

| 全长 | 吃入部+完全<br>螺紋部的长度 | 螺紋部長 | 頸下長 | 柄部長 | 柄徑 | 四角部寬 | 四角部長 |
|----|------------------|------|-----|-----|----|------|------|
| L  | ℓt               | ℓ    | ℓn  | ℓs  | Ds | K    | ℓk   |

# LS-SP

长柄螺旋丝攻  
样式特长



被削材和推荐的攻牙速度

中碳钢  
Medium carbon steels  
**5~10**  
(m/min)

※详细图解说明请参阅P24



螺旋丝攻  
(盲孔用)

螺旋型  
先端丝攻  
(通孔用)

先端丝攻  
(通孔用)

直沟丝攻

超硬丝攻

挤压丝攻

特殊螺纹丝攻  
简易检查工具

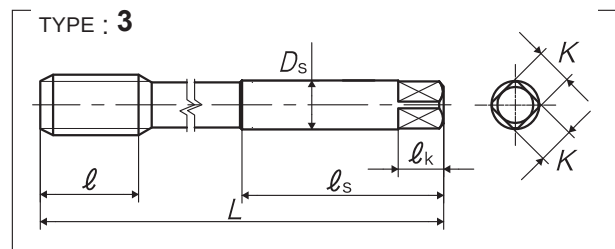
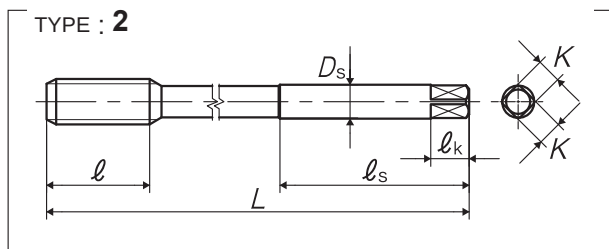
管用丝攻

螺纹铣刀

圆板牙

中心钻

孔面工具



加大精度  
品区: 1C

| 尺寸        | 等级 | 产品编号       | 吃入部  | L<br>(mm) | ℓ<br>(mm) | ℓn<br>(mm) | ℓs<br>(mm) | Ds<br>(mm) | K<br>(mm) | ℓk<br>(mm) | 沟数 | 构型 | 库存  |     |   |   |   |   |     |
|-----------|----|------------|------|-----------|-----------|------------|------------|------------|-----------|------------|----|----|-----|-----|---|---|---|---|-----|
| 公制螺纹用     |    |            |      |           |           |            |            |            |           |            |    |    |     |     |   |   |   |   |     |
| M2×0.4    | P1 | SPP2.0EL07 | 2.5P | 70        | 7.2       | 12         | 55         | 3          | 2.5       | 5          | 2  | 1  | △   |     |   |   |   |   |     |
| M2.3×0.4  | P1 | SPP2.3EL07 | 2.5P | 70        | 7.2       | 12         | 55         | 3          | 2.5       | 5          | 2  | 1  | △   |     |   |   |   |   |     |
| M2.5×0.45 | P1 | SPP2.5FL07 | 2.5P | 70        | 8.1       | 14         | 53         | 3          | 2.5       | 5          | 2  | 1  | △   |     |   |   |   |   |     |
| M2.6×0.45 | P1 | SPP2.6FL07 | 2.5P | 70        | 8.1       | 14         | 53         | 3          | 2.5       | 5          | 2  | 1  | △   |     |   |   |   |   |     |
| M3×0.5    | P1 | SPP3.0GL07 | 2.5P | 70        | 9         | 14         | 50         | 4          | 3.2       | 6          | 3  | 1  | △   |     |   |   |   |   |     |
|           |    | SPP3.0GL10 |      | 100       |           |            | ○          |            |           |            |    |    |     |     |   |   |   |   |     |
|           |    | SPP3.0GL12 |      | 120       |           |            | △          |            |           |            |    |    |     |     |   |   |   |   |     |
|           |    | SPP3.0GL15 |      | 150       |           |            | ◎          |            |           |            |    |    |     |     |   |   |   |   |     |
|           | P2 | SPQ3.0GL10 |      | 100       |           |            | 40         |            |           |            |    |    | 4   | 3.2 | 6 | 3 | 1 | △ |     |
|           |    | SPQ3.0GL15 |      | 150       |           |            |            |            |           |            |    |    |     |     |   |   |   |   |     |
|           | P3 | SPR3.0GL10 |      | 100       |           |            |            |            |           |            |    |    |     |     |   |   |   |   | 150 |
|           |    | SPR3.0GL15 |      | 150       |           |            |            |            |           |            |    |    |     |     |   |   |   |   |     |
| M4×0.7    | P2 | SPQ4.0IL07 | 2.5P | 70        | 11        | 17         | 47         | 5          | 4         | 7          | 3  | 1  | △   |     |   |   |   |   |     |
|           |    | SPQ4.0IL10 |      | 100       |           |            | 40         |            |           |            |    |    |     |     |   |   |   |   |     |
|           |    | SPQ4.0IL12 |      | 120       |           |            |            |            |           |            |    |    |     |     |   |   |   |   |     |
|           |    | SPQ4.0IL15 |      | 150       |           |            |            |            |           |            |    |    |     | ◎   |   |   |   |   |     |
|           | P3 | SPR4.0IL10 |      | 100       |           |            | 150        |            |           |            |    |    | △   |     |   |   |   |   |     |
|           |    | SPR4.0IL15 |      | 150       |           |            |            |            |           |            |    |    |     |     |   |   |   |   |     |
| M5×0.8    | P2 | SPQ5.0KL10 | 2.5P | 100       | 13        | 22         | 40         | 5.5        | 4.5       | 7          | 3  | 1  | ◎   |     |   |   |   |   |     |
|           |    | SPQ5.0KL12 |      | 120       |           |            |            |            |           |            |    |    |     |     |   |   |   |   |     |
|           |    | SPQ5.0KL15 |      | 150       |           |            |            |            |           |            |    |    |     |     |   |   |   |   |     |
|           | P3 | SPR5.0KL10 |      | 100       |           |            |            |            |           |            |    |    | 150 | △   |   |   |   |   |     |
|           |    | SPR5.0KL15 |      | 150       |           |            |            |            |           |            |    |    |     |     |   |   |   |   |     |

螺旋丝攻系列(盲孔用)

LS-SP 长柄螺旋丝攻

螺旋丝攻  
(盲孔用)

螺旋型  
(通孔用)

先端丝攻  
(通孔用)

直沟丝攻

超硬丝攻

挤压丝攻

特殊螺纹丝攻  
筒易检查工具

管用丝攻

螺纹铣刀

圆板牙

中心钻

孔面工具

| 尺寸       | 等级 | 产品编号       | 吃入部  | L<br>(mm) | ℓ<br>(mm) | ℓn<br>(mm) | ℓs<br>(mm) | Ds<br>(mm) | K<br>(mm) | ℓk<br>(mm) | 沟数 | 构型 | 库存 |
|----------|----|------------|------|-----------|-----------|------------|------------|------------|-----------|------------|----|----|----|
| M6×1     | P2 | SPQ6.0ML10 | 2.5P | 100       | 15        | 26         | 40         | 6          | 4.5       | 7          | 3  | 1  | ◎  |
|          |    | SPQ6.0ML12 |      | 120       |           |            |            |            |           |            |    |    | △  |
|          |    | SPQ6.0ML15 |      | 150       |           |            |            |            |           |            |    |    | ◎  |
|          |    | SPQ6.0ML20 |      | 200       |           |            |            |            |           |            |    |    | △  |
|          | P3 | SPR6.0ML10 |      | 100       |           |            |            |            |           |            |    |    | △  |
|          |    | SPR6.0ML15 |      | 150       |           |            |            |            |           |            |    |    | △  |
| M6×0.75  | P2 | SPQ6.0JL10 | 2.5P | 100       | 15        | 26         | 40         | 6          | 4.5       | 7          | 3  | 1  | △  |
| M8×1.25  | P2 | SPQ8.0NL10 | 2.5P | 100       | 19        | -          | 50         | 6.2        | 5         | 8          | 3  | 2  | ◎  |
|          |    | SPQ8.0NL12 |      | 120       |           |            |            |            |           |            |    |    | ◎  |
|          |    | SPQ8.0NL15 |      | 150       |           |            |            |            |           |            |    |    | ◎  |
|          |    | SPQ8.0NL20 |      | 200       |           |            |            |            |           |            |    |    | △  |
|          | P3 | SPR8.0NL10 |      | 100       |           |            |            |            |           |            |    |    | △  |
|          |    | SPR8.0NL15 |      | 150       |           |            |            |            |           |            |    |    | △  |
| M8×1     | P2 | SPQ8.0ML10 | 2.5P | 100       | 19        | -          | 50         | 6.2        | 5         | 8          | 3  | 2  | △  |
|          |    | SPQ8.0ML15 |      | 150       |           |            |            |            |           |            |    |    | △  |
| M10×1.5  | P2 | SPQ0100L10 | 2.5P | 100       | 23        | -          | 50         | 7          | 5.5       | 8          | 3  | 2  | ◎  |
|          |    | SPQ0100L12 |      | 120       |           |            |            |            |           |            |    |    | ◎  |
|          |    | SPQ0100L15 |      | 150       |           |            |            |            |           |            |    |    | ◎  |
|          |    | SPQ0100L20 |      | 200       |           |            |            |            |           |            |    |    | △  |
|          | P3 | SPR0100L10 |      | 100       |           |            |            |            |           |            |    |    | △  |
|          |    | SPR0100L15 |      | 150       |           |            |            |            |           |            |    |    | △  |
| M10×1.25 | P2 | SPQ010NL10 | 2.5P | 100       | 23        | -          | 50         | 7          | 5.5       | 8          | 3  | 2  | ○  |
|          |    | SPQ010NL12 |      | 120       |           |            |            |            |           |            |    |    | ○  |
|          |    | SPQ010NL15 |      | 150       |           |            |            |            |           |            |    |    | ○  |
|          |    | SPQ010NL20 |      | 200       |           |            |            |            |           |            |    |    | ○  |
| M10×1    | P2 | SPQ010ML10 | 2.5P | 100       | 23        | -          | 50         | 7          | 5.5       | 8          | 3  | 2  | △  |
|          |    | SPQ010ML15 |      | 150       |           |            |            |            |           |            |    |    | △  |
| M12×1.75 | P2 | SPQ012PL10 | 2.5P | 100       | 26        | -          | 50         | 8.5        | 6.5       | 9          | 3  | 2  | △  |
|          |    | SPQ012PL12 |      | 120       |           |            |            |            |           |            |    |    | ◎  |
|          |    | SPQ012PL15 |      | 150       |           |            |            |            |           |            |    |    | △  |
|          |    | SPQ012PL20 |      | 200       |           |            |            |            |           |            |    |    | ◎  |
|          | P3 | SPR012PL15 |      | 150       |           |            |            |            |           |            |    |    | △  |
|          |    |            |      |           |           |            |            |            |           |            |    |    | △  |
| M12×1.5  | P2 | SPQ0120L10 | 2.5P | 100       | 26        | -          | 50         | 8.5        | 6.5       | 9          | 3  | 2  | △  |
|          |    | SPQ0120L15 |      | 150       |           |            |            |            |           |            |    |    | △  |
|          |    | SPQ0120L20 |      | 200       |           |            |            |            |           |            |    |    | △  |
| M12×1.25 | P2 | SPQ012NL10 | 2.5P | 100       | 26        | -          | 50         | 8.5        | 6.5       | 9          | 3  | 2  | △  |
|          |    | SPQ012NL12 |      | 120       |           |            |            |            |           |            |    |    | ○  |
|          |    | SPQ012NL15 |      | 150       |           |            |            |            |           |            |    |    | △  |
|          |    | SPQ012NL20 |      | 200       |           |            |            |            |           |            |    |    | ○  |
| M12×1    | P2 | SPQ012ML12 | 2.5P | 120       | 26        | -          | 50         | 8.5        | 6.5       | 9          | 3  | 2  | △  |
|          |    | SPQ012ML15 |      | 150       |           |            |            |            |           |            |    |    | △  |
| M14×2    | P2 | SPQ014QL12 | 2.5P | 120       | 26        | -          | 60         | 10.5       | 8         | 11         | 3  | 2  | △  |
|          |    | SPQ014QL15 |      | 150       |           |            |            |            |           |            |    |    | ○  |
|          |    | SPQ014QL20 |      | 200       |           |            |            |            |           |            |    |    | ○  |
| M14×1.5  | P2 | SPQ0140L12 | 2.5P | 120       | 26        | -          | 60         | 10.5       | 8         | 11         | 3  | 2  | △  |
|          |    | SPQ0140L15 |      | 150       |           |            |            |            |           |            |    |    | △  |
|          |    | SPQ0140L20 |      | 200       |           |            |            |            |           |            |    |    | ○  |
| M16×2    | P2 | SPQ016QL15 | 2.5P | 150       | 26        | -          | 60         | 12.5       | 10        | 13         | 3  | 2  | ◎  |
|          |    | SPQ016QL20 |      | 200       |           |            |            |            |           |            |    |    | △  |
|          |    | SPQ016QL25 |      | 250       |           |            |            |            |           |            |    |    | ◎  |

# LS-SP 长柄螺旋丝攻

| 全长 | 吃入部+完全螺旋部的长度 | 螺旋部长 | 颈下长 | 柄部长 | 柄径 | 四角部宽 | 四角部长 |
|----|--------------|------|-----|-----|----|------|------|
| L  | ℓt           | ℓ    | ℓn  | ℓs  | Ds | K    | ℓk   |

| 尺寸         | 等级 | 产品编号       | 吃入部  | L<br>(mm) | ℓ<br>(mm) | ℓn<br>(mm) | ℓs<br>(mm) | Ds<br>(mm) | K<br>(mm) | ℓk<br>(mm) | 沟数 | 构型 | 库存 |
|------------|----|------------|------|-----------|-----------|------------|------------|------------|-----------|------------|----|----|----|
| M16×1.5    | P2 | SPQ0160L15 | 2.5P | 150       | 26        | -          | 60         | 12.5       | 10        | 13         | 3  | 2  | ○  |
|            |    | SPQ0160L20 |      | 200       |           |            |            |            |           |            |    |    |    |
| M18×2.5    | P3 | SPR018RL15 | 2.5P | 150       | 33        | -          | 70         | 14         | 11        | 14         | 4  | 2  | ○  |
|            |    | SPR018RL20 |      | 200       |           |            |            |            |           |            |    |    | △  |
|            |    | SPR018RL25 |      | 250       |           |            |            |            |           |            |    |    |    |
| M18×1.5    | P2 | SPQ0180L15 | 2.5P | 150       | 33        | -          | 70         | 14         | 11        | 14         | 4  | 2  | ○  |
|            |    | SPQ0180L20 |      | 200       |           |            |            |            |           |            |    |    |    |
| M20×2.5    | P3 | SPR020RL15 | 2.5P | 150       | 33        | -          | 70         | 15         | 12        | 15         | 4  | 3  | ◎  |
|            |    | SPR020RL20 |      | 200       |           |            |            |            |           |            |    |    | △  |
|            |    | SPR020RL25 |      | 250       |           |            |            |            |           |            |    |    | ◎  |
| M20×1.5    | P3 | SPR0200L15 | 2.5P | 150       | 33        | -          | 70         | 15         | 12        | 15         | 4  | 3  | ○  |
|            |    | SPR0200L20 |      | 200       |           |            |            |            |           |            |    |    |    |
| M22×2.5    | P3 | SPR022RL15 | 2.5P | 150       | 33        | -          | 70         | 17         | 13        | 16         | 4  | 3  | △  |
|            |    | SPR022RL20 |      | 200       |           |            |            |            |           |            |    |    |    |
| M22×1.5    | P3 | SPR0220L15 | 2.5P | 150       | 33        | -          | 70         | 17         | 13        | 16         | 4  | 3  | ○  |
|            |    | SPR0220L20 |      | 200       |           |            |            |            |           |            |    |    |    |
| M24×3      | P3 | SPR024SL15 | 2.5P | 150       | 39        | -          | 80         | 19         | 15        | 18         | 4  | 3  | ○  |
|            |    | SPR024SL20 |      | 200       |           |            |            |            |           |            |    |    | △  |
|            |    | SPR024SL25 |      | 250       |           |            |            |            |           |            |    |    | ◎  |
| M24×2      | P3 | SPR024QL20 | 2.5P | 200       | 39        | -          | 80         | 19         | 15        | 18         | 4  | 3  | △  |
| M24×1.5    | P3 | SPR0240L15 | 2.5P | 150       | 39        | -          | 80         | 19         | 15        | 18         | 4  | 3  | ○  |
|            |    | SPR0240L20 |      | 200       |           |            |            |            |           |            |    |    |    |
| M27×3      | P3 | SPR027SL20 | 2.5P | 200       | 39        | -          | 80         | 20         | 15        | 18         | 4  | 3  | △  |
|            |    | SPR027SL25 |      | 250       |           |            |            |            |           |            |    |    |    |
| M27×2      | P3 | SPR027QL20 | 2.5P | 200       | 39        | -          | 80         | 20         | 15        | 18         | 4  | 3  | △  |
| M27×1.5    | P3 | SPR0270L20 | 2.5P | 200       | 39        | -          | 80         | 20         | 15        | 18         | 4  | 3  | △  |
|            |    | SPR0270L25 |      | 250       |           |            |            |            |           |            |    |    |    |
| M30×3.5    | P4 | SPS030TL20 | 2.5P | 200       | 46        | -          | 80         | 23         | 17        | 20         | 4  | 3  | △  |
|            |    | SPS030TL25 |      | 250       |           |            |            |            |           |            |    |    |    |
|            |    | SPS030TL30 |      | 300       |           |            |            |            |           |            |    |    |    |
| M30×1.5    | P3 | SPR0300L20 | 2.5P | 200       | 46        | -          | 80         | 23         | 17        | 20         | 4  | 3  | △  |
|            |    | SPR0300L25 |      | 250       |           |            |            |            |           |            |    |    |    |
| 美制螺纹用      |    |            |      |           |           |            |            |            |           |            |    |    |    |
| 尺寸         | 等级 | 产品编号       | 吃入部  | L<br>(mm) | ℓ<br>(mm) | ℓn<br>(mm) | ℓs<br>(mm) | Ds<br>(mm) | K<br>(mm) | ℓk<br>(mm) | 沟数 | 构型 | 库存 |
| 1/4-20UNC  | P2 | SPQU04NL10 | 2.5P | 100       | 15        | 26         | 40         | 6          | 4.5       | 7          | 3  | 1  | △  |
|            |    | SPQU04NL15 |      | 150       |           |            |            |            |           |            |    |    |    |
| 1/4-28UNF  | P2 | SPQU04KL10 | 2.5P | 100       | 15        | 26         | 40         | 6          | 4.5       | 7          | 3  | 1  | △  |
|            |    | SPQU04KL15 |      | 150       |           |            |            |            |           |            |    |    |    |
| 5/16-18UNC | P2 | SPQU050L10 | 2.5P | 100       | 19        | -          | 50         | 6.2        | 5         | 8          | 3  | 2  | △  |
|            |    | SPQU050L15 |      | 150       |           |            |            |            |           |            |    |    |    |
| 5/16-24UNF | P2 | SPQU05ML10 | 2.5P | 100       | 19        | -          | 50         | 6.2        | 5         | 8          | 3  | 2  | △  |
|            |    | SPQU05ML15 |      | 150       |           |            |            |            |           |            |    |    |    |
| 3/8-16UNC  | P2 | SPQU06PL10 | 2.5P | 100       | 23        | -          | 50         | 7          | 5.5       | 8          | 3  | 2  | △  |
|            |    | SPQU06PL15 |      | 150       |           |            |            |            |           |            |    |    |    |
|            |    | SPQU06PL20 |      | 200       |           |            |            |            |           |            |    |    |    |
| 3/8-24UNF  | P2 | SPQU06ML10 | 2.5P | 100       | 23        | -          | 50         | 7          | 5.5       | 8          | 3  | 2  | △  |
|            |    | SPQU06ML15 |      | 150       |           |            |            |            |           |            |    |    |    |
| 7/16-14UNC | P3 | SPRU07QL15 | 2.5P | 150       | 26        | -          | 50         | 8.5        | 6.5       | 9          | 3  | 2  | △  |
| 7/16-20UNF | P2 | SPQU07NL15 | 2.5P | 150       | 26        | -          | 50         | 8.5        | 6.5       | 9          | 3  | 2  | △  |

螺旋丝攻  
(盲孔用)

螺旋型  
先端丝攻  
(通孔用)

螺旋型  
先端丝攻  
(通孔用)

直沟丝攻

超硬丝攻

挤压丝攻

特殊螺纹丝攻  
筒易检查工具

管用丝攻

螺纹铣刀

圆板牙

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孔面工具

螺旋丝攻系列(盲孔用)

LS-SP 长柄螺旋丝攻

螺旋丝攻  
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螺旋型  
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| 尺寸        | 等级 | 产品编号                                   | 吃入部  | L<br>(mm)         | ℓ<br>(mm) | ℓn<br>(mm) | ℓs<br>(mm) | Ds<br>(mm) | K<br>(mm) | ℓk<br>(mm) | 沟数 | 构型 | 库存 |
|-----------|----|----------------------------------------|------|-------------------|-----------|------------|------------|------------|-----------|------------|----|----|----|
| 1/2-13UNC | P3 | SPRU08RL15<br>SPRU08RL20               | 2.5P | 150<br>200        | 26        | -          | 60         | 10.5       | 8         | 11         | 3  | 2  | △  |
| 1/2-20UNF | P2 | SPQU08NL15                             | 2.5P | 150               | 26        | -          | 60         | 10.5       | 8         | 11         | 3  | 2  | △  |
| 5/8-11UNC | P3 | SPRU10UL15<br>SPRU10UL20               | 2.5P | 150<br>200        | 26        | -          | 60         | 12.5       | 10        | 13         | 3  | 2  | △  |
| 5/8-18UNF | P2 | SPQU100L15                             | 2.5P | 150               | 26        | -          | 60         | 12.5       | 10        | 13         | 3  | 2  | △  |
| 3/4-10UNC | P3 | SPRU12VL15<br>SPRU12VL20               | 2.5P | 150<br>200        | 33        | -          | 70         | 15         | 12        | 15         | 4  | 3  | △  |
| 3/4-16UNF | P3 | SPRU12PL15                             | 2.5P | 150               | 33        | -          | 70         | 15         | 12        | 15         | 4  | 3  | △  |
| 7/8-9UNC  | P3 | SPRU14WL15<br>SPRU14WL20               | 2.5P | 150<br>200        | 33        | -          | 70         | 17         | 13        | 16         | 4  | 3  | △  |
| 1-8UNC    | P3 | SPRU16XL15<br>SPRU16XL20               | 2.5P | 150<br>200        | 39        | -          | 80         | 19         | 15        | 18         | 4  | 3  | △  |
| 英制螺纹用     |    |                                        |      |                   |           |            |            |            |           |            |    |    |    |
| 尺寸        | 等级 | 产品编号                                   | 吃入部  | L<br>(mm)         | ℓ<br>(mm) | ℓn<br>(mm) | ℓs<br>(mm) | Ds<br>(mm) | K<br>(mm) | ℓk<br>(mm) | 沟数 | 构型 | 库存 |
| 1/4W20    | P2 | SPQW04NL10<br>SPQW04NL15               | 2.5P | 100<br>150        | 15        | 26         | 40         | 6          | 4.5       | 7          | 3  | 1  | △  |
| 5/16W18   | P2 | SPQW050L10<br>SPQW050L15               | 2.5P | 100<br>150        | 19        | -          | 50         | 6.2        | 5         | 8          | 3  | 2  | △  |
| 3/8W16    | P2 | SPQW06PL10<br>SPQW06PL15<br>SPQW06PL20 | 2.5P | 100<br>150<br>200 | 23        | -          | 50         | 7          | 5.5       | 8          | 3  | 2  | △  |
| 7/16W14   | P3 | SPRW07QL15                             | 2.5P | 150               | 26        | -          | 50         | 8.5        | 6.5       | 9          | 3  | 2  | △  |
| 1/2W12    | P3 | SPRW08SL15<br>SPRW08SL20               | 2.5P | 150<br>200        | 26        | -          | 60         | 10.5       | 8         | 11         | 3  | 2  | △  |
| 5/8W11    | P3 | SPRW10UL15<br>SPRW10UL20               | 2.5P | 150<br>200        | 26        | -          | 60         | 12.5       | 10        | 13         | 3  | 2  | △  |
| 3/4W10    | P3 | SPRW12VL15<br>SPRW12VL20               | 2.5P | 150<br>200        | 33        | -          | 70         | 15         | 12        | 15         | 4  | 3  | △  |
| 7/8W9     | P3 | SPRW14WL15<br>SPRW14WL20               | 2.5P | 150<br>200        | 33        | -          | 70         | 17         | 13        | 16         | 4  | 3  | △  |
| 1 W8      | P3 | SPRW16XL15<br>SPRW16XL20               | 2.5P | 150<br>200        | 39        | -          | 80         | 19         | 15        | 18         | 4  | 3  | △  |