

# Helical

MANUFACTURERS OF HIGH PERFORMANCE  
CARBIDE CUTTING TOOLS

Reduced Neck



## New Series H35AL-RN-2R

*See reverse side for sizes*

2-Flute High Performance Design

Reduced Neck for Longer Reach & Maximum Strength

Available in Stub, Regular, Medium & Long Lengths

35 Degree Helix & Corner Radii for Improved Strength

Preferred in Roughing & Slotting Conditions

ZrN Coating for Maximum Chip Evacuation & Tool Life

Certified Premium Sub Micron Grain Carbide

Radius Sizes Not Shown - Available in 24-48 Hrs - Uncoated

# Helical

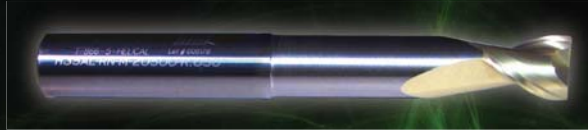
*Manufacturers of High Performance  
Carbide Cutting Tools*

**1-866-543-5422 | 1-866-350-5968 Fax**

**www.1helical.com**

Distributed By:

# H35AL-RN-2R



2 Flutes – Multi Rad – with Reduced Neck – Aluminum Geometry

Cut Diameter	Shank Dia.	LOC	OAL	LBS Length	Neck	Rad	Brite EDP#	Brite Price	ZrN EDP#	ZrN Price	Tool Description
1/8	1/8	5/32	2	3/8	.118	.010	40015	\$14.44	40016	\$15.76	H35AL-RN-S-20125-R.010
	1/8	5/32	2	3/8	.118	.030	40030	\$14.44	40031	\$15.76	H35AL-RN-S-20125-R.030
	1/8	5/32	2 1/2	1/2	.118	.010	40045	\$15.02	40046	\$16.34	H35AL-RN-R-20125-R.010
	1/8	5/32	2 1/2	1/2	.118	.030	40060	\$15.02	40061	\$16.34	H35AL-RN-R-20125-R.030
3/16	3/16	7/32	2 1/2	1/2	.178	.010	40075	\$16.36	40076	\$18.03	H35AL-RN-R-20187-R.010
	3/16	7/32	2 1/2	1/2	.178	.030	40090	\$16.36	40091	\$18.03	H35AL-RN-R-20187-R.030
	3/16	7/32	2 1/2	3/4	.178	.010	40105	\$16.41	40106	\$18.08	H35AL-RN-M-20187-R.010
	3/16	7/32	2 1/2	3/4	.178	.030	40120	\$16.41	40121	\$18.08	H35AL-RN-M-20187-R.030
1/4	1/4	3/8	2 1/2	3/4	.237	.010	40135	\$18.80	40136	\$22.23	H35AL-RN-S-20250-R.010
	1/4	3/8	2 1/2	3/4	.237	.030	40150	\$18.80	40151	\$22.23	H35AL-RN-S-20250-R.030
	1/4	3/8	3	1 1/8	.237	.010	40165	\$19.74	40166	\$23.16	H35AL-RN-R-20250-R.010
	1/4	3/8	3	1 1/8	.237	.030	40180	\$19.74	40181	\$23.16	H35AL-RN-R-20250-R.030
5/16	5/16	7/16	3	3/4	.296	.010	40225	\$22.85	40226	\$26.56	H35AL-RN-S-20312-R.010
	5/16	7/16	3	3/4	.296	.030	40240	\$22.85	40241	\$26.56	H35AL-RN-S-20312-R.030
	5/16	7/16	3	1 1/8	.296	.010	40255	\$23.06	40256	\$26.76	H35AL-RN-R-20312-R.010
	5/16	7/16	3	1 1/8	.296	.030	40270	\$23.06	40271	\$26.76	H35AL-RN-R-20312-R.030
3/8	3/8	1/2	3	3/4	.356	.015	40285	\$25.29	40286	\$29.00	H35AL-RN-S-20375-R.015
	3/8	1/2	3	3/4	.356	.030	40300	\$25.29	40301	\$29.00	H35AL-RN-S-20375-R.030
	3/8	1/2	3	1 1/8	.356	.015	40315	\$25.57	40316	\$29.27	H35AL-RN-R-20375-R.015
	3/8	1/2	3	1 1/8	.356	.030	40330	\$25.57	40331	\$29.27	H35AL-RN-R-20375-R.030
	3/8	1/2	4	2 1/8	.356	.015	40345	\$38.35	40346	\$42.90	H35AL-RN-M-20375-R.015
	3/8	1/2	4	2 1/8	.356	.030	40360	\$38.35	40361	\$42.90	H35AL-RN-M-20375-R.030
1/2	1/2	5/8	3	1	.475	.015	40435	\$40.97	40436	\$48.73	H35AL-RN-S-20500-R.015
	1/2	5/8	3	1	.475	.030	40450	\$40.97	40451	\$48.73	H35AL-RN-S-20500-R.030
	1/2	5/8	3	1 3/8	.475	.015	40465	\$41.56	40466	\$49.32	H35AL-RN-R-20500-R.015
	1/2	5/8	3	1 3/8	.475	.030	40480	\$41.56	40481	\$49.32	H35AL-RN-R-20500-R.030
	1/2	5/8	4	2 1/4	.475	.015	40495	\$50.10	40496	\$57.86	H35AL-RN-M-20500-R.015
	1/2	5/8	4	2 1/4	.475	.030	40510	\$50.10	40511	\$57.86	H35AL-RN-M-20500-R.030
	1/2	5/8	6	3 3/8	.475	.015	40525	\$68.86	40526	\$76.62	H35AL-RN-L-20500-R.015
	1/2	5/8	6	3 3/8	.475	.030	40540	\$68.86	40541	\$76.62	H35AL-RN-L-20500-R.030
5/8	5/8	3/4	4	1 1/4	.593	.015	40585	\$83.80	40586	\$92.82	H35AL-RN-S-20625-R.015
	5/8	3/4	4	1 1/4	.593	.030	40600	\$83.80	40601	\$92.82	H35AL-RN-S-20625-R.030
	5/8	3/4	4	1 5/8	.593	.015	40615	\$84.77	40616	\$93.78	H35AL-RN-R-20625-R.015
	5/8	3/4	4	1 5/8	.593	.030	40630	\$84.77	40631	\$93.78	H35AL-RN-R-20625-R.030
	5/8	3/4	6	2 3/8	.593	.015	40645	\$104.15	40646	\$113.17	H35AL-RN-M-20625-R.015
	5/8	3/4	6	2 3/8	.593	.030	40660	\$104.15	40661	\$113.17	H35AL-RN-M-20625-R.030
3/4	3/4	1	4	1 1/2	.712	.030	40735	\$103.43	40736	\$117.93	H35AL-RN-S-20750-R.030
	3/4	1	4	1 1/2	.712	.060	40750	\$104.55	40751	\$119.05	H35AL-RN-S-20750-R.060
	3/4	1	4	2	.712	.030	40765	\$105.25	40766	\$119.74	H35AL-RN-R-20750-R.030
	3/4	1	4	2	.712	.060	40780	\$106.37	40781	\$120.86	H35AL-RN-R-20750-R.060
	3/4	1	6	2 1/2	.712	.030	40795	\$145.40	40796	\$159.89	H35AL-RN-M-20750-R.030
	3/4	1	6	2 1/2	.712	.060	40810	\$146.52	40811	\$161.01	H35AL-RN-M-20750-R.060
	3/4	1	6	3 3/8	.712	.030	40825	\$148.57	40826	\$163.07	H35AL-RN-L-20750-R.030
	3/4	1	6	3 3/8	.712	.060	40840	\$149.69	40841	\$164.19	H35AL-RN-L-20750-R.060
1	1	1 1/4	4	2	.950	.030	40885	\$168.10	40886	\$189.48	H35AL-RN-S-21000-R.030
	1	1 1/4	4	2	.950	.060	40900	\$169.22	40901	\$190.60	H35AL-RN-S-21000-R.060
	1	1 1/4	5	2 5/8	.950	.030	40915	\$211.27	40916	\$232.66	H35AL-RN-R-21000-R.030
	1	1 1/4	5	2 5/8	.950	.060	40930	\$212.39	40931	\$233.78	H35AL-RN-R-21000-R.060
	1	1 1/4	6	3 3/8	.950	.030	40945	\$243.95	40946	\$265.34	H35AL-RN-M-21000-R.030
	1	1 1/4	6	3 3/8	.950	.060	40960	\$245.07	40961	\$266.46	H35AL-RN-M-21000-R.060
	1	1 1/4	7	4 3/8	.950	.030	40975	\$275.71	40976	\$297.09	H35AL-RN-L-21000-R.030
	1	1 1/4	7	4 3/8	.950	.060	40990	\$276.83	40991	\$298.21	H35AL-RN-L-21000-R.060