

SOLID CARBIDE ALU-POWER END MILLS
CARBIDE, 2 FLUTE 45° HELIX LONG LENGTH

PLAIN SHANK

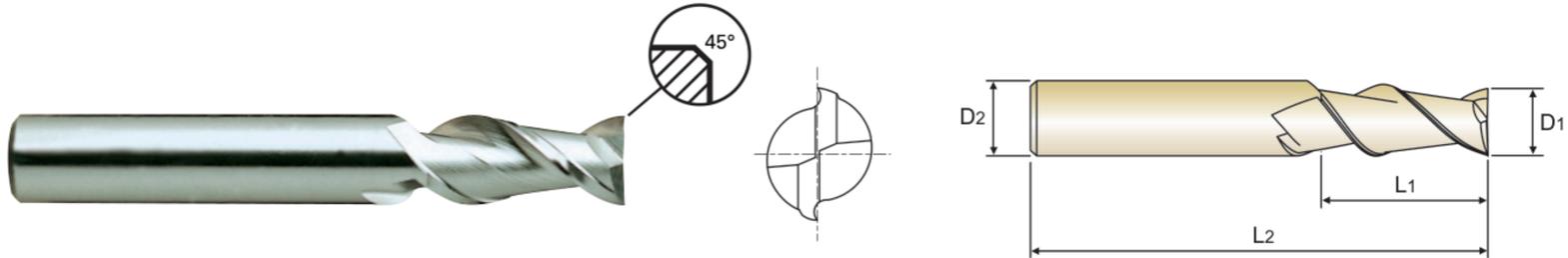
E5522 SERIES

FLAT SHANK

E5521 SERIES

NEW SIZES

- ▶ Excellent results on aluminum and copper materials
- ▶ Optimized cutting edges for increased tool life
- ▶ Mirror surface flutes for excellent chip evacuation and surface finish



*** NEW SIZE**

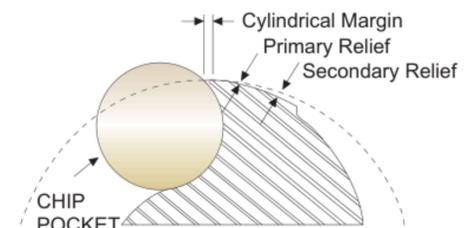
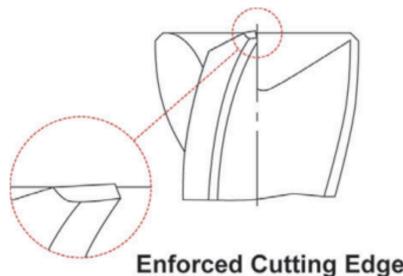
Unit : mm

EDP No.		Mill Diameter	Shank Diameter	Length of Cut	Overall Length	Chamfer
PLAIN	FLAT	D1	D2	L1	L2	
E5522030	E5521030	3.0	6	8	57	0.05
* E5522901	-	3.0	6	11	55	0.05
* E5522902	-	3.0	6	15	65	0.05
E5522040	E5521040	4.0	6	11	57	0.05
* E5522903	-	4.0	6	13	55	0.05
* E5522904	-	4.0	6	16	65	0.05
E5522050	E5521050	5.0	6	13	57	0.05
* E5522905	-	5.0	6	17	55	0.05
* E5522906	-	5.0	6	22	60	0.05
E5522060	E5521060	6.0	6	13	57	0.05
* E5522907	-	6.0	6	17	60	0.05
* E5522908	-	6.0	6	25	70	0.05
* E5522909	-	7.0	8	22	65	0.05
E5522080	E5521080	8.0	8	19	63	0.05
* E5522910	-	8.0	8	22	70	0.05
* E5522911	-	8.0	8	30	80	0.05
E5522100	E5521100	10.0	10	22	7	0.1
* E5522912	-	10.0	10	27	75	0.1
* E5522913	-	10.0	10	35	90	0.1

▶ DLC Coatings is available on your request.

▶ NEXT PAGE

Mill Dia. Tolerance (mm)	Shank Dia. Tolerance
0 ~ -0.015	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	
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	
Recommend																					

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
Recommend	◎	◎	◎	◎	○																



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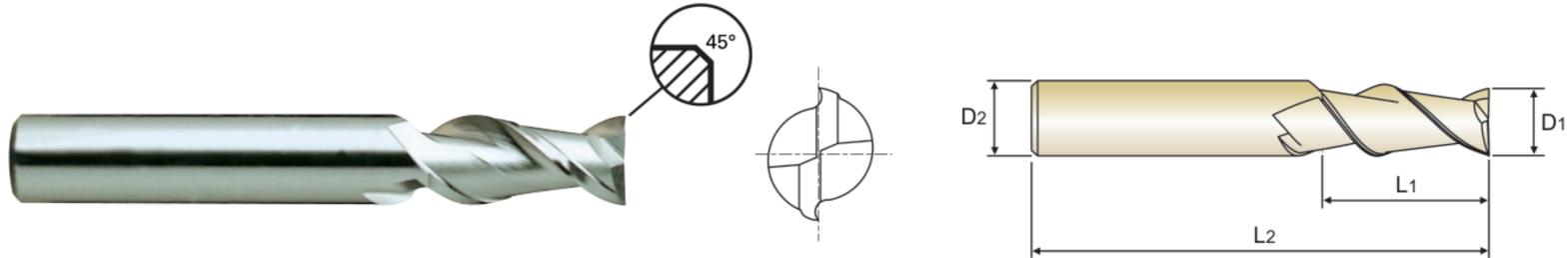
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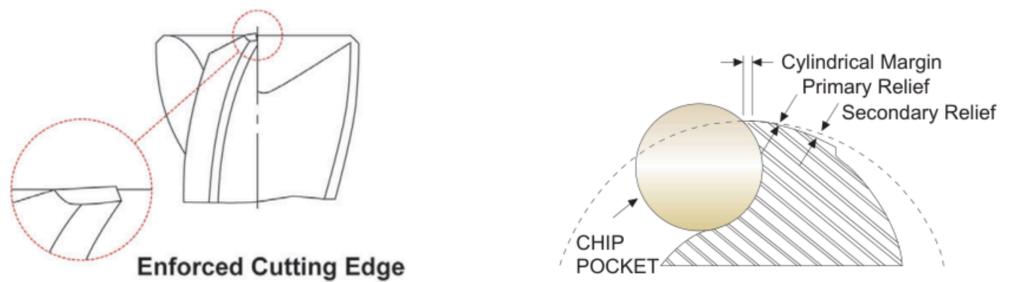
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Unit : mm

EDP No.		Mill Diameter	Shank Diameter	Length of Cut	Overall Length	Chamfer
PLAIN	FLAT	D1	D2	L1	L2	
E5522120	E5521120	12.0	12	26	83	0.1
* E5522914	-	12.0	12	32	80	0.1
* E5522915	-	12.0	12	40	95	0.1
E5522140	E5521140	14.0	14	26	83	0.1
* E5522916	-	14.0	14	37	90	0.1
E5522160	E5521160	16.0	16	32	92	0.1
* E5522917	-	16.0	16	42	100	0.1
* E5522918	-	16.0	16	52	110	0.1
E5522180	E5521180	18.0	18	32	92	0.1
* E5522919	-	18.0	18	48	100	0.1
E5522200	E5521200	20.0	20	38	104	0.1
* E5522920	-	20.0	20	48	100	0.1
* E5522921	-	20.0	20	55	110	0.1

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