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KILAVUZ KOLONLAR, BURÇLAR VE AKSESUARLARI
PINS & BUSHINGS & ACCESSORIES
COLUMNAS GUÍA, BUJES Y ACCESORİOS

INCH

NOTLAR / NOTES / NOTAS

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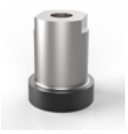
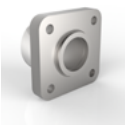
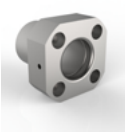
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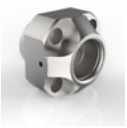
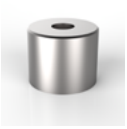
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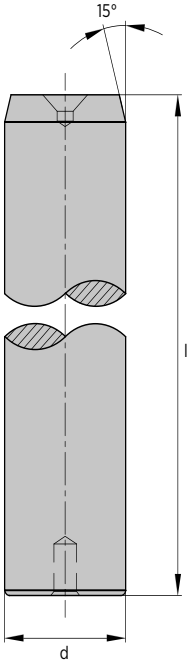
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Hammadde / Material :
Hardened Steel

d	l																				
1	3 1/4	3 3/4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/2	7	7 1/2	8	8 1/2	9	-	-	-	-	-
1 1/4	4 1/4	4 3/4	5 1/4	5 1/2	5 3/4	6	6 1/2	7	7 1/2	8	8 1/2	9	10	11	12	-	-	-	-	-	-
1 1/2	4 1/4	5	5 3/4	6	6 1/2	7	7 1/2	8	8 1/2	9	9 1/2	10	10 1/2	11	11 1/2	12	12 1/2	13	14	-	-
1 3/4	5	5 3/4	6 1/2	7	7 1/2	8	8 1/2	9	9 1/2	10	10 1/2	11	11 1/2	12	12 1/2	13	14	15	17	-	-
2	5 3/4	6 1/2	7 1/4	7 1/2	7 3/4	8	8 1/2	9	9 1/2	10	10 1/2	11	11 1/2	12	12 1/2	13	14	15	16	17	18
2 1/2	8	8 3/4	9 1/2	10	11	12	13	14	17	18	20	-	-	-	-	-	-	-	-	-	-
3	8 1/2	9 1/4	10	11	12	13	14	17	20	-	-	-	-	-	-	-	-	-	-	-	-

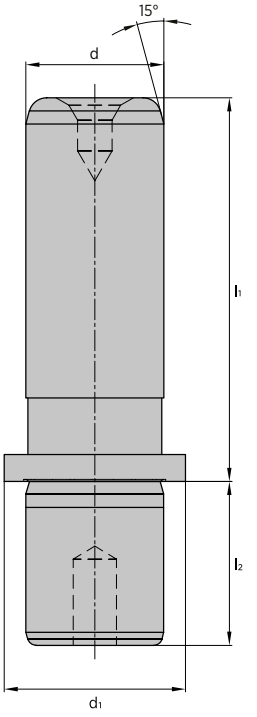
Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 2 1/2, **l=** 9 1/2

Sipariş Kodu / Order Code / Código de Pedido:
G200-04-212-912

2



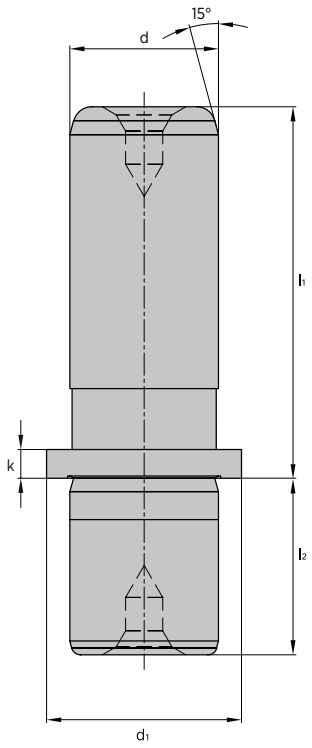
Hammadde / Material :
Hardened Steel



d (in)	l1 (in)																							l2	d1
1	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.25	5.75	6.25	6.75	7.25	7.75	-	-	-	-	-	-	-	1.188	1.313
1 1/4	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.25	5.75	6.25	6.75	7.25	7.75	8.75	9.75	10.75	-	-	-	-	-	-	-	1.188	1.560
1 1/2	3.25	3.50	3.75	4.00	4.25	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.50	-	-	1.438	1.873
1 3/4	3.75	4.00	4.25	4.50	4.75	5.25	5.75	6.25	6.75	7.25	7.75	8.25	8.75	9.25	9.75	10.25	10.75	11.25	12.25	13.25	14.25	15.25	-	1.688	2.25
2	4.25	4.50	4.75	5.00	5.25	5.50	5.75	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	12.00	13.00	14.00	15.00	16.00	1.938	2.5
2 1/2	6.00	6.50	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	18.00	-	-	-	-	-	-	-	-	-	-	-	1.938	3.031
3	6.00	6.50	7.50	8.50	9.50	10.50	11.50	12.50	13.50	14.50	17.50	-	-	-	-	-	-	-	-	-	-	-	-	2.438	3.5

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 1, **l1=** 3.25

Sipariş Kodu / Order Code / Código de Pedido:
G201-03-100-325





Hammadde / Material :
Hardened Steel

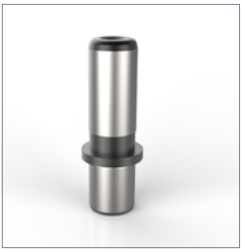
Hard Chrome Coated

d (in)	l₁ (in)																	l₂ (in)	d₁ (in)	k (in)
7/8	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5 1/4	5 3/4	6 1/4	6 3/4	-	-	-	0.938	1.187	0.193
1	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	-	1.188	1.312	0.193
1 1/4	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 3/4	5 1/4	5 3/4	6 1/4	6 3/4	7 1/4	8 1/4	9 1/4	10 1/4	1.188	1.562	0.25
1 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 3/4	5 1/4	5 3/4	6 1/4	6 3/4	7 1/4	8 1/4	9 1/4	10 1/4	1.438	1.875	0.25
1 3/4	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7 1/2	8 1/2	9 1/2	11 1/2	-	-	-	-	-	1.688	2.25	0.25
2	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7 1/2	8 1/2	9 1/2	10 1/2	11 1/2	14 1/2	17 1/2	-	-	1.938	2.5	0.25
2 1/2	4 1/2	5	5 1/2	6 1/2	7 1/2	8 1/2	9 1/2	10 1/2	13 1/2	16 1/2	-	-	-	-	-	-	1.938	3.031	0.25
3	4 1/2	5	5 1/2	6 1/2	7 1/2	8 1/2	9 1/2	10 1/2	13 1/2	16 1/2	-	-	-	-	-	-	2.438	3.5	0.25

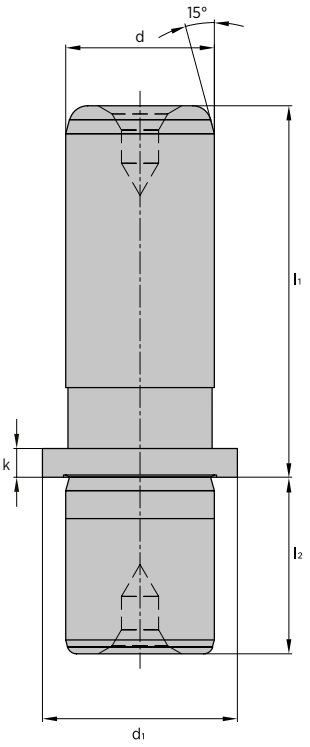
Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 7/8, **l₁=** 2 3/4

Sipariş Kodu / Order Code / Código de Pedido:
G201-05-078-234

2



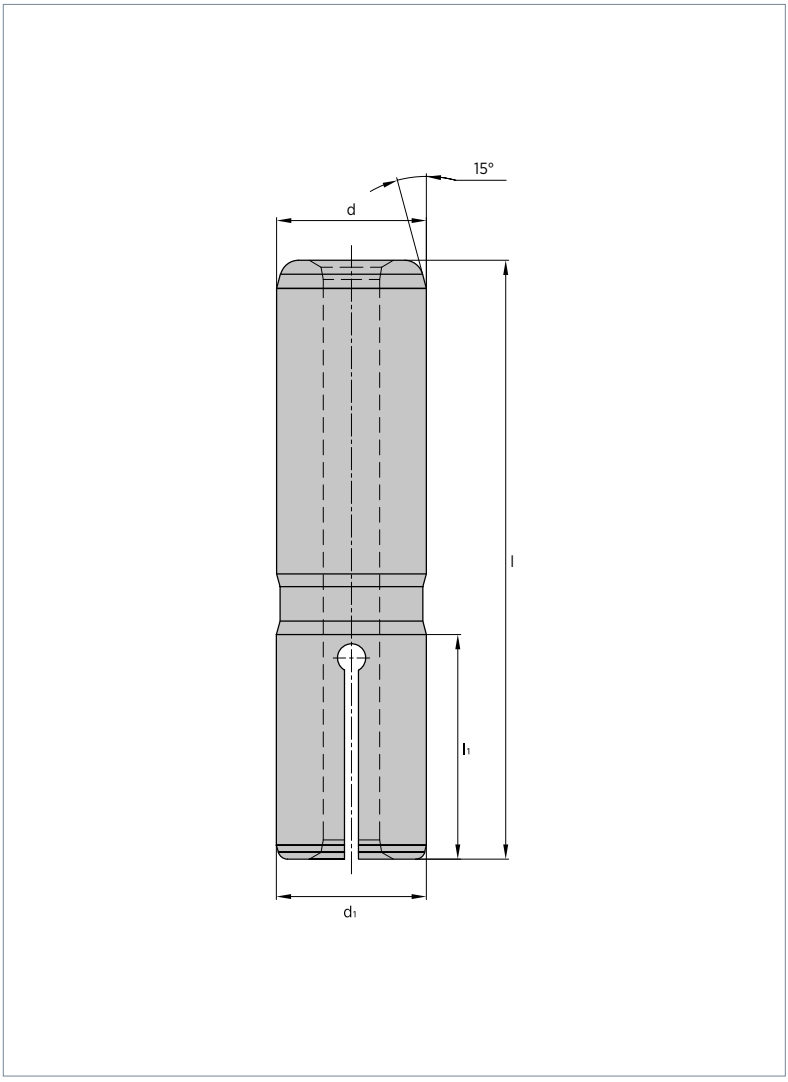
Hammadde / Material :
Hardened Steel



d (in)	l1 (in)																	l2 (in)	d1 (in)	k (in)
7/8	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5 1/4	5 3/4	6 1/4	6 3/4	-	-	-	0.938	1.187	0.193
1	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	-	1.188	1.312	0.193
1 1/4	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 3/4	5 1/4	5 3/4	6 1/4	6 3/4	7 1/4	8 1/4	9 1/4	10 1/4	1.188	1.562	0.25
1 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 3/4	5 1/4	5 3/4	6 1/4	6 3/4	7 1/4	8 1/4	9 1/4	10 1/4	1.438	1.875	0.25
1 3/4	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7 1/2	8 1/2	9 1/2	11 1/2	-	-	-	-	-	1.688	2.25	0.25
2	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7 1/2	8 1/2	9 1/2	10 1/2	11 1/2	14 1/2	17 1/2	-	-	1.938	2.5	0.25
2 1/2	4 1/2	5	5 1/2	6 1/2	7 1/2	8 1/2	9 1/2	10 1/2	13 1/2	16 1/2	-	-	-	-	-	-	1.938	3.031	0.25
3	4 1/2	5	5 1/2	6 1/2	7 1/2	8 1/2	9 1/2	10 1/2	13 1/2	16 1/2	-	-	-	-	-	-	2.438	3.5	0.25

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 1, **l1=** 4 1/4

Sipariş Kodu / Order Code / Código de Pedido:
G201-06-100-414





Hammadde / Material :
Hardened Steel

Hard Chrome Coated

d (in)	l (in)																	d_1 (in)	l_1 (in)
1	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/2	7	7 1/2	8	8 1/2	9	-		1	1 1/2
1 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/2	7	7 1/2	8	8 1/2	9	10	11	12		1 1/4	1 3/4
1 1/2	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/2	7	7 1/2	8	8 1/2	9	10	11	12		1 1/2	1 3/4
1 3/4	6	6 1/2	7	7 1/2	8	8 1/2	9	10	11	12	14	-	-	-	-	-		1 3/4	2 1/4
2	6	6 1/2	7	7 1/2	8	8 1/2	9	10	11	12	13	14	17	20	-	-		2	2 1/2

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 2, **l=** 8 1/2

Sipariş Kodu / Order Code / Código de Pedido:
G202-12-200-812

2

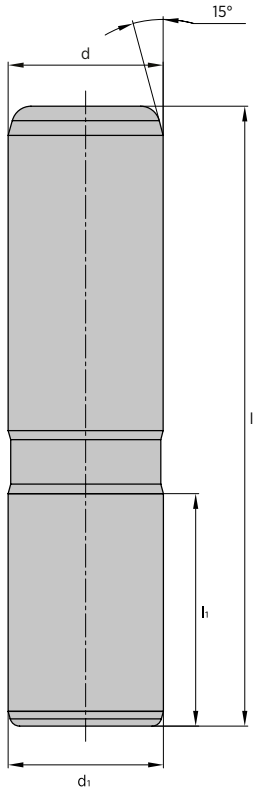


Hammadde / Material :
Hardened Steel

Hard Chrome Coated

*G202-13-012-312,
G202-13-034-312 for l_1=1

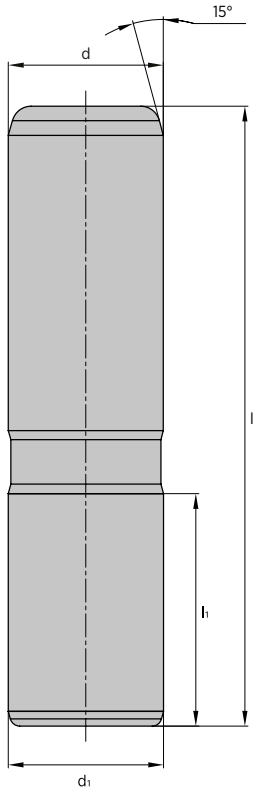
** d=1 ½" : l_1= 1 ¾ " when l ≤ 7" ;
l_1= 2" when l ≥ 7 ½"



d (in)	l (in)																			d_1 (in)	l_1 (in)
1/2	3 1/2	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	-	-	-	-	-	-	-	-	-	-	-	0.5017	1 1/8*
5/8	4	4 1/4	4 1/2	4 3/4	5	5 1/2	6	-	-	-	-	-	-	-	-	-	-	-	-	0.6267	1 1/8
3/4	3 1/2	4	4 1/4	4 1/2	4 3/4	5	5 1/2	6	-	-	-	-	-	-	-	-	-	-	-	0.7520	1 1/8*
7/8	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/2	7	7 1/2	8	-	-	-	-	-	-	0.8770	1 1/4
1	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/2	7	7 1/2	8	8 1/2	9	10	11	12	-	1.0020	1 1/2
1 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/2	7	7 1/2	8	8 1/2	9	10	11	12	-	-	-	1.2525	1 3/4
1 1/2	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/2	7	7 1/2	8	8 1/2	9	10	11	12	-	-	-	1.5025	1 3/4-2**
1 3/4	6	6 1/2	7	7 1/2	8	8 1/2	9	10	11	12	14	-	-	-	-	-	-	-	-	1.7525	2 1/4
2	6	6 1/2	7	7 1/2	8	8 1/2	9	10	11	12	13	14	17	20	-	-	-	-	-	2.0025	2 1/2
2 1/2	8	8 1/2	9	10	11	12	13	14	17	20	-	-	-	-	-	-	-	-	-	2.5030	3 1/2
3	8	8 1/2	9	10	11	12	13	14	17	20	-	-	-	-	-	-	-	-	-	3.0030	3 1/2

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 1, **l=** 4 1/4

Sipariş Kodu / Order Code / Código de Pedido:
G202-13-100-414





Hammadde / Material :
Hardened Steel

*G202-14-034-312 for l1=1

** d=1 ½" : l_1= 1 ¾ " when l ≤ 7" ; l_1= 2" when l ≥ 7 ½"

d (in)	l (in)																			d_1 (in)	l_1 (in)
3/4	3 1/2	4	4 1/4	4 1/2	4 3/4	5	5 1/2	6	7	8	-	-	-	-	-	-	-	-	-	0.7520	1 1/8*
7/8	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/2	7	7 1/2	8	-	-	-	-	-	-	0.8770	1 1/4
1	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/2	7	7 1/2	8	8 1/2	9	10	11	12	-	1.0020	1 1/2
1 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/2	7	7 1/2	8	8 1/2	9	10	11	12	-	-	-	1.2525	1 3/4
1 1/2	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/2	7	7 1/2	8	8 1/2	9	10	11	12	13	14	15	1.5025	1 3/4-2**
1 3/4	6	6 1/2	7	7 1/2	8	8 1/2	9	10	11	12	14	-	-	-	-	-	-	-	-	1.7525	2 1/4
2	6	6 1/2	7	7 1/2	8	8 1/2	9	10	11	12	13	14	17	20	-	-	-	-	-	2.0025	2 1/2
2 1/2	8	8 1/2	9	10	11	12	13	14	17	20	-	-	-	-	-	-	-	-	-	2.5030	3 1/2
3	8	8 1/2	9	10	11	12	13	14	17	20	-	-	-	-	-	-	-	-	-	3.0030	3 1/2

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 1, **l=** 4 1/4

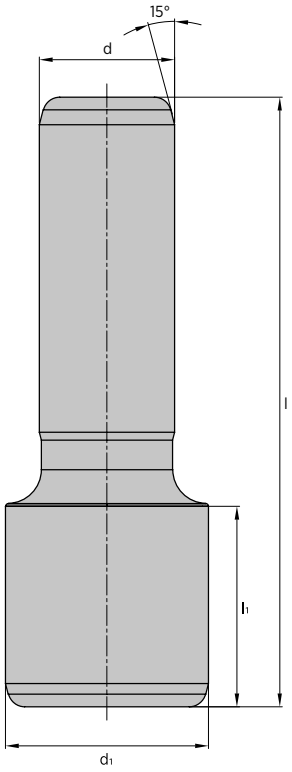
Sipariş Kodu / Order Code / Código de Pedido:
G202-14-100-414

2



Hammadde / Material :
Hardened Steel

The press fit diameters are 0.0075" oversize to allow grinding stock to fit the bored hole.

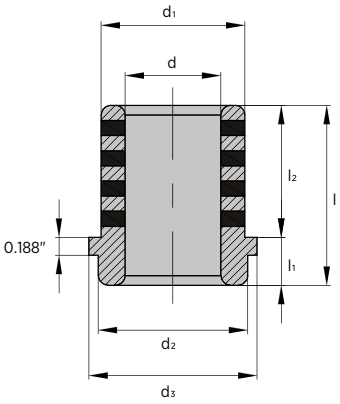


d (in)	l (in)									d_1 (in)	l_1 (in)
1	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	-	1 1/2	1 1/2
1 1/4	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9	1 3/4	2
1 1/2	7	7 1/2	8	8 1/2	9	9 1/2	10	-	-	2	2 3/8
1 3/4	7 1/2	8	8 1/2	9	9 1/2	10	-	-	-	2 1/4	2 7/8
2	8	9	10	11	12	13	-	-	-	2 1/2	3 3/8
2 1/2	9	10	11	12	13	14	-	-	-	3 1/4	3 7/8

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 2, **l=** 8

Sipariş Kodu / Order Code / Código de Pedido:
G202-15-200-800

2





Hammadde / Material :
Bronze + Graphite

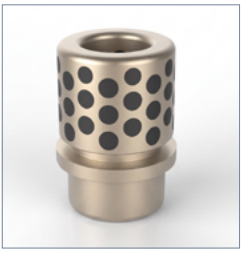
Hardness
HB ≥ 190

KOD / CODE / CÓDIGO	d (in)	l (in)	l1 (in)	l2 (in)	d1 (in)	d2 (in)	d3 (in)
G211-11-100-1875	1	1.875	0.500	1.375	1.5000	1.56	1.750
G211-11-100-2875	1	2.875	0.500	2.375	1.5000	1.56	1.750
G211-11-114-2375	1 1/4	2.375	0.500	1.875	1.7500	1.94	2.12
G211-11-114-3375	1 1/4	3.375	0.500	2.875	1.7500	1.94	2.12
G211-11-112-2375	1 1/2	2.375	0.500	1.875	2.0000	2.18	2.38
G211-11-112-3375	1 1/2	3.375	0.500	2.875	2.0000	2.18	2.38
G211-11-134-2875	1 3/4	2.875	0.500	2.375	2.2500	2.44	2.63
G211-11-134-3875	1 3/4	3.875	0.500	3.375	2.2500	2.44	2.63
G211-11-200-2875	2	2.875	0.500	2.375	2.5000	2.75	2.94
G211-11-200-3875	2	3.875	0.500	3.375	2.5000	2.75	2.94
G211-11-212-300	2 1/2	3.000	0.375	2.625	3.0000	3.18	3.38
G211-11-212-400	2 1/2	4.000	0.375	3.625	3.0000	3.18	3.38
G211-11-212-500	2 1/2	5.000	0.375	4.625	3.0000	3.18	3.38
G211-11-300-300	3	3.000	0.375	2.625	3.5000	3.68	3.88
G211-11-300-400	3	4.000	0.375	3.625	3.5000	3.68	3.88
G211-11-300-500	3	5.000	0.375	4.625	3.5000	3.68	3.88
G211-11-300-600	3	6.000	0.375	5.625	3.5000	3.68	3.88
G211-11-334-700	3 3/4	7.000	0.375	6.625	4.5000	4.68	4.88
G211-11-412-500	4 1/2	5.0000	0.375	4.625	5.5000	5.68	5.88
G211-11-412-800	4 1/2	8.0000	0.375	7.625	5.5000	5.68	5.88

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 2, **l=** 2.875

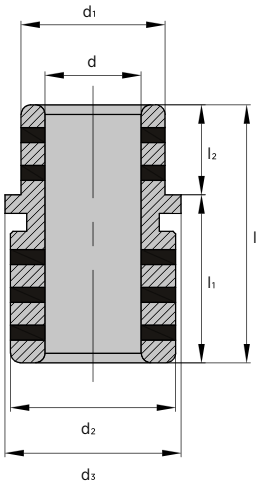
Sipariş Kodu / Order Code / Código de Pedido:
G211-11-200-2875

2



Hammadde / Material :
Bronze + Graphite

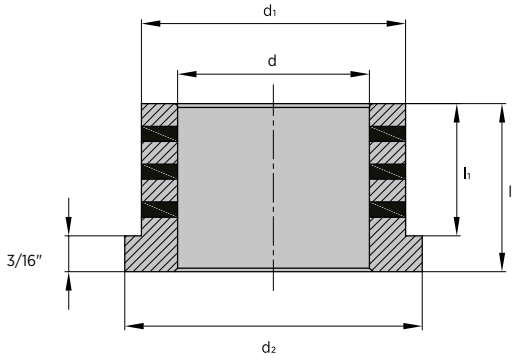
Hardness
HB ≥ 190



KOD / CODE / CÓDIGO	d (in)	l (in)	l1 (in)	l2 (in)	d1 (in)	d2 (in)	d3 (in)
G211-12-100-2688	1	2.688	1.75	0.938	1.50	1.720	1.833
G211-12-114-3125	1 1/4	3.125	2.00	1.125	1.75	1.940	2.093
G211-12-112-3188	1 1/2	3.188	2.00	1.188	2.00	2.190	2.333
G211-12-134-3375	1 3/4	3.375	2.00	1.375	2.25	2.500	2.653
G211-12-200-3625	2	3.625	2.00	1.625	2.50	2.910	3.053
G211-12-212-4375	2 1/2	4.375	2.50	1.875	3.25	3.660	3.803
G211-12-300-4375	3	4.375	2.50	1.875	3.75	4.190	4.273

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 1, **l=** 2.688

Sipariş Kodu / Order Code / Código de Pedido:
G211-12-100-2688





Hammadde / Material :
Bronze + Graphite

Hardness
HB ≥ 190

KOD / CODE / CÓDIGO	d (in)	l (in) +0.00 / -0.06	l1 (in)	d1 (in)	d2 (in)
G211-13-034-078	3/4	7/8	11/16	1.1255	1.30
G211-13-034-138	3/4	1 3/8	1 3/16	1.1255	1.30
G211-13-034-178	3/4	1 7/8	1 11/16	1.1255	1.30
G211-13-034-238	3/4	2 3/8	2 3/16	1.1255	1.30
G211-13-034-278	3/4	2 7/8	2 11/16	1.1255	1.30
G211-13-034-338	3/4	3 3/8	3 3/16	1.1255	1.30
G211-13-034-378	3/4	3 7/8	3 11/16	1.1255	1.30
G211-13-034-438	3/4	4 3/8	4 3/16	1.1255	1.30
G211-13-034-478	3/4	4 7/8	4 11/16	1.1255	1.30
G211-13-078-078	7/8	7/8	11/16	1.2505	1.43
G211-13-078-138	7/8	1 3/8	1 3/16	1.2505	1.43
G211-13-078-178	7/8	1 7/8	1 11/16	1.2505	1.43
G211-13-078-238	7/8	2 3/8	2 3/16	1.2505	1.43
G211-13-078-278	7/8	2 7/8	2 11/16	1.2505	1.43
G211-13-078-338	7/8	3 3/8	3 3/16	1.2505	1.43
G211-13-078-378	7/8	3 7/8	3 11/16	1.2505	1.43
G211-13-078-438	7/8	4 3/8	4 3/16	1.2505	1.43
G211-13-100-078	1	7/8	11/16	1.3755	1.55
G211-13-100-138	1	1 3/8	1 3/16	1.3755	1.55
G211-13-100-178	1	1 7/8	1 11/16	1.3755	1.55
G211-13-100-238	1	2 3/8	2 3/16	1.3755	1.55
G211-13-100-278	1	2 7/8	2 11/16	1.3755	1.55
G211-13-100-338	1	3 3/8	3 3/16	1.3755	1.55
G211-13-100-378	1	3 7/8	3 11/16	1.3755	1.55
G211-13-100-438	1	4 3/8	4 3/16	1.3755	1.55
G211-13-100-478	1	4 7/8	4 11/16	1.3755	1.55
G211-13-100-578	1	5 7/8	5 11/16	1.3755	1.55
G211-13-112-078	1 1/2	7/8	11/16	2.0005	2.18
G211-13-112-138	1 1/2	1 3/8	1 3/16	2.0005	2.18
G211-13-112-178	1 1/2	1 7/8	1 11/16	2.0005	2.18
G211-13-112-238	1 1/2	2 3/8	2 3/16	2.0005	2.18
G211-13-112-278	1 1/2	2 7/8	2 11/16	2.0005	2.18
G211-13-112-338	1 1/2	3 3/8	3 3/16	2.0005	2.18
G211-13-112-378	1 1/2	3 7/8	3 11/16	2.0005	2.18
G211-13-112-438	1 1/2	4 3/8	4 3/16	2.0005	2.18
G211-13-112-478	1 1/2	4 7/8	4 11/16	2.0005	2.18
G211-13-112-578	1 1/2	5 7/8	5 11/16	2.0005	2.18

KOD / CODE / CÓDIGO	d (in)	l (in) +0.00 / -0.06	l1 (in)	d1 (in)	d2 (in)
G211-13-114-078	1 1/4	7/8	11/16	1.6255	1.80
G211-13-114-138	1 1/4	1 3/8	1 3/16	1.6255	1.80
G211-13-114-178	1 1/4	1 7/8	1 11/16	1.6255	1.80
G211-13-114-238	1 1/4	2 3/8	2 3/16	1.6255	1.80
G211-13-114-278	1 1/4	2 7/8	2 11/16	1.6255	1.80
G211-13-114-338	1 1/4	3 3/8	3 3/16	1.6255	1.80
G211-13-114-378	1 1/4	3 7/8	3 11/16	1.6255	1.80
G211-13-114-438	1 1/4	4 3/8	4 3/16	1.6255	1.80
G211-13-114-478	1 1/4	4 7/8	4 11/16	1.6255	1.80
G211-13-114-578	1 1/4	5 7/8	5 11/16	1.6255	1.80
G211-13-200-138	2	1 3/8	1 3/16	2.5005	2.68
G211-13-200-178	2	1 7/8	1 11/16	2.5005	2.68
G211-13-200-238	2	2 3/8	2 3/16	2.5005	2.68
G211-13-200-278	2	2 7/8	2 11/16	2.5005	2.68
G211-13-200-338	2	3 3/8	3 3/16	2.5005	2.68
G211-13-200-378	2	3 7/8	3 11/16	2.5005	2.68
G211-13-200-438	2	4 3/8	4 3/16	2.5005	2.68
G211-13-200-478	2	4 7/8	4 11/16	2.5005	2.68
G211-13-200-578	2	5 7/8	5 11/16	2.5005	2.68
G211-13-212-138	2 1/2	1 3/8	1 3/16	3.2505	3.43
G211-13-212-178	2 1/2	1 7/8	1 11/16	3.2505	3.43
G211-13-212-238	2 1/2	2 3/8	2 3/16	3.2505	3.43
G211-13-212-278	2 1/2	2 7/8	2 11/16	3.2505	3.43
G211-13-212-338	2 1/2	3 3/8	3 3/16	3.2505	3.43
G211-13-212-378	2 1/2	3 7/8	3 11/16	3.2505	3.43
G211-13-212-438	2 1/2	4 3/8	4 3/16	3.2505	3.43
G211-13-212-478	2 1/2	4 7/8	4 11/16	3.2505	3.43
G211-13-212-578	2 1/2	5 7/8	5 11/16	3.2505	3.43
G211-13-300-338	3	3 3/8	3 3/16	3.7505	3.99
G211-13-300-378	3	3 7/8	3 11/16	3.7505	3.99
G211-13-300-478	3	4 7/8	4 11/16	3.7505	3.99
G211-13-300-578	3	5 7/8	5 11/16	3.7505	3.99

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 3, **l=** 4 7/8

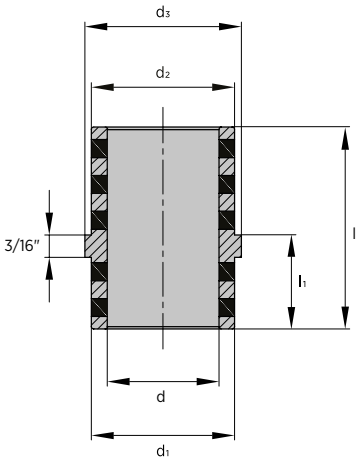
Sipariş Kodu / Order Code / Código de Pedido:
G211-13-300-478

2



Hammadde / Material :
Bronze + Graphite

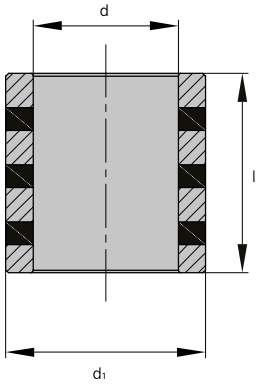
Hardness
HB ≥ 190



KOD / CODE / CÓDIGO	d (in)	l (in)	l₁ (in)	d₁ (in)	d₂ (in)	d₃ (in)
G211-14-0751-112	0.751	1 1/2	1	1.1255	1.124	1.302
G211-14-0876-112	0.876	1 1/2	1	1.2505	1.249	1.427
G211-14-1001-134	1.001	1 3/4	1 1/8	1.3755	1.374	1.552
G211-14-1001-200	1.001	2	1 5/8	1.3755	1.374	1.552
G211-14-1251-134	1.251	1 3/4	1 1/8	1.6255	1.624	1.802
G211-14-1251-212	1.251	2 1/2	1 7/8	1.6255	1.624	1.802
G211-14-1501-134	1.501	1 3/4	1 1/8	2.0005	1.999	2.177
G211-14-1501-212	1.501	2 1/2	1 7/8	2.0005	1.999	2.177
G211-14-2001-214	2.001	2 1/4	1 5/8	2.5005	2.499	2.687

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 1.001, **l=** 1 3/4

Sipariş Kodu / Order Code / Código de Pedido:
G211-14-1001-134





Hammadde / Material :
Bronze + Graphite

Hardness
HB ≥ 190

KOD / CODE / CÓDIGO	d (in)	l (in)	d_1 (in)
G212-02-034-078	3/4	7/8	1.1255
G212-02-034-138	3/4	1 3/8	1.1255
G212-02-034-112	3/4	1 1/2	1.1255
G212-02-078-114	7/8	1 1/4	1.2505
G212-02-078-112	7/8	1 1/2	1.2505
G212-02-100-114	1	1 1/4	1.3755
G212-02-100-138	1	1 3/8	1.3755
G212-02-100-112	1	1 1/2	1.3755
G212-02-100-134	1	1 3/4	1.3755
G212-02-100-200	1	2	1.3755
G212-02-100-300	1	3	1.3755
G212-02-114-114	1 1/4	1 1/4	1.6255
G212-02-114-138	1 1/4	1 3/8	1.6255
G212-02-114-112	1 1/4	1 1/2	1.6255
G212-02-114-134	1 1/4	1 3/4	1.6255
G212-02-114-178	1 1/4	1 7/8	1.6255
G212-02-114-200	1 1/4	2	1.6255
G212-02-114-300	1 1/4	3	1.6255
G212-02-112-114	1 1/2	1 1/4	2.0005
G212-02-112-138	1 1/2	1 3/8	2.0005
G212-02-112-112	1 1/2	1 1/2	2.0005
G212-02-112-134	1 1/2	1 3/4	2.0005
G212-02-112-178	1 1/2	1 7/8	2.0005
G212-02-112-200	1 1/2	2	2.0005
G212-02-112-300	1 1/2	3	2.0005

KOD / CODE / CÓDIGO	d (in)	l (in)	d_1 (in)
G212-02-134-114	1 3/4	1 1/4	2.2505
G212-02-134-112	1 3/4	1 1/2	2.2505
G212-02-134-134	1 3/4	1 3/4	2.2505
G212-02-134-200	1 3/4	2	2.2505
G212-02-134-212	1 3/4	2 1/2	2.2505
G212-02-134-300	1 3/4	3	2.2505
G212-02-134-312	1 3/4	3 1/2	2.2505
G212-02-134-400	1 3/4	4	2.2505
G212-02-200-114	2	1 1/4	2.5005
G212-02-200-112	2	1 1/2	2.5005
G212-02-200-200	2	2	2.5005
G212-02-200-212	2	2 1/2	2.5005
G212-02-200-300	2	3	2.5005
G212-02-200-378	2	3 7/8	2.5005
G212-02-214-112	2 1/4	1 1/2	2.7505
G212-02-214-200	2 1/4	2	2.7505
G212-02-214-212	2 1/4	2 1/2	2.7505
G212-02-214-300	2 1/4	3	2.7505
G212-02-212-112	2 1/2	1 1/2	3.2505
G212-02-212-200	2 1/2	2	3.2505
G212-02-212-300	2 1/2	3	3.2505
G212-02-212-478	2 1/2	4 7/8	3.2505
G212-02-300-200	3	2	3.7505
G212-02-300-212	3	2 1/2	3.7505
G212-02-300-300	3	3	3.7505
G212-02-300-312	3	3 1/2	3.7505
G212-02-300-478	3	4 7/8	3.7505

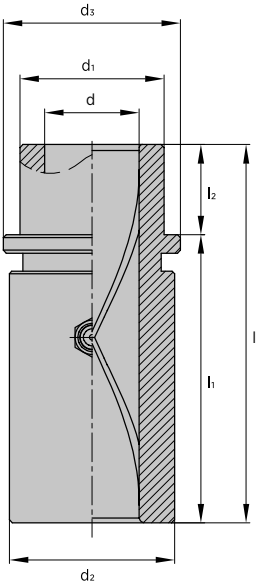
Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 1, **l=** 2

Sipariş Kodu / Order Code / Código de Pedido:
G212-02-100-200

2



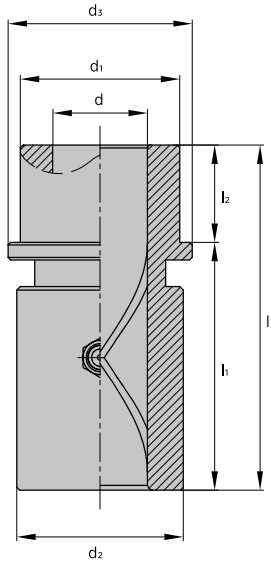
Hammadde / Material :
Hardened Steel



KOD / CODE / CÓDIGO	d (in)	l (in)	l₁ (in)	l₂ (in)	d₁ (in)	d₂ (in)	d₃ (in)
G213-09-100-3938	1	3.938	3	0.938	1.50	1.720	1.845
G213-09-114-4125	1 1/4	4.125	3	1.125	1.75	1.940	2.095
G213-09-112-4188	1 1/2	4.188	3	1.188	2.00	2.190	2.345
G213-09-134-4375	1 3/4	4.375	3	1.375	2.25	2.503	2.658
G213-09-200-4625	2	4.625	3	1.625	2.50	2.909	3.064
G213-09-212-4875	2 1/2	4.875	3	1.875	3.25	3.659	3.814
G213-09-300-4875	3	4.875	3	1.875	3.75	4.190	4.283

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 1, **l=** 3.938

Sipariş Kodu / Order Code / Código de Pedido:
G213-09-100-3938





Hammadde / Material :
Hardened Steel

KOD / CODE / CÓDIGO	d (in)	l (in)	l₁ (in)	l₂ (in)	d₁ (in)	d₂ (in)	d₃ (in)
G213-10-034-2438	3/4	2.438	1.75	0.688	1.125	1.170	1.295
G213-10-078-2438	7/8	2.438	1.75	0.688	1.375	1.417	1.542
G213-10-100-2688	1	2.688	1.75	0.938	1.500	1.720	1.845
G213-10-114-3125	1 1/4	3.125	2.00	1.125	1.750	1.940	2.095
G213-10-112-3188	1 1/2	3.188	2.00	1.188	2.000	2.190	2.345
G213-10-134-3375	1 3/4	3.375	2.00	1.375	2.250	2.503	2.658
G213-10-200-3625	2	3.625	2.00	1.625	2.500	2.909	3.064
G213-10-212-4375	2 1/2	4.375	2.50	1.875	3.250	3.659	3.814
G213-10-300-4375	3	4.375	2.50	1.875	3.750	4.125	4.283

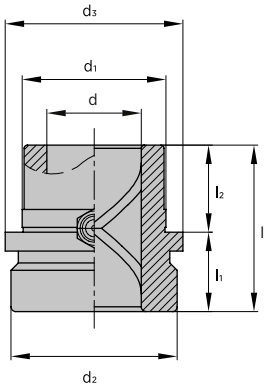
Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 3, **l=** 4.375

Sipariş Kodu / Order Code / Código de Pedido:
G213-10-300-4375

2



Hammadde / Material :
Hardened Steel

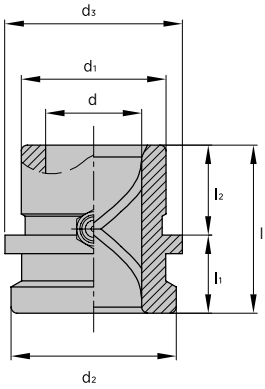


KOD / CODE / CÓDIGO	d	l	l_1	l_2	d_1	d_2	d_3
G213-11-034-1438	3/4	1.438	0.750	0.688	1.125	1.170	1.295
G213-11-078-1438	7/8	1.438	0.750	0.688	1.375	1.417	1.542
G213-11-100-1750	1	1.750	0.813	0.938	1.500	1.720	1.845
G213-11-114-1938	1 1/4	1.938	0.813	1.125	1.750	1.940	2.095
G213-11-112-2000	1 1/2	2.000	0.813	1.188	2.000	2.190	2.345
G213-11-134-2375	1 3/4	2.375	1.000	1.375	2.250	2.503	2.658
G213-11-200-2625	2	2.625	1.000	1.625	2.500	2.909	3.064
G213-11-212-2875	2 1/2	2.875	1.000	1.875	3.250	3.659	3.814
G213-11-300-2875	3	2.875	1.000	1.875	3.750	4.125	4.283

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 3/4, **l=** 1.438

Sipariş Kodu / Order Code / Código de Pedido:
G213-11-034-1438





Hammadde / Material :
Hardened Steel

The press-fit diameters of these bushings match the outside diameters of the oversize shoulder posts, allowing the same hole to be bored through the punch and die holder. The press-fit diameter is 0.0075" oversize to provide grinding stock.

Steel and bronze bushings can be ground for a slip or press fit. Bronze-plated bushings are for demountable use only and are supplied with clamps and screws. Do not hone these bushings. For additional clearance, grind the working diameter of the shoulder guide post.

KOD / CODE / CÓDIGO	d	l	l_1	l_2	d_1	d_2	d_3
G213-12-100-1750	1	1.750	0.813	0.938	1.507	1.720	1.845
G213-12-114-1938	1 1/4	1.938	0.813	1.125	1.757	1.940	2.095
G213-12-112-2000	1 1/2	2.000	0.813	1.188	2.007	2.190	2.345
G213-12-134-2375	1 3/4	2.375	1.000	1.375	2.257	2.503	2.658
G213-12-200-2625	2	2.625	1.000	1.625	2.507	2.909	3.064
G213-12-212-2875	2 1/2	2.875	1.000	1.875	3.257	3.659	3.814

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 1, **l=** 1.750

Sipariş Kodu / Order Code / Código de Pedido:
G213-12-100-1750

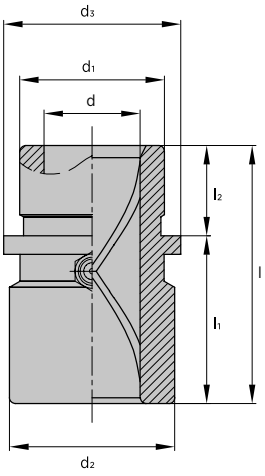
2



Hammadde / Material :
Hardened Steel

The press-fit diameters of these bushings match the outside diameters of the oversize shoulder posts, allowing the same hole to be bored through the punch and die holder. The press-fit diameter is 0.0075" oversize to provide grinding stock.

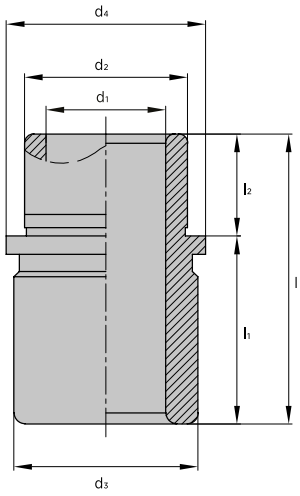
Steel and bronze bushings can be ground for a slip or press fit. Bronze-plated bushings are for demountable use only and are supplied with clamps and screws. Do not hone these bushings. For additional clearance, grind the working diameter of the shoulder guide post.



KOD / CODE / CÓDIGO	d (in)	l (in)	l₁ (in)	l₂ (in)	d₁ (in)	d₂ (in)	d₃ (in)
G213-13-100-2688	1	2.688	1.75	0.938	1.507	1.720	1.845
G213-13-114-3125	1 1/4	3.125	2.00	1.125	1.757	1.940	2.095
G213-13-112-3188	1 1/2	3.188	2.00	1.188	2.007	2.190	2.345
G213-13-134-3375	1 3/4	3.375	2.00	1.375	2.257	2.503	2.658
G213-13-200-3625	2	3.625	2.00	1.625	2.507	2.909	3.064
G213-13-212-4375	2 1/2	4.375	2.50	1.875	3.257	3.659	3.814

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 1, **l=** 2.688

Sipariş Kodu / Order Code / Código de Pedido:
G213-13-100-2688





Hammadde / Material :
Hardened Steel

d*= Post Diameter

KOD / CODE / CÓDIGO	d* (in)	l (in)	l1 (in)	l2 (in)	d1 (in)	d2 (in)	d3 (in)	d4 (in)
G215-06-100-2438	1	2.438	1.25	1.188	1.375	1.875	2.000	2.283
G215-06-100-2938	1	2.938	1.75	1.188	1.375	1.875	2.000	2.283
G215-06-100-3438	1	3.438	2.25	1.188	1.375	1.875	2.000	2.283
G215-06-100-3938	1	3.938	2.75	1.188	1.375	1.875	2.000	2.283
G215-06-114-2938	1 1/4	2.938	1.75	1.188	1.625	2.125	2.360	2.533
G215-06-114-3438	1 1/4	3.438	2.25	1.188	1.625	2.125	2.360	2.533
G215-06-114-3938	1 1/4	3.938	2.75	1.188	1.625	2.125	2.360	2.533
G215-06-112-2938	1 1/2	2.938	1.50	1.438	1.875	2.500	2.875	3.033
G215-06-112-3688	1 1/2	3.688	2.25	1.438	1.875	2.500	2.875	3.033
G215-06-112-4438	1 1/2	4.438	3.00	1.438	1.875	2.500	2.875	3.033
G215-06-112-4938	1 1/2	4.938	3.50	1.438	1.875	2.500	2.875	3.033
G215-06-134-3438	1 3/4	3.438	1.75	1.688	2.125	2.750	2.875	3.283
G215-06-134-4188	1 3/4	4.188	2.50	1.688	2.125	2.750	2.875	3.283
G215-06-134-4938	1 3/4	4.938	3.25	1.688	2.125	2.750	2.875	3.283
G215-06-200-3438	2	3.438	1.50	1.938	2.500	3.250	3.375	3.783
G215-06-200-3938	2	3.938	2.00	1.938	2.500	3.250	3.375	3.783
G215-06-200-4688	2	4.688	2.75	1.938	2.500	3.250	3.375	3.783
G215-06-200-5438	2	5.438	3.50	1.938	2.500	3.250	3.375	3.783
G215-06-200-6188	2	6.188	4.25	1.938	2.500	3.250	3.375	3.783
G215-06-200-6938	2	6.938	5.00	1.938	2.500	3.250	3.375	3.783
G215-06-212-3438	2 1/2	3.438	1.50	1.938	3.000	3.750	4.010	4.283
G215-06-212-3938	2 1/2	3.938	2.00	1.938	3.000	3.750	4.010	4.283
G215-06-212-4938	2 1/2	4.938	3.00	1.938	3.000	3.750	4.010	4.283
G215-06-212-5938	2 1/2	5.938	4.00	1.938	3.000	3.750	4.010	4.283
G215-06-212-6688	2 1/2	6.688	4.75	1.938	3.000	3.750	4.010	4.283
G215-06-212-7438	2 1/2	7.438	5.50	1.938	3.000	3.750	4.010	4.283
G215-06-300-3938	3	3.938	2.00	1.938	3.500	4.250	4.500	4.908
G215-06-300-4938	3	4.938	3.00	1.938	3.500	4.250	4.500	4.908
G215-06-300-5938	3	5.938	4.00	1.938	3.500	4.250	4.500	4.908
G215-06-300-6688	3	6.688	4.75	1.938	3.500	4.250	4.500	4.908
G215-06-300-7438	3	7.438	5.50	1.938	3.500	4.250	4.500	4.908

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d*= 1, **l=** 2.438

Sipariş Kodu / Order Code / Código de Pedido:
G215-06-100-2438

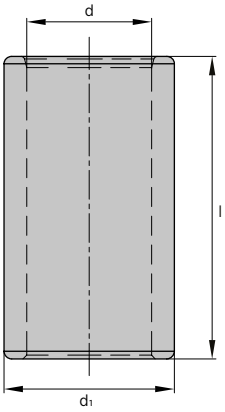
2



Hammadde / Material :
Hardened Steel

The press-fit bushings shown on this page are supplied with an undersized internal diameter, allowing them to be precisely fitted to the corresponding guide post by honing after installation.

If a bushing with a pre-finished internal diameter is required, please specify the "-H" suffix at the end of the part number when ordering.

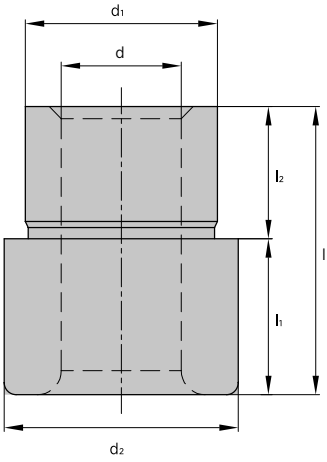


KOD / CODE / CÓDIGO	d (in)	l (in)	d_1 (in)
G215-07-012-112	1/2	1 1/2	13/16
G215-07-058-112	5/8	1 1/2	1
G215-07-034-134	3/4	1 3/4	1 1/8
G215-07-078-134	7/8	1 3/4	1 3/8
G215-07-100-134	1	1 3/4	1 1/2
G215-07-114-200	1 1/4	2	1 3/4
G215-07-112-200	1 1/2	2	2

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 1/2, **l=** 1 1/2

Sipariş Kodu / Order Code / Código de Pedido:
G215-07-012-112





Hammadde / Material :
Hardened Steel

The press-fit bushings shown on this page are supplied with an undersized internal diameter, allowing them to be precisely fitted to the corresponding guide post by honing after installation.

If a bushing with a pre-finished internal diameter is required, please specify the "-H" suffix at the end of the part number when ordering.

KOD / CODE / CÓDIGO	d (in)	l (in)	l_1 (in)	l_2 (in)	d_1 (in)	d_2 (in)
G215-08-012-112	1/2	1 1/2	13/16	11/16	13/16	1.062
G215-08-058-112	5/8	1 1/2	13/16	11/16	1	1.218
G215-08-034-134	3/4	1 3/4	13/16	15/16	1 1/8	1.375
G215-08-078-134	7/8	1 3/4	13/16	15/16	1 3/8	1.625

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 3/4, **l=** 1 3/4

Sipariş Kodu / Order Code / Código de Pedido:
G215-08-034-134

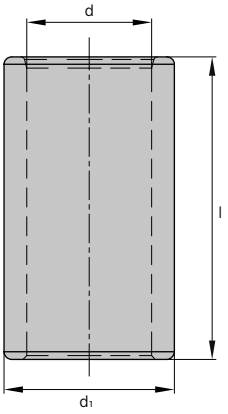
2



Hammadde / Material :
Hardened Steel

The press-fit bushings shown on this page are supplied with an undersized internal diameter, allowing them to be precisely fitted to the corresponding guide post by honing after installation.

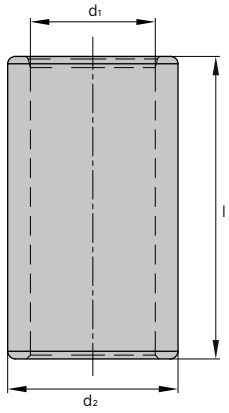
If a bushing with a pre-finished internal diameter is required, please specify the "-H" suffix at the end of the part number when ordering.



KOD / CODE / CÓDIGO	d (in)	l (in)	d_1 (in)
G215-09-012-300	1/2	3	13/16
G215-09-058-300	5/8	3	1
G215-09-034-300	3/4	3	1 1/8
G215-09-078-300	7/8	3	1 3/8
G215-09-100-300	1	3	1 1/2
G215-09-114-300	1 1/4	3	1 3/4
G215-09-112-300	1 1/2	3	2
G215-09-134-300	1 3/4	3	2 1/4
G215-09-200-300	2	3	2 1/2
G215-09-212-300	2 1/2	3	3 1/4

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 1/2, **l=** 3

Sipariş Kodu / Order Code / Código de Pedido:
G215-09-012-300





Hammadde / Material :
Hardened Steel

d*= Post Diameter

APPLICATION OF BUSHING MOUNT

1. Clean the bushing OD and die shoe bore with alcohol, acetone, or another volatile solvent. Wipe dry.

2. Apply a small amount of Bushing Mount and twist the bushing into the die shoe.

3. Follow the approved retaining compound manufacturer's instructions for surface preparation, curing time and temperature.

KOD / CODE / CÓDIGO	d* (in)	l (in)	d₁ (in)	d₂ (in)
G215-10-100-212	1	2 1/2	1 3/8	1 7/8
G215-10-100-300	1	3	1 3/8	1 7/8
G215-10-100-312	1	3 1/2	1 3/8	1 7/8
G215-10-100-400	1	4	1 3/8	1 7/8
G215-10-100-412	1	4 1/2	1 3/8	1 7/8
G215-10-100-500	1	5	1 3/8	1 7/8
G215-10-114-300	1 1/4	3	1 5/8	2 1/8
G215-10-114-312	1 1/4	3 1/2	1 5/8	2 1/8
G215-10-114-400	1 1/4	4	1 5/8	2 1/8
G215-10-114-412	1 1/4	4 1/2	1 5/8	2 1/8
G215-10-114-500	1 1/4	5	1 5/8	2 1/8
G215-10-114-600	1 1/4	6	1 5/8	2 1/8
G215-10-112-300	1 1/2	3	1 7/8	2 1/2
G215-10-112-334	1 1/2	3 3/4	1 7/8	2 1/2
G215-10-112-412	1 1/2	4 1/2	1 7/8	2 1/2
G215-10-112-500	1 1/2	5	1 7/8	2 1/2
G215-10-112-512	1 1/2	5 1/2	1 7/8	2 1/2
G215-10-112-600	1 1/2	6	1 7/8	2 1/2
G215-10-112-700	1 1/2	7	1 7/8	2 1/2
G215-10-112-800	1 1/2	8	1 7/8	2 1/2
G215-10-134-312	1 3/4	3 1/2	2 1/8	2 3/4
G215-10-134-414	1 3/4	4 1/4	2 1/8	2 3/4
G215-10-134-500	1 3/4	5	2 1/8	2 3/4
G215-10-134-512	1 3/4	5 1/2	2 1/8	2 3/4

KOD / CODE / CÓDIGO	d* (in)	l (in)	d₁ (in)	d₂ (in)
G215-10-134-600	1 3/4	6	2 1/8	2 3/4
G215-10-134-700	1 3/4	7	2 1/8	2 3/4
G215-10-134-800	1 3/4	8	2 1/8	2 3/4
G215-10-134-900	1 3/4	9	2 1/8	2 3/4
G215-10-200-400	2	4	2 1/2	3 1/4
G215-10-200-434	2	4 3/4	2 1/2	3 1/4
G215-10-200-512	2	5 1/2	2 1/2	3 1/4
G215-10-200-614	2	6 1/4	2 1/2	3 1/4
G215-10-200-700	2	7	2 1/2	3 1/4
G215-10-200-800	2	8	2 1/2	3 1/4
G215-10-200-900	2	9	2 1/2	3 1/4
G215-10-200-1000	2	10	2 1/2	3 1/4
G215-10-212-600	2 1/2	6	3	3 3/4
G215-10-212-634	2 1/2	6 3/4	3	3 3/4
G215-10-212-712	2 1/2	7 1/2	3	3 3/4
G215-10-212-812	2 1/2	8 1/2	3	3 3/4
G215-10-212-912	2 1/2	9 1/2	3	3 3/4
G215-10-212-1012	2 1/2	10 1/2	3	3 3/4
G215-10-300-600	3	6	3 1/2	4 1/4
G215-10-300-634	3	6 3/4	3 1/2	4 1/4
G215-10-300-712	3	7 1/2	3 1/2	4 1/4
G215-10-300-812	3	8 1/2	3 1/2	4 1/4
G215-10-300-912	3	9 1/2	3 1/2	4 1/4
G215-10-300-1012	3	10 1/2	3 1/2	4 1/4

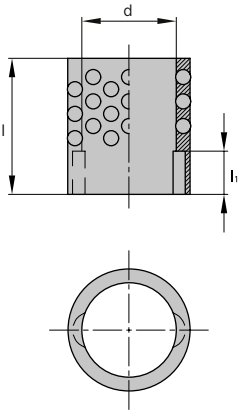
Sipariş Örneği / Order Example / Ejemplo de Pedido:
d*= 1 1/4, **l=** 3

Sipariş Kodu / Order Code / Código de Pedido:
G215-10-114-300

2



Hammadde / Material :
Hardened Steel
Aluminum Alloy

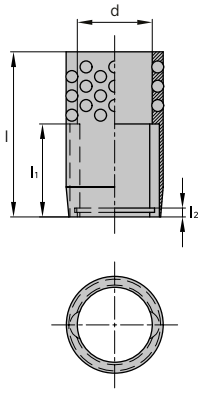


KOD / CODE / CÓDIGO	d (in)	l (in)	l1 (in)
G216-05-100-112	1	1 1/2	7/16
G216-05-100-200	1	2	11/16
G216-05-114-112	1 1/4	1 1/2	7/16
G216-05-114-200	1 1/4	2	11/16
G216-05-112-200	1 1/2	2	11/16
G216-05-112-212	1 1/2	2 1/2	15/16
G216-05-134-200	1 3/4	2	1.170
G216-05-134-212	1 3/4	2 1/2	15/16
G216-05-134-300	1 3/4	3	1 3/16
G216-05-200-200	2	2	1.170
G216-05-200-300	2	3	1 3/16
G216-05-200-312	2	3 1/2	1 7/16
G216-05-212-300	2 1/2	3	1.170
G216-05-212-400	2 1/2	4	1 11/16
G216-05-300-400	3	4	1 11/16

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 2, **l=** 2

Sipariş Kodu / Order Code / Código de Pedido:
G216-05-200-200

Bilyalı Alüminyum Alaşımlı Kafesler
Ball Bearing Aluminum Alloy Cages
Jaulas de Aleación de Aluminio para Rodamientos de Bolas





Hammadde / Material :
Hardened Steel
Aluminum Alloy

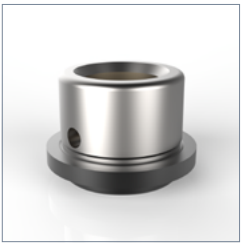
KOD / CODE / CÓDIGO	d (in)	l (in)	l₁ (in)	l₂ (in)
G216-06-100-200	1	2	1 1/16	3/16
G216-06-100-212	1	2 1/2	1 5/16	3/16
G216-06-100-300	1	3	1 9/16	3/16
G216-06-100-314	1	3 1/4	1 13/16	3/16
G216-06-100-312	1	3 1/2	2 1/16	3/16
G216-06-100-334	1	3 3/4	2 5/16	3/16
G216-06-114-234	1 1/4	2 3/4	1 7/16	3/16
G216-06-114-314	1 1/4	3 1/4	1 11/16	3/16
G216-06-114-334	1 1/4	3 3/4	1 15/16	3/16
G216-06-114-400	1 1/4	4	2 3/16	3/16
G216-06-114-414	1 1/4	4 1/4	2 7/16	3/16
G216-06-114-434	1 1/4	4 3/4	2 15/16	3/16
G216-06-112-234	1 1/2	2 3/4	1 7/16	1/4
G216-06-112-312	1 1/2	3 1/2	1 13/16	1/4
G216-06-112-414	1 1/2	4 1/4	2 3/16	1/4
G216-06-112-412	1 1/2	4 1/2	2 7/16	1/4
G216-06-112-500	1 1/2	5	2 15/16	1/4
G216-06-112-512	1 1/2	5 1/2	3 7/16	1/4
G216-06-112-600	1 1/2	6	3 15/16	1/4
G216-06-134-314	1 3/4	3 1/4	1 11/16	1/4
G216-06-134-400	1 3/4	4	2 1/16	1/4
G216-06-134-434	1 3/4	4 3/4	2 7/16	1/4
G216-06-134-514	1 3/4	5 1/4	2 15/16	1/4
G216-06-134-534	1 3/4	5 3/4	3 7/16	1/4
G216-06-134-614	1 3/4	6 1/4	3 15/16	1/4
G216-06-134-634	1 3/4	6 3/4	4 7/16	1/4

KOD / CODE / CÓDIGO	d (in)	l (in)	l₁ (in)	l₂ (in)
G216-06-200-334	2	3 3/4	1 15/16	1/4
G216-06-200-412	2	4 1/2	2 5/16	1/4
G216-06-200-514	2	5 1/4	2 11/16	1/4
G216-06-200-558	2	5 5/8	3 1/16	1/4
G216-06-200-600	2	6	3 7/16	1/4
G216-06-200-612	2	6 1/2	3 15/16	1/4
G216-06-200-700	2	7	4 7/16	1/4
G216-06-200-712	2	7 1/2	4 15/16	1/4
G216-06-212-534	2 1/2	5 3/4	3	3/8
G216-06-212-612	2 1/2	6 1/2	3 3/8	3/8
G216-06-212-714	2 1/2	7 1/4	3 3/4	3/8
G216-06-212-734	2 1/2	7 3/4	4 1/4	3/8
G216-06-212-814	2 1/2	8 1/4	4 3/4	3/8
G216-06-212-834	2 1/2	8 3/4	5 1/4	3/8
G216-06-300-534	3	5 3/4	3	3/8
G216-06-300-612	3	6 1/2	3 3/8	3/8
G216-06-300-714	3	7 1/4	3 3/4	3/8
G216-06-300-734	3	7 3/4	4 1/4	3/8
G216-06-300-814	3	8 1/4	4 3/4	3/8
G216-06-300-834	3	8 3/4	5 1/4	3/8

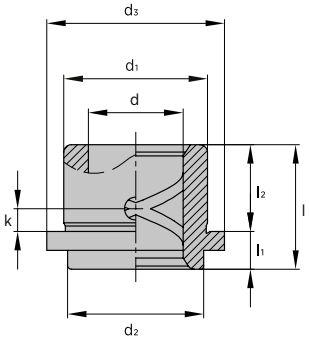
Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 1 1/4, **l=** 4 3/4

Sipariş Kodu / Order Code / Código de Pedido:
G216-06-114-434

2



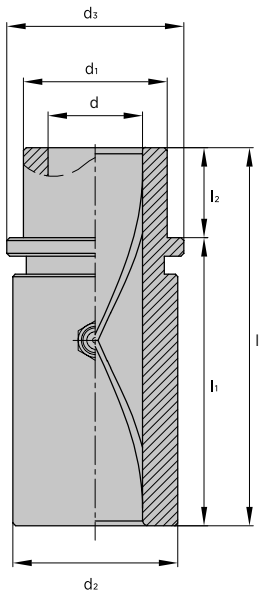
Hammadde / Material :
Hardened Steel
Bronze-Plated



KOD / CODE / CÓDIGO	d (in)	l (in)	l1 (in)	l2 (in)	d1 (in)	d2 (in)	d3 (in)	k
G217-07-100-1375	1	1.375	0.5	0.875	1.500	1.593	1.845	0.181
G217-07-100-1875	1	1.875	0.5	1.375	1.500	1.593	1.845	0.368
G217-07-100-2875	1	2.875	0.5	2.375	1.500	1.593	1.845	0.531
G217-07-114-1375	1 1/4	1.375	0.5	0.875	1.750	1.843	2.050	0.181
G217-07-114-2375	1 1/4	2.375	0.5	1.875	1.750	1.843	2.050	0.406
G217-07-114-3375	1 1/4	3.375	0.5	2.875	1.750	1.843	2.050	0.719
G217-07-112-2375	1 1/2	2.375	0.5	1.875	2.000	2.062	2.345	0.406
G217-07-112-3375	1 1/2	3.375	0.5	2.875	2.000	2.062	2.345	0.719
G217-07-134-2875	1 3/4	2.875	0.5	2.375	2.250	2.312	2.658	0.531
G217-07-134-3875	1 3/4	3.875	0.5	3.375	2.250	2.312	2.658	0.906
G217-07-200-2875	2	2.875	0.5	2.375	2.500	2.625	3.064	0.531
G217-07-200-3875	2	3.875	0.5	3.375	2.500	2.625	3.064	0.906
G217-07-212-3125	2 1/2	3.125	0.5	2.625	3.000	3.062	3.814	0.563
G217-07-212-4125	2 1/2	4.125	0.5	3.625	3.000	3.062	3.814	1.000
G217-07-212-5125	2 1/2	5.125	0.5	4.625	3.000	3.062	3.814	1.375

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 2, **l=** 2.875

Sipariş Kodu / Order Code / Código de Pedido:
G217-07-200-2875





Hammadde / Material :
Hardened Steel
Bronze-Plated

KOD / CODE / CÓDIGO	d (in)	l (in)	l_1 (in)	l_2 (in)	d_1 (in)	d_2 (in)	d_3 (in)
G217-08-100-3938	1	3.938	3	0.938	1.50	1.720	1.845
G217-08-114-4125	1 1/4	4.125	3	1.125	1.75	1.940	2.095
G217-08-112-4188	1 1/2	4.188	3	1.188	2.00	2.190	2.345
G217-08-134-4375	1 3/4	4.375	3	1.375	2.25	2.503	2.658
G217-08-200-4625	2	4.625	3	1.625	2.50	2.909	3.064
G217-08-212-4875	2 1/2	4.875	3	1.875	3.25	3.659	3.814
G217-08-300-4875	3	4.875	3	1.875	3.75	4.190	4.283

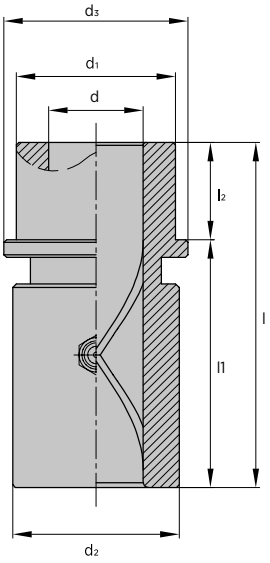
Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 1, **l=** 3.938

Sipariş Kodu / Order Code / Código de Pedido:
G217-08-100-3938

2



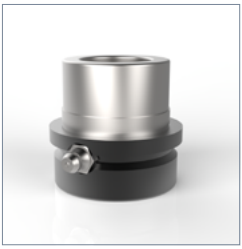
Hammadde / Material :
Hardened Steel
Bronze-Plated

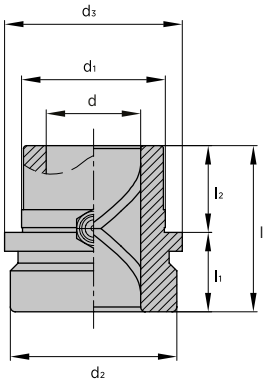


KOD / CODE / CÓDIGO	d (in)	l (in)	l_1 (in)	l_2(in)	d_1 (in)	d_2 (in)	d_3 (in)
G217-09-100-2688	1	2.688	1.75	0.938	1.500	1.720	1.845
G217-09-114-3125	1 1/4	3.125	2.00	1.125	1.750	1.940	2.095
G217-09-112-3188	1 1/2	3.188	2.00	1.188	2.000	2.190	2.345
G217-09-134-3375	1 3/4	3.375	2.00	1.375	2.250	2.503	2.658
G217-09-200-3625	2	3.625	2.00	1.625	2.500	2.909	3.064
G217-09-212-4375	2 1/2	4.375	2.50	1.875	3.250	3.659	3.814
G217-09-300-4375	3	4.375	2.50	1.875	3.750	4.125	4.283

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 2, **l=** 3.625

Sipariş Kodu / Order Code / Código de Pedido:
G217-09-200-3625





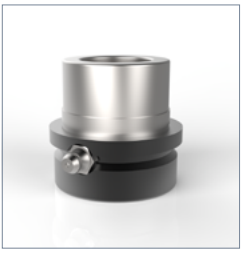
Hammadde / Material :
Hardened Steel
Bronze-Plated

KOD / CODE / CÓDIGO	d (in)	l (in)	l₁ (in)	l₂ (in)	d₁ (in)	d₂ (in)	d₃ (in)
G217-10-100-1750	1	1.750	0.813	0.938	1.500	1.720	1.845
G217-10-114-1938	1 1/4	1.938	0.813	1.125	1.750	1.940	2.095
G217-10-112-2000	1 1/2	2.000	0.813	1.188	2.000	2.190	2.345
G217-10-134-2375	1 3/4	2.375	1.000	1.375	2.250	2.503	2.658
G217-10-200-2625	2	2.625	1.000	1.625	2.500	2.909	3.064
G217-10-212-2875	2 1/2	2.875	1.000	1.875	3.250	3.659	3.814
G217-10-300-2875	3	2.875	1.000	1.875	3.750	4.125	4.283

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 1, **l=** 1.750

Sipariş Kodu / Order Code / Código de Pedido:
G217-10-100-1750

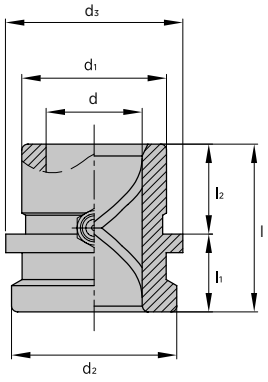
2



Hammadde / Material :
Hardened Steel
Bronze-Plated

The press-fit diameters of these bushings match the outside diameters of the oversize shoulder posts, allowing the same hole to be bored through the punch and die holder. The press-fit diameter is 0.0075" oversize to provide grinding stock.

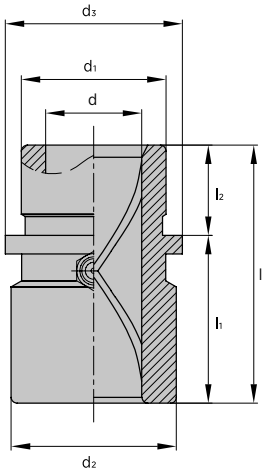
Steel and bronze bushings can be ground for a slip or press fit. Bronze-plated bushings are for demountable use only and are supplied with clamps and screws. Do not hone these bushings. For additional clearance, grind the working diameter of the shoulder guide post.



KOD / CODE / CÓDIGO	d (in)	l (in)	l_1 (in)	l_2 (in)	d_1 (in)	d_2 (in)	d_3 (in)
G217-11-100-1750	1	1.750	0.813	0.938	1.507	1.720	1.845
G217-11-114-1938	1 1/4	1.938	0.813	1.125	1.757	1.940	2.095
G217-11-112-2000	1 1/2	2.000	0.813	1.188	2.007	2.190	2.345
G217-11-134-2375	1 3/4	2.375	1.000	1.375	2.257	2.503	2.658
G217-11-200-2625	2	2.625	1.000	1.625	2.507	2.909	3.064
G217-11-212-2875	2 1/2	2.875	1.000	1.875	3.257	3.659	3.814

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 2 1/2, **l=** 2.875

Sipariş Kodu / Order Code / Código de Pedido:
G217-11-212-2875





Hammadde / Material :
Hardened Steel
Bronze-Plated

The press-fit diameters of these bushings match the outside diameters of the oversize shoulder posts, allowing the same hole to be bored through the punch and die holder. The press-fit diameter is 0.0075" oversize to provide grinding stock.

Steel and bronze bushings can be ground for a slip or press fit. Bronze-plated bushings are for demountable use only and are supplied with clamps and screws. Do not hone these bushings. For additional clearance, grind the working diameter of the shoulder guide post.

KOD / CODE / CÓDIGO	d (in)	l (in)	l₁ (in)	l₂ (in)	d₁ (in)	d₂ (in)	d₃ (in)
G217-12-100-2688	1	2.688	1.75	0.938	1.507	1.720	1.845
G217-12-114-3125	1 1/4	3.125	2.00	1.125	1.757	1.940	2.095
G217-12-112-3188	1 1/2	3.188	2.00	1.188	2.007	2.190	2.345
G217-12-134-3375	1 3/4	3.375	2.00	1.375	2.257	2.503	2.658
G217-12-200-3625	2	3.625	2.00	1.625	2.507	2.909	3.064
G217-12-212-4375	2 1/2	4.375	2.50	1.875	3.257	3.659	3.814

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 2, **l=** 3.625

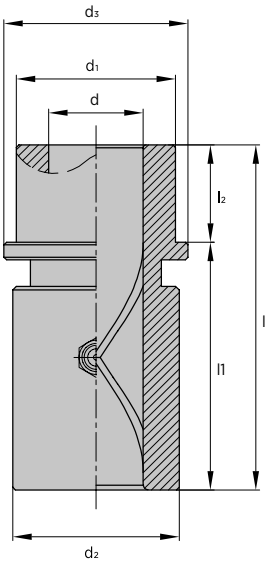
Sipariş Kodu / Order Code / Código de Pedido:
G217-12-200-3625

2



Hammadde / Material :
Bronze

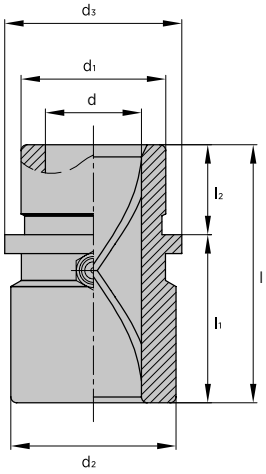
Hardness
HB ≥ 190



KOD / CODE / CÓDIGO	d (in)	l (in)	l1 (in)	l2(in)	d1 (in)	d2 (in)	d3 (in)
G218-01-100-2688	1	2.688	1.75	0.938	1.500	1.720	1.845
G218-01-114-3125	1 1/4	3.125	2.00	1.125	1.750	1.940	2.095
G218-01-112-3188	1 1/2	3.188	2.00	1.188	2.000	2.190	2.345
G218-01-134-3375	1 3/4	3.375	2.00	1.375	2.250	2.503	2.658
G218-01-200-3625	2	3.625	2.00	1.625	2.500	2.909	3.064
G218-01-212-4375	2 1/2	4.375	2.50	1.875	3.250	3.659	3.814
G218-01-300-4375	3	4.375	2.50	1.875	3.750	4.125	4.283

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 2, **l=** 3.625

Sipariş Kodu / Order Code / Código de Pedido:
G218-01-200-3625





Hammadde / Material :
Bronze

Hardness
HB ≥ 190

The press-fit diameters of these bushings match the outside diameters of the oversize shoulder posts, allowing the same hole to be bored through the punch and die holder. The press-fit diameter is 0.0075" oversize to provide grinding stock.

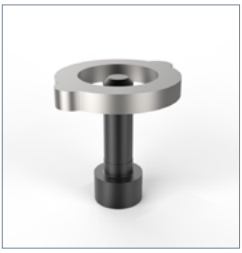
Steel and bronze bushings can be ground for a slip or press fit. Bronze-plated bushings are for demountable use only and are supplied with clamps and screws. Do not hone these bushings. For additional clearance, grind the working diameter of the shoulder guide post.

KOD / CODE / CÓDIGO	d (in)	l (in)	l_1 (in)	l_2 (in)	d_1 (in)	d_2 (in)	d_3 (in)
G218-02-100-2688	1	2.688	1.75	0.938	1.507	1.720	1.845
G218-02-114-3125	1 1/4	3.125	2.00	1.125	1.757	1.940	2.095
G218-02-112-3188	1 1/2	3.188	2.00	1.188	2.007	2.190	2.345
G218-02-134-3375	1 3/4	3.375	2.00	1.375	2.257	2.503	2.658
G218-02-200-3625	2	3.625	2.00	1.625	2.507	2.909	3.064
G218-02-212-4375	2 1/2	4.375	2.50	1.875	3.257	3.659	3.814

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 1, **l=** 2.688

Sipariş Kodu / Order Code / Código de Pedido:
G218-02-100-2688

2

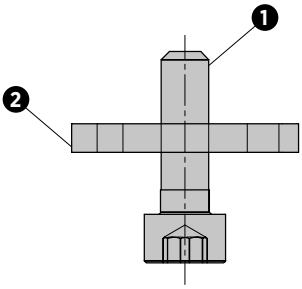


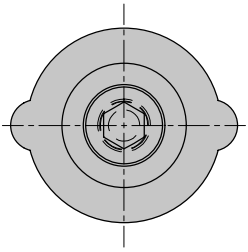
Hammadde / Material :

1 ANSI B18.3

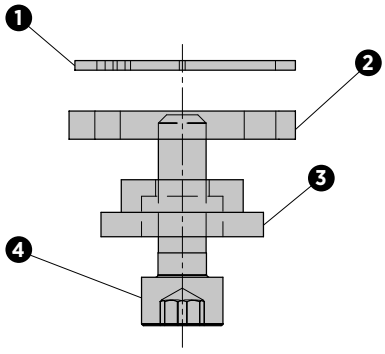
2 Steel

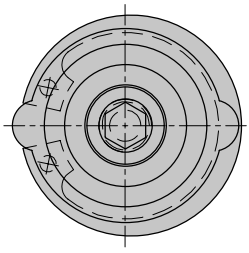
d*= Post Diameter





SET KODU / SET CODE / CÓDIGO del CONJUNTO	d*	Part 1	Part 2
A101-19-100	1	C-5/16-18X3/4	A101-19-1001
A101-19-114	1 1/4	C-5/16-18X3/4	A101-19-1141
A101-19-112	1 1/2	C-3/8-16X7/8	A101-19-1121
A101-19-134	1 3/4	C-3/8-16X7/8	A101-19-1341
A101-19-200	2	C-3/8-16X7/8	A101-19-2001
A101-19-212	2 1/2	C-1/2-13X1	A101-19-2121
A101-19-300	3	C-1/2-13X1	A101-19-3001







Hammadde / Material :

1 ANSI B18.27

2 Steel

3 Steel

4 ANSI B18.3

d*= Post Diameter

SET KODU / SET CODE / CÓDIGO del CONJUNTO	d*	Part 1	Part 2	Part 3	Part 4
A101-20-100	1	A101-20-1002	A101-20-1001	A101-20-1	C-5/16-18X3/4
A101-20-114	1 1/4	A101-20-1142	A101-20-1141	A101-20-1	C-5/16-18X3/4
A101-20-112	1 1/2	A101-20-1122	A101-20-1121	A101-20-2	C-3/8-16X7/8
A101-20-134	1 3/4	A101-20-1342	A101-20-1341	A101-20-2	C-3/8-16X7/8
A101-20-200	2	A101-20-2002	A101-20-2001	A101-20-2	C-3/8-16X7/8
A101-20-212	2 1/2	A101-20-2122	A101-20-2121	A101-20-3	C-1/2-13X1
A101-20-300	3	A101-20-3002	A101-20-3001	A101-20-3	C-1/2-13X1

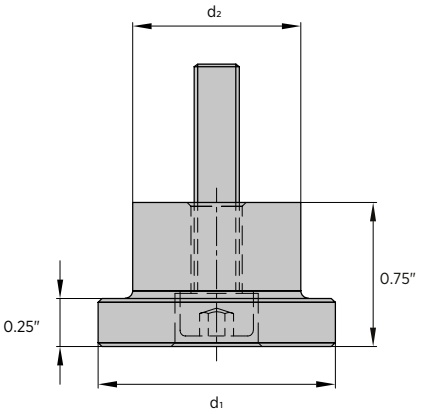
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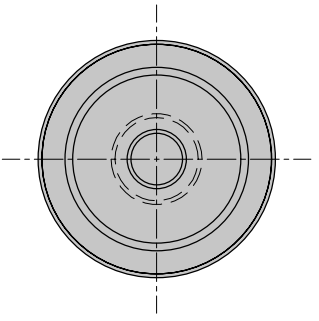


Hammadde / Material :
Hardened Steel

Screw included.

d*= Post Diameter



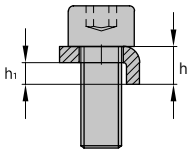


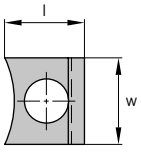
KOD / CODE / CÓDIGO	d* (in)	d₁ (in)	d₂ (in)	SHCS Used
A101-24-100	1	1.250	0.875	5/16
A101-24-114	1 1/4	1.500	1.125	5/16
A101-24-112	1 1/2	1.750	1.375	3/8
A101-24-134	1 3/4	2.000	1.625	3/8
A101-24-200	2	2.375	1.875	3/8
A101-24-212	2 1/2	2.875	2.375	1/2
A101-24-300	3	3.375	2.875	1/2

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d*= 2

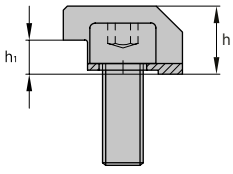
Sipariş Kodu / Order Code / Código de Pedido:
A101-24-200

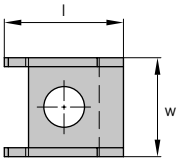
Form A





Form B







Hammadde / Material :
Hardened Steel

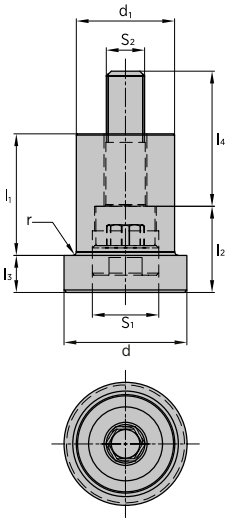
KOD / CODE / CÓDIGO	Form	w (in)	l (in)	h (in)	h₁ (in)	Screw
A101-25-001	A	0.625	0.625	0.344	0.193	1/4-20x3/4 long
A101-25-002	A	0.625	0.781	0.375	0.193	5/16-18x3/4 long
A101-25-003	A	0.625	0.781	0.443	0.250	5/16-18x7/8 long
A101-25-004	A	0.500	0.469	0.219	0.125	1/4-20x5/8 long
A101-25-005	B	0.719	0.719	0.453	0.193	5/16-18x1/2 long

2



Hammadde / Material :
AISI 1144 Steel

Hardened
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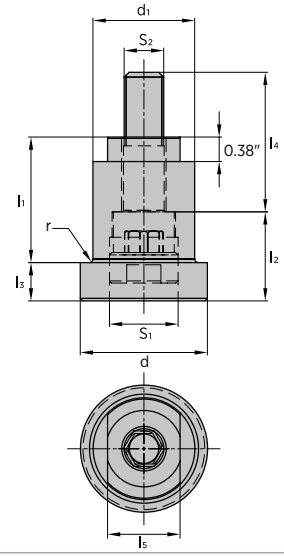
KOD / CODE / CÓDIGO	d (in)	d1 (in) ±0.005	S1 (in)	S2 (in)	r (in)	Load Rating Lbs.
A104-03-100-100	1.00	0.75	5/8 – 18	5/16 – 18	0.03	1500
A104-03-106-100	1.06	0.81	5/8 – 18	5/16 – 18	0.03	1500
A104-03-125-100	1.25	1.00	3/4 – 16	3/8 – 16	0.03	3000
A104-03-162-100	1.62	1.25	7/8 – 14	1/2 – 13	0.06	5000
A104-03-187-125	1.87	1.50	1-1/8 – 12	5/8 – 11	0.06	7500
A104-03-200-150	2.00	1.62	1-1/4 – 12	3/4 – 10	0.06	10000

KOD / CODE / CÓDIGO	l1 (in)	l2 (in)	l3 (in)	l4 (in)
A104-03-100-100	1.00	1.00	0.38	1.00
A104-03-100-125	1.25	1.00	0.38	1.25
A104-03-100-150	1.50	1.00	0.38	1.50
A104-03-100-175	1.75	1.00	0.38	1.75
A104-03-100-200	2.00	1.00	0.38	2.00
A104-03-100-225	2.25	1.00	0.38	2.25
A104-03-100-250	2.50	1.00	0.38	2.50
A104-03-100-275	2.75	1.00	0.38	2.75
A104-03-100-300	3.00	1.00	0.38	3.00
A104-03-100-325	3.25	1.00	0.38	3.25
A104-03-100-350	3.50	1.00	0.38	3.50
A104-03-106-100	1.00	1.00	0.375	1.00
A104-03-106-125	1.25	1.00	0.375	1.25
A104-03-106-150	1.50	1.00	0.375	1.50
A104-03-106-175	1.75	1.00	0.375	1.75
A104-03-106-200	2.00	1.00	0.375	2.00
A104-03-106-225	2.25	1.00	0.375	2.25
A104-03-106-250	2.50	1.00	0.375	2.50
A104-03-106-275	2.75	1.00	0.375	2.75
A104-03-106-300	3.00	1.00	0.375	3.00
A104-03-106-325	3.25	1.00	0.375	3.25
A104-03-106-350	3.50	1.00	0.375	3.50
A104-03-125-100	1.00	1.12	0.50	1.00
A104-03-125-125	1.25	1.12	0.50	1.25
A104-03-125-150	1.50	1.12	0.50	1.50
A104-03-125-175	1.75	1.12	0.50	1.75
A104-03-125-200	2.00	1.12	0.50	2.00
A104-03-125-225	2.25	1.12	0.50	2.25
A104-03-125-250	2.50	1.12	0.50	2.50

KOD / CODE / CÓDIGO	l1 (in)	l2 (in)	l3 (in)	l4 (in)
A104-03-125-275	2.75	1.12	0.5	2.75
A104-03-125-300	3.00	1.12	0.50	3.00
A104-03-125-325	3.25	1.12	0.50	3.25
A104-03-125-350	3.50	1.12	0.50	3.50
A104-03-125-375	3.75	1.12	0.50	3,75
A104-03-125-400	4.00	1.12	0.50	4.00
A104-03-125-450	4.50	1.12	0.50	4.50
A104-03-125-500	5.00	1.12	0.50	5.00
A104-03-125-550	5.50	1.12	0.50	5.50
A104-03-125-600	6.00	1.12	0.50	6.00
A104-03-162-100	1.00	1.12	0.50	1.25
A104-03-162-125	1.25	1.12	0.50	1.50
A104-03-162-150	1.50	1.12	0.50	1.75
A104-03-162-175	1,75	1.12	0.50	2.00
A104-03-162-200	2.00	1.12	0.50	2.25
A104-03-162-225	2,25	1.12	0.50	2.50
A104-03-162-250	2,50	1.12	0.50	2.75
A104-03-162-275	2,75	1.12	0.50	3.00
A104-03-162-300	3.00	1.12	0.50	3.25
A104-03-162-325	3.25	1.12	0.50	3.50
A104-03-162-350	3.50	1.12	0.50	3.75
A104-03-162-375	3.75	1.12	0.50	4.00
A104-03-162-400	4.00	1.12	0.50	4.25
A104-03-162-450	4.50	1.12	0.50	4.75
A104-03-162-500	5.00	1.12	0.50	5.25
A104-03-162-550	5.50	1.12	0.50	6.00
A104-03-162-600	6.00	1.12	0.50	6.50
A104-03-187-125	1.25	1.25	0.50	1.50
A104-03-187-150	1.50	1.25	0.50	1.75

KOD / CODE / CÓDIGO	l1 (in)	l2 (in)	l3 (in)	l4 (in)
A104-03-187-175	1.75	1.25	0.50	2.00
A104-03-187-200	2.00	1.25	0.50	2.25
A104-03-187-225	2.25	1.25	0.50	2.50
A104-03-187-250	2.50	1.25	0.50	2.75
A104-03-187-275	2.75	1.25	0.50	3.00
A104-03-187-300	3.00	1.25	0.50	3.25
A104-03-187-325	3.25	1.25	0.50	3.50
A104-03-187-350	3.50	1.25	0.50	3.75
A104-03-187-375	3.75	1.25	0.50	4.00
A104-03-187-400	4.00	1.25	0.50	4.25
A104-03-187-450	4.50	1.25	0.50	5.00
A104-03-187-500	5.00	1.25	0.50	5.50
A104-03-187-550	5.50	1.25	0.50	6.00
A104-03-187-600	6.00	1.25	0.50	6.50
A104-03-200-150	1.50	1.38	0.50	2.00
A104-03-200-175	1.75	1.38	0.50	2.25
A104-03-200-200	2.00	1.38	0.50	2.50
A104-03-200-225	2.25	1.38	0.50	2.75
A104-03-200-250	2.50	1.38	0.50	3.00
A104-03-200-275	2.75	1.38	0.50	3.25
A104-03-200-300	3.00	1.38	0.50	3.50
A104-03-200-325	3.25	1.38	0.50	3.75
A104-03-200-350	3.50	1.38	0.50	4.00
A104-03-200-375	3.75	1.38	0.50	4.25
A104-03-200-400	4.00	1.38	0.50	4.50
A104-03-200-450	4.50	1.38	0.50	5.00
A104-03-200-500	5.00	1.38	0.50	5.50
A104-03-200-550	5.50	1.38	0.50	6.00
A104-03-200-600	6.00	1.38	0.50	6.50

Düz Yüzeyli Standart Montaj Baskı Plakası Tutucuları
Standard Mount Pad Retainer with Flats
Retenedores de Almohadilla de Montaje Estándar con Planos





Hammadde / Material :
AISI 1144 Steel

Hardened
HRC 28 ÷ 34

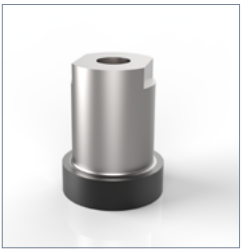
KOD / CODE / CÓDIGO	d (in)	d_1 (in) ±0.005	S_1 (in)	S_2 (in)	l_5 (in)	r (in)	Load Rating lbs.
A104-04-100-100	1.00	0.75	5/8 – 18	5/16 – 18	0.625	0.03	1500
A104-04-106-100	1.06	0.81	5/8 – 18	5/16 – 18	0.690	0.03	1500
A104-04-125-100	1.25	1.00	3/4 – 16	3/8 – 16	0.875	0.03	3000
A104-04-162-100	1.62	1.25	7/8 – 14	1/2 – 13	1.125	0.06	5000
A104-04-187-125	1.87	1.50	1-1/8 – 12	5/8 – 11	1.250	0.06	7500
A104-04-200-150	2.00	1.62	1-1/4 – 12	3/4 – 10	1.375	0.06	10000

KOD / CODE / CÓDIGO	l_1 (in)	l_2 (in)	l_3 (in)	l_4 (in)
A104-04-100-100	1.00	1.00	0.38	1.00
A104-04-100-125	1.25	1.00	0.38	1.25
A104-04-100-150	1.50	1.00	0.38	1.50
A104-04-100-175	1.75	1.00	0.38	1.75
A104-04-100-200	2.00	1.00	0.38	2.00
A104-04-100-225	2.25	1.00	0.38	2.25
A104-04-100-250	2.50	1.00	0.38	2.50
A104-04-100-275	2.75	1.00	0.38	2.75
A104-04-100-300	3.00	1.00	0.38	3.00
A104-04-100-325	3.25	1.00	0.38	3.25
A104-04-100-350	3.50	1.00	0.38	3.50
A104-04-106-100	1.00	1.00	0.375	1.00
A104-04-106-125	1.25	1.00	0.375	1.25
A104-04-106-150	1.50	1.00	0.375	1.50
A104-04-106-175	1.75	1.00	0.375	1.75
A104-04-106-200	2.00	1.00	0.375	2.00
A104-04-106-225	2.25	1.00	0.375	2.25
A104-04-106-250	2.50	1.00	0.375	2.50
A104-04-106-275	2.75	1.00	0.375	2.75
A104-04-106-300	3.00	1.00	0.375	3.00
A104-04-106-325	3.25	1.00	0.375	3.25
A104-04-106-350	3.50	1.00	0.375	3.50
A104-04-125-100	1.00	1.12	0.50	1.00
A104-04-125-125	1.25	1.12	0.50	1.25
A104-04-125-150	1.50	1.12	0.50	1.50
A104-04-125-175	1.75	1.12	0.50	1.75
A104-04-125-200	2.00	1.12	0.50	2.00
A104-04-125-225	2.25	1.12	0.50	2.25
A104-04-125-250	2.50	1.12	0.50	2.50

KOD / CODE / CÓDIGO	l_1 (in)	l_2 (in)	l_3 (in)	l_4 (in)
A104-04-125-275	2.75	1.12	0.50	2.75
A104-04-125-300	3.00	1.12	0.50	3.00
A104-04-125-325	3.25	1.12	0.50	3.25
A104-04-125-350	3.50	1.12	0.50	3.50
A104-04-125-375	3.75	1.12	0.50	3.75
A104-04-125-400	4.00	1.12	0.50	4.00
A104-04-125-450	4.50	1.12	0.50	4.50
A104-04-125-500	5.00	1.12	0.50	5.00
A104-04-125-550	5.50	1.12	0.50	5.50
A104-04-125-600	6.00	1.12	0.50	6.00
A104-04-162-100	1.00	1.12	0.50	1.25
A104-04-162-125	1.25	1.12	0.50	1.50
A104-04-162-150	1.50	1.12	0.50	1.75
A104-04-162-175	1.75	1.12	0.50	2.00
A104-04-162-200	2.00	1.12	0.50	2.25
A104-04-162-225	2.25	1.12	0.50	2.50
A104-04-162-250	2.50	1.12	0.50	2.75
A104-04-162-275	2.75	1.12	0.50	3.00
A104-04-162-300	3.00	1.12	0.50	3.25
A104-04-162-325	3.25	1.12	0.50	3.50
A104-04-162-350	3.50	1.12	0.50	3.75
A104-04-162-375	3.75	1.12	0.50	4.00
A104-04-162-400	4.00	1.12	0.50	4.25
A104-04-162-450	4.50	1.12	0.50	4.75
A104-04-162-500	5.00	1.12	0.50	5.25
A104-04-162-550	5.50	1.12	0.50	6.00
A104-04-162-600	6.00	1.12	0.50	6.50
A104-04-187-125	1.25	1.25	0.50	1.50
A104-04-187-150	1.50	1.25	0.50	1.75

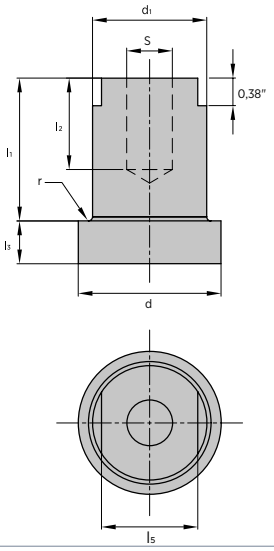
KOD / CODE / CÓDIGO	l_1 (in)	l_2 (in)	l_3 (in)	l_4 (in)
A104-04-187-175	1.75	1.25	0.50	2.00
A104-04-187-200	2.00	1.25	0.50	2.25
A104-04-187-225	2.25	1.25	0.50	2.50
A104-04-187-250	2.50	1.25	0.50	2.75
A104-04-187-275	2.75	1.25	0.50	3.00
A104-04-187-300	3.00	1.25	0.50	3.25
A104-04-187-325	3.25	1.25	0.50	3.50
A104-04-187-350	3.50	1.25	0.50	3.75
A104-04-187-375	3.75	1.25	0.50	4.00
A104-04-187-400	4.00	1.25	0.50	4.25
A104-04-187-450	4.50	1.25	0.50	5.00
A104-04-187-500	5.00	1.25	0.50	5.50
A104-04-187-550	5.50	1.25	0.50	6.00
A104-04-187-600	6.00	1.25	0.50	6.50
A104-04-200-150	1.50	1.38	0.50	2.00
A104-04-200-175	1.75	1.38	0.50	2.25
A104-04-200-200	2.00	1.38	0.50	2.50
A104-04-200-225	2.25	1.38	0.50	2.75
A104-04-200-250	2.50	1.38	0.50	3.00
A104-04-200-275	2.75	1.38	0.50	3.25
A104-04-200-300	3.00	1.38	0.50	3.50
A104-04-200-325	3.25	1.38	0.50	3.75
A104-04-200-350	3.50	1.38	0.50	4.00
A104-04-200-375	3.75	1.38	0.50	4.25
A104-04-200-400	4.00	1.38	0.50	4.50
A104-04-200-450	4.50	1.38	0.50	5.00
A104-04-200-500	5.00	1.38	0.50	5.50
A104-04-200-550	5.50	1.38	0.50	6.00
A104-04-200-600	6.00	1.38	0.50	6.50

2



Hammadde / Material :
AISI 1144 Steel

Hardened
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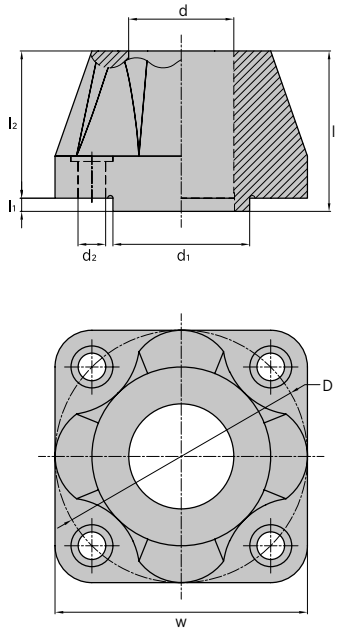
KOD / CODE / CÓDIGO	d (in)	d₁ (in) ± .005	S (in)	l₅ (in)	r (in)	Load Rating Lbs.
A104-05-100-100	1.00	0.75	5/16 - 18	0.625	0.03	1500
A104-05-106-100	1.06	0.81	5/16 - 18	0.690	0.03	1500
A104-05-125-100	1.25	1.00	3/8 - 16	0.875	0.03	3000
A104-05-162-125	1.62	1.25	1/2 - 13	1.125	0.06	5000
A104-05-187-150	1.87	1.50	5/8 - 11	1.250	0.06	7500
A104-05-200-175	2.00	1.62	3/4 - 10	1.375	0.06	10000

KOD / CODE / CÓDIGO	l₁ (in)	l₂ (in)	l₃ (in)
A104-05-100-100	1.00	0.625	0.38
A104-05-100-125	1.25	0.625	0.38
A104-05-100-150	1.50	0.625	0.38
A104-05-100-175	1.75	0.625	0.38
A104-05-100-200	2.00	0.625	0.38
A104-05-100-225	2.25	0.625	0.38
A104-05-100-250	2.50	0.625	0.38
A104-05-100-275	2.75	0.625	0.38
A104-05-100-300	3.00	0.625	0.38
A104-05-100-350	3.50	0.625	0.38
A104-05-100-375	3.75	0.625	0.38
A104-05-100-400	4.00	0.625	0.38
A104-05-100-450	4.50	0.625	0.38
A104-05-100-500	5.00	0.625	0.38
A104-05-100-550	5.50	0.625	0.38
A104-05-100-600	6.00	0.625	0.38
A104-05-106-100	1.00	0.625	0.38
A104-05-106-125	1.25	0.625	0.38
A104-05-106-150	1.50	0.625	0.38
A104-05-106-175	1.75	0.625	0.38
A104-05-106-200	2.00	0.625	0.38
A104-05-106-225	2.25	0.625	0.38
A104-05-106-250	2.50	0.625	0.38
A104-05-106-275	2.75	0.625	0.38
A104-05-106-300	3.00	0.625	0.38
A104-05-106-325	3.25	0.625	0.38
A104-05-106-350	3.50	0.625	0.38
A104-05-125-100	1.00	0.750	0.50
A104-05-125-125	1.25	0.750	0.50

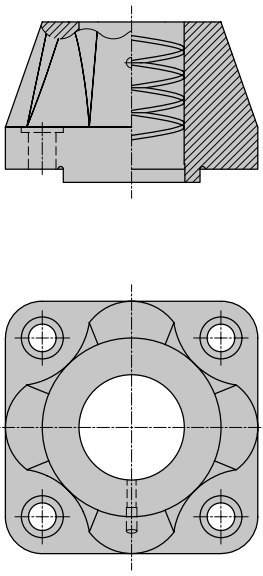
KOD / CODE / CÓDIGO	l₁ (in)	l₂ (in)	l₃ (in)
A104-05-125-150	1.50	0.750	0.50
A104-05-125-175	1.75	0.750	0.50
A104-05-125-200	2.00	0.750	0.50
A104-05-125-225	2.25	0.750	0.50
A104-05-125-250	2.50	0.750	0.50
A104-05-125-275	2.75	0.750	0.50
A104-05-125-300	3.00	0.750	0.50
A104-05-125-325	3.25	0.750	0.50
A104-05-125-350	3.50	0.750	0.50
A104-05-125-375	3.75	0.750	0.50
A104-05-125-400	4.00	0.750	0.50
A104-05-125-450	4.50	0.750	0.50
A104-05-125-500	5.00	0.750	0.50
A104-05-125-550	5.50	0.750	0.50
A104-05-125-600	6.00	0.750	0.50
A104-05-162-125	1.25	1.000	0.50
A104-05-162-150	1.50	1.000	0.50
A104-05-162-175	1.75	1.000	0.50
A104-05-162-200	2.00	1.000	0.50
A104-05-162-225	2.25	1.000	0.50
A104-05-162-250	2.50	1.000	0.50
A104-05-162-275	2.75	1.000	0.50
A104-05-162-300	3.00	1.000	0.50
A104-05-162-325	3.25	1.000	0.50
A104-05-162-350	3.50	1.000	0.50
A104-05-162-375	3.75	1.000	0.50
A104-05-162-400	4.00	1.000	0.50
A104-05-162-450	4.50	1.000	0.50
A104-05-162-500	5.00	1.000	0.50

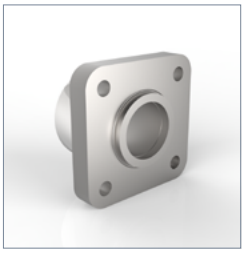
KOD / CODE / CÓDIGO	l₁ (in)	l₂ (in)	l₃ (in)
A104-05-162-550	5.50	1.000	0.50
A104-05-162-600	6.00	1.000	0.50
A104-05-187-150	1.50	1.250	0.50
A104-05-187-175	1.75	1.250	0.50
A104-05-187-200	2.00	1.250	0.50
A104-05-187-225	2.25	1.250	0.50
A104-05-187-250	2.50	1.250	0.50
A104-05-187-275	2.75	1.250	0.50
A104-05-187-300	3.00	1.250	0.50
A104-05-187-325	3.25	1.250	0.50
A104-05-187-350	3.50	1.250	0.50
A104-05-187-375	3.75	1.250	0.50
A104-05-187-400	4.00	1.250	0.50
A104-05-187-450	4.50	1.250	0.50
A104-05-187-500	5.00	1.250	0.50
A104-05-187-550	5.50	1.250	0.50
A104-05-187-600	6.00	1.250	0.50
A104-05-200-175	1.75	1.500	0.50
A104-05-200-200	2.00	1.500	0.50
A104-05-200-225	2.25	1.500	0.50
A104-05-200-250	2.50	1.500	0.50
A104-05-200-275	2.75	1.500	0.50
A104-05-200-300	3.00	1.500	0.50
A104-05-200-325	3.25	1.500	0.50
A104-05-200-350	3.50	1.500	0.50
A104-05-200-375	3.75	1.500	0.50
A104-05-200-400	4.00	1.500	0.50
A104-05-200-450	4.50	1.500	0.50
A104-05-200-500	5.00	1.500	0.50
A104-05-200-550	5.50	1.500	0.50
A104-05-200-600	6.00	1.500	0.50

Form A



Form B

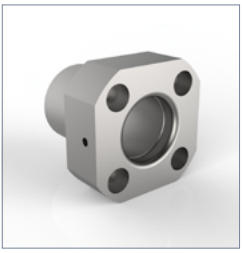




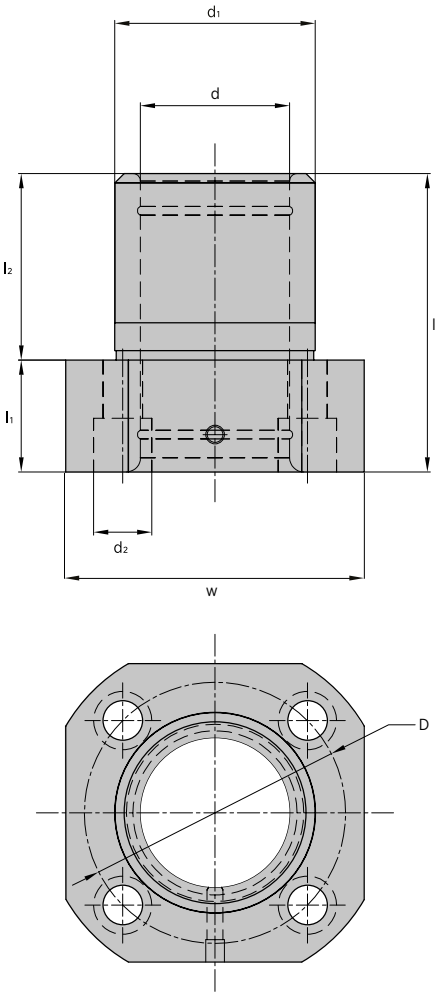
Hammadde / Material :

KOD / CODE / CÓDIGO	Form	d (in)	d_1 (in)	w (in)	D (in)	d_2 (in)	l (in)	l_1 (in)	l_2 (in)
A104-06-200-11316	A	2	2.5005	5	4 19/32	21/32	1 13/16	5/16	1 1/2
A104-06-200-31316	A	2	2.5005	5	4 19/32	21/32	3 13/16	5/16	3 1/2
A104-06-200-51316	A	2	2.5005	5	4 19/32	21/32	5 13/16	5/16	5 1/2
A104-06-212-11316	A	2 1/2	3.2505	6	6	21/32	1 13/16	5/16	1 1/2
A104-06-212-31316	A	2 1/2	3.2505	6	6	21/32	3 13/16	5/16	3 1/2
A104-06-212-51316	A	2 1/2	3.2505	6	6	21/32	5 13/16	5/16	5 1/2
A104-06-300-31316	A	3	3.7505	7	7 1/16	25/32	3 13/16	5/16	3 1/2
A104-06-300-51316	A	3	3.7505	7	7 1/16	25/32	5 13/16	5/16	5 1/2
A104-06-200-113161	B	2	2.5005	5	4 19/32	21/32	1 13/16	5/16	1 1/2
A104-06-200-313161	B	2	2.5005	5	4 19/32	21/32	3 13/16	5/16	3 1/2
A104-06-200-513161	B	2	2.5005	5	4 19/32	21/32	5 13/16	5/16	5 1/2
A104-06-212-113161	B	2 1/2	3.2505	6	6	21/32	1 13/16	5/16	1 1/2
A104-06-212-313161	B	2 1/2	3.2505	6	6	21/32	3 13/16	5/16	3 1/2
A104-06-212-513161	B	2 1/2	3.2505	6	6	21/32	5 13/16	5/16	5 1/2
A104-06-300-313161	B	3	3.7505	7	7 1/16	25/32	3 13/16	5/16	3 1/2
A104-06-300-513161	B	3	3.7505	7	7 1/16	25/32	5 13/16	5/16	5 1/2

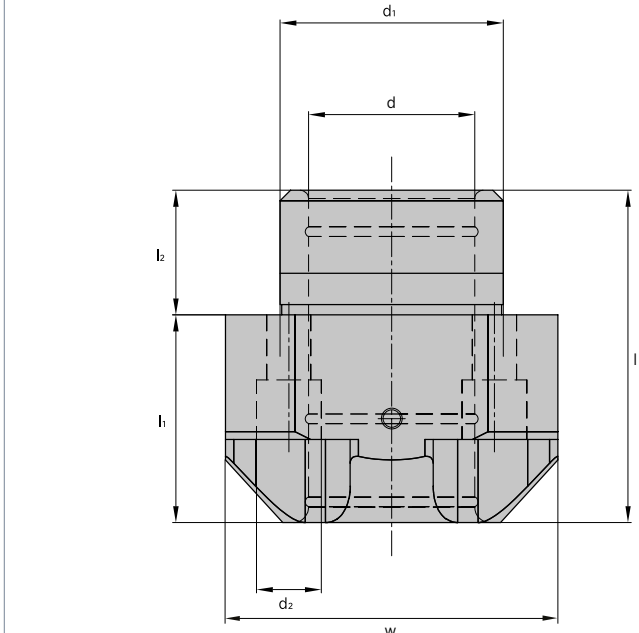
2

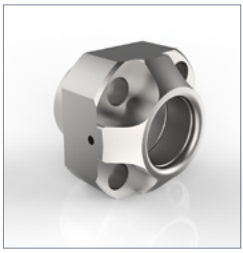


Hammadde / Material :



KOD / CODE / CÓDIGO	d (in)	l (in)	l1 (in)	l2 (in)	d1 (in)	d2 (in)	w (in)	D (in)
A104-07-200-400	2	4	1 1/2	2 1/2	2.6880	17/32	4	3 1/2
A104-07-212-412	2 1/2	4 1/2	1 1/2	3	3.4380	21/32	5	4 5/8

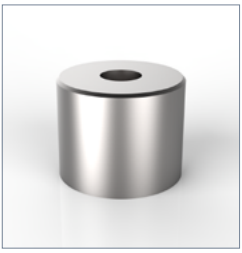




Hammadde / Material :

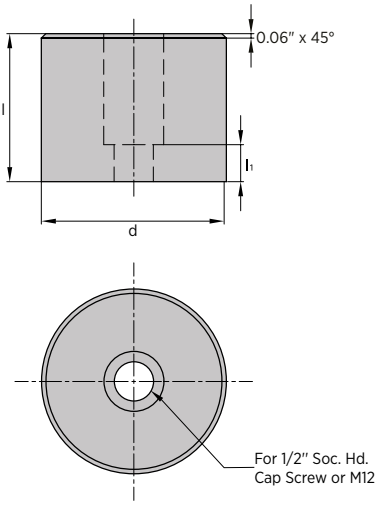
KOD / CODE / CÓDIGO	d (in)	d₁ (in)	d₂ (in)	w (in)	D (in)	l₁ (in)	l₂ (in)	l (in)
A104-08-200-400	2	2.6880	17/32	4	3 1/2	2 1/2	1 1/2	4
A104-08-212-412	2 1/2	3.4380	21/32	5	4 5/8	2 1/2	2	4 1/2

2



Hammadde / Material :
1018 Steel

The supplied length is intentionally manufactured 0.060" above the specified nominal dimension, allowing for final machining as required.



*l ≤ 2" - l1=0.50"
**l ≥ 2.50" - l1=1.38"

KOD / CODE / CÓDIGO	d (in)	l (in)
M318-10-200-150	2.00	1.50
M318-10-200-200	2.00	2.00
M318-10-200-250	2.00	2.50
M318-10-200-300	2.00	3.00
M318-10-200-350	2.00	3.50
M318-10-200-400	2.00	4.00
M318-10-200-425	2.00	4.25
M318-10-200-475	2.00	4.75
M318-10-200-525	2.00	5.25
M318-10-200-550	2.00	5.50
M318-10-200-600	2.00	6.00
M318-10-200-650	2.00	6.50
M318-10-250-150	2.50	1.50
M318-10-250-200	2.50	2.00
M318-10-250-250	2.50	2.50
M318-10-250-300	2.50	3.00
M318-10-250-350	2.50	3.50
M318-10-250-400	2.50	4.00
M318-10-250-425	2.50	4.25
M318-10-250-475	2.50	4.75
M318-10-250-525	2.50	5.25
M318-10-250-550	2.50	5.50
M318-10-250-600	2.50	6.00
M318-10-250-650	2.50	6.50

NOTLAR / NOTES / NOTAS

NOTLAR / NOTES / NOTAS