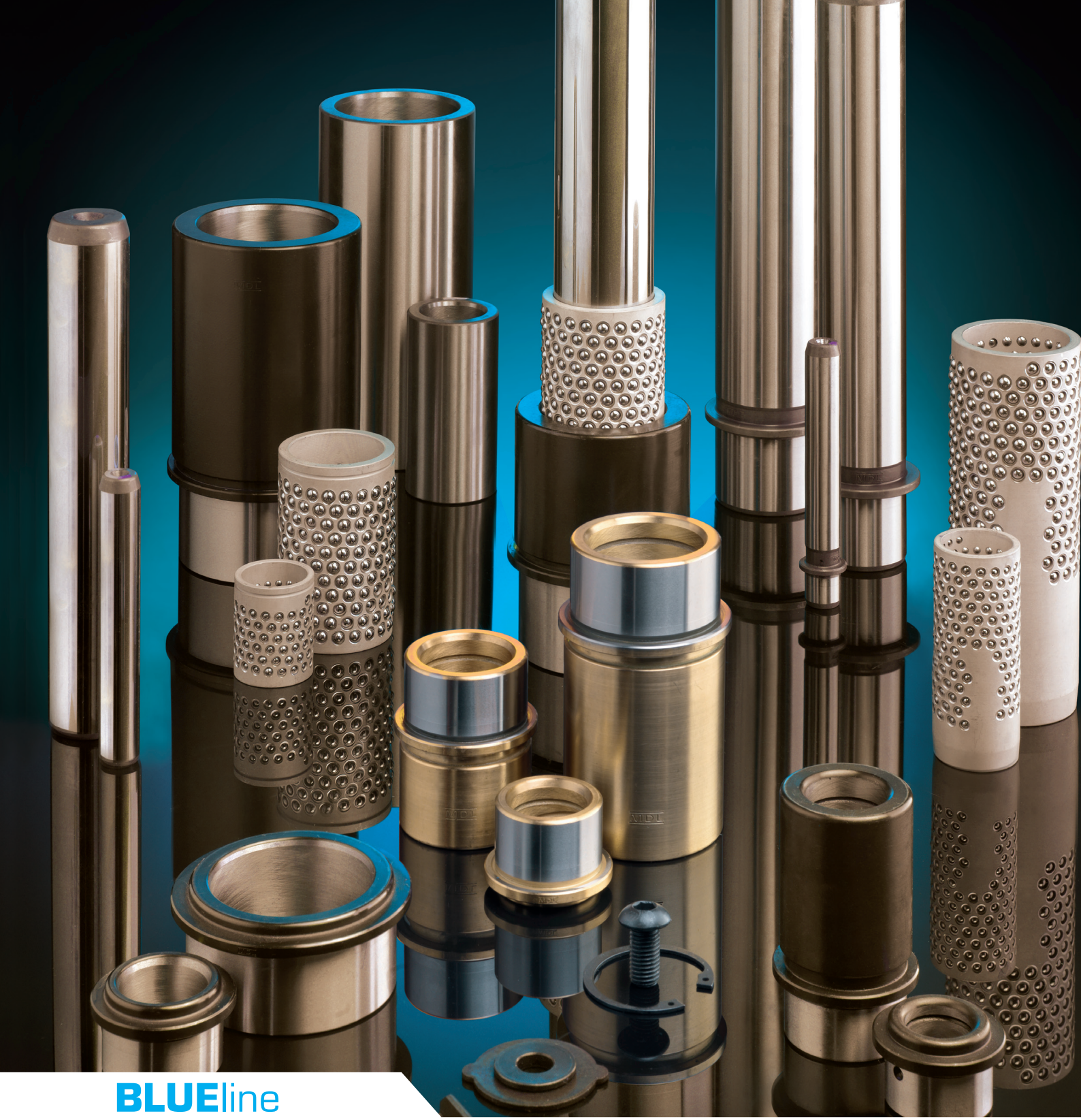

BLUEline

AMDL
Atelier Mécanique De La Lauch

MARCH 2023

Atelier Mécanique De La Lauch

BLUEline
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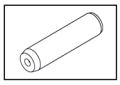
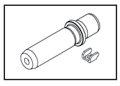
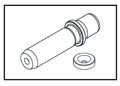
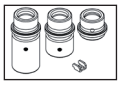
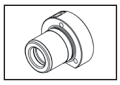
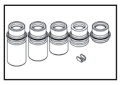
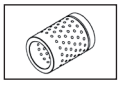
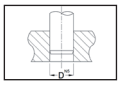
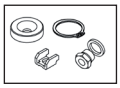
- Straight column DP10 .....  5
- Demountable column with clip fastening DP21 .....  6
- Demountable column with central fastening DP22 .....  7
- Steel / bronze-plated demountable bushing DB11 DB21 .....  8 - 9
- Demountable flanged bushing DB31 .....  10
- Bushing with steel ball bearings DB41 .....  12 - 13
- Ball cage DC13 .....  14
- Installation instructions .....  16 - 17
- Accessories .....  18

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BLUEline
COMPATIBILITY TO DIN STANADRD AND

Both our standard MDL guiding components
and the DIN-compatible MDL Blue Line products
are equipped with our Easyfit system.

DIN COMPATIBILITY

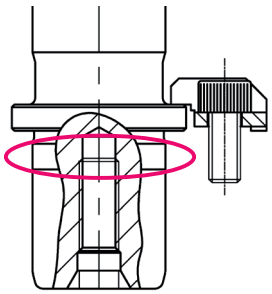
All components in the Blue Line range are compatible and interchangeable with guiding elements complying with the DIN Standard.

See Equivalence Table below:

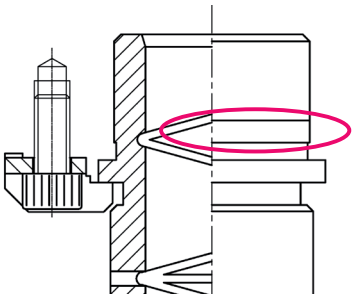
MDL Blue Line part	DIN compatibility
Straight column DP10	DIN 9825
Demountable column DP21 / DP 22	DIN 9825
Demountable bushing DB11 / DB21	DIN 9831
Demountable flanged bushing DB31	DIN 9831
Ball bearing guide bushing DB41	DIN 9831
Ball cage DC13	DIN 5401

EASYFIT SYSTEM

for columns



for bushings



The EasyFit system allows easier assembly and dissassembly of columns and/or bushings while ensuring parts are perfectly perpendicular to the plate surface.

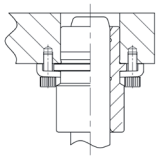
Tightening is achieved using a shoulder over a height of 5mm under the flange. Positioning is then ensured by the perpendicularity of the adjusted flange.

Our Easyfit design has been successfully used for more than 30 years by our clients worldwide over our whole MDL product protfolio. It is now compliant with DIN Standard and allows part interchangeability.

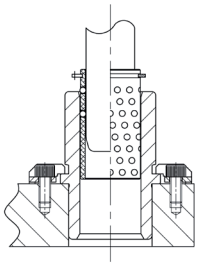
DIN 9825 compatible

Example
Column D1=30 - L=160
Please indicate :
DP10.030.160

For use with

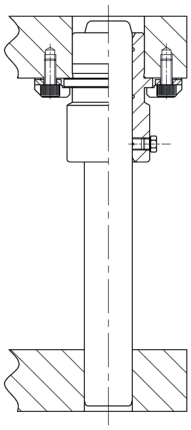


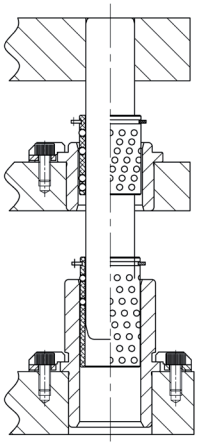
Steel bushing
Bronze-plated bushing

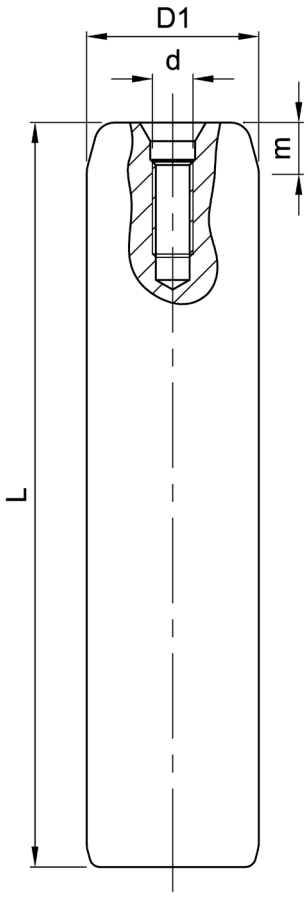


Demountable bushing
Ball cage

Examples







Tempered case-hardened steel columns with a hardness of 60-64HRC, with Easyfit system.

D_1 h4	19	20	24	25	30	32	40	50	63	80
d	M8		M8		M8		M8	M8	M8	M8
m	4		6		6		6	8	8	8
L	REFERENCE									
100	DP10.019.100	DP10.020.100	DP10.024.100	DP10.025.100						
112	DP10.019.112	DP10.020.112	DP10.024.112	DP10.025.112						
125	DP10.019.125	DP10.020.125	DP10.024.125	DP10.025.125	DP10.030.125	DP10.032.125				
140	DP10.019.140	DP10.020.140	DP10.024.140	DP10.025.140	DP10.030.140	DP10.032.140				
160	DP10.019.160	DP10.020.160	DP10.024.160	DP10.025.160	DP10.030.160	DP10.032.160	DP10.040.160			
180	DP10.019.180	DP10.020.180	DP10.024.180	DP10.025.180	DP10.030.180	DP10.032.180	DP10.040.180	DP10.050.180		
200	DP10.019.200	DP10.020.200	DP10.024.200	DP10.025.200	DP10.030.200	DP10.032.200	DP10.040.200	DP10.050.200		
224	DP10.019.224	DP10.020.224	DP10.024.224	DP10.025.224	DP10.030.224	DP10.032.224	DP10.040.224	DP10.050.224		
250			DP10.024.250	DP10.025.250	DP10.030.250	DP10.032.250	DP10.040.250	DP10.050.250	DP10.063.250	
280			DP10.024.280	DP10.025.280	DP10.030.280	DP10.032.280	DP10.040.280	DP10.050.280	DP10.063.280	DP10.080.280
315					DP10.030.315	DP10.032.315	DP10.040.315	DP10.050.315	DP10.063.315	DP10.080.315
355							DP10.040.355	DP10.050.355	DP10.063.355	DP10.080.355
400							DP10.040.400	DP10.050.400	DP10.063.400	DP10.080.400
450								DP10.050.450	DP10.063.450	DP10.080.450
500								DP10.050.500	DP10.063.500	DP10.080.500

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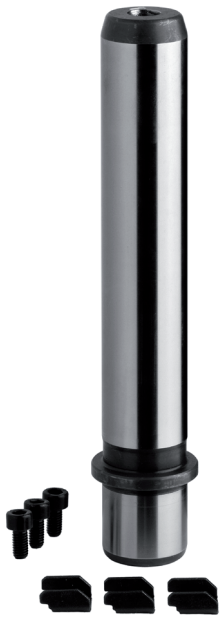
Atelier Mécanique De La Lauch

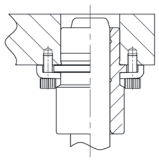
BLUEline
DEMOUNTABLE COLUMN
with clip fastening

DP21

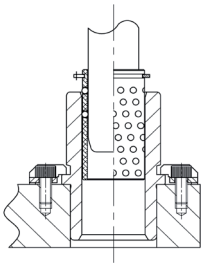


DIN 9825 compatible

For use with

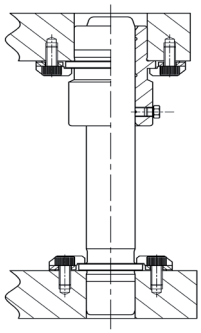


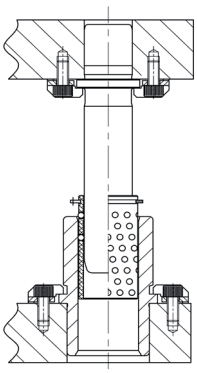
Steel bushing
Bronze-plated bushing

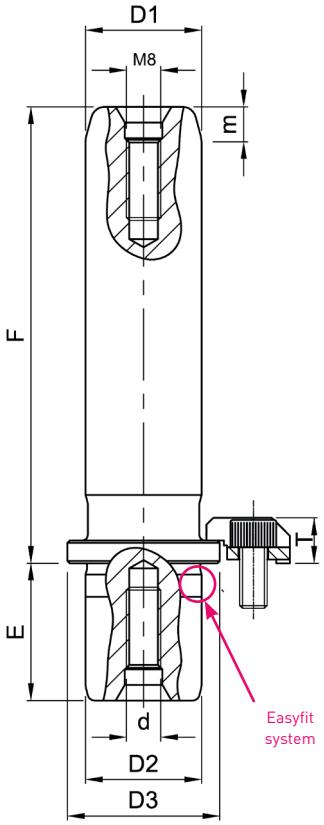


Demountable bushing
Ball cage

Examples

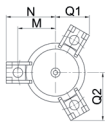




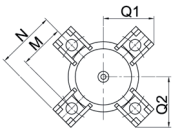


Example
Column D1=30 - F=160
Please state:
DP21.030.160

From Ø 19 to 32



From Ø 40 to 80



Tempered case-hardened steel columns with a hardness of 60-64HRC, with Easyfit system.
Come with fastening clamp and screws. Quote D1h^3 is available uppon request.

D_1 h^4 =D_2 j_6	19	20	24	25	30	32	40	50	63	80
D_3	25		32		40		50	63	76	95
E	20		25		32		40	45	50	60
d	M8		M8		M8		M8	M8	M8	M12
m	6		8		8		8	8	8	8
Qty. clamp	3		3		3		4	4	4	4
Ref. clamp	B02.006.100									
Screw	A05.006.012									
M	18		21,5		25,5		30,5	37	45,5	53
N	25,9		29,4		33,4		38,4	44,9	53,4	60,9
Q1	19.2		21		23		32,3	36,9	43,4	48,2
Q2	26,1		29,1		32,6		32,3	36,9	43,4	48,2
T	10									
F	REFERENCES									
100	DP21.019.100	DP21.020.100	DP21.024.100	DP21.025.100						
112	DP21.019.112	DP21.020.112	DP21.024.112	DP21.025112	DP21.030.112	DP21.032.112				
125	DP21.019.125	DP21.020.125	DP21.024.125	DP21.025.125	DP21.030.125	DP21.032.125	DP21.040.125			
140	DP21.019.140	DP21.020.140	DP21.024.140	DP21.025.140	DP21.030.140	DP21.032.140	DP21.040.140	DP21.050.140		
160	DP21.019.160	DP21.020.160	DP21.024.160	DP21.025.160	DP21.030.160	DP21.032.160	DP21.040.160	DP21.050.160	DP21.063.160	
180	DP21.019.180	DP21.020.180	DP21.024.180	DP21.025.180	DP21.030.180	DP21.032.180	DP21.040.180	DP21.050.180	DP21.063.180	
200	DP21.019.200	DP21.020.200	DP21.024.200	DP21.025.200	DP21.030.200	DP21.032.200	DP21.040.200	DP21.050.200	DP21.063.200	DP21.080.200
224			DP21.024.224	DP21.025.224	DP21.030.224	DP21.032.224	DP21.040.224	DP21.050.224	DP21.063.224	DP21.080.224
250			DP21.024.250	DP21.025.250	DP21.030.250	DP21.032.250	DP21.040.250	DP21.050.250	DP21.063.250	DP21.080.250
280					DP21.030.280	DP21.032.280	DP21.040.280	DP21.050.280	DP21.063.280	DP21.080.280
315							DP21.040.315	DP21.050.315	DP21.063.315	DP21.080.315
355								DP21.050.355	DP21.063.355	DP21.080.355
400										DP21.080.400

Atelier Mécanique De La Lauch

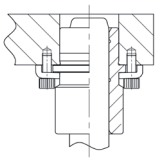
BLUEline
DEMOUNTABLE COLUMN
with central fastening

DP22

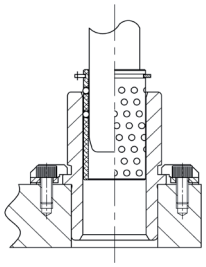
DIN 9825 compatible

Example
Column D1=30 - F=160
Please state:
DP22.030.160

For use with

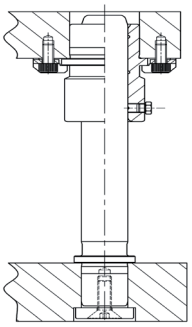


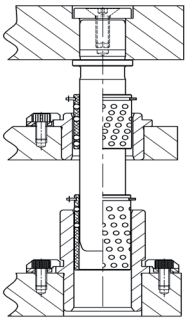
Steel bushing
Bronze-plated bushing

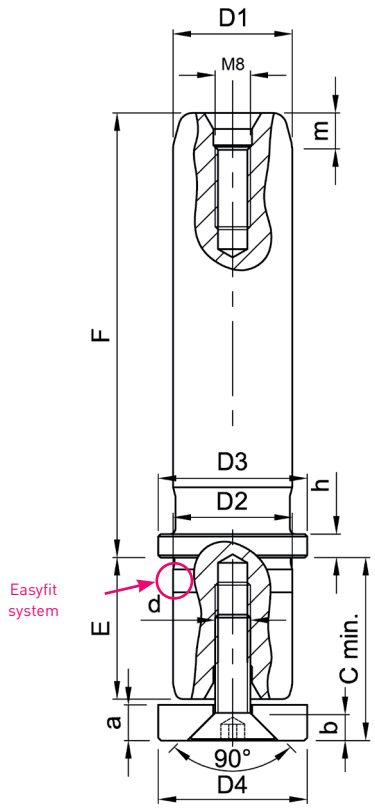


Demountable bushing
Ball cage

Example







Warning: observe minimum plate thickness Cmin

Tempered case-hardened steel columns with a hardness of 60-64HRC, with Easyfit system
Come with washer and screw. Quote D1h^3 is available uppon request.

D_1 h^4 =D_2 j^6	19	20	24	25	30	32	40	50	63	80
D_3	25		32		40		50	63	80	93
D_4	25		32		40		50	60	70	93
E	20		25		32		40	45	50	60
d	M8		M8		M8		M8	M8	M8	M12
m	6		8		8		8	8	8	8
a	6		6		6		6	6	6	12
b	4,3		4,3		4,3		4,3	4,3	4,3	6,3
Cmin	26		31		38		46	51	56	72
Washer	P02.020.100		P02.025.100		P02.032.100		P02.040.100	P02.050.100	P02.063.100	P02.080.100
Vis	A09.008.020									A09.012.025
h	6									
F	REFERENCES									
100	DP22.019.100	DP22.020.100	DP22.024.100	DP22.025.100						
112	DP22.019.112	DP22.020.112	DP22.024.112	DP22.025112	DP22.030.112	DP22.032.112				
125	DP22.019.125	DP22.020.125	DP22.024.125	DP22.025.125	DP22.030.125	DP22.032.125	DP22.040.125			
140	DP22.019.140	DP22.020.140	DP22.024.140	DP22.025.140	DP22.030.140	DP22.032.140	DP22.040.140	DP22.050.140		
160	DP22.019.160	DP22.020.160	DP22.024.160	DP22.025.160	DP22.030.160	DP22.032.160	DP22.040.160	DP22.050.160	DP22.063.160	
180	DP22.019.180	DP22.020.180	DP22.024.180	DP22.025.180	DP22.030.180	DP22.032.180	DP22.040.180	DP22.050.180	DP22.063.180	
200	DP22.019.200	DP22.020.200	DP22.024.200	DP22.025.200	DP22.030.200	DP22.032.200	DP22.040.200	DP22.050.200	DP22.063.200	DP22.080.200
224			DP22.024.224	DP21.025.224	DP22.030.224	DP22.032.224	DP22.040.224	DP22.050.224	DP22.063.224	DP22.080.224
250			DP22.024.250	DP21.025.250	DP22.030.250	DP21.032.250	DP22.040.250	DP22.050.250	DP22.063.250	DP22.080.250
280					DP22.030.280	DP21.032.280	DP22.040.280	DP22.050.280	DP22.063.280	DP22.080.280
315							DP22.040.315	DP22.050.315	DP22.063.315	DP22.080.315
355								DP22.050.355	DP22.063.355	DP22.080.355
400										DP22.080.400

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Atelier Mécanique De La Lauch

BLUEline DEMOUNTABLE BUSHING
STEEL / BRONZE-PLATED

DB11
DB21

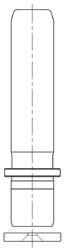
+

DIN 9831 compatible

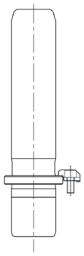
Example
Bushing D1=40 - F=45
Bronze-plated
Please state:
DB21.040.045

For use with

Column

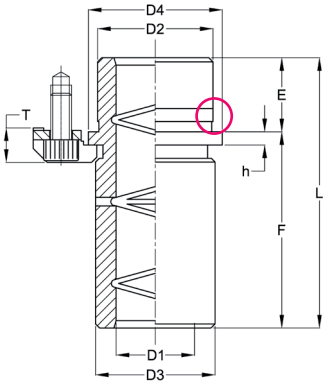


Demountable column

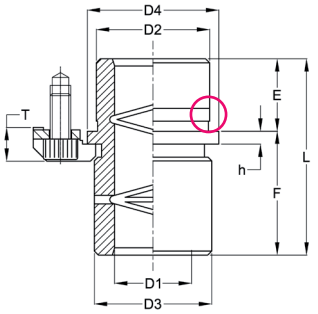


Demountable column

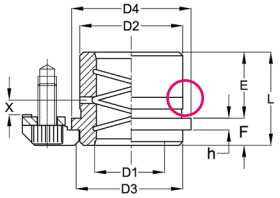
LONG SHOULDER



NORMAL SHOULDER



SHORT SHOULDER

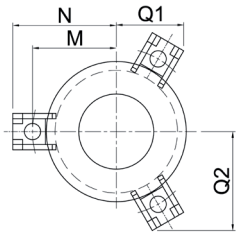


Easyfit system

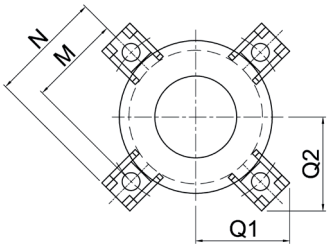
Tempered case-hardened steel bushings with a hardness of 60-64HRC, with Easyfit system, delivered with fastening clamps and screws.
Two different materials are available:
- Steel bushings: DB11 high rigidity and resistance
- Bronze-plated bushings: DB21 technology specific to the MDL group combining the rigidity of steel with the frictional coefficient of bronze

Positions of the bushing fastening clamps.

From Ø 19 to 32



From Ø 40 to 80



D_1 H5	19	20	24	25	30	32	40	50	63	80
D_2	32		40		48		58	70	85	105
D_3	39		46		53		63	77	92	115
D_4	40		48		56		66	80	95	118
E	23		23		30		37	47	60	60
Qty. clamps	3		3		3		4	4	4	4
Ref. clamps	B02.006.100									
Vis	A05.006.012									
h	6									
M	26		30		33,5		38,5	45,5	53	64,5
N	33,9		37,9		41,4		46,4	53,4	60,9	72,4
Q1	23,4		25,3		27,1		38	42,9	48,2	56,3
Q2	33,1		36,5		39,6		38	42,9	48,2	56,3
T	10									

LONG SHOULDER

D_1	19	20	24	25	30	32	40	50	63	80
F	36		56		63		71	80	90	90
L	59		79		93		108	127	150	150
Réf. acier	DB11.019.036	DB11.020.036	DB11.024.056	DB11.025.056	DB11.030.063	DB11.032.063	DB11.040.071	DB11.050.080	DB11.063.090	DB11.080.090
Réf. pl. bronze	DB21.019.036	DB21.020.036	DB21.024.056	DB21.025.056	DB21.030.063	DB21.032.063	DB21.040.071	DB21.050.080	DB21.063.090	DB21.080.090

NORMAL SHOULDER

D_1	19	20	24	25	30	32	40	50	63	80
F	20		36		45		45	50	56	60
L	43		59		75		82	97	116	120
Réf. acier	DB11.019.020	DB11.020.020	DB11.024.036	DB11.025.036	DB11.030.045	DB11.032.045	DB11.040.045	DB11.050.050	DB11.063.056	DB11.080.060
Réf. pl. bronze	DB21.019.020	DB21.020.020	DB21.024.036	DB21.025.036	DB21.030.045	DB21.032.045	DB21.040.045	DB21.050.050	DB21.063.056	DB21.080.060

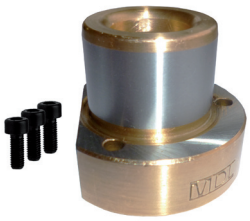
SHORT SHOULDER

D_1	19	20	24	25	30	32	40	50	63	80
D_3	32		40		48		58	70	85	105
F	12		12		12		15	18	20	20
L	35		35		42		52	65	80	80
Réf. acier	DB11.019.012	DB11.020.012	DB11.024.012	DB11.025.012	DB11.030.012	DB11.032.012	DB11.040.015	DB11.050.018	DB11.063.020	DB11.080.020
Réf. pl. bronze	DB21.019.012	DB21.020.012	DB21.024.012	DB21.025.012	DB21.030.012	DB21.032.012	DB21.040.015	DB21.050.018	DB21.063.020	DB21.080.020

Atelier Mécanique De La Lauch

BLUEline
DEMOUNTABLE BUSHING
FLANGED

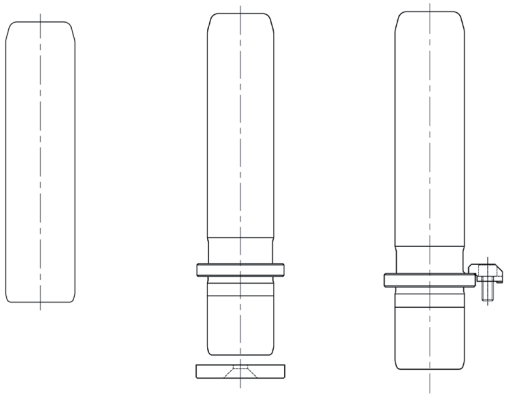
DB31



DIN 9831 compatible

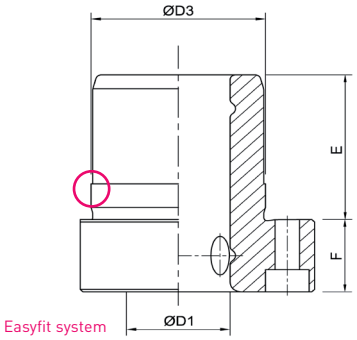
Example
Bushing D1=30 - F=62
Please state:
DB41.030.062

For use with

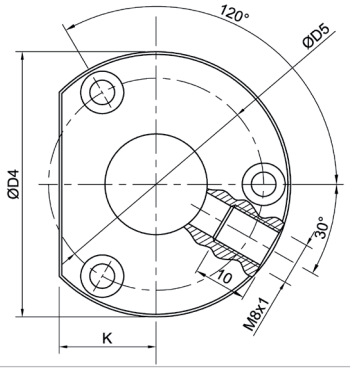


Straight column

Demountable columns

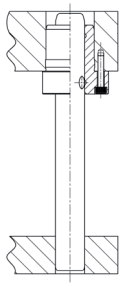


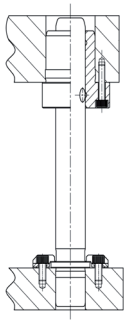
Easyfit system



Tempered case-hardened steel bushings with a hardness of 60-64HRC, bronze- plated, with Easyfit system
Come with screws

Examples





D1	19	20	24	25	30	32	40	50	63
D3	32		40		48		58	70	85
D4	50		63		72		85	104	120
D5	40		50		58		70	86	100
K	18		23		28		33	38	44

LONG SHOULDER									
D1	19	20	24	25	30	32	40	50	
E	23		23		30		30	37	
F	15		15		15		25	25	
Vis	A05.004.020		A05.005.020		A05.005.020		A05.005.030	A05.005.035	
Référence	DB31.019.038	DB31.020.038	DB31.024.038	DB31.025.038	DB31.030.045	DB31.032.045	DB31.040.055	DB31.050.062	

SHORT SHOULDER									
D1	19	20	24	25	30	32	40	50	63
E	30		30		37		37	47	60
F	15		25		25		30	42	42
Vis	A05.004.020		A05.005.030		A05.005.030		A05.005.035	A05.005.050	A05.008.050
Référence	DB31.019.045	DB31.020.045	DB31.024.055	DB31.025.055	DB31.030.062	DB31.032.062	DB31.040.067	DB31.050.089	DB31.063.089

Atelier Mécanique De La Lauch

NOTE

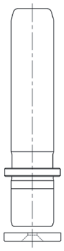
BLUEline
STEEL BALL BEARINGS GUIDE BUSHING

DIN 9831 compatible

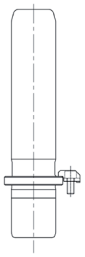
Example
Column D1=40 - F=45
Please state:
DB41.040.045

For use with

Column



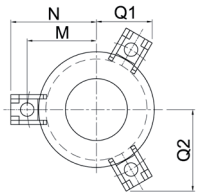
Demountable column



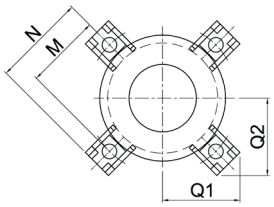
Demountable column

Tempered case-hardened steel bushings with a hardness of 60-64HRC, with Easyfit system
Come with fastening clamps and screws

Positions of the bushing fastening clamps

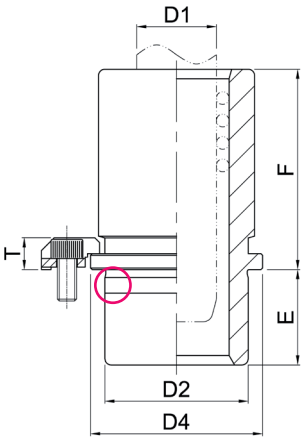


From Ø19 to 32

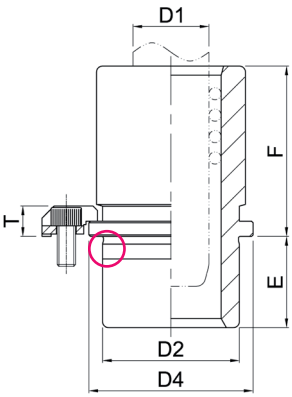


From Ø40 to 63

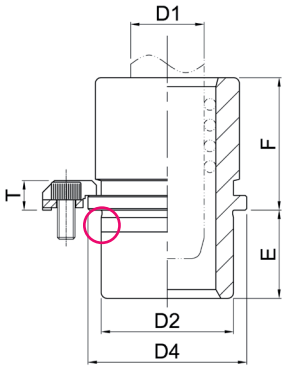
EXTRA LONG SHOULDER



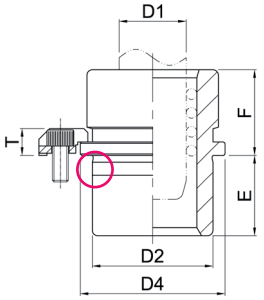
LONG SHOULDER



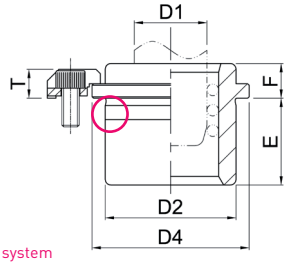
NORMAL SHOULDER



SHORT SHOULDER



EXTRA-SHORT SHOULDER



Easyfit system

D1	19	20	24	25	30	32	40	50	63
D2	32		40		48		58	70	85
D3	39		46		53		63	77	92
D4	40		48		56		66	80	95
Qty. clamps	3		3		3		4	4	4
Ref. clamps	B02.006.100								
Vis	A05.006.012								
M	26		30		33,5		38,5	45,5	53
N	33,9		37,9		41,4		46,4	53,4	60,9
Q1	23,4		25,3		27,1		38	42,9	48,2
Q2	33,1		36,5		39,6		38	42,9	48,2
T	10								

EXTRA LONG SHOULDER									
D1	19	20	24	25	30	32	40	50	63
E	23		23		30		37	47	60
F	36		56		63		71	80	90
L=E+F	59		79		93		108	127	150
REFERENCE	DB41.019.036	DB41.020.036	DB41.024.056	DB41.025.056	DB41.030.063	DB41.032.063	DB41.040.071	DB41.050.080	DB41.063.090

LONG SHOULDER									
D1	19	20	24	25	30	32	40	50	63
E			30		37		47	60	
F			50		56		63	71	
L=E+F			80		93		110	131	
REFERENCE			DB41.024.050	DB41.025.050	DB41.030.056	DB41.032.056	DB41.040.063	DB41.050.071	

NORMAL SHOULDER									
D1	19	20	24	25	30	32	40	50	63
E	23		23		30		37	47	60
F	20		36		45		45	50	56
L=E+F	43		59		75		82	97	116
REFERENCE	DB41.019.020	DB41.020.020	DB41.024.036	DB41.025.036	DB41.030.045	DB41.032.045	DB41.040.045	DB41.050.050	DB41.063.056

SHORT SHOULDER									
D1	19	20	24	25	30	32	40	50	63
E			30		37		47	60	
F			25		32		32	36	
L=E+F			55		69		79	96	
REFERENCE			DB41.024.025	DB41.025.025	DB41.030.032	DB41.032.032	DB41.040.032	DB41.050.036	

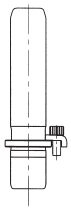
EXTRA-SHORT SHOULDER									
D1	19	20	24	25	30	32	40	50	63
E	23		23		30		37	47	60
F	12		12		12		15	18	20
L=E+F	35		35		42		52	65	80
REFERENCE	DB41.019.012	DB41.020.012	DB41.024.012	DB41.025.012	DB41.030.012	DB41.032.012	DB41.040.015	DB41.050.018	DB41.063.020

DIN 5401 compatible

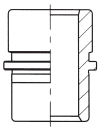
Example
Cage D1=30 - Lc=70
Please state:
DC13.030.070

For use with

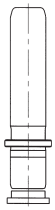
Straigth column



Demountable column

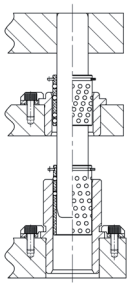


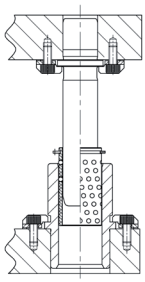
Demountable bushing

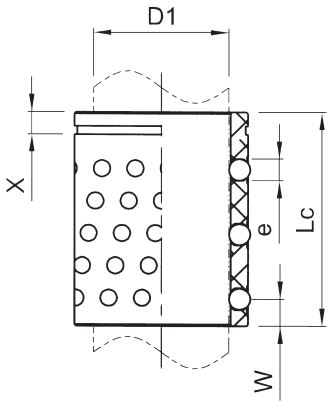


Demountable column

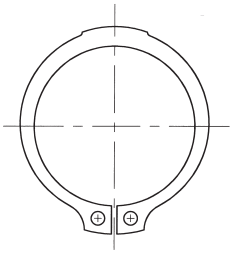
Examples







Circlips for ball cage, type 3
C03



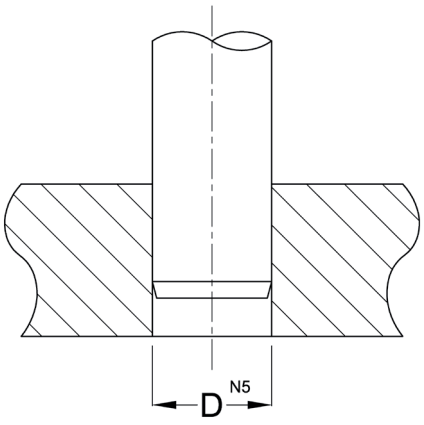
Ball cage built of monobloc aluminium alloy, processed, aircraft grade
Ball cages come with circlips

D1	19	20	24	25	30	32	40	50	63
Lc	REFERENCES								
32	DC13.019.032	DC13.020.032							
40						DC13.032.040			
44	DC13.019.044	DC13.020.044	DC13.024.044	DC13.025.044					
45						DC13.032.045			
50						DC13.032.050			
55					DC13.030.055	DC13.032.055			
56	DC13.019.056	DC13.020.056	DC13.024.056	DC13.025.056					
65							DC13.040.065		
70					DC13.030.070	DC13.032.070			
72	DC13.019.072	DC13.020.072	DC13.024.072	DC13.025.072					
80			DC13.024.080	DC13.025.080	DC13.030.080	DC13.032.080	DC13.040.080	DC13.050.080	
95					DC13.030.095	DC13.032.095	DC13.040.095	DC13.050.095	DC13.063.095
96			DC13.024.096	DC13.025.096					
105					DC13.030.105	DC13.032.105	DC13.040.105	DC13.050.105	DC13.063.105
120					DC13.030.120	DC13.032.120	DC13.040.120	DC13.050.120	DC13.063.120
140							DC13.040.140	DC13.050.140	DC13.063.140
160								DC13.050.160	DC13.063.160
180									DC13.063.180
X	2.9		3,2		4		4	4,3	4,8
e	3		3		4	4	4	4	4

Atelier Mécanique De La Lauch

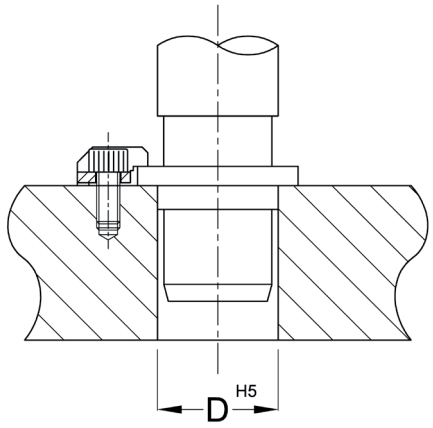
NOTE

STRAIGHT COLUMN
DP10.xxx.xxx
Tightened adjustment



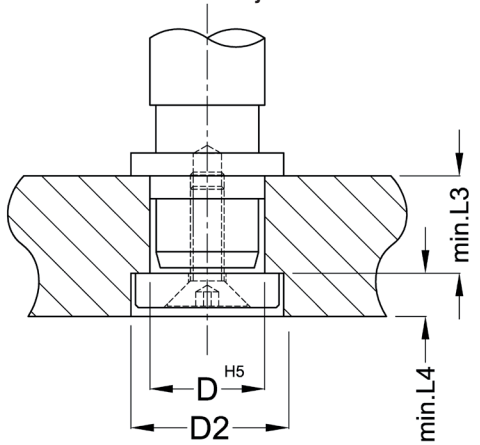
Column diameter D_1	Bore diameter D^{N5}	
19/20	19/20	-0,012 -0,021
24/25	24/25	-0,012 -0,021
30/32	30/32	-0,013 -0,024
40	40	-0,013 -0,024
50	50	-0,013 -0,024
63	63	-0,015 -0,028
80	80	-0,015 -0,028

DEMOUNTABLE COLUMN
DP21.XXX.XX
Uncertain adjustment



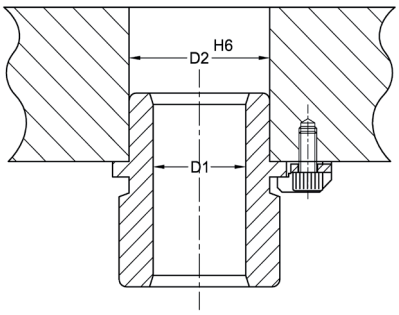
Column diameter D_1		Bore diameter D^{H5}		Adjustment Mini Maxi
19/20	+0,003 -0,003	19/20	+0,009 0	+0,012 -0,003
24/25	+0,003 -0,003	24/25	+0,009 0	+0,012 -0,003
30/32	+0,003 -0,003	30/32	+0,011 0	+0,014 -0,003
40	+0,003 -0,003	40	+0,011 0	+0,014 -0,003
50	+0,003 -0,003	50	+0,011 0	+0,014 -0,003
63	+0,003 -0,003	63	+0,013 0	+0,016 -0,003
80	+0,003 -0,003	80	+0,013 0	+0,016 -0,003

DEMOUNTABLE COLUMN
DP22.XXX.XXX
Uncertain adjustment



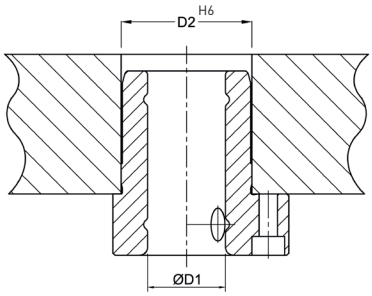
Column diameter D_1		Bore diameter D^{H5}		D_2	L_3	L_4
19/20	+0,003 -0,003	19/20	+0,009 0	27	23,5	6,5
24/25	+0,003 -0,003	24/25	+0,009 0	34	30,5	6,5
30/32	+0,003 -0,003	30/32	+0,011 0	42	37,5	6,5
40	+0,003 -0,003	40	+0,011 0	52	37,5	6,5
50	+0,003 -0,003	50	+0,011 0	62	47,5	6,5
63	+0,003 -0,003	63	+0,013 0	72	47,5	6,5
80	+0,003 -0,003	80	+0,013 0	95	60,5	12,5

DEMOUNTABLE STEEL/BRONZE-PLATED BUSHINGS
DB11.xxx.xxx



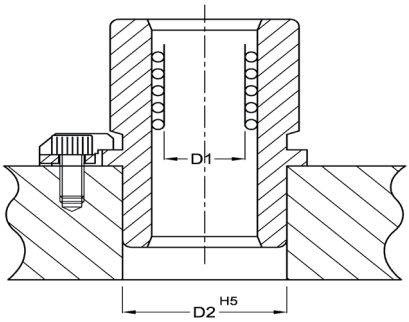
Nominal diameter D_1	Bushing diameter D_2	Bore diameter D_2 H_6	Adjustment Mini Maxi
19/20	32 +0,003 -0,003	32 +0,016 +0,000	+0,019 -0,003
24/25	40 +0,003 -0,003	40 +0,016 +0,000	+0,019 -0,003
30/32	48 +0,003 -0,003	48 +0,016 +0,000	+0,019 -0,003
40	58 +0,003 -0,003	58 +0,019 +0,000	+0,022 -0,003
50	70 +0,003 -0,003	70 +0,019 +0,000	+0,022 -0,003
63	85 +0,003 -0,003	85 +0,022 +0,000	+0,025 -0,003
80	105 +0,003 -0,003	105 +0,022 +0,000	+0,025 -0,003

DEMOUNTABLE FLANGED BUSHINGS
DB31.xxx.xxx



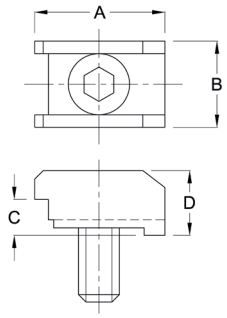
Nominal diameter D_1	Bushing diameter D_2	Bore diameter D_2 H_6	Adjustment Mini Maxi
19/20	32 +0,003 -0,003	32 +0,016 +0,000	+0,019 -0,003
24/25	40 +0,003 -0,003	40 +0,016 +0,000	+0,019 -0,003
30/32	48 +0,003 -0,003	48 +0,016 +0,000	+0,014 -0,003
40	58 +0,003 -0,003	58 +0,019 +0,000	+0,014 -0,003
50	70 +0,003 -0,003	70 +0,019 +0,000	+0,016 -0,003
63	85 +0,003 -0,003	85 +0,022 +0,000	+0,016 -0,003

STEEL BALL BEARINGS GUIDE BUSHING
DB41.XXX.XXX



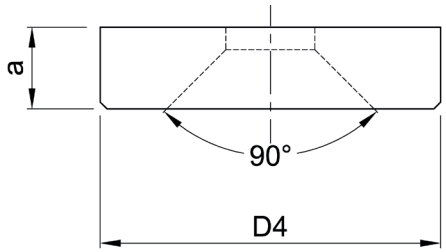
Nominal diameter D_1	Bushing diameter D_2	Bore diameter D_2 H_5	Adjustment Mini Maxi
19/20	32 +0,003 -0,003	32 +0,011 +0,000	+0,014 -0,003
24/25	40 +0,003 -0,003	40 +0,011 +0,000	+0,014 -0,003
30/32	48 +0,003 -0,003	48 +0,011 +0,000	+0,014 -0,003
40	58 +0,003 -0,003	58 +0,013 +0,000	+0,016 -0,003
50	70 +0,003 -0,003	70 +0,013 +0,000	+0,016 -0,003
63	85 +0,003 -0,003	85 +0,015 +0,000	+0,018 -0,003

CLAMPS (SCREWLESS)



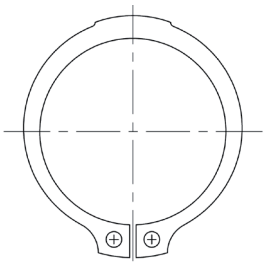
FASTENING CLAMPS	
A	18,3
B	14,5
C	6
D	10
Qty of clamps	From Ø 19 to 32: 3 clamps From Ø 40 to 80: 4 clamps
Reference	B02.006.100
Screw reference code	A05.006.012

FASTENING WASHER



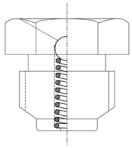
FASTENING WASHER FOR DP22 COLUMN			
Reference	**Ø Column**	**D4**	**a**
P02.020.100	19 / 20	25	6
P02.025.100	24 / 25	32	6
P02.032.100	30 / 32	40	6
P02.040.100	40	50	6
P02.050.100	50	60	6
P02.063.100	63	70	6
P02.080.100	80	93	12

BALL CAGE CIRCLIPS



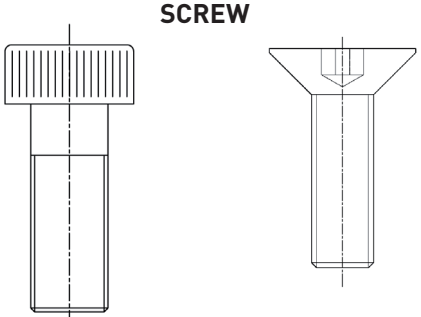
CIRCLIPS FOR DC13 BALL CAGE	
Reference	**Ø Ball cage**
C03.019.100	19
C03.020.100	20
C03.024.100	24
C03.025.100	25
C03.030.038	30
C03.032.040	32
C03.040.048	40
C03.050.100	50
C03.063.100	63

GREASING KIT



GREASING KIT FOR SMOOTH GUIDE BUSHINGS	
Reference	**G03.008.100**
Thread	**M8**
Greasing kit includes: **4 greasers**	

SCREW



SCREW	
Reference	**Type**
A05.004.020	Screw CHC M4 x 20
A05.005.020	Screw CHC M5 x 20
A05.005.030	Screw CHC M5 x 30
A05.006.030	Screw CHC M6 x 30
A05.006.035	Screw CHC M6 x 35
A05.008.050	Screw CHC M8 x 50
A05.006.012	Screw CHC M6 X 12
A09.008.020	Screw FHC M8 X 20
A09.012.025	Screw FHC M12 X 25

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