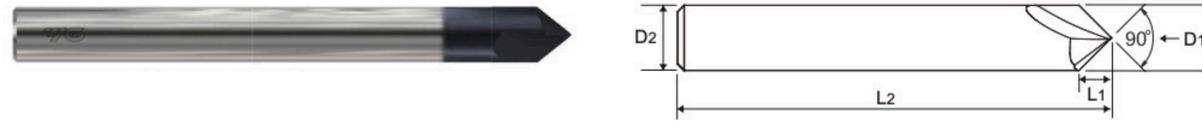


**SOLID CARBIDE END MILLS  
2 FLUTE CHAMFER CUT**

SERIES  
PLAIN SHANK **EHI28**  
FLAT SHANK **EHK37**

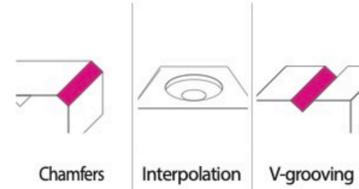
- ▶ Suitable for edge chamfering, centering, and similar operations.
- ▶ Excellent performance on materials such as stainless steel, mild steel, and cast iron.



Unit : mm

EDP No.		Mill Diameter	Shank Diameter	Length of Cut	Overall Length
PLAIN	FLAT	D <sub>1</sub>	D <sub>2</sub>	L <sub>1</sub>	L <sub>2</sub>
EHI28030	-	0	3	1.5	60
EHI28040	-	0	4	2	60
EHI28060	EHK37060	0	6	3	60
EHI28080	EHK37080	0	8	4	70
EHI28100	EHK37100	0	10	5	75
EHI28120	EHK37120	0	12	6	80
EHI28160	EHK37160	0	16	8	100
EHI28200	EHK37200	0	20	10	100

Shank Dia. Tolerance  
h5



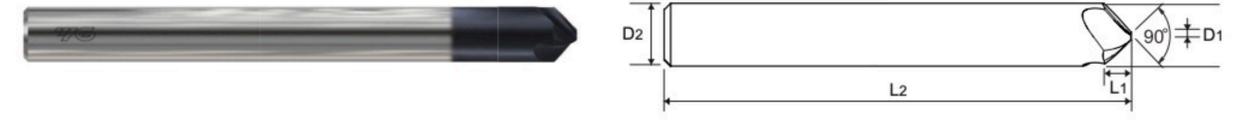
◎ : Excellent ○ : Good

ISO Material Description	P										M					K																										
	Non-alloy steel					Low alloy steel					High alloyed steel and tool steel					Stainless steel		Grey cast iron		Nodular cast iron	Malleable cast iron																					
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	
HRc	13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25	35	21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
Recommended	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

**SOLID CARBIDE END MILLS  
3 FLUTE CHAMFER CUT**

SERIES  
PLAIN SHANK **EHI29**  
FLAT SHANK **EHK38**

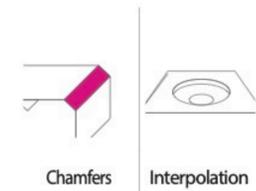
- ▶ The helix design enhances cutting performance and improves chamfer surface finish quality.
- ▶ Designed with a dubbed point to prevent chipping at the tip.



Unit : mm

EDP No.		Mill Diameter	Shank Diameter	Length of Cut	Overall Length
PLAIN	FLAT	D <sub>1</sub>	D <sub>2</sub>	L <sub>1</sub>	L <sub>2</sub>
EHI29030	-	0.8	3	1.1	60
EHI29040	-	0.8	4	1.6	60
EHI29060	EHK38060	1.0	6	2.5	60
EHI29080	EHK38080	1.0	8	3.5	70
EHI29100	EHK38100	2.0	10	4	75
EHI29120	EHK38120	2.0	12	5	80

Mill Dia. Tolerance (mm)	Shank Dia. Tolerance
0~-0.020	h5



◎ : Excellent ○ : Good

ISO Material Description	P										M					K																										
	Non-alloy steel					Low alloy steel					High alloyed steel and tool steel					Stainless steel		Grey cast iron		Nodular cast iron	Malleable cast iron																					
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	
HRc	13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25	35	21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Recommended	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

**SOLID CARBIDE END MILLS  
4 FLUTE CHAMFER CUT**

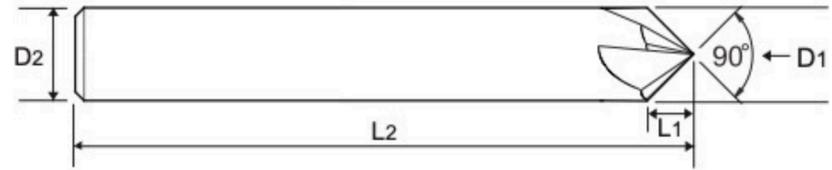
PLAIN SHANK

**EHI30**

FLAT SHANK

**EHK39**

- ▶ The increased number of cutting edges extends tool life and improves productivity.
- ▶ Improved surface finish quality on workpiece.



Unit : mm

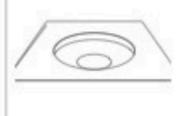
EDP No.		Mill Diameter	Shank Diameter	Length of Cut	Overall Length
PLAIN	FLAT	D <sub>1</sub>	D <sub>2</sub>	L <sub>1</sub>	L <sub>2</sub>
EHI30030	-	0	3	1.5	60
EHI30040	-	0	4	2	60
EHI30060	EHK39060	0	6	3	60
EHI30080	EHK39080	0	8	4	70
EHI30100	EHK39100	0	10	5	75
EHI30120	EHK39120	0	12	6	80
EHI30160	EHK39160	0	16	8	100
EHI30200	EHK39200	0	20	10	100

 Shank Dia.  
Tolerance

h5



Chamfers



Interpolation

◎ : Excellent ○ : Good

ISO Material Description	P										M				K						
	Non-alloy steel					Low alloy steel					High alloyed steel, and tool steel		Stainless steel		Grey cast iron		Nodular cast iron		Malleable cast iron		
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
HRc		13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25		21	
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230	
Recommended	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	○	○	○	○	○	○	○	○	○	
ISO Material Description	N								S							H					
	Aluminum- wrought alloy		Aluminum-cast, alloyed			Copper and Copper Alloys (Bronze / Brass)			Non Metallic Materials	Heat Resistant Super Alloys					Titanium Alloys		Hardened steel	Chilled Cast Iron	Hardened Cast Iron		
VDI 3323	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
HRc											15	30	25	38	34			55	60	42	55
HB	60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550
Recommended	○	○	○	○	○											○	○				