

OIL-FREE SINGLE HEEL GUIDE RAILS

—BOLT HOLE PITCH DESIGNATION TYPE (HEEL HEIGHT 5mm / COPPER ALLOY)—

OIL-FREE SINGLE HEEL GUIDE RAILS

—BOLT HOLE PITCH DESIGNATION TYPE (HEEL HEIGHT 8mm / COPPER ALLOY)—

Ⓜ Non JIS material definition is listed on P.1351 - 1352

RoHS

■ Mounting bolt hole : 2 [2H]

■ Mounting bolt hole : 3 [3H]

■ Mounting bolt hole : 4 [4H]

■ Table for Bolt Hole Size

W	T	d1	d2	t1	ω1
12.5	12.5	8	4.5	5	5
	15				
	20				
15	15	9.5	5.5	6	6
	20				
	25				
	30				
20	15	11	6.5	7	9
	20				
	25				
	30				
	35				
25	20	14	9	9	10
	25				
	30				
	35				

Ⓜ All corners $C \leq 1$ unless specified.
Ⓜ Keep temperature under 80°C or lower.

Part Number **M**

GR5ZF Grade-4 high strength brass (CAC304) (Old JIS : HBsC4) Special solid lubricant embedded

Part Number	Type	No. (Bolt hole)	W	T Selection	L	Bolt hole pitch 0.5mm increments											
						10mm increments		20mm increments		A		B		C		D	
						min.	max.	min.	max.	min.	max.	min.	max.	min.	max.		
GR5ZF (Copper alloy CAC304)	2H	12.5	15	2H 12.5	40~70	6	B-10	A+10	2H L-6	B+10	3H L-6	C+10	4H L-6				
				2H 15	40~70				3H C-10		4H D-10						
				3H 20	60~100				4H C-10								
				4H 20	100												
		15	2H 15	40~70	7	B-11.5	A+11.5	2H L-7	B+11.5	3H L-7	C+11.5	4H L-7					
			3H 20	60~150				3H C-11.5		4H D-11.5							
			4H 20	100~150				4H C-11.5									
			2H 25	40~150													
	3H	15	20	25	3H 150~150	3H 160~200	7.5	B-13	A+13	3H L-7.5	B+13	3H L-7.5	C+13	4H L-7.5			
					4H 160~200					4H C-13		4H D-13					
					2H 25	40~150											
					3H 30	100~150				3H 160~200							
	4H	20	25	30	4H 160~200		9	B-16	A+16	2H L-9	B+16	3H L-9	C+16	4H L-9			
					2H 40~150					3H C-16		4H D-16					
					3H 100~150	3H 160~200				4H C-16							
					4H 160~200												
25	20	25	30	2H 40~150		9	B-16	A+16	2H L-9	B+16	3H L-9	C+16	4H L-9				
				3H 100~150	3H 160~200				4H C-16		4H D-16						
				4H 160~200													
				2H 30	100~150				3H 160~200								

Order

Part Number	T	L	A	B	C	D
2H GR5ZF-2H12.5	15	70	A13.0	B52.0		
3H GR5ZF-3H12.5	15	70	A13.0	B29.0	C59.0	
4H GR5ZF-4H12.5	15	100	A13.0	B29.0	C69.0	D90.0

Days to Ship **Quotation**

Price **Quotation**

Alterations

Part Number	T	L	A	B	(MC · CC)
GR5ZF-2H12.5	15	70	A13.0	B52.0	CC5

Quotation

Alterations	Code	Spec.	1Code
	MC	Change to tap hole Details P.684	Quotation
	CC	C chamfering Details P.684	

RoHS

■ Mounting bolt hole : 2 [2H]

■ Mounting bolt hole : 3 [3H]

■ Mounting bolt hole : 4 [4H]

■ Table for Bolt Hole Size

W	T	d1	d2	t1	ω1
12.5	15	8	4.5	5	5
	20				
	30				
15	15	9.5	5.5	6	6
	20				
	25				
	30				
20	15	11	6.5	7	9
	20				
	25				
	30				
	35				
25	20	14	9	9	10
	25				
	30				
	35				

Ⓜ All corners $C \leq 1$ unless specified.
Ⓜ Keep temperature under 80°C or lower.

Part Number **M**

GR8ZF Grade-4 high strength brass (CAC304) (Old JIS : HBsC4) Special solid lubricant embedded

Part Number	Type	No. (Bolt hole)	W	T Selection	L	Bolt hole pitch 0.5mm increments											
						10mm increments		20mm increments		A		B		C		D	
						min.	max.	min.	max.	min.	max.	min.	max.	min.	max.		
GR8ZF (Copper alloy CAC304)	2H	12.5	15	2H 12.5	40~70	6	B-10	A+10	2H L-6	B+10	3H L-6	C+10	4H L-6				
				2H 20	60~100				3H C-10		4H D-10						
				3H 20	100				4H C-10								
				4H 20	100~150												
		15	2H 15	40~70	7	B-11.5	A+11.5	2H L-7	B+11.5	3H L-7	C+11.5	4H L-7					
			3H 20	60~150				3H C-11.5		4H D-11.5							
			4H 20	100~150				4H C-11.5									
			2H 30	120~160				4H 120~200									
	3H	15	20	25	3H 100~150	3H 160~200	7.5	B-13	A+13	2H L-7.5	B+13	3H L-7.5	C+13	4H L-7.5			
					4H 160~200					4H C-13		4H D-13					
					2H 25	40~150											
					3H 30	100~150				3H 160~200							
	4H	20	25	30	4H 160~200		9	B-16	A+16	2H L-9	B+16	3H L-9	C+16	4H L-9			
					2H 40~150					3H C-13		4H D-13					
					3H 100~150	3H 160~200				4H C-13							
					4H 160~200												
25	20	25	30	2H 40~150		9	B-16	A+16	2H L-9	B+16	3H L-9	C+16	4H L-9				
				3H 100~150	3H 160~200				4H C-16		4H D-16						
				4H 160~200													
				2H 30	100~150				3H 160~200								

Order

Part Number	T	L	A	B	C	D
2H GR8ZF-2H15	15	70	A13.0	B52.0		
3H GR8ZF-3H15	15	70	A13.0	B29.0	C59.0	
4H GR8ZF-4H15	15	100	A13.0	B29.0	C69.0	D90.0

Days to Ship **Quotation**

Price **Quotation**

Alterations

Part Number	T	L	A	B	(MC · CC)
GR8ZF-2H15	15	70	A13.0	B52.0	CC5

Quotation

Alterations	Code	Spec.	1Code
	MC	Change to tap hole Details P.684	Quotation
	CC	C chamfering Details P.684	