

# COMPARISON OF DIE STEEL BY MANUFACTURERS

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Type	Symbols in foreign standards				ISO	
	JIS	AISI	DIN	ISO		
Carbon and alloy steels	SK105 (Normal)	SK105	Tc105			
	SKS93					
	SKS3					
	SKD1	D3	X210Cr12			
Alloy tool steel	SKD11	D2	X210Cr12	X210Cr12M12		
	SKD11 (modified)					
	Matrix group: CSKD					
	SKD12	A2		X100CrMoV5		
	Precipitation hardened 40 HRC					
	Precipitation hardened 55 HRC or more					
	Flame-hardened steel					
	Low temperature as cold-chamber					
	Impact resistant steel					
	Others					
	High-speed tool steel	SKH51	M2	H6.5.2	HS6-5-2	
		SKH55 group		S6.2.5	HS6-5-2-5	
		SKH57 group		S10-4-3-10	HS10-4-3-10	
Matrix group						
Powdered high-speed tool steel	SKH40			HS6-5-3-8		
	Matrix group					
	Others					

Matrix group: Tool steels which reduce the amount of large carbides, a cause of accelerated tool wear and reduced toughness during cutting, in order to improve cutting performance and increase tool toughness

Reference material: Special Steels Nov. 2001 edition