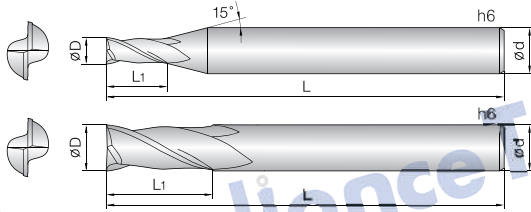


2 Flutes Hard Cut Standard End Mills For Hardened Steels



2HPE

- Endmills for various work materials (HRC 52~68) Pre-hardened steels and Hardened steels.
- Good wear resistance by high quality Si-based H coating.
- High-Precise edge tolerance.
- Reinforced edge design for preventing edge chipping.
- Good surface finish.
- Outstanding performance at high speed machining by ultra fine (0.2μm) WC grade.

Unit(mm)

Model Number	Cutting Dia. D	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
2HPE 005 010 445	0.5	1	-	45	4
2HPE 0055 011 445	0.55	1.1	-	45	4
2HPE 006 012 445	0.6	1.2	-	45	4
2HPE 0065 013 445	0.65	1.3	-	45	4
2HPE 007 014 445	0.7	1.4	-	45	4
2HPE 0075 015 445	0.75	1.5	-	45	4
2HPE 008 016 445	0.8	1.6	-	45	4
2HPE 0085 017 445	0.85	1.7	-	45	4
2HPE 009 020 445	0.9	2	-	45	4
2HPE 0095 020 445	0.95	2	-	45	4
2HPE 010 025 345	1	2.5	-	45	3
2HPE 010 025 445	1	2.5	-	45	4
2HPE 010 025 650	1	2.5	-	50	6
2HPE 011 027 445	1.1	2.7	-	45	4
2HPE 012 030 345	1.2	3	-	45	3
2HPE 012 030 445	1.2	3	-	45	4
2HPE 013 032 445	1.3	3.2	-	45	4
2HPE 014 035 445	1.4	3.5	-	45	4
2HPE 015 040 345	1.5	4	-	45	3
2HPE 015 040 445	1.5	4	-	45	4
2HPE 015 040 650	1.5	4	-	50	6
2HPE 016 040 445	1.6	4	-	45	4
2HPE 017 042 445	1.7	4.2	-	45	4
2HPE 018 045 445	1.8	4.5	-	45	4
2HPE 019 050 445	1.9	5	-	45	4
2HPE 020 060 345	2	6	-	45	3

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Unit(mm)

Model Number	Cutting Dia. D	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
2HPE 020 060 445	2	6	-	45	4
2HPE 020 060 650	2	6	-	50	6
2HPE 021 060 445	2.1	6	-	45	4
2HPE 022 060 445	2.2	6	-	45	4
2HPE 023 060 445	2.3	6	-	45	4
2HPE 024 080 445	2.4	8	-	45	4
2HPE 025 080 345	2.5	8	-	45	3
2HPE 025 080 445	2.5	8	-	45	4
2HPE 025 080 650	2.5	8	-	50	6
2HPE 026 080 445	2.6	8	-	45	4
2HPE 027 080 445	2.7	8	-	45	4
2HPE 028 080 445	2.8	8	-	45	4
2HPE 029 080 445	2.9	8	-	45	4
2HPE 030 080 350	3	8	-	50	3
2HPE 030 080 445	3	8	-	45	4
2HPE 030 080 650	3	8	-	50	6
2HPE 035 100 650	3.5	10	-	50	6
2HPE 040 100 445	4	10	-	45	4
2HPE 040 110 650	4	11	-	50	6
2HPE 045 110 650	4.5	11	-	50	6
2HPE 050 130 650	5	13	-	50	6
2HPE 055 130 650	5.5	13	-	50	6
2HPE 060 130 650	6	13	-	50	6
2HPE 065 160 860	6.5	16	-	60	8
2HPE 070 160 860	7	16	-	60	8
2HPE 075 160 860	7.5	16	-	60	8
2HPE 080 190 860	8	19	-	60	8
2HPE 085 190 A75	8.5	19	-	75	10
2HPE 090 190 A75	9	19	-	75	10
2HPE 095 190 A75	9.5	19	-	75	10
2HPE 100 220 A75	10	22	-	75	10
2HPE 105 220 C75	10.5	22	-	75	12
2HPE 110 220 C75	11	22	-	75	12
2HPE 115 220 C75	11.5	22	-	75	12
2HPE 120 260 C75	12	26	-	75	12
2HPE 140 260 E75	14	26	-	75	14

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Unit(mm)

Model Number	Cutting Dia. D	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
2HPE 140 260 GA0	14	26	-	100	16
2HPE 160 350 GA0	16	35	-	100	16
2HPE 180 350 IA0	18	35	-	100	18
2HPE 200 400 KA0	20	40	-	100	20

ECO-CUT

WIDE-CUT

HARD-CUT

ALU-CUT

D-CUT

SUS CUT

MAGIC DRILLS