

Point dia.	Shank dia.	Overall length	Point length
Dc	Ds	L	ℓ <sub>1</sub>

JIS

## PE-S

Point Drills 60°



### Specification

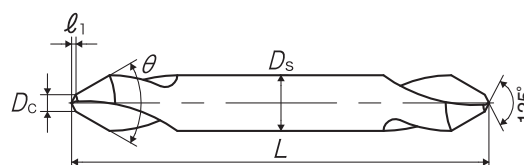
**HSS**

■ PE-S is the point drill enabling positioning (125° edge angle) and chamfering (60°) simultaneously. High cutting accuracy is available owing to a good cutting-start due to 2 step flat design.

### Cutting Speed depending on Materials

Low carbon steels 低碳素鋼 <b>30~40</b> (m/min)	Medium carbon steels 中炭素鋼 <b>25~35</b> (m/min)	High carbon steels 高炭素鋼 <b>20~30</b> (m/min)	Alloy steels 合金鋼 <b>20~25</b> (m/min)	Stainless steels ステンレス鋼 <b>10~15</b> (m/min)	Cast irons 鑄鉄 <b>30~40</b> (m/min)	Aluminum alloy castings アルミ合金鋳物 <b>70~100</b> (m/min)
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### TYPE: 1



Segment : 56

Size Ds × Dc × θ	Code	Dc (mm)	Ds (mm)	L (mm)	ℓ <sub>1</sub> (mm)	TYPE	MSRP
3 × 0.5 × 60°	PE3.0S	0.5	3	40	0.13	1	¥ 2,930
4 × 1 × 60°	PE4.0S	1	4	45	0.26	1	¥ 2,380
6 × 2 × 60°	PE6.0S	2	6	55	0.52	1	¥ 2,260
8 × 2.5 × 60°	PE8.0S	2.5	8	65	0.65	1	¥ 2,710
10 × 3 × 60°	PE010S	3	10	75	0.78	1	¥ 4,050
12 × 3.5 × 60°	PE012S	3.5	12	85	0.91	1	¥ 5,330
16 × 4 × 60°	PE016S	4	16	90	1.04	1	¥ 9,090
20 × 5 × 60°	PE020S	5	20	100	1.30	1	¥ 13,600

Spiral Fluted Taps  
(for blind hole) ①

Spiral Fluted Taps  
(for through hole) ②

Spiral Pointed Taps  
(for through hole) ③

Hand Taps ④

Cemented Carbide Taps ⑤

Roll Taps ⑥

Special Thread Taps  
Simple Inspection Tools ⑦

Pipe Taps ⑧

Thread Mills  
Premium Thread Mills ⑨

Dies ⑩

Center Drills  
Centering Tools ⑪

Precision Machinery/  
Metal/Surgical Instruments ⑫