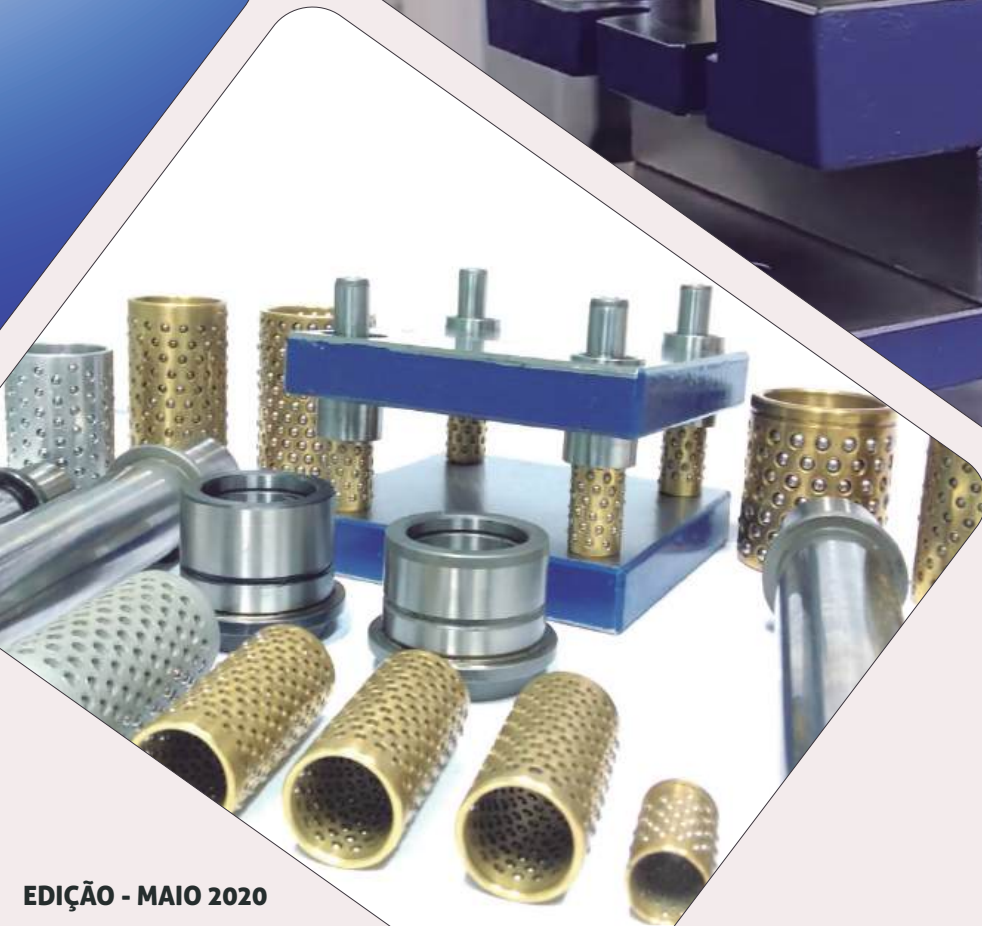
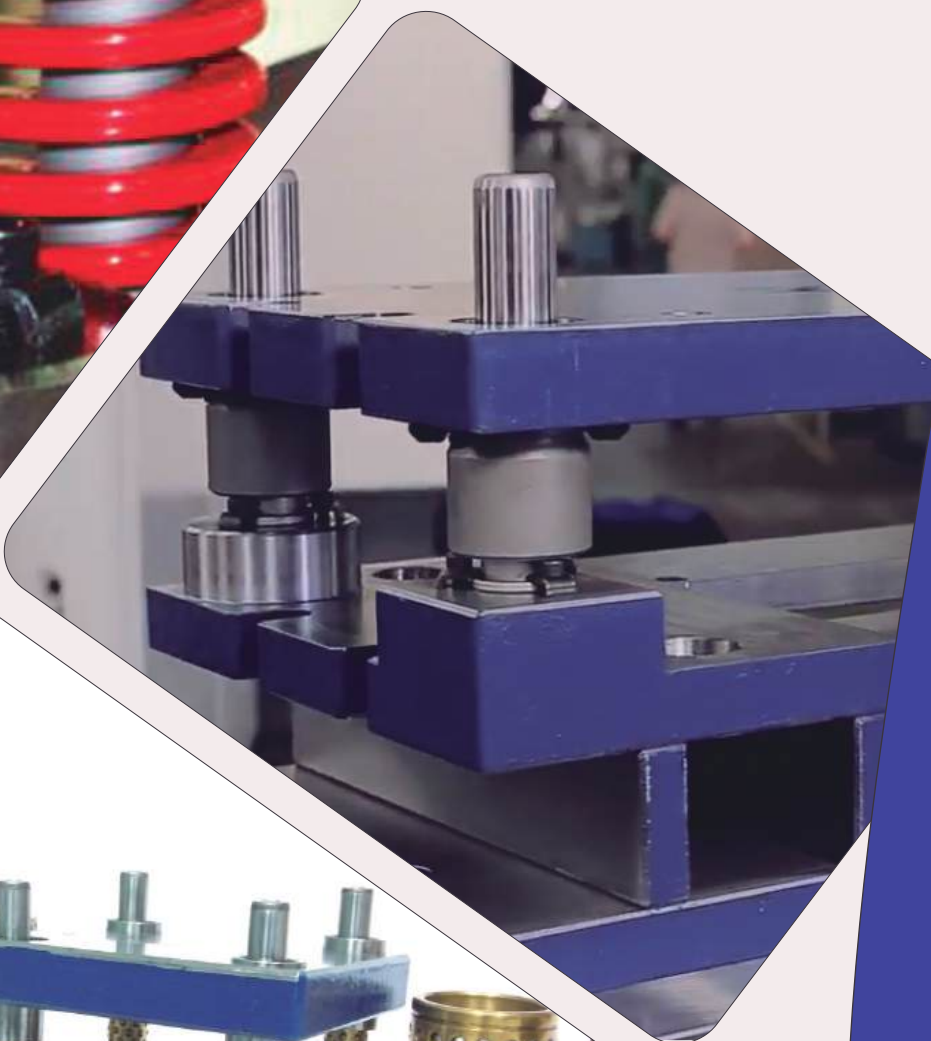
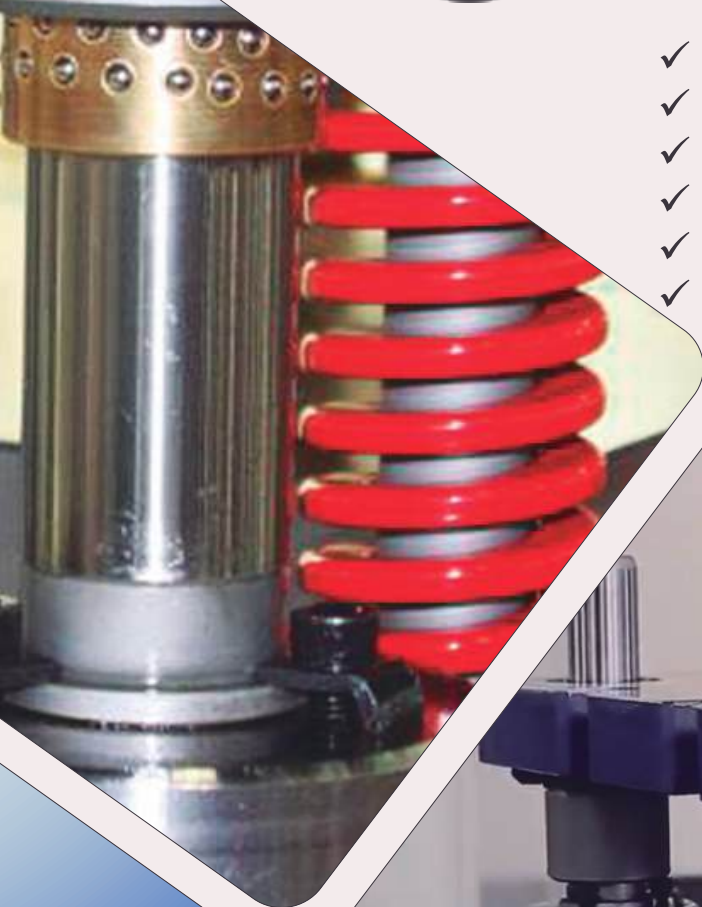




- ✓ Bucha Desmontável
- ✓ Buchas para Colar de Esferas
- ✓ Colar de Esferas
- ✓ Pinos
- ✓ Porta Bucha
- ✓ Porta Pino



BASE DE ESTAMPO

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COMPONENTES

PINO LISO - PL	22 e 23
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INFORMAÇÕES TÉCNICAS

BASE DE ESTAMPO

PLACAS

PRODUZIDAS EM AÇO SAE 1020/1045

ACABAMENTOS

A-PLACAS COM LATERAIS OXICORTADAS E ACABAMENTO SUPERFICIAL FRESADO

B-PLACAS COM LATERAIS FRESADAS E ACABAMENTO SUPERFICIAL FRESADO

C-PLACAS COM LATERAIS OXICORTADAS E ACABAMENTO SUPERFICIAL RETIFICADO

D-PLACAS COM LATERAIS FRESADAS E ACABAMENTO SUPERFICIAL RETIFICADO

TOLERÂNCIA DE ESPESSURA +- 3MM.

COMPONENTES

PINOS

PRODUZIDOS EM AÇO SAE 8620, TEMPERADOS E CEMENTADOS COM A DUREZA DE 58-62 HRC.

FORNECIDOS EM 3 TIPOS DIFERENTES DE MONTAGEM:

- INTERFERÊNCIA
- FIXAÇÃO POR GRAMPOS
- FIXAÇÃO CENTRAL

BUCHAS DESMONTÁVEIS

PRODUZIDAS EM AÇO SAE 8620, TEMPERADAS E CEMENTADAS COM A DUREZA DE 58-62 HRC, COM OPÇÕES EM:

- AÇO GRAFITADA
- AÇO BRONZEADA
- BRONZE
- BRONZE GRAFITADA

COLAR DE ESFERAS

PRODUZIDOS EM BRONZE OU ALUMÍNIO.

AS ESFERAS FEITAS EM AÇO ESPECIAL QUE RESISTE AO DESGASTE E A PRESSÃO.

CAMISA PARA COLAR DE ESFERAS

PRODUZIDAS EM AÇO SAE 8620, TEMPERADAS E CEMENTADAS COM DUREZA DE 58-62 HRC.

BUCHA DESMONTÁVEL PARA COLAR DE ESFERAS

PRODUZIDAS EM AÇO SAE 8620, TEMPERADO E CEMENTADO COM DUREZA DE 58-62 HRC, FIXADA ATRAVÉS DE GRAMPOS QUE VARIAM EM SUA QUANTIDADE EM FUNÇÃO DO DIÂMETRO DA BUCHA.

DEFINIÇÃO DA MONTAGEM

MONTAGEM 1: SEM PLACA INTERMEDIÁRIA.

MONTAGEM 2: COM PLACA INTERMEDIÁRIA.

OBS.:

- CASO NÃO SEJA ESPECIFICADO O TIPO DE ACABAMENTO, AS PLACAS SERÃO FORNECIDAS COM ACABAMENTO **C**
- CASO NÃO SEJA ESPECIFICADO NA SÉRIE BE, A MONTAGEM 2 SERÁ FORNECIDA COM BUCHAS DE FLANGE EXTRA CURTA.
- CASO NÃO SEJA ESPECIFICADO NA SÉRIE BExC, A MONTAGEM 2 SERÁ FORNECIDA COM O COLAR DE ESFERAS TIPO 3 NA PLACA INTERMEDIÁRIA.

- A TRÊS-S CONSERVA O DIREITO DE ALTERAR ESSE CATÁLOGO SEM PRÉVIO AVISO

INFORMAÇÕES TÉCNICAS

Montando sua Base de Estampo

- 1 - Escolha o tipo de base e acabamento
- 2 - Definir montagem
- 3 - Escolha o tipo de pino
- 4 - Escolha o tipo de bucha

Exemplo para série BEx
Base: BE2-30.18.39.39-C
Montagem: 1
Pino: PD - 32.22
Bucha: BN - 32

Exemplo para série BExC
Base: BE4C- 16.11.39.39-C
Montagem: 1
Pino: PD - 32.22
Bucha: BDCE - 32.065
Colar: CE2 - 32.115

SENDO:

BE2-30.18.39.39-C

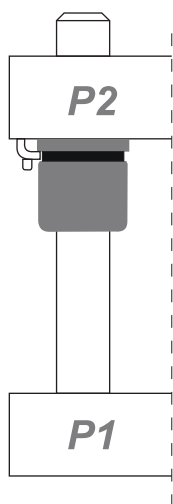
TIPO DE BASE

DIMENSÕES

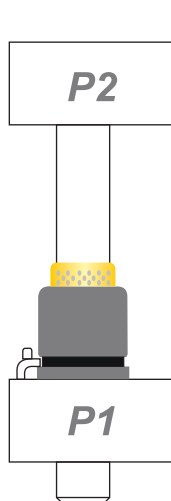
ACABAMENTO

*P3 - SOMENTE QUANDO SELECIONADO OS COLUNAMENTOS

Colunamento MONTAGEM 1 - M1

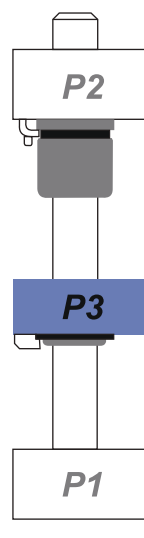


BE "x"



BE "x" C

Colunamento MONTAGEM 2 - M2

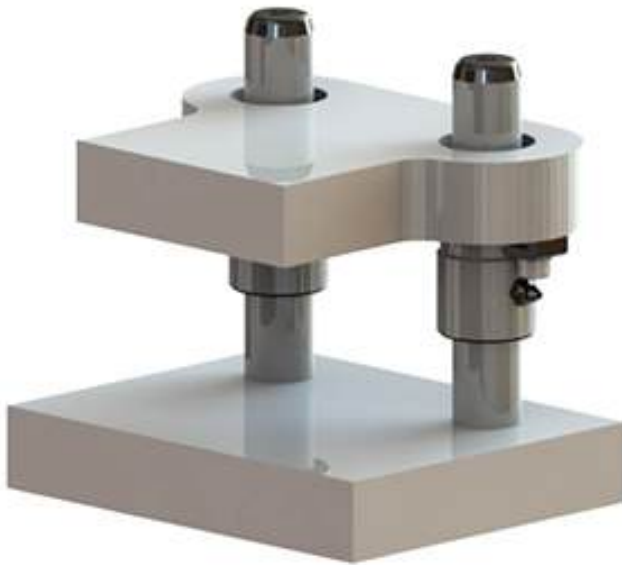


BE "x"

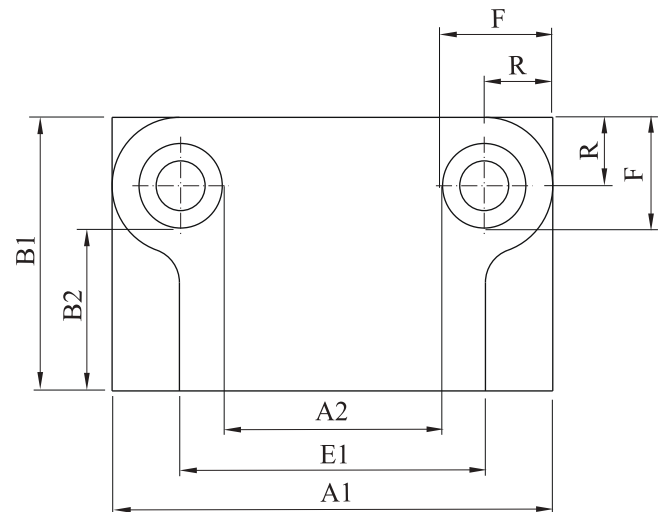
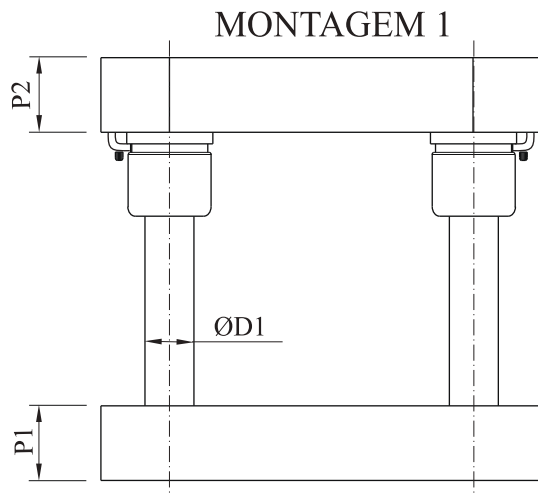


BE "x" C

BE 1 - BASE DE ESTAMPO 1



DISTÂNCIAS E DIÂMETROS DE PINOS		
ØD1	DISTÂNCIA R	DISTÂNCIA F
20	28	45
25	39	64
32	43	70
40	52	84
50	58	96
63	68	115



CÓDIGO	A2	B2	A1	B1	P1	P2	ØD1	E1
BE1 - 050 .065	50	65	140	110	24	24	20	84
BE1 - 070 .065	70		160		30	24		104
BE1 - 090 .065	90		180		30	30		124
BE1 - 052 .076	52	76	180	140	24	24	25	102
BE1 - 072 .076	72		200		30	24		122
BE1 - 112 .076	112		240		30	30		162
BE1 - 072 .096	72	96	200	160	24	24	25	122
BE1 - 112 .096	112		240		30	24		162
BE1 - 152 .096	152		280		30	30		202
BE1 - 110 .130	110	130	250	200	30	30	32	164
BE1 - 150 .130	150		290		39	30		204
BE1 - 200 .130	200		340		39	39		254
BE1 - 150 .160	150	160	290	230	30	30	32	204
BE1 - 200 .160	200		340		39	30		254
BE1 - 182 .196	182	196	350	280	39	39	40	246

EXEMPLO PARA ENCOMENDA

BASE = BE1-200.160

MONTAGEM 1

PINO = PD - 32.22

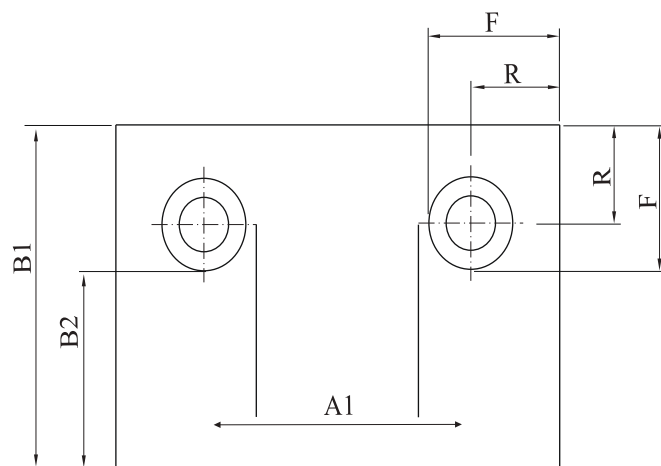
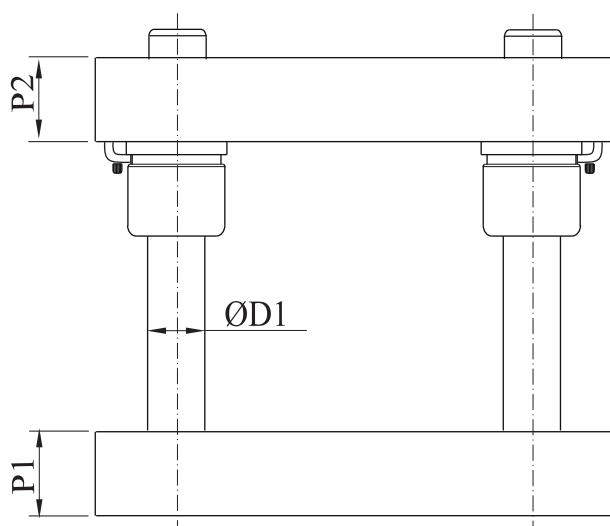
BUCHA = BN-32

BE 2 - BASE DE ESTAMPO 2



DISTÂNCIAS E DIÂMETROS DE PINOS		
ØD1	DISTÂNCIA R	DISTÂNCIA F
20	28	45
25	39	64
32	43	70
40	52	84
50	58	96
63	68	115

MONTAGEM 1



EXEMPLO PARA ENCOMENDA

BASE = BE2-30.18.39.39

MONTAGEM 1

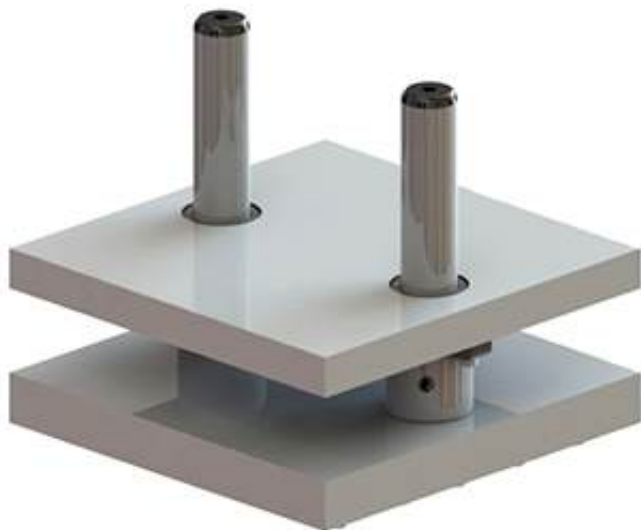
PINO = PD - 32.22

BUCHA = BN-32

BE 2 - BASE DE ESTAMPO 2

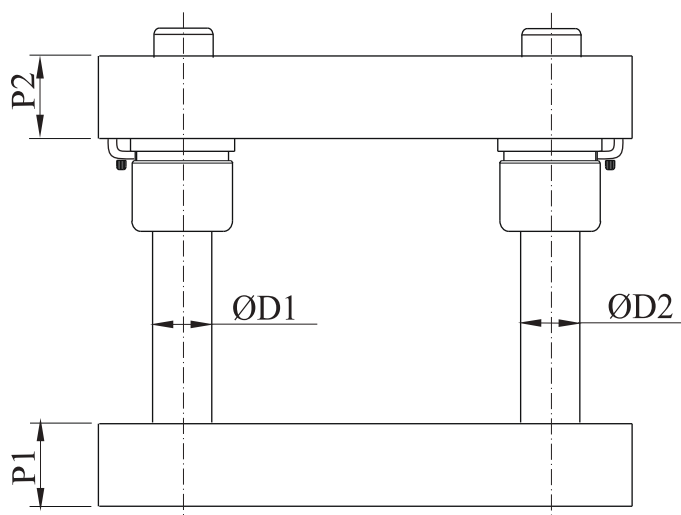
CÓDIGO	A1	B2	B1	P1	P2	ØD1
BE2 - 20 .10 .24 .24	200	105	150	24	24	20
BE2 - 20 .10 .30 .24				30	24	
BE2 - 20 .10 .30 .30				30	30	
BE2 - 20 .13 .24 .24	200	136	200	24	24	25
BE2 - 20 .13 .30 .24				30	24	
BE2 - 20 .13 .30 .30				30	30	
BE2 - 25 .08 .24 .24	250	86	150	24	24	25
BE2 - 25 .08 .30 .24				30	24	
BE2 - 25 .08 .30 .30				30	30	
BE2 - 25 .13 .24 .24	250	136	200	24	24	25
BE2 - 25 .13 .30 .24				30	24	
BE2 - 25 .13 .30 .30				30	30	
BE2 - 25 .18 .30 .30	250	180	250	30	30	32
BE2 - 25 .18 .39 .30				39	30	
BE2 - 25 .18 .39 .39				39	39	
BE2 - 30 .13 .30 .30	300	130	200	30	30	32
BE2 - 30 .13 .39 .30				39	30	
BE2 - 30 .13 .39 .39				39	39	
BE2 - 30 .18 .30 .30	300	180	250	30	30	32
BE2 - 30 .18 .39 .30				39	30	
BE2 - 30 .18 .39 .39				39	39	
BE2 - 30 .21 .39 .39	300	216	300	39	39	40
BE2 - 30 .21 .49 .39				49	39	
BE2 - 30 .21 .49 .49				49	49	
BE2 - 35 .13 .39 .39	350	130	200	39	39	32
BE2 - 35 .13 .49 .39				49	39	
BE2 - 35 .13 .49 .49				49	49	
BE2 - 35 .16 .39 .39	350	166	250	39	39	40
BE2 - 35 .16 .49 .39				49	39	
BE2 - 35 .16 .49 .49				49	49	
BE2 - 35 .21 .39 .39	350	216	300	39	39	40
BE2 - 35 .21 .49 .39				49	39	
BE2 - 35 .21 .49 .49				49	49	
BE2 - 35 .26 .39 .39	350	266	350	39	39	40
BE2 - 35 .26 .49 .39				49	39	
BE2 - 35 .26 .49 .49				49	49	
BE2 - 40 .13 .39 .39	400	130	200	39	39	32
BE2 - 40 .13 .49 .39				49	39	
BE2 - 40 .13 .49 .49				49	49	
BE2 - 40 .16 .39 .39	400	166	250	39	39	40
BE2 - 40 .16 .49 .39				49	39	
BE2 - 40 .16 .49 .49				49	49	
BE2 - 40 .21 .39 .39	400	216	300	39	39	40
BE2 - 40 .21 .49 .39				49	39	
BE2 - 40 .21 .49 .49				49	49	
BE2 - 40 .26 .39 .39	400	266	350	39	39	40
BE2 - 40 .26 .49 .39				49	39	
BE2 - 40 .26 .49 .49				49	49	
BE2 - 40 .31 .39 .39	400	316	400	39	39	40
BE2 - 40 .31 .49 .39				49	39	
BE2 - 40 .31 .49 .49				49	49	
BE2 - 45 .16 .39 .39	450	166	250	39	39	40
BE2 - 45 .16 .49 .39				49	39	
BE2 - 45 .16 .49 .49				49	49	
BE2 - 45 .21 .39 .39	450	216	300	39	39	40
BE2 - 45 .21 .49 .39				49	39	
BE2 - 45 .21 .49 .49				49	49	
BE2 - 45 .26 .39 .39	450	266	350	39	39	40
BE2 - 45 .26 .49 .39				49	39	
BE2 - 45 .26 .49 .49				49	49	
BE2 - 45 .31 .39 .39	450	316	400	39	39	40
BE2 - 45 .31 .49 .39				49	39	
BE2 - 45 .31 .49 .49				49	49	
BE2 - 45 .36 .39 .39	450	366	450	39	39	40
BE2 - 45 .36 .49 .39				49	39	
BE2 - 45 .36 .49 .49				49	49	
BE2 - 50 .16 .39 .39	500	166	250	39	39	40
BE2 - 50 .16 .49 .39				49	39	
BE2 - 50 .16 .49 .49				49	49	
BE2 - 50 .21 .39 .39	500	216	300	39	39	40
BE2 - 50 .21 .49 .39				49	39	
BE2 - 50 .21 .49 .49				49	49	
BE2 - 50 .26 .39 .39	500	266	350	39	39	40
BE2 - 50 .26 .49 .39				49	39	
BE2 - 50 .26 .49 .49				49	49	
BE2 - 50 .30 .49 .49	500	304	400	49	49	50
BE2 - 50 .30 .55 .49				55	49	
BE2 - 50 .30 .55 .55				55	55	
BE2 - 50 .40 .49 .49	500	404	500	49	49	50
BE2 - 50 .40 .55 .49				55	49	
BE2 - 50 .40 .55 .55				55	55	
BE2 - 60 .21 .49 .49	600	216	300	49	49	40
BE2 - 60 .21 .55 .49				55	49	
BE2 - 60 .21 .55 .55				55	55	
BE2 - 60 .25 .49 .49	600	254	350	49	49	50
BE2 - 60 .25 .55 .49				55	49	
BE2 - 60 .25 .55 .55				55	55	
BE2 - 60 .30 .49 .49	600	304	400	49	49	50
BE2 - 60 .30 .55 .49				55	49	
BE2 - 60 .30 .55 .55				55	55	
BE2 - 60 .40 .49 .49	600	404	500	49	49	50
BE2 - 60 .40 .55 .49				55	49	
BE2 - 60 .40 .55 .55				55	55	
BE2 - 60 .50 .49 .49	600	504	600	49	49	50
BE2 - 60 .50 .55 .49				55	49	
BE2 - 60 .50 .55 .55				55	55	
BE2 - 65 .21 .49 .49	650	216	300	49	49	40
BE2 - 65 .21 .55 .49				55	49	
BE2 - 65 .21 .55 .55				55	55	
BE2 - 65 .25 .49 .49	650	254	350	49	49	50
BE2 - 65 .25 .55 .49				55	49	
BE2 - 65 .25 .55 .55				55	55	
BE2 - 65 .30 .49 .49	650	304	400	49	49	50
BE2 - 65 .30 .55 .49				55	49	
BE2 - 65 .30 .55 .55				55	55	
BE2 - 65 .40 .49 .49	650	404	500	49	49	50
BE2 - 65 .40 .55 .49				55	49	
BE2 - 65 .40 .55 .55				55	55	
BE2 - 65 .50 .49 .49	650	504	600	49	49	50
BE2 - 65 .50 .55 .49				55	49	
BE2 - 65 .50 .55 .55				55	55	
BE2 - 65 .55 .49 .49	650	554	650	49	49	50
BE2 - 65 .55 .55 .49				55	49	
BE2 - 65 .55 .55 .55				55	55	

BE 3 - BASE DE ESTAMPO 3

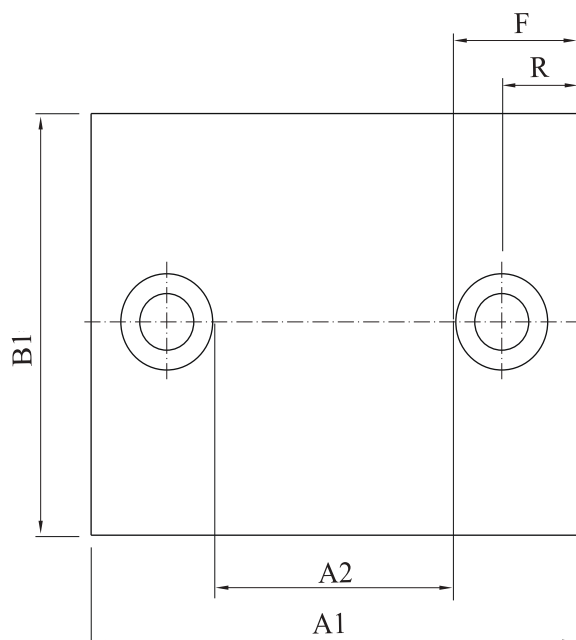
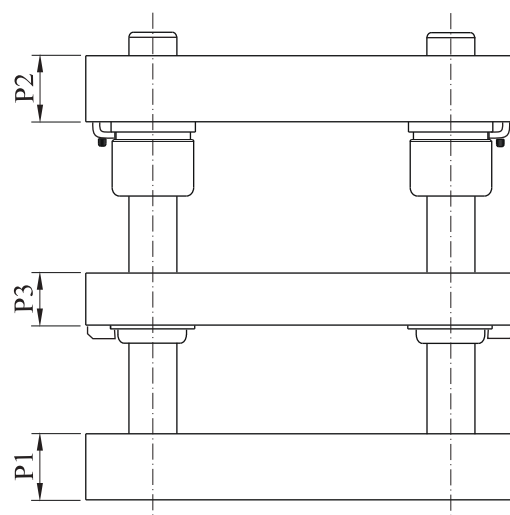


DISTÂNCIAS E DIÂMETROS DE PINOS			
ØD1	ØD2	DISTÂNCIA R	DISTÂNCIA F
20	19	28	45
25	24	39	64
32	30	43	70
40	38	52	84
50	48	58	96
63	50	68	115

MONTAGEM 1



MONTAGEM 2



EXEMPLO PARA ENCOMENDA

BASE = BE3-16.39.30.20

MONTAGEM 1

PINO = PD - 32.22

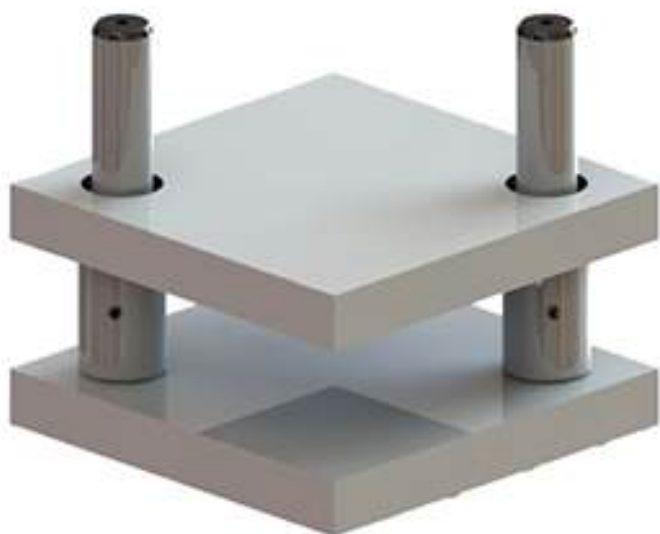
BUCHA = BN-32

BE 3 - BASE DE ESTAMPO 3

CÓDIGO	A2	A1	B1	P1	P2	P3	ØD1
BE3 - 11 .24 .24 .15	110	200	150	24	24	24	20
BE3 - 11 .30 .24 .15				30	24		
BE3 - 11 .30 .30 .15				30	30		
BE3 - 07 .24 .24 .20	72	200	200	24	24	24	25
BE3 - 07 .30 .24 .20				30	24		
BE3 - 07 .30 .30 .20				30	30		
BE3 - 12 .24 .24 .15	122	250	150	24	24	24	25
BE3 - 12 .30 .24 .15				30	24		
BE3 - 12 .30 .30 .15				30	30		
BE3 - 12 .24 .24 .20	122	250	200	24	24	24	25
BE3 - 12 .30 .24 .20				30	24		
BE3 - 12 .30 .30 .20				30	30		
BE3 - 11 .30 .30 .25	110	250	250	30	30	30	32
BE3 - 11 .39 .30 .25				39	30		
BE3 - 11 .39 .39 .25				39	39		
BE3 - 16 .30 .30 .20	160	300	200	30	30	30	32
BE3 - 16 .39 .30 .20				39	30		
BE3 - 16 .39 .39 .20				39	39		
BE3 - 16 .30 .30 .25	160	300	250	30	30	30	32
BE3 - 16 .39 .30 .25				39	30		
BE3 - 16 .39 .39 .25				39	39		
BE3 - 13 .39 .39 .30	132	300	300	39	39	39	40
BE3 - 13 .49 .39 .30				49	39		
BE3 - 13 .49 .49 .30				49	49		
BE3 - 21 .39 .39 .20	210	350	200	39	39	39	32
BE3 - 21 .49 .39 .20				49	39		
BE3 - 21 .49 .49 .20				49	49		
BE3 - 18 .39 .39 .25	182	350	250	39	39	39	40
BE3 - 18 .49 .39 .25				49	39		
BE3 - 18 .49 .49 .25				49	49		
BE3 - 18 .39 .39 .30	182	350	300	39	39	39	40
BE3 - 18 .49 .39 .30				49	39		
BE3 - 18 .49 .49 .30				49	49		
BE3 - 18 .39 .39 .35	182	350	350	39	39	39	40
BE3 - 18 .49 .39 .35				49	39		
BE3 - 18 .49 .49 .35				49	49		
BE3 - 26 .39 .39 .20	260	400	200	39	39	39	32
BE3 - 26 .49 .39 .20				49	39		
BE3 - 26 .49 .49 .20				49	49		
BE3 - 23 .39 .39 .25	232	400	250	39	39	39	40
BE3 - 23 .49 .39 .25				49	39		
BE3 - 23 .49 .49 .25				49	49		
BE3 - 23 .39 .39 .30	232	400	300	39	39	39	40
BE3 - 23 .49 .39 .30				49	39		
BE3 - 23 .49 .49 .30				49	49		
BE3 - 23 .39 .39 .35	232	400	350	39	39	39	40
BE3 - 23 .49 .39 .35				49	39		
BE3 - 23 .49 .49 .35				49	49		
BE3 - 23 .39 .39 .40	232	400	400	39	39	39	40
BE3 - 23 .49 .39 .40				49	39		
BE3 - 23 .49 .49 .40				49	49		
BE3 - 28 .39 .39 .25	282	450	250	39	39	39	40
BE3 - 28 .49 .39 .25				49	39		
BE3 - 28 .49 .49 .25				49	49		
BE3 - 28 .39 .39 .30	282	450	300	39	39	39	40
BE3 - 28 .49 .39 .30				49	39		
BE3 - 28 .49 .49 .30				49	49		

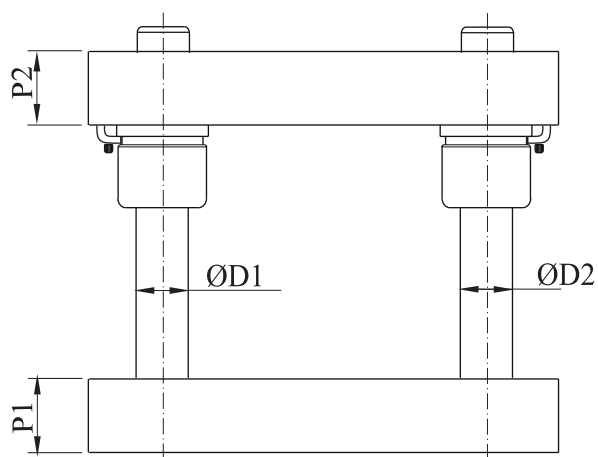
CÓDIGO	A2	A1	B1	P1	P2	P3	ØD1
BE3 - 28 .39 .39 .35	282	450	350	39	39	39	40
BE3 - 28 .49 .39 .35				49	39		
BE3 - 28 .49 .49 .35				49	49		
BE3 - 28 .39 .39 .40	282	450	400	39	39	39	40
BE3 - 28 .49 .39 .40				49	39		
BE3 - 28 .49 .49 .40				49	49		
BE3 - 28 .39 .39 .45	282	450	450	39	39	39	40
BE3 - 28 .49 .39 .45				49	39		
BE3 - 28 .49 .49 .45				49	49		
BE3 - 33 .39 .39 .25	332	500	250	39	39	39	40
BE3 - 33 .49 .39 .25				49	39		
BE3 - 33 .49 .49 .25				49	49		
BE3 - 33 .39 .39 .30	332	500	300	39	39	39	40
BE3 - 33 .49 .39 .30				49	39		
BE3 - 33 .49 .49 .30				49	49		
BE3 - 33 .39 .39 .35	332	500	350	39	39	39	40
BE3 - 33 .49 .39 .35				49	39		
BE3 - 33 .49 .49 .35				49	49		
BE3 - 30 .49 .49 .40	308	500	400	49	49	49	50
BE3 - 30 .55 .49 .40				55	49		
BE3 - 30 .55 .55 .40				55	55		
BE3 - 30 .49 .49 .50	308	500	500	49	49	49	50
BE3 - 30 .55 .49 .50				55	49		
BE3 - 30 .55 .55 .50				55	55		
BE3 - 43 .49 .49 .30	432	600	300	49	49	49	40
BE3 - 43 .55 .49 .30				55	49		
BE3 - 43 .55 .55 .30				55	55		
BE3 - 40 .49 .49 .35	408	600	350	49	49	49	50
BE3 - 40 .55 .49 .35				55	49		
BE3 - 40 .55 .55 .35				55	55		
BE3 - 40 .49 .49 .40	408	600	400	49	49	49	50
BE3 - 40 .55 .49 .40				55	49		
BE3 - 40 .55 .55 .40				55	55		
BE3 - 40 .49 .49 .50	408	600	500	49	49	49	50
BE3 - 40 .55 .49 .50				55	49		
BE3 - 40 .55 .55 .50				55	55		
BE3 - 40 .49 .49 .60	408	600	600	49	49	49	50
BE3 - 40 .55 .49 .60				55	49		
BE3 - 40 .55 .55 .60				55	55		
BE3 - 48 .49 .49 .30	482	650	300	49	49	49	40
BE3 - 48 .55 .49 .30				55	49		
BE3 - 48 .55 .55 .30				55	55		
BE3 - 45 .49 .49 .35	458	650	350	49	49	49	50
BE3 - 45 .55 .49 .35				55	49		
BE3 - 45 .55 .55 .35				55	55		
BE3 - 45 .49 .49 .40	458	650	400	49	49	49	50
BE3 - 45 .55 .49 .40				55	49		
BE3 - 45 .55 .55 .40				55	55		
BE3 - 45 .49 .49 .50	458	650	500	49	49	49	50
BE3 - 45 .55 .49 .50				55	49		
BE3 - 45 .55 .55 .50				55	55		
BE3 - 45 .49 .49 .60	458	650	600	49	49	49	50
BE3 - 45 .55 .49 .60				55	49		
BE3 - 45 .55 .55 .60				55	55		
BE3 - 45 .49 .49 .65	458	650	650	49	49	49	50
BE3 - 45 .55 .49 .65				55	49		
BE3 - 45 .55 .55 .65				55	55		

BE 4 - BASE DE ESTAMPO 4

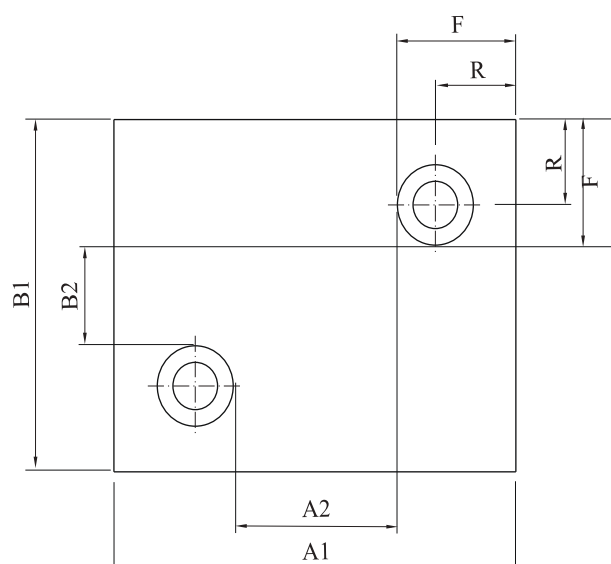
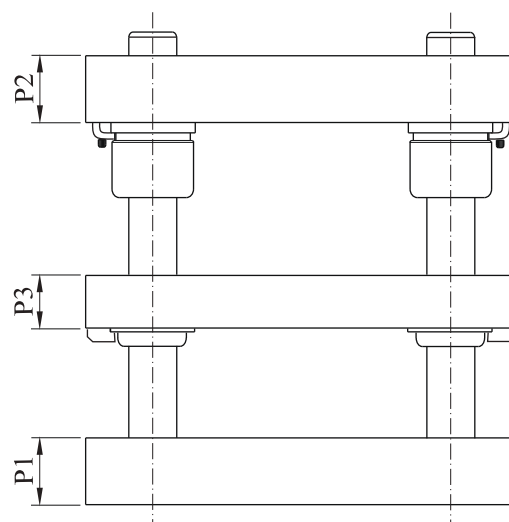


DISTÂNCIAS E DIÂMETROS DE PINOS			
ØD1	ØD2	DISTÂNCIA R	DISTÂNCIA F
20	19	28	45
25	24	39	64
32	30	43	70
40	38	52	84
50	48	58	96
63	50	68	115

MONTAGEM 1



MONTAGEM 2



EXEMPLO PARA ENCOMENDA

BASE = BE4-16.06.39.39

MONTAGEM 1

PINO = PD - 32.22

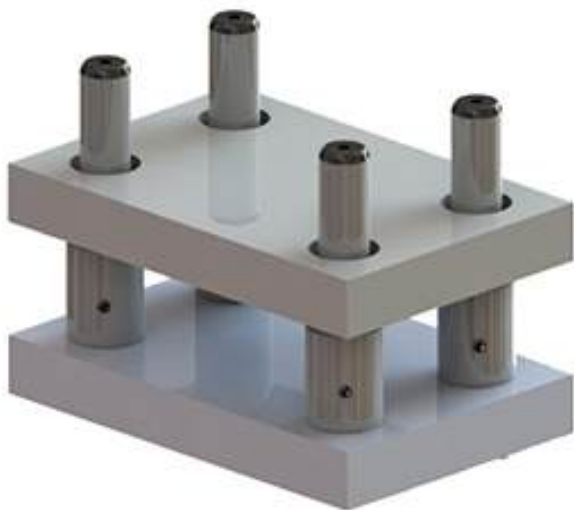
BUCHA = BN-32

BE 4 - BASE DE ESTAMPO 4

CÓDIGO	A2	B2	A1	B1	P1	P2	P3	ØD1
BE4 - 11 .06 .24 .24	110	60	200	150	24	24	24	20
BE4 - 11 .06 .30 .24					30	24		
BE4 - 11 .06 .30 .30					30	30		
BE4 - 07 .07 .24 .24	72	72	200	200	24	24	24	25
BE4 - 07 .07 .30 .24					30	24		
BE4 - 07 .07 .30 .30					30	30		
BE4 - 12 .02 .24 .24	122	22	250	150	24	24	24	25
BE4 - 12 .02 .30 .24					30	24		
BE4 - 12 .02 .30 .30					30	30		
BE4 - 12 .07 .24 .24	122	72	250	200	24	24	24	25
BE4 - 12 .07 .30 .24					30	24		
BE4 - 12 .07 .30 .30					30	30		
BE4 - 11 .11 .30 .30	110	110	250	250	30	30	30	32
BE4 - 11 .11 .39 .30					39	30		
BE4 - 11 .11 .39 .39					39	39		
BE4 - 16 .06 .30 .30	160	60	300	200	30	30	30	32
BE4 - 16 .06 .39 .30					39	30		
BE4 - 16 .06 .39 .39					39	39		
BE4 - 16 .11 .30 .30	160	110	300	250	30	30	30	32
BE4 - 16 .11 .39 .30					39	30		
BE4 - 16 .11 .39 .39					39	39		
BE4 - 13 .13 .39 .39	132	132	300	300	39	39	39	40
BE4 - 13 .13 .49 .39					49	39		
BE4 - 13 .13 .49 .49					49	49		
BE4 - 21 .06 .39 .39	210	60	350	200	39	39	39	32
BE4 - 21 .06 .49 .39					49	39		
BE4 - 21 .06 .49 .49					49	49		
BE4 - 18 .08 .39 .39	182	82	350	250	39	39	39	40
BE4 - 18 .08 .49 .39					49	39		
BE4 - 18 .08 .49 .49					49	49		
BE4 - 18 .13 .39 .39	182	132	350	300	39	39	39	40
BE4 - 18 .13 .49 .39					49	39		
BE4 - 18 .13 .49 .49					49	49		
BE4 - 18 .18 .39 .39	182	182	350	350	39	39	39	40
BE4 - 18 .18 .49 .39					49	39		
BE4 - 18 .18 .49 .49					49	49		
BE4 - 26 .06 .39 .39	260	60	400	200	39	39	39	32
BE4 - 26 .06 .49 .39					49	39		
BE4 - 26 .06 .49 .49					49	49		
BE4 - 23 .08 .39 .39	232	82	400	250	39	39	39	40
BE4 - 23 .08 .49 .39					49	39		
BE4 - 23 .08 .49 .49					49	49		
BE4 - 23 .13 .39 .39	232	132	400	300	39	39	39	40
BE4 - 23 .13 .49 .39					49	39		
BE4 - 23 .13 .49 .49					49	49		
BE4 - 23 .18 .39 .39	232	182	400	350	39	39	39	40
BE4 - 23 .18 .49 .39					49	39		
BE4 - 23 .18 .49 .49					49	49		
BE4 - 23 .23 .39 .39	232	232	400	400	39	39	39	40
BE4 - 23 .23 .49 .39					49	39		
BE4 - 23 .23 .49 .49					49	49		
BE4 - 28 .08 .39 .39	282	82	450	250	39	39	39	40
BE4 - 28 .08 .49 .39					49	39		
BE4 - 28 .08 .49 .49					49	49		
BE4 - 28 .13 .39 .39	282	132	450	300	39	39	39	40
BE4 - 28 .13 .49 .39					49	39		
BE4 - 28 .13 .49 .49					49	49		

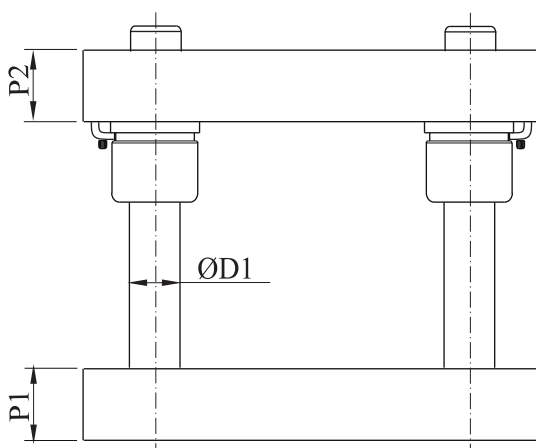
CÓDIGO	A2	B2	A1	B1	P1	P2	P3	ØD1
BE4 - 28 .18 .39 .39	282	182	450	350	39	39	39	40
BE4 - 28 .18 .49 .39					49	39		
BE4 - 28 .18 .49 .49					49	49		
BE4 - 28 .23 .39 .39	282	232	450	400	39	39	39	40
BE4 - 28 .23 .49 .39					49	39		
BE4 - 28 .23 .49 .49					49	49		
BE4 - 28 .28 .39 .39	282	282	450	450	39	39	39	40
BE4 - 28 .28 .49 .39					49	39		
BE4 - 28 .28 .49 .49					49	49		
BE4 - 33 .08 .39 .39	332	82	500	250	39	39	39	40
BE4 - 33 .08 .49 .39					49	39		
BE4 - 33 .08 .49 .49					49	49		
BE4 - 33 .13 .39 .39	332	132	500	300	39	39	39	40
BE4 - 33 .13 .49 .39					49	39		
BE4 - 33 .13 .49 .49					49	49		
BE4 - 33 .18 .39 .39	332	182	500	350	39	39	39	40
BE4 - 33 .18 .49 .39					49	39		
BE4 - 33 .18 .49 .49					49	49		
BE4 - 30 .20 .49 .49	308	208	500	400	49	49	49	50
BE4 - 30 .20 .55 .49					55	49		
BE4 - 30 .20 .55 .55					55	55		
BE4 - 30 .30 .49 .49	308	308	500	500	49	49	49	50
BE4 - 30 .30 .55 .49					55	49		
BE4 - 30 .30 .55 .55					55	55		
BE4 - 43 .13 .49 .49	432	132	600	300	49	49	49	40
BE4 - 43 .13 .55 .49					55	49		
BE4 - 43 .13 .55 .55					55	55		
BE4 - 40 .15 .49 .49	408	158	600	350	49	49	49	50
BE4 - 40 .15 .55 .49					55	49		
BE4 - 40 .15 .55 .55					55	55		
BE4 - 40 .20 .49 .49	408	208	600	400	49	49	49	50
BE4 - 40 .20 .55 .49					55	49		
BE4 - 40 .20 .55 .55					55	55		
BE4 - 40 .30 .49 .49	408	308	600	500	49	49	49	50
BE4 - 40 .30 .55 .49					55	49		
BE4 - 40 .30 .55 .55					55	55		
BE4 - 40 .40 .49 .49	408	408	600	600	49	49	49	50
BE4 - 40 .40 .55 .49					55	49		
BE4 - 40 .40 .55 .55					55	55		
BE4 - 48 .13 .49 .49	482	132	650	300	49	49	49	40
BE4 - 48 .13 .55 .49					55	49		
BE4 - 48 .13 .55 .55					55	55		
BE4 - 45 .15 .49 .49	458	158	650	350	49	49	49	50
BE4 - 45 .15 .55 .49					55	49		
BE4 - 45 .15 .55 .55					55	55		
BE4 - 45 .20 .49 .49	458	208	650	400	49	49	49	50
BE4 - 45 .20 .55 .49					55	49		
BE4 - 45 .20 .55 .55					55	55		
BE4 - 45 .30 .49 .49	458	308	650	500	49	49	49	50
BE4 - 45 .30 .55 .49					55	49		
BE4 - 45 .30 .55 .55					55	55		
BE4 - 45 .40 .49 .49	458	408	650	600	49	49	49	50
BE4 - 45 .40 .55 .49					55	49		
BE4 - 45 .40 .55 .55					55	55		
BE4 - 45 .45 .49 .49	458	458	650	650	49	49	49	50
BE4 - 45 .45 .55 .49					55	49		
BE4 - 45 .45 .55 .55					55	55		

BE 5 - BASE DE ESTAMPO 5

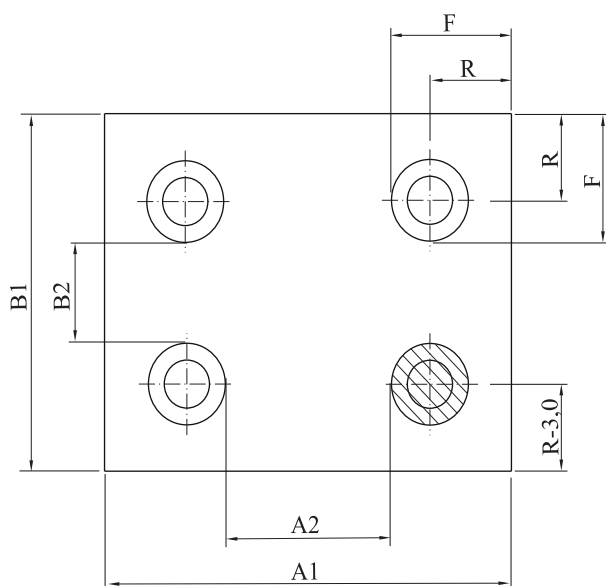
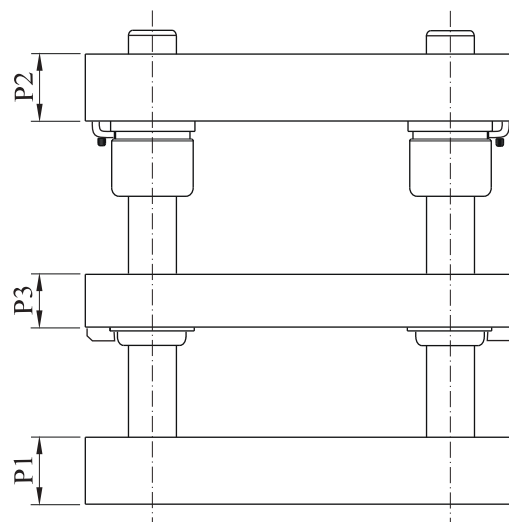


DISTÂNCIAS E DIÂMETROS DE PINOS		
ØD1	DISTÂNCIA R	DISTÂNCIA F
20	28	45
25	39	64
32	43	70
40	52	84
50	58	96
63	68	115

MONTAGEM 1



MONTAGEM 2



EXEMPLO PARA ENCOMENDA

BASE = BE5-16.11.39.39

MONTAGEM 1

PINO = PD - 32.22

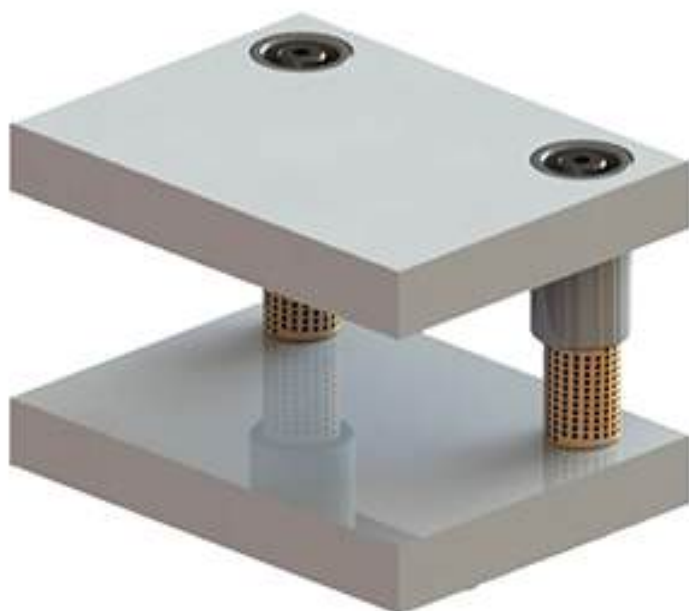
BUCHA = BN-32

BE 5 - BASE DE ESTAMPO 5

CÓDIGO	A2	B2	A1	B1	P1	P2	P3	ØD1
BE5 - 11 .06 .24 .24	110	60	200	150	24	24	24	20
BE5 - 11 .06 .30 .24					30	24		
BE5 - 11 .06 .30 .30					30	30		
BE5 - 07 .07 .24 .24	72	72	200	200	24	24	24	25
BE5 - 07 .07 .30 .24					30	24		
BE5 - 07 .07 .30 .30					30	30		
BE5 - 12 .02 .24 .24	122	22	250	150	24	24	24	25
BE5 - 12 .02 .30 .24					30	24		
BE5 - 12 .02 .30 .30					30	30		
BE5 - 12 .07 .24 .24	122	72	250	200	24	24	24	25
BE5 - 12 .07 .30 .24					30	24		
BE5 - 12 .07 .30 .30					30	30		
BE5 - 11 .11 .30 .30	110	110	250	250	30	30	30	32
BE5 - 11 .11 .39 .39					39	30		
BE5 - 16 .06 .30 .30					30	30		
BE5 - 16 .06 .39 .30	160	60	300	200	39	30	30	32
BE5 - 16 .06 .39 .39					39	39		
BE5 - 16 .11 .30 .30					30	30		
BE5 - 16 .11 .39 .30	160	110	300	250	39	30	30	32
BE5 - 16 .11 .39 .39					39	39		
BE5 - 13 .13 .39 .39					39	39		
BE5 - 13 .13 .49 .39	132	132	300	300	49	39	39	40
BE5 - 13 .13 .49 .49					49	49		
BE5 - 21 .06 .39 .39					39	39		
BE5 - 21 .06 .49 .39	210	60	350	200	49	39	39	32
BE5 - 21 .06 .49 .49					49	49		
BE5 - 18 .08 .39 .39					39	39		
BE5 - 18 .08 .49 .39	182	82	350	250	49	39	39	40
BE5 - 18 .08 .49 .49					49	49		
BE5 - 18 .13 .39 .39					39	39		
BE5 - 18 .13 .49 .39	182	132	350	300	49	39	39	40
BE5 - 18 .13 .49 .49					49	49		
BE5 - 18 .18 .39 .39					39	39		
BE5 - 18 .18 .49 .39	182	182	350	350	49	39	39	40
BE5 - 18 .18 .49 .49					49	49		
BE5 - 26 .06 .39 .39					39	39		
BE5 - 26 .06 .49 .39	260	60	400	200	49	39	39	32
BE5 - 26 .06 .49 .49					49	49		
BE5 - 23 .08 .39 .39					39	39		
BE5 - 23 .08 .49 .39	232	82	400	250	49	39	39	40
BE5 - 23 .08 .49 .49					49	49		
BE5 - 23 .13 .39 .39					39	39		
BE5 - 23 .13 .49 .39	232	132	400	300	49	39	39	40
BE5 - 23 .13 .49 .49					49	49		
BE5 - 23 .18 .39 .39					39	39		
BE5 - 23 .18 .49 .39	232	182	400	350	49	39	39	40
BE5 - 23 .18 .49 .49					49	49		
BE5 - 23 .23 .39 .39					39	39		
BE5 - 23 .23 .49 .39	232	232	400	400	49	39	39	40
BE5 - 23 .23 .49 .49					49	49		
BE5 - 28 .08 .39 .39					39	39		
BE5 - 28 .08 .49 .39	282	82	450	250	49	39	39	40
BE5 - 28 .08 .49 .49					49	49		
BE5 - 28 .13 .39 .39					39	39		
BE5 - 28 .13 .49 .39	282	132	450	300	49	39	39	40
BE5 - 28 .13 .49 .49					49	49		
BE5 - 28 .18 .39 .39					39	39		
BE5 - 28 .18 .49 .39	282	182	450	350	49	39	39	40
BE5 - 28 .18 .49 .49					49	49		
BE5 - 28 .23 .39 .39					39	39		
BE5 - 28 .23 .49 .39	282	232	450	400	49	39	39	40
BE5 - 28 .23 .49 .49					49	49		
BE5 - 28 .28 .39 .39					39	39		
BE5 - 28 .28 .49 .39	282	282	450	450	49	39	39	40
BE5 - 28 .28 .49 .49					49	49		
BE5 - 33 .08 .39 .39					39	39		
BE5 - 33 .08 .49 .39	332	82	500	250	49	39	39	40
BE5 - 33 .08 .49 .49					49	49		

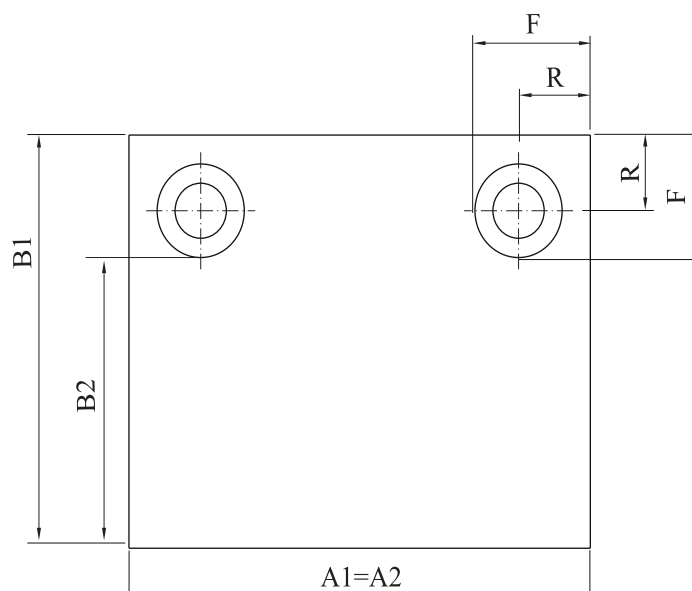
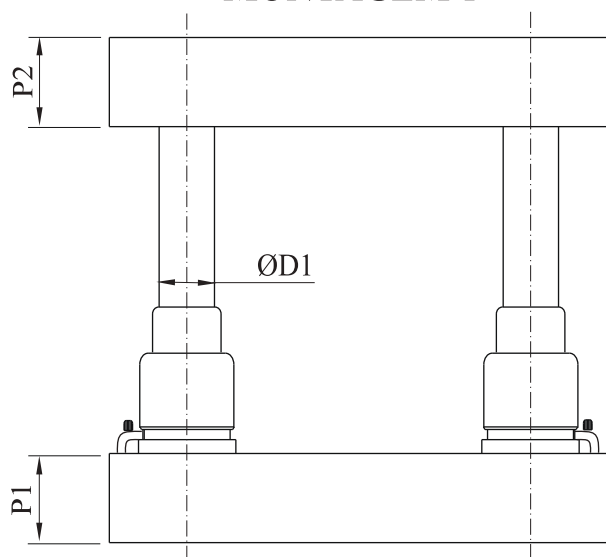
CÓDIGO	A2	B2	A1	B1	P1	P2	P3	ØD1
BE5 - 33 .13 .39 .39	332	132	500	300	39	39	39	40
BE5 - 33 .13 .49 .39					49	39		
BE5 - 33 .13 .49 .49					49	49		
BE5 - 33 .18 .39 .39	332	182	500	350	39	39	39	40
BE5 - 33 .18 .49 .39					49	39		
BE5 - 33 .18 .49 .49					49	49		
BE5 - 30 .20 .49 .49	308	208	500	400	49	49	49	50
BE5 - 30 .20 .55 .49					55	49		
BE5 - 30 .20 .55 .55					55	55		
BE5 - 30 .30 .49 .49	308	308	500	500	49	49	49	50
BE5 - 30 .30 .55 .49					55	49		
BE5 - 30 .30 .55 .55					55	55		
BE5 - 43 .13 .49 .49	432	132	600	300	49	49	49	40
BE5 - 43 .13 .55 .49					55	49		
BE5 - 43 .13 .55 .55					55	55		
BE5 - 40 .15 .49 .49	408	158	600	350	49	49	49	50
BE5 - 40 .15 .55 .49					55	49		
BE5 - 40 .15 .55 .55					55	55		
BE5 - 40 .20 .49 .49	408	208	600	400	49	49	49	50
BE5 - 40 .20 .55 .49					55	49		
BE5 - 40 .20 .55 .55					55	55		
BE5 - 40 .30 .49 .49	408	308	600	500	49	49	49	50
BE5 - 40 .30 .55 .49					55	49		
BE5 - 40 .30 .55 .55					55	55		
BE5 - 40 .40 .49 .49	408	408	600	600	49	49	49	50
BE5 - 40 .40 .55 .49					55	49		
BE5 - 40 .40 .55 .55					55	55		
BE5 - 48 .13 .49 .49	482	132	650	300	49	49	49	40
BE5 - 48 .13 .55 .49					55	49		
BE5 - 48 .13 .55 .55					55	55		
BE5 - 45 .15 .49 .49	458	158	650	350	49	49	49	50
BE5 - 45 .15 .55 .49					55	49		
BE5 - 45 .15 .55 .55					55	55		
BE5 - 45 .20 .49 .49	458	208	650	400	49	49	49	50
BE5 - 45 .20 .55 .49					55	49		
BE5 - 45 .20 .55 .55					55	55		
BE5 - 45 .30 .49 .49	458	308	650	500	49	49	49	50
BE5 - 45 .30 .55 .49					55	49		
BE5 - 45 .30 .55 .55					55	55		
BE5 - 45 .40 .49 .49	458	408	650	600	49	49	49	50
BE5 - 45 .40 .55 .49					55	49		
BE5 - 45 .40 .55 .55					55	55		
BE5 - 45 .45 .49 .49	458	458	650	650	49	49	49	50
BE5 - 45 .45 .55 .49					55	49		
BE5 - 45 .45 .55 .55					55	55		
BE5 - 60 .20 .49 .49	608	208	800	400	49	49	49	50
BE5 - 60 .20 .55 .49					55	49		
BE5 - 60 .20 .55 .55					55	55		
BE5 - 60 .30 .49 .49	608	308	800	500	49	49	49	50
BE5 - 60 .30 .55 .49					55	49		
BE5 - 60 .30 .55 .55					55	55		
BE5 - 60 .40 .62 .62	608	408	800	600	62	62	62	50
BE5 - 60 .40 .75 .62					75	62		
BE5 - 60 .40 .75 .75					75	75		
BE5 - 60 .45 .62 .62	608	458	800	650	62	62	62	50
BE5 - 60 .45 .75 .62					75	62		
BE5 - 60 .45 .75 .75					75	75		
BE5 - 77 .27 .62 .62	770	270	1000	500	62	62	62	63
BE5 - 77 .27 .75 .62					75	62		
BE5 - 77 .27 .75 .75					75	75		
BE5 - 77 .37 .62 .62	770	370	1000	600	62	62	62	63
BE5 - 77 .37 .75 .62					75	62		
BE5 - 77 .37 .75 .75					75	75		
BE5 - 77 .42 .62 .62	770	420	1000	650	62	62	62	63
BE5 - 77 .42 .75 .62					75	62		
BE5 - 77 .42 .75 .75					75	75		
BE5 - 77 .57 .62 .62	770	570	1000	800	62	62	62	63
BE5 - 77 .57 .75 .62					75	62		
BE5 - 77 .57 .75 .75					75	75		

BE2C - BASE DE ESTAMPO 2 COM COLAR DE ESFERAS



DISTÂNCIAS E DIÂMETROS DE PINO			
ØD1	DISTÂNCIA R	DISTÂNCIA F (BUCHA)	DISTÂNCIA F (CAMISA)
20	28	64	45
25	39	71	64
32	43	79,5	70
40	52	93,5	84
50	58	110,5	96
63	68	127	115

MONTAGEM 1



EXEMPLO PARA ENCOMENDA

BASE = BE2C-30.12.39.39

MONTAGEM 1

PINO = PD - 32.22

BUCHA = BDCE-32.065

COLAR = CE2-32.115

BE2C - BASE DE ESTAMPO 2 COM COLAR DE ESFERAS

CÓDIGO	A1=A2	B2		B1	P1	P2	ØD1
		BUCHA	CAMISA				
BE2C - 20 .08 .24 .24	200	86	105	150	24	24	20
BE2C - 20 .08 .30 .24					30	24	
BE2C - 20 .08 .30 .30					30	30	
BE2C - 20 .12 .24 .24	200	129	136	200	24	24	25
BE2C - 20 .12 .30 .24					30	24	
BE2C - 20 .12 .30 .30					30	30	
BE2C - 25 .07 .24 .24	250	79	86	150	24	24	25
BE2C - 25 .07 .30 .24					30	24	
BE2C - 25 .07 .30 .30					30	30	
BE2C - 25 .12 .24 .24	250	129	136	200	24	24	25
BE2C - 25 .12 .30 .24					30	24	
BE2C - 25 .12 .30 .30					30	30	
BE2C - 25 .17 .30 .30	250	170,5	180	250	30	30	32
BE2C - 25 .17 .39 .30					39	30	
BE2C - 30 .17 .39 .39					39	39	
BE2C - 30 .12 .30 .30	300	120,5	130	200	30	30	32
BE2C - 30 .12 .39 .30					39	30	
BE2C - 30 .12 .39 .39					39	39	
BE2C - 30 .17 .30 .30	300	170,5	180	250	30	30	32
BE2C - 30 .17 .39 .30					39	30	
BE2C - 30 .17 .39 .39					39	39	
BE2C - 30 .20 .39 .39	300	206,5	216	300	49	39	40
BE2C - 30 .20 .49 .49					49	49	
BE2C - 35 .12 .39 .39					39	39	
BE2C - 35 .12 .49 .39	350	120,5	130	200	49	39	32
BE2C - 35 .12 .49 .49					49	49	
BE2C - 35 .15 .39 .39					39	39	
BE2C - 35 .15 .49 .39	350	156,5	166	250	49	39	40
BE2C - 35 .15 .49 .49					49	49	
BE2C - 35 .20 .39 .39					39	39	
BE2C - 35 .20 .49 .39	350	206,5	216	300	49	39	40
BE2C - 35 .20 .49 .49					49	49	
BE2C - 35 .25 .39 .39					39	39	
BE2C - 35 .25 .49 .39	350	256,5	266	350	49	39	40
BE2C - 35 .25 .49 .49					49	49	
BE2C - 40 .12 .39 .39					39	39	
BE2C - 40 .12 .49 .39	400	120,5	130	200	49	39	32
BE2C - 40 .12 .49 .49					49	49	
BE2C - 40 .15 .39 .39					39	39	
BE2C - 40 .15 .49 .39	400	156,5	166	250	49	39	40
BE2C - 40 .15 .49 .49					49	49	
BE2C - 40 .20 .39 .39					39	39	
BE2C - 40 .20 .49 .39	400	206,5	216	300	49	39	40
BE2C - 40 .20 .49 .49					49	49	
BE2C - 40 .25 .39 .39					39	39	
BE2C - 40 .25 .49 .39	400	256,5	266	350	49	39	40
BE2C - 40 .25 .49 .49					49	49	
BE2C - 40 .30 .39 .39					39	39	
BE2C - 40 .30 .49 .39	400	306,5	316	400	49	39	40
BE2C - 40 .30 .49 .49					49	49	
BE2C - 45 .15 .39 .39					39	39	
BE2C - 45 .15 .49 .39	450	156,5	166	250	49	39	40
BE2C - 45 .15 .49 .49					49	49	
BE2C - 45 .20 .39 .39					39	39	
BE2C - 45 .20 .49 .39	450	206,5	216	300	49	39	40
BE2C - 45 .20 .49 .49					49	49	
BE2C - 45 .20 .49 .49					49	49	

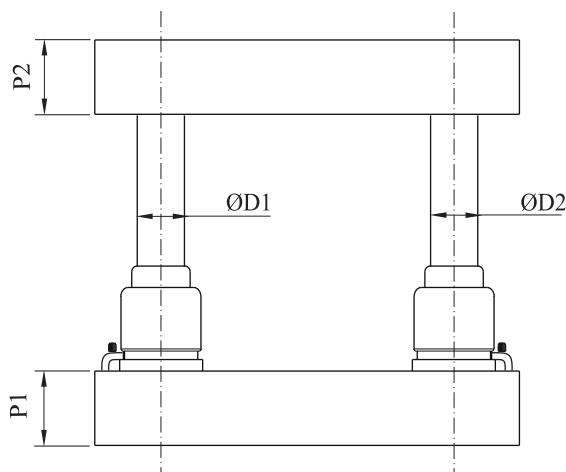
CÓDIGO	A1=A2	B2		B1	P1	P2	ØD1
		BUCHA	CAMISA				
BE2C - 45 .25 .39 .39	450	256,5	266	350	39	39	40
BE2C - 45 .25 .49 .39					49	39	
BE2C - 45 .25 .49 .49					49	49	
BE2C - 45 .30 .39 .39	450	306,5	316	400	39	39	40
BE2C - 45 .30 .49 .39					49	39	
BE2C - 45 .30 .49 .49					49	49	
BE2C - 45 .35 .39 .39	450	356,5	366	450	39	39	40
BE2C - 45 .35 .49 .39					49	39	
BE2C - 45 .35 .49 .49					49	49	
BE2C - 50 .15 .39 .39	500	156,5	166	250	39	39	40
BE2C - 50 .15 .49 .39					49	39	
BE2C - 50 .15 .49 .49					49	49	
BE2C - 50 .20 .39 .39	500	206,5	216	300	39	39	40
BE2C - 50 .20 .49 .39					49	39	
BE2C - 50 .20 .49 .49					49	49	
BE2C - 50 .25 .39 .39	500	256,5	266	350	39	39	40
BE2C - 50 .25 .49 .39					49	39	
BE2C - 50 .25 .49 .49					49	49	
BE2C - 50 .28 .49 .49	500	289,5	304	400	49	49	50
BE2C - 50 .28 .55 .49					55	49	
BE2C - 50 .28 .55 .55					55	55	
BE2C - 50 .38 .49 .49	500	389,5	404	500	49	49	50
BE2C - 50 .38 .55 .49					55	49	
BE2C - 50 .38 .55 .55					55	55	
BE2C - 60 .20 .49 .49	600	206,5	216	300	49	49	40
BE2C - 60 .20 .55 .49					55	49	
BE2C - 60 .20 .55 .55					55	55	
BE2C - 60 .23 .49 .49	600	239,5	254	350	49	49	50
BE2C - 60 .23 .55 .49					55	49	
BE2C - 60 .23 .55 .55					55	55	
BE2C - 60 .28 .49 .49	600	289,5	304	400	49	49	50
BE2C - 60 .28 .55 .49					55	49	
BE2C - 60 .28 .55 .55					55	55	
BE2C - 60 .38 .49 .49	600	389,5	404	500	49	49	50
BE2C - 60 .38 .55 .49					55	49	
BE2C - 60 .38 .55 .55					55	55	
BE2C - 60 .48 .49 .49	600	489,5	504	600	49	49	50
BE2C - 60 .48 .55 .49					55	49	
BE2C - 60 .48 .55 .55					55	55	
BE2C - 65 .20 .49 .49	650	206,5	216	300	49	49	40
BE2C - 65 .20 .55 .49					55	49	
BE2C - 65 .20 .55 .55					55	55	
BE2C - 65 .23 .49 .49	650	239,5	254	350	49	49	50
BE2C - 65 .23 .55 .49					55	49	
BE2C - 65 .23 .55 .55					55	55	
BE2C - 65 .28 .49 .49	650	289,5	304	400	49	49	50
BE2C - 65 .28 .55 .49					55	49	
BE2C - 65 .28 .55 .55					55	55	
BE2C - 65 .38 .49 .49	650	389,5	404	500	49	49	50
BE2C - 65 .38 .55 .49					55	49	
BE2C - 65 .38 .55 .55					55	55	
BE2C - 65 .48 .49 .49	650	489,5	504	600	49	49	50
BE2C - 65 .48 .55 .49					55	49	
BE2C - 65 .48 .55 .55					55	55	
BE2C - 65 .53 .49 .49	650	539,5	554	650	49	49	50
BE2C - 65 .53 .55 .49					55	49	
BE2C - 65 .53 .55 .55					55	55	

BE3C - BASE DE ESTAMPO 3 COM COLAR DE ESFERAS

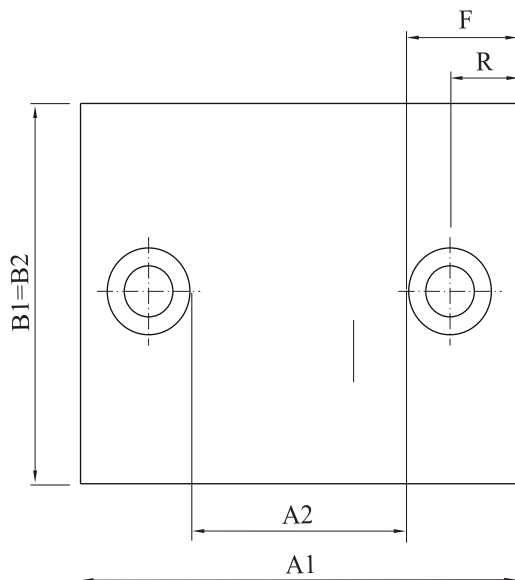
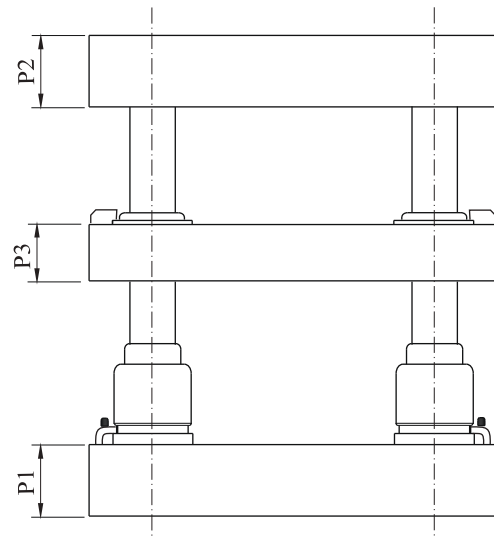


DISTÂNCIAS E DIÂMETROS DE PINOS				
ØD1	ØD2	DISTÂNCIA R	DISTÂNCIA F (BUCHA)	DISTÂNCIA F (CAMISA)
20	19	28	64	45
25	24	39	71	64
32	30	43	79,5	70
40	38	52	93,5	84
50	48	58	110,5	96
63	50	68	127	115

MONTAGEM 1



MONTAGEM 2



EXEMPLO PARA ENCOMENDA

BASE = BE3C-14.39.39.25

MONTAGEM 1

PINO = PD - 32.22

BUCHA = BDCE-32.065

COLAR = CE2-32.115

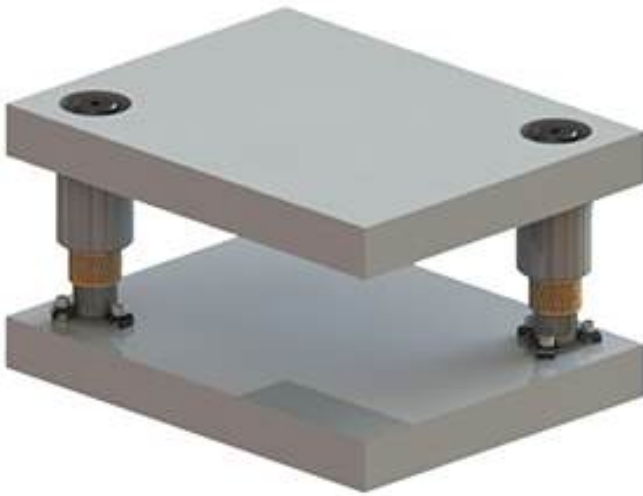
OBS: CASO NÃO SEJA ESPECIFICADO, A MONTAGEM 2 SERÁ FORNECIDA COM O COLAR DE ESFERAS TIPO 3 NA PLACA INTERMEDIÁRIA

BE3C - BASE DE ESTAMPO 3 COM COLAR DE ESFERAS

CÓDIGO	A2		A1	B1=B2	P1	P2	P3	ØD1
	BUCHA	CAMISA						
BE3C - 07 .24 .24 .15	72	110	200	150	24	24	24	20
BE3C - 07 .30 .24 .15					30	24		
BE3C - 07 .30 .30 .15					30	30		
BE3C - 05 .24 .24 .20	58	72	200	200	24	24	24	25
BE3C - 05 .30 .24 .20					30	24		
BE3C - 05 .30 .30 .20					30	30		
BE3C - 10 .24 .24 .15	108	122	250	150	24	24	24	25
BE3C - 10 .30 .24 .15					30	24		
BE3C - 10 .30 .30 .15					30	30		
BE3C - 10 .24 .24 .20	108	122	250	200	24	24	24	25
BE3C - 10 .30 .24 .20					30	24		
BE3C - 10 .30 .30 .20					30	30		
BE3C - 09 .30 .30 .25	91	110	250	250	30	30	30	32
BE3C - 09 .39 .30 .25					39	30		
BE3C - 09 .39 .39 .25					39	39		
BE3C - 14 .30 .30 .20	141	160	300	200	30	30	30	32
BE3C - 14 .39 .30 .20					39	30		
BE3C - 14 .39 .39 .20					39	39		
BE3C - 14 .30 .30 .25	141	160	300	250	30	30	30	32
BE3C - 14 .39 .30 .25					39	30		
BE3C - 14 .39 .39 .25					39	39		
BE3C - 11 .39 .39 .30	113	132	300	300	39	39	39	40
BE3C - 11 .49 .39 .30					49	39		
BE3C - 11 .49 .49 .30					49	49		
BE3C - 19 .39 .39 .20	191	210	350	200	39	39	39	32
BE3C - 19 .49 .39 .20					49	39		
BE3C - 19 .49 .49 .20					49	49		
BE3C - 16 .39 .39 .25	163	182	350	250	39	39	39	40
BE3C - 16 .49 .39 .25					49	39		
BE3C - 16 .49 .49 .25					49	49		
BE3C - 16 .39 .39 .30	163	182	350	300	39	39	39	40
BE3C - 16 .49 .39 .30					49	39		
BE3C - 16 .49 .49 .30					49	49		
BE3C - 16 .39 .39 .35	163	182	350	350	39	39	39	40
BE3C - 16 .49 .39 .35					49	39		
BE3C - 16 .49 .49 .35					49	49		
BE3C - 24 .39 .39 .20	241	260	400	200	39	39	39	32
BE3C - 24 .49 .39 .20					49	39		
BE3C - 24 .49 .49 .20					49	49		
BE3C - 21 .39 .39 .25	213	232	400	250	39	39	39	40
BE3C - 21 .49 .39 .25					49	39		
BE3C - 21 .49 .49 .25					49	49		
BE3C - 21 .39 .39 .30	213	232	400	300	39	39	39	40
BE3C - 21 .49 .39 .30					49	39		
BE3C - 21 .49 .49 .30					49	49		
BE3C - 21 .39 .39 .35	213	232	400	350	39	39	39	40
BE3C - 21 .49 .39 .35					49	39		
BE3C - 21 .49 .49 .35					49	49		
BE3C - 21 .39 .39 .40	213	232	400	400	39	39	39	40
BE3C - 21 .49 .39 .40					49	39		
BE3C - 21 .49 .49 .40					49	49		
BE3C - 26 .39 .39 .25	263	282	450	250	39	39	39	40
BE3C - 26 .49 .39 .25					49	39		
BE3C - 26 .49 .49 .25					49	49		
BE3C - 26 .39 .39 .30	263	282	450	300	39	39	39	40
BE3C - 26 .49 .39 .30					49	39		
BE3C - 26 .49 .49 .30					49	49		

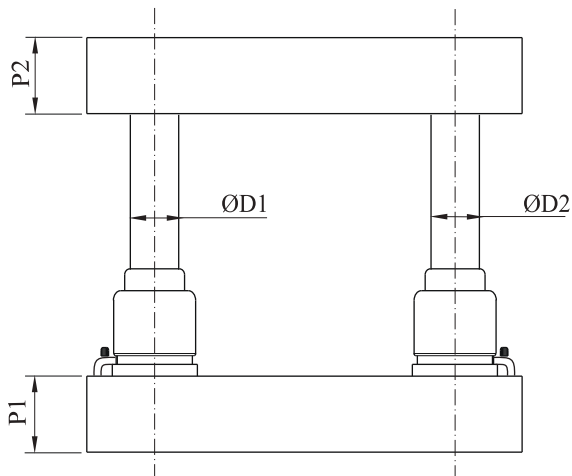
CÓDIGO	A2		A1	B1=B2	P1	P2	P3	ØD1
	BUCHA	CAMISA						
BE3C - 26 .39 .39 .35	263	282	450	350	39	39	39	40
BE3C - 26 .49 .39 .35					49	39		
BE3C - 26 .49 .49 .35					49	49		
BE3C - 26 .39 .39 .40	263	282	450	400	39	39	39	40
BE3C - 26 .49 .39 .40					49	39		
BE3C - 26 .49 .49 .40					49	49		
BE3C - 26 .39 .39 .45	263	282	450	450	39	39	39	40
BE3C - 26 .49 .39 .45					49	39		
BE3C - 26 .49 .49 .45					49	49		
BE3C - 31 .39 .39 .25	313	332	500	250	39	39	39	40
BE3C - 31 .49 .39 .25					49	39		
BE3C - 31 .49 .49 .25					49	49		
BE3C - 31 .39 .39 .30	313	332	500	300	39	39	39	40
BE3C - 31 .49 .39 .30					49	39		
BE3C - 31 .49 .49 .30					49	49		
BE3C - 31 .39 .39 .35	313	332	500	350	39	39	39	40
BE3C - 31 .49 .39 .35					49	39		
BE3C - 31 .49 .49 .35					49	49		
BE3C - 27 .49 .49 .40	279	308	500	400	49	49	49	50
BE3C - 27 .55 .49 .40					55	49		
BE3C - 27 .55 .55 .40					55	55		
BE3C - 27 .49 .49 .50	279	308	500	500	49	49	49	50
BE3C - 27 .55 .49 .50					55	49		
BE3C - 27 .55 .55 .50					55	55		
BE3C - 41 .49 .49 .30	413	4432	600	300	49	49	49	40
BE3C - 41 .55 .49 .30					55	49		
BE3C - 41 .55 .55 .30					55	55		
BE3C - 37 .49 .49 .35	379	408	600	350	49	49	49	50
BE3C - 37 .55 .49 .35					55	49		
BE3C - 37 .55 .55 .35					55	55		
BE3C - 37 .49 .49 .40	379	408	600	400	49	49	49	50
BE3C - 37 .55 .49 .40					55	49		
BE3C - 37 .55 .55 .40					55	55		
BE3C - 37 .49 .49 .50	379	408	600	500	49	49	49	50
BE3C - 37 .55 .49 .50					55	49		
BE3C - 37 .55 .55 .50					55	55		
BE3C - 37 .49 .49 .60	379	408	600	600	49	49	49	50
BE3C - 37 .55 .49 .60					55	49		
BE3C - 37 .55 .55 .60					55	55		
BE3C - 46 .49 .49 .30	463	482	650	300	49	49	49	40
BE3C - 46 .55 .49 .30					55	49		
BE3C - 46 .55 .55 .30					55	55		
BE3C - 42 .49 .49 .35	429	458	650	350	49	49	49	50
BE3C - 42 .55 .49 .35					55	49		
BE3C - 42 .55 .55 .35					55	55		
BE3C - 42 .49 .49 .40	429	458	650	400	49	49	49	50
BE3C - 42 .55 .49 .40					55	49		
BE3C - 42 .55 .55 .40					55	55		
BE3C - 42 .49 .49 .50	429	458	650	500	49	49	49	50
BE3C - 42 .55 .49 .50					55	49		
BE3C - 42 .55 .55 .50					55	55		
BE3C - 42 .49 .49 .60	429	458	650	600	49	49	49	50
BE3C - 42 .55 .49 .60					55	49		
BE3C - 42 .55 .55 .60					55	55		
BE3C - 42 .49 .49 .65	429	458	650	650	49	49	49	50
BE3C - 42 .55 .49 .65					55	49		
BE3C - 42 .55 .55 .65					55	55		

BE4C - BASE DE ESTAMPO 4 COM COLAR DE ESFERAS

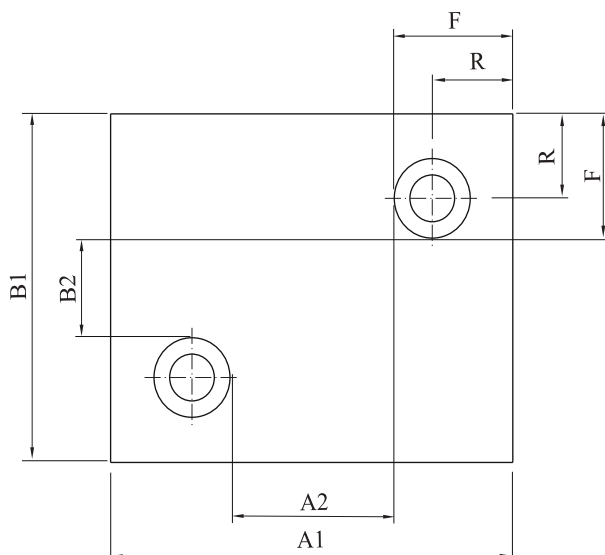
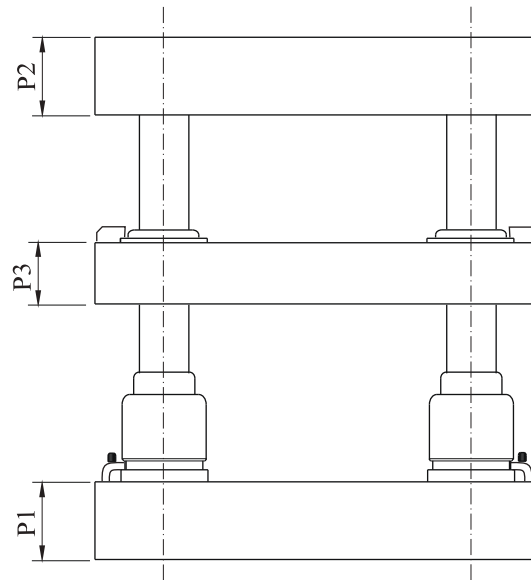


DISTÂNCIAS E DIÂMETROS DE PINOS				
ØD1	ØD2	DISTÂNCIA R	DISTÂNCIA F (BUCHA)	DISTÂNCIA F (CAMISA)
20	19	28	64	59,5
25	24	39	71	66,5
32	30	43	79,5	75
40	38	52	93,5	88,5
50	48	58	110,5	104,5
63	50	68	127	120,5

MONTAGEM 1



MONTAGEM 2



EXEMPLO PARA ENCOMENDA

BASE = BE4C-16.11.39.39

MONTAGEM 1

PINO = PD - 32.22

BUCHA = BDCE-32.065

COLAR = CE2-32.115

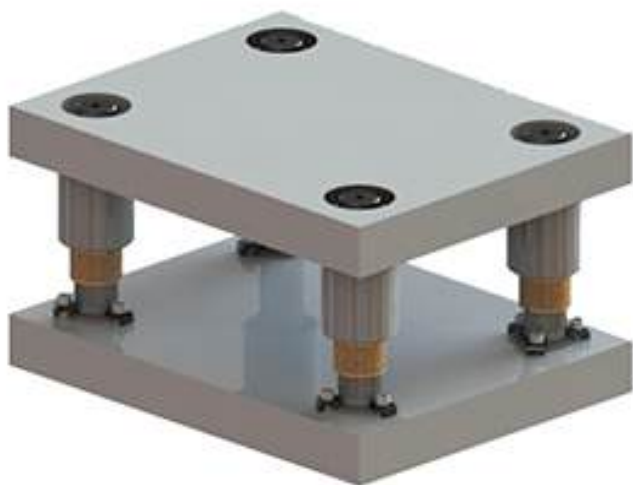
OBS: CASO NÃO SEJA ESPECIFICADO, A MONTAGEM 2 SERÁ FORNECIDA COM O COLAR DE ESFERAS TIPO 3 NA PLACA INTERMEDIÁRIA

BE4C - BASE DE ESTAMPO 4 COM COLAR DE ESFERAS

CÓDIGO	A2	B2	A1	B1	P1	P2	P3	ØD1
BE4 - 11 .06 .24 .24	110	60	200	150	24	24	24	20
BE4 - 11 .06 .30 .24					30	24		
BE4 - 11 .06 .30 .30					30	30		
BE4 - 07 .07 .24 .24	72	72	200	200	24	24	24	25
BE4 - 07 .07 .30 .24					30	24		
BE4 - 07 .07 .30 .30					30	30		
BE4 - 12 .02 .24 .24	122	22	250	150	24	24	24	25
BE4 - 12 .02 .30 .24					30	24		
BE4 - 12 .02 .30 .30					30	30		
BE4 - 12 .07 .24 .24	122	72	250	200	24	24	24	25
BE4 - 12 .07 .30 .24					30	24		
BE4 - 12 .07 .30 .30					30	30		
BE4 - 11 .11 .30 .30	110	110	250	250	30	30	30	32
BE4 - 11 .11 .39 .30					39	30		
BE4 - 11 .11 .39 .39					39	39		
BE4 - 16 .06 .30 .30	160	60	300	200	30	30	30	32
BE4 - 16 .06 .39 .30					39	30		
BE4 - 16 .06 .39 .39					39	39		
BE4 - 16 .11 .30 .30	160	110	300	250	30	30	30	32
BE4 - 16 .11 .39 .30					39	30		
BE4 - 16 .11 .39 .39					39	39		
BE4 - 13 .13 .39 .39	132	132	300	300	39	39	39	40
BE4 - 13 .13 .49 .39					49	39		
BE4 - 13 .13 .49 .49					49	49		
BE4 - 21 .06 .39 .39	210	60	350	200	39	39	39	32
BE4 - 21 .06 .49 .39					49	39		
BE4 - 21 .06 .49 .49					49	49		
BE4 - 18 .08 .39 .39	182	82	350	250	39	39	39	40
BE4 - 18 .08 .49 .39					49	39		
BE4 - 18 .08 .49 .49					49	49		
BE4 - 18 .13 .39 .39	182	132	350	300	39	39	39	40
BE4 - 18 .13 .49 .39					49	39		
BE4 - 18 .13 .49 .49					49	49		
BE4 - 18 .18 .39 .39	182	182	350	350	39	39	39	40
BE4 - 18 .18 .49 .39					49	39		
BE4 - 18 .18 .49 .49					49	49		
BE4 - 26 .06 .39 .39	260	60	400	200	39	39	39	32
BE4 - 26 .06 .49 .39					49	39		
BE4 - 26 .06 .49 .49					49	49		
BE4 - 23 .08 .39 .39	232	82	400	250	39	39	39	40
BE4 - 23 .08 .49 .39					49	39		
BE4 - 23 .08 .49 .49					49	49		
BE4 - 23 .13 .39 .39	232	132	400	300	39	39	39	40
BE4 - 23 .13 .49 .39					49	39		
BE4 - 23 .13 .49 .49					49	49		
BE4 - 23 .18 .39 .39	232	182	400	350	39	39	39	40
BE4 - 23 .18 .49 .39					49	39		
BE4 - 23 .18 .49 .49					49	49		
BE4 - 23 .23 .39 .39	232	232	400	400	39	39	39	40
BE4 - 23 .23 .49 .39					49	39		
BE4 - 23 .23 .49 .49					49	49		
BE4 - 28 .08 .39 .39	282	82	450	250	39	39	39	40
BE4 - 28 .08 .49 .39					49	39		
BE4 - 28 .08 .49 .49					49	49		
BE4 - 28 .13 .39 .39	282	132	450	300	39	39	39	40
BE4 - 28 .13 .49 .39					49	39		
BE4 - 28 .13 .49 .49					49	49		

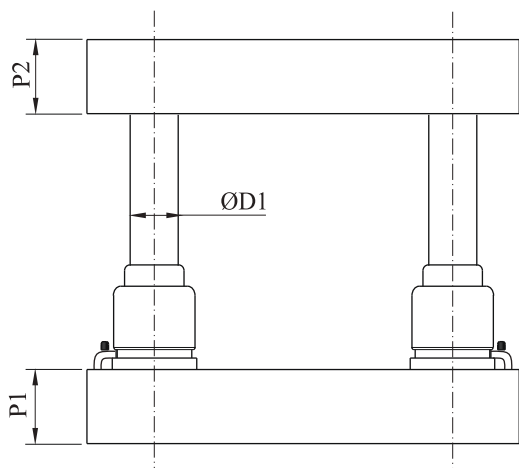
CÓDIGO	A2	B2	A1	B1	P1	P2	P3	ØD1
BE4 - 28 .18 .39 .39	282	182	450	350	39	39	39	40
BE4 - 28 .18 .49 .39					49	39		
BE4 - 28 .18 .49 .49					49	49		
BE4 - 28 .23 .39 .39	282	232	450	400	39	39	39	40
BE4 - 28 .23 .49 .39					49	39		
BE4 - 28 .23 .49 .49					49	49		
BE4 - 28 .28 .39 .39	282	282	450	450	39	39	39	40
BE4 - 28 .28 .49 .39					49	39		
BE4 - 28 .28 .49 .49					49	49		
BE4 - 33 .08 .39 .39	332	82	500	250	39	39	39	40
BE4 - 33 .08 .49 .39					49	39		
BE4 - 33 .08 .49 .49					49	49		
BE4 - 33 .13 .39 .39	332	132	500	300	39	39	39	40
BE4 - 33 .13 .49 .39					49	39		
BE4 - 33 .13 .49 .49					49	49		
BE4 - 33 .18 .39 .39	332	182	500	350	39	39	39	40
BE4 - 33 .18 .49 .39					49	39		
BE4 - 33 .18 .49 .49					49	49		
BE4 - 30 .20 .49 .49	308	208	500	400	55	49	49	50
BE4 - 30 .20 .55 .49					55	55		
BE4 - 30 .20 .55 .55					55	55		
BE4 - 30 .30 .49 .49	308	308	500	500	49	49	49	50
BE4 - 30 .30 .55 .49					55	49		
BE4 - 30 .30 .55 .55					55	55		
BE4 - 43 .13 .49 .49	432	132	600	300	49	49	49	40
BE4 - 43 .13 .55 .49					55	49		
BE4 - 43 .13 .55 .55					55	55		
BE4 - 40 .15 .49 .49	408	158	600	350	49	49	49	50
BE4 - 40 .15 .55 .49					55	49		
BE4 - 40 .15 .55 .55					55	55		
BE4 - 40 .20 .49 .49	408	208	600	400	49	49	49	50
BE4 - 40 .20 .55 .49					55	49		
BE4 - 40 .20 .55 .55					55	55		
BE4 - 40 .30 .49 .49	408	308	600	500	49	49	49	50
BE4 - 40 .30 .55 .49					55	49		
BE4 - 40 .30 .55 .55					55	55		
BE4 - 40 .40 .49 .49	408	408	600	600	49	49	49	50
BE4 - 40 .40 .55 .49					55	49		
BE4 - 40 .40 .55 .55					55	55		
BE4 - 48 .13 .49 .49	482	132	650	300	49	49	49	40
BE4 - 48 .13 .55 .49					55	49		
BE4 - 48 .13 .55 .55					55	55		
BE4 - 45 .15 .49 .49	458	158	650	350	49	49	49	50
BE4 - 45 .15 .55 .49					55	49		
BE4 - 45 .15 .55 .55					55	55		
BE4 - 45 .20 .49 .49	458	208	650	400	49	49	49	50
BE4 - 45 .20 .55 .49					55	49		
BE4 - 45 .20 .55 .55					55	55		
BE4 - 45 .30 .49 .49	458	308	650	500	49	49	49	50
BE4 - 45 .30 .55 .49					55	49		
BE4 - 45 .30 .55 .55					55	55		
BE4 - 45 .40 .49 .49	458	408	650	600	49	49	49	50
BE4 - 45 .40 .55 .49					55	49		
BE4 - 45 .40 .55 .55					55	55		
BE4 - 45 .45 .49 .49	458	458	650	650	49	49	49	50
BE4 - 45 .45 .55 .49					55	49		
BE4 - 45 .45 .55 .55					55	55		

BE5C - BASE DE ESTAMPO 5 COM COLAR DE ESFERAS

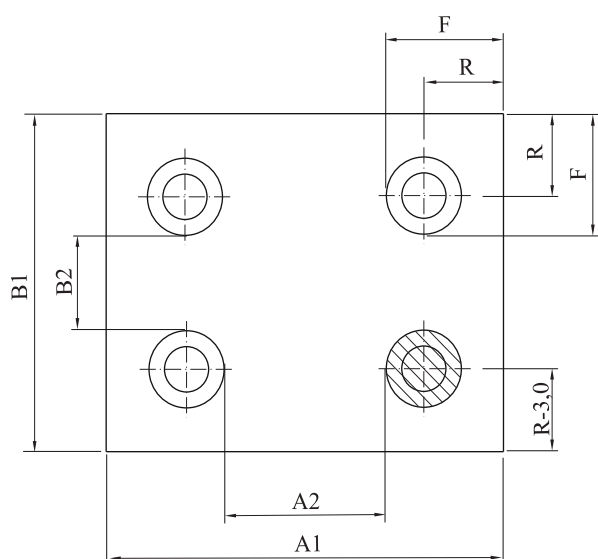
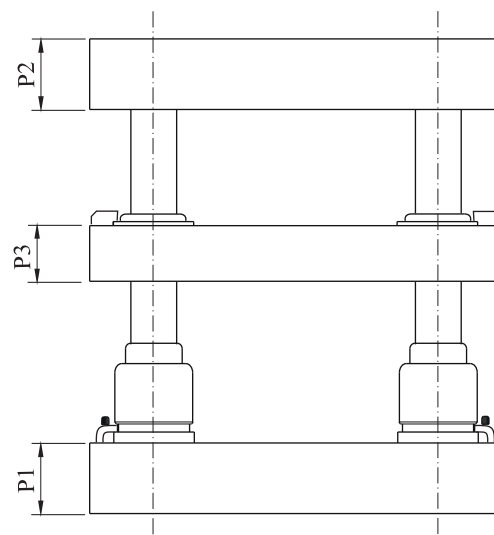


DISTÂNCIAS E DIÂMETROS DE PINOS			
ØD1	DISTÂNCIA R	DISTÂNCIA F (BUCHA)	DISTÂNCIA F (CAMISA)
20	28	64	45
25	39	71	64
32	43	79,5	70
40	52	93,5	84
50	58	110,5	96
63	68	127	115

MONTAGEM 1



MONTAGEM 2



EXEMPLO PARA ENCOMENDA

BASE = BE5C-21.06.49.49
MONTAGEM 1
PINO = PD - 32.22
BUCHA = BDCE-32.065
COLAR = CE2-32.115

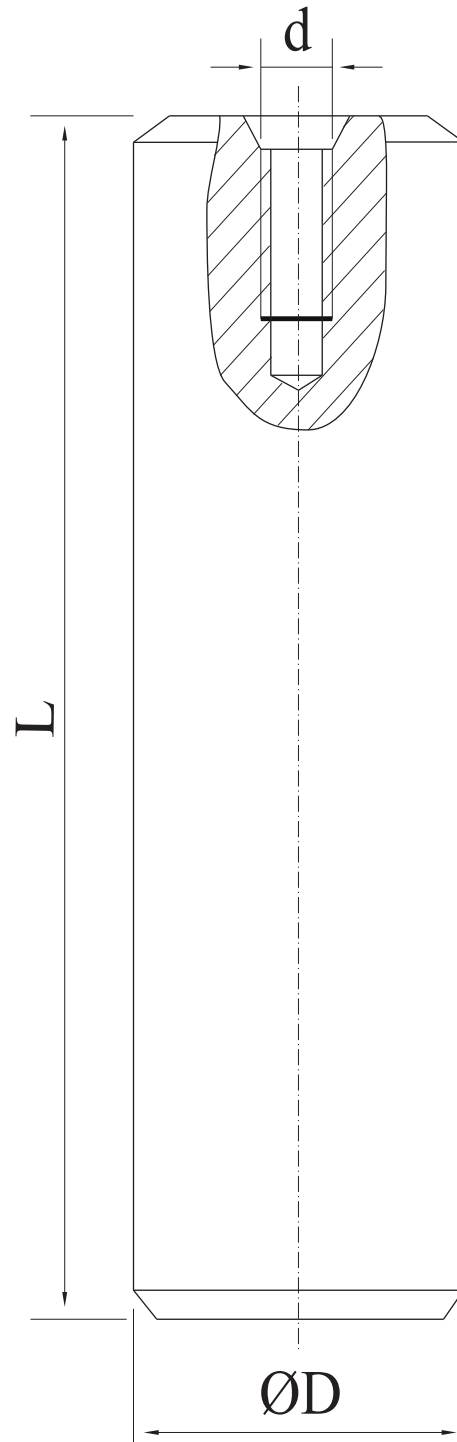
OBS: CASO NÃO SEJA ESPECIFICADO, A MONTAGEM 2 SERÁ FORNECIDA COM O COLAR DE ESFERAS TIPO 3 NA PLACA INTERMEDIÁRIA

BE5C - BASE DE ESTAMPO 5 COM COLAR DE ESFERAS

CÓDIGO	A2	B2	A1	B1	P1	P2	P3	ØD1
BE5 - 11 .06 .24 .24	110	60	200	150	24	24	24	20
BE5 - 11 .06 .30 .24					30	24		
BE5 - 11 .06 .30 .30					30	30		
BE5 - 07 .07 .24 .24	72	72	200	200	24	24	24	25
BE5 - 07 .07 .30 .24					30	24		
BE5 - 07 .07 .30 .30					30	30		
BE5 - 12 .02 .24 .24	122	22	250	150	24	24	24	25
BE5 - 12 .02 .30 .24					30	24		
BE5 - 12 .02 .30 .30					30	30		
BE5 - 12 .07 .24 .24	122	72	250	200	24	24	24	25
BE5 - 12 .07 .30 .24					30	24		
BE5 - 12 .07 .30 .30					30	30		
BE5 - 11 .11 .30 .30	110	110	250	250	30	30	30	32
BE5 - 11 .11 .39 .30					39	30		
BE5 - 11 .11 .39 .39					39	39		
BE5 - 16 .06 .30 .30	160	60	300	200	30	30	30	32
BE5 - 16 .06 .39 .30					39	30		
BE5 - 16 .06 .39 .39					39	39		
BE5 - 16 .11 .30 .30	160	110	300	250	30	30	30	32
BE5 - 16 .11 .39 .30					39	30		
BE5 - 16 .11 .39 .39					39	39		
BE5 - 13 .13 .39 .39	132	132	300	300	39	39	39	40
BE5 - 13 .13 .49 .39					49	39		
BE5 - 13 .13 .49 .49					49	49		
BE5 - 21 .06 .39 .39	210	60	350	200	39	39	39	32
BE5 - 21 .06 .49 .39					49	39		
BE5 - 21 .06 .49 .49					49	49		
BE5 - 18 .08 .39 .39	182	82	350	250	39	39	39	40
BE5 - 18 .08 .49 .39					49	39		
BE5 - 18 .08 .49 .49					49	49		
BE5 - 18 .13 .39 .39	182	132	350	300	39	39	39	40
BE5 - 18 .13 .49 .39					49	39		
BE5 - 18 .13 .49 .49					49	49		
BE5 - 18 .18 .39 .39	182	182	350	350	39	39	39	40
BE5 - 18 .18 .49 .39					49	39		
BE5 - 18 .18 .49 .49					49	49		
BE5 - 26 .06 .39 .39	260	60	400	200	39	39	39	32
BE5 - 26 .06 .49 .39					49	39		
BE5 - 26 .06 .49 .49					49	49		
BE5 - 23 .08 .39 .39	232	82	400	250	39	39	39	40
BE5 - 23 .08 .49 .39					49	39		
BE5 - 23 .08 .49 .49					49	49		
BE5 - 23 .13 .39 .39	232	132	400	300	39	39	39	40
BE5 - 23 .13 .49 .39					49	39		
BE5 - 23 .13 .49 .49					49	49		
BE5 - 23 .18 .39 .39	232	182	400	350	39	39	39	40
BE5 - 23 .18 .49 .39					49	39		
BE5 - 23 .18 .49 .49					49	49		
BE5 - 23 .23 .39 .39	232	232	400	400	39	39	39	40
BE5 - 23 .23 .49 .39					49	39		
BE5 - 23 .23 .49 .49					49	49		
BE5 - 28 .08 .39 .39	282	82	450	250	39	39	39	40
BE5 - 28 .08 .49 .39					49	39		
BE5 - 28 .08 .49 .49					49	49		
BE5 - 28 .13 .39 .39	282	132	450	300	39	39	39	40
BE5 - 28 .13 .49 .39					49	39		
BE5 - 28 .13 .49 .49					49	49		
BE5 - 28 .18 .39 .39	282	182	450	350	39	39	39	40
BE5 - 28 .18 .49 .39					49	39		
BE5 - 28 .18 .49 .49					49	49		
BE5 - 28 .23 .39 .39	282	232	450	400	39	39	39	40
BE5 - 28 .23 .49 .39					49	39		
BE5 - 28 .23 .49 .49					49	49		
BE5 - 28 .28 .39 .39	282	282	450	450	39	39	39	40
BE5 - 28 .28 .49 .39					49	39		
BE5 - 28 .28 .49 .49					49	49		
BE5 - 33 .08 .39 .39	332	82	500	250	39	39	39	40
BE5 - 33 .08 .49 .39					49	39		
BE5 - 33 .08 .49 .49					49	49		

CÓDIGO	A2	B2	A1	B1	P1	P2	P3	ØD1
BE5 - 33 .13 .39 .39	332	132	500	300	39	39	39	40
BE5 - 33 .13 .49 .39					49	39		
BE5 - 33 .13 .49 .49					49	49		
BE5 - 33 .18 .39 .39	332	182	500	350	39	39	39	40
BE5 - 33 .18 .49 .39					49	39		
BE5 - 33 .18 .49 .49					49	49		
BE5 - 30 .20 .49 .49	308	208	500	400	49	49	49	50
BE5 - 30 .20 .55 .49					55	49		
BE5 - 30 .20 .55 .55					55	55		
BE5 - 30 .30 .49 .49	308	308	500	500	49	49	49	50
BE5 - 30 .30 .55 .49					55	49		
BE5 - 30 .30 .55 .55					55	55		
BE5 - 43 .13 .49 .49	432	132	600	300	49	49	49	40
BE5 - 43 .13 .55 .49					55	49		
BE5 - 43 .13 .55 .55					55	55		
BE5 - 40 .15 .49 .49	408	158	600	350	49	49	49	50
BE5 - 40 .15 .55 .49					55	49		
BE5 - 40 .15 .55 .55					55	55		
BE5 - 40 .20 .49 .49	408	208	600	400	49	49	49	50
BE5 - 40 .20 .55 .49					55	49		
BE5 - 40 .20 .55 .55					55	55		
BE5 - 40 .30 .49 .49	408	308	600	500	49	49	49	50
BE5 - 40 .30 .55 .49					55	49		
BE5 - 40 .30 .55 .55					55	55		
BE5 - 40 .40 .49 .49	408	408	600	600	49	49	49	50
BE5 - 40 .40 .55 .49					55	49		
BE5 - 40 .40 .55 .55					55	55		
BE5 - 48 .13 .49 .49	482	132	650	300	49	49	49	40
BE5 - 48 .13 .55 .49					55	49		
BE5 - 48 .13 .55 .55					55	55		
BE5 - 45 .15 .49 .49	458	158	650	350	49	49	49	50
BE5 - 45 .15 .55 .49					55	49		
BE5 - 45 .15 .55 .55					55	55		
BE5 - 45 .20 .49 .49	458	208	650	400	49	49	49	50
BE5 - 45 .20 .55 .49					55	49		
BE5 - 45 .20 .55 .55					55	55		
BE5 - 45 .30 .49 .49	458	308	650	500	49	49	49	50
BE5 - 45 .30 .55 .49					55	49		
BE5 - 45 .30 .55 .55					55	55		
BE5 - 45 .40 .49 .49	458	408	650	600	49	49	49	50
BE5 - 45 .40 .55 .49					55	49		
BE5 - 45 .40 .55 .55					55	55		
BE5 - 45 .45 .49 .49	458	458	650	650	49	49	49	50
BE5 - 45 .45 .55 .49					55	49		
BE5 - 45 .45 .55 .55					55	55		
BE5 - 60 .20 .49 .49	608	208	800	400	49	49	49	50
BE5 - 60 .20 .55 .49					55	49		
BE5 - 60 .20 .55 .55					55	55		
BE5 - 60 .30 .49 .49	608	308	800	500	49	49	49	50
BE5 - 60 .30 .55 .49					55	49		
BE5 - 60 .30 .55 .55					55	55		
BE5 - 60 .40 .62 .62	608	408	800	600	62	62	62	50
BE5 - 60 .40 .75 .62					75	62		
BE5 - 60 .40 .75 .75					75	75		
BE5 - 60 .45 .62 .62	608	458	800	650	62	62	62	50
BE5 - 60 .45 .75 .62					75	62		
BE5 - 60 .45 .75 .75					75	75		
BE5 - 77 .27 .62 .62	770	270	1000	500	62	62	62	63
BE5 - 77 .27 .75 .62					75	62		
BE5 - 77 .27 .75 .75					75	75		
BE5 - 77 .37 .62 .62	770	370	1000	600	62	62	62	63
BE5 - 77 .37 .75 .62					75	62		
BE5 - 77 .37 .75 .75					75	75		
BE5 - 77 .42 .62 .62	770	420	1000	650	62	62	62	63
BE5 - 77 .42 .75 .62					75	62		
BE5 - 77 .42 .75 .75					75	75		
BE5 - 77 .57 .62 .62	770	570	1000	800	62	62	62	63
BE5 - 77 .57 .75 .62					75	62		
BE5 - 77 .57 .75 .75					75	75		

PL - PINO LISO



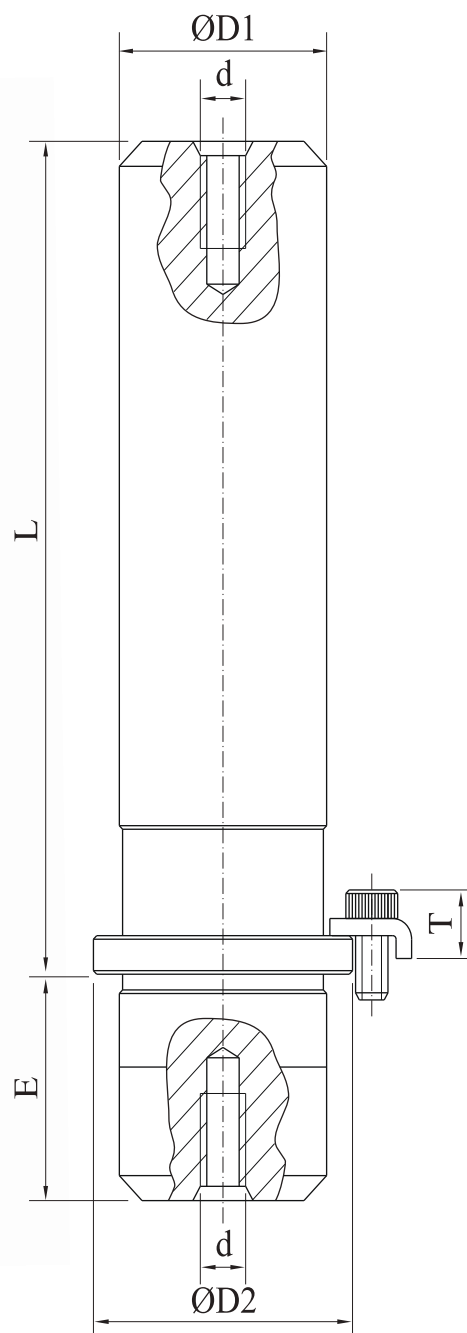
PL - PINO LISO

CÓDIGO	ØD	L	Ød	CÓDIGO	ØD	L	Ød	CÓDIGO	ØD	L	Ød
PL-19 .10	19	100	M6	PL-30 .11	30	110	M8	PL-40 .20	40	200	M8
PL-19 .11		110		PL-30 .12		125		PL-40 .22		220	
PL-19 .12		125		PL-30 .14		140		PL-40 .25		250	
PL-19 .14		140		PL-30 .16		160		PL-40 .28		280	
PL-19 .16		160		PL-30 .18		180		PL-40 .31		315	
PL-19 .18		180		PL-30 .20		200		PL-40 .35		355	
PL-19 .20		200		PL-30 .22		220		PL-48 .16	48	160	M8
PL-20 .10	20	100	M6	PL-30 .25		250		PL-48 .18		180	
PL-20 .11		110		PL-30 .28		280		PL-48 .20		200	
PL-20 .12		125		PL-30 .31		315		PL-48 .22		220	
PL-20 .14		140		PL-32 .11	32	110	M8	PL-48 .25		250	
PL-20 .16		160		PL-32 .12		125		PL-48 .28		280	
PL-20 .18		180		PL-32 .14		140		PL-48 .31		315	
PL-20 .20		200		PL-32 .16		160		PL-48 .35		355	
PL-24 .10	24	100	M6	PL-32 .18		180		PL-48 .40		400	
PL-24 .11		110		PL-32 .20		200		PL-48 .45		450	
PL-24 .12		125		PL-32 .22		220		PL-50 .16	50	160	M8
PL-24 .14		140		PL-32 .25		250		PL-50 .18		180	
PL-24 .16		160		PL-32 .28		280		PL-50 .20		200	
PL-24 .18		180		PL-32 .31		315		PL-50 .22		220	
PL-24 .20		200		PL-38 .12	38	125	M8	PL-50 .25		250	
PL-24 .22		220		PL-38 .14		140		PL-50 .28		280	
PL-24 .25		250		PL-38 .16		160		PL-50 .31		315	
PL-24 .28		280		PL-38 .18		180		PL-50 .35		355	
PL-25 .10	25	100	M6	PL-38 .20		200		PL-50 .40		400	
PL-25 .11		110		PL-38 .22		220		PL-50 .45		450	
PL-25 .12		125		PL-38 .25		250		PL-63 .20	63	200	M10
PL-25 .14		140		PL-38 .28		280		PL-63 .22		220	
PL-25 .16		160		PL-38 .31		315		PL-63 .25		250	
PL-25 .18		180		PL-38 .35		355		PL-63 .28		280	
PL-25 .20		200		PL-40 .12	40	125	M8	PL-63 .31		315	
PL-25 .22		220		PL-40 .14		140		PL-63 .35		355	
PL-25 .25		250		PL-40 .16		160		PL-63 .40		400	
PL-25 .28		280		PL-40 .18		180		PL-63 .45		450	

Código para encomenda:

Ex: PL-25.22

PD - PINO DESMONTÁVEL FIXAÇÃO POR GRAMPOS



DIÂMETRO PINO	ØD2	E	Ød
19	25	20	M6
20			
24	32	25	M6
25			
30	40	32	M8
32			
38	50	40	M8
40			
48	63	45	M8
50			
63	75	50	M10

PD - PINO DESMONTÁVEL FIXAÇÃO POR GRAMPOS

CÓDIGO	ØD	L	CÓDIGO	ØD	L	CÓDIGO	ØD	L
PD-19 .08	19	80	PD-30 .10	30	100	PD-40 .25	40	250
PD-19 .09		90	PD-30 .11		110	PD-40 .28		280
PD-19 .10		100	PD-30 .12		125	PD-40 .31		315
PD-19 .11		110	PD-30 .14		140	PD-40 .35		355
PD-19 .12		125	PD-30 .16		160	PD-48 .11	48	110
PD-19 .14		140	PD-30 .18		180	PD-48 .12		125
PD-19 .16		160	PD-30 .20		200	PD-48 .14		140
PD-19 .18		180	PD-30 .22		220	PD-48 .16		160
PD-19 .20		200	PD-30 .25		250	PD-48 .18		180
PD-20 .08	20	80	PD-30 .28		280	PD-48 .20		200
PD-20 .09		90	PD-30 .31		315	PD-48 .22		220
PD-20 .10		100	PD-32 .10	32	100	PD-48 .25		250
PD-20 .11		110	PD-32 .11		110	PD-48 .28		280
PD-20 .12		125	PD-32 .12		125	PD-48 .31		315
PD-20 .14		140	PD-32 .14		140	PD-48 .35		355
PD-20 .16		160	PD-32 .16		160	PD-48 .4		40
PD-20 .18		180	PD-32 .18		180	PD-48 .45		450
PD-20 .20		200	PD-32 .20		200	PD-50 .11	50	110
PD-24 .08	24	80	PD-32 .22		220	PD-50 .12		125
PD-24 .09		90	PD-32 .25		250	PD-50 .14		140
PD-24 .10		100	PD-32 .28		280	PD-50 .16		160
PD-24 .11		110	PD-32 .31		315	PD-50 .18		180
PD-24 .12		125	PD-38 .10	38	100	PD-50 .20		200
PD-24 .14		140	PD-38 .11		110	PD-50 .22		220
PD-24 .16		160	PD-38 .12		125	PD-50 .25		250
PD-24 .18		180	PD-38 .14		140	PD-50 .28		280
PD-24 .20		200	PD-38 .16		160	PD-50 .31		315
PD-24 .22		220	PD-38 .18		180	PD-50 .35		355
PD-24 .25		250	PD-38 .20		200	PD-50 .40		400
PD-24 .28		280	PD-38 .22		220	PD-50 .45		450
PD-25 .08	25	80	PD-38 .25		250	PD-63 .12	63	125
PD-25 .09		90	PD-38 .28		280	PD-63 .14		140
PD-25 .10		100	PD-38 .31		315	PD-63 .16		160
PD-25 .11		110	PD-38 .35		355	PD-63 .18		180
PD-25 .12		125	PD-40 .10	40	100	PD-63 .20		200
PD-25 .14		140	PD-40 .11		110	PD-63 .22		220
PD-25 .16		160	PD-40 .12		125	PD-63 .25		250
PD-25 .18		180	PD-40 .14		140	PD-63 .28		280
PD-25 .20		200	PD-40 .16		160	PD-63 .31		315
PD-25 .22		220	PD-40 .18		180	PD-63 .35		355
PD-25 .25		250	PD-40 .20		200	PD-63 .40		400
PD-25 .28		280	PD-40 .22		220	PD-63 .45		450

Código para encomenda:

Ex: PD-25.22

PDC - PINO DESMONTÁVEL FIXAÇÃO CENTRAL



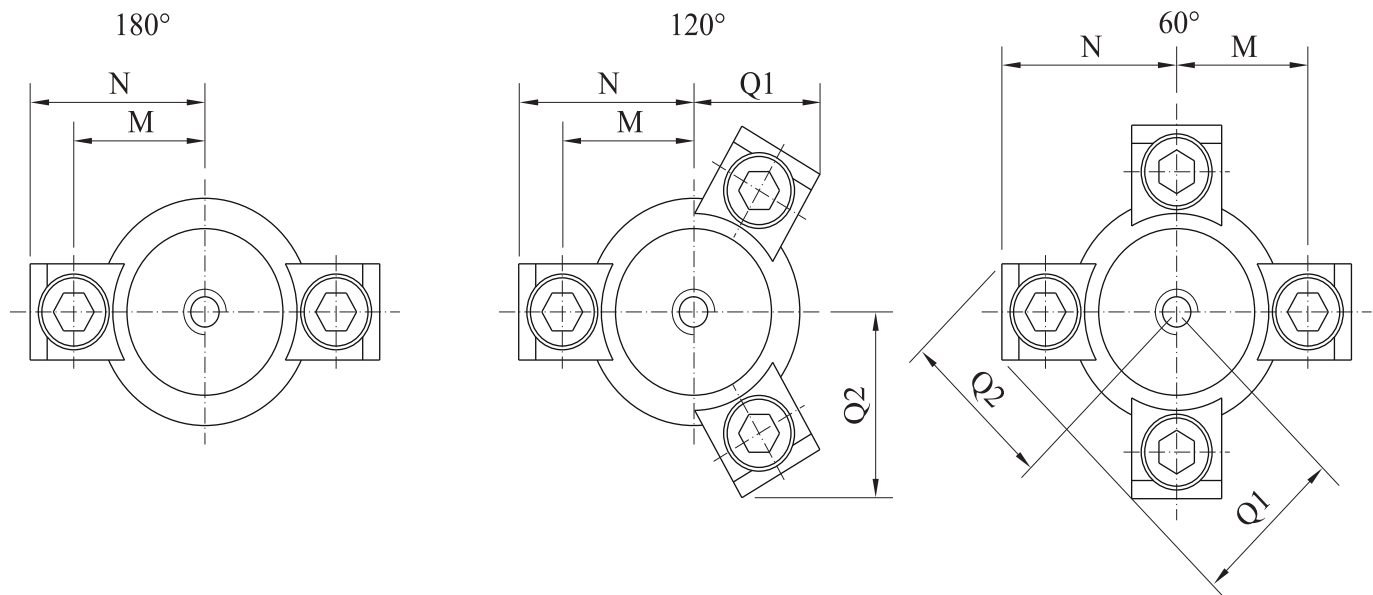
DIÂMETRO PINO	ØD2	E	ARRUELA	Ød	C min.
19 20	25	20	AF-1925	M6	30
24 25	32	25	AF-2432	M6	35
30 32	40	32	AF-3040	M8	45
38 40	50	40	AF-3850	M8	56
48 50	63	45	AF-4853	M8	63
63	75	50	AF-6376	M10	75

PDC - PINO DESMONTÁVEL FIXAÇÃO CENTRAL

CÓDIGO	ØD	L	CÓDIGO	ØD	L	CÓDIGO	ØD	L
PDC-19 .08	19	80	PDC-30 .10	30	100	PDC-40 .25	40	250
PDC-19 .09		90	PDC-30 .11		110	PDC-40 .28		280
PDC-19 .10		100	PDC-30 .12		125	PDC-40 .31		315
PDC-19 .11		110	PDC-30 .14		140	PDC-40 .35		355
PDC-19 .12		125	PDC-30 .16		160	PDC-48 .11	48	110
PDC-19 .14		140	PDC-30 .18		180	PDC-48 .12		125
PDC-19 .16		160	PDC-30 .20		200	PDC-48 .14		140
PDC-19 .18		180	PDC-30 .22		220	PDC-48 .16		160
PDC-19 .20		200	PDC-30 .25		250	PDC-48 .18		180
PDC-20 .08	20	80	PDC-30 .28		280	PDC-48 .20		200
PDC-20 .09		90	PDC-30 .31		315	PDC-48 .22		220
PDC-20 .10		100	PDC-32 .10	32	100	PDC-48 .25		250
PDC-20 .11		110	PDC-32 .11		110	PDC-48 .28		280
PDC-20 .12		125	PDC-32 .12		125	PDC-48 .31		315
PDC-20 .14		140	PDC-32 .14		140	PDC-48 .35		355
PDC-20 .16		160	PDC-32 .16		160	PDC-48 .40		400
PDC-20 .18		180	PDC-32 .18		180	PDC-48 .45		450
PDC-20 .20		200	PDC-32 .20		200	PDC-50 .11	50	110
PDC-24 .08	24	80	PDC-32 .22		220	PDC-50 .12		125
PDC-24 .09		90	PDC-32 .25		250	PDC-50 .14		140
PDC-24 .10		100	PDC-32 .28		280	PDC-50 .16		160
PDC-24 .11		110	PDC-32 .31		315	PDC-50 .18		180
PDC-24 .12		125	PDC-38 .10	38	100	PDC-50 .20		200
PDC-24 .14		140	PDC-38 .11		110	PDC-50 .22		220
PDC-24 .16		160	PDC-38 .12		125	PDC-50 .25		250
PDC-24 .18		180	PDC-38 .14		140	PDC-50 .28		280
PDC-24 .20		200	PDC-38 .16		160	PDC-50 .31		315
PDC-24 .22		220	PDC-38 .18		180	PDC-50 .35		355
PDC-24 .25		250	PDC-38 .20		200	PDC-50 .40		400
PDC-24 .28		280	PDC-38 .22		220	PDC-50 .45		450
PDC-25 .08	25	80	PDC-38 .25		250	PDC-63 .12	63	125
PDC-25 .09		90	PDC-38 .28		280	PDC-63 .14		140
PDC-25 .10		100	PDC-38 .31		315	PDC-63 .16		160
PDC-25 .11		110	PDC-38 .35		355	PDC-63 .18		180
PDC-25 .12		125	PDC-40 .10	40	100	PDC-63 .20		200
PDC-25 .14		140	PDC-40 .11		110	PDC-63 .22		220
PDC-25 .16		160	PDC-40 .12		125	PDC-63 .25		250
PDC-25 .18		180	PDC-40 .14		140	PDC-63 .28		280
PDC-25 .20		200	PDC-40 .16		160	PDC-63 .31		315
PDC-25 .22		220	PDC-40 .18		180	PDC-63 .35		355
PDC-25 .25		250	PDC-40 .20		200	PDC-63 .40		400
PDC-25 .28		280	PDC-40 .22		220	PDC-63 .45		450

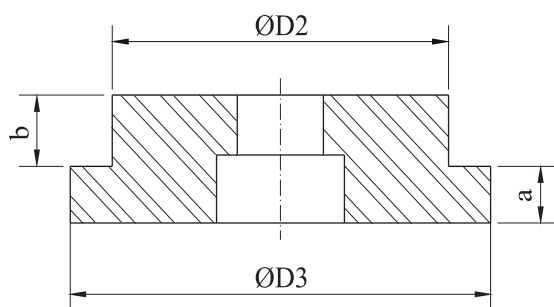
Código para encomenda:
Ex: PDC-25.22

PINO DESMONTÁVEL FIXAÇÃO POR GRAMPOS



DIÂMETRO PINO	ØD2	ØD	E	T	GRAMPO	QNT. GRAMPO	PARAFUSO DO GRAMPO	M	N	Q1	Q2
19	25	M6	20	12,3	GR 12	2	M6x16	16	23	-	-
20											
24	32	M6	25	15,8	GR 14	2	M6x16	20,3	30,3	-	-
25											
30	40	M8	32	15,8	GR 14	3	M6x16	24	34	23,9	33,4
32											
38	50	M8	40	17,8	GR 19	3	M8x20	30	40	26,9	38,6
40											
48	63	M8	45	17,8	GR 19	4	M8x20	36,5	46,5	38,5	38,5
50											
63	75	M10	50	17,8	GR 19	4	M8x20	41,8	51,8	42,3	42,3

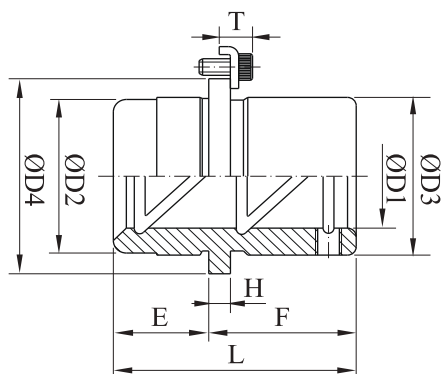
ARRUELA DE FIXAÇÃO CENTRAL DO PINO DESMONTÁVEL - TIPO PDC



DIÂMETRO PINO	ØD2	ØD3	a	b
AF 19 25	18	25	5	4,2
AF 24 32	23	32	5	4
AF 30 40	29	40	5	7
AF 38 50	37	50	5	10
AF 48 63	47	63	5	13
AF 63 76	62	76	5	19

Código para encomenda:
Ex: AF 4863

BUCHA DESMONTÁVEL



BUCHA CURTA - BC

CÓDIGO	ØD1	F	L	ØD2	ØD3	ØD4	E	H	T
BC-19	19	16	34	28	29	32,5	18	3,2	12,3
BC-20	20								
BC-24	24	20	42	38	42	47	22	5	15,8
BC-25	25								
BC-30	30	20	45	45	49	54	25	5	15,8
BC-32	32								
BC-38	38	20	50	54	58	63	30	5	17,8
BC-40	40								
BC-48	48	20	55	65	70	75	35	5	17,8
BC-50	50								
BC-63	63	20	68	81	88	93	48	5	17,8

Código para encomenda:

Ex: BC-50

BUCHA NORMAL - BN

CÓDIGO	ØD1	F	L	ØD2	ØD3	ØD4	E	H	T
BN-19	19	32	50	28	29	32,5	18	3,2	12,3
BN-20	20								
BN-24	24	50	72	38	42	47	22	5	15,8
BN-25	25								
BN-30	30	50	75	45	49	54	25	5	15,8
BN-32	32								
BN-38	38	50	80	54	58	63	30	5	17,8
BN-40	40								
BN-48	48	50	85	65	70	75	35	5	17,8
BN-50	50								
BN-63	63	50	98	81	88	93	48	5	17,8

Código para encomenda:

Ex: BN-50

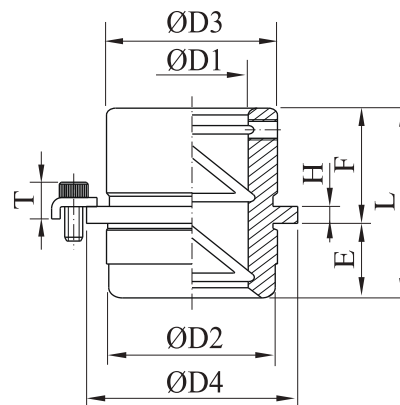
BUCHA LONGA - BL

CÓDIGO	ØD1	F	L	ØD2	ØD3	ØD4	E	H	T
BL-24	24	75	97	38	42	47	22	5	15,8
BL-25	25								
BL-30	30	75	100	45	49	54	25	5	15,8
BL-32	32								
BL-38	38	75	105	54	58	63	30	5	17,8
BL-40	40								
BL-48	48	75	110	65	70	75	35	5	17,8
BL-50	50								
BL-63	63	75	123	81	88	93	48	5	17,8

Código para encomenda:

Ex: BL-50

BUCHA DESMONTÁVEL EXTRA CURTA

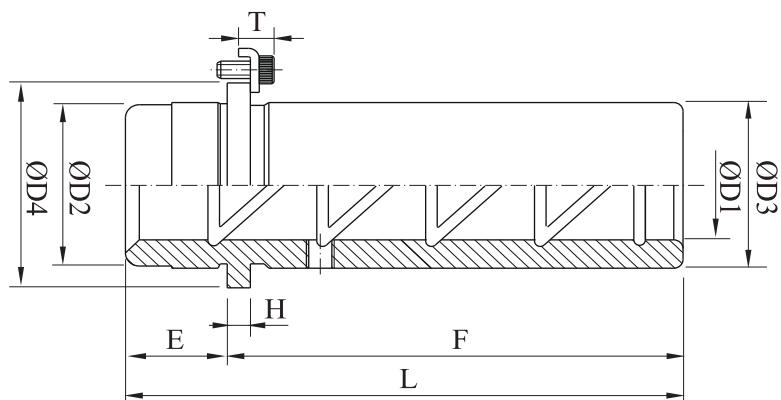


CÓDIGO	ØD1	F	L	ØD2	ØD3	ØD4	E	H	T
BEC-19	19	10	28	28	29	32,5	18	3,2	11,7
BEC-20	20								
BEC-24	24	10	33	38	36	47	23	5	10
BEC-25	25								
BEC-30	30	10	40	45	43	54	30	5	10
BEC-32	32								
BEC-38	38	14	52	54	50	63	38	5	13
BEC-40	40								
BEC-48	48	14	62	65	64	75	48	5	13
BEC-50	50								
BEC-63	63	14	75	81	79	93	61	5	13

Código para encomenda:

Ex: BEC-50

BUCHA DESMONTÁVEL EXTRA LONGA

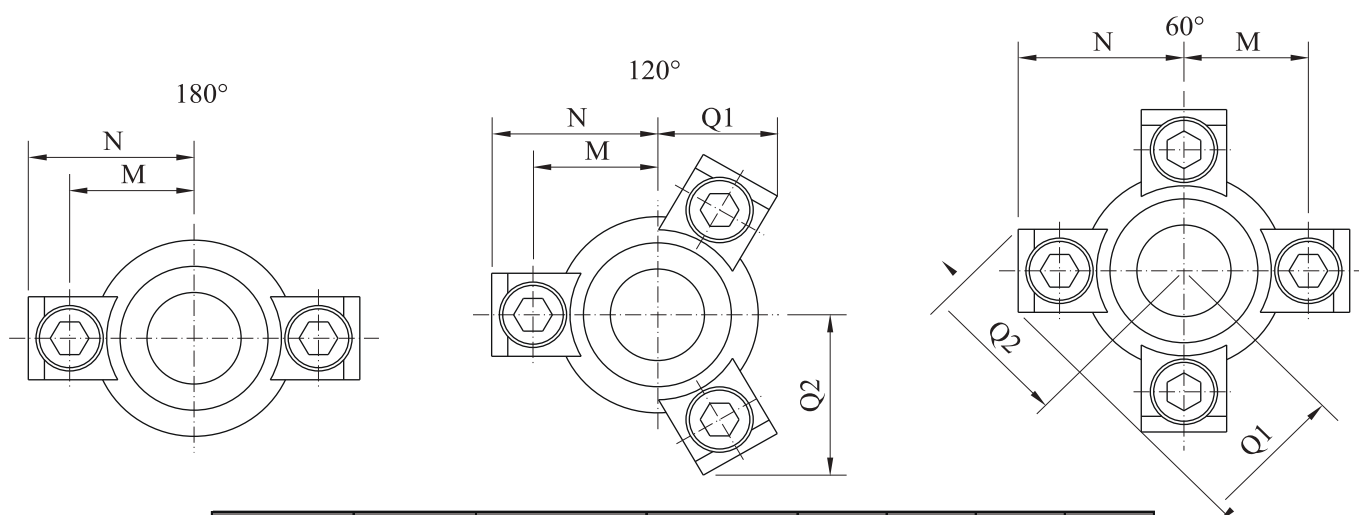


CÓDIGO	ØD1	F	L	ØD2	ØD3	ØD4	E	H	T
BEL-30	30	100	125	45	49	54	25	5	15,8
BEL-32	32								
BEL-38	38	100	130	54	58	63	30	5	17,8
BEL-40	40								
BEL-48	48	100	135	65	70	75	35	5	17,8
BEL-50	50								
BEL-63	63	100	148	81	88	93	48	5	17,8

Código para encomenda:

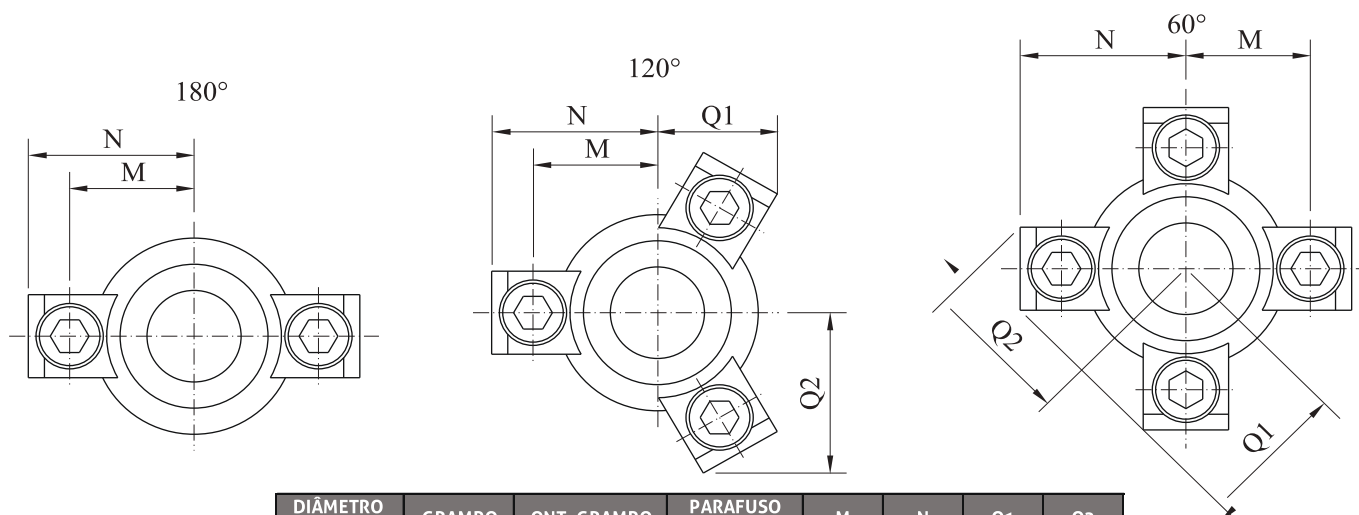
Ex: BEL-50

BUCHA DESMONTÁVEL FIXAÇÃO CENTRAL



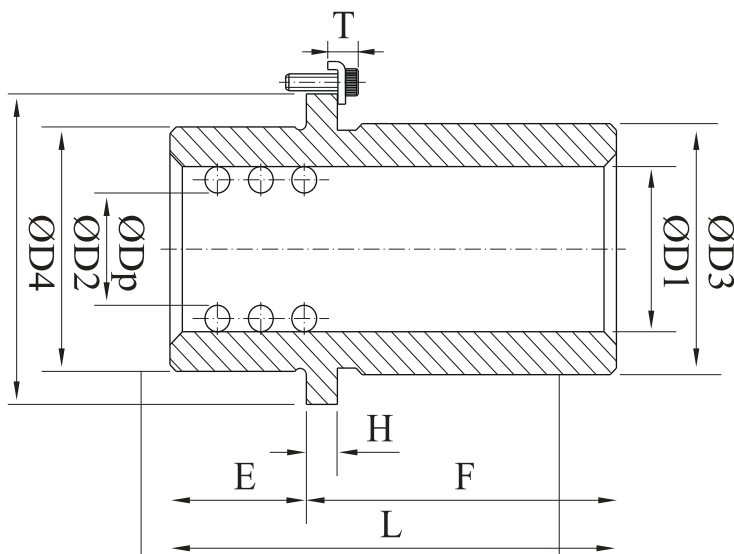
DIÂMETRO PINO	GRAMPO	QNT. GRAMPO	PARAFUSO DO GRAMPO	M	N	Q1	Q2
19	GR 12	2	M6x16	19,5	26,5	-	-
20							
24	GR 14	2	M6x16	27,5	37,5	-	-
25							
30	GR 14	3	M6x16	31,5	41,5	27,6	39,9
32							
38	GR 19	3	M8x20	37	47	30,4	44,7
40							
48	GR 19	4	M8x20	43	53	33,4	49,9
50							
63	GR 19	4	M8x20	52	62	37,9	57,7

BUCHA DESMONTÁVEL EXTRA CURTA



DIÂMETRO PINO	GRAMPO	QNT. GRAMPO	PARAFUSO DO GRAMPO	M	N	Q1	Q2
19	GR 12	2	M6x16	19,7	26,7	-	-
20							
24	GR 18	2	M6x16	29	38	-	-
25							
30	GR 18	3	M6x16	32,5	41,5	27	39,6
32							
38	GR 24	3	M8x20	40	51,5	34	49,4
40							
48	GR 24	4	M8x20	46	57,5	37	54,6
50							
63	GR 24	4	M8x20	55	66,5	41,5	62,3

BDCE - BUCHA DESMONTÁVEL PARA COLAR DE ESFERAS



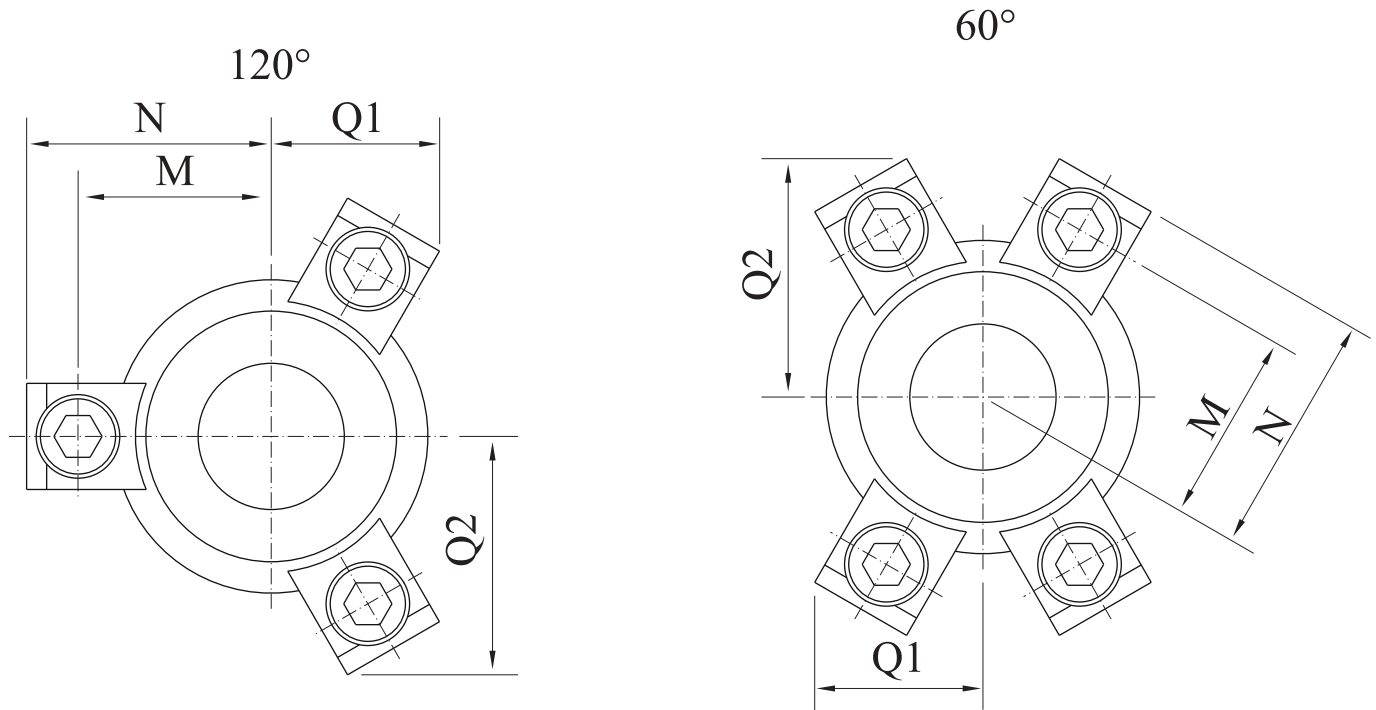
CÓDIGO	F	L	ØDp	ØD1	ØD2	ØD3	ØD4	E	T	H
BDCE-19 .020	20	42	19	27	38	42	47	22	15,8	5
BDCE-19 .035	35	57								
BDCE-19 .050	50	72								
BDCE-20 .020	20	42	20	28	38	42	47	22	15,8	5
BDCE-20 .035	35	57								
BDCE-20 .050	50	72								
BDCE-24 .035	35	60	24	32	45	49	54	25	15,8	5
BDCE-24 .050	50	75								
BDCE-24 .065	65	90								
BDCE-25 .035	35	60	25	33	45	49	54	25	15,8	5
BDCE-25 .050	50	75								
BDCE-25 .065	65	90								
BDCE-30 .050	50	80	30	38	54	58	63	30	17,8	5
BDCE-30 .065	65	95								
BDCE-30 .080	80	110								
BDCE-32 .050	50	80	32	40	54	58	63	30	17,8	5
BDCE-32 .065	65	95								
BDCE-32 .080	80	110								
BDCE-38 .050	50	85	38	46	65	70	75	35	17,8	5
BDCE-38 .065	65	100								
BDCE-38 .080	80	115								
BDCE-38 .100	100	135	40	48	65	70	75	35	17,8	5
BDCE-40 .050	50	85								
BDCE-40 .065	65	100								
BDCE-40 .080	80	115	48	60	81	88	93	48	17,8	5
BDCE-40 .100	100	135								
BDCE-48 .065	65	113								
BDCE-48 .080	80	128	50	62	81	88	93	48	17,8	5
BDCE-48 .100	100	148								
BDCE-48 .120	120	168								
BDCE-50 .065	65	113	63	75	95	103	108	48	17,8	5
BDCE-50 .080	80	128								
BDCE-50 .100	100	148								
BDCE-50 .120	120	168	63	75	95	103	108	48	17,8	5
BDCE-63 .100	100	148								
BDCE-63 .120	120	168								
BDCE-63 .140	140	188								

Código para encomenda:

Ex: BDCE-19.050

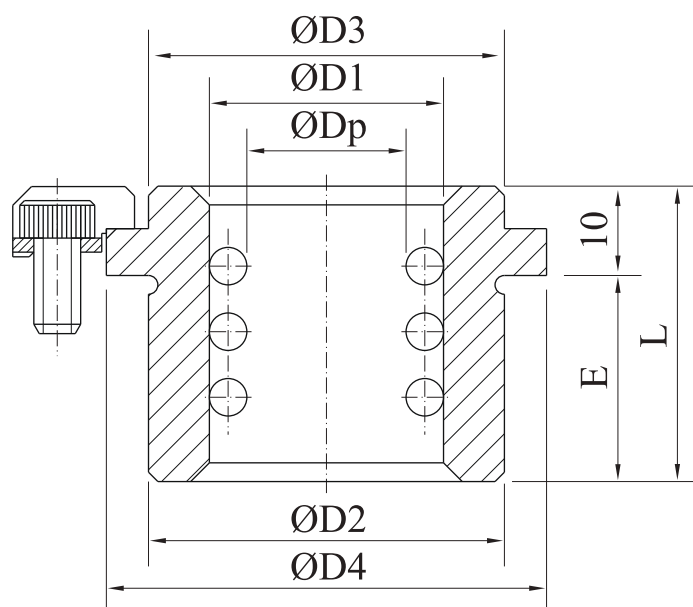
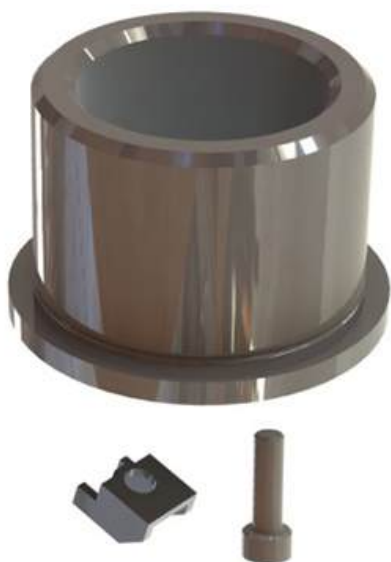
GR-BUCHA DESMONTÁVEL PARA COLAR DE ESFERAS

POSIÇÃO DE FIXAÇÃO



DIÂMETRO PINO	GRAMPO	QNT. GRAMPO	PARAFUSO DO GRAMPO	M	N	Q1	Q2
19	GR 14	3	M6x16	27,5	37,5	25,6	36,5
20							
24	GR 14	3	M6x16	31	41	27,4	39,5
25							
30	GR 19	3	M8x20	37	47	30,4	44,7
32							
38	GR 19	4	M8x20	43	53	33,4	49,9
40							
48	GR 19	4	M8x20	52	62	37,9	57,7
50							
63	GR 19	4	M8x20	60	70	41,9	64,6

BICE - BUCHA INTERMEDIÁRIA PARA COLARES DE ESFERAS



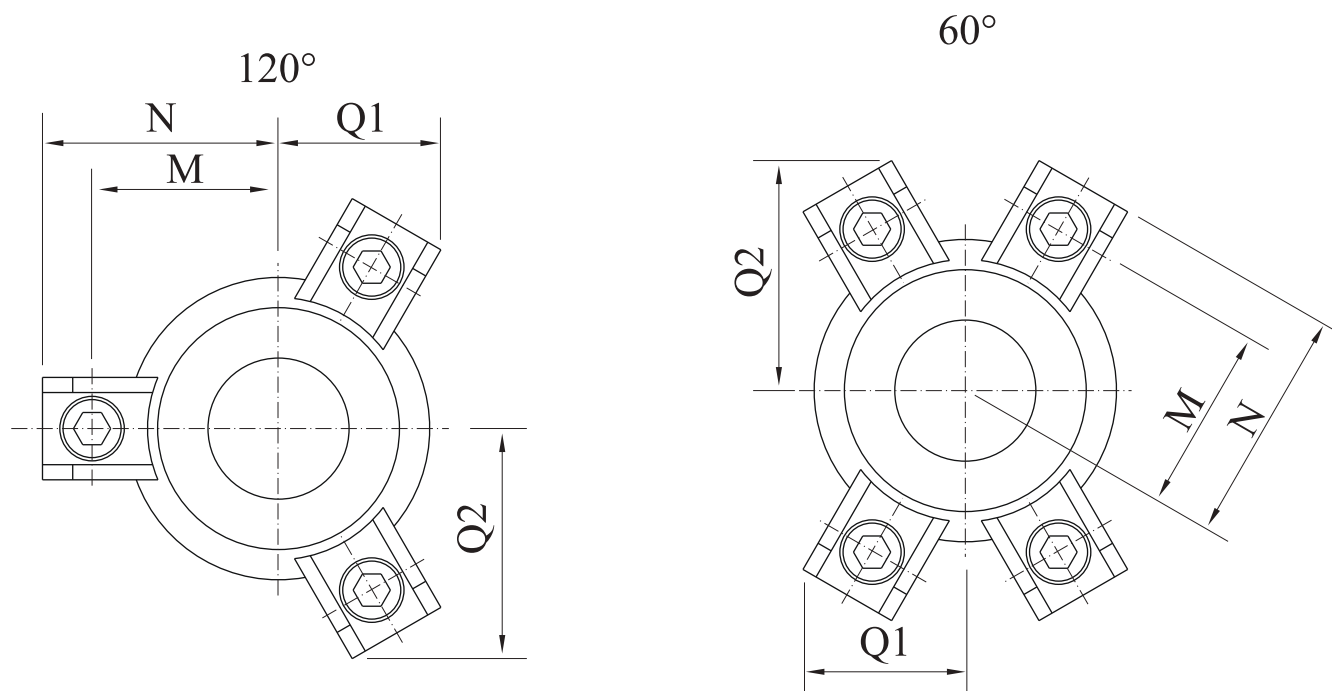
CÓDIGO	ØDp	ØD1	ØD2	ØD3	ØD4	E	L
BICE-19 .20	19	27	38	36	47	20	30
BICE-19 .25						25	35
BICE-20 .20	20	28	38	36	47	20	30
BICE-20 .25						25	35
BICE-24 .20	24	32	45	43	54	20	30
BICE-24 .25						25	35
BICE-25 .20	25	33	45	43	54	20	30
BICE-25 .25						25	35
BICE-30 .20	30	38	54	50	63	20	30
BICE-30 .25						25	35
BICE-30 .32						32	42
BICE-32 .20	32	40	54	50	63	20	30
BICE-32 .25						25	35
BICE-32 .32						32	42
BICE-38 .29	38	46	65	64	75	29	39
BICE-38 .36						36	46
BICE-38 .44						44	54
BICE-40 .29	40	48	65	64	75	29	39
BICE-40 .36						36	46
BICE-40 .44						44	54
BICE-48 .36	48	60	81	79	93	36	46
BICE-48 .44						44	54
BICE-50 .36	50	62	81	79	93	36	46
BICE-50 .44						44	54
BICE-63 .36	63	75	95	94	108	36	46
BICE-63 .44						44	54

Código para encomenda:

Ex: BICE-50.36

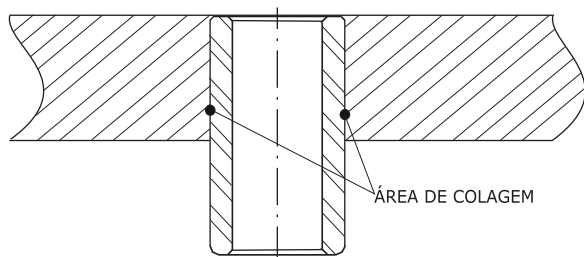
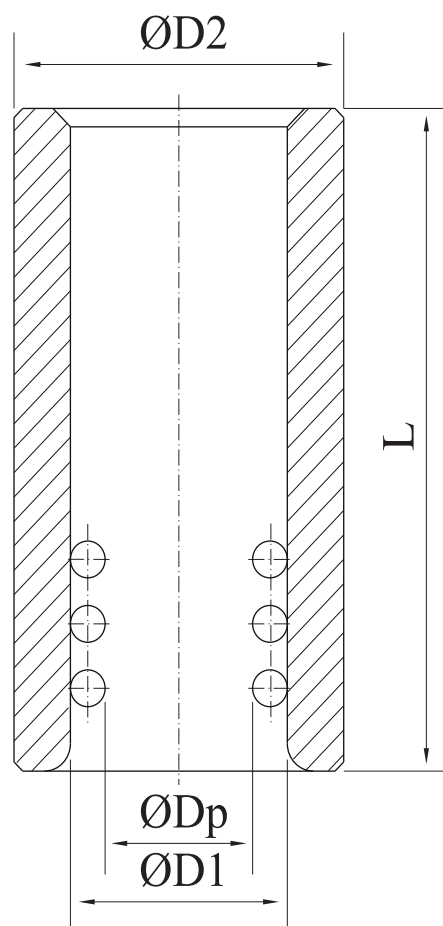
BUCHA INTERMEDIÁRIA PARA COLARES DE ESFERAS

POSIÇÃO DE FIXAÇÃO



DIÂMETRO PINO	GRAMPO	QNT. GRAMPO	PARAFUSO DO GRAMPO	M	N	Q1	Q2
19	GR 18	3	M6x12	30	39	25,8	37,4
20							
24	GR 18	3	M6x12	33,5	42,5	27,5	40,4
25							
30	GR 18	3	M6x12	38	47	29,8	44,3
32							
38	GR 18	4	M6x12	44	53	32,8	49,5
40							
48	GR 18	4	M6x12	53	63	37,3	57,3
50							

CCE - CAMISA PARA COLARES DE ESFERAS



COMO MONTAR CORRETAMENTE

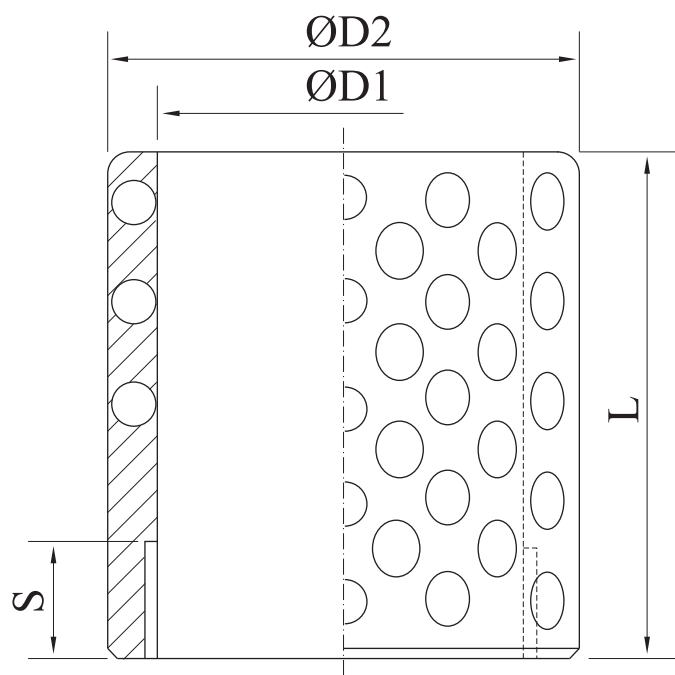
- 1 - PROVIDENCIAR A LIMPEZA DAS SUPERFÍCIES QUE SERÃO COLADAS, COM O USO DE SOLVENTE OU SIMILARES
- 2 - APLICAR UMA FINA CAMADA DE ADESIVO NAS DUAS SUPERFÍCIES.
- 3 - EFETUAR A MONTAGEM COM MOVIMENTOS GIRATÓRIOS
- 4 - DEIXAR CURAR DE ACORDO COM AS ESPECIFICAÇÕES DO FABRICANTE DO ADESIVO

CCE - CAMISA PARA COLARES DE ESFERAS

CÓDIGO	ØDp	ØD1	ØD2	L
CCE-19 .050	19	27	38	50
CCE-19 .065				65
CCE-19 .080				80
CCE-19 .095				95
CCE-20 .050	20	28	38	50
CCE-20 .065				65
CCE-20 .080				80
CCE-20 .095				95
CCE-24 .065	24	32	45	65
CCE-24 .080				80
CCE-24 .095				95
CCE-24 .110				110
CCE-24 .130				130
CCE-25 .065	25	33	45	65
CCE-25 .080				80
CCE-25 .095				95
CCE-25 .110				110
CCE-25 .130				130
CCE-30 .080	30	38	54	80
CCE-30 .095				95
CCE-30 .110				110
CCE-30 .130				130
CCE-30 .150				150
CCE-30 .170				170
CCE-32 .080	32	40	54	80
CCE-32 .095				95
CCE-32 .110				110
CCE-32 .130				130
CCE-32 .150				150
CCE-32 .170				170
CCE-38 .080	38	46	65	80
CCE-38 .095				95
CCE-38 .110				110
CCE-38 .130				130
CCE-38 .150				150
CCE-38 .170				170
CCE-38 .190				190
CCE-38 .215				215

CÓDIGO	ØDp	ØD1	ØD2	L
CCE-40 .080	40	48	65	80
CCE-40 .095				95
CCE-40 .110				110
CCE-40 .130				130
CCE-40 .150				150
CCE-40 .170				170
CCE-40 .190				190
CCE-40 .215				215
CCE-48 .110	48	60	81	110
CCE-48 .130				130
CCE-48 .150				150
CCE-48 .170				170
CCE-48 .190				190
CCE-48 .215				215
CCE-48 .240				240
CCE-48 .265				265
CCE-50 .110	50	62	81	110
CCE-50 .130				130
CCE-50 .150				150
CCE-50 .170				170
CCE-50 .190				190
CCE-50 .215				215
CCE-50 .240				240
CCE-50 .265				265
CCE-63 .150	63	75	95	150
CCE-63 .170				170
CCE-63 .190				190
CCE-63 .215				215
CCE-63 .240				240
CCE-63 .265				265

CE 1 - COLARES DE ESFERAS TIPO 1

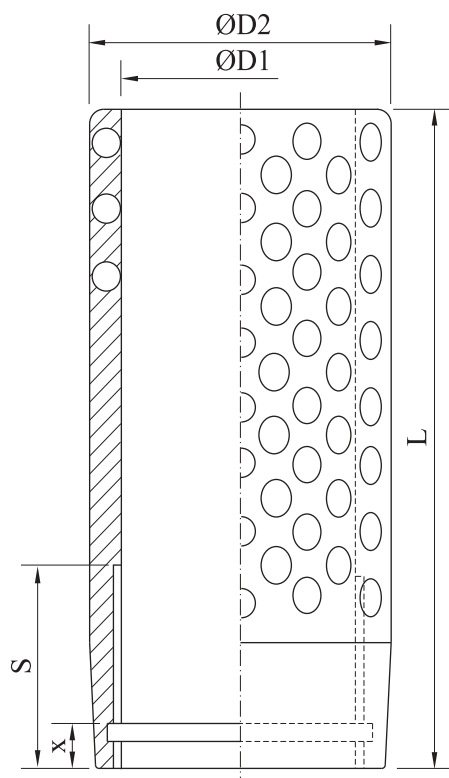


CÓDIGO	ØD1	ØD2	L	S	ESFERA
CE1-19 .36	19	27	36	11,5	4
CE1-19 .48			48	17,5	
CE1-20 .36	20	28	36	11,5	4
CE1-20 .48			48	17,5	
CE1-24 .36	24	32	36	11,5	4
CE1-24 .48			48	17,5	
CE1-25 .36	25	33	36	11,5	4
CE1-25 .48			48	17,5	
CE1-30 .36	30	38	36	11,5	4
CE1-30 .48			48	17,5	
CE1-32 .36	32	40	36	11,5	4
CE1-32 .48			48	17,5	
CE1-38 .48	38	46	48	17,5	4
CE1-38 .60			60	23,5	
CE1-40 .48	40	48	48	17,5	4
CE1-40 .60			60	23,5	
CE1-48 .70	48	60	70	28,5	6
CE1-48 .84			84	35,5	
CE1-50 .70	50	62	70	28,5	6
CE1-50 .84			84	35,5	
CE1-63 .98	63	75	98	42,5	6

Código para encomenda:

Ex: BC-50.84

CE 2 - COLAR DE ESFERAS TIPO 2



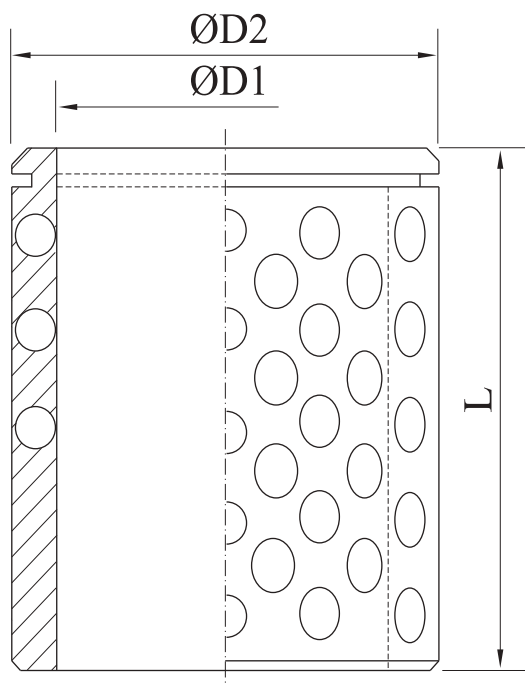
CÓDIGO	ØD1	ØD2	L	S	X	ESFERA
CE2-19 .055	19	27	55	31	4,2	4
CE2-19 .070			70	40		
CE2-19 .090			90	47		
CE2-20 .055	20	28	55	31	4,2	4
CE2-20 .070			70	40		
CE2-20 .090			90	47		
CE2-24 .055	24	32	55	31	4,2	4
CE2-24 .070			70	40		
CE2-24 .090			90	47		
CE2-24 .100			100	55		
CE2-24 .110	25	33	110	65	4,2	4
CE2-25 .055			55	31		
CE2-25 .070			70	40		
CE2-25 .090			90	47		
CE2-25 .100	25	33	100	55	4,2	4
CE2-25 .110			110	65		
CE2-30 .070			70	40		
CE2-30 .090			90	47		
CE2-30 .105	30	38	105	55	4,2	4
CE2-30 .115			115	65		
CE2-30 .125			125	75		
CE2-30 .135			135	85		
CE2-32 .070	32	40	70	40	4,2	4
CE2-32 .090			90	47		
CE2-32 .105			105	55		
CE2-32 .115			115	65		
CE2-32 .125	32	40	125	75	4,2	4
CE2-32 .135			135	85		
CE2-38 .070			70	40		
CE2-38 .085			85	48		
CE2-38 .105	38	46	105	56	5,8	4
CE2-38 .115			115	66		
CE2-38 .125			125	76		
CE2-38 .135			135	86		
CE2-38 .145			145	96		
CE2-38 .155			155	107		

CÓDIGO	ØD1	ØD2	L	S	X	ESFERA
CE2-40 .070	40	48	70	40	5,8	4
CE2-40 .085			85	48		
CE2-40 .105			105	56		
CE2-40 .115			115	66		
CE2-40 .125			125	76		
CE2-40 .135			135	86		
CE2-40 .145	48	60	145	96	7	6
CE2-40 .155			155	107		
CE2-48 .105			105	56		
CE2-48 .120			120	65		
CE2-48 .140			140	76		
CE2-48 .150			150	86		
CE2-48 .160	50	62	160	96	7	6
CE2-48 .170			170	108		
CE2-48 .185			185	121		
CE2-48 .195			195	133		
CE2-50 .105			105	56		
CE2-50 .120			120	65		
CE2-50 .140	63	75	140	76	7	6
CE2-50 .150			150	86		
CE2-50 .160			160	96		
CE2-50 .170			170	108		
CE2-50 .185			185	121		
CE2-50 .195			195	133		
CE2-63 .145	63	75	145	72	7	6
CE2-63 .165			165	82		
CE2-63 .180			180	92		
CE2-63 .190			190	105		
CE2-63 .205			205	117		
CE2-63 .215			215	130		

Código para encomenda:

Ex: CEC-19.055

CE 3 - COLAR DE ESFERAS TIPO 3

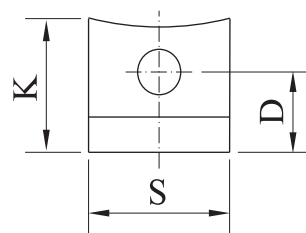
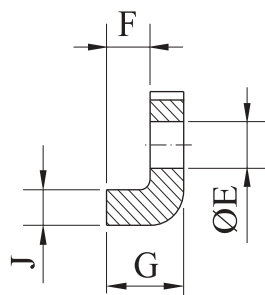
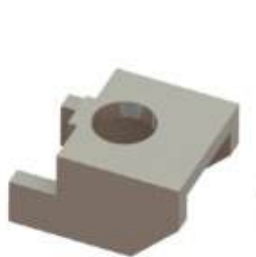


CÓDIGO	ØD1	ØD2	L	ESFERA
CE3-19 .40	19	27	40	4
CE3-19 .52			52	
CE3-20 .40	20	28	40	4
CE3-20 .52			52	
CE3-24 .40	24	32	40	4
CE3-24 .52			52	
CE3-25 .40	25	33	40	4
CE3-25 .52			52	
CE3-30 .40	30	38	40	4
CE3-30 .52			52	
CE3-32 .40	32	40	40	4
CE3-32 .52			52	
CE3-38 .52	38	46	52	4
CE3-38 .64			64	
CE3-40 .52	40	48	52	4
CE3-40 .64			64	
CE3-48 .74	48	60	74	6
CE3-48 .88			88	
CE3-50 .74	50	62	74	6
CE3-50 .88			88	
CE3-63 .74	63	75	74	6
CE3-63 .88			88	

Código para encomenda:

Ex: CE3-50.88

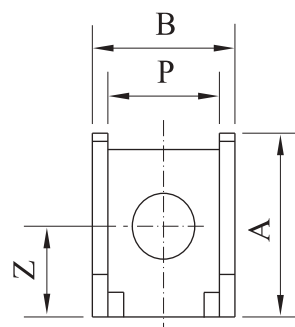
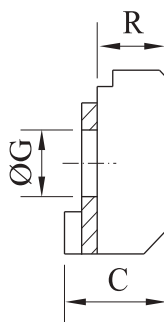
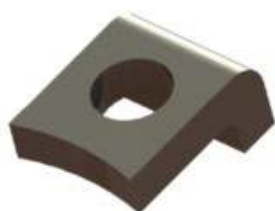
GR - GRAMPOS



CÓDIGO	D	E	F	G	J	K	S
GR 12	7	6,5	3,2	6,3	1/8"	13,3	12,7
GR 14	10	6,5	5	9,8	3/16"	17,3	15,9
GR 19	10	6,5	5	9,8	3/16"	19,8	15,9

Código para encomenda:

Ex: GR 14

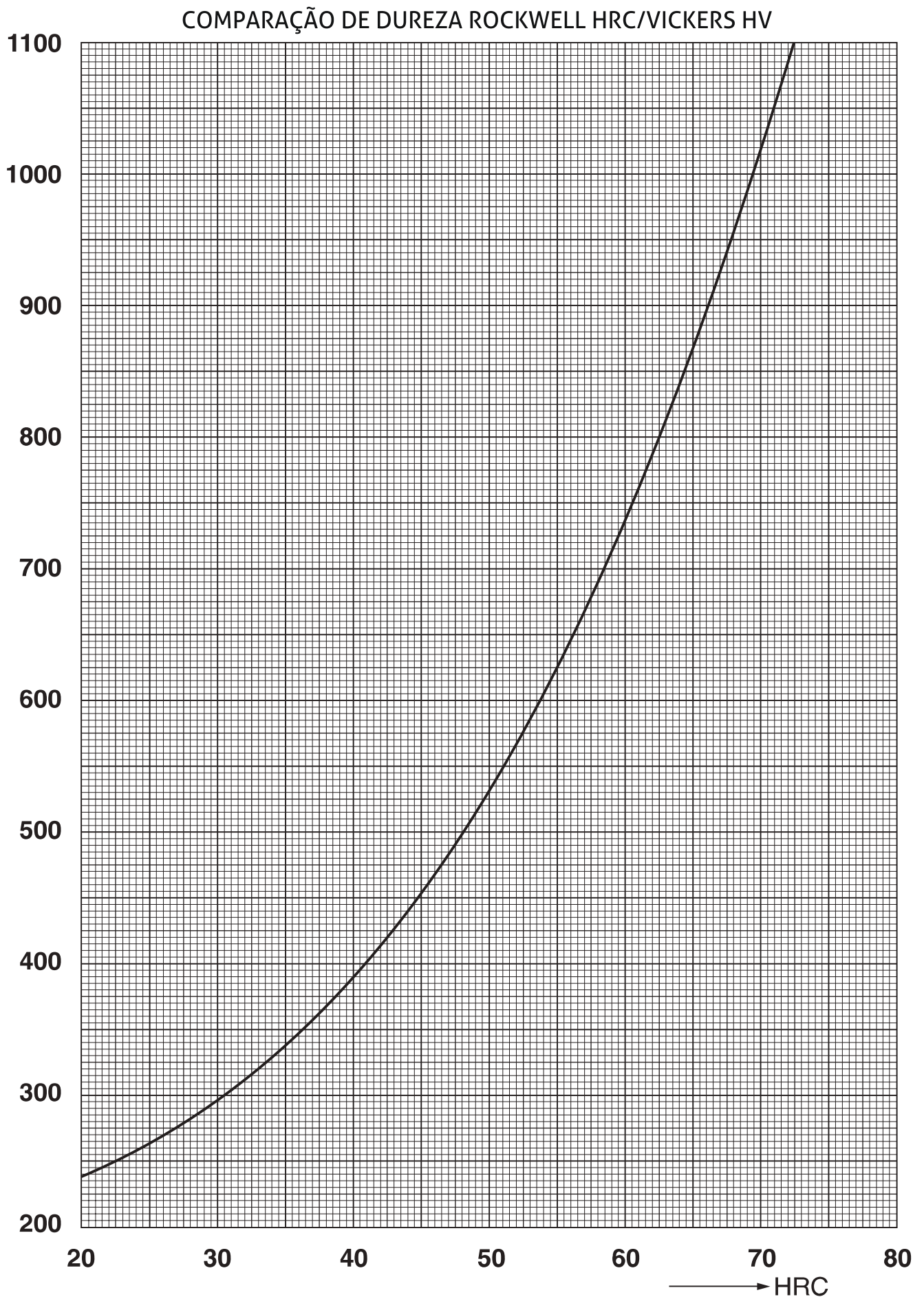


CÓDIGO	A	B	C	G	P	R	Z
GR 18	18	14,5	10	6,5	10,5	7	9
GR 24	25	19	13	8,5	13,5	9	11,5

Código para encomenda:

Ex: GR 18

TABELA DE DUREZA



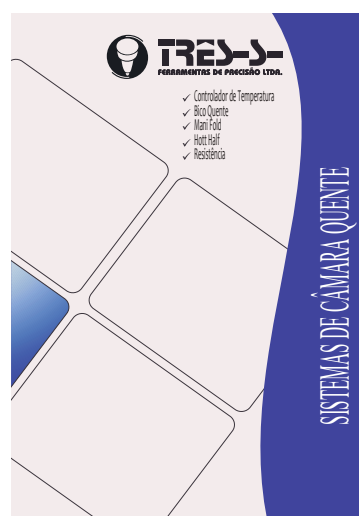


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