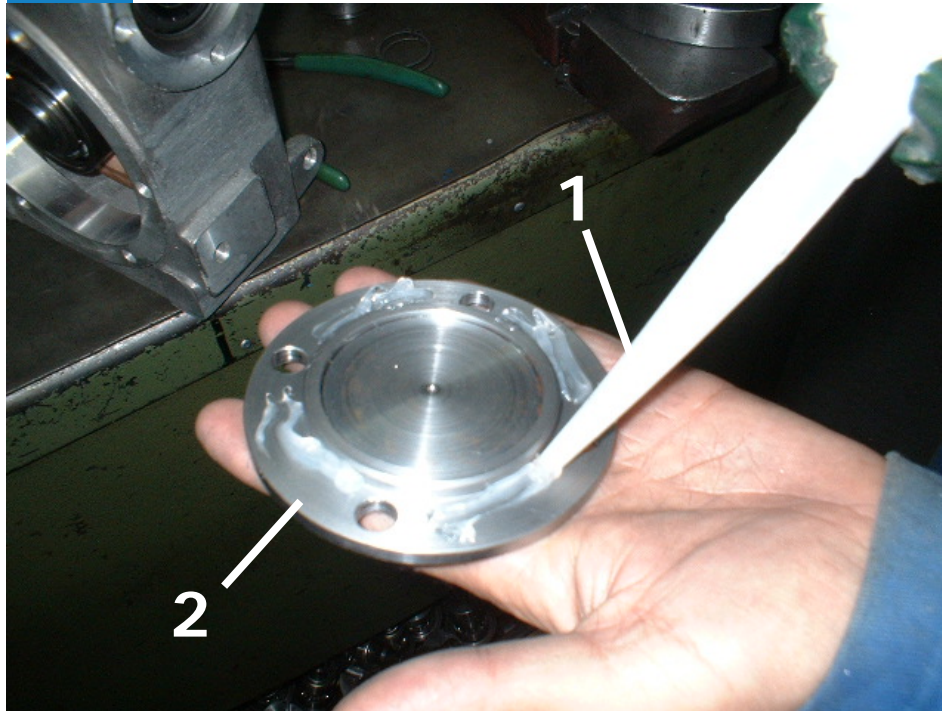


Eliminar a Folga Axial utilizando os Anéis de Afastamento (1).



PG's - Montagem

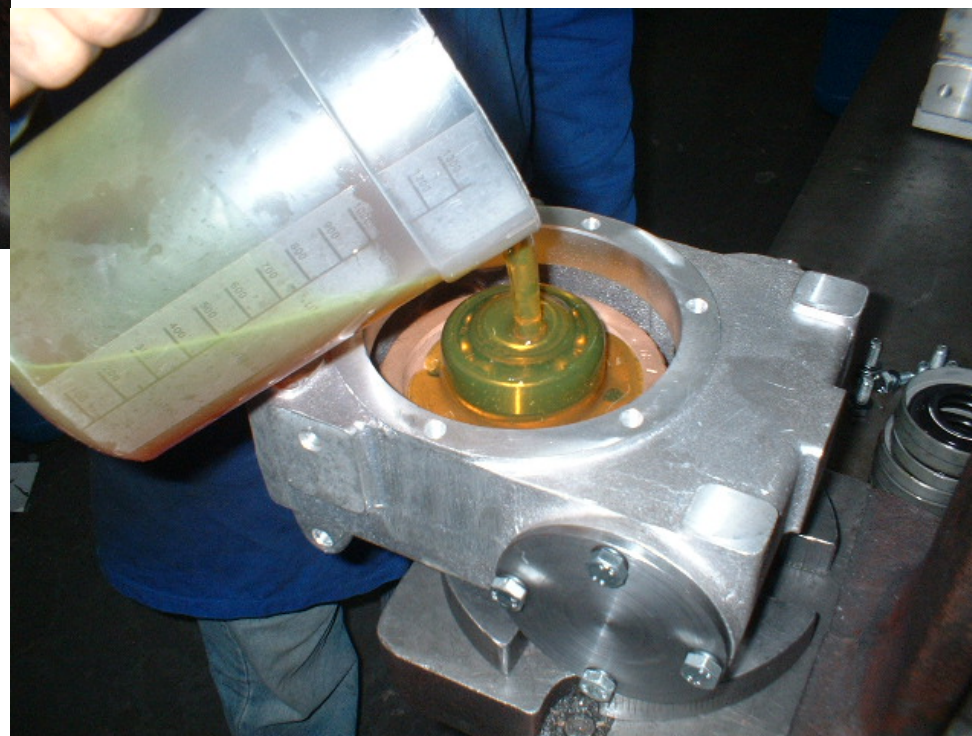
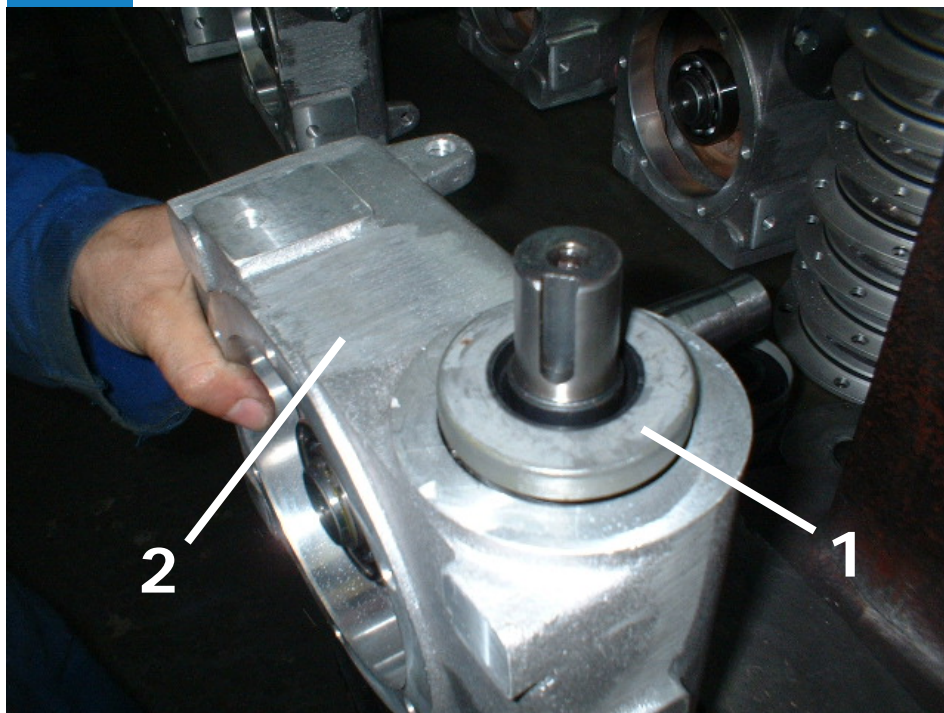
Passar Silicone (1) na Tampa (2).



Fixar a Tampa (1) na Carcaça (2) com os 4 Parafusos (3).

## PG´s - Montagem

Montar o Retentor (1) na lateral da Carcaça (2).

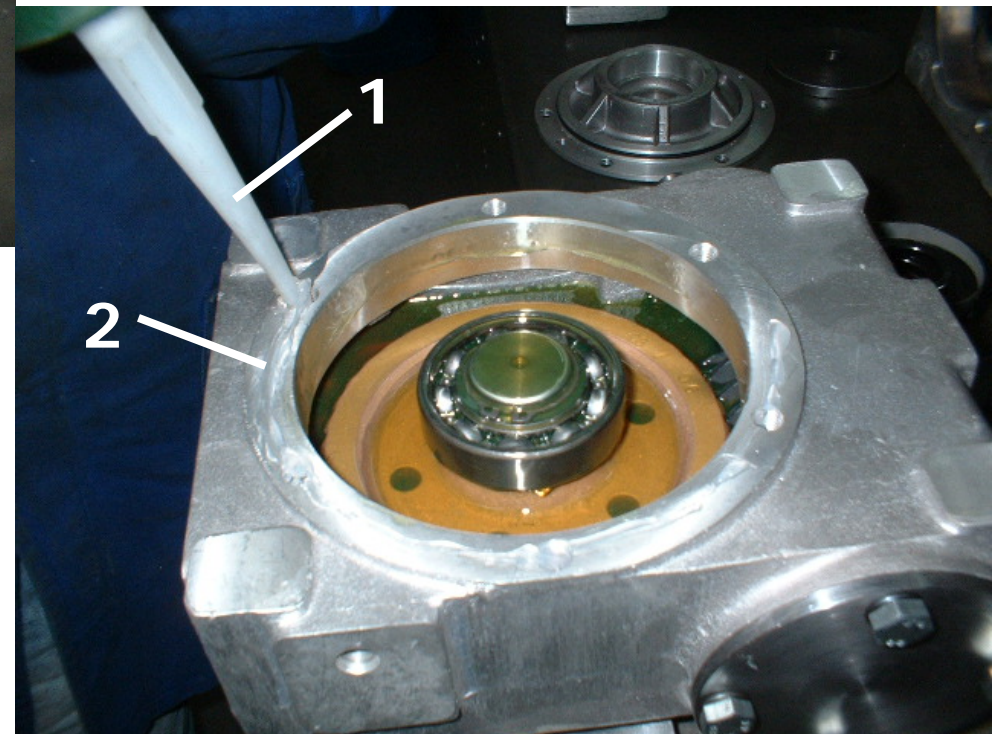
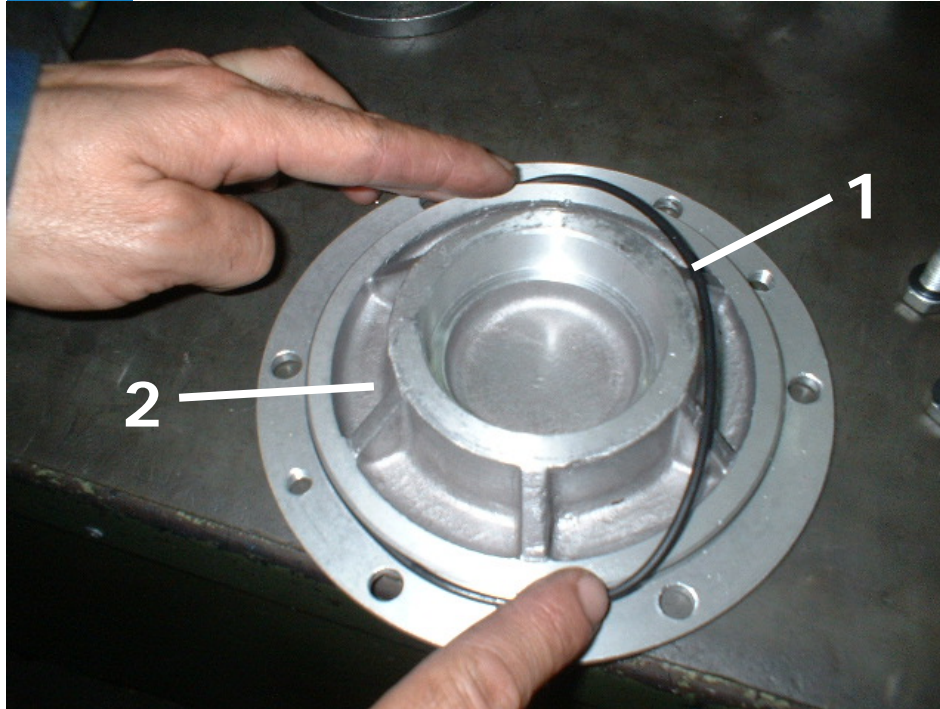


Colocar o óleo assim como especificado no Manual de Operação e Manutenção.



## PG's - Montagem

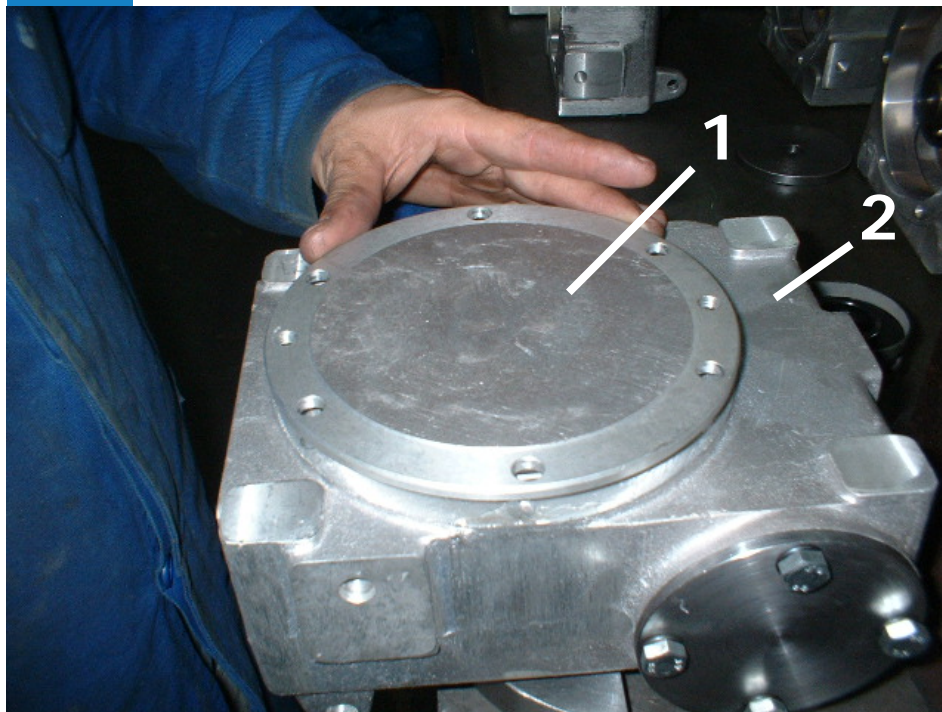
Montar o Anel O'Ring (1)  
na Tampa Grande (2).



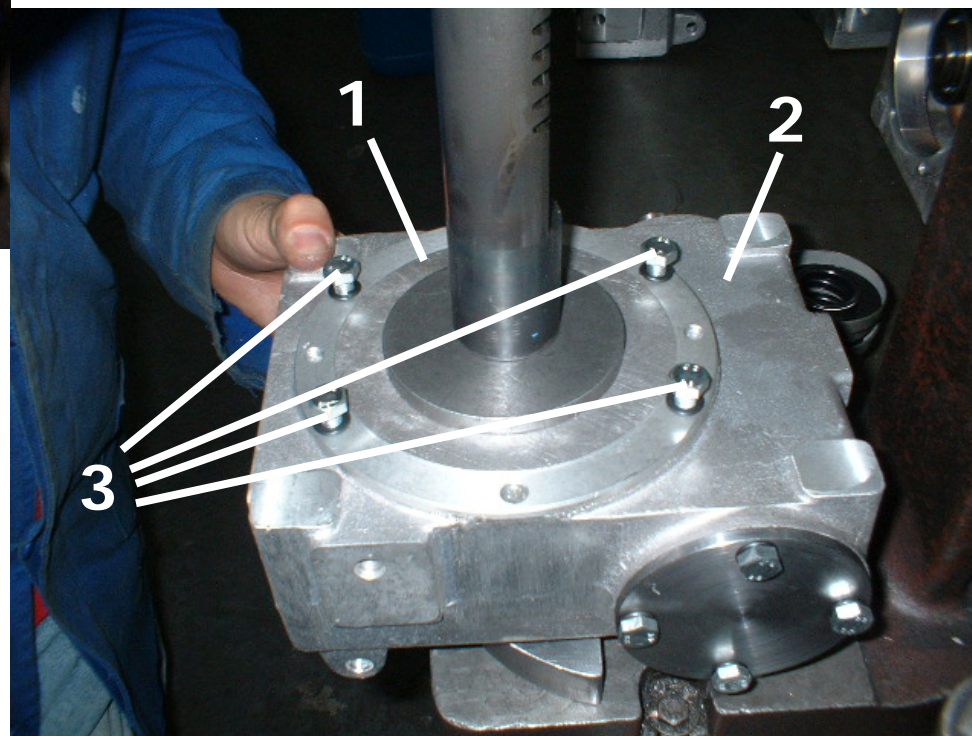
Passar Silicone (1)  
na Carcaça (2).

## PG's - Montagem

Encaixar a Tampa Grande (1)  
na Carcaça (2).



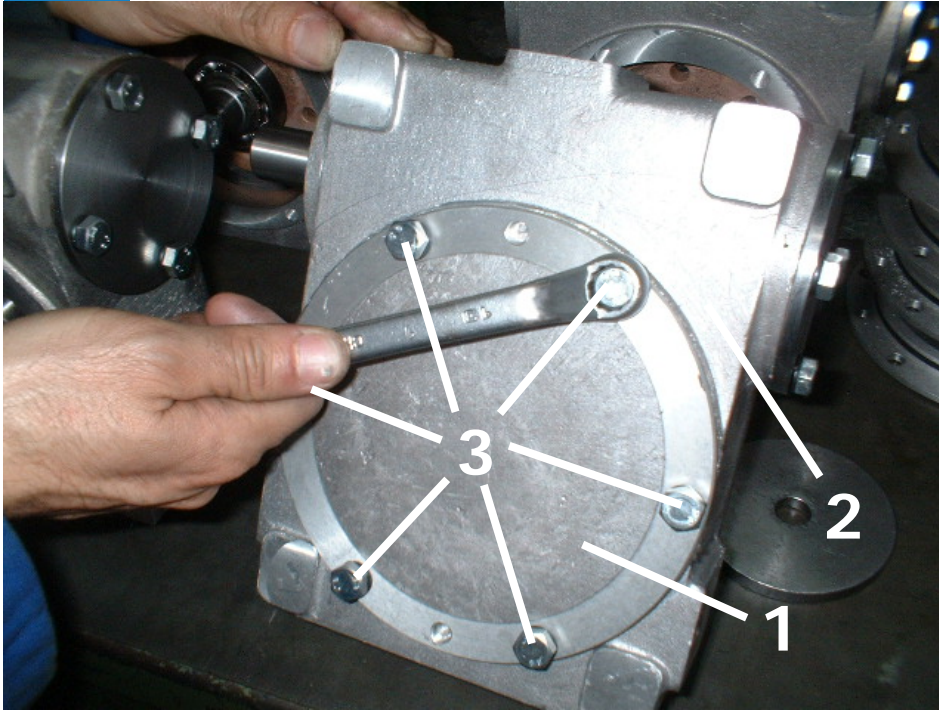
Guiar a Tampa Grande (1) na  
Carcaça (2) com os 4 Parafusos  
(3). Pressionar a Tampa até o  
encaixe completo na Carcaça.



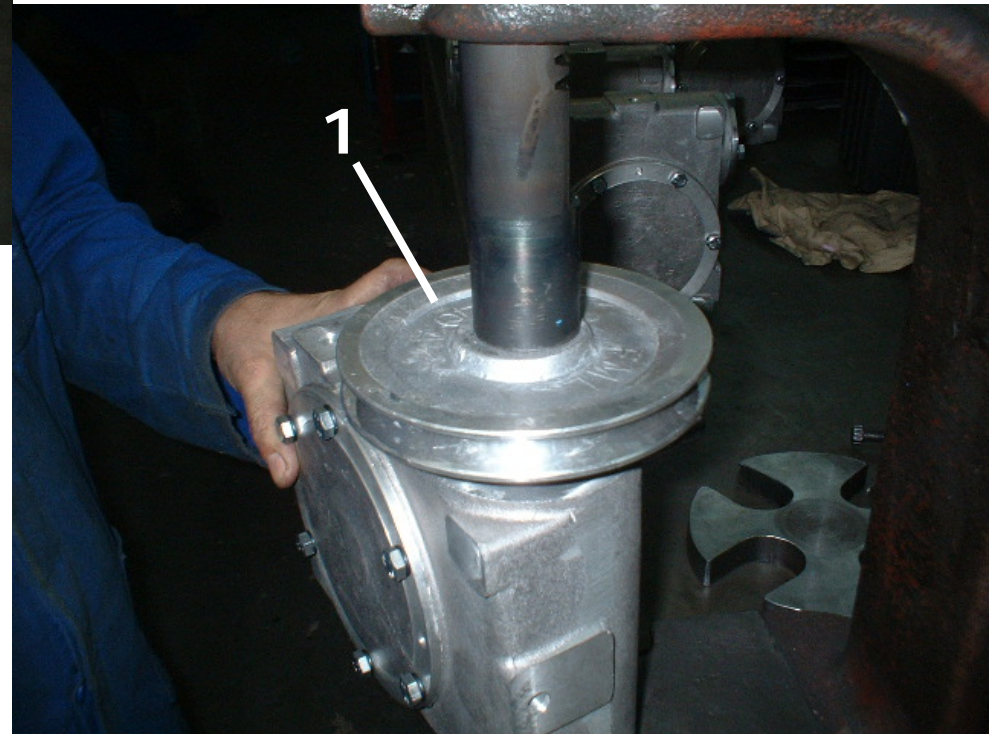


## PG's - Montagem

Fixar a Tampa Grande (1) na Carcaça (2) com os 6 Parafusos (3).

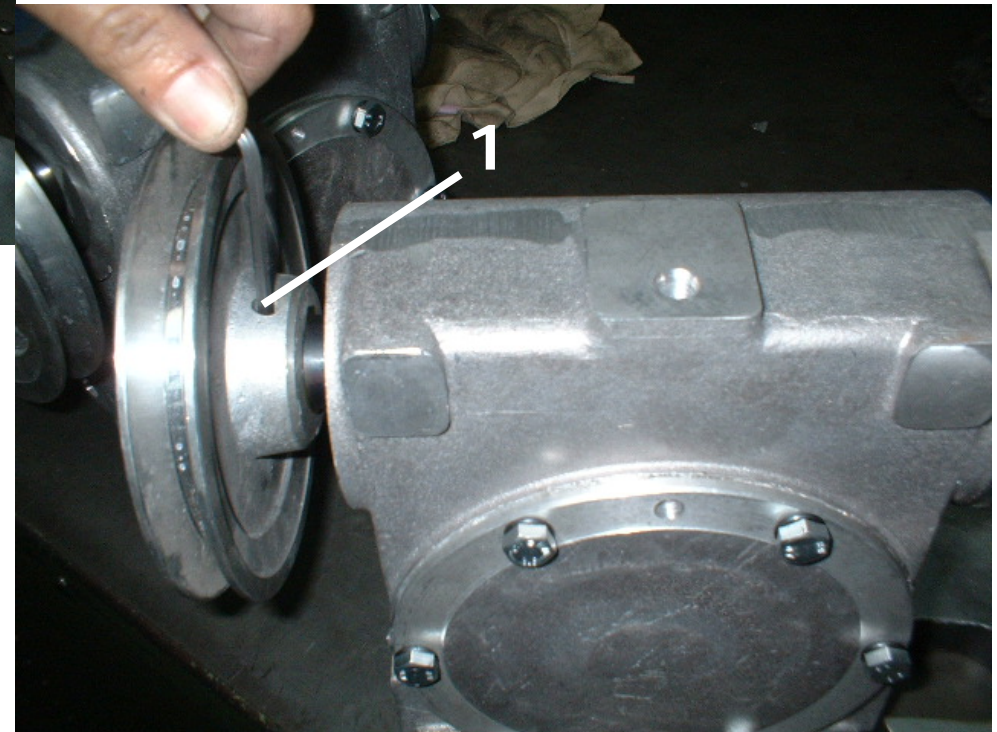
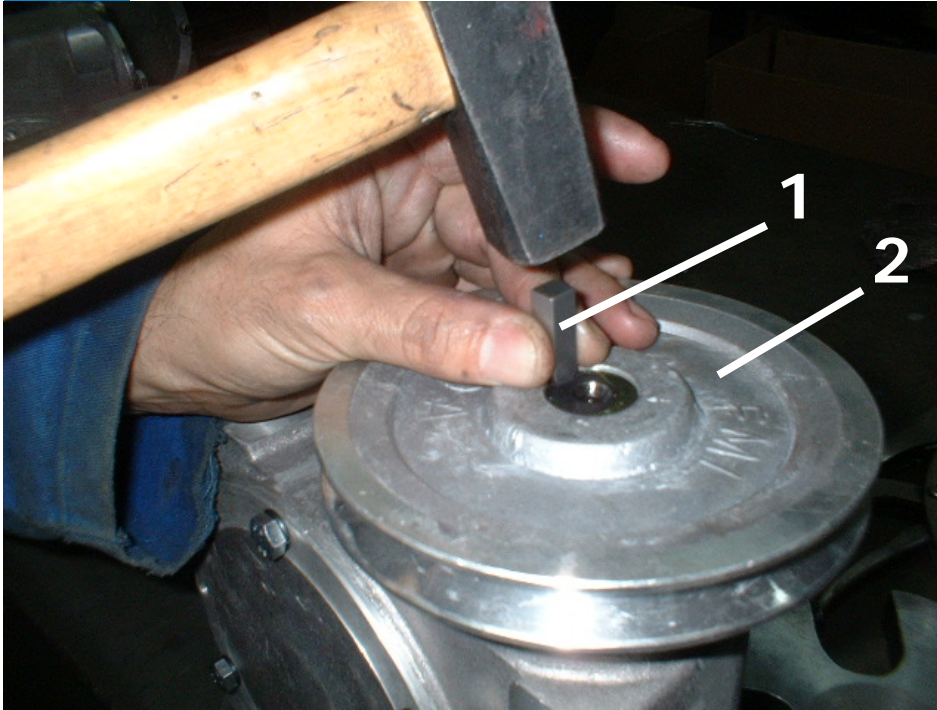


Montar a Polia (1) na ponta do Eixo Sem-Fim.



## PG´s - Montagem

Montar a Chaveta (1) na Polia (2).



Apertar o Parafuso de Fixação da Polia (1).



