

HR Grade

RenQiu HengRui Cemented Carbide Co., Ltd

HENGRUI CARBIDE GRADE

GRADE	Composition		Carbide Grain Size	Properties			
	Binder	WC+others		Density	Hardness	Hardness	TRS
	(±0.5%)	(±0.5%)	ISO Classification	g/cm ³	HRA±0.3	HRC	MPA
						HV30	
ZHD82	27	73	2.6	13.3	81.7	61	2713
ZHD82A	25	75	2.6	13.3	82.7	63	2723
ZHD84	23	77	2.6	13.52	83.7	64.5	2800
YG20C	23	77	2.6	13.81	83.7	64.5	2800
ZHD86	21	79	2.6	13.52	84.7	66	2976
HR001	23.5	76.5	2.6	13.09	83	63.5	2700
HR002	25	75	1.4	12.9	84	65.3	3305
HR003	24	76	1.2	13.01	85	66.6	3550
HR004	23	77	1.4	13.04	85	66.6	3500
HR005	10	90	1.2	14.46	89.5	75.1	3700
HR006	23	77	2.8	13.24	82	61.5	2700
HR007	16	84	1.6	13.8	87	70.4	3700
HR009	17	83	1.4	13.73	86	67.9	3500
HR011	12.5	87.5	1.4	14.28	88	72.2	3600
HR021	18.5	81.5	2.8	13.57	84.5	65.9	2900
HR022	19	81	2.4	13.5	85	66.6	3400
HR023	15	85	2.6	13.79	86	67.9	3100
HR029	26	74	3.2	12.92	80.5	59	2900
HR012	25	75	1.2	13.17	84	65.3	3000
HRS1	19.5	80.5	2.4	13.26	83.5	64.5	2900



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	(±0.5%)	(±0.5%)	ISO Classification	g/cm ³	HRA HRA±0.3	HRC	MPA
						HV30	
HRS2	24	76	2.0	13.03	84	65.3	3200
HRS3	15.5	84.5	2.4	13.82	86	67.9	3100
HRS6	15	85	1.6	13.45	84.5	65.9	3500
HRS7	20	80	2.0	13.29	83.5	64.5	3100
HW51	15	85	1.2	13.94	88	72.2	3900
YG8	8	92	1.4	14.63	89.5	75.1	2800
YG6	6	94	1.0	14.38	91	77.7	2700
YG11	11	89	1.6	14.36	89	74.2	3800
YG15	15	85	2.0	14.05	87	70.4	2800
HR6F	6	94	0.6	14.8	92.5	80.5	2600

