

Sheet Metal Mounting Plate / Brackets (For Sensors)

S-Shaped

Sheet Metal Mounting Plate/Bracket – S-Shaped

RoHS10

| Part Number | | Material | Surface Treatment |
|---|--------------------------|----------------------------|------------------------------|
| Type | Material Code | | |
| SWBZS SWCAS SWBAS SWBBS SWBDS | SP | Low Carbon Steel | — |
| | SPB | | Black Oxide |
| | SPU | | Ⓢ Trivalent Chromate (Clear) |
| | SPK | Trivalent Chromate (Black) | |
| | AM | 5052 Aluminum Alloy | — |
| | AMW | | Clear Anodize |
| AMB | 304 Stainless Steel (2B) | Black Anodize | |
| SUD | | — | |

Ⓢ Material for plate thickness 4.5 and 6.0 is Low Carbon Steel.

SWBZS No Hole

SWCAS

SWBAS

SWBCS

SWCBS

SWBBS

SWBDS

Ⓢ Parameters in green are optional. If these parameters are not specified, the hole alignment will be even against the center. For the details P.3898.

| Part Number | 1 mm Increment | | Selection | | | 1mm Increment | Hole Configurable (1) | | | | | Hole Configurable (2) | | | | | D | | |
|---|--|---------------|-----------|--------|--|--------------------------|-----------------------|---|---|--------------------|---|-----------------------|---|---|---|---|--|--|--------------------------|
| | Type | Material Code | A | B | T | H | J | X | Y | W | Code Ordering Method | K | F | E | S | G | | Code Ordering Method | |
| SWBZS SWCAS SWBAS SWBBS SWBDS | SP SPB SPU SPK AM AMW AMB SUD | | 20-200 | 10-200 | Low Carbon Steel 5052 Aluminum Alloy 304 Stainless Steel (Low Carbon Steel) | 10-100 | | | | | N (Screw Through Hole) Ⓢ 0, 3, 4, 5, 6, 8, 10 (Selection) | | | | | | | NA (Screw Through Hole) Ⓢ 0, 3, 4, 5, 6, 8, 10 (Selection) | 3-30 0.5 Increment |
| | | | Ⓢ | | 1.6 2.3 3.2 4.5 6.0 | 1.5 2.0 3.0 4.0 | 10-100 | | | 0.1mm Increment | | | | | | | M (Tapped Hole) 0, 3, 4, 5, 6, 8, 10 (Selection) | MA (Tapped Hole) 0, 3, 4, 5, 6, 8, 10 (Selection) | |

Ⓢ When T≥3.0, A≥30.
Ⓢ Although hole deformation may occur when a hole is too close to the end face, machining will follow the specification, if it falls within the Machining Limits.

Part Number Example

| | | | | | | | | | | | | | | | |
|-------------|-----|-----|------|-----|-----|-----|-----|-----|---|-----|----|-----|---|-----|---|
| Part Number | A | B | T | H | J | X | Y | W | Hole Configurable (1) Code / Nominal Dia. | K | F | E | S | G | Hole Configurable (2) Code / Nominal Dia. |
| SWBAS - SP | A80 | B40 | T3.2 | H30 | J40 | X20 | Y10 | W20 | N4 | F40 | S6 | G28 | | MA3 | |

Sheet Metal Mounting Plate / Brackets (For Sensors)

S-Shaped, continued

Specifications / Machining Limits

- For tolerance, refer to P.3893
- Burr height 0.1 or less
- Bend Angle Tolerance ±1°
- Scratches caused by the press brake may occur. P.3893
- Swelling due to bending
- Machining limits (min. value)

Hole Selections

| Hole | Screw Through Hole | Tapped Hole (Coarse) | Through Hole |
|---------------|--------------------|----------------------|--------------|
| Code | N, NA | M, MA | D, DA |
| Shape Diagram | | | |

Ⓢ For the d dimensions, refer to the "N, NA Machining Dimensions" section below the Specifications Table.

Part Number Alterations

| | | | | | | |
|----------------------|------|-----|------|-----|-----|------------|
| Part Number | A | B | T | H | J | (CC / WCC) |
| Type - Material Code | | | | | | |
| SWBZS - SUD | A100 | B50 | T2.0 | H20 | J50 | CC5 |

| Alterations | Corner Cut (2 corners) | Corner Cut (4 corners) |
|-------------|---|---|
| | | |
| Code | CC | WCC |
| Spec. | CC = Specify in 1 mm Increment Ⓢ 1 ≤ CC ≤ 10 Ordering Code: Adds CC to the end of the part number. (Ex.) --CC10 | WCC = Specify in 1 mm Increment Ⓢ 1 ≤ WCC ≤ 10 Ordering Code: Adds WCC to the end of the part number. (Ex.) --WCC10 |