

Heading Die Core Grade Chart

Grade	Density	HRA	Co%	TRS	Impact Force	Application	
HKG3	14.61	89.3	9	3450	0.52	Drawing die, rod die	
HKG4	14.31	89.3	12	3450	0.55		
HKG5	14.32	88.3	12	3400	0.58		
HKG6	14.12	87.2	14	3260	0.65		
HKG7	13.95	89.3	15	3680	0.7		
HKG8	13.36	87.2	20	3000	0.78		
HST1	13.4	84.5	20	2640	0.81		Drawing die, rod die Stainless steel screw die
HST6	13.7	85.8	15	2740	0.78		
HST7	13.4	85	20	2640	0.8		
HST8	13.3	84	22	2640	0.9		
HST9	13.25	84.6	19	2750	0.81		
HEA65	13.73	85	18	3000	0.8	Small dia (< 020mm) screw die, lock core	
HEA90	13.22	82.8	24	2700	0.9	Big head (>20mm) screw die	
HVA70	13.95	84.6	15	2600	0.78	Nut dies, Impact resistant forging die	
HVA80	13.58	84	20	2740	0.85		
HVA90	13.39	82.5	22	2350	0.9		
HVA95	13.1	81.5	25	2150	0.96		
HHA60	13.95	84.5	14	2640	0.76	Hot forging die	
HHA70	13.58	83	16	2350	0.82		
HRN20	13.49	85.5	20	2760	0.81		
HRN22	13.15	83.2	22	2360	0.9		
HK3	13.22	85.3	22	2750	0.82	Drawing die, rod die Stainless steel screw die	
HK4	13.08	86	23	2800	0.83		
HK6C	13.81	85.4	15	2650	0.79		
HK16	13.22	84.8	22	2700	0.85		
HK5	13.05	83	24	2520	0.95	Big head (^020mm) screw die	
HK15	13.82	87	15	3250	0.77	Drawing die, rod die	
HK20	13.85	88	15	3450	0.72		
HK70	14.11	86.3	14	3100	0.76		
HK10	13.25	83.5	23	2350	0.92	Nut dies, bolt die, Impact resistant forging die	
HK26	12.95	83.5	26	2600	0.95		
HK81	13.41	83.8	20	2880	0.87		
HK91	13.23	82.5	22	2330	0.92		
HK97	12.85	80.2	27	2700	0.97		

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