

.1575" - .2500"
(4.000mm - 6.350mm)



TECH PAGES
288-290

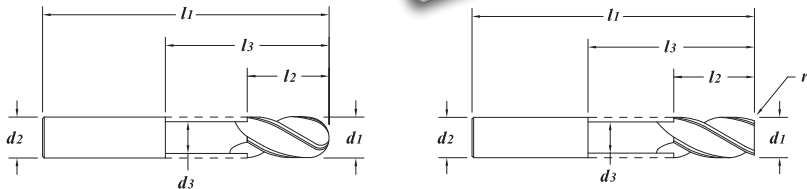
TOLERANCES	
d1	+0.000" - .001" (+.000mm - .025mm)
d2	h6
r	+0.011" - .001" (+.025 - .025mm)

Recommended for aluminum

Variable Helix End Mill

Bright Finish

- Solid submicron grain carbide end mill - center cutting
- Engineered for High Efficiency Milling of Aluminum
- Proprietary geometry with polished flutes breaks up harmonics
- Improved end geometry provides superior floor finishes and increased plunge rates
- Capable of running up to 40,000 RPM - reduces vibration and balance issues
- Chip splitters and necks can be added within 48 hours



MATERIAL HARDNESS (Rc)

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EDP#	d1 †		d2	l1	l2	r	l3	d3	1-11	12-24	25-49	50-100	
	Decimal	Diameter											Metric
07000	.1575		4.000	6.0	50	12	-	16	3.80	26.47	25.32	24.17	23.02
07001	.1575		4.000	6.0	50	12	0.20	16	3.80	30.18	28.86	27.55	26.24
07002	.1575		4.000	6.0	50	12	0.50	16	3.80	30.18	28.86	27.55	26.24
07003	.1575		4.000	6.0	50	12	1.00	16	3.80	30.18	28.86	27.55	26.24
07004	.1875	3/16"	4.763	3/16"	2"	1/2"	-	5/8"	.179"	19.17	18.34	17.50	16.67
07005	.1875	3/16"	4.763	3/16"	2"	1/2"	.015"	5/8"	.179"	21.60	20.66	19.72	18.78
07006	.1875	3/16"	4.763	3/16"	2"	1/2"	.030"	5/8"	.179"	21.60	20.66	19.72	18.78
07007	.1875	3/16"	4.763	3/16"	2"	1/2"	.060"	5/8"	.179"	21.60	20.66	19.72	18.78
07008	.1875	3/16"	4.763	3/16"	2"	1/2"	BALL	5/8"	.179"	21.60	20.66	19.72	18.78
07009	.1969		5.000	6.0	65	16	-	26	4.70	26.88	25.71	24.54	23.37
07010	.1969		5.000	6.0	65	16	0.20	26	4.70	32.06	30.67	29.27	27.88
07011	.1969		5.000	6.0	65	16	0.50	26	4.70	32.06	30.67	29.27	27.88
07012	.1969		5.000	6.0	65	16	1.00	26	4.70	32.06	30.67	29.27	27.88
07013	.2362		6.000	6.0	65	19	-	26	5.70	25.79	24.67	23.55	22.43
07014	.2362		6.000	6.0	65	19	0.20	26	5.70	30.74	29.40	28.07	26.73
07015	.2362		6.000	6.0	65	19	0.50	26	5.70	30.74	29.40	28.07	26.73
07016	.2362		6.000	6.0	65	19	1.00	26	5.70	30.74	29.40	28.07	26.73
07017	.2362		6.000	6.0	65	19	1.50	26	5.70	30.74	29.40	28.07	26.73
07018	.2362		6.000	6.0	65	19	2.00	26	5.70	30.74	29.40	28.07	26.73
07019	.2362		6.000	6.0	65	19	BALL	26	5.70	30.74	29.40	28.07	26.73
NEW 07228	.2500	1/4"	6.350	1/4"	2"	3/8"	-	-	-	18.48	17.68	16.87	16.07
NEW 07229	.2500	1/4"	6.350	1/4"	2"	1/2"	-	-	-	18.48	17.68	16.87	16.07
07020	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	-	-	-	19.45	18.60	17.76	16.91
07021	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	.015"	-	-	24.15	23.10	22.05	21.00
07022	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	.030"	-	-	24.15	23.10	22.05	21.00
07023	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	.060"	-	-	24.15	23.10	22.05	21.00
07024	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	.090"	-	-	24.15	23.10	22.05	21.00
07025	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	BALL	-	-	24.15	23.10	22.05	21.00
07026	.2500	1/4"	6.350	1/4"	3"	1"	-	-	-	33.28	31.83	30.39	28.94
07027	.2500	1/4"	6.350	1/4"	3"	1"	.030"	-	-	39.11	37.41	35.71	34.01
07028	.2500	1/4"	6.350	1/4"	3"	1"	.060"	-	-	39.11	37.41	35.71	34.01
07029	.2500	1/4"	6.350	1/4"	3"	3/8"	-	1-1/8"	.235"	38.66	36.98	35.30	33.62
07030	.2500	1/4"	6.350	1/4"	3"	3/8"	.015"	1-1/8"	.235"	44.49	42.56	40.62	38.69
07031	.2500	1/4"	6.350	1/4"	3"	3/8"	.030"	1-1/8"	.235"	44.49	42.56	40.62	38.69
07032	.2500	1/4"	6.350	1/4"	3"	3/8"	.060"	1-1/8"	.235"	44.49	42.56	40.62	38.69

EDP#	$d1$ † Diameter		$d2$ Shank Diameter	$l1$ Overall Length	$l2$ Flute Length	r Corner Radius	$l3$ Reach Length	$d3$ Neck Diameter	1-11	12-24	25-49	50-100	
	Decimal	Metric											
07033	.3150	8.000	8.0	65	19	-	26	7.40	34.49	32.99	31.49	29.99	
07034	.3150	8.000	8.0	65	19	0.20	26	7.40	38.99	37.29	35.60	33.90	
07035	.3150	8.000	8.0	65	19	0.50	26	7.40	38.99	37.29	35.60	33.90	
07036	.3150	8.000	8.0	65	19	1.00	26	7.40	38.99	37.29	35.60	33.90	
07037	.3150	8.000	8.0	65	19	1.50	26	7.40	38.99	37.29	35.60	33.90	
07038	.3150	8.000	8.0	65	19	2.00	26	7.40	38.99	37.29	35.60	33.90	
07039	.3150	8.000	8.0	65	19	3.00	26	7.40	38.99	37.29	35.60	33.90	
07040	.3150	8.000	8.0	65	19	BALL	26	7.40	38.99	37.29	35.60	33.90	
07041	.3750	3/8"	9.525	3/8"	2-1/2"	1"	-	-	-	33.68	32.22	30.75	29.29
07042	.3750	3/8"	9.525	3/8"	2-1/2"	1"	.010"	-	-	38.32	36.65	34.99	33.32
07043	.3750	3/8"	9.525	3/8"	2-1/2"	1"	.015"	-	-	38.32	36.65	34.99	33.32
07044	.3750	3/8"	9.525	3/8"	2-1/2"	1"	.020"	-	-	38.32	36.65	34.99	33.32
07045	.3750	3/8"	9.525	3/8"	2-1/2"	1"	.030"	-	-	38.32	36.65	34.99	33.32
07046	.3750	3/8"	9.525	3/8"	2-1/2"	1"	.060"	-	-	38.32	36.65	34.99	33.32
07047	.3750	3/8"	9.525	3/8"	2-1/2"	1"	.090"	-	-	38.32	36.65	34.99	33.32
07048	.3750	3/8"	9.525	3/8"	2-1/2"	1"	.120"	-	-	38.32	36.65	34.99	33.32
07049	.3750	3/8"	9.525	3/8"	2-1/2"	1"	BALL	-	-	38.32	36.65	34.99	33.32
07050	.3750	3/8"	9.525	3/8"	3"	1-1/4"	-	-	-	46.39	44.37	42.36	40.34
07051	.3750	3/8"	9.525	3/8"	3"	1-1/4"	.015"	-	-	52.38	50.11	47.83	45.55
07052	.3750	3/8"	9.525	3/8"	3"	1-1/4"	.030"	-	-	52.38	50.11	47.83	45.55
07053	.3750	3/8"	9.525	3/8"	3"	1-1/4"	.060"	-	-	52.38	50.11	47.83	45.55
07054	.3750	3/8"	9.525	3/8"	3"	1-1/4"	.120"	-	-	52.38	50.11	47.83	45.55
07055	.3750	3/8"	9.525	3/8"	3"	1/2"	-	1-1/8"	.355"	51.77	49.52	47.27	45.02
07056	.3750	3/8"	9.525	3/8"	3"	1/2"	.015"	1-1/8"	.355"	57.76	55.25	52.74	50.23
07057	.3750	3/8"	9.525	3/8"	3"	1/2"	.030"	1-1/8"	.355"	57.76	55.25	52.74	50.23
07058	.3750	3/8"	9.525	3/8"	3"	1/2"	.060"	1-1/8"	.355"	57.76	55.25	52.74	50.23
07059	.3750	3/8"	9.525	3/8"	3"	1/2"	.090"	1-1/8"	.355"	57.76	55.25	52.74	50.23
07060	.3750	3/8"	9.525	3/8"	3"	1/2"	.120"	1-1/8"	.355"	57.76	55.25	52.74	50.23
07061	.3750	3/8"	9.525	3/8"	4"	1/2"	-	2-1/8"	.355"	62.47	59.75	57.04	54.32
07062	.3750	3/8"	9.525	3/8"	4"	1/2"	.015"	2-1/8"	.355"	71.20	68.10	65.01	61.91
07063	.3750	3/8"	9.525	3/8"	4"	1/2"	.020"	2-1/8"	.355"	71.20	68.10	65.01	61.91
07064	.3750	3/8"	9.525	3/8"	4"	1/2"	.030"	2-1/8"	.355"	71.20	68.10	65.01	61.91
07065	.3750	3/8"	9.525	3/8"	4"	1/2"	.060"	2-1/8"	.355"	71.20	68.10	65.01	61.91
07066	.3750	3/8"	9.525	3/8"	4"	1/2"	.090"	2-1/8"	.355"	71.20	68.10	65.01	61.91
07067	.3750	3/8"	9.525	3/8"	4"	1/2"	.120"	2-1/8"	.355"	71.20	68.10	65.01	61.91
07068	.3937	10.000	10.0	70	22	-	30	9.40	64.87	62.05	59.23	56.41	
07069	.3937	10.000	10.0	70	22	0.20	30	9.40	64.87	62.05	59.23	56.41	
07070	.3937	10.000	10.0	70	22	0.50	30	9.40	64.87	62.05	59.23	56.41	
07071	.3937	10.000	10.0	70	22	1.00	30	9.40	64.87	62.05	59.23	56.41	
07072	.3937	10.000	10.0	70	22	1.50	30	9.40	64.87	62.05	59.23	56.41	
07073	.3937	10.000	10.0	70	22	2.00	30	9.40	64.87	62.05	59.23	56.41	
07074	.3937	10.000	10.0	70	22	3.00	30	9.40	64.87	62.05	59.23	56.41	
07075	.3937	10.000	10.0	70	22	BALL	30	9.40	64.87	62.05	59.23	56.41	
07076	.3937	10.000	10.0	100	40	-	-	-	65.50	62.66	59.81	56.96	
07077	.3937	10.000	10.0	100	22	-	55	9.40	76.82	73.48	70.14	66.80	
07078	.4724	12.000	12.0	88	26	-	38	11.40	83.40	79.77	76.15	72.52	
07079	.4724	12.000	12.0	88	26	0.20	38	11.40	98.46	94.18	89.90	85.62	
07212	.4724	12.000	12.0	88	26	0.50	38	11.40	98.46	94.18	89.90	85.62	
07081	.4724	12.000	12.0	88	26	1.00	38	11.40	98.46	94.18	89.90	85.62	
07082	.4724	12.000	12.0	88	26	1.50	38	11.40	98.46	94.18	89.90	85.62	
07083	.4724	12.000	12.0	88	26	2.00	38	11.40	98.46	94.18	89.90	85.62	
07084	.4724	12.000	12.0	88	26	3.00	38	11.40	98.46	94.18	89.90	85.62	
07085	.4724	12.000	12.0	88	26	4.00	38	11.40	98.46	94.18	89.90	85.62	
07086	.4724	12.000	12.0	88	26	BALL	38	11.40	98.46	94.18	89.90	85.62	

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MATERIAL HARDNESS (Rc)

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continued →

Series A3 (continued)

.4724" - .6250"
(12.000mm - 15.875mm)

EDP#	$d1$ † Diameter		$d2$ Shank Diameter	$l1$ Overall Length	$l2$ Flute Length	r Corner Radius	$l3$ Reach Length	$d3$ Neck Diameter	1-11	12-24	25-49	50-100	
	Decimal	Metric											
07213	.4724	12.000	12.0	88	36	-	-	-	77.34	73.98	70.61	67.25	
07088	.4724	12.000	12.0	88	36	0.20	-	-	92.97	88.92	84.88	80.84	
07089	.4724	12.000	12.0	88	36	0.50	-	-	92.97	88.92	84.88	80.84	
07090	.4724	12.000	12.0	88	36	1.00	-	-	92.97	88.92	84.88	80.84	
07091	.4724	12.000	12.0	88	36	1.50	-	-	92.97	88.92	84.88	80.84	
07092	.4724	12.000	12.0	88	36	2.00	-	-	92.97	88.92	84.88	80.84	
07093	.4724	12.000	12.0	88	36	3.00	-	-	92.97	88.92	84.88	80.84	
07094	.4724	12.000	12.0	88	36	4.00	-	-	92.97	88.92	84.88	80.84	
07095	.4724	12.000	12.0	88	36	BALL	-	-	92.97	88.92	84.88	80.84	
07215	.5000	1/2"	12.700	1/2"	3"	1"	-	-	55.26	52.86	50.45	48.05	
07216	.5000	1/2"	12.700	1/2"	3"	1"	.030"	-	72.55	69.40	66.24	63.09	
07217	.5000	1/2"	12.700	1/2"	3"	1"	BALL	-	72.55	69.40	66.24	63.09	
07096	.5000	1/2"	12.700	1/2"	3"	1-1/4"	-	-	55.26	52.86	50.45	48.05	
07097	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.010"	-	72.55	69.40	66.24	63.09	
07098	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.015"	-	72.55	69.40	66.24	63.09	
07099	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.020"	-	72.55	69.40	66.24	63.09	
07100	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.030"	-	72.55	69.40	66.24	63.09	
07101	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.060"	-	72.55	69.40	66.24	63.09	
07102	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.090"	-	72.55	69.40	66.24	63.09	
07103	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.120"	-	72.55	69.40	66.24	63.09	
07218	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.125"	-	72.55	69.40	66.24	63.09	
07104	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.190"	-	72.55	69.40	66.24	63.09	
07105	.5000	1/2"	12.700	1/2"	3"	1-1/4"	BALL	-	72.55	69.40	66.24	63.09	
07219	.5000	1/2"	12.700	1/2"	3"	1/2"	.030"	1-1/2"	.470"	77.94	74.55	71.16	67.77
07220	.5000	1/2"	12.700	1/2"	3"	1/2"	.090"	1-1/2"	.470"	77.94	74.55	71.16	67.77
NEW 07230	.5000	1/2"	12.700	1/2"	3-1/2"	1-1/2"	-	-	72.55	69.40	66.24	63.09	
07221	.5000	1/2"	12.700	1/2"	4"	1-5/8"	-	-	74.88	71.62	68.37	65.11	
07222	.5000	1/2"	12.700	1/2"	4"	1-5/8"	.030"	-	84.31	80.64	76.98	73.31	
07223	.5000	1/2"	12.700	1/2"	4"	1-5/8"	BALL	-	84.31	80.64	76.98	73.31	
07106	.5000	1/2"	12.700	1/2"	4"	2-1/16"	-	-	74.88	71.62	68.37	65.11	
07107	.5000	1/2"	12.700	1/2"	4"	2-1/16"	.015"	-	84.31	80.64	76.98	73.31	
07108	.5000	1/2"	12.700	1/2"	4"	2-1/16"	.030"	-	84.31	80.64	76.98	73.31	
07109	.5000	1/2"	12.700	1/2"	4"	2-1/16"	.060"	-	84.31	80.64	76.98	73.31	
07110	.5000	1/2"	12.700	1/2"	4"	2-1/16"	.120"	-	84.31	80.64	76.98	73.31	
07224	.5000	1/2"	12.700	1/2"	4"	1/2"	.090"	2"	.470"	95.60	91.44	87.29	83.13
07225	.5000	1/2"	12.700	1/2"	4"	1/2"	.190"	2"	.470"	95.60	91.44	87.29	83.13
07111	.5000	1/2"	12.700	1/2"	4"	5/8"	-	2-1/4"	.475"	86.18	82.43	78.69	74.94
07112	.5000	1/2"	12.700	1/2"	4"	5/8"	.015"	2-1/4"	.475"	95.60	91.44	87.29	83.13
07113	.5000	1/2"	12.700	1/2"	4"	5/8"	.030"	2-1/4"	.475"	95.60	91.44	87.29	83.13
07114	.5000	1/2"	12.700	1/2"	4"	5/8"	.060"	2-1/4"	.475"	95.60	91.44	87.29	83.13
07115	.5000	1/2"	12.700	1/2"	4"	5/8"	BALL	2-1/4"	.475"	95.60	91.44	87.29	83.13
07116	.6250	5/8"	15.875	5/8"	4"	1-5/8"	-	-	118.96	113.78	108.61	103.44	
07214	.6250	5/8"	15.875	5/8"	4"	1-5/8"	.030"	-	130.38	124.71	119.04	113.37	
07118	.6250	5/8"	15.875	5/8"	4"	1-5/8"	.060"	-	130.38	124.71	119.04	113.37	
07119	.6250	5/8"	15.875	5/8"	4"	1-5/8"	.090"	-	130.38	124.71	119.04	113.37	
07120	.6250	5/8"	15.875	5/8"	4"	1-5/8"	.120"	-	130.38	124.71	119.04	113.37	
07121	.6250	5/8"	15.875	5/8"	4"	3/4"	-	2-3/8"	.590"	129.72	124.08	118.44	112.80
07122	.6250	5/8"	15.875	5/8"	4"	3/4"	.030"	2-3/8"	.590"	141.14	135.00	128.87	122.73
07123	.6250	5/8"	15.875	5/8"	4"	3/4"	.060"	2-3/8"	.590"	141.14	135.00	128.87	122.73
07124	.6250	5/8"	15.875	5/8"	4"	3/4"	.120"	2-3/8"	.590"	141.14	135.00	128.87	122.73
07125	.6250	5/8"	15.875	5/8"	4"	3/4"	.190"	2-3/8"	.590"	141.14	135.00	128.87	122.73

MATERIAL HARDNESS (Rc)

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EDP#	$d1$ † Diameter		$d2$ Shank Diameter	$l1$ Overall Length	$l2$ Flute Length	r Corner Radius	$l3$ Reach Length	$d3$ Neck Diameter	1-11	12-24	25-49	50-100	
	Decimal	Metric											
07126	.6299	16.000	16.0	100	24	-	50	15.40	131.93	126.19	120.46	114.72	
07127	.6299	16.000	16.0	100	24	0.50	50	15.40	144.00	137.74	131.48	125.22	
07128	.6299	16.000	16.0	100	24	1.00	50	15.40	144.00	137.74	131.48	125.22	
07129	.6299	16.000	16.0	100	24	1.50	50	15.40	144.00	137.74	131.48	125.22	
07130	.6299	16.000	16.0	100	24	3.00	50	15.40	144.00	137.74	131.48	125.22	
NEW 07131	.6299	16.000	16.0	100	24	6.00	50	15.40	144.00	137.74	131.48	125.22	
07132	.6299	16.000	16.0	100	32	-	50	15.40	131.93	126.19	120.46	114.72	
07133	.6299	16.000	16.0	100	32	0.50	50	15.40	144.00	137.74	131.48	125.22	
07134	.6299	16.000	16.0	100	32	1.00	50	15.40	144.00	137.74	131.48	125.22	
07135	.6299	16.000	16.0	100	32	1.50	50	15.40	144.00	137.74	131.48	125.22	
07136	.6299	16.000	16.0	100	32	3.00	50	15.40	144.00	137.74	131.48	125.22	
07137	.6299	16.000	16.0	100	32	6.00	50	15.40	144.00	137.74	131.48	125.22	
07138	.7500	3/4"	19.050	3/4"	4"	1-3/4"	-	-	-	153.73	147.05	140.36	133.68
07139	.7500	3/4"	19.050	3/4"	4"	1-3/4"	.015"	-	-	171.15	163.71	156.27	148.83
07140	.7500	3/4"	19.050	3/4"	4"	1-3/4"	.030"	-	-	171.15	163.71	156.27	148.83
07141	.7500	3/4"	19.050	3/4"	4"	1-3/4"	.060"	-	-	171.15	163.71	156.27	148.83
07142	.7500	3/4"	19.050	3/4"	4"	1-3/4"	.078"	-	-	171.15	163.71	156.27	148.83
07143	.7500	3/4"	19.050	3/4"	4"	1-3/4"	.094"	-	-	171.15	163.71	156.27	148.83
07144	.7500	3/4"	19.050	3/4"	4"	1-3/4"	.120"	-	-	171.15	163.71	156.27	148.83
07145	.7500	3/4"	19.050	3/4"	4"	1-3/4"	.156"	-	-	171.15	163.71	156.27	148.83
07146	.7500	3/4"	19.050	3/4"	4"	1-3/4"	.190"	-	-	171.15	163.71	156.27	148.83
07147	.7500	3/4"	19.050	3/4"	4"	1-3/4"	.250"	-	-	171.15	163.71	156.27	148.83
07148	.7500	3/4"	19.050	3/4"	4"	1-3/4"	BALL	-	-	171.15	163.71	156.27	148.83
07149	.7500	3/4"	19.050	3/4"	4"	1"	-	2"	.715"	159.11	152.20	145.28	138.36
07150	.7500	3/4"	19.050	3/4"	4"	1"	.030"	2"	.715"	176.54	168.86	161.19	153.51
07151	.7500	3/4"	19.050	3/4"	4"	1"	.060"	2"	.715"	176.54	168.86	161.19	153.51
07152	.7500	3/4"	19.050	3/4"	4"	1"	.090"	2"	.715"	176.54	168.86	161.19	153.51
07153	.7500	3/4"	19.050	3/4"	4"	1"	.120"	2"	.715"	176.54	168.86	161.19	153.51
07154	.7500	3/4"	19.050	3/4"	4"	1"	.125"	2"	.715"	176.54	168.86	161.19	153.51
07155	.7500	3/4"	19.050	3/4"	4"	1"	.160"	2"	.715"	176.54	168.86	161.19	153.51
07156	.7500	3/4"	19.050	3/4"	4"	1"	.190"	2"	.715"	176.54	168.86	161.19	153.51
07157	.7500	3/4"	19.050	3/4"	5"	2-1/4"	-	-	-	204.76	195.86	186.95	178.05
07158	.7500	3/4"	19.050	3/4"	5"	2-1/4"	.030"	-	-	237.72	227.38	217.05	206.71
07159	.7500	3/4"	19.050	3/4"	5"	2-1/4"	.060"	-	-	237.72	227.38	217.05	206.71
07160	.7500	3/4"	19.050	3/4"	5"	2-1/4"	.120"	-	-	237.72	227.38	217.05	206.71
07161	.7500	3/4"	19.050	3/4"	5"	2-1/4"	.125"	-	-	237.72	227.38	217.05	206.71
07162	.7500	3/4"	19.050	3/4"	5"	2-1/4"	.190"	-	-	237.72	227.38	217.05	206.71
07163	.7500	3/4"	19.050	3/4"	5"	2-1/4"	.250"	-	-	237.72	227.38	217.05	206.71
07226	.7500	3/4"	19.050	3/4"	6"	3-1/4"	-	-	-	208.14	199.09	190.04	180.99
07164	.7500	3/4"	19.050	3/4"	6"	1"	-	3-3/8"	.715"	221.43	211.81	202.18	192.55
07165	.7500	3/4"	19.050	3/4"	6"	1"	.030"	3-3/8"	.715"	257.04	245.86	234.69	223.51
07166	.7500	3/4"	19.050	3/4"	6"	1"	.060"	3-3/8"	.715"	257.04	245.86	234.69	223.51
07167	.7500	3/4"	19.050	3/4"	6"	1"	.090"	3-3/8"	.715"	257.04	245.86	234.69	223.51
07168	.7500	3/4"	19.050	3/4"	6"	1"	.125"	3-3/8"	.715"	257.04	245.86	234.69	223.51
07169	.7500	3/4"	19.050	3/4"	6"	1"	.250"	3-3/8"	.715"	257.04	245.86	234.69	223.51
07170	.7500	3/4"	19.050	3/4"	6"	1"	BALL	3-3/8"	.715"	257.04	245.86	234.69	223.51

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MATERIAL HARDNESS (Rc)

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continued →

Series A3 (continued)

.7874" - 1.000"
(20.000mm - 25.400mm)

EDP#	$d1$ † Diameter		$d2$ Shank Diameter	$l1$ Overall Length	$l2$ Flute Length	r Corner Radius	$l3$ Reach Length	$d3$ Neck Diameter	1-11	12-24	25-49	50-100	
	Decimal	Metric											
07171	.7874	20.000	20.0	100	30	-	50	19.4	211.11	201.93	192.75	183.57	
07172	.7874	20.000	20.0	100	30	0.50	50	19.4	246.50	235.79	225.07	214.35	
07173	.7874	20.000	20.0	100	30	1.00	50	19.4	246.50	235.79	225.07	214.35	
07174	.7874	20.000	20.0	100	30	1.50	50	19.4	246.50	235.79	225.07	214.35	
07175	.7874	20.000	20.0	100	30	3.00	50	19.4	246.50	235.79	225.07	214.35	
07176	.7874	20.000	20.0	100	30	4.00	50	19.4	246.50	235.79	225.07	214.35	
07177	.7874	20.000	20.0	100	30	5.00	50	19.4	246.50	235.79	225.07	214.35	
07178	.7874	20.000	20.0	100	30	6.00	50	19.4	246.50	235.79	225.07	214.35	
07179	.7874	20.000	20.0	100	30	8.00	50	19.4	246.50	235.79	225.07	214.35	
07180	.7874	20.000	20.0	150	30	-	100	19.40	264.83	253.32	241.80	230.29	
07181	.7874	20.000	20.0	150	30	0.50	100	19.40	328.35	314.07	299.80	285.52	
07182	.7874	20.000	20.0	150	30	1.00	100	19.40	328.35	314.07	299.80	285.52	
NEW 07183	.7874	20.000	20.0	150	30	1.50	100	19.40	328.35	314.07	299.80	285.52	
07184	.7874	20.000	20.0	150	30	3.00	100	19.40	328.35	314.07	299.80	285.52	
07185	.7874	20.000	20.0	150	30	4.00	100	19.40	328.35	314.07	299.80	285.52	
07186	.7874	20.000	20.0	150	30	5.00	100	19.40	328.35	314.07	299.80	285.52	
NEW 07187	.7874	20.000	20.0	150	30	6.00	100	19.40	328.35	314.07	299.80	285.52	
NEW 07188	.7874	20.000	20.0	150	30	8.00	100	19.40	328.35	314.07	299.80	285.52	
07189	1.000	1"	25.400	1"	4"	1-1/4"	-	2"	.950"	235.57	225.32	215.08	204.84
07190	1.000	1"	25.400	1"	4"	1-1/4"	.060"	2"	.950"	301.55	288.44	275.33	262.22
07191	1.000	1"	25.400	1"	4-1/2"	1-1/4"	-	2-1/2"	.950"	267.19	255.57	243.96	232.34
07192	1.000	1"	25.400	1"	4-1/2"	1-1/4"	.030"	2-1/2"	.950"	340.45	325.64	310.84	296.04
07193	1.000	1"	25.400	1"	4-1/2"	1-1/4"	.060"	2-1/2"	.950"	340.45	325.64	310.84	296.04
07194	1.000	1"	25.400	1"	4-1/2"	1-1/4"	.120"	2-1/2"	.950"	340.45	325.64	310.84	296.04
07195	1.000	1"	25.400	1"	4-1/2"	1-1/4"	.125"	2-1/2"	.950"	340.45	325.64	310.84	296.04
07196	1.000	1"	25.400	1"	5"	1"	-	2-5/8"	.950"	294.29	281.49	268.70	255.90
07197	1.000	1"	25.400	1"	5"	1"	.030"	2-5/8"	.950"	375.05	358.74	342.44	326.13
07198	1.000	1"	25.400	1"	5"	1"	.060"	2-5/8"	.950"	375.05	358.74	342.44	326.13
07199	1.000	1"	25.400	1"	5"	1"	.125"	2-5/8"	.950"	375.05	358.74	342.44	326.13
07200	1.000	1"	25.400	1"	5"	1"	.250"	2-5/8"	.950"	375.05	358.74	342.44	326.13
07201	1.000	1"	25.400	1"	5"	1"	BALL	2-5/8"	.950"	375.05	358.74	342.44	326.13
07202	1.000	1"	25.400	1"	5"	2-1/4"	-	-	-	283.52	271.19	258.87	246.54
07203	1.000	1"	25.400	1"	5"	2-1/4"	.030"	-	-	364.29	348.45	332.61	316.77
07204	1.000	1"	25.400	1"	5"	2-1/4"	.060"	-	-	364.29	348.45	332.61	316.77
07205	1.000	1"	25.400	1"	5"	2-1/4"	.120"	-	-	364.29	348.45	332.61	316.77
07206	1.000	1"	25.400	1"	5"	2-1/4"	.250"	-	-	364.29	348.45	332.61	316.77
07207	1.000	1"	25.400	1"	6"	3-1/4"	-	-	-	352.59	337.26	321.93	306.60
07208	1.000	1"	25.400	1"	6"	3-1/4"	.030"	-	-	413.16	395.20	377.23	359.27
07209	1.000	1"	25.400	1"	6"	3-1/4"	.060"	-	-	413.16	395.20	377.23	359.27
NEW 07210	1.000	1"	25.400	1"	6"	3-1/4"	.120"	-	-	413.16	395.20	377.23	359.27
07211	1.000	1"	25.400	1"	6"	3-1/4"	.250"	-	-	413.16	395.20	377.23	359.27

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MATERIAL HARDNESS (Rc)

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