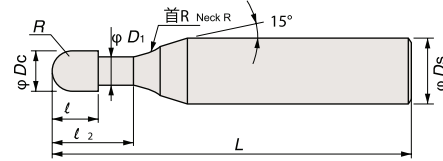


ดอกเอ็นมิลล์

EPOCH SHRINK MASTER BALL ESHB2 - H - ATH

2Flutes



High-accuracy rating product

Inspection certificate included

High accuracy rating product



+0.001 ~ -0.003



Ds ≤ 10 : 0 ~ -0.004
10 < Ds : 0 ~ -0.005

(mm)

Ideal for press-fit holders. High-accuracy rating product.

Item Code	Stock	Size (mm)								θκ Interference Angle	Effective length (Effective length for work angle)					
		R Ball radius	Dc Tool Dia.	ℓ Flute Length	D1 Neck Dia.	ℓ2 Under Neck length	Neck R	L Overall length	Ds Shank Dia.		0°	0.5°	1°	1.5°	2°	3°
		ESHB2010-H-TH	●	0.5	1	1	0.95	2.5	4		40	4	11.04	2.94	3.11	3.26
ESHB2015-H-TH	●	0.75	1.5	1.5	1.45	3.75	4	40	4	9.16	4.19	4.42	4.60	4.76	4.90	5.16
ESHB2020-H-TH	●	1	2	2	1.95	5	4	45	6	9.82	5.44	5.72	5.93	6.11	6.27	6.56
ESHB2025-H-TH	●	1.25	2.5	2.5	2.45	6.25	4	45	6	8.57	6.69	7.02	7.26	7.46	7.63	7.94
ESHB2030-H-TH	●	1.5	3	3	2.9	7.5	4	45	6	7.26	8.13	8.43	8.67	8.87	9.05	9.37
ESHB2035-H-TH	●	1.75	3.5	3.5	3.4	8.75	4	45	6	6.03	9.38	9.72	9.98	10.19	10.39	10.72
ESHB2040-H-TH	●	2	4	4	3.9	10	4	45	6	4.80	10.63	11.00	11.28	11.51	11.72	12.18
ESHB2050-H-TH	●	2.5	5	5	4.9	12.5	4	50	6	2.38	13.13	13.57	13.88	14.14	14.37	-
ESHB2060-H-TH	●	3	6	6	5.9	15	-	50	6	-	15.00	-	-	-	-	-
ESHB2080-H-TH	●	4	8	8	7.9	20	-	60	8	-	20.00	-	-	-	-	-
ESHB2100-H-TH	●	5	10	10	9.9	25	-	70	10	-	25.00	-	-	-	-	-
ESHB2120-H-TH	●	6	12	12	11.9	30	-	75	12	-	30.00	-	-	-	-	-

● : Stocked Items.

ดอกเอ็นมิลล์

EPOCH SHRINK MASTER BALL ESHB2 - N - ATH

Standard rating product



±0.005



Ds ≤ 10 : 0 ~ -0.004
10 < Ds : 0 ~ -0.005

(mm)

Ideal for press-fit holders. Standard rating product

Item Code	Stock	Size (mm)								θκ Interference Angle	Effective length (Effective length for work angle)					
		R Ball radius	Dc Tool Dia.	ℓ Flute Length	D1 Neck Dia.	ℓ2 Under Neck length	Neck R	L Overall length	Ds Shank Dia.		0°	0.5°	1°	1.5°	2°	3°
		ESHB2010-N-TH	●	0.5	1	1	0.95	2.5	4		40	4	11.04	2.94	3.11	3.26
ESHB2015-N-TH	●	0.75	1.5	1.5	1.45	3.75	4	40	4	9.16	4.19	4.42	4.60	4.76	4.90	5.16
ESHB2020-N-TH	●	1	2	2	1.95	5	4	45	6	9.82	5.44	5.72	5.93	6.11	6.27	6.56
ESHB2025-N-TH	●	1.25	2.5	2.5	2.45	6.25	4	45	6	8.57	6.69	7.02	7.26	7.46	7.63	7.94
ESHB2030-N-TH	●	1.5	3	3	2.9	7.5	4	45	6	7.26	8.13	8.43	8.67	8.87	9.05	9.37
ESHB2035-N-TH	●	1.75	3.5	3.5	3.4	8.75	4	45	6	6.03	9.38	9.72	9.98	10.19	10.39	10.72
ESHB2040-N-TH	●	2	4	4	3.9	10	4	45	6	4.80	10.63	11.00	11.28	11.51	11.72	12.18
ESHB2050-N-TH	●	2.5	5	5	4.9	12.5	4	50	6	2.38	13.13	13.57	13.88	14.14	14.37	-
ESHB2060-N-TH	●	3	6	6	5.9	15	-	50	6	-	15.00	-	-	-	-	-
ESHB2080-N-TH	●	4	8	8	7.9	20	-	60	8	-	20.00	-	-	-	-	-
ESHB2100-N-TH	●	5	10	10	9.9	25	-	70	10	-	25.00	-	-	-	-	-
ESHB2120-N-TH	●	6	12	12	11.9	30	-	75	12	-	30.00	-	-	-	-	-

● : Stocked Items.