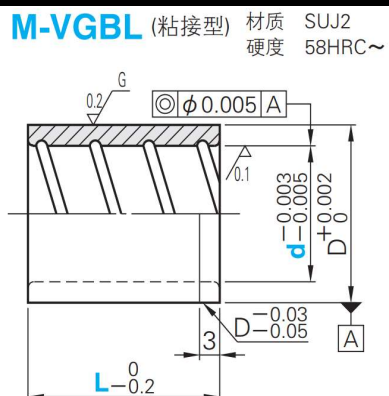


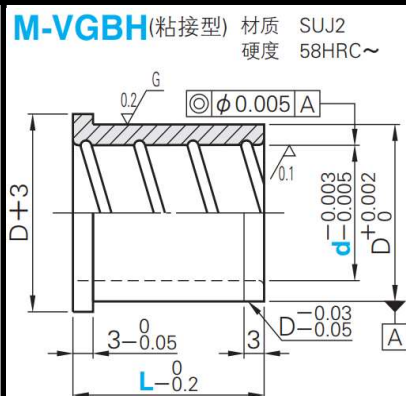
精密级卸料板导套

■油润滑型・精密级卸料板导套・直杆型



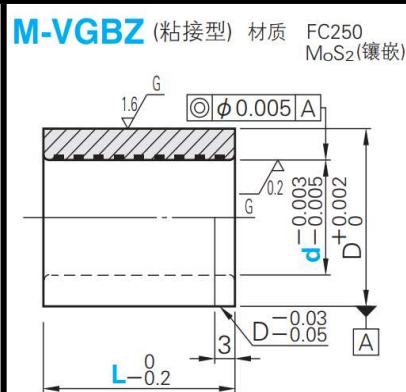
D	Catalog No.		L
	Type	d	
12	M-VGBL	8	10 13 16 20
14		10	10 13 16 20 22 25
18		13	13 16 20 22 25 30
22		16	16 20 22 25 30 35
25		20	20 22 25 30 35
32		25	20 22 25 30 35

■油润滑型·精密级卸料板导套·肩型



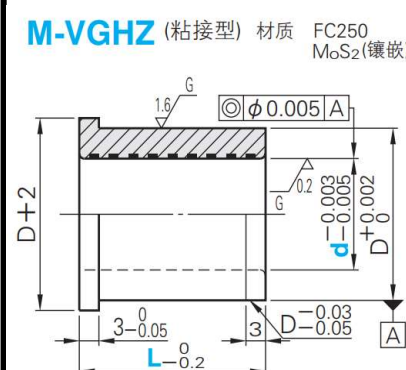
D	Catalog No.		L
	Type	d	
12	M-VGBH	8	10 13 16 20
14		10	10 13 16 20 22 25
18		13	13 16 20 22 25 30
22		16	16 20 22 25 30 35
25		20	20 22 25 30 35
32		25	20 22 25 30 35

■自润滑型·精密级卸料板导套·直杆型



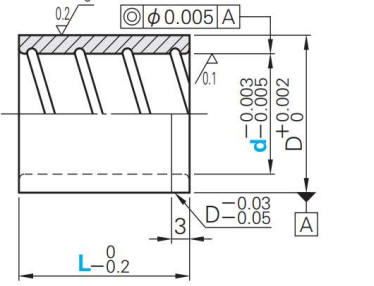
D	Catalog No.		L
	Type	d	
13	M-VGBZ	8	10 13 16 20
16		10	10 13 16 20 22 25
20		13	13 16 20 22 25 30
24		16	16 20 22 25 30 35
28		20	20 22 25 30 35
34		25	20 22 25 30 35

■自润滑型·精密级卸料板导套·肩型

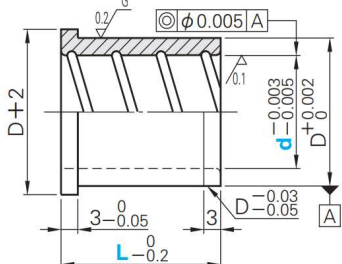


D	Catalog No.		L
	Type	d	
13	M-VGHZ	8	10 13 16 20
16		10	10 13 16 20 22 25
20		13	13 16 20 22 25 30
24		16	16 20 22 25 30 35
28		20	20 22 25 30 35
34		25	20 22 25 30 35

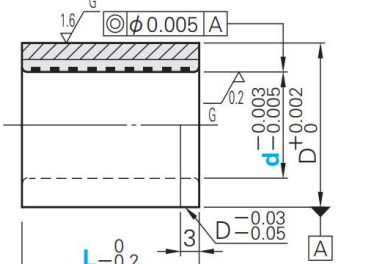
■铜合金油润滑型・精密级卸料板导套・直杆型

	M-VSGSF (粘接型) 材质 SUJ2+铜合金 硬度 45HRC 	Catalog No.		L
		Type	d	
		M-VSGSF	10	10 13 16 20
			13	13 16 20 25
			16	16 20 25 30
			20	20 25 30

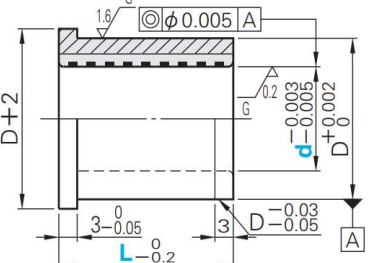
■铜合金油润滑型・精密级卸料板导套・肩型

	M-VSGBF (粘接型) 材质 SUJ2+铜合金 硬度 45HRC 	Catalog No.		L
		Type	d	
		M-VSGBF	10	10 13 16 20
			13	13 16 20 25
			16	16 20 25 30
			20	20 25 30

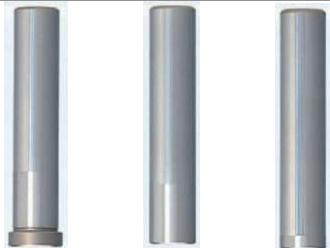
■铜合金自润滑型・精密级卸料板导套・直杆型

	M-VSGCZ (粘接型) 材质 SUJ2+铜合金 镶嵌MoS2 硬度 45HRC 	Catalog No.		L
		Type	d	
		M-VSGCZ	10	10 13 16 20
			13	13 16 20 25
			16	16 20 25 30
			20	20 25 30
			25	25 30

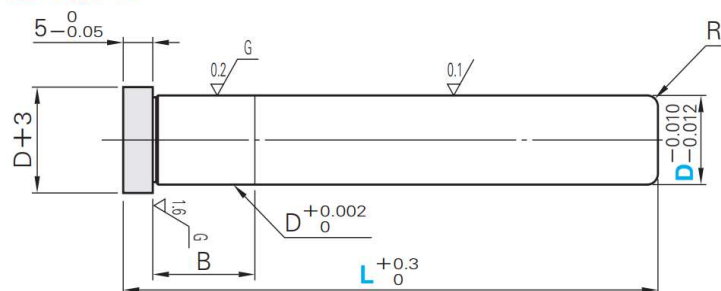
■铜合金自润滑型・精密级卸料板导套・肩型

	M-VSGFZ (粘接型) 材质 SUJ2+铜合金 镶嵌MoS2 硬度 45HRC 	Catalog No.		L
		Type	d	
		M-VSGFZ	10	10 13 16 20
			13	13 16 20 25
			16	16 20 25 30
			20	20 25 30
			25	25 30

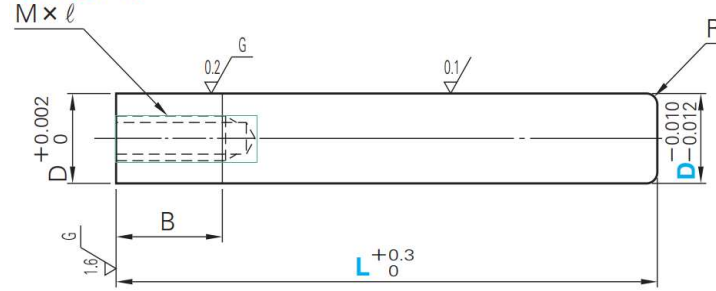
精密级卸料板导柱 (2μ公差)

代码	类型	材质	硬度	
M-VGPH	肩型	SKD11	HRC58~	
M-VGPN	直杆型			
M-VGPS	直杆带导入部型			

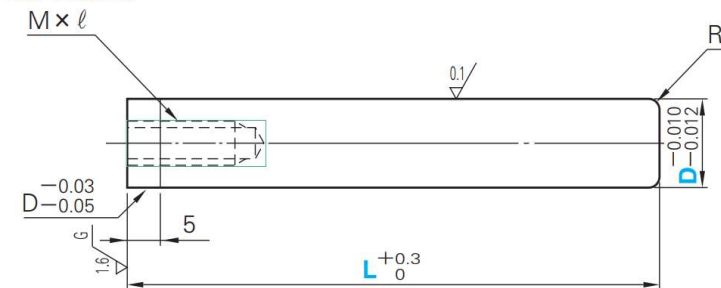
M-VGPH



M-VGPN



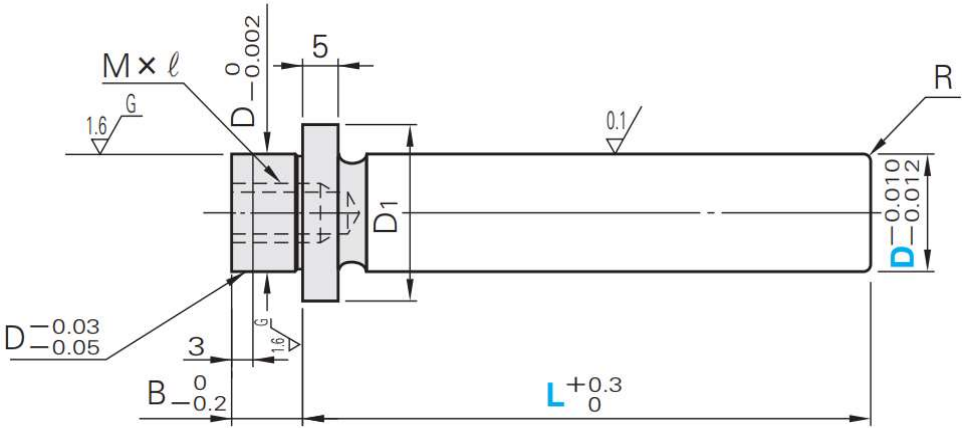
M-VGPS



M×ℓ	R	B	Catalog No.		L									
			Type	D										
M5×12 P0.8	1.0	10	M-VGPH M-VGPN M-VGPS	8	40	50	60	70	80					
		13		10	40	50	60	70	80	90	100			
M6×15 P1.0	1.5	16		13		50	60	70	80	90	100	110	120	
		20		16		50	60	70	80	90	100	110	120	130 140
M8×20 P1.25	2.0	25		20			60	70	80	90	100	110	120	130 140
		28		25				70	80	90	100	110	120	130 140 150

代码	类型	材质	硬度	
M-VGPR	装卸型	SKD11	HRC58~	

M-VGPR



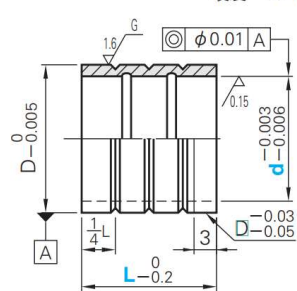
M×e 螺距	D ₁	R	B	Catalog No.		L											
				Type	D												
M5×12 P0.8	16	1.0	8	M-VGPR	10	30	40	50	60	70	80						
M6×15 P1.0	20	1.5	10		13	40 50 60 70 80 90 100											
	23				16	40 50 60 70 80 90 100 110 120											
M8×20 P1.25	27	2.0	13		20	50 60 70 80 90 100 110 120											

卸料板导套(3μ公差)

■ 油润滑型・卸料板导套・直杆型

	D	Catalog No.		L
		Type	d	
 * 外径槽数: $L \leq 20 \rightarrow 2$ 个 $L > 20 \rightarrow 3$ 个	14	M-TGBL	10	10 13 16 20 22 25
	18		13	13 16 20 22 25 30
	22		16	16 20 22 25 30 35
	25		20	20 22 25 30 35

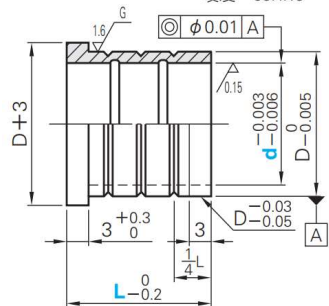
M-TGBL (粘接型) 材质 SUJ2
硬度 58HRC~



■ 油润滑型・卸料板导套・肩型

	D	Catalog No.		L
		Type	d	
 * 外径槽数: $L \leq 20 \rightarrow 2$ 个 $L > 20 \rightarrow 3$ 个	14	M-TGBT	10	10 13 16 20 22 25
	18		13	13 16 20 22 25 30
	22		16	16 20 22 25 30 35
	25		20	20 22 25 30 35

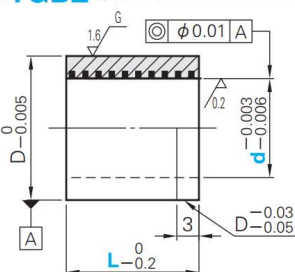
M-TGBT (粘接型) 材质 SUJ2
硬度 58HRC~



■ 自润滑型・卸料板导套・直杆型

	D	Catalog No.		L
		Type	d	
	16	M-TGBZ	10	10 13 16 20 22 25
	20		13	13 16 20 22 25 30
	24		16	16 20 22 25 30 35
	28		20	20 22 25 30 35
	34		25	20 22 25 30 35

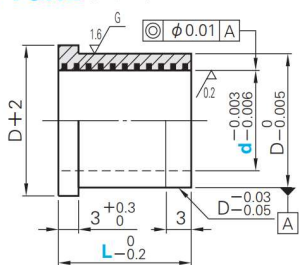
M-TGBZ (粘接型) 材质 FC250 镶嵌MoS₂



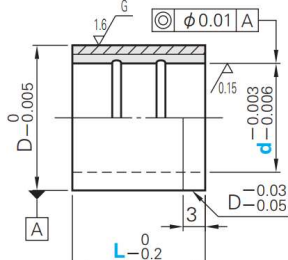
■ 自润滑型・卸料板导套・肩型

	D	Catalog No.		L
		Type	d	
	16	M-TGHZ	10	10 13 16 20 22 25
	20		13	13 16 20 22 25 30
	24		16	16 20 22 25 30 35
	28		20	20 22 25 30 35
	34		25	20 22 25 30 35

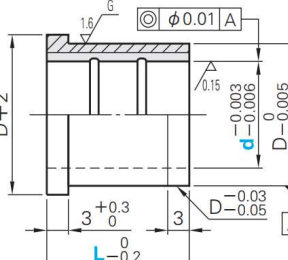
M-TGHZ (粘接型) 材质 FC250 镶嵌MoS₂



■铜合金油润滑型・卸料板导套・直杆型

	M-TGSF (粘接型) 材质 SUJ2+铜合金 硬度 45HRC 	Catalog No.		L								
		D	Type	d								
		16	M-TGSF	10	10	13	16	20	22	25		
		20		13		13	16	20	22	25	30	
		24		16			16	20	22	25	30	35
		28		20				20	22	25	30	35

■铜合金油润滑型・卸料板导套・肩型

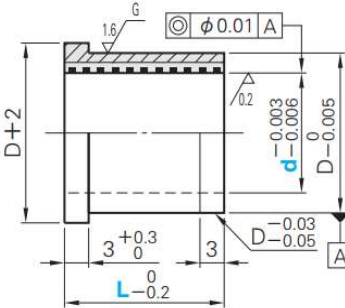
	M-TGBF (粘接型) 材质 SUJ2+铜合金 硬度 45HRC 	Catalog No.		L								
		D	Type	d								
		16	M-TGBF	10	10	13	16	20	22	25		
		20		13		13	16	20	22	25	30	
		24		16			16	20	22	25	30	35
		28		20				20	22	25	30	35

■铜合金自润滑型・卸料板导套・直杆型

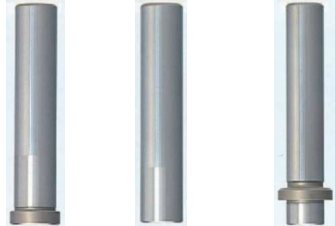
M-TGCZ (粘接型)
材质 SUJ2+铜合金 镶嵌 MoS₂
硬度 45HRC

D	Catalog No.		L						
	Type	d							
16	M-TGCZ	10	10	13	16	20	22	25	
20		13		13	16	20	22	25	30
24		16			16	20	22	25	30 35
28		20				20	22	25	30 35
34		25					20	22 25	30 35

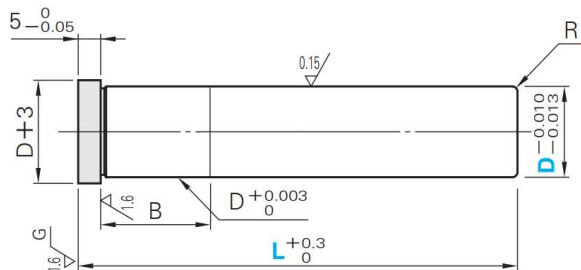
■铜合金自润滑型・卸料板导套・肩型

	M-TGFZ (粘接型) 材质 SUJ2+铜合金 镶嵌 MoS2 硬度 45HRC		Catalog No.		L					
			Type	d						
	16	M-TGFZ	10	10	13	16	20	22	25	
	20		13	13	16	20	22	25	30	
	24		16	16	20	22	25	30	35	
	28		20	20	22	25	30	35		
	34		25	20	22	25	30	35		

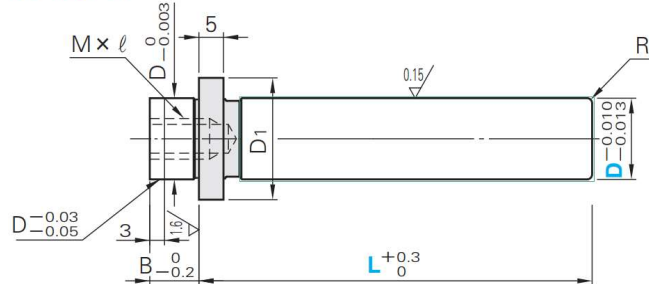
卸料板导柱（3μ公差）

代码	类型	材质	硬度	
M-TGPH	肩型	SKD11	HRC58~	
M-TGPN	直杆型			
M-TGPR	装卸型			

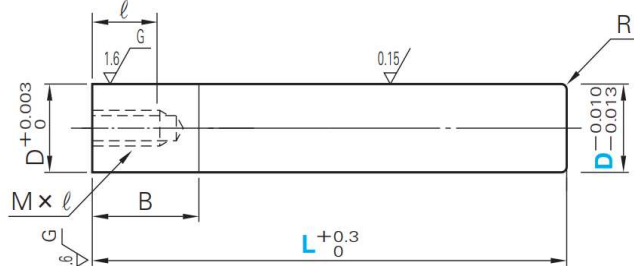
M-TGPH



M-TGPR



M-TGPN



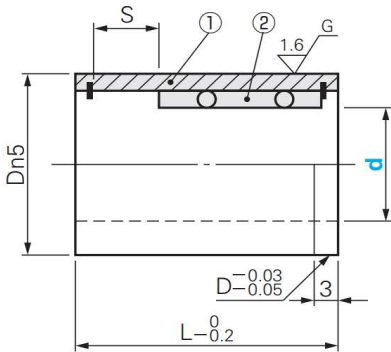
M×ℓ	R	B	Catalog No.		L									
			Type	D										
M5×12 P0.8	1.0	13	M-TGPH M-TGPN	10	40	50	60	70	80	100				
M6×15 P1.0	1.5	16		13		50	60	70	80	90	100	120		
		20		16		50	60	70	80	90	100	110	120	130 140
M8×20 P1.25	2.0	25		20				70	80	90	100	110	120	130 140
		28		25				70	80	90	100	110	120	130 140

M×ℓ	D ₁	R	B	Catalog No.		L							
				Type	D								
M5×12 P0.8	16	1.0	8	M-TGPR	10	40	50	60					
M6×15 P1.0	20	1.5	10		13	40	50	60	70				
	23				16	40	50	60	70	80	90	100	
M8×20 P1.25	27	2.0	13		20	50	60	70	80	90	100		

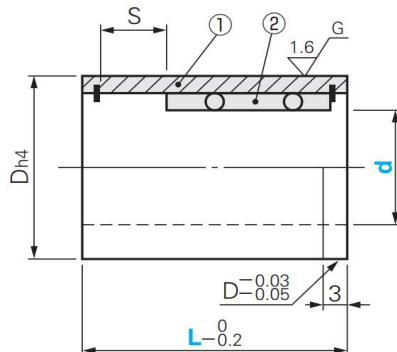
钢球型卸料板导套

代码	类型	材质	硬度	
M-SGBB	压入型	①轴承钢 ②铝合金	HRC58~	
M-SGBBL	粘接型			
M-SGBBF	粘接型			

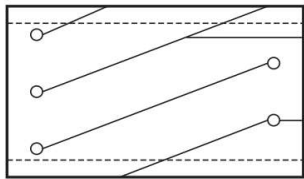
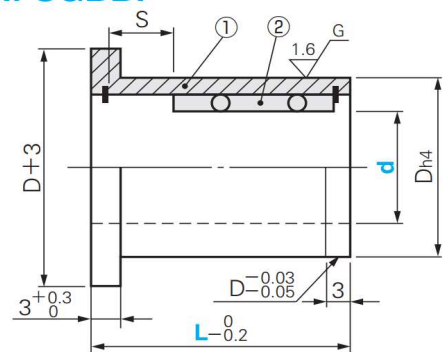
M-SGBB (压入型)



M-SGBBL (粘接型)



M-SGBBF (粘接型)



N 条列数
(1……N)
n 钢球数
(1……n)

M-SGBB 8 球径 $\phi 1.588\text{mm}$ (1/16英寸)
M-SGBB 10 球径 $\phi 2.381\text{mm}$ (3/32英寸)
M-SGBB 13~25 球径 $\phi 3.175\text{mm}$ (1/8英寸)
M-SGBBL/F 8 球径 $\phi 1.5\text{mm}$
M-SGBBL/F 10~16 球径 $\phi 2.0\text{mm}$
M-SGBBL/F 20~25 球径 $\phi 3.0\text{mm}$

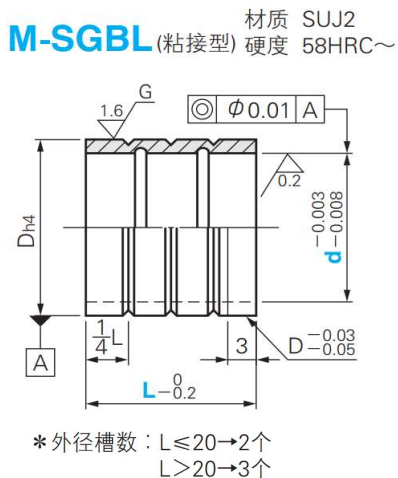
⚠ 由于两端已用扣环固定，因此钢球部不会从主体脱落。

Dn5		L	N 条列数	n 钢球数	S	最大行程	Catalog No.	
							Type	d
16	+0.020 +0.012	24	5	55	7.8	15.6	M-SGBB (压入型)	8
20	+0.024 +0.015	30			8.4	16.8		10
25		35	6	66	9.25	18.5		13
28	+0.028 +0.017	37		78	10.15	20.3		16
32		45		96	12.75	25.5		20
38		50	7	112	14.0	28.0		25

Dh4		N 条列数	n 钢球数	S	最大行程	Catalog No.		L (选择)
						Type	d	
16	0 -0.005	5	35	5	10	M-SGBBL (粘接型)	8	20
		7	49					25
20	0 -0.006	6	48				10	25
		8	64					30
25	0 -0.006	6	60	7.5	15	M-SGBBF (粘接型)	13	25
		8	80					30
28	0 -0.007	7	77				16	30
		9	99					35
32	0 -0.007	4	44				20	30
		6	66					35
38		8	112				25	40

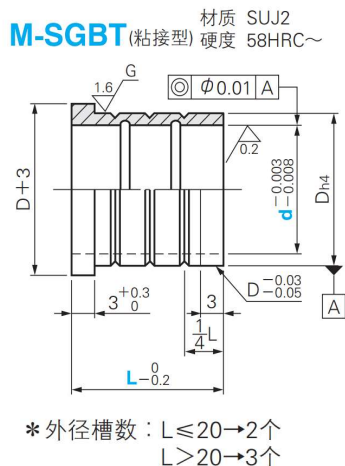
卸料板导套(5μ公差)

■油润滑型・卸料板导套・直杆型



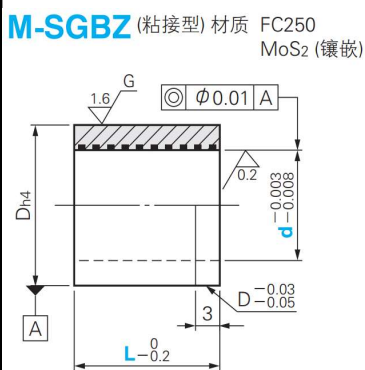
D		Catalog No.		L
		Type	d	
12	0 -0.005	M-SGBL	8	10 13 16 20
14			10	10 13 16 20 22 25
18			13	13 16 20 22 25 30 35
22	0 -0.006		16	13 16 20 22 25 30 35
25			20	16 20 22 25 30 35
32			0 -0.007	25

■油润滑型・卸料板导套・肩型



D		Catalog No.		L
		Type	d	
12	0 -0.005	M-SGBT	8	10 13 16 20
14			10	10 13 16 20 22 25
18			13	13 16 20 22 25 30 35
22	0 -0.006		16	13 16 20 22 25 30 35
25			20	16 20 22 25 30 35
32			0 -0.007	25

■自润滑型・卸料板导套・直杆型



Dh4		Catalog No.		L
		Type	d	
13	0	M-SGBZ	8	10 13 16 20
16	-0.005		10	10 13 16 20 22 25
20	0 -0.006		13	13 16 20 22 25 30
24			16	13 16 20 22 25 30 35
28			20	16 20 22 25 30 35
34			25	20 22 25 30 35

■自润滑型・卸料板导套・肩型

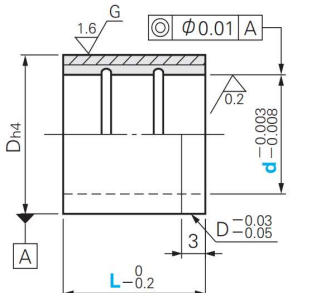
M-SGHZ (粘接型) 材质 FC250
MoS₂ (镶嵌)

Dh4		Catalog No.		L	
		Type	d		
13	0	M-SGHZ	8	10 13 16 20	
16	-0.005		10	10 13 16 20 22 25	
20	0 -0.006		13	13 16 20 22 25 30	
24			16	13 16 20 22 25 30 35	
28			20	16 20 22 25 30 35	
34	0 -0.007		25	20 22 25 30 35	

■铜合金油润滑型・卸料板导套・直杆型

	Dh4		Catalog No.		L
			Type	d	
	16	0	M-SGSF	10	10 13 16 20 22 25
	20	-0.005		13	13 16 20 22 25 30
	24	0		16	13 16 20 22 25 30 35
	28	-0.006		20	16 20 22 25 30 35
	34	0 -0.007		25	20 22 25 30 35

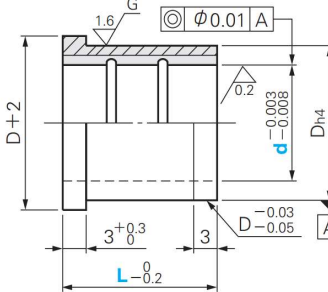
M-SGSF (粘接型) 材质 SUJ2+铜合金
硬度 45HRC~



■铜合金油润滑型・卸料板导套・肩型

	Dh4		Catalog No.		L
			Type	d	
	16	0	M-SGBF	10	10 13 16 20 22 25
	20	-0.005		13	13 16 20 22 25 30
	24	0		16	13 16 20 22 25 30 35
	28	-0.006		20	16 20 22 25 30 35
	34	0 -0.007		25	20 22 25 30 35

M-SGBF (粘接型) 材质 SUJ2+铜合金
硬度 45HRC~



■铜合金自润滑型・卸料板导套・直杆型

M-SGCZ (粘接型) 材质 SUJ2+铜合金
MoS2(镶嵌)
硬度 45HRC

Dh4		Catalog No.		L	
		Type	d		
16	0 -0.005	M-SGCZ	10	10 13 16 20 22 25	
20	0 -0.006		13	13 16 20 22 25 30	
24			16	16 20 22 25 30 35	
28			20	16 20 22 25 30 35	
34	0 -0.007		25	20 22 25 30 35	

■铜合金自润滑型・卸料板导套・肩型

		M-SGFZ (粘接型) 材质 SUJ2+铜合金 MoS2(镶嵌) 硬度 45HRC		Catalog No.		L
				Type	d	
16	0 -0.005	M-SGFZ	10	10 13 16 20 22 25		
20	0 -0.006		13	13 16 20 22 25 30		
24			16	16 20 22 25 30 35		
28			20	16 20 22 25 30 35		
34			25	20 22 25 30 35		

■油润滑型・卸料板导套・直杆型

D		Catalog No.		L	
		Type	d		
12	+0.020 +0.012	M-SGBA	8	10 13 16 20	
14			10	10 13 16 20	25
18			13	13 16 20	25 30 35
22	+0.024		16	16 20	25 30 35
25	+0.015		20	20	25 30 35
32	+0.028 +0.017		25		25 30 35

■油润滑型・卸料板导套・直杆型

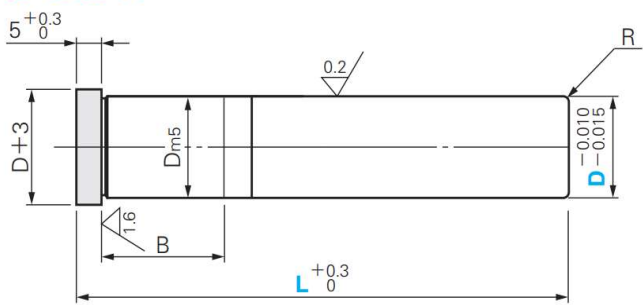
M-SGBH(压入型) 材质 SUJ2
硬度 58HRC~

D		Catalog No.		L	
		Type	d		
12	+0.015 +0.007	M-SGBH	8	10 13 16 20	
14			10	10 13 16 20 25	
18			13	13 16 20 25 30 35	
22	+0.017 +0.008		16	13 16 20 25 30 35	
25			20	20 25 30 35	
32			25	25 30 35	

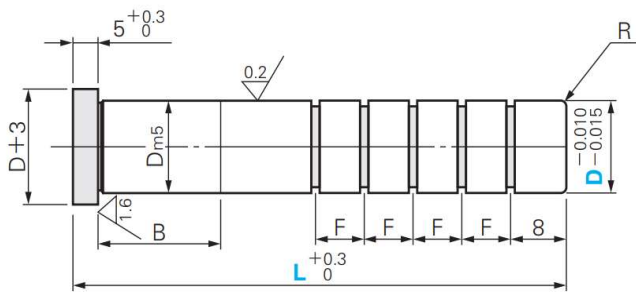
卸料板导柱（5μ公差）

代码	类型	材质	硬度	
M-SGPH	肩型	SUJ2	HRC58~	
M-SGOH	带油槽肩型			

M-SGPH



M-SGOH



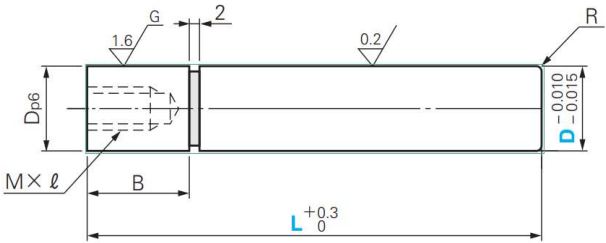
		槽数(个)						
D	L	40~	50~	70~	80~	90~	160~	180~
8		2	3	4	5	6	—	—
10		2	3	4	5	6	—	—
13		2	3	4	5	6	7	8
16		2	3	4	5	6	7	8
20		2	3	4	5	6	7	8
25		2	3	4	5	6	7	8

※L40~119.5 →F= 8
L120~L(C)max.→F=10

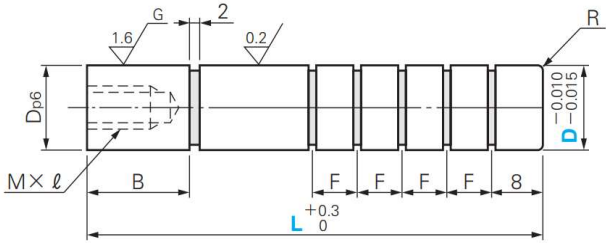
Dm5		R	B	Catalog No.		L
				Type	D	
8	+0.012	1.0	10	M-SGPH M-SGOH	8	40 50 60 70 80
10	+0.006		13		10	40 50 60 70 80 90 100
13	+0.015	1.5	16		13	40 50 60 70 80 90 100
16	+0.007		20		16	50 60 70 80 90 100 120 130 140
20	+0.017	2.0	25		20	60 70 80 90 100 120 130 140
25	+0.008		28		25	60 70 80 90 100 120 130 140

代码	类型	材质	硬度		
M-SGPN	直杆型	SUJ2	HRC58~		
M-SGON	带油槽直杆型				

M-SGPN



M-SGON



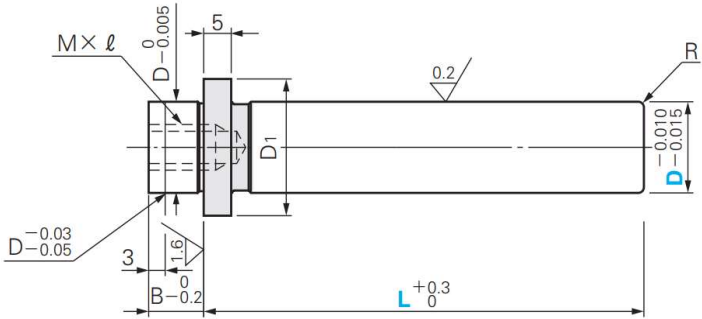
		槽数(个)						
D	L	40~	50~	70~	80~	90~	160~	180~
8		2	3	4	5	6	—	—
10		2	3	4	5	6	—	—
13		2	3	4	5	6	7	8
16		2	3	4	5	6	7	8
20		2	3	4	5	6	7	8
25		2	3	4	5	6	7	8

※L40~119.5 →F= 8
L120~L(C)max.→F=10

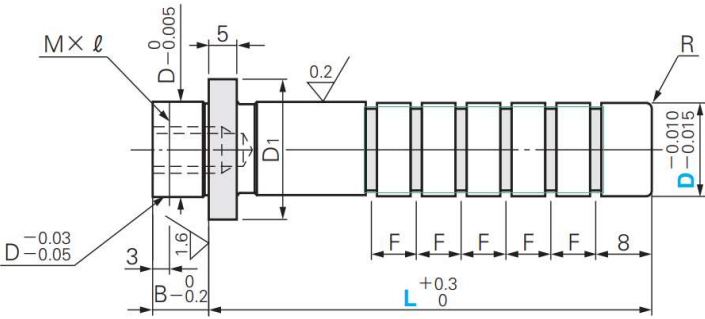
Dp6		M×ℓ 螺距	R	B	Catalog No.		L
					Type	D	
8	+0.024	M5×12	1.0	10	M-SGPN M-SGON	8	40 50 60 70 80
10	+0.015	P0.8		13		10	40 50 60 70 80 90 100
13	+0.029	M6×15	1.5	16		13	40 50 60 70 80 90 100 110 120
16	+0.018	P1.0		20		16	50 60 70 80 90 100 110 120
20	+0.035	M8×20	2.0	25		20	60 70 80 90 100 110 120 130 140
25	+0.022	P1.25		28		25	70 80 90 100 110 120 130 140

代码	类型	材质	硬度		
M-SGPR	装卸型	SUJ2	HRC58~		
M-SGOR	带油槽装卸型				

M-SGPR



M-SGOR



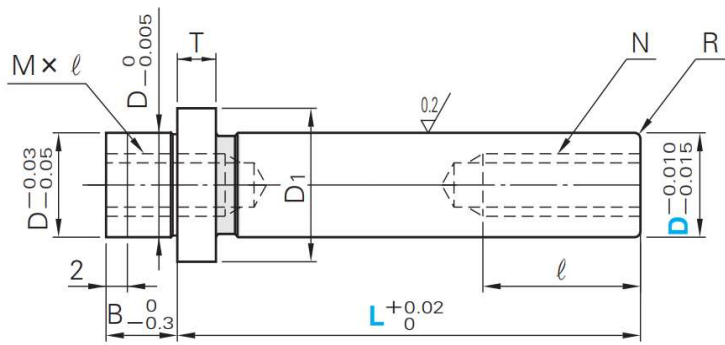
D \ L(C)	槽数(个)				
	30~	40~	60~	70~	80~
8	2	3	4	5	—
10	2	3	4	5	6
13	2	3	4	5	6
16	2	3	4	5	6
20	2	3	4	5	6
25	2	3	4	5	6

※L(C)30~119.5 →F= 8
L120~L(C)max.→F=10

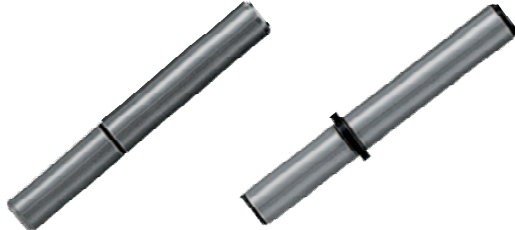
M×e 螺距	D1	R	B	Catalog No.		L
				Type	D	
M5×12 P0.8	13	1.0	8	M-SGPR M-SGOR	8	30 40 50 60 70
	16				10	30 40 50 60 70 80
M6×15 P1.0	20	1.5	10		13	40 50 60 70 80 90 100
	23				16	40 50 60 70 80 90 100 110 120
M8×20 P1.25	27	2.0	13		20	50 60 70 80 90 100 110 120
	32				16	25

代码	类型	材质	硬度	
M-SGPW	装卸型 (长度指定型)	SUJ2	HRC58~	

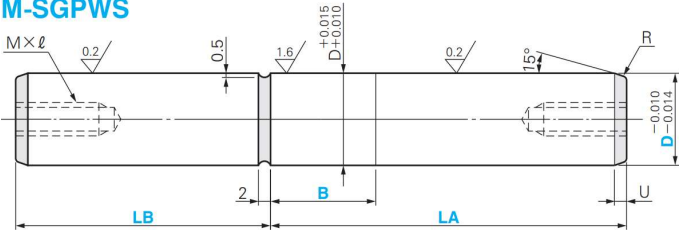
M-SGPW



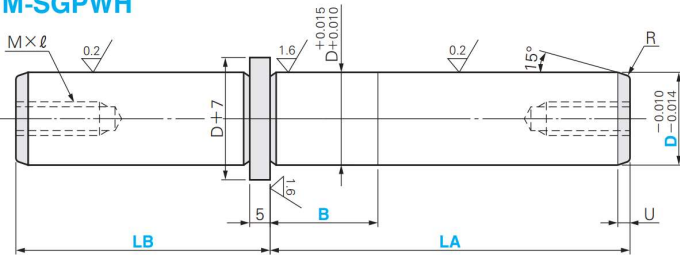
M×e 螺距	N 螺距	e	D1	R	T	B	Catalog No.		L 指定单位5mm
							Type	D	
M4×12 P0.7	M4 P0.7	8~13	12	1.0	3	8	M-SGPW	8	25~70
			14			10			
M5×15 P0.8	M5 P0.8	10~15	17	1.5	5	10		13	30~75
M6×15 P1.0	M6 P1.0		23			16		40~100	
M8×20 P1.25	M8 P1.25	16~21	27	2.0		13		20	60~120
			32			16		25	

代码	类型	材质	硬度	
M-SGPWS	直杆型	SUJ2	HRC58~	
M-SGPWH	凸缘型			

M-SGPWS



M-SGPWH



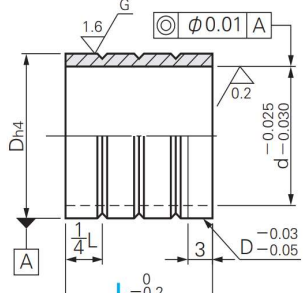
U	R	M×e 螺距	Catalog No.		LA	LB 单位10mm	B 单位1mm
			Type	D			
2	1.5	M5×22 P0.8	M-SGPWH 凸缘型	13	60	30～50	10～30
					70	30～60	
					80	40～60	
3	2	M6×25 P1.0	M-SGPWS 直杆型 M-SGPWH 凸缘型	16	70	30～60	
					80	30～70	
					90	40～80	
		M8×25 P1.25		20	80	40～70	
					90	40～70	
					100	50～80	
				25	90	50～70	
					100	50～80	
					110	60～90	
4	3						

钢球衬套用卸料板导套

■ 油润滑型・卸料板导套・直杆型

M-SGBBW(厚壁粘接型) 材质 SUJ2
硬度 58HRC~

d	D	Catalog No.	L	
		Type	PD	
17	24	M-SGBBW	13	30 35
20	28		16	30 35 40
26	34		20	35 40 45 50
31	40		25	45 50 60

	M-SGBBS (粘接型) 材质 SUJ2 硬度 58HRC~					Catalog No.		L	
						Type	PD		
	14	18	0 -0.005	M-SGBBS	10	20 25 30			
	17	22	0 -0.006		13	20 25 30			
	20	26			16	25 30 35			
26	31	20			25 30 35 40				
31	37	0 -0.007	25		35 40				

M-SGBBH (粘接型) 材质 SUJ2
硬度 58HRC~

d	Dh4		Catalog No.		L	
			Type	PD		
14	18	0 -0.005	M-SGBBH	10	20 25 30	
17	22	0 -0.006		13	20 25 30	
20	26			16	20 25 30 35	
26	31			20	20 25 30 35 40	
31	37	0 -0.007		25	35 40	