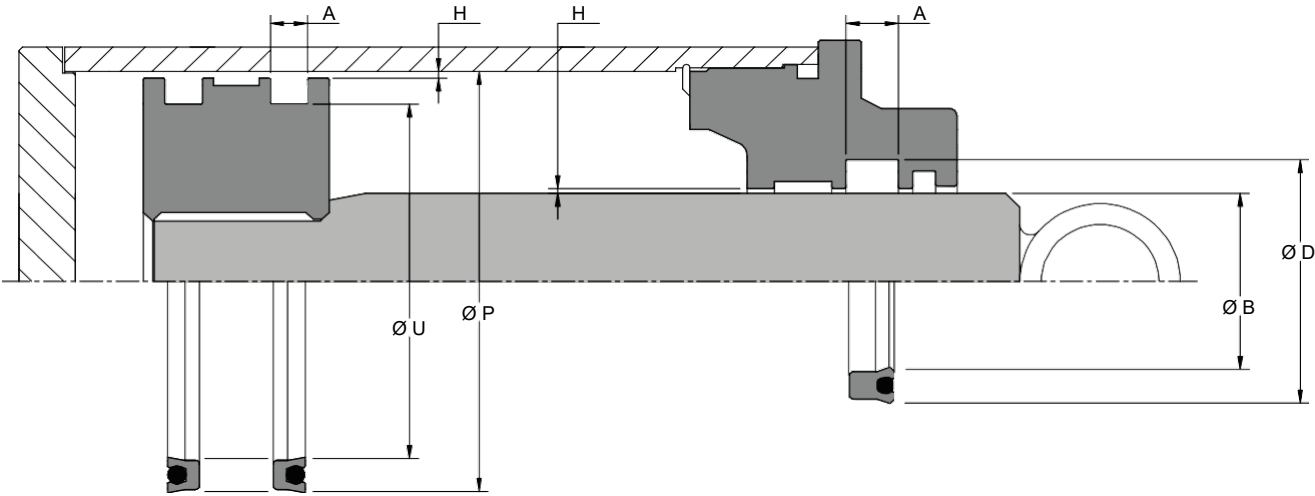


TOLERÂNCIAS RECOMENDADAS PARA USINAGEM DOS CANAIS PARA ALOJAMENTO DE GAXETAS

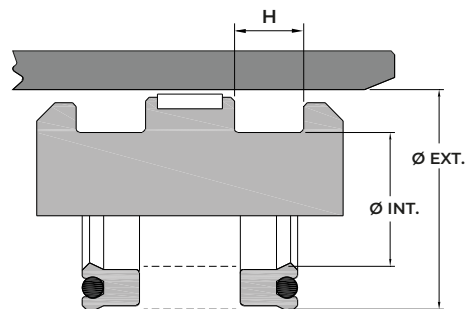
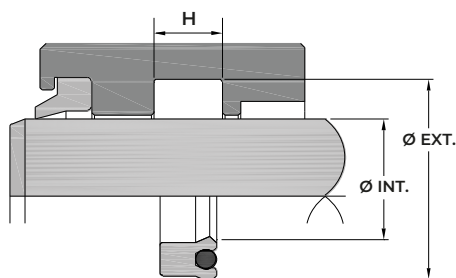


TOLERÂNCIAS RECOMENDÁVEIS				
SEÇÃO NOMINAL DA GAXETA	HASTE " B "	CAMISA " P "	CANAL DO EMBOLO " U "	CANAL DA GUIA" D "
1/8 "	+0 A -0,025	+0,05 A 0	+0 A -0,05	+0,05 A 0
3/16 "	+0 A -0,05	+0,05 A 0	+0 A -0,05	+0,05 A 0
1/4 "	+0 A -0,05	+0,07 A 0	+0 A -0,07	+0,07 A 0
5/16 "	+0 A -0,05	+0,07 A 0	+0 A -0,10	+0,10 A 0
3/8 "	+0 A -0,05	+0 A -0,05	+0 A -0,12	+0,12 A 0
1/2 "	+0 A -0,07	0,10 A 0	+0 A -0,17	+0,17 A 0
5/8 "	+0 A -0,07	+0,15 A 0	+0 A -0,22	+0,22 A 0
3/4 "	+0 A -0,10	+0,17 A 0	+0 A -0,28	+0,28 A 0
1 "	+0 A -0,12	+0,32 A 0	+0 A -0,38	+0,38 A 0

DIMENSÕES DO CANAL	
ALTURA DA GAXETA	DIMENSÃO " A "
1/8 "	3,5
3/16 "	5,26
1/4 "	7,00
5/16 "	8,74
3/8 "	10,50
1/2 "	14,00
5/8 "	17,50
3/4 "	21,00
1 "	28,00

TIPO B

TABELA DE GAXETAS MEDIDAS NOMINAIS POLEGADAS

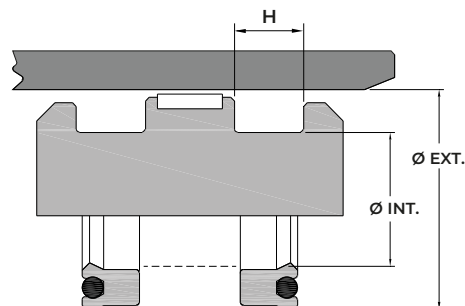
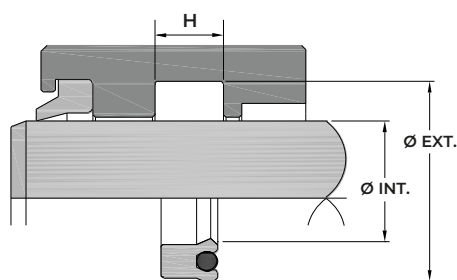


Código	Ø INT.	Ø EXT.	H
12500250250	1/4	1/2	1/4
18700250250	1/4	5/8	1/4
18700250312	1/4	5/8	5/16
12500312250	5/16	9/16	1/4
18700312312	5/16	11/16	5/16
12500375250	3/8	5/8	1/4
18700375312	3/8	3/4	5/16
12500437250	7/16	11/16	1/4
12500500250	1/2	3/4	1/4
18700500312	1/2	7/8	5/16
25000500375	1/2	1	3/8
12500562250	9/16	13/16	1/4
25000562375	9/16	1 1/16	3/8
12500625250	5/8	7/8	1/4
18700625250	5/8	1	1/4
18700625312	5/8	1	5/16
31200625500	5/8	1 1/4	1/2
37500625625	5/8	1 3/8	5/8
18700687312	11/16	1 1/16	5/16
12500750185	3/4	1	3/16
12500750250	3/4	1	1/4
18700750312	3/4	1 1/8	5/16
25000750375	3/4	1 1/4	3/8
31200750500	3/4	1 3/8	1/2
12500815250	13/16	1 1/16	1/4
18700812312	13/16	1 3/16	5/16
18700812187	13/16	1 13/16	3/16
12500875250	7/8	1 1/8	1/4
18700875250	7/8	1 1/4	1/4
18700875312	7/8	1 1/4	5/16
25000875375	7/8	1 3/8	3/8
31200875500	7/8	1 1/2	1/2
37500875625	7/8	1 5/8	5/8
12501000187	1	1 1/4	3/16
12501000250	1	1 1/4	1/4
18701000312	1	1 3/8	5/16
25001000375	1	1 1/2	3/8
31201000500	1	1 5/8	1/2
37501000625	1	1 3/4	5/8
12501062250	1 1/16	1 5/16	1/4
18701062250	1 1/16	1 7/16	1/4
18701625375	1 5/8	2	3/8
25001625375	1 5/8	2 1/8	3/8

Código	Ø INT.	Ø EXT.	H
31201625500	1 5/8	2 1/4	1/2
37501625625	1 5/8	2 3/8	5/8
1250175018	1 3/4	2	3/16
18701750250	1 3/4	2 1/8	1/4
18701750312	1 3/4	2 1/8	5/16
18701750375	1 3/4	2 1/8	3/8
25001750250	1 3/4	2 1/4	1/4
25001750375	1 3/4	2 1/4	3/8
31201750500	1 3/4	2 3/8	1/2
37501750625	1 3/4	2 1/2	5/8
18701812375	1 13/16	2 3/16	3/8
18701875375	1 7/8	2 1/4	3/8
25001875375	1 7/8	2 3/8	3/8
31201875500	1 7/8	2 1/2	1/2
37501875625	1 7/8	2 5/8	5/8
18702000375	2	2 3/8	3/8
25002000375	2	2 1/2	3/8
31202000500	2	2 5/8	1/2
37502000625	2	2 3/4	5/8
18702125375	2 1/8	2 1/2	3/8
25002125375	2 1/8	2 5/8	3/8
31202125375	2 1/8	2 3/4	3/8
31202125500	2 1/8	2 3/4	1/2
37502125625	2 1/8	2 7/8	5/8
18702250375	2 1/4	2 5/8	3/8
25002250250	2 1/4	2 3/4	1/4
25002250375	2 1/4	2 3/4	3/8
31202250500	2 1/4	2 7/8	1/2
37502250375	2 1/4	3	3/8
37502250625	2 1/4	3	5/8
18702375375	2 3/8	2 3/4	3/8
18702375500	2 3/8	2 3/4	1/2
25002375250	2 3/8	2 7/8	1/4
25002375375	2 3/8	2 7/8	3/8
31202375500	2 3/8	3	1/2
37502375375	2 3/8	3 1/8	3/8
37502375625	2 3/8	3 1/8	5/8
18702500375	2 1/2	2 7/8	3/8
25002500375	2 1/2	3	3/8
25003375375	3 3/8	3 7/8	3/8
31203375375	3 3/8	4	3/8
31203375500	3 3/8	4	1/2
37503375625	3 3/8	4 1/8	5/8

TIPO B

TABELA DE GAXETAS MEDIDAS NOMINAIS POLEGADAS

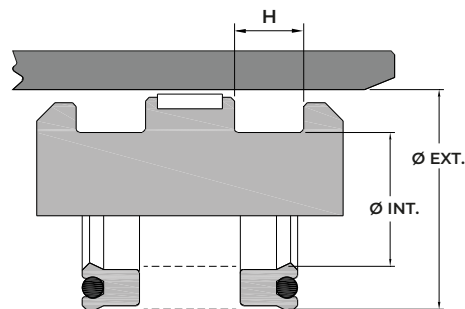
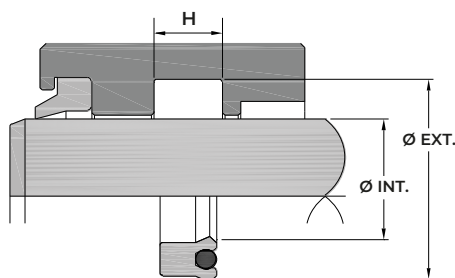


Código	Ø INT.	Ø EXT.	H
18703500375	3 1/2	3 7/8	3/8
25003500375	3 1/2	4	3/8
31203500500	3 1/2	4 1/8	1/2
37503500625	3 1/2	4 1/4	5/8
50003500750	3 1/2	4 1/2	3/4
18703625375	3 5/8	4	3/8
25003625375	3 5/8	4 1/8	3/8
25003625500	3 5/8	4 1/8	1/2
25003625562	3 5/8	4 1/8	9/16
25003625590	3 5/8	4 1/8	19/32
31203625500	3 5/8	4 1/4	1/2
37503625562	3 5/8	4 3/8	9/16
37503625590	3 5/8	4 3/8	19/32
37503625625	3 5/8	4 3/8	5/8
18703750375	3 3/4	4 1/8	3/8
25003750375	3 3/4	4 1/4	3/8
25003750500	3 3/4	4 1/4	1/2
25003750562	3 3/4	4 1/4	9/16
31203750500	3 3/4	4 3/8	1/2
37503750625	3 3/4	4 1/2	5/8
50003750750	3 3/4	4 3/4	3/4
18703875375	3 7/8	4 1/4	3/8
25003875375	3 7/8	4 3/8	3/8
31203875500	3 7/8	4 1/2	1/2
37503875625	3 7/8	4 5/8	5/8
18704000375	4	4 3/8	3/8
18704000500	4	4 3/8	1/2
25004000375	4	4 1/2	3/8
25004000562	4	4 1/2	9/16
31204000562	4	4 5/8	9/16
37504000375	4	4 3/4	3/8
37504000625	4	4 3/4	5/8
50004000500	4	5	1/2
50004000750	4	5	3/4
18704125375	4 1/8	4 1/2	3/8
25004125562	4 1/8	4 5/8	9/16
31204125562	4 1/8	4 3/4	9/16
31205250625	5 1/4	5 7/8	5/8
37505250625	5 1/4	6	5/8
31205375625	5 3/8	6	5/8
37505375625	5 3/8	6 1/8	5/8
18705500500	5 1/2	5 7/8	1/2
25005500562	5 1/2	6	9/16

Código	Ø INT.	Ø EXT.	H
37505500625	5 1/2	6 1/4	5/8
50005500750	5 1/2	6 1/2	3/4
18705625500	5 5/8	6	1/2
37505625625	5 5/8	6 3/8	5/8
25005750562	5 3/4	6 1/4	9/16
31205750625	5 3/4	6 3/8	5/8
37505750625	5 3/4	6 1/2	5/8
50005750750	5 3/4	6 3/4	3/4
25006000562	6	6 1/2	9/16
37506000375	6	6 3/4	3/8
37506000625	6	6 3/4	5/8
37506000750	6	6 3/4	3/4
50006000750	6	7	3/4
25006250562	6 1/4	6 3/4	9/16
37506250625	6 1/4	7	5/8
625062501000	6 1/4	7 1/2	1
37506375625	6 3/8	7 1/8	5/8
18706500500	6 1/2	6 7/8	1/2
25006500562	6 1/2	7	9/16
31206500625	6 1/2	7 1/8	5/8
37506500625	6 1/2	7 1/4	5/8
50006500750	6 1/2	7 1/2	3/4
25006750562	6 3/4	7 1/4	9/16
31206750625	6 3/4	7 3/8	5/8
37506750625	6 3/4	7 1/2	5/8
50006750750	6 3/4	7 3/4	3/4
37507000625	7	7 3/4	5/8
50007000750	7	8	3/4
25007250562	7 1/4	7 3/4	9/16
37507250625	7 1/4	8	5/8
625072501000	7 1/4	8 1/2	1
18707375500	7 3/8	7 3/4	1/2
25007500562	7 1/2	8	9/16
31207500625	7 1/2	8 1/8	5/8
37507500625	7 1/2	8 1/4	5/8
18701062312	11/16	1 7/16	5/16
12501125157	1 1/8	1 3/8	5/32
12501125187	1 1/8	1 3/8	3/16
12501125204	1 1/8	1 3/8	13/64
12501125250	1 1/8	1 3/8	1/4
18701125312	1 1/8	1 1/2	5/16
25001125375	1 1/8	1 5/8	3/8
31201125500	1 1/8	1 3/4	1/2

TIPO B

TABELA DE GAXETAS MEDIDAS NOMINAIS POLEGADAS

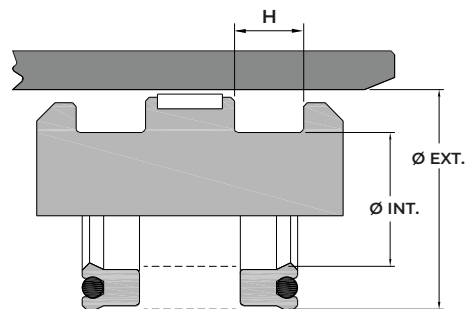
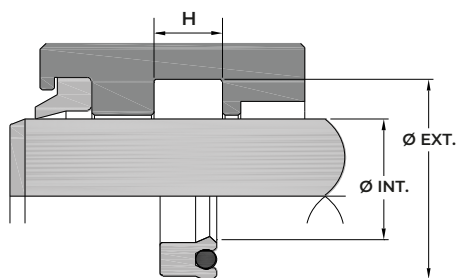


Código	Ø INT.	Ø EXT.	H
37501125625	1 1/8	1 7/8	5/8
18701187312	1 3/16	1 9/16	5/16
25001187312	1 3/16	1 11/16	5/16
25001187375	1 3/16	1 11/16	3/8
12501250250	1 1/4	1 1/2	1/4
12501250312	1 1/4	1 1/2	5/16
18701250312	1 1/4	1 5/8	5/16
18701250375	1 1/4	1 5/8	3/8
25001250312	1 1/4	1 3/4	5/16
25001250375	1 1/4	1 3/4	3/8
31201250500	1 1/4	1 7/8	1/2
37501250625	1 1/4	2	5/8
18701312312	1 5/16	1 11/16	5/16
25001312375	1 5/16	1 13/16	3/8
12501375250	1 3/8	1 5/8	1/4
18701375250	1 3/8	1 3/4	1/4
18701375312	1 3/8	1 3/4	5/16
18701375375	1 3/8	1 3/4	3/8
25001375375	1 3/8	1 7/8	3/8
31201375500	1 3/8	2	1/2
37501375625	1 3/8	2 1/8	5/8
18701437312	1 7/16	1 13/16	5/16
18701437375	1 7/16	1 13/16	3/8
31201437500	1 7/16	2 1/16	1/2
12501500250	1 1/2	1 3/4	1/4
18701500312	1 1/2	1 7/8	5/16
18701500375	1 1/2	1 7/8	3/8
25001500312	1 1/2	2	5/16
25001500375	1 1/2	2	3/8
31201500500	1 1/2	2 1/8	1/2
37501500625	1 1/2	2 1/4	5/8
50001500750	1 1/2	2 1/2	3/4
18701625312	1 5/8	2	5/16
31202500500	2 1/2	3 1/8	1/2
37502500375	2 1/2	3 1/4	3/8
37502500625	2 1/2	3 1/4	5/8
25002562375	2 9/16	3	3/8
18702625375	2 5/8	3	3/8
25002625375	2 5/8	3 1/8	3/8
31202625500	2 5/8	3 1/4	1/2
37502625625	2 5/8	3 3/8	5/8
18702750375	2 3/4	3 1/8	3/8
25002750375	2 3/4	3 1/4	3/8

Código	Ø INT.	Ø EXT.	H
31202750500	2 3/4	3 3/8	1/2
31202750625	2 3/4	3 3/8	5/8
37502750625	2 3/4	3 1/2	5/8
18702875375	2 7/8	3 1/4	3/8
25002875375	2 7/8	3 3/8	3/8
25002875500	2 7/8	3 3/8	1/2
31202875500	2 7/8	3 1/2	1/2
37502875625	2 7/8	3 5/8	5/8
18703000375	3	3 3/8	3/8
25003000375	3	3 1/2	3/8
31203000500	3	3 5/8	1/2
37503000500	3	3 3/4	1/2
37503000625	3	3 3/4	5/8
50003000562	3	4	9/16
50003000625	3	4	5/8
50003000750	3	4	3/4
18703125375	3 1/8	3 1/2	3/8
18703125500	3 1/8	3 1/2	1/2
25003125375	3 1/8	3 5/8	3/8
25003125500	3 1/8	3 5/8	1/2
31203125500	3 1/8	3 3/4	1/2
37503125625	3 1/8	3 7/8	5/8
18703250375	3 1/4	3 5/8	3/8
25003250375	3 1/4	3 3/4	3/8
25003250500	3 1/4	3 3/4	1/2
25003250562	3 1/4	3 3/4	9/16
31203250326	3 1/4	3 7/8	21/64
31203250500	3 1/4	3 7/8	1/2
37503250625	3 1/4	4	5/8
18703375375	3 3/8	3 3/4	3/8
18703375500	3 3/8	3 3/4	1/2
31204125625	4 1/8	4 3/4	5/8
37504125625	4 1/8	4 7/8	5/8
18704250375	4 1/4	4 5/8	3/8
25004250375	4 1/4	4 3/4	3/8
25004250562	4 1/4	4 3/4	9/16
31204250562	4 1/4	4 7/8	9/16
31204250625	4 1/4	4 7/8	5/8
37504250562	4 1/4	5	9/16
37504250625	4 1/4	5	5/8
50004250750	4 1/4	5 1/4	3/4
18704375375	4 3/8	4 3/4	3/8
18704375500	4 3/8	4 3/4	1/2

TIPO B

TABELA DE GAXETAS MEDIDAS NOMINAIS POLEGADAS



Código	Ø INT.	Ø EXT.	H
25004375562	4 3/8	4 7/8	9/16
31204375500	4 3/8	5	1/2
31204375562	4 3/8	5	9/16
31204375625	4 3/8	5	5/8
37504375625	4 3/8	5 1/8	5/8
18704500375	4 1/2	4 7/8	3/8
25004500375	4 1/2	5	3/8
25004500562	4 1/2	5	9/16
31204500625	4 1/2	5 1/8	5/8
37504500625	4 1/2	5 1/4	5/8
50004500750	4 1/2	5 1/2	3/4
25004625562	4 5/8	5 1/8	9/16
31204625625	4 5/8	5 1/4	5/8
25004750562	4 3/4	5 1/4	9/16
31204750625	4 3/4	5 3/8	5/8
37504750625	4 3/4	5 1/2	5/8
50004750750	4 3/4	5 3/4	3/4
18704875500	4 7/8	5 1/4	1/2
25004875375	4 7/8	5 3/8	3/8
37504875625	4 7/8	5 5/8	5/8
25005000375	5	5 1/2	3/8
25005000562	5	5 1/2	9/16
31205000625	5	5 5/8	5/8
37505000375	5	5 3/4	3/8
37505000625	5	5 3/4	5/8
50005000750	5	6	3/4
25005125562	5 1/8	5 5/8	9/16
37505125625	5 1/8	5 7/8	5/8
25005250562	5 1/4	5 3/4	9/16
50007500750	7 1/2	8 1/2	3/4
25007750562	7 3/4	8 1/4	9/16
37507750625	7 3/4	8 1/2	5/8
50007750750	7 3/4	8 3/4	3/4
25008000562	8	8 1/2	9/16
37508000625	8	8 3/4	5/8
50008000750	8	9	3/4
25008250562	8 1/4	8 3/4	9/16
37508250625	8 1/4	9	5/8
50008250750	8 1/4	9 1/4	3/4
625082501000	8 1/4	9 1/2	1
25008500562	8 1/2	9	9/16
37508500625	8 1/2	9 1/4	5/8
50008500750	8 1/2	9 1/2	3/4

Código	Ø INT.	Ø EXT.	H
37508750625	8 3/4	9 1/2	5/8
50008750750	8 3/4	9 3/4	3/4
37509000625	9	9 3/4	5/8
50009000750	9	10	3/4
31209125625	9 1/8	9 3/4	5/8
37509250625	9 1/4	10	5/8
25009500562	9 1/2	10	9/16
37509500625	9 1/2	10 1/4	5/8
37509750625	9 3/4	10 1/2	5/8
37509750750	9 3/4	10 1/2	3/4
37510000625	10	10 3/4	5/8
50010000750	10	11	3/4
50010500750	10 1/2	11 1/2	3/4
50011000750	11	12	3/4