

刀具模具材種對照表

Comparison table for material of tooling and mould

カッタ、金型材種對照表

◆ 刀具模具常用材種參考

Reference for general material of tooling and mould.

LZQ常用材種參考 Reference of general material from LZQ	硬度Hardness		抗彎強度Bending strength		抗壓強度Compression strength		密度Density
	HV30	HRA	N/mm ²	psi	N/mm ²	psi	g/cm ³
H10F	1600	92.1	3750	—	6300	—	14.50
H10F-1	1600	92.1	4300	623000	6250	906250	14.45
DK20	1500	91.4	2300	—	5300	—	14.70
DZ05	1900	93.8	2300	—	7700	—	15.00
DZ05	1900	93.8	2300	333000	6900	1000000	15.00
H3M	1750	93.0	1900	—	6900	—	15.20
H4M	1750	93.0	2000	290000	6900	1000000	15.00
H5M	1700	92.7	2100	—	6700	—	15.00
H5M	1700	92.8	2100	305000	6700	971000	14.95
H6N	1575	91.9	2200	319000	6200	899000	14.95
H10N	1400	90.4	2600	—	5200	—	14.60
H12N	1300	89.3	2800	—	4600	—	14.30
DA25	1450	90.9	2400	348000	5200	754000	14.65
DC03	1900	93.8	2100	305000	7500	1088000	15.25
DZ05	1900	93.8	2300	333000	6900	1000000	15.00
H3F	1925	93.9	2200	319000	7800	1131000	15.25
H15F	1400	90.4	4000	580000	—	—	13.95
DH10	1720	92.9	2300	333000	—	—	15.00

◆ G类钻石钨钢材种近似对照表

Approximate comparison table for material of diamond tungsten steel kind G.

國際標準化組織ISO	LZQ		德國 Germany			法國 France		日本 Japan		俄羅斯 Russia	瑞典 Sweden		英國 England			美國 America		
	LZQ	Diamond	DIN	Widia	Unit	Tykrum	Carbex	Jls	Lgetalloy	Г OCT	Sandvik Coromant	Seco	BHMA	Wimet	Annolloy	JIC	Wendt-Sonis	Kennametal
G05	NUA61 KU30IZ	G6	-	GT05	G05 B10	-	G10	-	G10E	BK6	CS10 CS20	-	-	NH N	F1/F	-	-	-
G10	KUA720 KU30IZ	G6	G1	GT10	G10	TG1	G12	E1	G2	BK6B	CS20	-	-	X12	F1/C	-	-	-
G15	PUA71	G8	-	GT15	G15 B30	TG2	E4	-	G3	BK8B	CG35 CS40	-	-	CT 90B	F2/8C	-	-	-
G20	PUA181	G11	G2	GT20 TH40	G20 G40	TG3	E5	E2	G5	BK10	CG40	-	-	G R11 110B	F2/10C	-	-	-
G30	VUA22IZ	G15	G3	GT30	G30 B50	TG4	E6	E3	G6	BK15	CG60 CT50	-	-	BP1	F2/15C	-	-	-
G40	VUA324 VUA351	-	G4	GT40	G40	TG5	G40	E4	G7	BK20	-	-	-	-	F2/20C	-	-	-
G50	VUA421	-	G5	GT55	G50	TG6	G50	E5	G8	BK25	CT70 CT80	-	-	TT	F2/25C	-	-	-
G60	VUA521	-	G6	-	G60	-	-	-	-	BK30	-	-	-	-	F2/30C	-	-	-