

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

METRIC

NOTLAR / NOTES / NOTAS

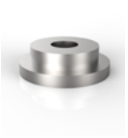
Index

Contents	Page
 **G200-03** Kılavuz Kolonlar Press Fit Guide Posts Columnas Guía de Montaje a Presión	1.4
 **G201-01** Kılavuz Kolonlar Demountable Guide Posts Columnas Guía Desmontables	1.5
 **G201-04** Kılavuz Kolonlar Demountable Guide Posts Columnas Guía Desmontables	1.6
 **G202-01** Kılavuz Kolonlar Press Fit Guide Posts Columnas Guía de Montaje a Presión	1.7
 **G211-01** Faturalı Grafitli Kılavuz Burçlar Bush Self-Lubricating Bujes Autolubricantes para Columnas Guía	1.8
 **G211-03** Faturalı Grafitli Kılavuz Burçlar Bush Self-Lubricating Bujes Autolubricantes para Columnas Guía	1.9
 **G211-10** Faturalı Grafitli Kılavuz Burçlar Bush Self-Lubricating Bujes Autolubricantes para Columnas Guía	1.10

Contents	Page
 **G212-01** Grafitli Kılavuz Burçlar Bush Self-Lubricating Bujes Autolubricantes para Columnas Guía	1.11
 **BU08** Faturalı Grafitli Kılavuz Burçlar Bush Self-Lubricating Bujes Autolubricantes para Columnas Guía	1.12
 **BU08** Faturalı Grafitli Kılavuz Burçlar Bush Self-Lubricating Bujes Autolubricantes para Columnas Guía	1.13
 **G213-05** Çelik Kanallı Kalın Kılavuz Burçlar Demountable Plain Bearing Bushings Bujes Lisos Desmontables	1.14
 **G213-06** Çelik Kanallı Kalın Kılavuz Burçlar Demountable Plain Bearing Bushings Bujes Lisos Desmontables	1.15
 **G213-07** Çelik Kanallı Kalın Kılavuz Burçlar Demountable Plain Bearing Bushings Bujes Lisos Desmontables	1.16
 **G213-08** Çelik Düz Yataklı Alçak Profil Burçlar Demountable Plain Bearing Low Profile Bushings Bujes Lisos Desmontables de Perfil Bajo	1.17

Index

Contents	Page
 **G215-03** Sökülebilir Bilyalı Yatak Burcu Demountable Ball Bearing Bushings Casquillos de Rodamiento de Bolas Desmontables	1.18
 **G215-04** Düz Kovan Burçlar Straight Sleeve Bushings Bujes Cilíndricos Rectos	1.19
 **G215-05** Sökülebilir Sıyırıcı Burçlar Demountable Stripper Bushings Bujes Extractores Desmontables	1.20
 **G216-02** Bilyalı Alüminyum Alaşımlı Kafes Burçlar Ball Bearing Aluminum Alloy Cages Bujes de Aleación de Aluminio con Rodamientos de Bolas	1.21
 **G216-03** Bilyalı Alüminyum Alaşımlı Kafes Burçlar Ball Bearing Aluminum Alloy Cages Bujes de Aleación de Aluminio con Rodamientos de Bolas	1.22
 **G216-04** Sökülebilir Bilyalı Kafes Burçlar Demountable Ball Bearing Cages Jaula de Bolas Desmontables	1.23
 **G217-03** Sökülebilir Bronz Geçme Burçlar Demountable Bronze-Plated Bushings Bujes Desmontables con Recubrimiento de Bronce	1.24

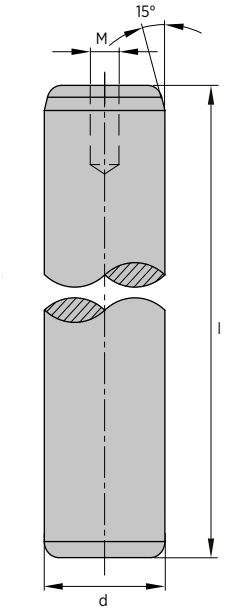
Contents	Page
 **G217-04** Sökülebilir Bronz Geçme Burçlar Demountable Bronze-Plated Bushings Bujes Desmontables con Recubrimiento de Bronce	1.25
 **G217-05** Sökülebilir Bronz Geçme Burçlar Demountable Bronze-Plated Bushings Bujes Desmontables con Recubrimiento de Bronce	1.26
 **G217-06** Bronz Geçme Çelik Kısa Kılavuz Burçlar Bronze-Plated Low Profile Guide Bushings Bujes Guía Cortos de Acero con Recubrimiento de Bronce	1.27
 **A101-17** Bilyalı Burç Pul Grubu Tip I Ball Cage Washer Assembly Type I Conjunto de Arandela Para Jaula de Bolas	1.28
 **A101-18** Bilyalı Burç Pul Grubu & Stoplama Pulu Ball Cage Washer Assembly & Stop Washer Type II Conjunto de Arandela Para Jaula de Bolas y Arandela de Tope	1.29
 **A101-21** Kafes Durdurucu Uç Kapağı Cage Stopper End Cap Tapa Final de Tope de la Jaula	1.30
 **A101-22** Tutucu Tapa Retainer Plug Tapón de Retención	1.31

Index

Contents	Page
 **A101-23** Burç Tutucu Toe Clamp Brida de Sujeción	1.32
 **A104-01** Standart Montaj Baskı Plakası Tutucuları Standard Mount Pad Retainer Retenedores de Placa - Montaje Estándar	1.33
 **A104-02** Ters Montaj Baskı Plakası Tutucuları Reverse Mount Pad Retainer Retenedores de Placa - Montaje Inverso	1.34



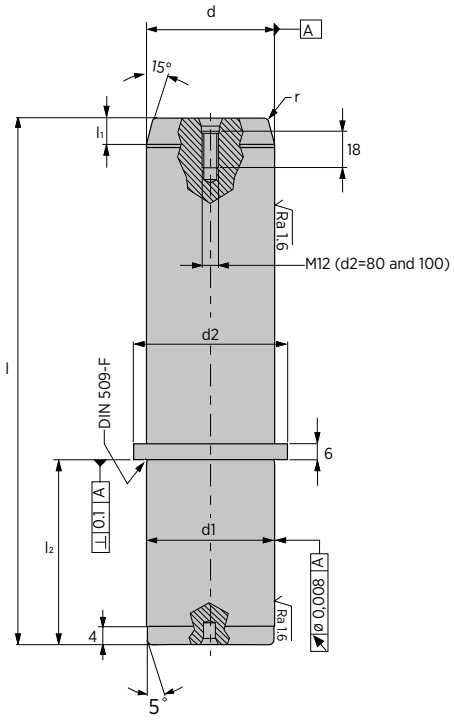
Hammadde / Material :
Hardened Steel



d	l																					M
18	100	110	120	130	140	150	160	170	180	190	200	-	-	-	-	-	-	-	-	-	-	-
19	100	110	120	130	140	150	160	170	180	190	200	-	-	-	-	-	-	-	-	-	-	-
24	100	110	120	130	140	150	160	170	180	190	200	220	240	260	-	-	-	-	-	-	-	-
25	100	110	120	130	140	150	160	170	180	190	200	220	240	260	-	-	-	-	-	-	-	M6
30	100	110	120	130	140	150	160	170	180	190	200	220	240	260	280	300	320	-	-	-	-	-
32	100	110	120	130	140	150	160	170	180	190	200	220	240	260	280	300	320	-	-	-	-	M6
38	-	110	120	130	140	150	160	170	180	190	200	220	240	260	280	300	320	360	-	-	-	-
40	-	110	120	130	140	150	160	170	180	190	200	220	240	260	280	300	320	360	-	-	-	M10
48	-	-	-	130	140	150	160	170	180	190	200	220	240	260	280	300	320	360	400	450	-	-
50	-	-	-	130	140	150	160	170	180	190	200	220	240	260	280	300	320	360	400	450	-	M10
63	-	-	-	-	-	-	-	-	-	-	200	220	240	260	280	300	320	360	400	450	500	M10
80	-	-	-	-	-	-	-	-	-	-	200	220	240	260	280	300	320	360	400	450	500	M10

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 80, **l=** 320

Sipariş Kodu / Order Code / Código de Pedido:
G200-03-080-320





Hammadde / Material :
Steel

Surface Hardened
HRC 57 ÷ 62

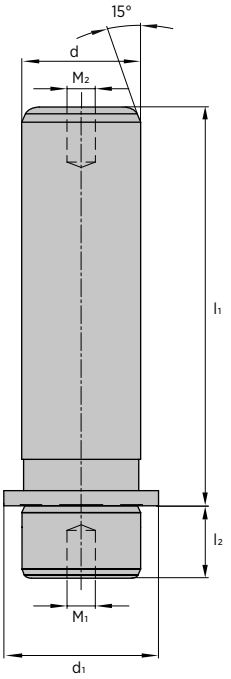
d f6	d1 r6	l											l1	l2	d2	r
25	25	140	160	180	-	-	-	-	-	-	-	-	4	40	33	2
32	32	140	160	180	200	-	-	-	-	-	-	-	8	45	40	2
40	40	-	160	180	200	224	250	-	-	-	-	-	8	56	50	2
50	50	-	160	180	200	224	250	280	315	-	-	-	10	70	60	2.5
63	63	-	-	-	200	224	250	280	315	355	400	-	10	80	80	2.5
80	80	-	-	-	-	-	250	280	315	355	400	500	10	100	90	3
100	100	-	-	-	-	-	-	-	315	355	400	500	10	125	110	3

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 40, **l=** 224

Sipariş Kodu / Order Code / Código de Pedido:
G201-01-040-224



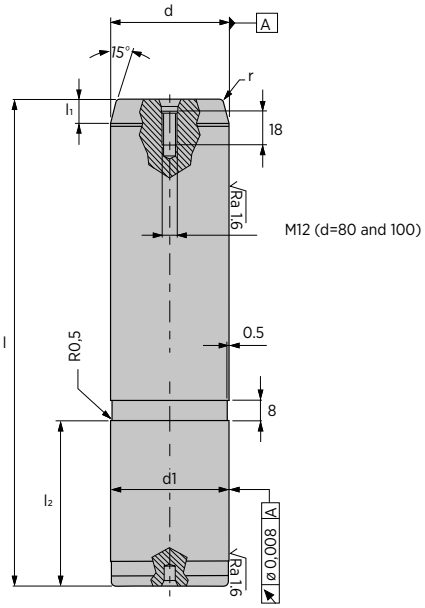
Hammadde / Material :
Hardened Steel



d	l1																			l2	d1	M1	M2
18	80	90	100	110	120	-	140	-	160	-	-	-	-	-	-	-	-	-	-	20	25.60	M5	-
19	80	90	100	110	120	-	140	-	160	-	-	-	-	-	-	-	-	-	-	20	25.60	M5	-
24	80	90	100	110	120	130	140	150	160	170	180	190	200	-	-	-	-	-	-	24	32.60	M6	-
25	80	90	100	110	120	130	140	150	160	170	180	190	200	-	-	-	-	-	-	24	32.60	M6	M6
30	-	-	100	110	120	130	140	150	160	170	180	190	200	220	240	280	-	-	-	30	40.60	M6	-
32	-	-	100	110	120	130	140	150	160	170	180	190	200	220	240	280	-	-	-	30	40.60	M6	M6
38	-	-	-	110	120	130	140	150	160	170	180	190	200	220	240	280	-	-	-	37	50.80	M10	-
40	-	-	-	110	120	130	140	150	160	170	180	190	200	220	240	280	-	-	-	37	50.80	M10	M10
48	-	-	-	110	120	130	140	150	160	170	180	190	200	220	240	280	320	360	400	45	63.80	M12	-
50	-	-	-	110	120	130	140	150	160	170	180	190	200	220	240	280	320	360	400	45	63.80	M12	M10
63	-	-	-	-	120	-	140	-	160	-	180	-	200	220	240	280	320	360	400	49	76.00	M16	M10
80	-	-	-	-	120	-	140	-	160	-	180	-	200	220	240	280	320	360	400	60	93.00	M16	M10

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 80, **l1=** 320

Sipariş Kodu / Order Code / Código de Pedido:
G201-04-080-320





Material :
Steel

Surface Hardened
HRC 60 ÷ 62

d w	d1 r6	l																l1	l2	r
25	25	140	160	180	-	-	-	-	-	-	-	-	-	-	-	-	-	4	40	2
32	32	140	160	180	200	-	-	-	-	-	-	-	-	-	-	-	-	8	45	2
40	40	-	160	180	200	224	250	-	-	-	-	-	-	-	-	-	-	8	56	2
50	50	-	160	180	200	224	250	280	-	315	-	360	-	-	-	-	-	10	70	2.5
63	63	-	-	-	200	224	250	280	300	315	355	-	400	-	-	-	-	10	80	2.5
80	80	-	-	-	-	-	250	280	-	315	355	-	400	450	500	-	-	10	100	3
100	100	-	-	-	-	-	-	-	-	315	355	-	400	-	500	550	600	10	125	3

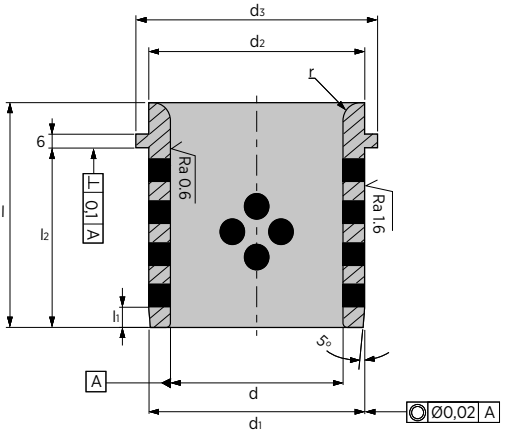
Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 80, **l=** 315

Sipariş Kodu / Order Code / Código de Pedido:
G202-01-080-315



Hammadde / Material :
Bronze + Graphite

Hardness
HB ≥ 190

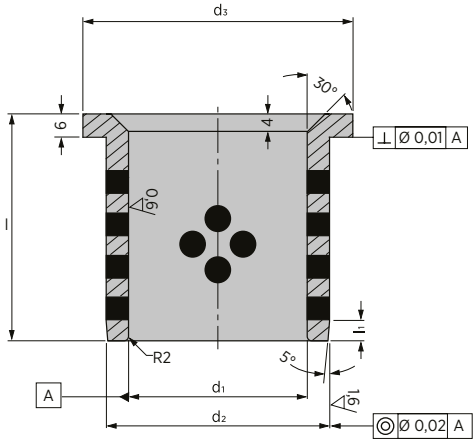


KOD / CODE / CÓDIGO	d H7	l -0.5	l1	l2	d1 g6	d2 -0.25	d3 -0.8	r
G211-01-025-040	25	40	3	30	32	32	40	3
G211-01-032-050	32	50	4	40	40	40	50	3
G211-01-040-063	40	63	5	50	50	50	63	3
G211-01-050-071	50	71	6.3	56	63	63	71	5
G211-01-063-080	63	80	8	63	80	80	90	6
G211-01-080-100	80	100	10	80	100	100	112	8
G211-01-100-125	100	125	12,5	106	125	125	140	10
G211-01-125-160	125	160	16	132	160	160	180	12

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 80, **l=** 100

Sipariş Kodu / Order Code / Código de Pedido:
G211-01-080-100





Hammadde / Material :
Bronze + Graphite

Hardness
HB ≥ 190

KOD / CODE / CÓDIGO	d_1 c9	l	d_2 g6	d_3	l_1
G211-03-025-040	25	40	32	40	4
G211-03-032-050	32	50	40	50	4
G211-03-040-055	40	55	50	63	5
G211-03-050-063	50	63	63	71	6
G211-03-063-075	63	75	80	90	8
G211-03-080-090	80	90	100	112	10
G211-03-100-115	100	115	125	140	12
G211-03-125-138	125	138	160	180	12

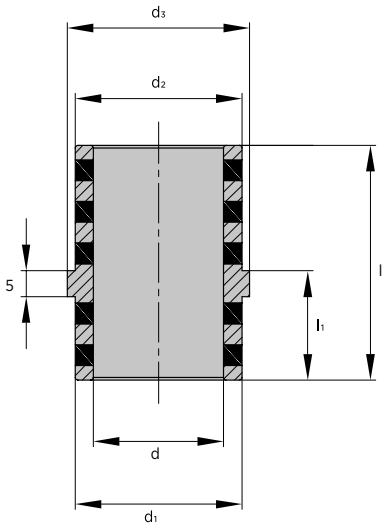
Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 80, **l=** 90

Sipariş Kodu / Order Code / Código de Pedido:
G211-03-080-090



Hammadde / Material :
Bronze + Graphite

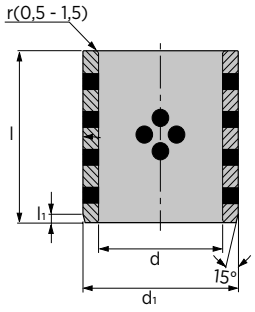
Hardness
HB ≥ 190



KOD / CODE / CÓDIGO	d	l	l_1	d_1	d_2	d_3
G211-10-020-037	20	37	25	26	26	28
G211-10-025-045	25	45	29	32	32	35
G211-10-030-045	30	45	29	38	38	41

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 30, **l=** 45

Sipariş Kodu / Order Code / Código de Pedido:
G211-10-030-045





Hammadde / Material :
Bronze + Graphite

Hardness
HB ≥ 190

d F7	d1 m6	l -0.1 / -0.3																			l1
8	12	8	10	12	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5
10	14	8	10	12	15	-	-	20	-	-	-	-	-	-	-	-	-	-	-	-	0.5
12	18	8	10	12	15	16	19	20	25	30	-	-	-	-	-	-	-	-	-	-	0.5
16	22	-	10	12	15	16	19	20	25	30	35	40	-	-	-	-	-	-	-	-	0.5
18	24	-	10	12	15	16	-	20	25	30	35	40	-	-	-	-	-	-	-	-	0.5
20	28	-	10	12	15	16	19	20	25	30	35	40	50	-	-	-	-	-	-	-	0.5
20	30	-	10	12	15	16	-	20	25	30	35	40	-	-	70	-	-	-	-	-	0.5
25	33	-	-	12	15	16	-	20	25	30	35	40	50	60	-	-	-	-	-	-	0.5
25	35	-	-	12	15	16	-	20	25	30	35	40	50	-	-	-	-	-	-	-	0.5
30	38	-	-	12	15	-	-	20	25	30	35	40	50	60	-	-	-	-	-	-	1
30	40	-	-	12	15	-	-	20	25	30	35	40	50	60	-	-	-	-	-	-	1
35	44	-	-	-	-	-	-	20	25	30	35	40	50	60	-	-	-	-	-	-	1
35	45	-	-	-	15	-	-	20	25	30	35	40	50	60	-	-	-	-	-	-	1
40	50	-	-	-	15	-	-	20	25	30	35	40	50	60	70	80	-	-	-	-	1
40	55	-	-	-	15	-	-	-	25	30	35	40	50	60	-	-	-	-	-	-	1
50	60	-	-	-	-	-	-	20	25	30	35	40	50	60	70	80	-	-	-	-	1
50	62	-	-	-	-	-	-	-	-	30	35	40	50	60	70	80	-	-	-	-	1
50	65	-	-	-	-	-	-	-	-	30	-	40	50	60	70	80	-	100	-	-	1
60	75	-	-	-	-	-	-	-	-	30	35	40	50	60	70	80	-	100	-	-	1
70	85	-	-	-	-	-	-	-	-	30	35	40	50	60	70	80	-	100	-	-	1
80	96	-	-	-	-	-	-	20	-	-	-	40	50	60	70	80	-	100	120	-	1
80	100	-	-	-	-	-	-	-	-	-	-	40	50	60	70	80	-	100	120	-	140	1
100	120	-	-	-	-	-	-	-	-	-	-	40	50	60	70	80	90	100	120	-	140	1.5
100	130	-	-	-	-	-	-	-	-	-	-	-	50	-	70	80	-	100	120	-	-	1.5
110	130	-	-	-	-	-	-	-	-	-	-	-	50	-	70	80	-	100	120	-	-	1.5
130	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	-	100	-	130	-	1.5

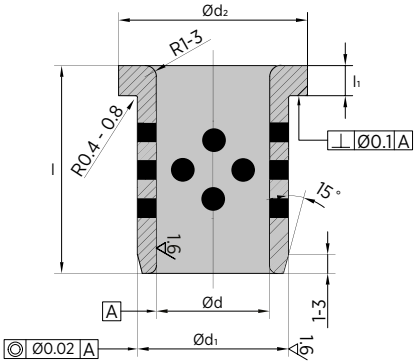
Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 25, **d1=** 33, **l=** 50

Sipariş Kodu / Order Code / Código de Pedido:
G212-01-025033050



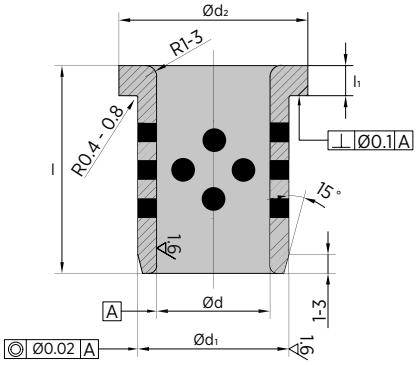
Hammadde / Material :
Bronze + Graphite

Hardness
HB ≥ 190



KOD / CODE / CÓDIGO	Ød E7	Ød₁ r6	Ød₂	l₁ -0.1	l -0.1 / -0.3
BU08 0008010 257	8	12	20	2	10
BU08 0008012 258	8	12	20	2	12
BU08 0008015 259	8	12	20	2	15
BU08 0010010 260	10	14	22	2	10
BU08 0010012 261	10	14	22	2	12
BU08 0010015 262	10	14	22	2	15
BU08 0010017 318	10	14	22	2	17
BU08 0010020 263	10	14	22	2	20
BU08 0012010 319	12	18	25	3	10
BU08 0012012 320	12	18	25	3	12
BU08 0012015 264	12	18	25	3	15
BU08 0012020 265	12	18	25	3	20
BU08 0012025 321	12	18	25	3	25
BU08 0012030 322	12	18	25	3	30
BU08 0013010 323	13	19	26	3	10
BU08 0013012 324	13	19	26	3	12
BU08 0013015 266	13	19	26	3	15
BU08 0013020 267	13	19	26	3	20
BU08 0013025 325	13	19	26	3	25
BU08 0013030 326	13	19	26	3	30
BU08 0014015 268	14	20	27	3	15
BU08 0014020 269	14	20	27	3	20
BU08 0014030 327	14	20	27	3	25
BU08 0015010 328	15	21	28	3	10
BU08 0015012 329	15	21	28	3	12
BU08 0015015 270	15	21	28	3	15
BU08 0015020 271	15	21	28	3	20
BU08 0015025 272	15	21	28	3	25
BU08 0015030 330	15	21	28	3	30

KOD / CODE / CÓDIGO	Ød E7	Ød₁ r6	Ød₂	l₁ -0.1	l -0.1 / -0.3
BU08 0016012 331	16	22	29	3	12
BU08 0016015 273	16	22	29	3	15
BU08 0016018 332	16	22	29	3	18
BU08 0016020 274	16	22	29	3	20
BU08 0016023 333	16	22	29	3	23
BU08 0016025 275	16	22	29	3	25
BU08 0016030 317	16	22	29	3	30
BU08 0016035 334	16	22	29	3	35
BU08 0016040 335	16	22	29	3	40
BU08 0018015 336	18	24	32	3	15
BU08 0018020 337	18	24	32	3	20
BU08 0018025 338	18	24	32	3	25
BU08 0018030 339	18	24	32	3	30
BU08 0018035 340	18	24	32	3	35
BU08 0018040 341	18	24	32	3	40
BU08 0020015 276	20	30	40	5	15
BU08 0020020 277	20	30	40	5	20
BU08 0020025 342	20	30	40	5	25
BU08 0020030 278	20	30	40	5	30
BU08 0020030 343	20	30	40	5	35
BU08 0020040 279	20	30	40	5	40
BU08 0025015 344	25	35	45	5	15
BU08 0025020 280	25	35	45	5	20
BU08 0025025 281	25	35	45	5	25
BU08 0025030 282	25	35	45	5	30
BU08 0025035 345	25	35	45	5	35
BU08 0025040 283	25	35	45	5	40
BU08 0025050 346	25	35	45	5	50
BU08 0030020 347	30	40	50	5	20





Hammadde / Material :
Bronze + Graphite

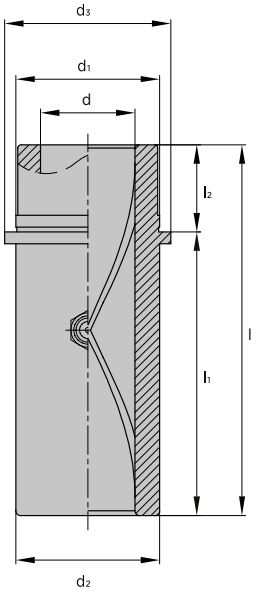
Hardness
HB ≥ 190

KOD / CODE / CÓDIGO	Ød E7	Ød₁ r6	Ød₂	l₁ -0.1	l -0.1 / -0.3
BU08 0030025 348	30	40	50	6	25
BU08 0030030 284	30	40	50	5	30
BU08 0030035 285	30	40	50	5	35
BU08 0030040 286	30	40	50	5	40
BU08 0030050 287	30	40	50	5	50
BU08 003150020 349	31,5	40	50	5	20
BU08 003150030 350	31,5	40	50	5	30
BU08 003150035 351	31,5	40	50	5	35
BU08 003150040 352	31,5	40	50	5	40
BU08 0035020 353	35	45	60	5	20
BU08 0035025 354	35	45	60	5	25
BU08 0035030 288	35	45	60	5	30
BU08 0035035 355	35	45	60	5	35
BU08 0035040 289	35	45	60	5	40
BU08 0035050 290	35	45	60	5	50
BU08 0040020 356	40	50	65	5	20
BU08 0040025 357	40	50	65	5	25
BU08 0040030 291	40	50	65	5	30
BU08 0040035 358	40	50	65	5	35
BU08 0040040 292	40	50	65	5	40
BU08 0040050 293	40	50	65	5	50
BU08 0045030 294	45	55	70	5	30
BU08 0045035 359	45	55	70	5	35
BU08 0045040 295	45	55	70	5	40
BU08 0045050 360	45	55	70	5	50
BU08 0045060 296	45	55	70	5	60
BU08 0050030 297	50	60	75	5	30
BU08 0050035 361	50	60	75	5	35
BU08 0050040 298	50	60	75	5	40

KOD / CODE / CÓDIGO	Ød E7	Ød₁ r6	Ød₂	l₁ -0.1	l -0.1 / -0.3
BU08 0050050 361	50	60	75	5	50
BU08 0050060 299	50	60	75	5	60
BU08 0055040 300	55	65	80	5	40
BU08 0055060 301	55	65	80	5	60
BU08 0060040 302	60	75	90	7,5	40
BU08 0060050 303	60	75	90	7,5	50
BU08 0060080 304	60	75	90	7,5	80
BU08 0065060 362	65	80	95	7,5	60
BU08 0070050 305	70	85	105	7,5	50
BU08 0070080 306	70	85	105	7,5	80
BU08 0075060 307	75	90	110	7,5	60
BU08 0080060 308	80	100	120	10	60
BU08 0080080 309	80	100	120	10	80
BU08 0080100 310	80	100	120	10	100
BU08 0090060 311	90	110	130	10	60
BU08 0090080 312	90	110	130	10	80
BU08 0100080 313	100	120	150	10	80
BU08 0100100 314	100	120	150	10	100
BU08 0120080 315	120	140	170	10	80
BU08 0120100 316	120	140	170	10	100
BU08 0130080 363	130	150	180	10	80
BU08 0130100 364	130	150	180	10	100
BU08 0140080 365	140	160	190	10	80
BU08 0140100 366	140	160	190	10	100
BU08 0150100 367	150	170	200	10	100
BU08 0150120 368	150	170	200	10	120
BU08 0160100 369	160	180	210	10	100
BU08 0160120 370	160	180	210	10	120



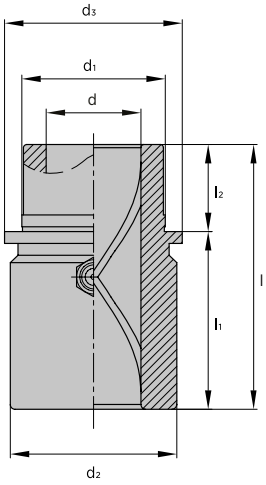
Hammadde / Material :
Hardened Steel



KOD / CODE / CÓDIGO	d	l	l_1	l_2	d_1	d_2	d_3
G213-05-024-098	24	98	75	23	38	44	47
G213-05-025-098	25	98	75	23	38	44	47
G213-05-030-100	30	100	75	25	45	51	54
G213-05-032-100	32	100	75	25	45	51	54
G213-05-038-115	38	115	85	30	54	60	63
G213-05-040-115	40	115	85	30	54	60	63
G213-05-048-135	48	135	100	35	65	75	75
G213-05-050-135	50	135	100	35	65	75	75

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 50, **l=** 135

Sipariş Kodu / Order Code / Código de Pedido:
G213-05-050-135





Hammadde / Material :
Hardened Steel

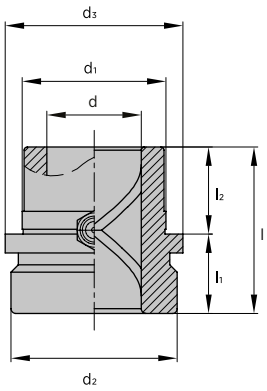
KOD / CODE / CÓDIGO	d	l	l_1	l_2	d_1	d_2	d_3
G213-06-018-050	18	50	32	18	28	28	32
G213-06-019-050	19	50	32	18	28	28	32
G213-06-024-070	24	70	47	23	38	44	47
G213-06-025-070	25	70	47	23	38	44	47
G213-06-030-075	30	75	50	25	45	51	54
G213-06-032-075	32	75	50	25	45	51	54
G213-06-038-080	38	80	50	30	54	60	63
G213-06-040-080	40	80	50	30	54	60	63
G213-06-048-085	48	85	50	35	65	73	75
G213-06-050-085	50	85	50	35	65	73	75
G213-06-063-100	63	100	52	48	81	90	93
G213-06-080-100	80	100	52	48	100	110	115

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 50, **l=** 85

Sipariş Kodu / Order Code / Código de Pedido:
G213-06-050-085



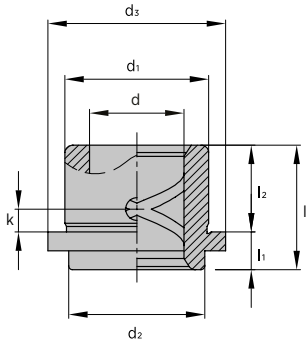
Hammadde / Material :
Hardened Steel

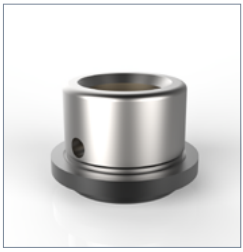


KOD / CODE / CÓDIGO	d	l	l_1	l_2	d_1	d_2	d_3
G213-07-018-034	18	34	16	18	28	28	32
G213-07-019-034	19	34	16	18	28	28	32
G213-07-024-044	24	44	21	23	38	44	47
G213-07-025-044	25	44	21	23	38	44	47
G213-07-030-046	30	46	21	25	45	51	54
G213-07-032-046	32	46	21	25	45	51	54
G213-07-038-051	38	51	21	30	54	60	63
G213-07-040-051	40	51	21	30	54	60	63
G213-07-048-060	48	60	25	35	65	73	75
G213-07-050-060	50	60	25	35	65	73	75
G213-07-063-075	63	75	27	48	81	90	93
G213-07-080-075	80	75	27	48	100	110	115

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 50, **l=** 60

Sipariş Kodu / Order Code / Código de Pedido:
G213-07-050-060





Hammadde / Material :
Hardened Steel

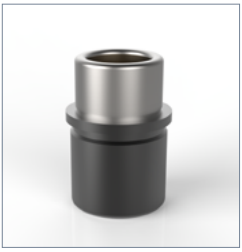
KOD / CODE / CÓDIGO	d	l	l_1	l_2	d_1	d_2	d_3	k
G213-08-018-028	18	28	10	18	28	28	32	6
G213-08-019-028	19	28	10	18	28	28	32	6
G213-08-024-033	24	33	10	23	38	36	47	6
G213-08-025-033	25	33	10	23	38	36	47	6
G213-08-030-040	30	40	10	30	45	43	54	10
G213-08-032-040	32	40	10	30	45	43	54	10
G213-08-038-052	38	52	14	38	54	48	63	10
G213-08-040-052	40	52	14	38	54	48	63	10
G213-08-048-062	48	62	14	48	65	64	75	20
G213-08-050-062	50	62	14	48	65	64	75	20
G213-08-063-075	63	75	14	61	81	79	93	20
G213-08-080-092	80	92	14	78	100	99	115	32

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 25, **l=** 33

Sipariş Kodu / Order Code / Código de Pedido:
G213-08-025-033

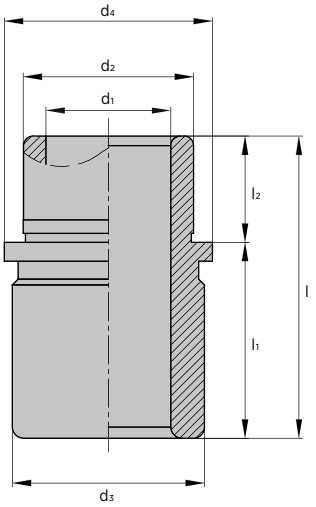
G215-03

Sökülebilir Bilyalı Yatak Burcu
Demountable Ball Bearing Bushings
Casquillos de Rodamiento de Bolas Desmontables



Hammadde / Material :
Hardened Steel

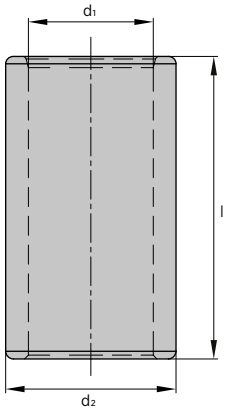
d*= Post Diameter



KOD / CODE / CÓDIGO	d*	l	l_1	l_2	d_1	d_2	d_3	d_4
G215-03-025-065	25	65	35	30	33	45	50.8	55
G215-03-025-080	25	80	50	30	33	45	50.8	55
G215-03-025-095	25	95	65	30	33	45	50.8	55
G215-03-032-080	32	80	50	30	40	54	55.88	64
G215-03-032-095	32	95	65	30	40	54	55.88	64
G215-03-032-110	32	110	80	30	40	54	55.88	64
G215-03-040-080	40	80	50	30	48	65	73.03	77
G215-03-040-095	40	95	65	30	48	65	73.03	77
G215-03-040-110	40	110	80	30	48	65	73.03	77
G215-03-040-130	40	130	100	30	48	65	73.03	77
G215-03-050-110	50	110	60	50	62	81	85.73	95
G215-03-050-130	50	130	80	50	62	81	85.73	95
G215-03-050-150	50	150	100	50	62	81	85.73	95
G215-03-050-170	50	170	120	50	62	81	85.73	95
G215-03-063-150	63	150	100	50	75	95	103.99	109
G215-03-063-170	63	170	120	50	75	95	103.99	109
G215-03-063-190	63	190	140	50	75	95	103.99	109
G215-03-080-161	80	161	100	61	92	108	114.30	125
G215-03-080-178	80	178	117	61	92	108	114.30	125
G215-03-080-201	80	201	140	61	92	108	114.30	125

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 25, **l=** 95

Sipariş Kodu / Order Code / Código de Pedido:
G215-03-025-095





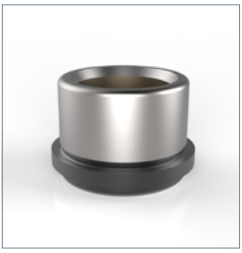
Hammadde / Material :
Hardened Steel

d*= Post Diameter

KOD / CODE / CÓDIGO	d*	l	d_1	d_2
G215-04-025-065	25	65	33	45
G215-04-025-080	25	80	33	45
G215-04-025-095	25	95	33	45
G215-04-025-110	25	110	33	45
G215-04-025-130	25	130	33	45
G215-04-032-080	32	80	40	54
G215-04-032-095	32	95	40	54
G215-04-032-110	32	110	40	54
G215-04-032-130	32	130	40	54
G215-04-032-150	32	150	40	54
G215-04-032-170	32	170	40	54
G215-04-040-080	40	80	48	65
G215-04-040-095	40	95	48	65
G215-04-040-110	40	110	48	65
G215-04-040-130	40	130	48	65
G215-04-040-150	40	150	48	65
G215-04-040-170	40	170	48	65
G215-04-040-190	40	190	48	65
G215-04-040-215	40	215	48	65
G215-04-050-110	50	110	62	81
G215-04-050-130	50	130	62	81
G215-04-050-150	50	150	62	81
G215-04-050-170	50	170	62	81
G215-04-050-190	50	190	62	81
G215-04-050-215	50	215	62	81
G215-04-050-240	50	240	62	81
G215-04-050-265	50	265	62	81
G215-04-063-150	63	150	75	95
G215-04-063-170	63	170	75	95
G215-04-063-190	63	190	75	95
G215-04-063-215	63	215	75	95
G215-04-063-240	63	240	75	95
G215-04-063-265	63	265	75	95
G215-04-080-150	80	150	92	112
G215-04-080-170	80	170	92	112
G215-04-080-190	80	190	92	112
G215-04-080-215	80	215	92	112
G215-04-080-240	80	240	92	112
G215-04-080-265	80	265	92	112

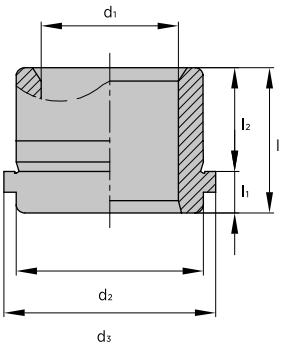
Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 80, **l=** 190

Sipariş Kodu / Order Code / Código de Pedido:
G215-04-080-190



Hammadde / Material :
Hardened Steel

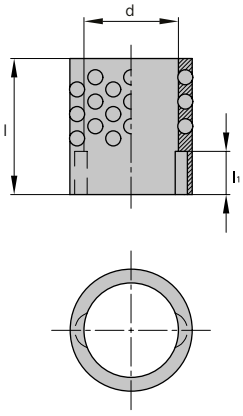
d*= Post Diameter



KOD / CODE / CÓDIGO	d*	l	l_1	l_2	d_1	d_2	d_3
G215-05-025-030	25	30	20	10	33	45	51
G215-05-025-035	25	35	25	10	33	45	51
G215-05-032-030	32	30	20	10	40	54	60
G215-05-032-035	32	35	25	10	40	54	60
G215-05-032-042	32	42	32	10	40	54	60
G215-05-040-039	40	39	29	10	48	65	75
G215-05-040-046	40	46	36	10	48	65	75
G215-05-040-054	40	54	44	10	48	65	75
G215-05-050-046	50	46	36	10	62	81	91
G215-05-050-054	50	54	44	10	62	81	91

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 40, **l=** 39

Sipariş Kodu / Order Code / Código de Pedido:
G215-05-040-039





Hammadde / Material :
Hardened Steel
Aluminum Alloy

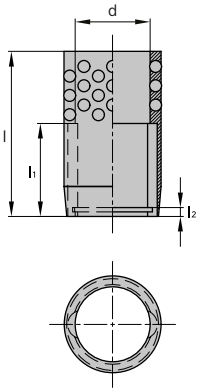
KOD / CODE / CÓDIGO	d	l	l_1
G216-02-025-036	25	36	11.5
G216-02-025-048	25	48	17.5
G216-02-032-036	32	36	11.5
G216-02-032-048	32	48	17.5
G216-02-040-048	40	48	17.5
G216-02-040-060	40	60	23.5
G216-02-050-070	50	70	28.5
G216-02-050-084	50	84	35.5
G216-02-063-098	63	98	42.4
G216-02-080-098	80	98	42.5

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 40, **l=** 60

Sipariş Kodu / Order Code / Código de Pedido:
G216-02-040-060



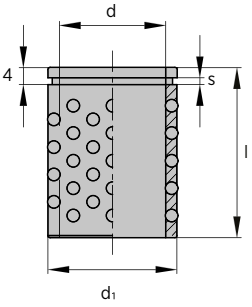
Hammadde / Material :
Hardened Steel
Aluminum Alloy



KOD / CODE / CÓDIGO	d	l	l_1	l_2
G216-03-025-055	25	55	31	4.2
G216-03-025-070	25	70	40	4.2
G216-03-025-090	25	90	47	4.2
G216-03-025-100	25	100	55	4.2
G216-03-025-110	25	110	65	4.2
G216-03-032-070	32	70	40	4.2
G216-03-032-090	32	90	47	4.2
G216-03-032-105	32	105	55	4.2
G216-03-032-115	32	115	65	4.2
G216-03-032-125	32	125	75	4.2
G216-03-032-135	32	135	85	4.2
G216-03-040-070	40	70	40	5.8
G216-03-040-085	40	85	48	5.8
G216-03-040-105	40	105	56	5.8
G216-03-040-115	40	115	66	5.8
G216-03-040-125	40	125	76	5.8
G216-03-040-135	40	135	86	5.8
G216-03-040-145	40	145	96	5.8
G216-03-040-155	40	155	107	5.8
G216-03-050-105	50	105	56	7.0
G216-03-050-120	50	120	65	7.0
G216-03-050-140	50	140	76	7.0
G216-03-050-150	50	150	86	7.0
G216-03-050-160	50	160	96	7.0
G216-03-050-170	50	170	108	7.0
G216-03-050-185	50	185	121	7.0
G216-03-050-195	50	195	133	7.0
G216-03-063-145	63	145	76	7.0
G216-03-063-165	63	165	86	7.0
G216-03-063-180	63	180	96	7.0
G216-03-063-190	63	190	107	7.0
G216-03-063-205	63	205	121	7.0
G216-03-063-215	63	215	132	7.0
G216-03-080-145	80	145	76	8.5
G216-03-080-165	80	165	86	8.5
G216-03-080-180	80	180	96	8.5
G216-03-080-190	80	190	107	8.5
G216-03-080-205	80	205	121	8.5
G216-03-080-215	80	215	132	8.5

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 40, **l=** 145

Sipariş Kodu / Order Code / Código de Pedido:
G216-03-040-145





Hammadde / Material :
Hardened Steel

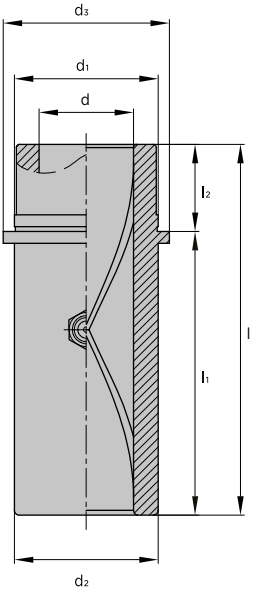
KOD / CODE / CÓDIGO	d	l	d_1	s
G216-04-025-040	25	40	30.3	1.6
G216-04-025-052	25	52	30.3	1.6
G216-04-032-040	32	40	36	1.9
G216-04-032-052	32	52	36	1.9
G216-04-040-052	40	52	45.5	1.9
G216-04-040-064	40	64	45.5	1.9
G216-04-050-074	50	74	57	2.2
G216-04-050-088	50	88	57	2.2

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 40, **l=** 64

Sipariş Kodu / Order Code / Código de Pedido:
G216-04-040-064



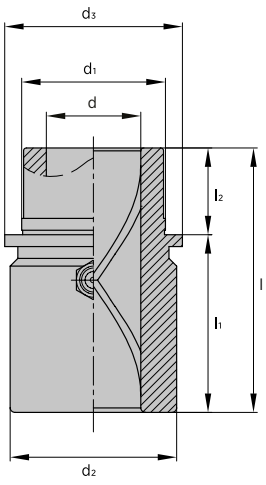
Hammadde / Material :
Hardened Steel
Bronze-Plated



KOD / CODE / CÓDIGO	d	l	l_1	l_2	d_1	d_2	d_3
G217-03-024-098	24	98	75	23	38	44	47
G217-03-025-098	25	98	75	23	38	44	47
G217-03-030-100	30	100	75	25	45	51	54
G217-03-032-100	32	100	75	25	45	51	54
G217-03-038-115	38	115	85	30	54	60	63
G217-03-040-115	40	115	85	30	54	60	63
G217-03-048-135	48	135	100	35	65	75	75
G217-03-050-135	50	135	100	35	65	75	75

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 40, **l=** 115

Sipariş Kodu / Order Code / Código de Pedido:
G217-03-040-115



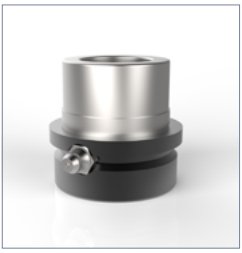


Hammadde / Material :
Hardened Steel
Bronze-Plated

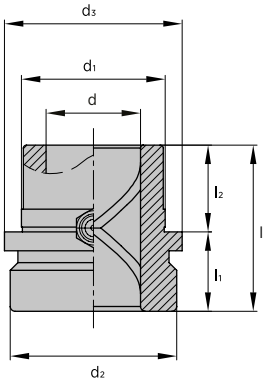
KOD / CODE / CÓDIGO	d	l	l_1	l_2	d_1	d_2	d_3
G217-04-018-050	18	50	32	18	28	28	32
G217-04-019-050	19	50	32	18	28	28	32
G217-04-024-070	24	70	47	23	38	44	47
G217-04-025-070	25	70	47	23	38	44	47
G217-04-030-075	30	75	50	25	45	51	54
G217-04-032-075	32	75	50	25	45	51	54
G217-04-038-080	38	80	50	30	54	60	63
G217-04-040-080	40	80	50	30	54	60	63
G217-04-048-085	48	85	50	35	65	73	75
G217-04-050-085	50	85	50	35	65	73	75
G217-04-063-100	63	100	52	48	81	90	93
G217-04-080-100	80	100	52	48	100	110	115

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 40, **l=** 80

Sipariş Kodu / Order Code / Código de Pedido:
G217-04-040-080



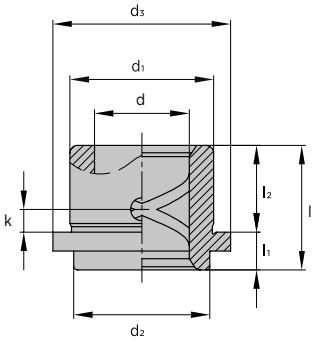
Hammadde / Material :
Hardened Steel
Bronze-Plated

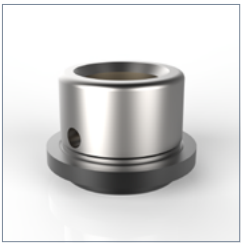


KOD / CODE / CÓDIGO	d	l	l_1	l_2	d_1	d_2	d_3
G217-05-018-034	18	34	16	18	28	28	32
G217-05-019-034	19	34	16	18	28	28	32
G217-05-024-044	24	44	21	23	38	44	47
G217-05-025-044	25	44	21	23	38	44	47
G217-05-030-046	30	46	21	25	45	51	54
G217-05-032-046	32	46	21	25	45	51	54
G217-05-038-051	38	51	21	30	54	60	63
G217-05-040-051	40	51	21	30	54	60	63
G217-05-048-060	48	60	25	35	65	73	75
G217-05-050-060	50	60	25	35	65	73	75
G217-05-063-075	63	75	27	48	81	90	93
G217-05-080-075	80	75	27	48	100	110	115

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 40, **l=** 51

Sipariş Kodu / Order Code / Código de Pedido:
G217-05-040-051





Hammadde / Material :
Hardened Steel
Bronze-Plated

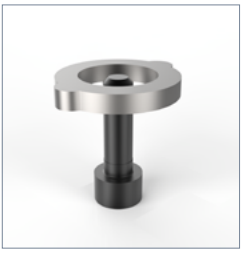
KOD / CODE / CÓDIGO	d	l	l_1	l_2	d_1	d_2	d_3	k
G217-06-018-028	18	28	10	18	28	28	32	6
G217-06-019-028	19	28	10	18	28	28	32	6
G217-06-024-033	24	33	10	23	38	36	47	6
G217-06-025-033	25	33	10	23	38	36	47	6
G217-06-030-040	30	40	10	30	45	43	54	10
G217-06-032-040	32	40	10	30	45	43	54	10
G217-06-038-052	38	52	14	38	54	48	63	10
G217-06-040-052	40	52	14	38	54	48	63	10
G217-06-048-062	48	62	14	48	65	64	75	20
G217-06-050-062	50	62	14	48	65	64	75	20
G217-06-063-075	63	75	14	61	81	79	93	20
G217-06-080-092	80	92	14	78	100	99	115	32

Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 40, **l=** 52

Sipariş Kodu / Order Code / Código de Pedido:
G217-06-040-052

A101-17

Bilyalı Burç Pul Grubu Tip I
Ball Cage Washer Assembly Type I
Conjunto de Arandela Para Jaula de Bolas

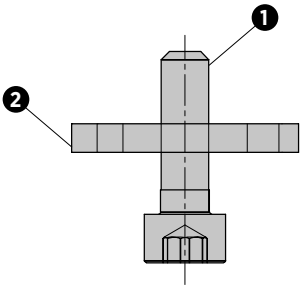


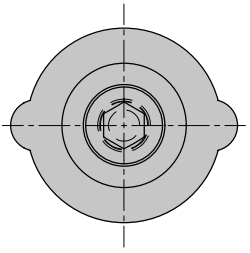
Hammadde / Material :

1 DIN 933

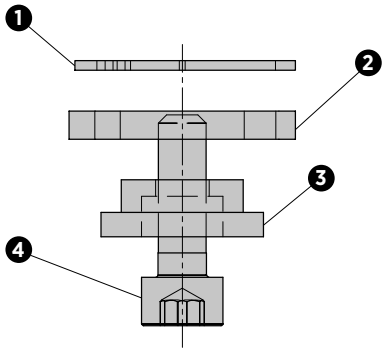
2 Steel

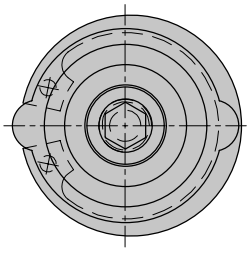
d*= Post Diameter





SET KODU / SET CODE / CÓDIGO del CONJUNTO	d*	Part 1	Part 2
A101-17-025	25	C-M6X20-DIN933	A101-17-0251
A101-17-032	32	C-M6X20-DIN933	A101-17-0321
A101-17-040	40	C-M10X25-DIN933	A101-17-0401
A101-17-050	50	C-M10X25-DIN933	A101-17-0501
A101-17-063	63	C-M10X25-DIN933	A101-17-0631
A101-17-080	80	C-M10X25-DIN933	A101-17-0801







Hammadde / Material :

1 DIN 472

2 Steel

3 Steel

4 DIN 933

d*= Post Diameter

SET KODU / SET CODE / CÓDIGO del CONJUNTO	d*	Part 1	Part 2	Part 3	Part 4
A101-18-025	25	A101-18-0252	A101-18-0251	A101-18-1	C-M6X20-DIN933
A101-18-032	32	A101-18-0322	A101-18-0321	A101-18-1	C-M6X20-DIN933
A101-18-040	40	A101-18-0402	A101-18-0401	A101-18-2	C-M10X25-DIN933
A101-18-050	50	A101-18-0502	A101-18-0501	A101-18-2	C-M10X25-DIN933
A101-18-063	63	A101-18-0632	A101-18-0631	A101-18-2	C-M10X25-DIN933
A101-18-080	80	A101-18-0802	A101-18-0801	A101-18-2	C-M10X25-DIN933

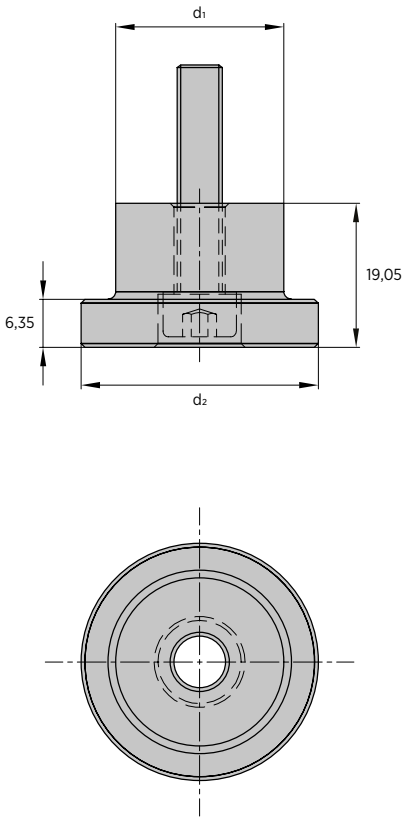
A101-21

Kafes Durdurucu Uç Kapağı
Cage Stopper End Cap
Tapa Final de Tope de la Jaula



Hammadde / Material :
Hardened Steel

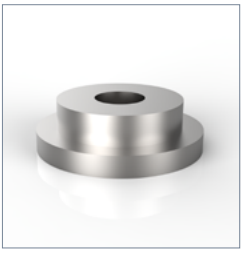
d*= Post Diameter



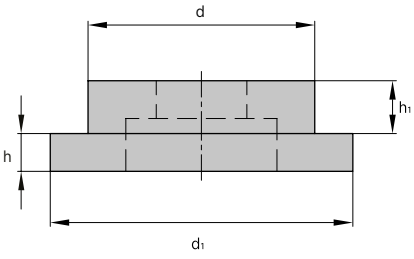
KOD / CODE / CÓDIGO	d*	d_1	d_2	M
A101-21-025	25	22.23	31.75	M6
A101-21-032	32	28.58	38.10	M6
A101-21-040	40	34.93	44.45	M10
A101-21-050	50	47.63	60.33	M10
A101-21-063	63	60.33	73.03	M10
A101-21-080	80	73.03	85.73	M10

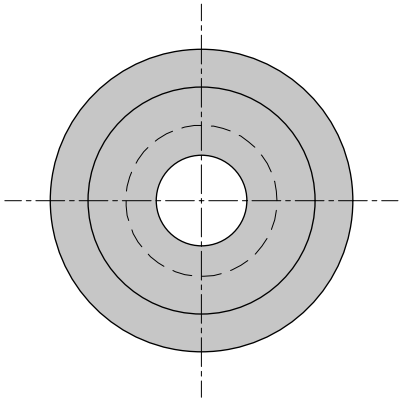
Sipariş Örneği / Order Example / Ejemplo de Pedido:
d= 80

Sipariş Kodu / Order Code / Código de Pedido:
A101-21-080



Hammadde / Material :
Hardened Steel



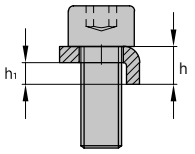


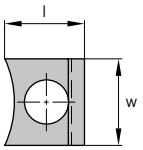
KOD / CODE / CÓDIGO	d	d_1	h	h_1
A101-22-001	18	25	3.30	4.00
A101-22-002	24	32	5.00	4.20
A101-22-003	30	40	5.00	7.00
A101-22-004	38	50	5.00	10.00
A101-22-005	48	63	5.00	13.00
A101-22-006	63	76	5.00	19.00
A101-22-007	80	93	5.00	25.00



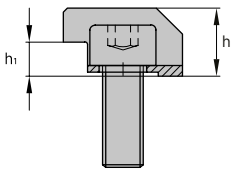
Hammadde / Material :
Hardened Steel

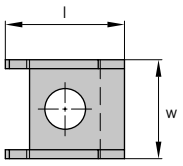
Form A



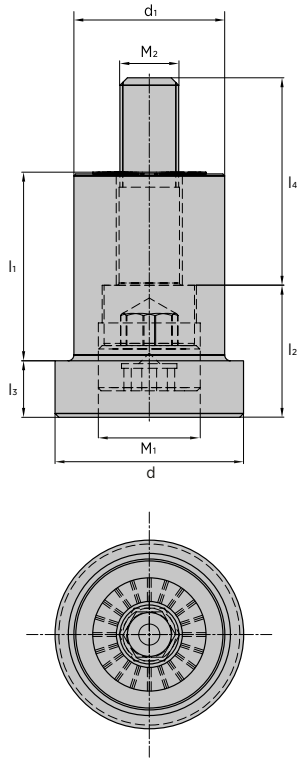


Form B





KOD / CODE / CÓDIGO	Form	w	l	h	h1	Screw
A101-23-001	A	15.90	14.30	8.70	4.90	M6
A101-23-002	A	15.90	19.80	9.50	4.90	M8
A101-23-003	A	15.90	19.60	10.90	6.30	M8
A101-23-004	A	12.70	12.30	5.60	3.20	M6
A101-23-005	B	14.50	17.50	10.00	5.00	M6
A101-23-006	B	18.90	24.60	13.00	7.90	M8
A101-23-007	B	18.90	24.60	13.00	6.00	M8
A101-23-008	B	23.50	27.90	15.50	6.00	M10

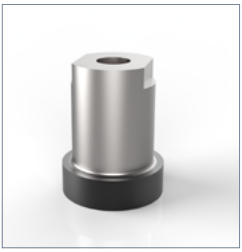




Hammadde / Material :
AISI 1144 Steel

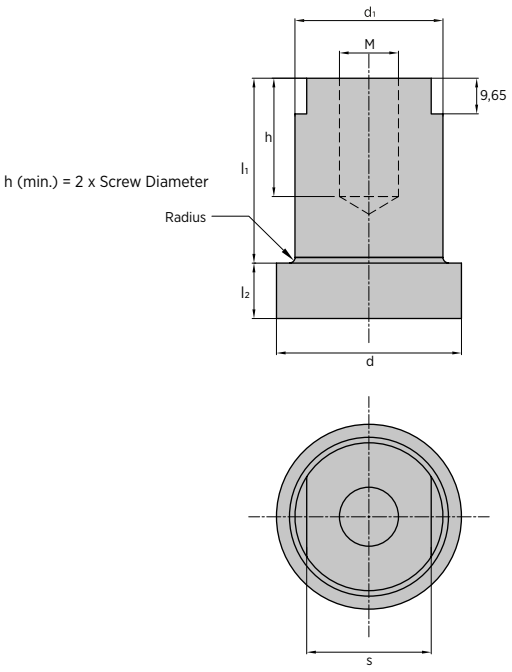
Hardened
HRC 28 ÷ 34

KOD / CODE / CÓDIGO	d	d_1	l_1	l_2	l_3	l_4	Max.Load (kN)	M_1	M_2
A104-01-050-030	50	40	30	35	15	40	192	M27x2	M16x2
A104-01-050-040	50	40	40	35	15	45	192	M27x2	M16x2
A104-01-050-045	50	40	45	35	15	50	192	M27x2	M16x2
A104-01-050-050	50	40	50	35	15	55	192	M27x2	M16x2
A104-01-050-060	50	40	60	35	15	65	192	M27x2	M16x2
A104-01-050-065	50	40	65	35	15	70	192	M27x2	M16x2
A104-01-050-070	50	40	70	35	15	75	192	M27x2	M16x2
A104-01-050-075	50	40	75	35	15	75	192	M27x2	M16x2
A104-01-050-090	50	40	90	35	15	100	192	M27x2	M16x2
A104-01-050-100	50	40	100	35	15	110	192	M27x2	M16x2
A104-01-050-115	50	40	115	35	15	120	192	M27x2	M16x2
A104-01-050-130	50	40	130	35	15	140	192	M27x2	M16x2
A104-01-050-140	50	40	140	35	15	150	192	M27x2	M16x2
A104-01-050-160	50	40	160	35	15	170	192	M27x2	M16x2
A104-01-070-040	70	60	40	40	15	45	299	M36x3	M20x2.5
A104-01-070-045	70	60	45	40	15	50	299	M36x3	M20x2.5
A104-01-070-050	70	60	50	40	15	55	299	M36x3	M20x2.5
A104-01-070-060	70	60	60	40	15	65	299	M36x3	M20x2.5
A104-01-070-065	70	60	65	40	15	70	299	M36x3	M20x2.5
A104-01-070-070	70	60	70	40	15	75	299	M36x3	M20x2.5
A104-01-070-075	70	60	75	40	15	75	299	M36x3	M20x2.5
A104-01-070-090	70	60	90	40	15	100	299	M36x3	M20x2.5
A104-01-070-100	70	60	100	40	15	110	299	M36x3	M20x2.5
A104-01-070-115	70	60	115	40	15	120	299	M36x3	M20x2.5
A104-01-070-130	70	60	130	40	15	140	299	M36x3	M20x2.5
A104-01-070-140	70	60	140	40	15	150	299	M36x3	M20x2.5
A104-01-070-160	70	60	160	40	15	170	299	M36x3	M20x2.5



Hammadde / Material :
AISI 1144 Steel

Hardened
HRC 28 ÷ 34



KOD / CODE / CÓDIGO	d	d_1	l_1	l_2	s	M	Max. Load (kN)
A104-02-050-030	50	40	30	15	33.65	M16 x 2.0	192
A104-02-050-040	50	40	40	15	33.65	M16 x 2.0	192
A104-02-050-045	50	40	45	15	33.65	M16 x 2.0	192
A104-02-050-050	50	40	50	15	33.65	M16 x 2.0	192
A104-02-050-060	50	40	60	15	33.65	M16 x 2.0	192
A104-02-050-065	50	40	65	15	33.65	M16 x 2.0	192
A104-02-050-070	50	40	70	15	33.65	M16 x 2.0	192
A104-02-050-075	50	40	75	15	33.65	M16 x 2.0	192
A104-02-050-090	50	40	90	15	33.65	M16 x 2.0	192
A104-02-050-100	50	40	100	15	33.65	M16 x 2.0	192
A104-02-050-115	50	40	115	15	33.65	M16 x 2.0	192
A104-02-050-130	50	40	130	15	33.65	M16 x 2.0	192
A104-02-050-140	50	40	140	15	33.65	M16 x 2.0	192
A104-02-050-160	50	40	160	15	33.65	M16 x 2.0	192
A104-02-070-040	70	60	40	15	53.70	M20 x 2.5	299
A104-02-070-045	70	60	45	15	53.70	M20 x 2.5	299
A104-02-070-050	70	60	50	15	53.70	M20 x 2.5	299
A104-02-070-060	70	60	60	15	53.70	M20 x 2.5	299
A104-02-070-065	70	60	65	15	53.70	M20 x 2.5	299
A104-02-070-070	70	60	70	15	53.70	M20 x 2.5	299
A104-02-070-075	70	60	75	15	53.70	M20 x 2.5	299
A104-02-070-090	70	60	90	15	53.70	M20 x 2.5	299
A104-02-070-100	70	60	100	15	53.70	M20 x 2.5	299
A104-02-070-115	70	60	115	15	53.70	M20 x 2.5	299
A104-02-070-130	70	60	130	15	53.70	M20 x 2.5	299
A104-02-070-140	70	60	140	15	53.70	M20 x 2.5	299
A104-02-070-160	70	60	160	15	53.70	M20 x 2.5	299

NOTLAR / NOTES / NOTAS

NOTLAR / NOTES / NOTAS