

Double End Finishers

Style HD-4 • HSS, Double End, 4-Flute, Non-Center Cutting

formerly styles 682, 695

FEATURES

ANSI SIZES **HSS SUBSTRATE**

GENERAL PURPOSE **BRIGHT**

4+ FLUTE NCC **TiN**

30° **TiCN**

APPLICATIONS

ALLOY STEEL

COPPER ALLOYS

CAST IRON

MAGNESIUM

Heavy cross-section for high rigidity.



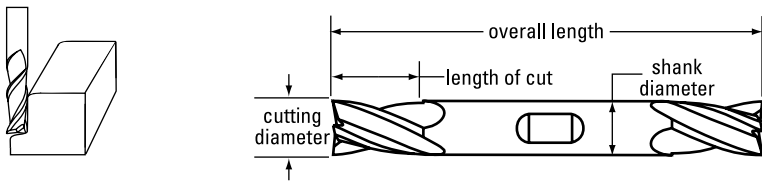
Style HD-4 Bright



Style HD-4 TiN-coated



Style HD-4 TiCN-coated



Cutting Diameter	Decimal Equiv.	Metric Equiv.	Shank Diameter		Length of Cut		Overall Length		No. of Flutes	Order Number		
			in	mm	in	mm	in	mm		Bright	TiN	TiCN
1/8	.1250	3.18	.375	9.53	.188	4.76	2.750	69.85	4	C43374	C39054	C39059
1/8	.1250	3.18	.375	9.53	.375	9.53	3.063	77.79	4	C43307	C39318	C39359
9/64	.1406	3.57	.375	9.53	.438	11.11	3.125	79.38	4	C39297	C39319	C39360
5/32	.1562	3.97	.375	9.53	.234	5.95	2.750	69.85	4	C43375	C39055	C39060
5/32	.1562	3.97	.375	9.53	.438	11.11	3.125	79.38	4	C43308	C39320	C39361
11/64	.1719	4.37	.375	9.53	.500	12.70	3.250	82.55	4	C39298	C39321	C39362
3/16	.1875	4.76	.375	9.53	.281	7.14	2.750	69.85	4	C43377	C39056	C39061
3/16	.1875	4.76	.375	9.53	.500	12.70	3.250	82.55	4	C43310	C39322	C39363
13/64	.2031	5.16	.375	9.53	.563	14.29	3.250	82.55	4	C39299	C39323	C39364
7/32	.2188	5.56	.375	9.53	.328	8.33	2.875	73.03	4	C43379	C39057	C39062
7/32	.2188	5.56	.375	9.53	.563	14.29	3.250	82.55	4	C43312	C39324	C39365
15/64	.2344	5.95	.375	9.53	.625	15.88	3.375	85.73	4	C39300	C39325	C39366
1/4	.2500	6.35	.375	9.53	.375	9.53	2.875	73.03	4	C43381	C39058	C39063
1/4	.2500	6.35	.375	9.53	.625	15.88	3.375	85.73	4	C43314	C39326	C39367
17/64	.2656	6.75	.375	9.53	.688	17.46	3.375	85.73	4	C39301	C39327	C39368
9/32	.2812	7.14	.375	9.53	.688	17.46	3.375	85.73	4	C43316	C39328	C39369
19/64	.2969	7.54	.375	9.53	.750	19.05	3.500	88.90	4	C39302	C39329	C39370
5/16	.3125	7.94	.375	9.53	.750	19.05	3.500	88.90	4	C43317	C39330	C39371
21/64	.3281	8.33	.375	9.53	.750	19.05	3.500	88.90	4	C39303	C39331	C39372
11/32	.3438	8.73	.375	9.53	.750	19.05	3.500	88.90	4	C43319	C39332	C39373
23/64	.3594	9.13	.375	9.53	.750	19.05	3.500	88.90	4	C39304	C39333	-
3/8	.3750	9.53	.375	9.53	.750	19.05	3.500	88.90	4	C43321	C39334	C39375
25/64	.3906	9.92	.500	12.70	1.000	25.40	4.500	114.30	4	C39305	C39335	-
13/32	.4062	10.32	.500	12.70	1.000	25.40	4.500	114.30	4	C43323	C39336	C39377
27/64	.4219	10.72	.500	12.70	1.000	25.40	4.500	114.30	4	C39306	C39337	C39378
7/16	.4375	11.11	.500	12.70	1.000	25.40	4.500	114.30	4	C43325	C39338	C39379
29/64	.4531	11.51	.500	12.70	1.000	25.40	4.500	114.30	4	C39307	C39339	C39380
15/32	.4688	11.91	.500	12.70	1.000	25.40	4.500	114.30	4	C43326	C39340	-
31/64	.4844	12.30	.500	12.70	1.000	25.40	4.500	114.30	4	C39308	C39341	-
1/2	.5000	12.70	.500	12.70	1.000	25.40	4.125	104.78	4	C43328	C39342	C39383
17/32	.5312	13.49	.625	15.88	1.375	34.93	5.000	127.00	4	C39309	C39343	-
9/16	.5625	14.29	.625	15.88	1.375	34.93	5.000	127.00	4	C43330	C39344	C39385

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DRILLING

HOLE FINISHING

THREADING

MILLING

OTHER TOOLS