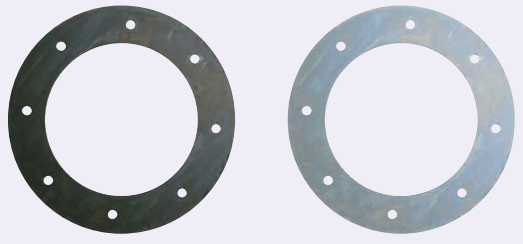


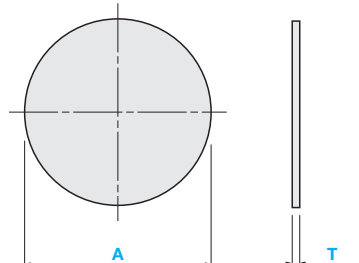
Sheet Metal Round Plates



Part Number		Material	Surface Treatment
Type	Material Symbol		
BFHAN	SP	SPCC	-
BFHAF	SPB		Black Oxide
BFHBN	SPU		Trivalent Chromate (Clear)
BFHB	SPK	A5052	Trivalent Chromate (Black)
BFHBF	AM		-
BFHBE	AMW		Anodize (Clear)
	AMB	SUS304(2B)	Anodize (Black)
	SUD		-

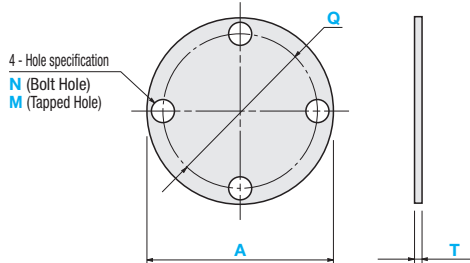
Ⓢ 4.5, 6.0 thickness type is SPHC material.
 ⊗ For BFHAN, AMW or AMB cannot be specified.

BFHAN



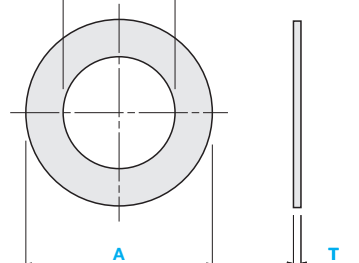
RoHS 10

BFHAF

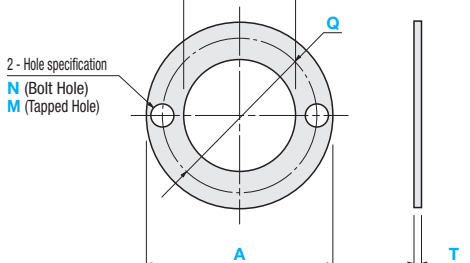


4 - Hole specification
 N (Bolt Hole)
 M (Tapped Hole)

BFHBN

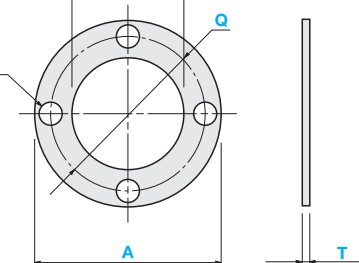


BFHB



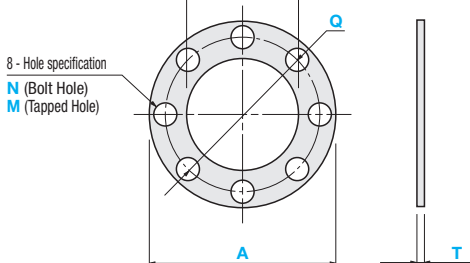
2 - Hole specification
 N (Bolt Hole)
 M (Tapped Hole)

BFHBF



4 - Hole specification
 N (Bolt Hole)
 M (Tapped Hole)

BFHBE



8 - Hole specification
 N (Bolt Hole)
 M (Tapped Hole)

Part Number Type	Material Symbol	1mm Increment Selection			D	Q	Hole Specification Code / Specify Method
		A	T	T			
BFHAN	SP	30 300	SPCC (SPHC)	A5052	3.0 270.0 0.5mm Increment Ⓢ D≤Ax0.9	0.1mm Increment	N (Bolt Hole) 3, 4, 5, 6, 8, 10 Selection M (Tapped Holes) 3, 4, 5, 6, 8, 10 Selection
BFHAF	SPB		1.0	1.0			
BFHBN	SPU		1.6	1.5			
BFHB	SPK		2.3	2.0			
BFHBF	AM		3.2	3.0			
BFHBE	AMW		4.5	4.0			
	AMB	6.0	6.0				

Ordering Example

Part Number: BFHBF - SP - A200 - T2.3 - D80 - Q100 - N5

Material Symbol: BFHBE - SUD - A100 - T3.0 - D60 - Q80 - N6

Ⓢ N Machining Dimension

N Specified Value	3	4	5	6	8	10
Through Hole Dia. (d)	3.5	4.5	5.5	6.5	9	11

Specifications, Machining Limits

1. For tolerances, see P.1833.
2. Burr height 0.1 or less
3. Machining limits

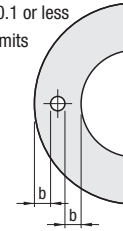


Plate Thickness (T)	Machining Limits (Min. Value)		
	SPCC SPHC	A5052	SUS304 (2B)
1.0	-	1.0	1.0
1.6	1.5	1.5	
2.3	2.0	2.0	1.5
3.2	3.0	3.0	
4.5	-	4.0	2.0
6.0	-	-	2.5

Hole Type Selection Chart

Hole Type Code	Bolt Hole N	Tapped Holes (Coarse Thread) M	Through Hole D
Shape Diagram			

Ⓢ For d dimension, see "N Machining Dimensions" on lower section of specification chart.

Price Calculations
 Add hole machining charges and surface treatment charges to the body prices.
 (Ex.) For BFHBN-SPU-A100-T1.6-D50,

$$\text{Main Body Price} + \text{Hole Machining Charge} + \text{Surface Treatment Charge} = \text{Price}$$

A	T		Body Price Unit Price			Hole Machining Charge (Body Price+)					Surface Treatment Charge (Body Price+)		
	SPCC SPHC	A5052 SUS304	BFHAN			BFHAF	BFHBN	BFHB	BFHBF	BFHBE	Black Oxide Trivalent Chromate (Clear, Black)	Anodize (Clear)	Anodize (Black)
			SP	AM	SUD								
30-100	1.0	1.0											
	1.6	1.5											
	2.3	2.0											
	3.2	3.0											
	4.5	4.0											
	6.0	-											
101-200	1.0	1.0											
	1.6	1.5											
	2.3	2.0											
	3.2	3.0											
	4.5	4.0											
	6.0	-											
201-300	1.0	1.0											
	1.6	1.5											
	2.3	2.0											
	3.2	3.0											
	4.5	4.0											
	6.0	-											

Alterations

Part Number: BFHB - SP - A200 - T2.3 - D80 - Q100 - N5 - NXC2.3

Hole Specification Code, Nominal Value: (NXC, MXC)

Change the Number of Mounting Holes

Change 2 mounting holes to 6 mounting holes.

6 - Hole specification

Alteration

Code: NXC(Through Hole), MXC(Tapped Holes)

Spec.:

- Ⓢ Applicable only to BFHB
- Ⓢ Only N type hole selectable for NXC
- Ⓢ Only M type hole selectable for MXC

[Ordering Code]
 Specify a value equal to T dim. following NXC, MXC.
 (Ex.) ~ -NXC4.5