

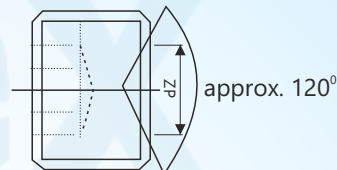
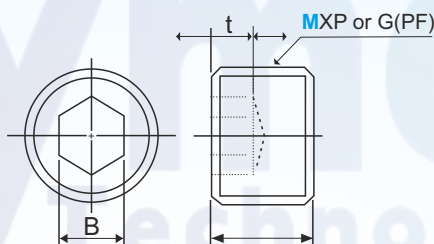
# SCREW PLUGS -Parallel Screw Type-

❶ M2.5~M10 are Coarse thread, while M12~M45 (Pitch1.5) are fine thread.

❷ Parallel Screw Plug

**DMSW** (Metric Thread Type)  
**DMSWS** (Metric Thread Short Type)  
**D-MSW** (Parallel Pipe Thread Type)

**DMSW:** Dimensions and shape of cup point



| Part No. | dz max. |
|----------|---------|
| DMSW3    | 1.4     |
| DMSW4    | 2.0     |
| DMSW4    | 2.5     |

|                |                  |                              |
|----------------|------------------|------------------------------|
| <b>M</b> DMSWS | SCM435 (M2.5~10) | <b>H</b> 34~43HRS            |
|                | S45C(M12~45)     | <b>S</b> Black Oxide (Fe3O4) |
| DMSWS          | S45C             | (Class 2 JIS B 0207)         |
| DD-MSW         | C3604            |                              |

Note that the tips of DMSW3, 4 and 5 are the "cup points".

❶ Metric Thread Type

| Part No.    |     | MXP |      | L  | B   | t   |
|-------------|-----|-----|------|----|-----|-----|
| Type        | M   |     |      |    |     |     |
| <b>DMSW</b> | 2.5 | 2.5 | 0.45 | 3  | 1.3 | 1.2 |
|             | 3   | 3   | 0.5  | 3  | 1.5 |     |
|             | 4   | 4   | 0.7  | 4  | 2   | 1.5 |
|             | 5   | 5   | 0.8  | 5  | 2.5 | 2   |
|             | 6   | 6   | 1.0  | 6  | 3   | 3.5 |
|             | 8   | 8   | 1.25 | 8  | 4   | 5   |
|             | 10  | 10  | 1.5  |    | 5   | 6   |
|             | 12  | 12  |      | 10 | 6   |     |
|             | 14  | 14  |      |    | 8   | 5   |
|             | 16  | 16  |      |    | 10  |     |
|             | 18  | 18  |      |    | 12  |     |
|             | 20  | 20  |      | 12 |     |     |
|             | 22  | 22  |      |    |     |     |
|             | 24  | 24  |      |    |     |     |
|             | 25  | 25  |      |    |     |     |
|             | 26  | 26  |      |    |     |     |
|             | 27  | 27  |      |    |     |     |
|             | 28  | 28  |      |    |     |     |
|             | 30  | 30  |      |    |     |     |
|             | 33  | 33  |      |    |     |     |
|             | 36  | 36  |      |    |     |     |
|             | 38  | 38  |      | 18 | 17  |     |
|             | 40  | 40  |      |    |     | 10  |
|             | 42  | 42  |      |    |     |     |
|             | 45  | 45  |      |    |     |     |

❶ "The tips of DMSW3, 4 and 5 are the "cup points".

❶ Basic Specifications

- Shape type: Parallel pipe thread type
- Type: DD-MSW

❶ Metric Thread Type

| Part No.     |        | MXP |                   | L | B  | t |
|--------------|--------|-----|-------------------|---|----|---|
| Type         | M - L  |     |                   |   |    |   |
| <b>DMSWS</b> | 8 - 6  | 8   | 1.25              |   | 4  |   |
|              | 10 - 6 | 10  | 1.5               |   | 5  |   |
|              | 12 - 6 | 12  |                   | 6 | 6  | 3 |
|              | 14 - 6 | 14  |                   |   | 8  |   |
|              | 16 - 6 | 16  |                   |   | 10 |   |
|              | 18 - 6 | 18  |                   |   | 12 |   |
|              | 20 - 8 | 20  |                   | 8 | 14 | 4 |
|              | 22 - 8 | 22  |                   |   |    |   |
|              | 24 - 8 | 24  | 1.5 (Fine Thread) |   |    |   |
|              | 25 - 8 | 25  |                   |   |    |   |
|              | 26 - 8 | 26  |                   |   |    |   |
|              | 27 - 8 | 27  |                   |   |    |   |
|              | 28 - 8 | 28  |                   |   |    |   |
|              | 30 - 8 | 30  |                   |   |    |   |
|              | 33 - 8 | 33  |                   |   | 17 |   |

❶ Parallel Pipe Thread Type

| Part No.     |     | G(PF) | L  | B  | t |
|--------------|-----|-------|----|----|---|
| Type         | No. |       |    |    |   |
| <b>DMSWS</b> |     | G1/8  | 8  | 5  | 4 |
|              |     | G1/4  |    | 7  |   |
|              |     | G3/8  | 10 | 8  | 5 |
|              |     | G1/2  |    | 15 |   |

Example

■ **DMSW • D-MSW**

Adjustment of fixing position is easy.

■ **Short Type**

Adjustment of fixing position is easy.  
Short L dimension enables use in small space.

Plate Material to process tap hole and load on screw plug are to be concerned because the amount of threading on the screw is small.

