

GUIDE부품
WEAR PLATE



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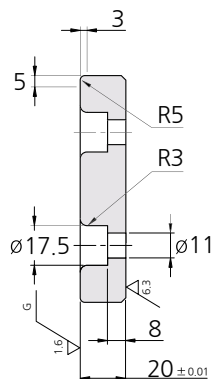
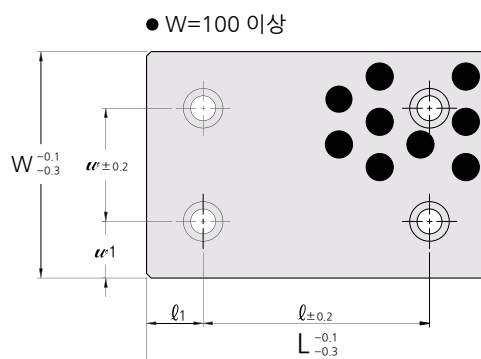
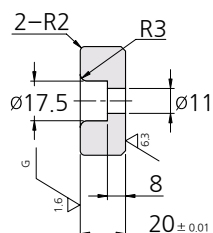
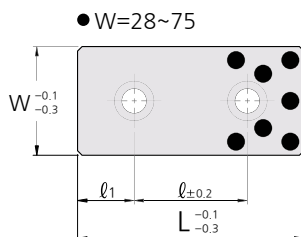
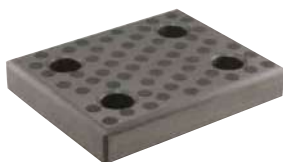
TGPC	41
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GUIDE 부품 – TFW • TFWT WEAR PLATE

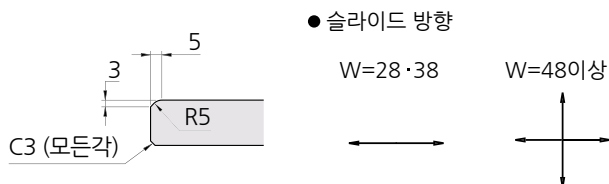
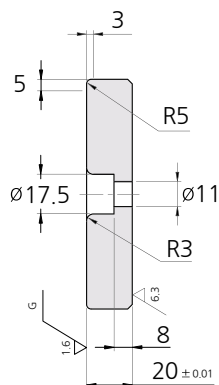
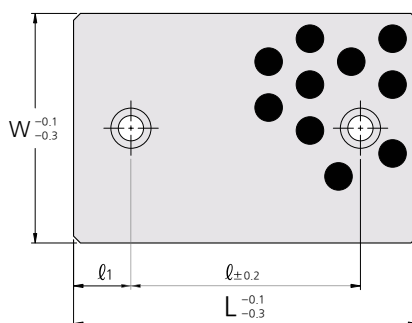
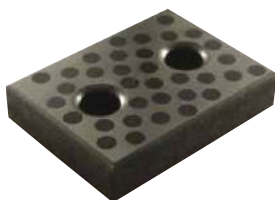
TFW

(FC 스탠다드 타입)



TFWT

(FC 스탠다드, 구멍 2개 타입)



재질 FC250
오일레스 가공



GUIDE 부품 – TFW • TFWT WEAR PLATE

Catalog No.	W	L		w	w_1	ℓ	ℓ_1
		TFW	TFWT				
TFW TFWT	28	75	–	–	–	45	15
		100				50	25
		125				75	
		150				100	
		200				150	
	38	75				45	15
		100				50	25
		125				75	
		150				100	
		200				150	
	48	75				45	15
		100				50	25
		125				75	
		150				100	
		200				150	
	58	75				45	15
		100				50	25
		125				75	
		150				100	
		200				150	
	75	75				25	
		100				50	
		125				75	
		150				100	
		200				150	
	100	100	100	50	25	50	
		125	125			75	
		150	150			100	
		200	200			150	
		250	250			200	
	125	125	125	50	37.5	75	
		150	150			100	
		200	200			150	
		250	250			200	
	150	150	150	100	25	100	
		200	200			150	
		250	250			200	
		300	300			250	
	200	200	–	150	25	150	
		250				200	
		300				250	

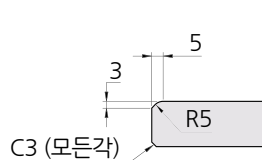
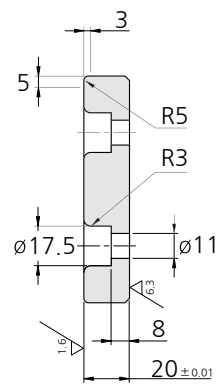
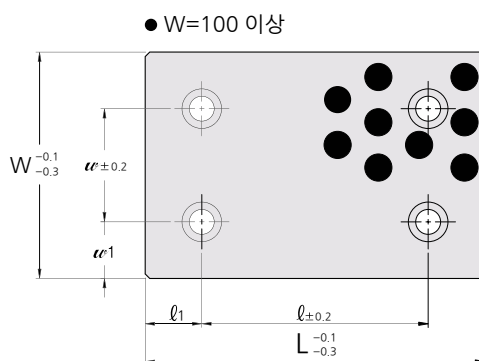
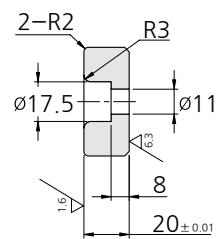
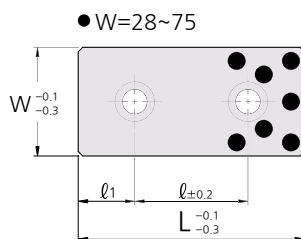
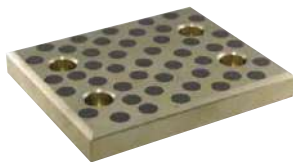
규격표기
방법

Catalog No.	W	–	L
TFW	28	–	75
TFWT	100	–	100



GUIDE 부품 – TSW WEAR PLATE

TSW



● 슬라이드 방향

W=28~38

W=48이상



재질 동합금(SP2)
오일레스 가공

규격표기
방법

Catalog No.
TSW

W - L
100 - 150



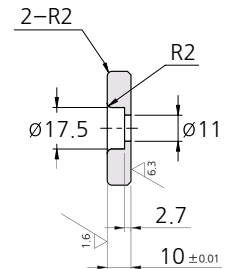
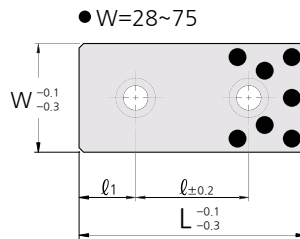
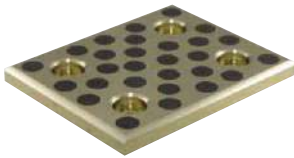
GUIDE 부품 – TSW WEAR PLATE

Catalog No.	W	L	w	w_1	ℓ	ℓ_1	
TSW	28	75	-	-	45	15	
		100			50	25	
		150			100		
	38	75			45	15	
		100			50	25	
		150			100		
	48	75			45	15	
		100			50	25	
		125			75		
		150			100		
		200			150		
	58	75			45	15	
		100			50	25	
		150			100		
	75	75			25		
		100			50		
		125			75		
		150			100		
		200			150		
	100	100	50	25	50		50
		125			75		
		150			100		
		200			150		
		250			200		
		300					
	125	125		37.5	75	25	
		150			100		
		200			150		
		250			200	50	
		300					
		350					
	150	150	100	25	100	25	
		200			150		
		250			200		

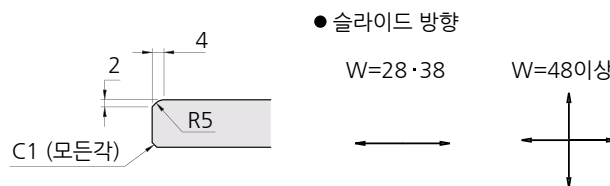
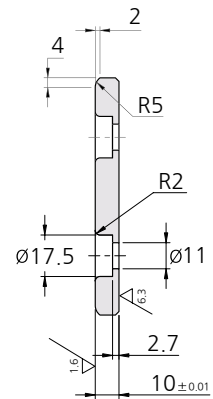
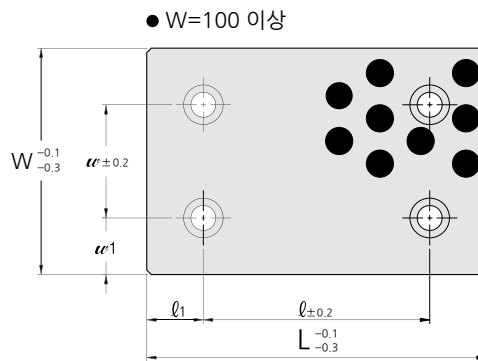


GUIDE 부품 - TTW WEAR PLATE

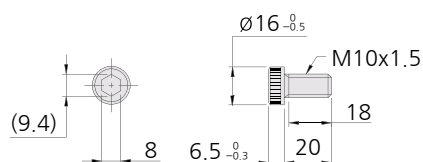
TTW



W=28 2-R2
W38 이상은 W100 이상
R면과 동일



● 특수낮은머리볼트



재질 동합금(SP2)
오일레스 가공
부속품 볼트



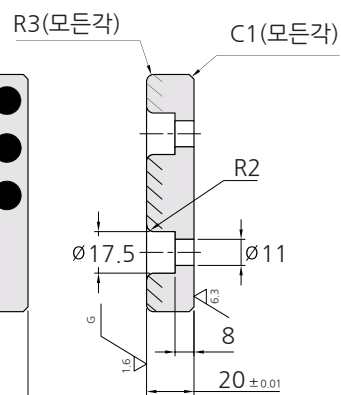
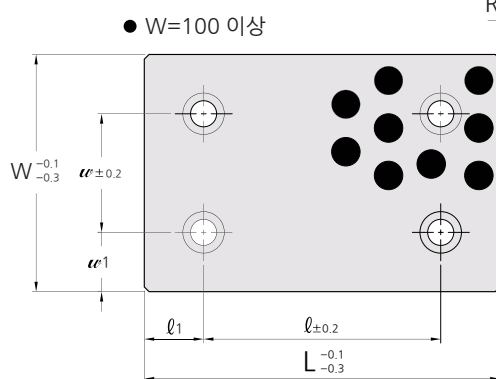
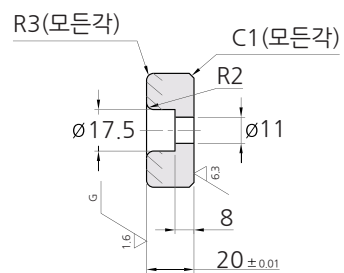
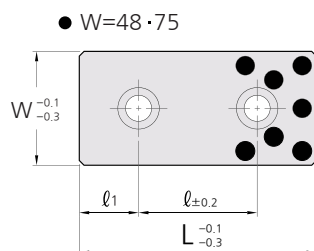
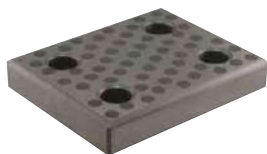
GUIDE 부품 – TTW WEAR PLATE

Catalog No.	W	L	w	w_1	l	l_1
TTW	28	75	-	-	45	15
		100			50	25
		125			75	
		150			100	
	38	75			45	15
		100			50	25
		125			75	
		150			100	
	48	75			45	15
		100			50	25
		125			75	
		150			100	
		200			150	
		250			200	
	75	75			25	
		100			50	
		125			75	
		150			100	
		200			150	
		250			200	
	100	100	50	25	50	
		125			75	
		150			100	
		200			150	
		250			200	
		300			250	
	125	150		37.5	100	
		200			150	
		250			200	
	150	150		25	100	
		200			150	

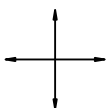
규격표기
방법

Catalog No. W - L
TTW 75 - 150

TFWC



- 슬라이드 방향



재질 S45C
오일레스 가공
경도 HRC 40이상
* 사선 부분은 고주파열처리



GUIDE 부품 – TFWC WEAR PLATE

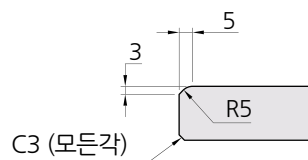
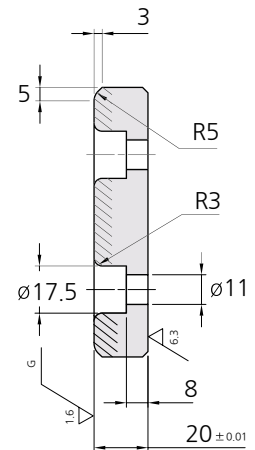
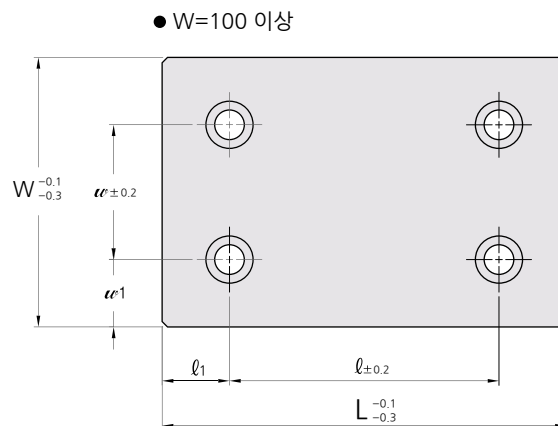
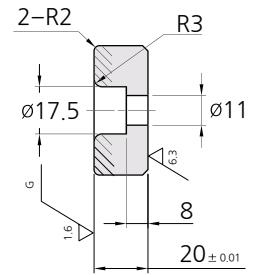
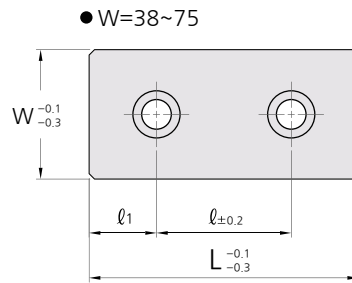
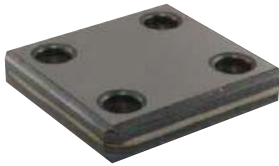
Catalog No.	W	L	w	w_1	ℓ	ℓ_1
TFWC	48	75	-	-	45	15
		100			50	25
		125			75	
		150			100	
		200			150	
	75	75			25	
		100			50	
		125			75	
		150			100	
		200			150	
	100	100	50	25	50	
		125			75	
		150			100	
		200			150	
		250			200	
	125	125		37.5	75	
		150			100	
		200			150	
		250			200	
	150	150	100	25	100	
		200			150	
		250			200	

규격표기 방법 Catalog No. W - L
 TFWC 48 - 75



GUIDE 부품 – TCW WEAR PLATE

TCW



재질 S45C
경도 HRC 55이상
* 사선 부분은 고주파열처리



GUIDE 부품 – TCW WEAR PLATE

Catalog No.	W	L	ω	ω_1	ℓ	ℓ_1
TCW	38	75	-	-	45	15
		100			50	25
		150			100	
	48	75			45	15
		100			50	25
		125			75	
		150			100	
		200			150	
		250			200	
	75	75			25	
		100			50	
		125			75	
		150			100	
		200			150	
		250			200	
	100	100	50	25	50	
		125			75	
		150			100	
		200			150	
		250			200	
	125	125		37.5	75	
		150			100	
		200			150	
		250			200	
	150	150	100	25	100	
		200			150	
		250			200	

규격표기
방법

Catalog No.

W

-

L

TCW

38

-

75

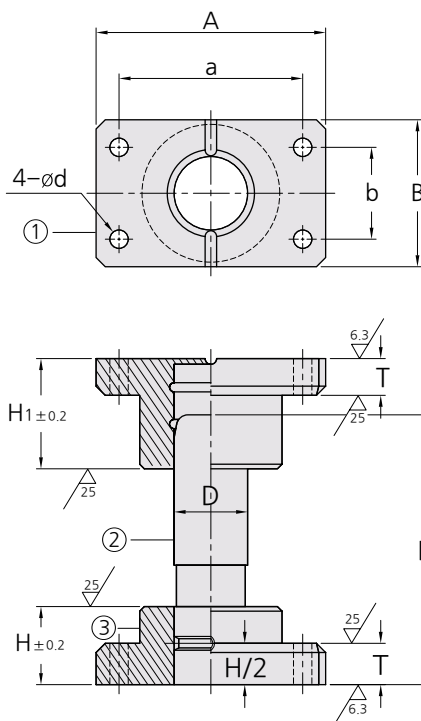


PLAIN GUIDE POST SETS

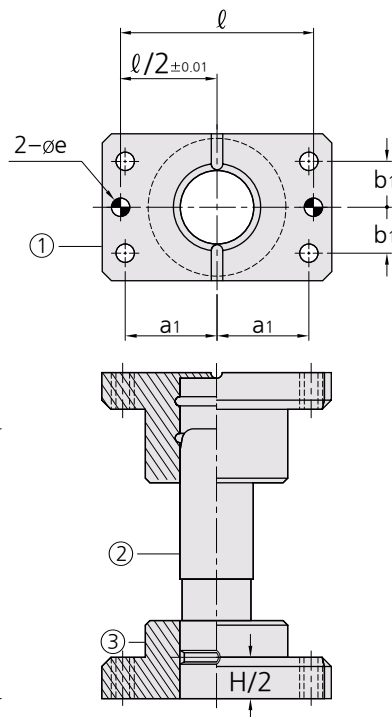
(급유형)



CG (급유형)



CGN (급유형, 맞춤핀 홀 타입)



- ① 재질 FC250
- ② 재질 S45C
경도 HRC55이상(고주파 열처리)
- ③ 재질 FC250

D	A	B	a	b	d	H	H ₁	T	ℓ	a ₁	b ₁	eH7		볼트	맞춤핀	
20	74	44	56	30	6.6	30	40	15	56	±0.010	28	15	6	+0.012 0	CB 6-30	TDP 6-20
25	84	48	66	30	9	30	45	20	66		33	15	8	+0.015 0	CB 8-35	TDP 8-30
32	100	58	76	36	11	40	50	20	76		38	18	8		CB 10-40	TDP 8-30
38	130	75	100	44	11	50	60	25	100		50	22	10		CB 10-45	TDP 10-40
50	155	90	125	60	14	65	85	25	125		62.5	30	10		CB 12-50	TDP 10-40
60	190	120	150	80	18	75	100	30	150	±0.015	75	40	13	+0.018 0	CB 16-60	TDP 13-50
80	230	150	180	110	22	100	130	35	190		90	55	16		CB 20-75	TDP 16-60



GUIDE 부품 – CG • CGN GUIDE POST SETS

Catalog No.		L (선택)
Type	D	
CG CGN	20	80 90 100 110 120
		130 140 150 160
	25	80 90 100 110 120
		130 140 150 160 170 180 200
	32	90 100 110 120 130 140
		150 160 170 180 200 220 250
	38	110 120 130 140 150 160 170 180
		200 220 250 280 300
	50	160 170 180 200 220 250
		280 300 350
	60	180 200 220 250 280 300
		350 400
	80	250 280 300 350
		400 450

규격표기
방법

Catalog No. – L
CG 38 – 120

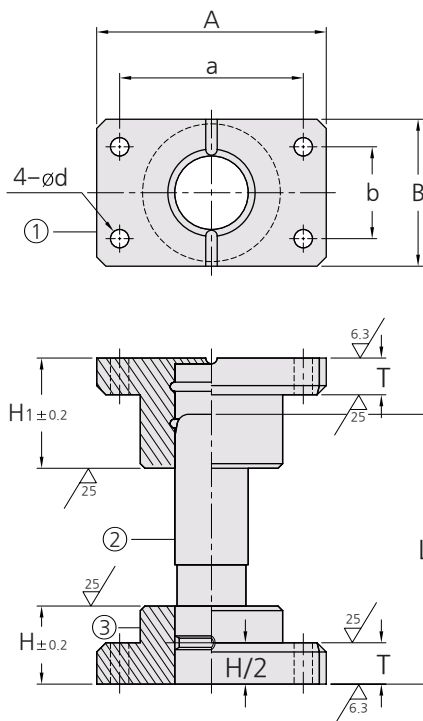


PLAIN GUIDE POST SETS

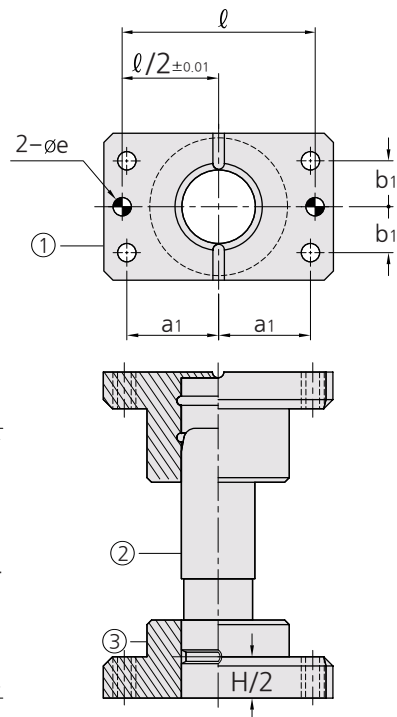
(무급유형)



CGB (무급유형)



CGBA (무급유형, 맞춤핀 홀타입)



- ① 재질 FC250
- ② 재질 S45C
- 경도 HRC55이상(고주파 열처리)
- ③ 재질 FC250

D	A	B	a	b	d	H	H ₁	T	ℓ	a ₁	b ₁	eH7	볼트	맞춤핀		
20	74	44	56	30	6.6	30	40	15	56	±0.010	28	15	6	+0.012 0	CB 6-30	TDP 6-20
25	84	48	66	30	9	30	45	20	66		33	15	8	+0.015 0	CB 8-35	TDP 8-30
32	100	58	76	36	11	40	50	20	76		38	18	8		CB 10-40	TDP 8-30
38	130	75	100	44	11	50	60	25	100		50	22	10		CB 10-45	TDP 10-40
50	155	90	125	60	14	65	85	25	125		62.5	30	10	CB 12-50	TDP 10-40	
60	190	120	150	80	18	75	100	30	150	±0.015	75	40	13	+0.018 0	CB 16-60	TDP 13-50
80	230	150	180	110	22	100	130	35	190		90	55	16	CB 20-75	TDP 16-60	



GUIDE 부품 – CGB • CGBA GUIDE POST SETS

Catalog No.		L (선택)
Type	D	
CGB CGBA	20	80 90 100 110 120 130 140 150 160
	25	80 90 100 110 120 130 140 150 160 170 180 200
	32	90 100 110 120 130 140 150 160 170 180 200 220 250
	38	110 120 130 140 150 160 170 180 200 220 250 280 300
	50	160 170 180 200 220 250 280 300 350
	60	180 200 220 250 280 300 350 400
	80	250 280 300 350 400 450

규격표기 방법 Catalog No. – L
CGB 38 – 120

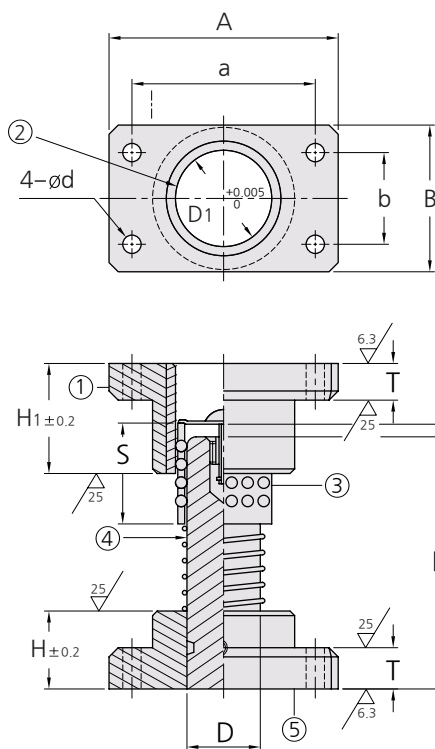


BALL GUIDE POST SETS

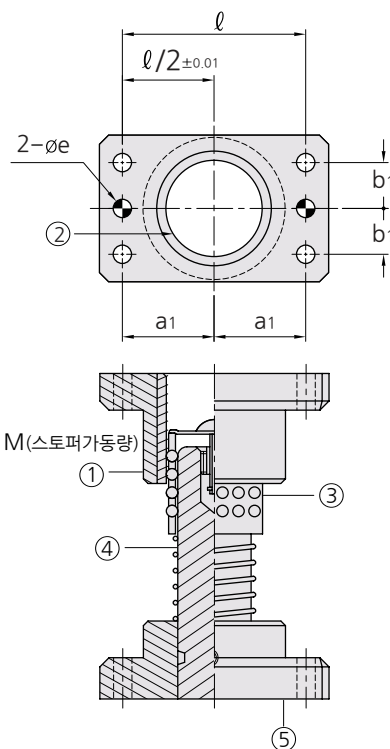
(가동 스토퍼)



CGA



CGAN (맞춤핀 홀 타입)



- ①, ⑤재질 FC250
- ②재질 SUJ2
- 경도 HRC 58이상
- ③재질 A5052S
- ④재질 SUJ2
- 경도 HRC 58이상
- (고주파 열처리)

D	D ₁	A	B	a	b	d	H	H ₁	T	S	M	ℓ	a ₁	b ₁	e _{H7}		볼트	맞춤핀
20	26	74	44	56	30	6.6	30	50	15	50	0~20	56	28	15	6	+0.012 0	CB 6-30	TDP 6-20
25	31	84	48	66	30	9	30	50	20	50	0~20	66	33	15	8	+0.015 0	CB 8-35	TDP 8-30
32	40	100	58	76	36	11	40	60	20	60	0~25	76	38	18	8		CB 10-40	TDP 8-30
38	48	130	75	100	44	11	50	70	25	70	0~29	100	50	22	10		CB 10-45	TDP 10-40
50	60	155	90	125	60	14	65	90	25	90	0~42	125	62.5	30	10		CB 12-50	TDP 10-40



GUIDE 부품 – CGA • CGAN GUIDE POST SETS

Catalog No.		L (선택)
Type	D	
CGA CGAN	20	90 100 110 120
		130 140 150 160
	25	90 100 110 120
		130 140 150 160
		170 180 200
	32	110 120 130 140 150
		160 170 180 200
		220 240 260
	38	130 140 150 160
		170 180 200 220
		240 260 300
	50	170 180 200
		220 240 260
		300 350

규격표기
방법

Catalog No. – L
CGAN 50 – 220

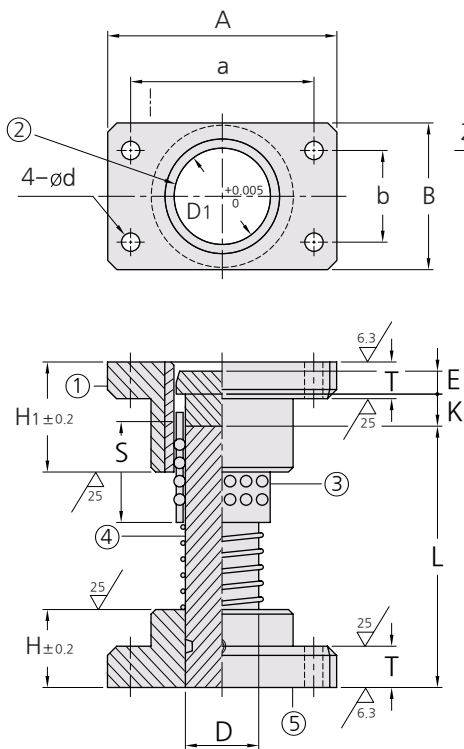


BALL GUIDE POST SETS

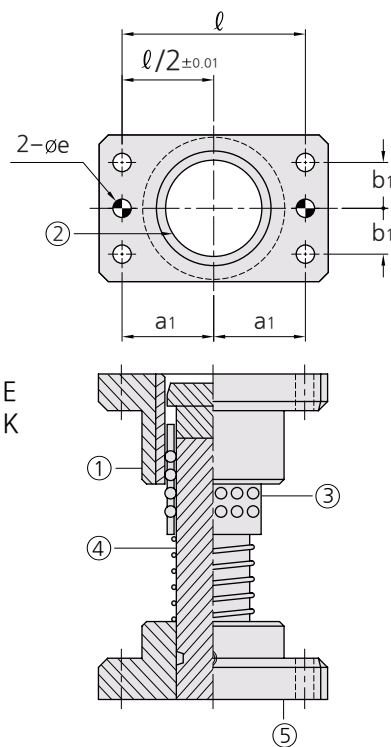
(고정 스토퍼)



CGAK



CGAKN (맞춤핀 홀 타입)



- ①, ⑤ 재질 FC250
- ② 재질 SUJ2
경도 HRC 58이상
- ③ 재질 A5052S
- ④ 재질 SUJ2
경도 HRC 58이상

D	D1	A	B	a	b	d	H	H1	T	K	E	S	ℓ	a1	b1	e _{H7}	볼트	맞춤핀
25	31	84	48	66	30	9	30	50	20	20	5	50	66	33	15	8	CB 8-35	TDP 8-30
32	40	100	58	76	36	11	40	60	20	25	5	60	76	38	18	8	CB 10-40	TDP 8-30
38	48	130	75	100	44	11	50	70	25	30	10	70	100	50	22	10	CB 10-45	TDP 10-40
50	60	155	90	125	60	14	65	90	25	40	10	90	125	62.5	30	10	CB 12-50	TDP 10-40
60	70	190	120	150	80	18	75	100	30	50	15	100	150	75	40	13	CB 16-60	TDP 13-50
80	90	230	150	180	110	22	100	130	35	60	15	130	190	90	55	16	CB 20-75	TDP 16-60



GUIDE 부품 – CGAK • CGAKN GUIDE POST SETS

Catalog No.		L (선택)
Type	D	
CGAK CGAKN	25	90 100 110 120
		130 140 150 160
		170 180 200
	32	110 120 130 140 150
		160 170 180 200
		220 240 260
	38	130 140 150 160
		170 180 200 220
		240 260 300
	50	170 180 200
		220 240 260
		300 350
	60	200 220
		240 260
		300 350

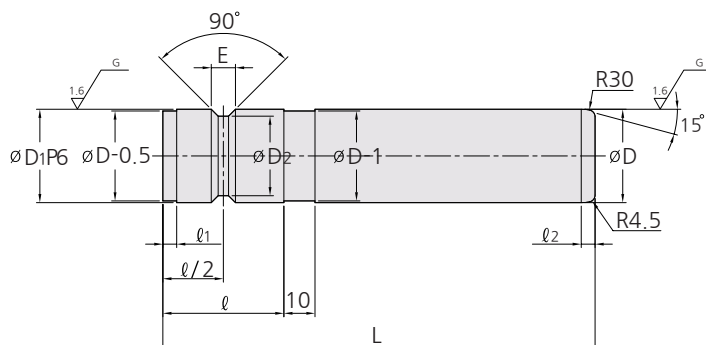
규격표기
방법

–
 CGAK 25 – 110



GUIDE 부품 – TGP GUIDE POST

TGP



재질 S45C
경도 HRC 55~60

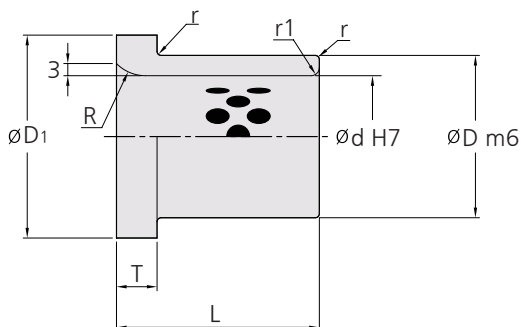
D공차		D1	P6	D2	ℓ	ℓ1	ℓ2	E	Catalog No.	D	L					
25	-0.005 -0.015	25	+0.035 +0.022	21	30	5	5	8	TGP	25	80					
											100					
											120					
30		30		+0.042 +0.026	26					40	5	5	8	30	100	
															120	
															140	
40		40	+0.042 +0.026		36					50	10	10	10	40	120	
															140	
						160										
50		50		+0.051 +0.032	45	70	10	10		12				50	160	
															200	
															250	
60		-0.010 -0.020	60		+0.051 +0.032	55	90	10		10				12	60	200
																250
											300					
				350												
65	65	+0.059 +0.037	60	100		10	10				12	65	250			
													300			
													350			
80	-0.010 -0.025		80	+0.059 +0.037		75	120				10	10	12		80	250
																300
																350
		400														
100	100	+0.059 +0.037	95			150	10								10	12
					350											
					400											

규격표기 방법 Catalog No. TGP D 50 - L 250



GUIDE 부품 – TBSF GUIDE BUSH

TBSF



● 슬라이드 방향



재질 동합금(SP2)
오일레스 가공

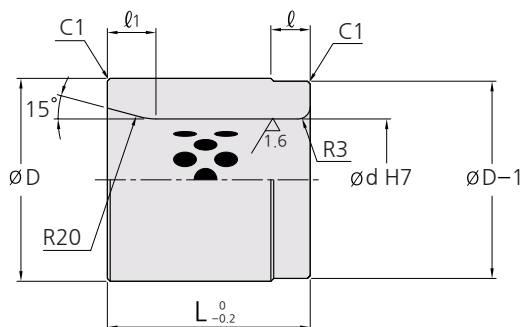
d	H7	D	m6	D1	T	R	r	r1	Catalog No.	d	L
25	+0.021 0	35	+0.025 +0.009	45	7	10	1	2	TBSF	25	40
30		40		50	10					30	50
40	+0.025 0	55	+0.030 +0.011	65		40	70				
50		65		75			50			80	
60	+0.030 0	75		85		60					120
65		80		90			80			140	
80		100	+0.035 +0.013	110		100					100
100	+0.035 0	120		130			100			140	

규격표기 방법 Catalog No. d - L
TBSF 50 - 80



GUIDE 부품 – TBS • TBF GUIDE BUSH

TBS (동합금 타입)



TBF (FC 타입)



● 슬라이드 방향



재질
TBS 동합금(SP2)
오일레스 가공
TBF FC250
오일레스 가공

d		H7	D		공차	L	ℓ	ℓ ₁	Catalog No.	d
25	+0.021 0	40	±0.008	40	10	5	TBS TBF	25		
30		50		50					30	
35	+0.025 0	60	±0.0095	55	15				35	
40				60	10				40	
50		70		75	15				50	
60	+0.030 0	80	±0.011	90	20	10			60	
80		100		120	25				80	
100	+0.035 0	120	±0.0125	150					100	
120		140		180					120	

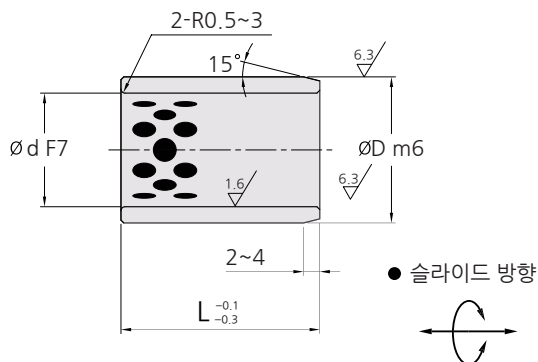
규격표기
방법

Catalog No. – d
TBS – 50



GUIDE 부품 – TOB GUIDE BUSH

TOB



- 상대공차
d8 : 일반용(고부하)
e7 : 일반용(경부하)
f7 : 정밀공정용
- 가공공차 H7
재질 동합금(SP2)
오일레스 가공

d		F7	D	m6	Catalog No.	d	D	L
8		+0.028 +0.013	12		TOB	8	12	8
								10
								12
								15
10		+0.028 +0.013	14	+0.018 +0.007		10	14	8
								10
								12
								15
12			18			12	18	20
								10
								12
								15
								16
								20
13		+0.034 +0.016	19			13	19	25
								30
								10
								15
14			20	+0.021 +0.008		14	20	16
								20
								10
								12
								15
								20
15			21			15	21	25
								30
								10
								12
								15



GUIDE 부품 – TOB GUIDE BUSH

d	F7	D	m6	Catalog No.	d	D	L
15	+0.034 +0.016	21	+0.021 +0.008	TOB	15	21	16
							20
							25
							30
16		16			22	10	
						12	
						15	
						16	
						19	
						20	
						25	
						30	
17		17			23	35	
						40	
18		18			24	15	
						12	
						15	
						16	
						20	
						25	
						30	
						35	
19		19			26	40	
						15	
	20						
	25						
20	+0.041 +0.020	28			20	28	10
							12
							15
							16
							19
							20
							25
							30
		30				30	35
							40
							50
							16
							20
							25
							30
			35				
40							



GUIDE 부품 – TOB GUIDE BUSH

d		F7		D	m6		Catalog No.	d	D	L
22		32			+0.025 +0.009	TOB	22	32	12	
									15	
									20	
									25	
25		33					12			
							15			
							16			
							20			
							25			
							30			
							35			
							40			
							50			
							60			
							35	12		
								15		
16										
20										
25										
30										
35										
40										
28	38	50								
		20								
		25								
		30								
30	40	40								
		12								
		15								
		20								
		25								
		30								
		35								
		40								
	40	50								
		60								
		20								
		25								
		30								
		35								
		40								
		50								
60										



GUIDE 부품 – TOB GUIDE BUSH

d	F7	D	m6	Catalog No.	d	D	L
31.5	+0.050 +0.025	40	+0.025 +0.009	TOB	31.5	40	30
32		42			32	42	40
							30
35		44			35	44	25
							30
							35
							40
							50
							60
							45
		25					
		30					
		35					
		38				48	38
30							
40		50			40	50	20
							25
							30
							35
							40
							50
							60
							70
		55				55	80
							25
30							
35							
40							
50							
60							
30							
35							
40							
45			56		45		56
		60					
		30					
		35					
		40					
	50						
	60						



GUIDE 부품 – TOB GUIDE BUSH

d	F7	D	m6	Catalog No.	d	D	L
45	+0.050 +0.025	60	+0.030 +0.011	TOB	45	60	30
							35
							40
							50
							60
							70
50		62			80		
					30		
					35		
					40		
					50		
					60		
					70		
					80		
					30		
					35		
					40		
					50		
					60		
					70		
55		70			80		
					30		
					40		
					50		
					60		
					70		
60		74			100		
					40		
					50		
					60		
					70		
	80						
	75	75	30				
			35				
			40				
			50				
			60				
			70				
			80				
			100				



GUIDE 부품 – TOB GUIDE BUSH

d	F7	D	m6	Catalog No.	d	D	L
63	+0.060 +0.030	75	+0.030 +0.011	TOB	63	75	60
							70
							80
65		80			50		
					60		
					70		
80		70	85		35		
40							
50							
60							
70							
80							
100			90		50		
60							
70							
70		90	80				
			60				
			70				
			80				
			100				
			60				
75		75	95		70		
					80		
					100		
			96		40		
					50		
					60		
80		80	100		70		
					60		
					70		
	80						
	100						
	120						
85	85	100	40				
			50				
			60				
			70				
			80				
			100				
						120	
						140	
						80	



GUIDE 부품 – TOB GUIDE BUSH

d		F7	D	m6	Catalog No.	d	D	L
90	+0.071 +0.036	110	+0.035 +0.013	TOB	90	110	30	
							50	
							60	
							70	
							80	
							100	
120								
100		120			60			
					70			
					80			
					100			
					120			
	140							
110	130	80						
		100						
		120						
120		140	80					
			100					
			120					
	140							
125	+0.083 +0.043	145	+0.040 +0.015		125	145	100	
							120	
130		150			130	150	100	
							130	
140		160		140	160	100		
						140		
150		170		150	170	100		
						150		
160		180		160	180	100		
						150		

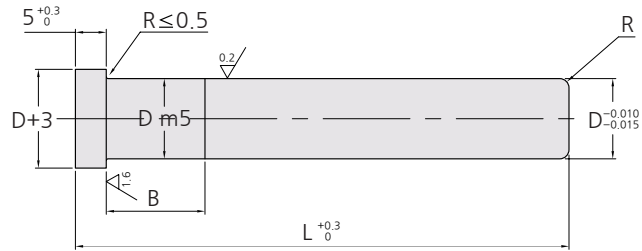
규격표기
방법

Catalog No. d – D – L
TOB 35 – 45 – 25



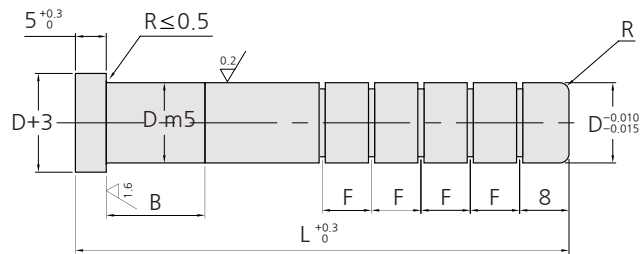
GUIDE 부품 – TSPH • TSOH GUIDE PIN

TSPH



재질 SUJ2
경도 HRC 58이상

TSOH (급유형)



D	n							
	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	

* L = 40 ~ 119.5 → F = 8
L = 120 ~ L(C)max. → F = 10

재질 SUJ2
경도 HRC 58이상

규격표기 방법 Catalog No. - L
 TSOH 16 - 100

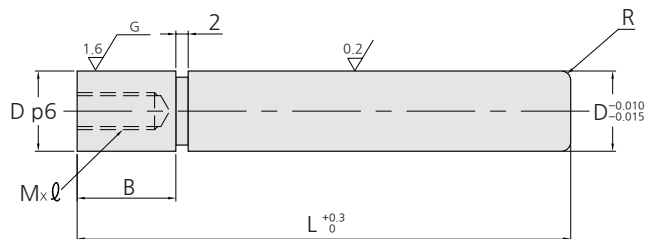


Dm5		R	B	CatalogNo.		L									
				Type	D										
8	+0.012 +0.006	1.0	10	TSPH TSOH	8	40	50	60	70	80					
10			13		10	40	50	60	70	80	90	100			
13	+0.015 +0.007	1.5	16		13	40	50	60	70	80	90	100	110	120	
16			20		16		50	60	70	80	90	100	110	120	130 140
20	+0.017 +0.008	2.0	25		20			60	70	80	90	100	110	120	130 140
25			28		25				70	80	90	100	110	120	130 140



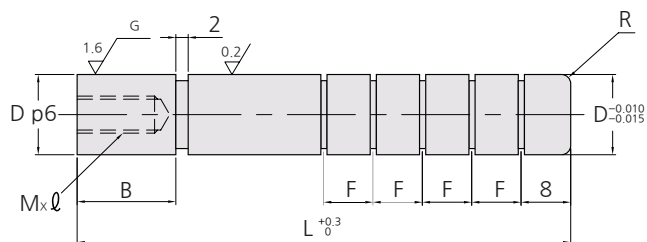
GUIDE 부품 – TSPN • TSON GUIDE PIN

TSPN



재질 SUJ2
경도 HRC58 이상

TSON (급유형)



D \ L	n							
	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	

* L = 40 ~ 119.5 → F = 8
L = 120 ~ L(C)max. → F = 10

재질 SUJ2
경도 HRC58 이상

규격표기
방법

Catalog No. - L
TSPN 16 - 120

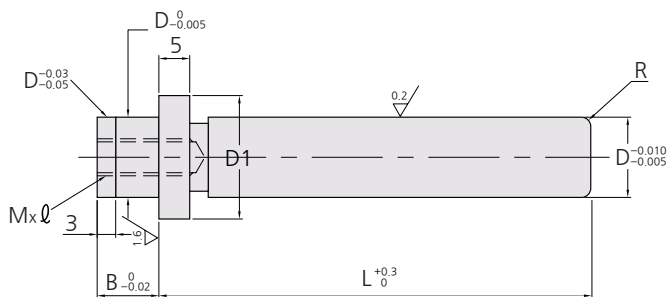


D _{p6}		Mxℓ Pitch	R	B	Catalog No.		L
					Type	D	
8	+0.024 +0.015	M5x12mm P0.8	1.0	10	TSPH TSON	8	40 50 60 70 80
10				13		10	40 50 60 70 80 90 100
13	+0.029 +0.018	M6x15mm P1.0	1.5	16		13	40 50 60 70 80 90 100 110 120
16				20		16	50 60 70 80 90 100 110 120
20	+0.035 +0.022	M8x20mm P1.25	2.0	25		20	60 70 80 90 100 110 120 130 140
25				28		25	70 80 90 100 110 120 130 140



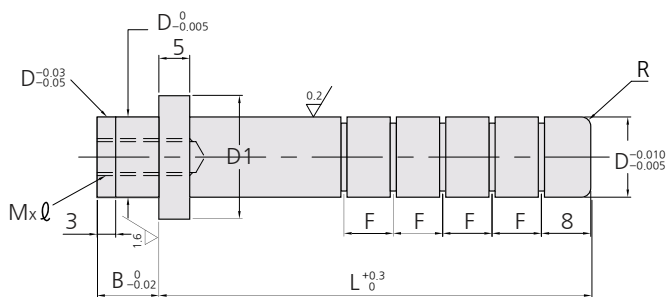
GUIDE 부품 – TSPR • TSOR GUIDE PIN

TSPR



재질 SUJ2
경도 HRC58 이상

TSOR (급유형)



D	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

* $L = 40 \sim 119.5 \rightarrow F = 8$
 $L = 120 \sim L(C)_{max} \rightarrow F = 10$

재질 SUJ2
경도 HRC58 이상

규격표기
방법

Catalog No. - L
TSPR 16 - 110

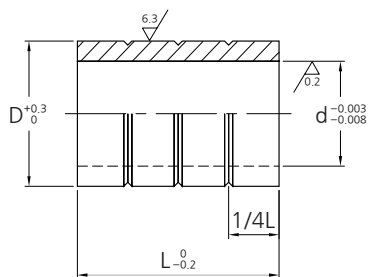


Mxℓ Pitch	R	B	Catalog No.		D ₁	L											
			Type	D													
M5x12mm P0.8	1	8	TSPH TSOH	8	13	30	40	50	60	70							
				10	16	30	40	50	60	70	80						
M6x15mm P1.0	1.5	10		13	20	40		50	60	70	80	90	100				
				16	23	40		50	60	70	80	90	100	110	120		
M8x20mm P1.25	2	13		20	27	50			60	70	80	90	100	110	120		
		16		25	32	60			70	80	90	100	110	120			



TSBD

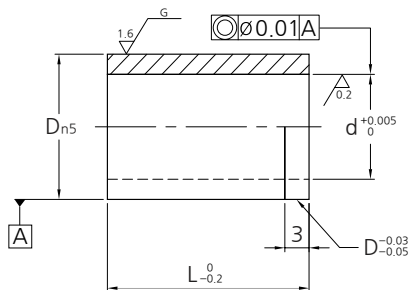
(데브콘 접착타입)



재질 SUJ2
경도 HRC58 이상

TSBA

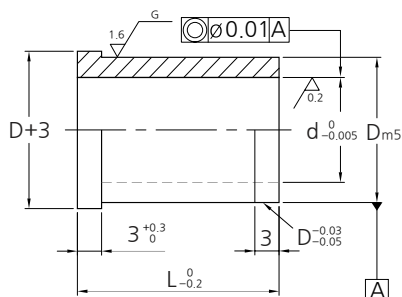
(압입타입)



재질 SUJ2
경도 HRC58 이상

TSBH

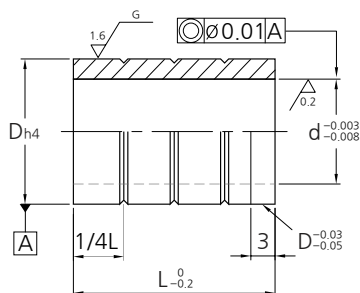
(압입타입)



재질 SUJ2
경도 HRC58 이상

TSBL

(록타이트 접착타입)



재질 SUJ2
경도 HRC58 이상



D _h 4		Catalog No.		L							
		Type	d								
12	0 -0.005	TSBL	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				20	22	25	30

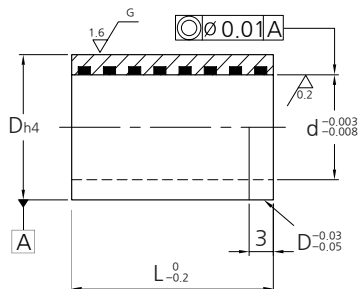
16



GUIDE 부품 – TSBZ • TSHZ • TSSF • TSHF PIN BUSH

TSBZ

(무급유, 록타이트 접착타입)

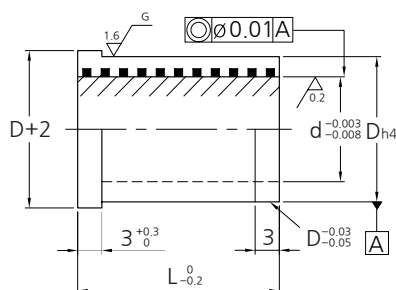


* MoS₂ : 이류화 몰리브덴

재질 FC250
MOS₂

TSHZ

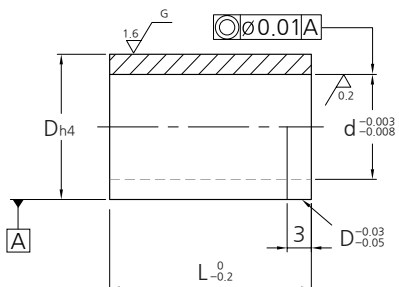
(무급유, 록타이트 접착타입)



재질 FC250
MOS₂

TSSF

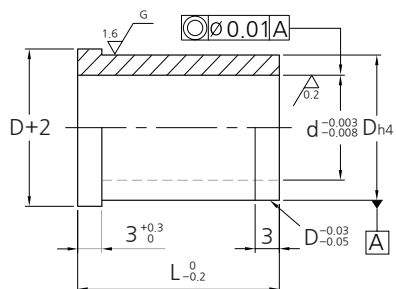
(동합금, 급유, 록타이트 접착타입)



재질 SUJ2+동합금
경도 HRC 45

TSHF

(동합금, 급유, 록타이트 접착타입)



재질 SUJ2+동합금
경도 HRC 45



GUIDE 부품 – TSBZ • TSHZ • TSSF • TSHF PIN BUSH

Dh4		Catalog No.		L					
		Type	d						
13	0	TSBZ	8	10	13	16	20		
16	-0.005		10	10	13	16	20	22	25
20	0		13		13	16	20	22	25 30
24	-0.006		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

Dh4		Catalog No.		L					
		Type	d						
13	0	TSHZ	8	10	13	16	20		
16	-0.005		10	10	13	16	20	22	25
20	0		13		13	16	20	22	25 30
24	-0.006		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

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

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

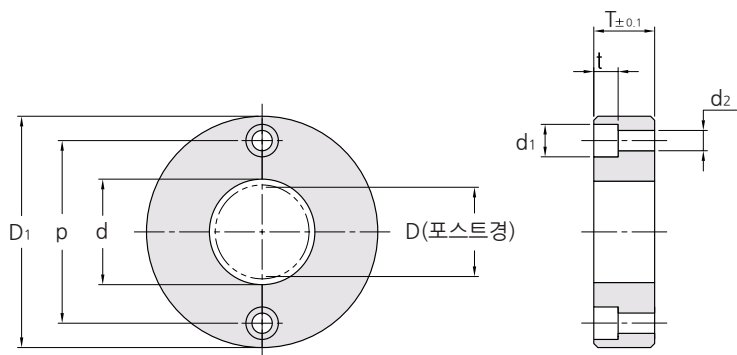
규격표기
방법

Catalog No. – L
TSHZ 10 – 16

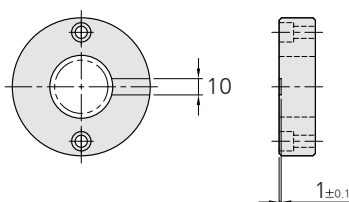


GUIDE 부품 – TSBG STROKE END BLOCK

TSBG



옵션코드	사양
SH	동일한 높이를 원할 경우, 동시연마 가공. 공차 ± 0.01
A	셀팅높이 체크용 홈. 밑의 도면 참조.



재 질 SS400
부속품 장착볼트

규격표기
방법

Catalog No. D - T - 보안색
TSBG 50 - 30 - Y

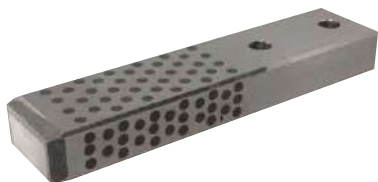


GUIDE 부품 – TSBG STROKE END BLOCK

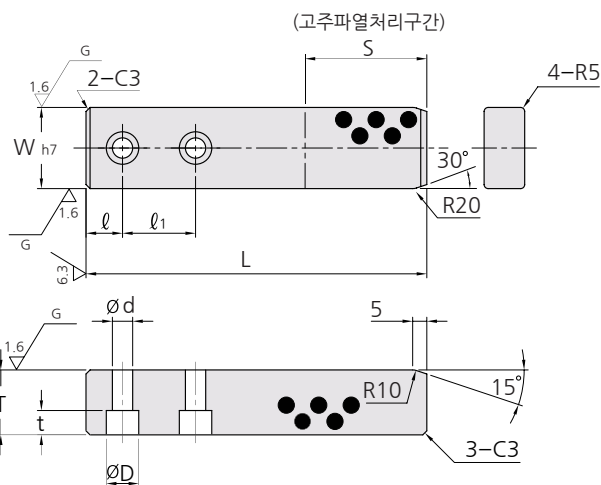
D	D ₁	d	P	d ₁	d ₂	t	ℓ	MxP
40	95	43	75	14	9	10	10	M8 x1.25
50	115	53	90	18	11	12	17	M10 x1.5
60	125	63	100					
80	150	83	120	20	13	15	20	M12 x1.75

Catalog No.	D	T	보안색
TSBG	40	20	R (빨간색)
	50	25	
	60	30	
	80	35	Y (노란색)
		40	

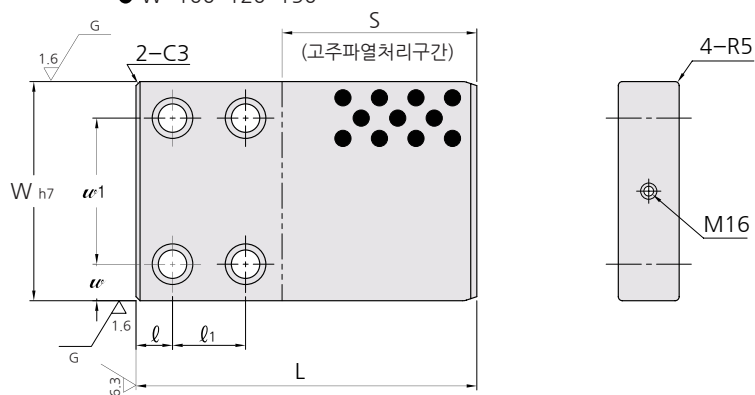
TGPC



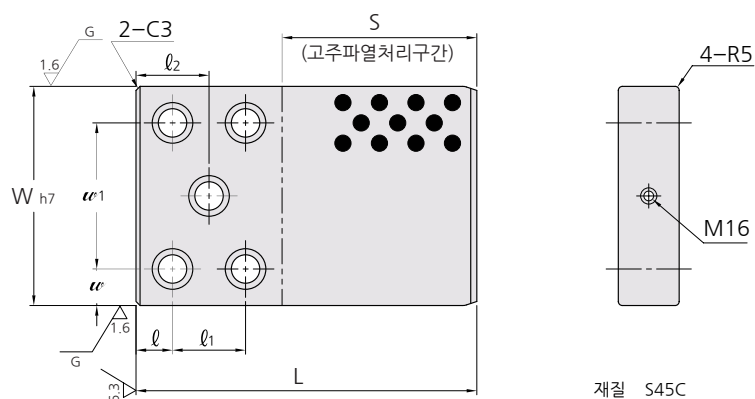
- $W=50 \cdot 70$



- $W=100 \cdot 120 \cdot 150$



- $W=180$



- 슬라이드 방향



재질 S45C
오일레스 가공
경도 HRC 40이상



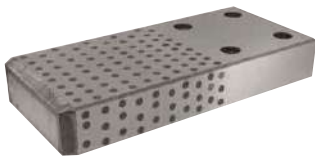
GUIDE 부품 – TGPC GUIDE BAR

W		h7	ℓ	ℓ1	ℓ2	ℓ'	ℓ'1	D	d	t	S	T	Catalog No.	W	L					
50	0 −0.025	20	50	−	−	−	26	18	18	60	30	TGPC	50	160						
			80							120				200						
														260						
70	0 −0.030	25	60							−	−			26	18	18	100	35	70	230
			75														160			260
			150																	300
						350														
100	0 −0.035	30	60		−	20	60	32	22	22	100		45	100	230					
			100								160				280					
			120								200				330					
60			100								390									
100			160								230									
120			200	280																
120			100	160	330															
			120	200	390															
	150		0 −0.040	60	30	90	32				22		22	160	50	150	280			
				80													190	330		
140																	390			
180																	430			
180	60			60			120				32		22	22	160	55	180	280		
	80			70														330		
	140			100	190	390														
	180			120		430														
	200			130	200	480														
	225			143	250	550														

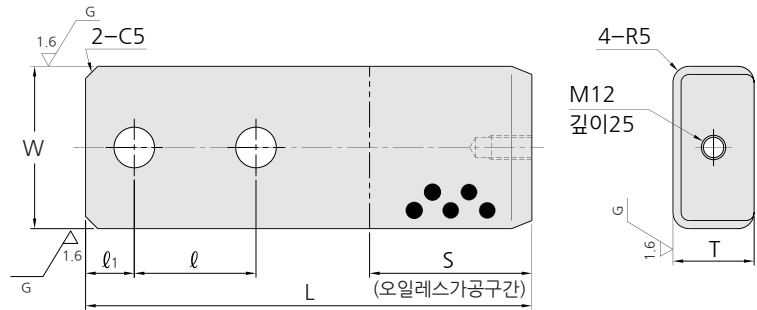
규격표기 방법 Catalog No. W - L
 TGPC 50 - 160



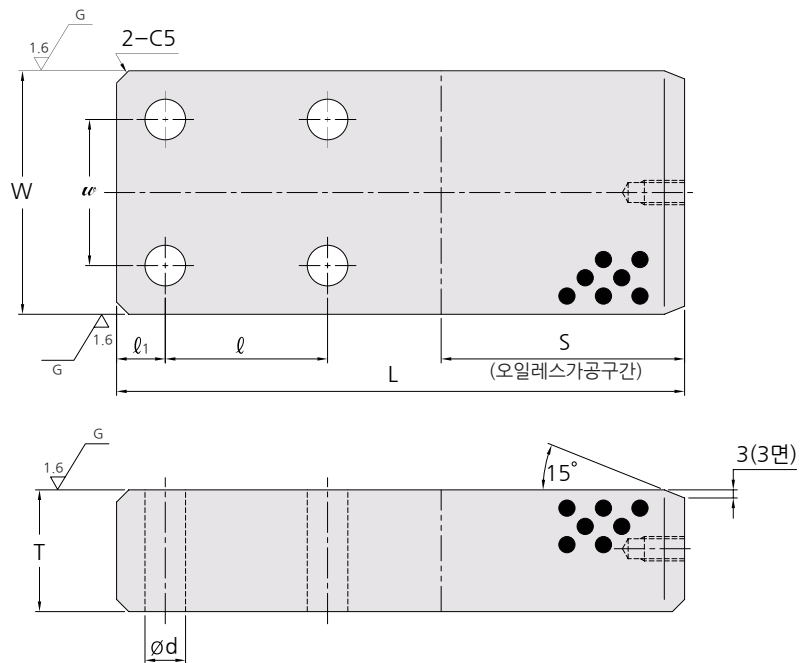
TGPA



● W=80・90



● W=120이상



● 슬라이드 방향



재질 FC250
오일레스 가공



GUIDE 부품 – TGPA GUIDE BAR

W		公差	w	ℓ	ℓ_1	S	d	T	Catalog No.	W	L
80	0 -0.025	-	-	60	25	80	22	40	TGPA	80	220
				70							260
				60							300
90				60						90	220
				70							260
				60							300
120	0 -0.035	70	80	120	60	120	280				
			100				340				
			80				380				
130			80			130	280				
			100				340				
			100				380				
150	0 -0.040	100	110	30	130	26	75	150		340	
										380	
										430	
160								160		340	
										380	
										430	
180	0 -0.046	120	130	140	90	180	340				
							380				
							430				
190						190	340				
							380				
							430				

규격표기
방법

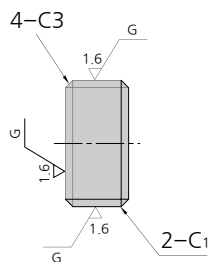
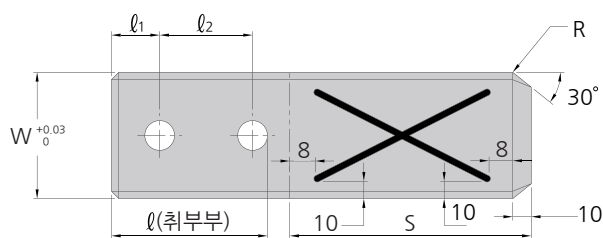
Catalog No. W - L
TGPA 80 - 220



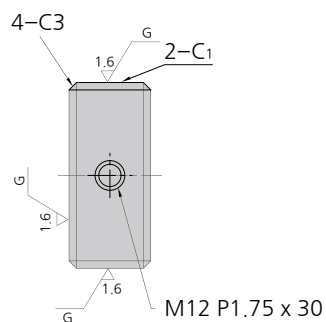
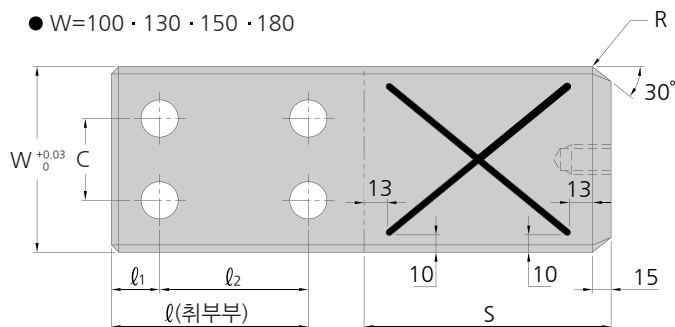
TGPO



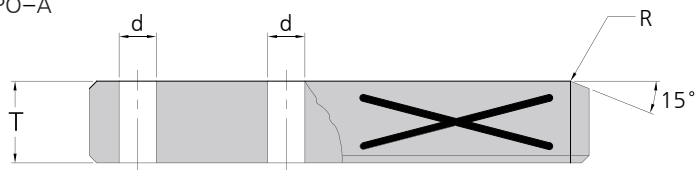
● W=50 · 70



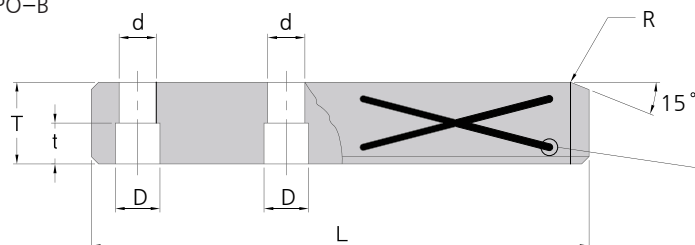
● W=100 · 130 · 150 · 180



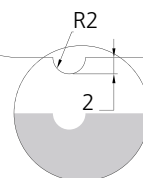
TGPO-A



TGPO-B



* 사이즈에 따라 크기, 배치가 달라질 수 있음.



재질 S45C
경도 HRC 55이상
(고주파 열처리)
(S부위)



GUIDE 부품 – TGPO GUIDE BAR

T	TGPO							Catalog No.		S	L 지정10mm단위
	ℓ	ℓ_1	ℓ_2	C	d	D	t	Type	W		
30	90	20	50	–	18	26	18	TGPO	50	60	150~180
										90	190~250
35	110	25	60	–					70	90	200~250
					120	230~350					
45	150	30	90	60	100	120	270~320				
						180	330~400				
50	150	30	90	80	22	32	22		130	150	300~380
	180		120							210	390~500
60	160	35	90	100	22	32	22		150	180	340~450
	220		150							240	460~550
	180		110							120	180

규격표기
 방법

Catalog No.	S	–	L
TGPO	210	–	390