

Point dia.	Shank dia.	Overall length	Point length
Dc	Ds	L	ℓ ₁

JIS

① Spiral Fluted Taps
(for blind hole)

② Spiral Fluted Taps
(for through hole)

③ Spiral Pointed Taps
(for through hole)

④ Hand Taps

⑤ Cemented Carbide Taps

⑥ Roll Taps

⑦ Special Thread Taps
Simple inspection tools

⑧ Pipe Taps

⑨ Thread Mills
Premium Thread Mills

Dies

⑩

⑪ Center Drills
Centering Tools

⑫ Precision Machinery/
Medical Surgical Instruments

JIS

⑪-49



PE-S V

Point Drills 60°, Coated



Specification



■ PE-S V is the coated 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. Optimum coating suitable for the cutting condition.

Cutting Speed depending on Materials

Low carbon steels
低碳素鋼
40~50
(m/min)

Medium carbon steels
中炭素鋼
30~45
(m/min)

High carbon steels
高炭素鋼
30~40
(m/min)

Alloy steels
合金鋼
25~35
(m/min)

Thermal refined steels
調質鋼
10~15
(m/min)

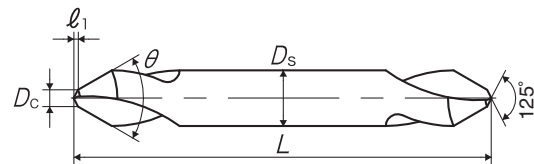
Stainless steels
ステンレス鋼
10~20
(m/min)

Cast irons
鑄鉄
40~50
(m/min)

Aluminum alloy castings
アルミ合金鑄物
85~120
(m/min)

25~35HRC

TYPE: 1



Segment : 56

Size Ds × Dc × θ	Code	Dc (mm)	Ds (mm)	L (mm)	ℓ ₁ (mm)	TYPE	MSRP
3 × 0.5 × 60°	VPE3.0S	0.5	3	40	0.13	1	¥ 4,930
4 × 1 × 60°	VPE4.0S	1	4	45	0.26	1	¥ 4,560
6 × 2 × 60°	VPE6.0S	2	6	55	0.52	1	¥ 4,990
8 × 2.5 × 60°	VPE8.0S	2.5	8	65	0.65	1	¥ 6,250
10 × 3 × 60°	VPE010S	3	10	75	0.78	1	¥ 8,000
12 × 3.5 × 60°	VPE012S	3.5	12	85	0.91	1	¥ 10,200
16 × 4 × 60°	VPE016S	4	16	90	1.04	1	¥ 15,300
20 × 5 × 60°	VPE020S	5	20	100	1.30	1	¥ 23,500