Flat Springs

Straight / 1 Point Bend Type / 2 Point Bend Type

■Straight

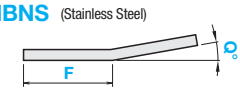
■1 Point Bend Type

■2 Point Bend Type

RoHS 10

IBN (Stainless Steel)

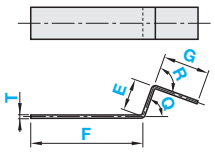
IBNS (Stainless Steel)



(Side View of Development)

Due to low temperature annealing, surface color is golden brown.

IBNW



Due to low temperature annealing, surface color is golden brown.

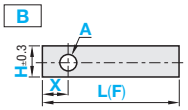
T	Tolerance
0.2	±0.02
0.3	±0.025
0.4	
0.5	±0.035
0.6	
0.7	±0.040
0.8	

M Material
SUS304-CSP

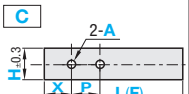
Hole Machining Selection

A No Hole

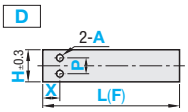
B



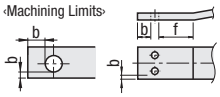
C



D



‹Machining Limits›



b≥1.5 The distance between the hole and the edge should be 1.5mm or more.
f≥3 The distance between holes and bends should be 3mm or more.

■IBN Straight

Part Number Type	Shape	T Selection	H	L 1mm Increment	A Selection	0.5mm Increment X	0.5mm Increment P
IBN	A B C D	0.2 0.3 0.4 0.5	6	20~300	2.0 2.5 3.0 3.5 4.5 5.5 6.5 9.0	$X \leq \frac{L}{2}$	A+1.5≤P
		0.2 0.3 0.4 0.5	8				
		0.3 0.4 0.5 0.6	10				
		0.3 0.4 0.5 0.6	12				
		0.4 0.5 0.6 0.7	15				
		0.4 0.5 0.6 0.7	18				
		0.5 0.6 0.7 0.8	21				
		0.5 0.6 0.7 0.8	25				

H	Unit Price Hole Machining A L20~65	L66~130	L131~200	L201~300	Hole Machining B L20~65	L66~130	L131~200	L201~300	Hole Machining C/D L20~65	L66~130	L131~200	L201~300
6												
8												
10												
12												
15												
18												
21												
25												

Ordering Example

Part Number		-	T	-	H	-	L	-	A	-	X	-	P
Type	Shape												
IBN	A	-	T0.2	-	H8	-	L20						
IBN	C	-	T0.2	-	H8	-	L20	-	A3.5	-	X5	-	P10

■IBNS 1 Point Bend Type

Part Number Type	Shape	T Selection	H	L 1mm Increment	B, C, D only A Selection	0.5mm Increment B, C, D only X	0.5mm Increment C, D only P	F	5° Increment Q
IBNS	A B C D	0.2 0.3 0.4 0.5	6	20~300	2.0 2.5 3.0 3.5 4.5 5.5 6.5 9.0	$\frac{A}{2}+2 \leq X \leq \frac{L}{2}$	A+1.5≤P	3≤F≤L-3	10~90
		0.2 0.3 0.4 0.5	8						
		0.3 0.4 0.5 0.6	10						
		0.3 0.4 0.5 0.6	12						
		0.4 0.5 0.6 0.7	15						
		0.4 0.5 0.6 0.7	18						
		0.5 0.6 0.7 0.8	21						
		0.5 0.6 0.7 0.8	25						

H	Unit Price Hole Machining A L20~65	L66~130	L131~200	L201~300	Hole Machining B L20~65	L66~130	L131~200	L201~300	Hole Machining C/D L20~65	L66~130	L131~200	L201~300
6												
8												
10												
12												
15												
18												
21												
25												

Ordering Example

Part Number		-	T	-	H	-	L	-	A	-	X	-	P	-	F	-	Q
Type	Shape																
IBNS	B	-	T0.6	-	H15	-	L200	-	A3.5	-	X20			-	F50	-	Q30
IBNS	C	-	T0.3	-	H12	-	L40	-	A3.5	-	X5	-	P10	-	F20	-	Q45

■IBNW 2 Point Bend Type

Part Number Type	Shape	T Selection	H	1mm Increment F	1mm Increment E	1mm Increment G	5° Increment Q	5° Increment R	B, C, D only A Selection	C, D only 0.5mm Increment X	C, D only 0.5mm Increment P
IBNW	A B C D	0.2 0.3 0.4 0.5	6	10~50	10~50	10~50	5~90	5~90	2.0 2.5 3.0 3.5 4.5 5.5 6.5 9.0	$\frac{A}{2}+2 \leq X \leq F-A-(P)$	A+1.5≤P
		0.2 0.3 0.4 0.5	8								
		0.3 0.4 0.5 0.6	10								
		0.3 0.4 0.5 0.6	12								
		0.4 0.5 0.6 0.7	15								
		0.4 0.5 0.6 0.7	18								
		0.5 0.6 0.7 0.8	21								
		0.5 0.6 0.7 0.8	25								

H	Unit Price Hole Machining A	Hole Machining B	Hole Machining C/D
6			
8			
10			
12			
15			
18			
21			
25			

Ordering Example

Part Number		-	T	-	H	-	F	-	E	-	G	-	Q	-	R	-	A	-	X	-	P
Type	Shape																				
IBNW	B	-	T0.6	-	H10	-	F35	-	E10	-	G15	-	Q10	-	R90	-	A3.0	-	X5		
IBNW	C	-	T0.5	-	H15	-	F50	-	E20	-	G40	-	Q90	-	R85	-	A3.5	-	X7	-	P15