

A Brand AE-CPR4-H

Advanced Performance Four-Fluted Long Neck Corner Radius End Mill for Hardened Steels

List 8592

A BRAND AE-CPR4-H



NEW SIZES

SPEED FEED
64-75

CARBIDE

DUROREY

4 FLUTE

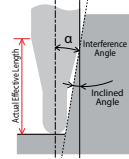
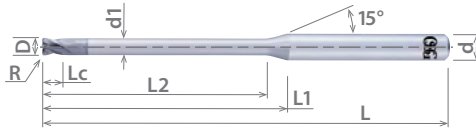
30°



SHANK
h4

STUB

PACKED
1 PIECE



Cutting Diameter Tolerance	
0.2mm ≤ D ≤ 0.4mm	+0 / -0.010mm
0.5mm ≤ D ≤ 4mm	+0 / -0.015mm

Radius Tolerance	
R = 0.02	+/- 0.002mm
R = 0.05	+/- 0.005mm

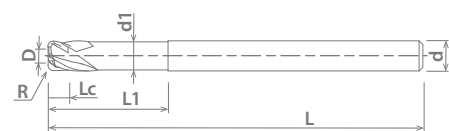
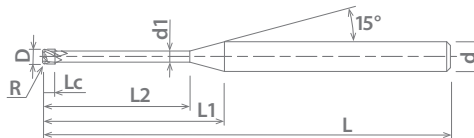
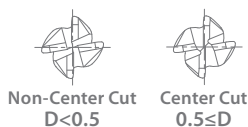
EDP Number		Dia.		Corner Radius	Length of Cut	Neck Length	Non-Taper Neck Length	Neck Dia.	Interference Angle	Effective Neck Length by Incline Angle					Overall Length	Shank Dia.	Center Cutting	Type
		D (mm)	R (mm)	R (mm)	Lc (mm)	L1 (mm)	L2 (mm)	d1 (mm)	α (°)	0.5° (mm)	1.0° (mm)	1.5° (mm)	2.0° (mm)	3.0° (mm)	L (mm)	d (mm)		
8557470	▲	0.2	0.02	0.02	0.15	7.7	0.5	0.18	13.88	0.53	0.57	0.61	0.65	0.73	45	4	-	1
8557471	▲	0.2	0.02	0.02	0.15	8.2	1	0.18	13.07	1.06	1.13	1.20	1.26	1.38	45	4	-	1
8557472	▲	0.2	0.02	0.02	0.15	8.7	1.5	0.18	12.34	1.60	1.69	1.77	1.85	2	45	4	-	1
8557473	▲	0.2	0.02	0.02	0.15	9.2	2	0.18	11.69	2.12	2.24	2.33	2.43	2.62	45	4	-	1
8557474	▲	0.2	0.05	0.05	0.15	7.7	0.5	0.18	13.93	0.53	0.56	0.60	0.64	0.72	45	4	-	1
8557475	▲	0.2	0.05	0.05	0.15	8.2	1	0.18	13.11	1.06	1.13	1.19	1.25	1.37	45	4	-	1
8557476	▲	0.2	0.05	0.05	0.15	8.7	1.5	0.18	12.37	1.59	1.68	1.77	1.84	1.99	45	4	-	1
8557477	▲	0.2	0.05	0.05	0.15	9.2	2	0.18	11.72	2.12	2.23	2.33	2.42	2.61	45	4	-	1
8557478	▲	0.3	0.02	0.02	0.25	8	1	0.28	13.02	1.06	1.13	1.20	1.26	1.38	45	4	-	1
8557479	▲	0.3	0.02	0.02	0.25	8.5	1.5	0.28	12.28	1.60	1.69	1.77	1.85	2	45	4	-	1
8557480	▲	0.3	0.02	0.02	0.25	9	2	0.28	11.62	2.12	2.24	2.33	2.43	2.62	45	4	-	1
8557481	▲	0.3	0.02	0.02	0.25	9.5	2.5	0.28	11.02	2.65	2.78	2.89	3.00	3.24	45	4	-	1
8557482	▲	0.3	0.02	0.02	0.25	10	3	0.28	10.48	3.18	3.32	3.45	3.58	3.87	45	4	-	1
8557483	▲	0.3	0.05	0.05	0.25	8	1	0.28	13.06	1.06	1.13	1.19	1.25	1.37	45	4	-	1
8557484	▲	0.3	0.05	0.05	0.25	8.5	1.5	0.28	12.32	1.59	1.68	1.77	1.84	1.99	45	4	-	1
8557485	▲	0.3	0.05	0.05	0.25	9	2	0.28	11.65	2.12	2.23	2.33	2.42	2.61	45	4	-	1
8557486	▲	0.3	0.05	0.05	0.25	9.5	2.5	0.28	11.05	2.65	2.78	2.89	3.00	3.24	45	4	-	1
8557487	▲	0.3	0.05	0.05	0.25	10	3	0.28	10.51	3.18	3.32	3.44	3.57	3.86	45	4	-	1
8557488	▲	0.4	0.02	0.02	0.3	8.2	1	0.37	12.41	1.08	1.17	1.28	1.38	1.62	45	4	-	1
8557489	▲	0.4	0.02	0.02	0.3	8.7	1.5	0.37	11.71	1.62	1.76	1.89	2.03	2.32	45	4	-	1
8557490	▲	0.4	0.02	0.02	0.3	9.2	2	0.37	11.09	2.16	2.33	2.50	2.67	3	45	4	-	1
8557491	▲	0.4	0.02	0.02	0.3	9.7	2.5	0.37	10.53	2.70	2.90	3.10	3.29	3.66	45	4	-	1
8557492	▲	0.4	0.02	0.02	0.3	10.2	3	0.37	10.03	3.24	3.47	3.69	3.90	4.31	45	4	-	1
8557493	▲	0.4	0.02	0.02	0.3	11.2	4	0.37	9.15	4.31	4.59	4.85	5.10	5.57	45	4	-	1
8557494	▲	0.4	0.05	0.05	0.3	8.2	1	0.37	12.45	1.08	1.17	1.27	1.37	1.6	45	4	-	1
8557495	▲	0.4	0.05	0.05	0.3	8.7	1.5	0.37	11.75	1.62	1.75	1.89	2.03	2.31	45	4	-	1
8557496	●	0.4	0.05	0.05	0.3	9.2	2	0.37	11.12	2.16	2.33	2.49	2.66	2.99	45	4	-	1
8557497	▲	0.4	0.05	0.05	0.3	9.7	2.5	0.37	10.56	2.70	2.90	3.09	3.28	3.65	45	4	-	1
8557498	●	0.4	0.05	0.05	0.3	10.2	3	0.37	10.05	3.24	3.46	3.68	3.89	4.3	45	4	-	1
8557499	▲	0.4	0.05	0.05	0.3	11.2	4	0.37	9.17	4.31	4.59	4.85	5.10	5.56	45	4	-	1
8557500	▲	0.4	0.1	0.1	0.3	8.2	1	0.37	12.51	1.07	1.16	1.26	1.36	1.58	45	4	-	1
8557501	●	0.4	0.1	0.1	0.3	9.2	2	0.37	11.18	2.16	2.32	2.48	2.65	2.98	45	4	-	1
8557502	▲	0.4	0.1	0.1	0.3	10.2	3	0.37	10.10	3.23	3.46	3.67	3.88	4.29	45	4	-	1
8557503	▲	0.4	0.1	0.1	0.3	11.2	4	0.37	9.21	4.30	4.58	4.84	5.09	5.55	45	4	-	1
8557504	▲	0.5	0.02	0.02	0.4	8	1	0.46	12.39	1.08	1.17	1.26	1.37	1.59	45	4	●	1

● Stocked ▲ Globally Stocked ○ Made to Order; contact an OSG representative for details



Type1

Type2



CONTINUED

P					M			K	N		S		H			
Steel					Stainless Steel			Cast Iron	Non-Ferrous		HRSA		Hardened Steel			
Carbon Steel			Alloy Steel	Die Steel					Aluminum		Nickel Alloy	Titanium				
Low	Medium	High			300	400	17-4 PH		6061 7075	Casting			Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC
1010	1035	1065	4140	Die Steel	300	400	17-4 PH	6061 7075	Casting	Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC	
1018	1045		4340													
			○	○								○	○	○	○	

○ Good ⊗ Best



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4 FLUTE

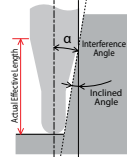
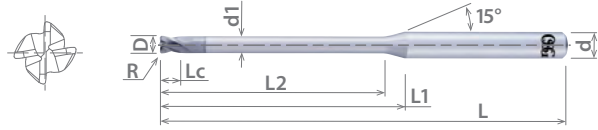
30°



SHANK
h4

STUB

PACKED
1 PIECE



Cutting Diameter Tolerance	
0.2mm ≤ D ≤ 0.4mm	+0 / -0.010mm
0.5mm ≤ D ≤ 4mm	+0 / -0.015mm

Radius Tolerance	
R = 0.02	+/- 0.002mm
R = 0.05	+/- 0.005mm

EDP Number		Dia.	Corner Radius	Length of Cut	Neck Length	Non-Taper Neck Length	Neck Dia.	Interference Angle	Effective Neck Length by Incline Angle					Overall Length	Shank Dia.	Center Cutting	Type
		D (mm)	R (mm)	Lc (mm)	L1 (mm)	L2 (mm)	d1 (mm)	α (°)	0.5° (mm)	1.0° (mm)	1.5° (mm)	2.0° (mm)	3.0° (mm)	L (mm)	d (mm)		
8557505	▲	0.5	0.02	0.4	9	2	0.46	11.04	2.16	2.32	2.48	2.64	2.97	45	4	●	1
8557506	▲	0.5	0.02	0.4	10	3	0.46	9.96	3.23	3.45	3.67	3.87	4.27	45	4	●	1
8557507	▲	0.5	0.02	0.4	11	4	0.46	9.07	4.30	4.57	4.83	5.07	5.53	45	4	●	1
8557508	▲	0.5	0.02	0.4	12	5	0.46	8.32	5.36	5.68	5.98	6.25	6.77	45	4	●	1
8557509	▲	0.5	0.02	0.4	13	6	0.46	7.69	6.42	6.79	7.11	7.41	8.02	45	4	●	1
8557510	●	0.5	0.05	0.4	8	1	0.46	12.43	1.08	1.16	1.26	1.36	1.58	45	4	●	1
8557511	●	0.5	0.05	0.4	9	2	0.46	11.08	2.15	2.31	2.47	2.64	2.96	45	4	●	1
8557512	●	0.5	0.05	0.4	10	3	0.46	9.99	3.23	3.45	3.66	3.87	4.27	45	4	●	1
8557513	●	0.5	0.05	0.4	11	4	0.46	9.09	4.30	4.57	4.82	5.07	5.52	45	4	●	1
8557514	▲	0.5	0.05	0.4	12	5	0.46	8.34	5.36	5.68	5.97	6.25	6.77	45	4	●	1
8557515	▲	0.5	0.05	0.4	13	6	0.46	7.71	6.42	6.79	7.11	7.41	8.01	45	4	●	1
8557516	▲	0.5	0.1	0.4	8	1	0.46	12.50	1.07	1.15	1.24	1.34	1.55	45	4	●	1
8557517	●	0.5	0.1	0.4	9	2	0.46	11.13	2.15	2.31	2.46	2.62	2.95	45	4	●	1
8557518	●	0.5	0.1	0.4	10	3	0.46	10.03	3.22	3.44	3.65	3.86	4.25	45	4	●	1
8557519	▲	0.5	0.1	0.4	11	4	0.46	9.13	4.29	4.56	4.82	5.06	5.51	45	4	●	1
8557520	▲	0.5	0.1	0.4	12	5	0.46	8.37	5.36	5.68	5.97	6.24	6.76	45	4	●	1
8557521	▲	0.5	0.1	0.4	13	6	0.46	7.73	6.42	6.78	7.10	7.40	8	45	4	●	1
8544824	▲	0.6	0.05	0.48	7.8	1	0.55	12.41	1.07	1.16	1.25	1.34	1.55	45	4	●	1
8544825	▲	0.6	0.05	0.48	8.8	2	0.55	11.02	2.15	2.30	2.46	2.62	2.93	45	4	●	1
8544826	▲	0.6	0.05	0.48	10.8	4	0.55	9.01	4.28	4.55	4.80	5.04	5.49	45	4	●	1
8544827	▲	0.6	0.05	0.48	12.8	6	0.55	7.61	6.41	6.76	7.08	7.38	7.98	45	4	●	1
8544821	▲	0.6	0.1	0.48	7.8	1	0.55	12.48	1.07	1.15	1.23	1.33	1.53	45	4	●	1
8557522	●	0.6	0.1	0.48	8.8	2	0.55	11.08	2.14	2.29	2.45	2.60	2.92	45	4	●	1
8557523	●	0.6	0.1	0.48	10.8	4	0.55	9.05	4.28	4.55	4.79	5.03	5.48	45	4	●	1
8557524	▲	0.6	0.1	0.48	12.8	6	0.55	7.64	6.41	6.76	7.08	7.37	7.97	45	4	●	1
8544828	▲	0.7	0.02	0.55	8.1	1.5	0.65	11.56	1.61	1.74	1.86	1.99	2.27	45	4	●	1
8557525	▲	0.7	0.02	0.55	8.6	2	0.65	10.90	2.15	2.31	2.46	2.62	2.94	45	4	●	1
8557526	▲	0.7	0.02	0.55	10.6	4	0.65	8.88	4.29	4.55	4.81	5.05	5.5	45	4	●	1
8557527	▲	0.7	0.02	0.55	12.6	6	0.65	7.48	6.41	6.77	7.09	7.38	7.98	45	4	●	1
8544829	▲	0.7	0.05	0.55	8.1	1.5	0.65	11.60	1.61	1.73	1.86	1.99	2.26	45	4	●	1
8557528	▲	0.7	0.05	0.55	8.6	2	0.65	10.94	2.15	2.30	2.46	2.62	2.93	45	4	●	1
8557529	▲	0.7	0.05	0.55	10.6	4	0.65	8.90	4.28	4.55	4.80	5.04	5.49	45	4	●	1
8557530	▲	0.7	0.05	0.55	12.6	6	0.65	7.50	6.41	6.76	7.08	7.38	7.98	45	4	●	1
8557531	▲	0.7	0.1	0.55	8.6	2	0.65	10.99	2.14	2.29	2.45	2.60	2.92	45	4	●	1
8557532	▲	0.7	0.1	0.55	10.6	4	0.65	8.94	4.28	4.55	4.79	5.03	5.48	45	4	●	1
8557533	▲	0.7	0.1	0.55	12.6	6	0.65	7.53	6.41	6.76	7.08	7.37	7.97	45	4	●	1
8544830	▲	0.8	0.05	0.65	8.4	2	0.75	10.84	2.15	2.30	2.46	2.62	2.93	45	4	●	1
8544832	●	0.8	0.05	0.65	10.4	4	0.75	8.79	4.28	4.55	4.80	5.04	5.49	45	4	●	1
8544833	▲	0.8	0.05	0.65	12.4	6	0.75	7.38	6.41	6.76	7.08	7.38	7.98	45	4	●	1
8544822	▲	0.8	0.1	0.65	8.4	2	0.75	10.90	2.14	2.29	2.45	2.60	2.92	45	4	●	1
8557534	●	0.8	0.1	0.65	10.4	4	0.75	8.83	4.28	4.55	4.79	5.03	5.48	45	4	●	1
8557535	▲	0.8	0.1	0.65	12.4	6	0.75	7.41	6.41	6.76	7.08	7.37	7.97	45	4	●	1
8544823	▲	0.8	0.2	0.65	8.4	2	0.75	11.02	2.14	2.28	2.43	2.58	2.88	45	4	●	1
8557536	●	0.8	0.2	0.65	10.4	4	0.75	8.90	4.28	4.53	4.78	5.01	5.46	45	4	●	1
8557537	●	0.8	0.2	0.65	12.4	6	0.75	7.47	6.40	6.75	7.06	7.36	7.94	45	4	●	1
8557538	●	0.8	0.2	0.65	14.4	8	0.75	6.43	8.52	8.94	9.31	9.66	10.43	45	4	●	1
8557539	▲	0.9	0.1	0.7	10.2	4	0.85	8.71	4.28	4.55	4.79	5.03	5.48	45	4	●	1
8557540	▲	0.9	0.1	0.7	14.2	8	0.85	6.27	8.52	8.95	9.32	9.67	10.45	45	4	●	1
8544835	●	1.0	0.02	0.8	8	2	0.94	10.64	2.14	2.30	2.45	2.60	2.92	45	4	●	1
8544836	●	1.0	0.02	0.8	9	3	0.94	9.48	3.21	3.42	3.63	3.83	4.21	45	4	●	1
8544838	●	1.0	0.02	0.8	10	4	0.94	8.55	4.28	4.54	4.79	5.02	5.47	45	4	●	1
8544839	●	1.0	0.02	0.8	12	6	0.94	7.14	6.40	6.75	7.06	7.36	7.95	45	4	●	1

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CARBIDE

DUROREY

4 FLUTE

30°



STUB

PACKED
1 PIECE

EDP Number		Dia.	Corner Radius	Length of Cut	Neck Length	Non-Taper Neck Length	Neck Dia.	Interference Angle	Effective Neck Length by Incline Angle					Overall Length	Shank Dia.	Center Cutting	Type
		D (mm)	R (mm)	Lc (mm)	L1 (mm)	L2 (mm)	d1 (mm)	α (°)	0.5° (mm)	1.0° (mm)	1.5° (mm)	2.0° (mm)	3.0° (mm)	L (mm)	d (mm)		
8544841	●	1.0	0.02	0.8	14	8	0.94	6.13	8.51	8.93	9.31	9.66	10.44	45	4	●	1
8544842	▲	1.0	0.02	0.8	16	10	0.94	5.37	10.62	11.10	11.53	11.96	12.93	45	4	●	1
8557541	●	1.0	0.05	0.8	10	4	0.94	8.57	4.28	4.54	4.78	5.02	5.46	45	4	●	1
8557542	●	1.0	0.05	0.8	12	6	0.94	7.16	6.40	6.75	7.06	7.35	7.95	45	4	●	1
8557543	▲	1.0	0.05	0.8	14	8	0.94	6.14	8.51	8.93	9.30	9.65	10.43	45	4	●	1
8557544	▲	1.0	0.05	0.8	16	10	0.94	5.38	10.61	11.10	11.52	11.95	12.92	45	4	●	1
8557545	●	1.0	0.05	0.8	18	12	0.94	4.78	12.71	13.26	13.74	14.25	15.41	45	4	●	1
8544831	▲	1.0	0.05	0.8	8	2	0.94	10.68	2.14	2.29	2.44	2.60	2.91	45	4	●	1
8544843	▲	1.0	0.05	0.8	9	3	0.94	9.51	3.21	3.42	3.62	3.82	4.21	45	4	●	1
8557546	●	1.0	0.1	0.8	10	4	0.94	8.61	4.27	4.53	4.77	5.01	5.45	45	4	●	1
8557547	●	1.0	0.1	0.8	12	6	0.94	7.18	6.39	6.74	7.05	7.34	7.93	45	4	●	1
8557548	▲	1.0	0.1	0.8	14	8	0.94	6.16	8.51	8.93	9.30	9.65	10.42	45	4	●	1
8557549	▲	1.0	0.1	0.8	16	10	0.94	5.39	10.61	11.10	11.52	11.95	12.91	45	4	●	1
8557550	●	1.0	0.1	0.8	18	12	0.94	4.79	12.71	13.25	13.73	14.25	15.39	45	4	●	1
8544834	▲	1.0	0.1	0.8	8	2	0.94	10.74	2.14	2.28	2.43	2.58	2.89	45	4	●	1
8544844	▲	1.0	0.1	0.8	9	3	0.94	9.56	3.21	3.41	3.61	3.81	4.19	45	4	●	1
8544845	▲	1.0	0.1	0.8	22	16	0.94	3.92	16.89	17.54	18.17	18.84	20.37	55	4	●	1
8544846	●	1.0	0.1	0.8	26	20	0.94	3.32	21.06	21.82	22.60	23.44	25.34	55	4	●	1
8557551	●	1.0	0.2	0.8	10	4	0.94	8.69	4.27	4.52	4.76	4.99	5.42	45	4	●	1
8557552	▲	1.0	0.2	0.8	12	6	0.94	7.24	6.39	6.73	7.04	7.33	7.91	45	4	●	1
8557553	▲	1.0	0.2	0.8	14	8	0.94	6.20	8.50	8.92	9.29	9.63	10.4	45	4	●	1
8557554	▲	1.0	0.2	0.8	16	10	0.94	5.42	10.61	11.09	11.51	11.93	12.88	45	4	●	1
8557555	●	1.0	0.2	0.8	18	12	0.94	4.82	12.70	13.24	13.72	14.23	15.37	45	4	●	1
8557556	▲	1.0	0.2	0.8	22	16	0.94	3.94	16.89	17.53	18.16	18.83	20.34	55	4	●	1
8557557	▲	1.0	0.2	0.8	26	20	0.94	3.33	21.05	21.81	22.59	23.43	25.32	55	4	●	1
8544837	▲	1.0	0.2	0.8	8	2	0.94	10.86	2.13	2.27	2.41	2.56	2.86	45	4	●	1
8544847	▲	1.0	0.2	0.8	9	3	0.94	9.66	3.20	3.40	3.60	3.79	4.17	45	4	●	1
8557558	●	1.0	0.3	0.8	10	4	0.94	8.77	4.26	4.51	4.74	4.97	5.4	45	4	●	1
8557559	●	1.0	0.3	0.8	12	6	0.94	7.30	6.38	6.72	7.03	7.31	7.89	45	4	●	1
8557560	●	1.0	0.3	0.8	14	8	0.94	6.24	8.50	8.91	9.27	9.62	10.37	45	4	●	1
8557561	▲	1.0	0.3	0.8	16	10	0.94	5.46	10.60	11.08	11.50	11.92	12.86	45	4	●	1
8557562	▲	1.0	0.3	0.8	18	12	0.94	4.84	12.70	13.24	13.71	14.22	15.35	45	4	●	1
8544840	▲	1.0	0.3	0.8	8	2	0.94	10.98	2.12	2.26	2.39	2.54	2.83	45	4	●	1
8544848	▲	1.0	0.3	0.8	9	3	0.94	9.75	3.19	3.39	3.58	3.77	4.14	45	4	●	1
8544849	▲	1.0	0.3	0.8	22	16	0.94	3.96	16.88	17.52	18.15	18.82	20.32	55	4	●	1
8544850	▲	1.0	0.3	0.8	26	20	0.94	3.34	21.05	21.80	22.58	23.41	25.29	55	4	●	1
8557563	●	1.2	0.2	1	11.6	6	1.14	6.98	6.39	6.73	7.04	7.33	7.91	45	4	●	1
8557564	●	1.2	0.2	1	13.6	8	1.14	5.95	8.50	8.92	9.29	9.63	10.4	45	4	●	1
8557565	▲	1.2	0.2	1	15.6	10	1.14	5.19	10.61	11.09	11.51	11.93	12.88	45	4	●	1
8557566	▲	1.2	0.3	1	11.6	6	1.14	7.04	6.38	6.72	7.03	7.31	7.89	45	4	●	1
8557567	▲	1.2	0.3	1	13.6	8	1.14	5.99	8.50	8.91	9.27	9.62	10.37	45	4	●	1

● Stocked ▲ Globally Stocked ○ Made to Order; contact an OSG representative for details



Type1

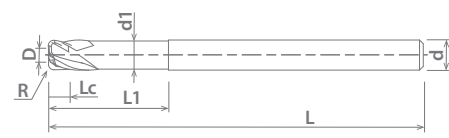
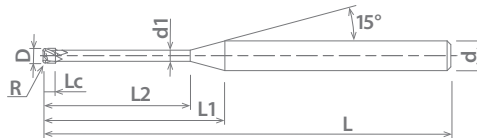
Type2



Non-Center Cut
D<0.5



Center Cut
0.5≤D



CONTINUED

P					M			K	N		S		H			
Steel					Stainless Steel			Cast Iron	Non-Ferrous		HRSA		Hardened Steel			
Carbon Steel			Alloy Steel	Die Steel					Aluminum		Nickel Alloy	Titanium				
Low	Medium	High														
1010	1035	1065	4140	4340	300	400	17-4 PH	6061	Casting	Inconel	6Al4V	(30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC
1018	1045							7075								
			○	○									○	○	○	○

○ Good ⊗ Best



A Brand AE-CPR4-H

Advanced Performance Four-Fluted Long Neck Corner Radius End Mill for Hardened Steels

List 8592 (Continued)

A BRAND AE-CPR4-H



NEW SIZES

SPEED FEED
64-75

CARBIDE

DUROREY

4 FLUTE

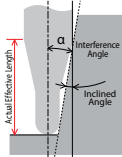
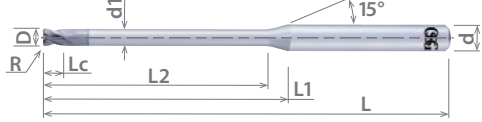
30°



SHANK
h4

STUB

PACKED
1 PIECE



Cutting Diameter Tolerance		
0.2mm ≤ D ≤ 0.4mm	+0 / -0.010mm	
0.5mm ≤ D ≤ 4mm	+0 / -0.015mm	

Radius Tolerance		
R = 0.02	+/- 0.002mm	
R = 0.05	+/- 0.005mm	

EDP Number	Dia. D (mm)	Corner Radius R (mm)	Length of Cut Lc (mm)	Neck Length L1 (mm)	Non-Taper Neck Length L2 (mm)	Neck Dia. d1 (mm)	Interference Angle α (°)	Effective Neck Length by Incline Angle					Overall Length L (mm)	Shank Dia. d (mm)	Center Cutting	Type
								0.5° (mm)	1.0° (mm)	1.5° (mm)	2.0° (mm)	3.0° (mm)				
8557568	▲	1.2	0.3	1	15.6	10	1.14	5.22	10.60	11.08	11.50	12.86	45	4	●	1
8544851	▲	1.5	0.05	1.2	8	3	1.43	8.88	3.20	3.41	3.60	3.80	45	4	●	1
8544852	●	1.5	0.05	1.2	9	4	1.43	7.91	4.27	4.52	4.76	4.99	45	4	●	1
8544853	▲	1.5	0.05	1.2	11	6	1.43	6.49	6.39	6.73	7.04	7.33	45	4	●	1
8544854	●	1.5	0.05	1.2	13	8	1.43	5.50	8.50	8.91	9.28	9.63	45	4	●	1
8544855	▲	1.5	0.05	1.2	15	10	1.43	4.77	10.60	11.08	11.50	11.93	45	4	●	1
8544856	●	1.5	0.05	1.2	17	12	1.43	4.21	12.70	13.23	13.71	14.23	45	4	●	1
8544857	▲	1.5	0.05	1.2	21	16	1.43	3.41	16.87	17.52	18.15	18.83	50	4	●	1
8544864	▲	1.5	0.1	1.2	8	3	1.43	8.93	3.20	3.40	3.60	3.79	45	4	●	1
8544858	●	1.5	0.1	1.2	9	4	1.43	7.95	4.26	4.52	4.75	4.98	45	4	●	1
8544859	▲	1.5	0.1	1.2	11	6	1.43	6.52	6.38	6.72	7.03	7.32	45	4	●	1
8544860	●	1.5	0.1	1.2	13	8	1.43	5.52	8.49	8.91	9.27	9.62	45	4	●	1
8544861	▲	1.5	0.1	1.2	15	10	1.43	4.78	10.60	11.07	11.49	11.92	45	4	●	1
8544862	●	1.5	0.1	1.2	17	12	1.43	4.22	12.69	13.23	13.71	14.22	45	4	●	1
8544863	▲	1.5	0.1	1.2	21	16	1.43	3.42	16.87	17.51	18.14	18.82	50	4	●	1
8557569	●	1.5	0.2	1.2	11	6	1.43	6.57	6.38	6.71	7.02	7.30	45	4	●	1
8557570	●	1.5	0.2	1.2	13	8	1.43	5.56	8.49	8.90	9.26	9.60	45	4	●	1
8557571	●	1.5	0.2	1.2	15	10	1.43	4.81	10.59	11.07	11.48	11.90	45	4	●	1
8557572	●	1.5	0.2	1.2	17	12	1.43	4.25	12.69	13.22	13.70	14.20	45	4	●	1
8557573	▲	1.5	0.2	1.2	21	16	1.43	3.44	16.87	17.51	18.13	18.80	50	4	●	1
8544866	▲	1.5	0.2	1.2	8	3	1.43	9.04	3.19	3.39	3.58	3.77	45	4	●	1
8544865	●	1.5	0.2	1.2	9	4	1.43	8.03	4.26	4.50	4.74	4.97	45	4	●	1
8557574	●	1.5	0.3	1.2	11	6	1.43	6.63	6.37	6.70	7.01	7.29	45	4	●	1
8557575	●	1.5	0.3	1.2	13	8	1.43	5.60	8.48	8.89	9.25	9.59	45	4	●	1
8557576	●	1.5	0.3	1.2	15	10	1.43	4.85	10.59	11.06	11.47	11.89	45	4	●	1
8557577	●	1.5	0.3	1.2	17	12	1.43	4.27	12.68	13.21	13.69	14.19	45	4	●	1
8557578	●	1.5	0.3	1.2	21	16	1.43	3.45	16.86	17.50	18.12	18.79	50	4	●	1
8544868	▲	1.5	0.3	1.2	8	3	1.43	9.14	3.19	3.38	3.56	3.75	45	4	●	1
8544867	●	1.5	0.3	1.2	9	4	1.43	8.12	4.25	4.49	4.72	4.95	45	4	●	1
8544869	▲	1.5	0.5	1.2	8	3	1.43	9.36	3.17	3.35	3.53	3.71	45	4	●	1
8544870	●	1.5	0.5	1.2	9	4	1.43	8.29	4.24	4.47	4.69	4.91	45	4	●	1
8544871	▲	1.5	0.5	1.2	11	6	1.43	6.74	6.36	6.68	6.98	7.26	45	4	●	1
8544872	●	1.5	0.5	1.2	13	8	1.43	5.68	8.47	8.87	9.23	9.56	45	4	●	1
8544873	▲	1.5	0.5	1.2	15	10	1.43	4.91	10.58	11.04	11.45	11.86	45	4	●	1
8544874	●	1.5	0.5	1.2	17	12	1.43	4.32	12.67	13.20	13.67	14.16	45	4	●	1
8544875	▲	1.5	0.5	1.2	21	16	1.43	3.48	16.85	17.48	18.10	18.76	50	4	●	1
8544876	▲	2.0	0.05	1.6	8.1	4	1.92	7.09	4.26	4.51	4.74	4.97	50	4	●	1
8544877	▲	2.0	0.05	1.6	10.1	6	1.92	5.69	6.38	6.71	7.02	7.30	50	4	●	1
8544878	●	2.0	0.05	1.6	12.1	8	1.92	4.75	8.48	8.89	9.25	9.60	50	4	●	1
8544879	▲	2.0	0.05	1.6	14.1	10	1.92	4.08	10.58	11.06	11.47	11.90	50	4	●	1
8544880	▲	2.0	0.05	1.6	16.1	12	1.92	3.57	12.68	13.21	13.69	14.20	50	4	●	1
8544881	▲	2.0	0.05	1.6	20.1	16	1.92	2.86	16.86	17.49	18.12	18.80	50	4	●	1
8544882	●	2.0	0.05	1.6	24.1	20	1.92	2.39	21.02	21.77	22.56	23.40	60	4	●	1
8557579	●	2.0	0.1	1.6	12.1	8	1.92	4.77	8.48	8.89	9.25	9.59	45	4	●	1
8557580	●	2.0	0.1	1.6	14.1	10	1.92	4.09	10.58	11.05	11.47	11.89	45	4	●	1
8557581	●	2.0	0.1	1.6	16.1	12	1.92	3.58	12.68	13.21	13.68	14.19	50	4	●	1
8557582	▲	2.0	0.1	1.6	20.1	16	1.92	2.87	16.85	17.49	18.12	18.79	60	4	●	1
8557583	●	2.0	0.1	1.6	24.1	20	1.92	2.39	21.02	21.77	22.55	23.39	60	4	●	1
8557584	●	2.0	0.1	1.6	29.1	25	1.92	1.98	26.20	27.12	28.09	29.06	60	4	●	1
8544889	▲	2.0	0.1	1.6	8.1	4	1.92	7.13	4.26	4.50	4.74	4.96	50	4	●	1
8544883	▲	2.0	0.1	1.6	10.1	6	1.92	5.72	6.37	6.71	7.01	7.29	50	4	●	1

● Stocked ▲ Globally Stocked ○ Made to Order; contact an OSG representative for details



A Brand AE-CPR4-H

Advanced Performance Four-Fluted Long Neck Corner Radius End Mill for Hardened Steels

List 8592 (Continued)

A BRAND AE-CPR4-H



NEW SIZES

SPEED FEED
64-75

CARBIDE

DUROREY

4 FLUTE

30°



STUB

PACKED

1 PIECE

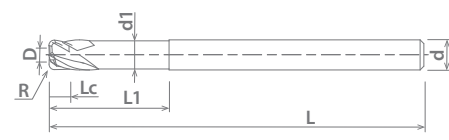
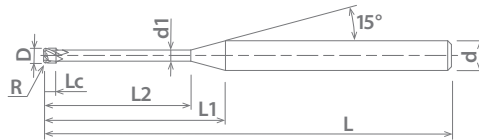
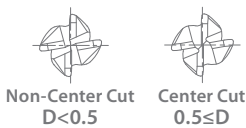
EDP Number		Dia.	Corner Radius	Length of Cut	Neck Length	Non-Taper Neck Length	Neck Dia.	Interference Angle	Effective Neck Length by Incline Angle					Overall Length	Shank Dia.	Center Cutting	Type
		D (mm)	R (mm)	Lc (mm)	L1 (mm)	L2 (mm)	d1 (mm)	α (°)	0.5° (mm)	1.0° (mm)	1.5° (mm)	2.0° (mm)	3.0° (mm)	L (mm)	d (mm)		
8557585	●	2.0	0.2	1.6	12.1	8	1.92	4.81	8.48	8.88	9.24	9.58	10.34	45	4	●	1
8557586	●	2.0	0.2	1.6	14.1	10	1.92	4.12	10.58	11.05	11.46	11.88	12.83	45	4	●	1
8557587	▲	2.0	0.2	1.6	16.1	12	1.92	3.60	12.67	13.20	13.67	14.18	15.31	45	4	●	1
8557588	●	2.0	0.2	1.6	20.1	16	1.92	2.88	16.85	17.48	18.11	18.78	—	60	4	●	1
8557589	▲	2.0	0.2	1.6	24.1	20	1.92	2.40	21.01	21.76	22.54	23.38	—	60	4	●	1
8557590	●	2.0	0.2	1.6	29.1	25	1.92	1.99	26.20	27.11	28.08	—	—	60	4	●	1
8544891	▲	2.0	0.2	1.6	8.1	4	1.92	7.21	4.25	4.49	4.72	4.94	5.37	50	4	●	1
8544884	▲	2.0	0.2	1.6	10.1	6	1.92	5.77	6.37	6.70	7.00	7.28	7.86	50	4	●	1
8557591	●	2.0	0.3	1.6	12.1	8	1.92	4.85	8.47	8.87	9.23	9.56	10.32	45	4	●	1
8557592	●	2.0	0.3	1.6	14.1	10	1.92	4.15	10.57	11.04	11.45	11.86	12.8	45	4	●	1
8557593	●	2.0	0.3	1.6	16.1	12	1.92	3.63	12.67	13.19	13.66	14.16	15.29	45	4	●	1
8557594	▲	2.0	0.3	1.6	20.1	16	1.92	2.90	16.85	17.48	18.10	18.76	—	60	4	●	1
8557595	▲	2.0	0.3	1.6	24.1	20	1.92	2.41	21.01	21.75	22.53	23.36	—	60	4	●	1
8544893	▲	2.0	0.3	1.6	8.1	4	1.92	7.30	4.24	4.48	4.71	4.93	5.35	50	4	●	1
8544885	▲	2.0	0.3	1.6	10.1	6	1.92	5.83	6.36	6.69	6.98	7.26	7.83	50	4	●	1
8557596	●	2.0	0.5	1.6	12.1	8	1.92	4.93	8.46	8.85	9.20	9.54	10.27	45	4	●	1
8557597	▲	2.0	0.5	1.6	14.1	10	1.92	4.21	10.56	11.02	11.42	11.83	12.76	45	4	●	1
8557598	▲	2.0	0.5	1.6	16.1	12	1.92	3.67	12.66	13.18	13.64	14.13	15.24	45	4	●	1
8557599	●	2.0	0.5	1.6	20.1	16	1.92	2.92	16.84	17.46	18.07	18.73	—	60	4	●	1
8557600	▲	2.0	0.5	1.6	24.1	20	1.92	2.43	21.00	21.74	22.51	23.33	—	60	4	●	1
8557601	▲	2.0	0.5	1.6	29.1	25	1.92	2.01	26.19	27.09	28.05	29.08	—	60	4	●	1
8544895	▲	2.0	0.5	1.6	8.1	4	1.92	7.48	4.23	4.46	4.68	4.89	5.3	50	4	●	1
8544886	▲	2.0	0.5	1.6	10.1	6	1.92	5.94	6.35	6.67	6.96	7.23	7.78	50	4	●	1
8544887	●	2.5	0.1	2	13.1	10	2.4	3.30	10.56	11.02	11.42	11.85	12.8	55	4	●	1
8544888	●	2.5	0.1	2	23.1	20	2.4	1.87	20.98	21.73	22.51	—	—	55	4	●	1
8544890	▲	2.5	0.1	2	33.1	30	2.4	1.31	31.33	32.42	—	—	—	70	4	●	1
8557602	●	2.5	0.2	2	13.1	10	2.4	3.33	10.55	11.01	11.41	11.83	12.78	55	4	●	1
8557603	▲	2.5	0.2	2	23.1	20	2.4	1.88	20.98	21.72	22.50	—	—	55	4	●	1
8544892	▲	2.5	0.2	2	33.1	30	2.4	1.31	31.33	32.42	—	—	—	70	4	●	1
8544894	●	2.5	0.3	2	13.1	10	2.4	3.35	10.55	11.00	11.40	11.82	12.75	55	4	●	1
8544896	●	2.5	0.3	2	23.1	20	2.4	1.89	20.97	21.71	22.48	—	—	55	4	●	1
8544897	▲	2.5	0.3	2	33.1	30	2.4	1.31	31.33	32.41	—	—	—	70	4	●	1
8557604	▲	2.5	0.5	2	13.1	10	2.4	3.40	10.54	10.98	11.38	11.79	12.71	55	4	●	1
8557605	▲	2.5	0.5	2	23.1	20	2.4	1.90	20.97	21.70	22.46	—	—	55	4	●	1
8544898	▲	2.5	0.5	2	33.1	30	2.4	1.32	31.32	32.39	—	—	—	70	4	●	1
8544899	▲	3.0	0.1	2.5	9.8	4	2.85	8.76	4.22	4.43	4.64	4.84	5.24	55	6	●	2
8544900	▲	3.0	0.1	2.5	11.8	6	2.85	7.28	6.32	6.61	6.89	7.15	7.73	55	6	●	2
8544901	▲	3.0	0.1	2.5	13.8	8	2.85	6.23	8.41	8.78	9.12	9.45	10.21	55	6	●	2
8544902	▲	3.0	0.1	2.5	15.8	10	2.85	5.45	10.50	10.94	11.33	11.75	12.7	55	6	●	2
8544903	●	3.0	0.1	2.5	17.8	12	2.85	4.84	12.59	13.08	13.55	14.05	15.19	55	6	●	2
8544904	▲	3.0	0.1	2.5	21.8	16	2.85	3.95	16.75	17.36	17.98	18.65	20.16	55	6	●	2

● Stocked ▲ Globally Stocked ○ Made to Order; contact an OSG representative for details



Type1

Type2



CONTINUED

P					M			K	N		S		H			
Steel					Stainless Steel			Cast Iron	Non-Ferrous		HRSA		Hardened Steel			
Carbon Steel			Alloy Steel	Die Steel					Aluminum		Nickel Alloy	Titanium				
Low	Medium	High	4140 4340		300	400	17-4 PH		6061 7075	Casting	Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC
1010 1018	1035 1045	1065														

○ Good ⊗ Best



A Brand AE-CPR4-H

Advanced Performance Four-Fluted Long Neck Corner Radius End Mill for Hardened Steels

List 8592 (Continued)

A BRAND AE-CPR4-H



NEW SIZES

SPEED FEED
64-75

CARBIDE

DUROREY

4 FLUTE

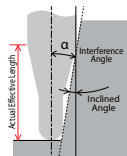
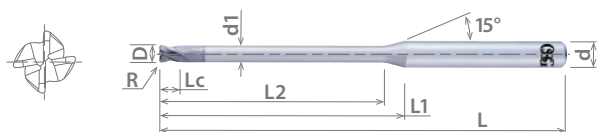
30°



SHANK
h4

STUB

PACKED
1 PIECE



Cutting Diameter Tolerance	
0.2mm ≤ D ≤ 0.4mm	+0 / -0.010mm
0.5mm ≤ D ≤ 4mm	+0 / -0.015mm

Radius Tolerance	
R = 0.02	+/- 0.002mm
R = 0.05	+/- 0.005mm

EDP Number	Dia.	Corner Radius	Length of Cut	Neck Length	Non-Taper Neck Length	Neck Dia.	Interference Angle	Effective Neck Length by Incline Angle					Overall Length	Shank Dia.	Center Cutting	Type
								0.5°	1.0°	1.5°	2.0°	3.0°				
D (mm)	R (mm)	Lc (mm)	L1 (mm)	L2 (mm)	d1 (mm)	α (°)							L (mm)	d (mm)		
8544905	●	3.0	0.1	2.5	25.8	20	2.85	3.34	20.91	21.64	22.42	23.25	55	6	●	2
8544906	▲	3.0	0.1	2.5	30.8	25	2.85	2.80	26.08	26.99	27.96	29.00	70	6	●	2
8557606	●	3.0	0.2	2.5	13.8	8	2.85	6.28	8.41	8.77	9.11	9.44	45	6	●	2
8557607	●	3.0	0.2	2.5	17.8	12	2.85	4.86	12.59	13.07	13.54	14.04	55	6	●	2
8557608	●	3.0	0.2	2.5	21.8	16	2.85	3.97	16.75	17.35	17.97	18.64	55	6	●	2
8557609	●	3.0	0.2	2.5	25.8	20	2.85	3.35	20.90	21.63	22.40	23.24	55	6	●	2
8557610	●	3.0	0.2	2.5	30.8	25	2.85	2.81	26.08	26.98	27.95	28.99	70	6	●	2
8557611	●	3.0	0.2	2.5	35.8	30	2.85	2.41	31.25	32.33	33.49	34.74	70	6	●	2
8557612	▲	3.0	0.2	2.5	40.8	35	2.85	2.12	36.41	37.68	39.03	40.49	70	6	●	2
8544907	▲	3.0	0.2	2.5	9.8	4	2.85	8.84	4.21	4.42	4.62	4.82	55	6	●	2
8544921	▲	3.0	0.2	2.5	11.8	6	2.85	7.34	6.31	6.60	6.88	7.14	55	6	●	2
8544908	▲	3.0	0.2	2.5	15.8	10	2.85	5.48	10.50	10.93	11.32	11.74	55	6	●	2
8557613	●	3.0	0.3	2.5	17.8	12	2.85	4.89	12.58	13.07	13.53	14.02	55	6	●	2
8557614	▲	3.0	0.3	2.5	21.8	16	2.85	3.99	16.75	17.34	17.96	18.62	55	6	●	2
8557615	▲	3.0	0.3	2.5	25.8	20	2.85	3.37	20.90	21.62	22.39	23.22	55	6	●	2
8557616	▲	3.0	0.3	2.5	30.8	25	2.85	2.82	26.07	26.97	27.94	28.97	70	6	●	2
8557617	▲	3.0	0.3	2.5	35.8	30	2.85	2.42	31.24	32.32	33.48	34.72	70	6	●	2
8557618	▲	3.0	0.3	2.5	40.8	35	2.85	2.12	36.41	37.67	39.02	40.47	70	6	●	2
8544909	▲	3.0	0.3	2.5	9.8	4	2.85	8.92	4.20	4.41	4.61	4.81	55	6	●	2
8544924	▲	3.0	0.3	2.5	11.8	6	2.85	7.40	6.31	6.60	6.87	7.12	55	6	●	2
8544910	▲	3.0	0.3	2.5	13.8	8	2.85	6.32	8.40	8.77	9.09	9.42	55	6	●	2
8544911	▲	3.0	0.3	2.5	15.8	10	2.85	5.51	10.50	10.92	11.31	11.72	55	6	●	2
8557619	▲	3.0	0.5	2.5	17.8	12	2.85	4.94	12.57	13.05	13.51	13.99	55	6	●	2
8557620	●	3.0	0.5	2.5	21.8	16	2.85	4.02	16.74	17.33	17.94	18.59	55	6	●	2
8557621	●	3.0	0.5	2.5	25.8	20	2.85	3.39	20.89	21.61	22.37	23.19	55	6	●	2
8557622	●	3.0	0.5	2.5	30.8	25	2.85	2.83	26.07	26.96	27.91	28.94	70	6	●	2
8557623	▲	3.0	0.5	2.5	35.8	30	2.85	2.43	31.24	32.31	33.46	34.69	70	6	●	2
8557624	▲	3.0	0.5	2.5	40.8	35	2.85	2.13	36.40	37.66	39.00	40.44	70	6	●	2
8544912	▲	3.0	0.5	2.5	9.8	4	2.85	9.09	4.19	4.39	4.58	4.77	55	6	●	2
8544928	▲	3.0	0.5	2.5	11.8	6	2.85	7.52	6.30	6.58	6.84	7.10	55	6	●	2
8544913	▲	3.0	0.5	2.5	13.8	8	2.85	6.41	8.39	8.75	9.07	9.40	55	6	●	2
8544914	▲	3.0	0.5	2.5	15.8	10	2.85	5.58	10.49	10.91	11.29	11.69	55	6	●	2
8544915	▲	4.0	0.1	3.2	12	8	3.84	4.82	8.41	8.77	9.10	9.44	60	6	●	2
8544916	▲	4.0	0.1	3.2	16	12	3.84	3.61	12.58	13.07	13.53	14.04	60	6	●	2
8544917	●	4.0	0.1	3.2	20	16	3.84	2.89	16.74	17.34	17.97	18.64	60	6	●	2
8544918	▲	4.0	0.1	3.2	24	20	3.84	2.41	20.89	21.62	22.40	23.24	60	6	●	2
8544919	▲	4.0	0.1	3.2	29	25	3.84	1.99	26.07	26.97	27.94	28.97	60	6	●	2
8544920	▲	4.0	0.1	3.2	34	30	3.84	1.70	31.23	32.32	33.48	34.72	75	6	●	2
8557625	●	4.0	0.2	3.2	20	16	3.84	2.90	16.74	17.34	17.96	18.62	50	6	●	2
8557626	●	4.0	0.2	3.2	24	20	3.84	2.41	20.89	21.62	22.39	23.22	60	6	●	2
8557627	●	4.0	0.2	3.2	29	25	3.84	2.00	26.06	26.96	27.93	28.96	60	6	●	2
8557628	●	4.0	0.2	3.2	34	30	3.84	1.70	31.23	32.31	33.47	34.71	75	6	●	2
8557629	●	4.0	0.2	3.2	44	40	3.84	1.31	41.57	43.01	44.45	45.89	75	6	●	2
8544943	▲	4.0	0.2	3.2	12	8	3.84	4.86	8.40	8.76	9.09	9.42	60	6	●	2
8544944	▲	4.0	0.2	3.2	16	12	3.84	3.63	12.58	13.06	13.52	14.02	60	6	●	2
8557630	●	4.0	0.3	3.2	20	16	3.84	2.92	16.74	17.33	17.95	18.61	50	6	●	2
8557631	●	4.0	0.3	3.2	24	20	3.84	2.42	20.89	21.61	22.38	23.21	60	6	●	2
8557632	●	4.0	0.3	3.2	29	25	3.84	2.00	26.06	26.96	27.92	28.95	60	6	●	2
8557633	●	4.0	0.3	3.2	34	30	3.84	1.71	31.23	32.31	33.46	34.70	75	6	●	2
8557634	●	4.0	0.3	3.2	44	40	3.84	1.32	41.56	43.00	44.44	45.88	75	6	●	2
8544945	▲	4.0	0.3	3.2	12	8	3.84	4.90	8.40	8.75	9.08	9.41	60	6	●	2

● Stocked ▲ Globally Stocked ○ Made to Order; contact an OSG representative for details



A Brand AE-CPR4-H

Advanced Performance Four-Fluted Long Neck Corner Radius End Mill for Hardened Steels

List 8592 (Continued)

A BRAND AE-CPR4-H



NEW
SIZES

SPEED
FEED
64-75

CARBIDE

DUROREY

4 FLUTE

30°



SHANK
h4

STUB

PACKED
1 PIECE

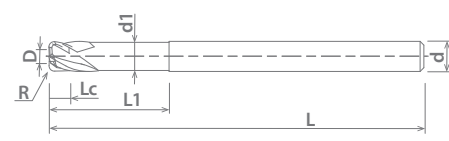
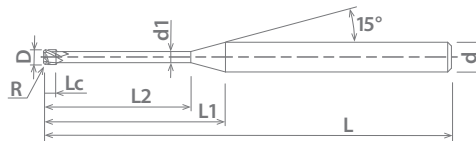
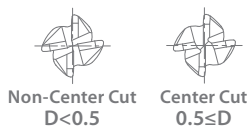
EDP Number		Dia.	Corner Radius	Length of Cut	Neck Length	Non-Taper Neck Length	Neck Dia.	Interference Angle	Effective Neck Length by Incline Angle					Overall Length	Shank Dia.	Center Cutting	Type
		D (mm)	R (mm)	Lc (mm)	L1 (mm)	L2 (mm)	d1 (mm)	α (°)	0.5° (mm)	1.0° (mm)	1.5° (mm)	2.0° (mm)	3.0° (mm)	L (mm)	d (mm)		
8544946	▲	4.0	0.3	3.2	16	12	3.84	3.66	12.57	13.05	13.51	14.01	15.12	60	6	●	2
8557635	●	4.0	0.5	3.2	20	16	3.84	2.95	16.73	17.32	17.92	18.58	—	50	6	●	2
8557636	●	4.0	0.5	3.2	24	20	3.84	2.44	20.88	21.59	22.36	23.18	—	60	6	●	2
8557637	●	4.0	0.5	3.2	29	25	3.84	2.02	26.05	26.94	27.90	28.93	—	60	6	●	2
8557638	●	4.0	0.5	3.2	34	30	3.84	1.72	31.22	32.29	33.44	—	—	75	6	●	2
8557639	▲	4.0	0.5	3.2	44	40	3.84	1.32	41.56	42.99	—	—	—	75	6	●	2
8557640	▲	4.0	0.5	3.2	54	50	3.84	1.08	51.89	53.69	—	—	—	90	6	●	2
8544947	▲	4.0	0.5	3.2	12	8	3.84	4.98	8.39	8.74	9.06	9.38	10.1	60	6	●	2
8544948	▲	4.0	0.5	3.2	16	12	3.84	3.70	12.56	13.04	13.49	13.98	15.07	60	6	●	2
8557641	●	4.0	1	3.2	20	16	3.84	3.02	16.71	17.28	17.87	18.50	19.93	50	6	●	2
8557642	●	4.0	1	3.2	24	20	3.84	2.50	20.86	21.56	22.30	23.10	—	60	6	●	2
8557643	●	4.0	1	3.2	29	25	3.84	2.05	26.04	26.91	27.85	28.85	—	60	6	●	2
8557644	●	4.0	1	3.2	34	30	3.84	1.74	31.20	32.26	33.39	—	—	75	6	●	2
8557645	▲	4.0	1	3.2	44	40	3.84	1.34	41.54	42.95	—	—	—	75	6	●	2
8544949	▲	4.0	1	3.2	12	8	3.84	5.20	8.36	8.70	9.00	9.31	9.98	60	6	●	2
8544950	▲	4.0	1	3.2	16	12	3.84	3.82	12.54	13.00	13.44	13.90	14.96	60	6	●	2
8544922	▲	6.0	0.1	4.8	—	12	5.85	—	—	—	—	—	—	70	6	●	2
8544923	▲	6.0	0.1	4.8	—	18	5.85	—	—	—	—	—	—	90	6	●	2
8544925	●	6.0	0.1	4.8	—	24	5.85	—	—	—	—	—	—	90	6	●	2
8544926	▲	6.0	0.1	4.8	—	30	5.85	—	—	—	—	—	—	90	6	●	2
8544927	●	6.0	0.1	4.8	—	48	5.85	—	—	—	—	—	—	120	6	●	2
8544929	▲	6.0	0.2	4.8	—	12	5.85	—	—	—	—	—	—	70	6	●	2
8544930	▲	6.0	0.2	4.8	—	18	5.85	—	—	—	—	—	—	90	6	●	2
8544931	●	6.0	0.2	4.8	—	24	5.85	—	—	—	—	—	—	90	6	●	2
8544932	▲	6.0	0.2	4.8	—	30	5.85	—	—	—	—	—	—	90	6	●	2
8544933	●	6.0	0.2	4.8	—	48	5.85	—	—	—	—	—	—	120	6	●	2
8544934	▲	6.0	0.3	4.8	—	12	5.85	—	—	—	—	—	—	70	6	●	2
8544935	▲	6.0	0.3	4.8	—	18	5.85	—	—	—	—	—	—	90	6	●	2
8544936	●	6.0	0.3	4.8	—	24	5.85	—	—	—	—	—	—	90	6	●	2
8544937	▲	6.0	0.3	4.8	—	30	5.85	—	—	—	—	—	—	90	6	●	2
8544938	●	6.0	0.3	4.8	—	48	5.85	—	—	—	—	—	—	120	6	●	2
8544939	▲	6.0	0.5	4.8	—	12	5.85	—	—	—	—	—	—	70	6	●	2
8544940	▲	6.0	0.5	4.8	—	18	5.85	—	—	—	—	—	—	90	6	●	2
8544941	●	6.0	0.5	4.8	—	24	5.85	—	—	—	—	—	—	90	6	●	2
8544942	▲	6.0	0.5	4.8	—	30	5.85	—	—	—	—	—	—	90	6	●	2
8544951	●	6.0	0.5	4.8	—	48	5.85	—	—	—	—	—	—	120	6	●	2
8544952	▲	6.0	1	4.8	—	12	5.85	—	—	—	—	—	—	70	6	●	2
8544953	▲	6.0	1	4.8	—	18	5.85	—	—	—	—	—	—	90	6	●	2
8544954	●	6.0	1	4.8	—	24	5.85	—	—	—	—	—	—	90	6	●	2
8544955	▲	6.0	1	4.8	—	30	5.85	—	—	—	—	—	—	90	6	●	2
8544956	●	6.0	1	4.8	—	48	5.85	—	—	—	—	—	—	120	6	●	2

● Stocked ▲ Globally Stocked ○ Made to Order; contact an OSG representative for details



Type1

Type2



CONTINUED ➔

P					M			K	N		S		H			
Steel					Stainless Steel			Cast Iron	Non-Ferrous		HRSA		Hardened Steel			
Carbon Steel			Alloy Steel	Die Steel					Aluminum		Nickel Alloy	Titanium				
Low	Medium	High							6061	Casting						
1010	1035	1065	4140	Steel	300	400	17-4 PH	6061	7075	7075	7075	7075	7075	7075	7075	7075
1018	1045	1065	4340		300	400	17-4 PH	6061	7075	7075	7075	7075	7075	7075	7075	7075
			○	○									○	○	○	○

○ Good ○ Best

