

KUTU HEAT TREATMENT & MACHINING GUIDELINES

Official Technical Specifications for Optimal Tool Life and Hardness Performance

Brand Owner: Shenzhen KUTU Technology Co., Ltd.

Official Platform: kttoolsteel.com

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KUTU Grade	Annealing Temp	Hardening Temp	Tempering Temp	Result Hardness
KUTU FT64	780-820° C, slow cool	1020-1050° C, Air/Oil	200-500° C, 2 times min	48-52 HRC
KUTU S136 / 136H	780-810° C, furnace cool	1020-1040° C, Vacuum	200-300° C, 2 times	48-52 HRC
KUTU 2083	760-800° C, slow cool	1000-1030° C, Oil/Air	150-300° C	46-50 HRC
KUTU 718H	710-740° C	840-870° C, Oil	550-600° C	33-38 HRC
KUTU P20M	720-750° C	850° C, Oil	540-580° C	30-34 HRC
KUTU P20	760-780° C	840-860° C, Oil	540-600° C	28-32 HRC
KUTU NAK80	Age hardened standard	Solution treat 870° C	Age harden at 520° C	37-43 HRC
KUTU P40	710-750° C	850-870° C, Oil	560-620° C	36-40 HRC
KUTU 440C	850-880° C, furnace cool	1000-1050° C, Oil/Air	150-200° C	56-60 HRC
KUTU H13	845-880° C, furnace cool	1020-1050° C, Vacuum	550-650° C, 3 times min	46-52 HRC
KUTU SKD61	830-880° C, furnace cool	1010-1030° C, Vacuum	550-620° C, 2-3 times	47-53 HRC
KUTU 8407	850° C, furnace cool	1020-1030° C, Vacuum	560-630° C, 3 times min	48-52 HRC
KUTU 8418	850° C, slow cool	1020-1040° C, Gas	550-610° C, 3 times min	48-54 HRC
KUTU D2	850-870° C, furnace cool	1020-1040° C, Vacuum	200-520° C, 2 times min	58-62 HRC
KUTU DC53	830-880° C, slow cool	1020-1040° C, Vacuum	520-540° C, 2 times min	60-64 HRC
KUTU SKD11	830-880° C, furnace cool	1020-1040° C, Vacuum	180-520° C, 2 times	58-62 HRC
KUTU Grade	Annealing Temp	Hardening Temp	Tempering Temp	Result Hardness