



Order Code	Stock	Size (mm)					
		Dc Tool Dia.	ℓ Flute Length	ℓ <sub>2</sub> Under neck length	D1 Neck dia.	L Overall length	Ds Shank Dia.
EMSBH0152-30-ATH	<input type="checkbox"/>	1.52	15.0	30.0	1.46	70	4.0
EMSBH0152-45-ATH	<input type="checkbox"/>			45.0			
EMSBH0200-20-ATH	<input checked="" type="checkbox"/>	2.0	20.0	20.0	1.92	100	4.0
EMSBH0200-40-ATH	<input checked="" type="checkbox"/>			40.0			
EMSBH0200-60-ATH	<input checked="" type="checkbox"/>			60.0			

Order Code	Stock	Size (mm)					
		Dc Tool Dia.	ℓ Flute Length	ℓ <sub>2</sub> Under neck length	D1 Neck dia.	L Overall length	Ds Shank Dia.
EMSBH0201-20-ATH	<input type="checkbox"/>	2.01	20.0	20.0	1.93	100	4.0
EMSBH0201-40-ATH	<input type="checkbox"/>			40.0			
EMSBH0201-60-ATH	<input type="checkbox"/>	2.02	20.0	60.0	1.94	100	4.0
EMSBH0202-20-ATH	<input type="checkbox"/>			20.0			
EMSBH0202-40-ATH	<input type="checkbox"/>			40.0			
EMSBH0202-60-ATH	<input type="checkbox"/>			60.0		100	

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(NOTE) For products with tool dimensions other than those listed above, separate consultation is needed. Please contact to sales office.

**Carbide Drills**

ดอกสว่านคาร์ไบด์

**HSS Drills**

ดอกสว่านไฮสปีด

Stub / Standard

ตัวสั้น / มาตรฐาน

Long

ตัวยาว

**Micro Drill**

ดอกสว่านไมโคร

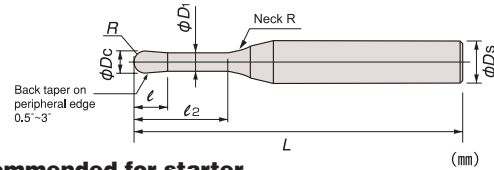
Z Plunging

Step Borer

### ดอกสว่าน

### Special Starter

### EPDBEH2-ATH



**Use of Epoch Deep Ball Evolution Hard (EPDBEH-ATH) is recommended for starter.**



R ≤ 0.25 : ±0.003  
0.25 < R : ±0.005



0 ~ -0.005

(mm)

Order Code	Stock	Size (mm)							
		R Ball radius	Dc Tool Dia.	ℓ <sub>2</sub> Under neck length	ℓ Flute length	D1 Neck dia.	L Overall length	Ds Shank Dia.	Neck R
EPDBEH2001-0.2-ATH	●	0.05	0.1	0.2	0.08	0.08	45	4	1
EPDBEH20011-0.2-ATH	□	0.055	0.11	0.2	0.09	0.09	45	4	1
EPDBEH20012-0.2-ATH	□	0.06	0.12	0.2	0.1	0.1	45	4	1
EPDBEH20015-0.2-ATH	□	0.075	0.15	0.2	0.13	0.13	45	4	1
EPDBEH2002-0.5-ATH	●	0.1	0.2	0.5	0.15	0.17	50	4	1
EPDBEH20021-0.5-ATH	□	0.105	0.21	0.5	0.16	0.18	50	4	1
EPDBEH20022-0.5-ATH	□	0.11	0.22	0.5	0.17	0.19	50	4	1
EPDBEH2003-0.5-ATH	●	0.15	0.3	0.5	0.25	0.27	50	4	2
EPDBEH20031-0.5-ATH	□	0.155	0.31	0.5	0.26	0.28	50	4	2
EPDBEH20032-0.5-ATH	□	0.16	0.32	0.5	0.27	0.29	50	4	2
EPDBEH2004-0.75-ATH	●	0.2	0.4	0.75	0.3	0.37	50	4	2
EPDBEH20041-0.75-ATH	□	0.205	0.41	0.75	0.31	0.38	50	4	2
EPDBEH20042-0.75-ATH	□	0.21	0.42	0.75	0.32	0.39	50	4	2
EPDBEH2005-1-ATH	●	0.25	0.5	1	0.35	0.47	50	4	2
EPDBEH20051-1-ATH	□	0.255	0.51	1	0.36	0.48	50	4	2
EPDBEH20052-1-ATH	□	0.26	0.52	1	0.37	0.49	50	4	2
EPDBEH2006-1-ATH	●	0.3	0.6	1	0.4	0.57	50	4	4
EPDBEH20061-1-ATH	□	0.305	0.61	1	0.41	0.58	50	4	4
EPDBEH20062-1-ATH	□	0.31	0.62	1	0.42	0.59	50	4	4
EPDBEH2007-2-ATH	●	0.35	0.7	2	0.45	0.67	50	4	4
EPDBEH20071-2-ATH	□	0.355	0.71	2	0.46	0.68	50	4	4
EPDBEH20072-2-ATH	□	0.36	0.72	2	0.47	0.69	50	4	4
EPDBEH2008-2-ATH	●	0.4	0.8	2	0.5	0.77	50	4	4
EPDBEH20081-2-ATH	□	0.405	0.81	2	0.51	0.78	50	4	4
EPDBEH20082-2-ATH	□	0.41	0.82	2	0.52	0.79	50	4	4
EPDBEH2009-2-ATH	●	0.45	0.9	2	0.6	0.87	50	4	4
EPDBEH20091-2-ATH	□	0.455	0.91	2	0.61	0.88	50	4	4
EPDBEH20092-2-ATH	□	0.46	0.82	2	0.62	0.89	50	4	4
EPDBEH2010-2-ATH	●	0.5	1	2	0.8	0.96	50	4	4
EPDBEH20101-2-ATH	□	0.505	1.01	2	0.81	0.97	50	4	4
EPDBEH20102-2-ATH	□	0.51	1.02	2	0.82	0.98	50	4	4
EPDBEH2015-2-ATH	●	0.75	1.5	2	1.35	1.44	50	4	4
EPDBEH20151-2-ATH	□	0.755	1.51	2	1.36	1.45	50	4	4
EPDBEH20152-2-ATH	□	0.76	1.52	2	1.37	1.46	50	4	4
EPDBEH2020-3-ATH	●	1	2	3	1.7	1.92	50	4	4
EPDBEH20201-3-ATH	□	1.005	2.01	3	1.71	1.93	50	4	4
EPDBEH20202-3-ATH	□	1.01	2.02	3	1.72	1.94	50	4	4

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