

# COMPARISON OF DIE STEEL BY MANUFACTURERS

Category	International Standards related symbols					Hitachi Metals, Ltd.	Aichi Steel Works., Ltd.	Kobe Steel Co., Ltd.	Sanyo Special Steel Co., Ltd.	Daido Steel Co., Ltd.	Nippon Koshuha Steel Co., Ltd.	Nachi-Fujikoshi Corp.	Riken Seiko Co., Ltd.	Uddeholm (Sweden)	Bohler (Germany)	
	JIS	AISI	DIN	ISO												
Carbon tool steel	SK105 (Previous select SK3)	W1-10			TC105	YC3	SK3		QK3	YK3	K3			K990		
Alloy tool steel	SKS93					YCS3	SK301		QKSM	YK30	K3M	SK3M				
	SKS3					SGT	SKS3		QKS3	G0A	KS3	SKS3	RS3	ARNE	K460	
	SKD1	D3		1.2080	X210Cr12	CRD	SKD1		QC1	DC1	KD1		SVERKER3	K100 K107		
	SKD11	D2	X210Cr12	1.2379	X210Cr12W12	SLD	SKD11		QC11	DC11	KD11	CDS11	RD11	SVERKER21	K105 K110	
	SKD11 (Modification)					SLD8	AUD15		QCM8	DC53	KD11S	MDS9		SLEIPNER	K340	
	CrSKD in matrix group					SLD10			QCM10		KD21					
	SKD12			1.2363	X100CrMoV5	ARK1	SXACE		QCM7	DCX						
	Preharden 40HRC	A2				SCD	SKD12			DC12	KD12			RIGOR	K305	
	Preharden 50HRC or more					HPM2T				G040F	KAP65			IMPAX		
	Flame-hardened steel					PRE2				CX1	RC55					
	Low temperature air-cooled steel					HMD5	SX105V		QF3	G05	FH5			FERNO		
	High-impact steel					HMD1	SX4									
	Others					ACD37	AKS3			G04	KSM					
High-speed tool steel	SKH51	M2	H6.5.2	1.3343	HS6-5-2	YSM	AKS4		QF1	GS5	KTV5	SRS6		PREGA COMPAX	K630	
	SKH55 group		S6.2.5	1.3243	HS6-5-2-5	ACD8	AUD11 SX5 SX44					ICS22 MCR1		CALMAX VIKING ELMAX VANADIS4 VANADIS6 VANADIS10	K190	
	SKH57 group		S10-4-3-10	1.3207	HS10-4-3-10	YXM1			QH51	MH51	H51	SKH9	RHM1		S600	
	Matrix group					YXM4				MH55	HM35	HM35 HS53M	RHM5		S705	
Powdered high-speed tool steel	SKH40				HS6-5-3-8	XVC5				MH8	MV10	HS93R HS98M FM38V	RHM7		S700	
	Matrix group					YXR33 YXR3 YXR7			QHZ	MH85 MH88	KXM KMX2 KMX3	MDS1 MDS3 MDS7 MATRIX2 ATM3				
	Others						HAP40	KHA30			DEX40		FAX38		ASP30	S590
							HAP5R	KHA3VN			DEX-M1 DEX-M3					
							HAP10									S690
								KHA32	SPM23		DEX21		FAX31		ASP23	S790
							HAP50				DEX60					S390
							HAP72	KHA60	SPM60		DEX61		FAX55			
							KHA77			DEX80		FAXG1		ASP60		
											FAX18 FAXG2					
							KHA30N									
							KHA33N									
							KHA3NH									
							KHA5NH									