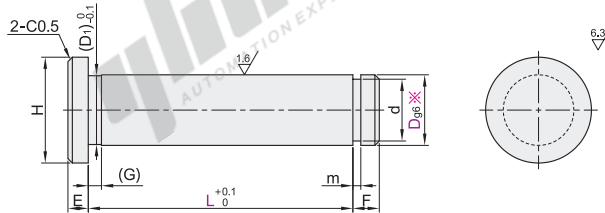


Pivot Pins with Shoulder

with Retaining Ring Groove

Code	Type	Material		Hardness	Surface Treatment	Accessory	
		GB	Equiv.			Kind	Material
MIC01	with Retaining Ring Groove	45	S45C	40~45HRC	Black Oxide	Retaining Ring 1 Pc.	Spring Steel
MIC02							Stainless Steel
MIC06							Spring Steel
MIC11	Configurable	45	S45C	40~45HRC	Electroless Nickel Plating	Hard Chrome Plating, Plating Thickness of 3-5um	Stainless Steel
MIC14							Spring Steel
MIC15							Spring Steel
MIC21		0Cr18Ni9	SUS304	48~53HRC	—		Stainless Steel
MIC31		9Cr18	SUS440C				Stainless Steel



※ D₉₆ Tolerance is available for L dimensions only. Others are general tolerance.
 ① Process hole processing conditions: 4 ≤ D ≤ 11 and total length ≥ 70; 11 < D ≤ 18 and total length ≥ 90; D > 18 and total length ≥ 110.
 (Refer to P379 for detailed dimensions of the process hole)



L Selectable

Part Number		L		m	F	(D ₁)	(G)	d	E	H	Attached Retaining Ring	
Code	D ₉₆										Shape	No.
MIC01	3	-0.002 -0.008	10 12 14 15 16 18 20	0.5	+0.05 0	2.9		2	+0.06 0	5.5	E Type	2
	4	-0.004 -0.012		0.7	+0.1 0	3.9		3	+0.075 0	6.5		3
	5	-0.005 -0.014		0.9		4.9	1.5	4	+0.09 0	8		4
MIC02	6	-0.006 -0.017	15 16 18 20 22 24 25 30	1.15	+0.14 0	5.8		5	-0.09 0	9	C Type	5
MIC06	8	-0.005 -0.014	18 20 22 24 25 30 35 40 45 50	0.9		7.8		7	+0.09 0	12		7
	10	-0.006 -0.017		1.15	+0.14 0	9.8		9.6	-0.09 0	14		10
	12	-0.006 -0.017	22 24 25 30 35 40 45 50			11.8		11.5	-0.11 0	17		12

L Configurable

Part Number		L		m	F	(D ₁)	(G)	d	E	H	Attached Retaining Ring	
Code	D ₉₆	0.1 mm Inc.									Shape	No.
MIC11	2	-0.002 -0.008	5.0~32.0	0.5	+0.05 0	1.9		1.5		4.5	E Type	1.5
	3	-0.004 -0.012	5.0~55.0			2.9		2	+0.06 0	5.5		2
	4	-0.004 -0.012		0.7	+0.1 0	3.9		3	+0.075 0	6.5		3
MIC12	5	-0.005 -0.014	10.0~65.0	0.9		4.9		4	+0.09 0	8	C Type	4
	6	-0.006 -0.017	10.0~110.0			5.8		5	-0.09 0	9		5
	8	-0.005 -0.014	15.0~110.0			7.8		7	+0.09 0	12		7
MIC14	10	-0.006 -0.017	15.0~220.0			9.8		9.6	-0.09 0	14	C Type	10
	12	-0.006 -0.017				11.8		11.5	-0.11 0	17		12
	13	-0.006 -0.017				12.8	1.5	12.4		18		13
MIC15	14	-0.006 -0.017		1.15		13.8		13.4		19	C Type	14
	15	-0.006 -0.017				14.8		14.3	0 -0.11	20		15
	16	-0.006 -0.017				15.8		15.2		21		16
MIC21	17	-0.006 -0.017	20.0~220.0			16.8		16.2		22	C Type	17
	18	-0.006 -0.017				17.8		17		23		18
	20	-0.006 -0.017				19.8		19		26		20
MIC31	22	-0.007 -0.020		1.35		21.8		21	0 -0.21	27	C Type	22
	25	-0.007 -0.020				24.8		23.9		31		25



Optional Processing

Code	Spec.
EE()	Change Shoulder Thickness Ordering Code EE3 ① 0.5 mm Inc. ② EE=E~5
HA	Shoulder Diameter Cut Ordering Code HA ① D=2~10, HA=H/2-1 D=12~25, HA=H/2-2

Code	Spec.														
ED()	Retaining Ring Groove Position Ordering Code ED3 ① 0.1 mm Inc. <table border="1"> <tr> <th>D</th><th>ED</th></tr> <tr> <td>2~4</td><td>1.5~3</td></tr> <tr> <td>5</td><td>1.7~3</td></tr> <tr> <td>6</td><td>1.9~4</td></tr> <tr> <td>8</td><td>2.4~5</td></tr> <tr> <td>10~18</td><td>2.7~5</td></tr> <tr> <td>20~25</td><td>2.9~5</td></tr> </table>	D	ED	2~4	1.5~3	5	1.7~3	6	1.9~4	8	2.4~5	10~18	2.7~5	20~25	2.9~5
D	ED														
2~4	1.5~3														
5	1.7~3														
6	1.9~4														
8	2.4~5														
10~18	2.7~5														
20~25	2.9~5														

L Selectable

Part Number	D	L
MIC01	3	10 12 14 15
MIC02	4	16 18 20

MIC02—D3—L14

L Configurable

Part Number	D	L
MIC11	3	5.0~36.0
MIC12	4	10.0~65.0

MIC12—D3—L30

Optional Processing

Part Number	D	L	Optional Processing Code
MIC11	3	5.0~36.0	EE ED HA
MIC12	4	10.0~65.0	

MIC12—D3—L30—ED1.5



Please order as shown



Discount price
 Per 1~19 20~
 Price 100% Additional quotation.



Delivery 4
 MIC01/06/11/21



Delivery 7
 MIC02/12/14/15/31