



## China Material List

MATERIAL TYPE	GRADE	MANUFACTURER/ SUPPLIER
Tungsten Steel (Hard Alloy)	CF-H40	CB-CERATIZIT
	KD20, EF10	Japan kyoritsu (ECHO)
	CD650	Kennametal (USA)
	FD25	Japan
	CARBIDE(LC115)	USA
	Series of YG	Made in China
High-Speed Steel	ASP23, ASP30, ASP60	ASSAB (Sweden)
	SKH-9, SKH-55	Hitachi (Japan)
	HSS / 1.3343	Groeditz (Germany)
	W360 (WP7V), SPM 30	BÖHLER (Austria)
	S390, S690, S600, S590	
	K390, K340, K490, K890	
	CPOH-Plus	Dörrenberg
	US2000	ZAPP (Germany)
	1.2990	SCHMOLZ+BLCKENBACH (Germany)
	M2 / Rapidur 3343(GS-388)	
	CPM1V, CPM3V, CPM9V, CPM10V	ZAPP (Germany)
	CPM15V, CPM420V, CPMS30V	
	CPM REXM4, CPM REX T15	
	CPM REX 76, CPM REX 121	
	ASP2005, ASP2053, ASP2004	ERASTEEL (Germany)
	ASP2011, ASP2012, ASP2023	
ASP2015, ASP2017, ASP2030		
ASP2052, ASP2060, ASP2080		
Ordinary Steel	1.2379, 1.2842, 1.2843, 1.1730	Groeditz (Germany) / Bartsch (Germany)
	1.2343, 1.8519, 1.2312, 1.2436	
	1.0503, 1.0037, 1.0330, 1.2363	
	1.2767, 1.1213, 1.0711, 1.4301	
	1.7220, 1.2162, 1.0039, 1.1191	
	1.2767, 1.0570, 1.0037, 1.7131	
	1.1206, 1.3344, 1.3394, 1.4305	
	K110	BÖHLER (Austria)
	A-2/Cryodur 2363	SCHMOLZ+BICKENBACH (Germany)
	CPOH	Dörrenberg
	XW-42 VANADIS4 Uddeholm Unimax	ASSAB (Sweden)
	SKD11, SLD, SKS3	Hitachi (Japan)
	S45C, S50C, S55C	
	DC53, YK30	DAIDO (Japan)
Cr12MoV, Cr12MoV1	Made in China	
SPCC, A3, St52		
H13 / 1.2344		
Alloy Steel	St 52-3	Made in China
Stainless Steel	Series of SUS	ASSAB (Sweden)
Plastic	PE-UHMV(PE1000)	Made in China
Copper	Ampco18, Ampco21	Made in China
Aluminum	AL7075	USA
	Ordinary aluminum	Made in China

\*Highlighted cells indicate the materials that are most commonly used