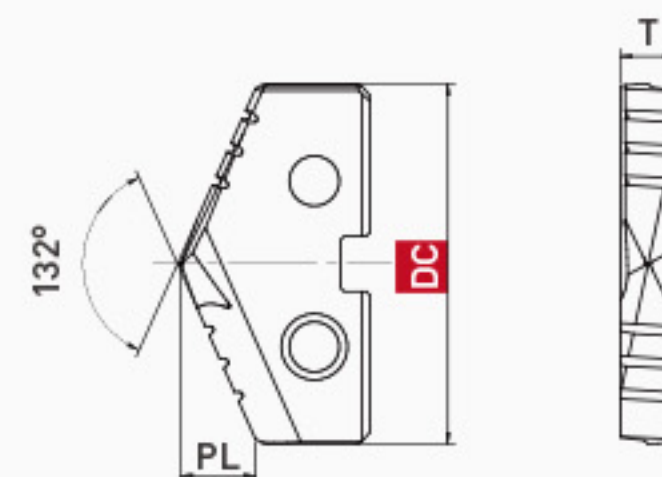


# SP-\*-15XH HSS INSERT OF SPADE DRILL

## 高速钢铲钻刀片

- 直径范围:13~114.3mm;
- 钻孔精度:IT10~IT11;
- HPM15-高速钢, 适用于硬度HB350以下的钢材。

- Diameter range: 13~114.3 mm.
- Drilling accuracy: IT10~IT11.
- HPM15- Powder HSS for steel with hardness below HB350.



单位(Unit): mm

| 刀片型号<br>MODEL   | 尺寸 SIZE |     |      | 刀杆接口<br>CONNECTOR | 库存<br>INVENTORY | 刀片型号<br>MODEL   | 尺寸 SIZE |      |      | 刀杆接口<br>CONNECTOR | 库存<br>INVENTORY |
|-----------------|---------|-----|------|-------------------|-----------------|-----------------|---------|------|------|-------------------|-----------------|
|                 | DC      | PL  | T    |                   |                 |                 | DC      | PL   | T    |                   |                 |
| SP-0-M0130-15XH | 13.00   | 2.9 | 3.18 | 00                | ▲               | SP-2-M0330-15XH | 33.00   | 7.3  | 4.76 | 25                | ▲               |
| SP-0-M0135-15XH | 13.50   | 3.0 |      |                   | ▲               | SP-2-M0340-15XH | 34.00   | 7.6  |      |                   | ▲               |
| SP-0-M0140-15XH | 14.00   | 3.1 |      |                   | ▲               | SP-2-M0350-15XH | 35.00   | 7.8  |      |                   | ▲               |
| SP-0-M0145-15XH | 14.50   | 3.2 |      |                   | ▲               | SP-3-M0360-15XH | 36.00   | 8.0  | 6.35 | 30                | ▲               |
| SP-0-M0150-15XH | 15.00   | 3.3 |      |                   | ▲               | SP-3-M0370-15XH | 37.00   | 8.2  |      |                   | ▲               |
| SP-0-M0155-15XH | 15.50   | 3.5 | 3.18 | 05                | ▲               | SP-3-M0380-15XH | 38.00   | 8.5  |      |                   | ▲               |
| SP-0-M0160-15XH | 16.00   | 3.6 |      |                   | ▲               | SP-3-M0390-15XH | 39.00   | 8.7  |      |                   | ▲               |
| SP-0-M0165-15XH | 16.50   | 3.7 |      |                   | ▲               | SP-3-M0400-15XH | 40.00   | 8.9  |      |                   | ▲               |
| SP-0-M0170-15XH | 17.00   | 3.8 |      |                   | ▲               | SP-3-M0410-15XH | 41.00   | 9.1  |      |                   | ▲               |
| SP-0-M0175-15XH | 17.50   | 3.9 |      |                   | ▲               | SP-3-M0420-15XH | 42.00   | 9.3  | 6.35 | 35                | ▲               |
| SP-1-M0180-15XH | 18.00   | 4.0 | 3.97 | 10                | ▲               | SP-3-M0430-15XH | 43.00   | 9.6  |      |                   | ▲               |
| SP-1-M0185-15XH | 18.50   | 4.1 |      |                   | ▲               | SP-3-M0440-15XH | 44.00   | 9.8  |      |                   | ▲               |
| SP-1-M0190-15XH | 19.00   | 4.2 |      |                   | ▲               | SP-3-M0450-15XH | 45.00   | 10.0 |      |                   | ▲               |
| SP-1-M0195-15XH | 19.50   | 4.3 |      |                   | ▲               | SP-3-M0460-15XH | 46.00   | 10.2 |      |                   | ▲               |
| SP-1-M0200-15XH | 20.00   | 4.5 |      |                   | ▲               | SP-3-M0470-15XH | 47.00   | 10.5 |      |                   | ▲               |
| SP-1-M0205-15XH | 20.50   | 4.6 | 3.97 | 15                | ▲               | SP-4-M0480-15XH | 48.00   | 10.7 | 7.94 | 40                | ▲               |
| SP-1-M0210-15XH | 21.00   | 4.7 |      |                   | ▲               | SP-4-M0490-15XH | 49.00   | 10.9 |      |                   | ▲               |
| SP-1-M0215-15XH | 21.50   | 4.8 |      |                   | ▲               | SP-4-M0500-15XH | 50.00   | 11.1 |      |                   | ▲               |
| SP-1-M0220-15XH | 22.00   | 4.9 |      |                   | ▲               | SP-4-M0510-15XH | 51.00   | 11.4 |      |                   | ▲               |
| SP-1-M0230-15XH | 23.00   | 5.1 |      |                   | ▲               | SP-4-M0520-15XH | 52.00   | 11.6 |      |                   | ▲               |
| SP-1-M0240-15XH | 24.00   | 5.3 | 4.76 | 20                | ▲               | SP-4-M0530-15XH | 53.00   | 11.8 | 7.94 | 45                | ▲               |
| SP-2-M0250-15XH | 25.00   | 5.6 |      |                   | ▲               | SP-4-M0540-15XH | 54.00   | 12.0 |      |                   | ▲               |
| SP-2-M0260-15XH | 26.00   | 5.8 |      |                   | ▲               | SP-4-M0550-15XH | 55.00   | 12.2 |      |                   | ▲               |
| SP-2-M0270-15XH | 27.00   | 6.0 |      |                   | ▲               | SP-4-M0560-15XH | 56.00   | 12.5 |      |                   | ▲               |
| SP-2-M0280-15XH | 28.00   | 6.2 |      |                   | ▲               | SP-4-M0570-15XH | 57.00   | 12.7 |      |                   | ▲               |
| SP-2-M0290-15XH | 29.00   | 6.5 | 4.76 | 25                | ▲               | SP-4-M0580-15XH | 58.00   | 12.9 |      |                   | ▲               |
| SP-2-M0300-15XH | 30.00   | 6.7 |      |                   | ▲               | SP-4-M0590-15XH | 59.00   | 13.1 |      |                   | ▲               |
| SP-2-M0310-15XH | 31.00   | 6.9 |      |                   | ▲               | SP-4-M0600-15XH | 60.00   | 13.4 |      |                   | ▲               |
| SP-2-M0320-15XH | 32.00   | 7.1 |      |                   | ▲               | SP-4-M0610-15XH | 61.00   | 13.6 |      |                   | ▲               |

英制规格详见P173~174 INCH SIZE ON P173-174

▲ 常备库存 △ 按订单生产 ▲ YES △ NO

### 被加工材料适用表 APPLICABLE TABLE OF PROCESSED MATERIALS

| ISO代码                      | P          | P                | P           | P          | M               | K         | K                   | N              | N                    | N             | S            | S               | H              | H              |
|----------------------------|------------|------------------|-------------|------------|-----------------|-----------|---------------------|----------------|----------------------|---------------|--------------|-----------------|----------------|----------------|
| 工件材料<br>WORKPIECE MATERIAL | 低碳钢        | 结构钢              | 合金钢         | 工具钢        | 不锈钢             | 铸铁        | 可锻铸铁                | 铝合金            | 铸造铝合金                | 铜合金           | 高温合金         | 钛合金             | 淬硬钢            | 淬硬钢            |
|                            | MILD STEEL | STRUCTURAL STEEL | ALLOY STEEL | TOOL STEEL | STAINLESS STEEL | CAST IRON | MALLEABLE CAST IRON | ALUMINUM ALLOY | CAST ALUMINUM ALLOYS | COPPER ALLOYS | SUPER ALLOYS | TITANIUM ALLOYS | HARDENED STEEL | HARDENED STEEL |
|                            | <500N      | <750N            | <1400N      | <1100N     | <900N           | <750N     | <1100N              | Si<12%         | Si>12%               | <750N         | <1100N       | <1100N          | <1400N         | <1600N         |
| 15XH                       | ●          | ●                | ●           | ●          | ●               | ○         | ○                   | ○              | ○                    | ○             | ○            |                 |                |                |

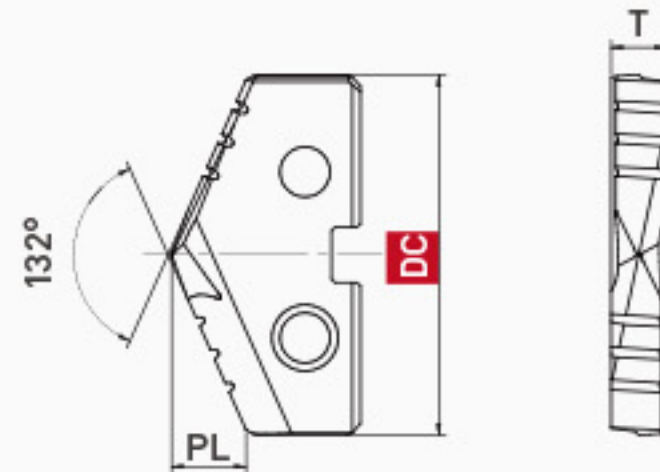
● 非常合适 ○ 合适 ● VERY SUITABLE ○ SUITABLE



# SP-\*-15XH HSS INSERT OF SPADE DRILL

## 高速钢铲钻刀片

- 直径范围:13~114.3mm;
  - 钻孔精度:IT10~IT11;
  - HPM15-高速钢,适用于硬度HB350以下的钢材。
- Diameter range: 13~114.3 mm.
  - Drilling accuracy: IT10~IT11.
  - HPM15-Powder HSS for steel with hardness below HB350.



T=11.11 钻尖角度为144°  
T=11.11 drill tip angle is 144°



单位(Unit): mm

| 刀片型号<br>MODEL   | 尺寸 SIZE |      |       | 刀杆接口<br>CONNECTOR | 库存<br>INVENTORY |
|-----------------|---------|------|-------|-------------------|-----------------|
|                 | DC      | PL   | T     |                   |                 |
| SP-4-M0620-15XH | 62.00   | 13.8 | 7.94  | 45                | ▲               |
| SP-4-M0630-15XH | 63.00   | 14.0 |       |                   | ▲               |
| SP-4-M0640-15XH | 64.00   | 14.2 |       |                   | ▲               |
| SP-4-M0650-15XH | 65.00   | 14.5 |       |                   | ▲               |
| SP-5-M0640-15XH | 64.00   | 10.4 | 11.11 | 50                | ▲               |
| SP-5-M0650-15XH | 65.00   | 10.6 |       |                   | ▲               |
| SP-5-M0660-15XH | 66.00   | 10.7 |       |                   | ▲               |
| SP-5-M0680-15XH | 68.00   | 11.0 |       |                   | ▲               |
| SP-5-M0770-15XH | 70.00   | 11.4 |       |                   | ▲               |
| SP-5-M0720-15XH | 72.00   | 11.7 |       |                   | ▲               |
| SP-5-M0740-15XH | 74.00   | 12.0 |       |                   | ▲               |
| SP-5-M0760-15XH | 76.00   | 12.3 |       |                   | ▲               |
| SP-6-M0770-15XH | 77.00   | 12.5 | 11.11 | 55                | ▲               |
| SP-6-M0780-15XH | 78.00   | 12.7 |       |                   | ▲               |
| SP-6-M0800-15XH | 80.00   | 13.0 |       |                   | ▲               |
| SP-6-M0820-15XH | 82.00   | 13.3 |       |                   | ▲               |
| SP-6-M0840-15XH | 84.00   | 13.6 |       |                   | ▲               |
| SP-6-M0860-15XH | 86.00   | 14.0 |       |                   | ▲               |
| SP-6-M0880-15XH | 88.00   | 14.3 |       |                   | ▲               |
| SP-6-M0890-15XH | 89.00   | 14.5 |       |                   | ▲               |
| SP-7-M0900-15XH | 90.00   | 14.6 | 11.11 | 70                | ▲               |
| SP-7-M0920-15XH | 92.00   | 14.9 |       |                   | ▲               |
| SP-7-M0940-15XH | 94.00   | 15.3 |       |                   | ▲               |
| SP-7-M0960-15XH | 96.00   | 15.6 |       |                   | ▲               |
| SP-7-M0980-15XH | 98.00   | 15.9 |       |                   | ▲               |
| SP-7-M1000-15XH | 100.00  | 16.2 |       |                   | ▲               |
| SP-8-M1020-15XH | 102.00  | 16.6 | 11.11 | 80                | ▲               |
| SP-8-M1040-15XH | 104.00  | 16.9 |       |                   | ▲               |
| SP-8-M1060-15XH | 106.00  | 17.2 |       |                   | ▲               |

| 刀片型号<br>MODEL   | 尺寸 SIZE |      |       | 刀杆接口<br>CONNECTOR | 库存<br>INVENTORY |
|-----------------|---------|------|-------|-------------------|-----------------|
|                 | DC      | PL   | T     |                   |                 |
| SP-8-M1080-15XH | 108.00  | 17.5 | 11.11 | 80                | ▲               |
| SP-8-M1100-15XH | 110.00  | 17.9 |       |                   | ▲               |
| SP-8-M1120-15XH | 112.00  | 18.2 |       |                   | ▲               |
| SP-8-M1140-15XH | 114.00  | 18.5 |       |                   | ▲               |

▲ 常备库存 △ 按订单生产 ▲ YES △ NO

英制规格详见P173~174 INCH SIZE ON P173~174

### 被加工材料适用表 APPLICABLE TABLE OF PROCESSED MATERIALS

| ISO代码                      | P          | P                | P           | P          | M               | K         | K                   | N              | N                    | N             | S            | S               | H              | H              |
|----------------------------|------------|------------------|-------------|------------|-----------------|-----------|---------------------|----------------|----------------------|---------------|--------------|-----------------|----------------|----------------|
| 工件材料<br>WORKPIECE MATERIAL | 低碳钢        | 结构钢              | 合金钢         | 工具钢        | 不锈钢             | 铸铁        | 可锻铸铁                | 铝合金            | 铸造铝合金                | 铜合金           | 高温合金         | 钛合金             | 淬硬钢            | 淬硬钢            |
|                            | MILD STEEL | STRUCTURAL STEEL | ALLOY STEEL | TOOL STEEL | STAINLESS STEEL | CAST IRON | MALLEABLE CAST IRON | ALUMINUM ALLOY | CAST ALUMINUM ALLOYS | COPPER ALLOYS | SUPER ALLOYS | TITANIUM ALLOYS | HARDENED STEEL | HARDENED STEEL |
|                            | <500N      | <750N            | <1400N      | <1100N     | <900N           | <750N     | <1100N              | Si<12%         | Si>12%               | <750N         | <1100N       | <1100N          | <1400N         | <1600N         |
| 15XH                       | ●          | ●                | ●           | ●          | ●               | ○         | ○                   | ○              | ○                    | ○             | ○            |                 |                |                |

● 非常适合 ○ 适合 ● VERY SUITABLE ○ SUITABLE

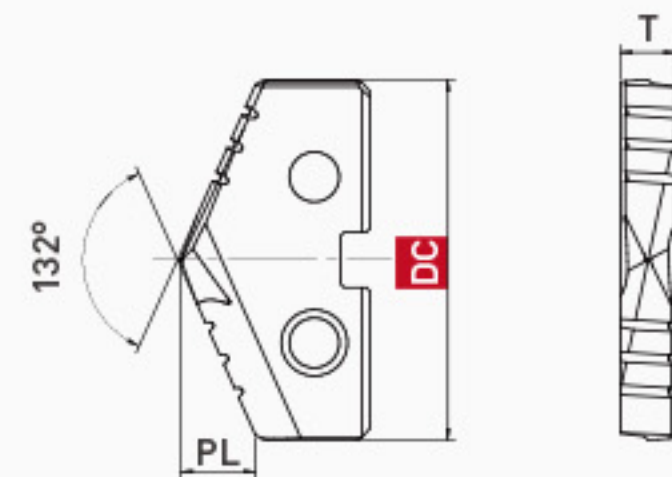


# SP-\*-15XH HSS INSERT OF SPADE DRILL

## 高速钢铲钻刀片

- 直径范围:9/16"~4-1/2";
- 钻孔精度:IT10~IT11;
- HPM15-高速钢, 适用于硬度HB350以下的钢材。

- Diameter range: 9/16"~4-1/2" .
- Drilling accuracy: IT10~IT11.
- HPM15- Powder HSS for steel with hardness below HB350.



T=7/16"(11.11)钻尖角度为144°  
T=7/16"(11.11)drill tip angle is 144 °



单位(Unit): inch

| 刀片型号<br>MODEL   | 尺寸 SIZE  |       |       | 刀杆接口<br>CONNECTOR | 库存<br>STOCK | 刀片型号<br>MODEL | 尺寸 SIZE         |          |        | 刀杆接口<br>CONNECTOR | 库存<br>STOCK |
|-----------------|----------|-------|-------|-------------------|-------------|---------------|-----------------|----------|--------|-------------------|-------------|
|                 | DC       | PL    | T     |                   |             |               | DC              | PL       | T      |                   |             |
| SP-0-I0562-15XH | 9/16"    | 14.29 | 0.126 | 1/8"<br>(3.18)    | 00          | ▲             | SP-4-I2312-15XH | 2-5/16"  | 58.74  | 0.516             | ▲           |
| SP-0-I0625-15XH | 5/8"     | 15.88 | 0.138 | 1/8"<br>(3.18)    | 05          | ▲             | SP-4-I2375-15XH | 2-3/8"   | 60.33  | 0.528             | ▲           |
| SP-0-I0687-15XH | 11/16"   | 17.46 | 0.154 |                   |             | ▲             | SP-4-I2437-15XH | 2-7/16"  | 61.91  | 0.543             | ▲           |
| SP-1-I0750-15XH | 3/4"     | 19.05 | 0.165 | 5/32"<br>(3.97)   | 10          | ▲             | SP-4-I2500-15XH | 2-1/2"   | 63.50  | 0.555             | ▲           |
| SP-1-I0812-15XH | 13/16"   | 20.64 | 0.181 |                   |             | ▲             | SP-4-I2562-15XH | 2-9/16"  | 65.09  | 0.571             | ▲           |
| SP-1-I0875-15XH | 7/8"     | 22.23 | 0.193 | 5/32"<br>(3.97)   | 15          | ▲             | SP-5-I2500-15XH | 2-1/2"   | 63.50  | 0.406             | ▲           |
| SP-1-I0937-15XH | 15/16"   | 23.81 | 0.209 |                   |             | ▲             | SP-5-I2562-15XH | 2-9/16"  | 65.09  | 0.417             | ▲           |
| SP-2-I1000-15XH | 1"       | 25.40 | 0.224 | 3/16"<br>(4.76)   | 20          | ▲             | SP-5-I2625-15XH | 2-5/8"   | 66.68  | 0.425             | ▲           |
| SP-2-I1062-15XH | 1-1/16"  | 26.99 | 0.236 |                   |             | ▲             | SP-5-I2812-15XH | 2-13/16" | 71.44  | 0.457             | ▲           |
| SP-2-I1125-15XH | 1-1/8"   | 28.58 | 0.252 |                   |             | ▲             | SP-5-I2875-15XH | 2-7/8"   | 73.03  | 0.469             | ▲           |
| SP-2-I1187-15XH | 1-3/16"  | 30.16 | 0.264 | 3/16"<br>(4.76)   | 25          | ▲             | SP-5-I2937-15XH | 2-15/16" | 74.61  | 0.476             | ▲           |
| SP-2-I1250-15XH | 1-1/4"   | 31.75 | 0.28  |                   |             | ▲             | SP-5-I3000-15XH | 3"       | 76.20  | 0.488             | ▲           |
| SP-2-I1312-15XH | 1-5/16"  | 33.34 | 0.291 |                   |             | ▲             | SP-5-I3031-15XH | 3-1/32"  | 76.99  | 0.492             | ▲           |
| SP-2-I1343-15XH | 1-11/32" | 34.13 | 0.299 |                   |             | ▲             | SP-6-I3062-15XH | 3-1/16"  | 77.79  | 0.496             | ▲           |
| SP-2-I1375-15XH | 1-3/8"   | 34.93 | 0.307 |                   |             | ▲             | SP-6-I3125-15XH | 3-1/8"   | 79.38  | 0.508             | ▲           |
| SP-3-I1437-15XH | 1-7/16"  | 36.51 | 0.319 | 1/4"<br>(6.35)    | 30          | ▲             | SP-6-I3187-15XH | 3-3/16"  | 80.96  | 0.52              | ▲           |
| SP-3-I1500-15XH | 1-1/2"   | 38.10 | 0.335 |                   |             | ▲             | SP-6-I3250-15XH | 3-1/4"   | 82.55  | 0.528             | ▲           |
| SP-3-I1562-15XH | 1-9/16"  | 39.69 | 0.346 |                   |             | ▲             | SP-6-I3312-15XH | 3-5/16"  | 84.14  | 0.539             | ▲           |
| SP-3-I1625-15XH | 1-5/8"   | 41.28 | 0.362 |                   |             | ▲             | SP-6-I3375-15XH | 3-3/8"   | 85.73  | 0.547             | ▲           |
| SP-3-I1687-15XH | 1-1/16"  | 42.68 | 0.374 | 1/4"<br>(6.35)    | 35          | ▲             | SP-6-I3437-15XH | 3-7/16"  | 87.31  | 0.559             | ▲           |
| SP-3-I1750-15XH | 1-3/4"   | 44.45 | 0.390 |                   |             | ▲             | SP-6-I3500-15XH | 3-1/2"   | 88.90  | 0.567             | ▲           |
| SP-3-I1812-15XH | 1-13/16" | 46.04 | 0.402 |                   |             | ▲             | SP-7-I3531-15XH | 3-17/32" | 89.96  | 0.575             | ▲           |
| SP-3-I1875-15XH | 1-7/8"   | 47.63 | 0.417 |                   |             | ▲             | SP-7-I3562-15XH | 3-9/16"  | 90.49  | 0.579             | ▲           |
| SP-4-I1937-15XH | 1-15/16" | 49.21 | 0.433 | 5/16"<br>(7.94)   | 40          | ▲             | SP-7-I3625-15XH | 3-5/8"   | 92.08  | 0.591             | ▲           |
| SP-4-I2000-15XH | 2"       | 50.80 | 0.445 |                   |             | ▲             | SP-7-I3687-15XH | 3-11/16" | 93.66  | 0.598             | ▲           |
| SP-4-I2062-15XH | 2-1/16"  | 52.39 | 0.461 |                   |             | ▲             | SP-7-I3750-15XH | 3-3/4"   | 95.25  | 0.61              | ▲           |
| SP-4-I2125-15XH | 2-1/8"   | 53.98 | 0.472 |                   |             | ▲             | SP-7-I3812-15XH | 3-13/16" | 96.84  | 0.618             | ▲           |
| SP-4-I2187-15XH | 2-3/16"  | 55.56 | 0.488 |                   |             | ▲             | SP-7-I3875-15XH | 3-7/8"   | 98.43  | 0.63              | ▲           |
| SP-4-I2250-15XH | 2-1/4"   | 57.15 | 0.5   | 5/16"<br>(7.94)   | 45          | ▲             | SP-7-I3937-15XH | 3-15/16" | 100.01 | 0.638             | ▲           |

公制规格详见P163~164 METRIC SIZE ON P163-164

▲ 常备库存 △ 按订单生产 ▲ YES △ NO

### 被加工材料适用表 APPLICABLE TABLE OF PROCESSED MATERIALS

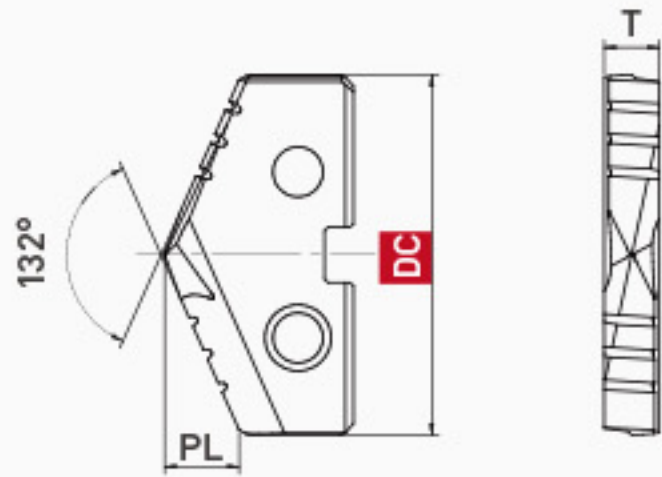
| ISO代码                      | P          | P                | P           | P          | M               | K         | K                   | N              | N                    | N             | S            | S               | H              | H              |
|----------------------------|------------|------------------|-------------|------------|-----------------|-----------|---------------------|----------------|----------------------|---------------|--------------|-----------------|----------------|----------------|
| 工件材料<br>WORKPIECE MATERIAL | 低碳钢        | 结构钢              | 合金钢         | 工具钢        | 不锈钢             | 铸铁        | 可锻铸铁                | 铝合金            | 铸造铝合金                | 铜合金           | 高温合金         | 钛合金             | 淬硬钢            | 淬硬钢            |
|                            | MILD STEEL | STRUCTURAL STEEL | ALLOY STEEL | TOOL STEEL | STAINLESS STEEL | CAST IRON | MALLEABLE CAST IRON | ALUMINUM ALLOY | CAST ALUMINUM ALLOYS | COPPER ALLOYS | SUPER ALLOYS | TITANIUM ALLOYS | HARDENED STEEL | HARDENED STEEL |
|                            | <500N      | <750N            | <1400N      | <1100N     | <900N           | <750N     | <1100N              | Si<12%         | Si>12%               | <750N         | <1100N       | <1100N          | <1400N         | <1600N         |
| 15XH                       | ●          | ●                | ●           | ●          | ●               | ○         | ○                   | ○              | ○                    | ○             | ○            |                 |                |                |

● 非常适合 ○ 适合 ● VERY SUITABLE ○ SUITABLE



# SP-\*-15XH HSS INSERT OF SPADE DRILL 高速钢铲钻刀片

- 直径范围:9/16"~4-1/2";
- 钻孔精度:IT10~IT11;
- HPM15-高速钢, 适用于硬度HB350以下的钢材。
- Diameter range: 9/16"~4-1/2" .
- Drilling accuracy: IT10~IT11.
- HPM15-Powder HSS for steel with hardness below HB350.



T=7/16"(11.11)钻尖角度为144°  
T=7/16"(11.11)drill tip angle is 144 °



| 刀片型号<br>MODEL   | 尺寸 SIZE |        |       | 刀杆接口<br>CONNECTOR | 库存<br>STOCK |
|-----------------|---------|--------|-------|-------------------|-------------|
|                 | DC      | PL     | T     |                   |             |
| SP-7-I4000-15XH | 4"      | 101.60 | 0.65  | 70                | ▲           |
| SP-8-I4125-15XH | 4-1/8"  | 104.78 | 0.669 | 80                | ▲           |
| SP-8-I4250-15XH | 4-1/4"  | 107.95 | 0.689 |                   | ▲           |
| SP-8-I4500-15XH | 4-1/2"  | 114.30 | 0.732 |                   | ▲           |

公制规格详见P163~164 METRIC SIZE ON P163~164 ▲ 常备库存 △按订单生产 ▲ YES △ NO

## 被加工材料适用表 APPLICABLE TABLE OF PROCESSED MATERIALS

| ISO代码                      | P                | P                          | P                  | P                 | M                         | K              | K                              | N                        | N                                    | N                       | S                       | S                         | H                        | H                        |
|----------------------------|------------------|----------------------------|--------------------|-------------------|---------------------------|----------------|--------------------------------|--------------------------|--------------------------------------|-------------------------|-------------------------|---------------------------|--------------------------|--------------------------|
| 工件材料<br>WORKPIECE MATERIAL | 低碳钢<br>MLD STEEL | 结构钢<br>STRUCTURSL<br>STEEL | 合金钢<br>ALLOR STEEL | 工具钢<br>TOOL STEEL | 不锈钢<br>STAINLESS<br>STEEL | 铸铁<br>CASTIRON | 可锻铸铁<br>MALLEABLE<br>CAST IRON | 铝合金<br>ALUMINUM<br>ALLOY | 铸造<br>铝合金<br>CAST ALUMINUM<br>ALLOYS | 铜合金<br>COPPER<br>ALLOYS | 高温合金<br>SUPER<br>ALLOYS | 钛合金<br>TITANIUM<br>ALLOYS | 淬硬钢<br>HARDENED<br>STEEL | 淬硬钢<br>HARDENED<br>STEEL |
|                            | <500N            | <750N                      | <1400N             | <1100N            | <900N                     | <750N          | <1100N                         | Si<12%                   | Si>12%                               | <750N                   | <1100N                  | <1100N                    | <1400N                   | <1600N                   |
| 15XH                       | ●                | ●                          | ●                  | ●                 | ●                         | ○              | ○                              | ○                        | ○                                    | ○                       | ○                       |                           |                          |                          |

● 非常适合 ○ 适合 ● VERY SUITABLE ○ SUITABLE