

Type	( S+B )	DIN	Hardness	AISI	Sweden	Japan	Austria	Application		
Plastic mould steel	Pre hardened steel	Finkl P20 MD	1.2311	28-32HRC	P20	618	HPM7/PX5	M202	Generally use for prehardness mold steel, have favorable polishing and texture performance, used for plastic mould for general requirements, such as Office appliances and household electrical appliance shell mold, automotive interior parts, exterior parts mould, also there steel are used for long mold life mold base.	
		Finkl P20 HH	1.2738HH	33-37HRC	P20HH	618HH	/	/		
		Formadur 2738	1.2738	28-32HRC	P20+Ni	718	HPM7/PX5	M238		
		Formadur 2738H	1.2738H	33-37HRC	P20+Ni	718HH	/	/		
		Formadur 2311	1.2311	28-32HRC	P20	618	HPM7/PX5	M202		
		Formadur 2312	1.2312	28-32HRC	P20 +S	618S	HPM2	M201		On the basis of 2311 plus S, improve the workability, suitable for rubber mold, mold base steel
		Formadur 320H	1.2738HH	33-38HRC	P20Mod	/	PAC5000	/		Improved by 2738, hardness is more uniform, improving the polishing and texture properties, suitable for medium and large mold
		Formadur 2711	1.2711	35-38HRC	P20+1.7Ni	/	/	/		With more than 2738 high hardness, strength and achieve higher polishing effect
		Finkl MLQ	/	32-36HRC	P20vad+var	/	/	/		As mirror polishing effect, apply to the mold surface high requirements for the product
	Formadur PH42 Supra	1.2796	38-42HRC	P21+VAR	Nimax	NAK80/HPM50	/			
	Pre hardened stainless steel	Formadur PHX Supra	1.2892	38-42HRC	15-15PH	CORRAX	/	/	High purity, with super mirror polishing, strong corrosion resistance, especially suitable for manufacturing lamp, LCD TV shell and other complex large-scale, stainless steel mold can't heat treatment	
		Formadur 2083H	1.2083	30-35HRC	420H	/	/	/	2083 pre hard, suitable for stainless steel mold of requirements is not high	
		Corroplast	1.2294	30-36HRC	420+S	Royalloy	HPM77/G-STAR		The preferred material for stainless steel mold base, dimensional stability, processing fine, corrosion resistance.	
		Formadur 2316	1.2316	26-32HRC	420MOD	/	HPM38/PAK90	M300	Widely used in mold corrosion resistance requirements, such as extrusion, blowing mould, requirements for cosmetics and other general polishing mold, is also used to high corrosion and mold base	
	Hardening stainless steel	Formadur 2083	1.2343	46-54HRC	420	/	/	M310	Corrosion resistance requirements, but general polished plastic mold	
		Formadur 2083ESR	1.2343ESR	46-54HRC	420ESR	S-136ESR (STAVAX)	HPM38/S-STAR	M310ESR	Have high corrosion resistance and high polishing requirements mold surface, such as optical products, food packaging, cosmetic packaging, pharmaceutical packaging, 3C electronic products such as shell products with high requirements etc., widely used in injection molding in the PVC, PP, PC PMMA, POM, PBT and PA etc. plastic products	
		Formadur 2190ESR	1.2190ESR	46-54HRC	20ESR MOD		/	/		
	Finkl 420VAR	1.2083VAR	46-54HRC	420VAR	/		/			
Hot work die steel	Thermodur 2343EFS	1.2343	46-54HRC	H11	VIDARS	SKD6	W301	High toughness, suitable for medium and large die-casting mold: at present is also widely used for plastic mould, has higher toughness and better polishing performance than H13 material.		
	Thermodur 2343EFS	1.2343ESR	46-54HRC	H11ESR	VIDARS ESR		W301ESR			
	Thermodur 2344EFS	1.2344	46-54HRC	H13	8402	SKD61/DAC DHA1/DAC10	W302ESR	High red hardness, suitable for high requirement of die casting die: has also been widely used plastic mold for long life requirements.		
	Thermodur 2344EFS	1.2344ESR	46-54HRC	H13ESR	8407		W302ESR			
	Thermodur 2367EFS	1.2367ESR	46-54HRC	H13+MO	DIEVAR	DAC55/DH31/ KDA1MAX	W303ESR	Excellent red hardness and thermal conductivity, effectively resist erosion and thermal cracking, especially for small and medium sized long-life requirements metal die-casting molds and hot forging die.		
	Thermodur E38K	1.2343Super	46-52HRC	/			/	/	Comprehensive high toughness and red hardness, especially for large high requirements of die casting die	
Cold working die steel	S7	1.2357	52-58HRC	S7	635(Calmax)	/	/	With high strength, wear resistance and high toughness, suitable for complex shapes of the cold punching, extrusion die, also used in containing a high proportion of glass fiber plastic products plastic mold		
	Cryodur 2767	1.2767	50-54HRC	6F7	/	/	/			
	Cryodur 2510	1.2510	54-60HRC	O1	DF-2	SKS3/GOA/SGT	K460	Good toughness, dimensional stability, good for cutting, stamping die, is also commonly used in plastic mould wear plate		
	Cryodur 2842	1.2842	56-60HRC	O2	DF-3	KS93/YK30/YCS	K720			
	Cryodur 2363	1.2363	56-60HRC	A2	XW-10	SKD12	/	Good toughness and good wear resistance, mold accessories for high toughness and high speed connector mold punch punching and wear resistance plastic mold		
	Cryodur 2379	1.2379	56-60HRC	D2	XW-41/42	SKD11/SLD/DC1	K110	High wear resistance, applicable to precision die, drawing die, flanging die, high abrasion resistance requirements mold plate		
	Cryodur 436	1.2436	58-62HRC	D6	XW-5	SKD2	K107	Cold pouching die with high abrasion resistance requirements especially suitable for cutting sheet material such as silicon steel sheet material		
	Cryodur 2990	1.2990	56-62HRC	Super D2	ASSAB88	DC53	K340	Synthesis of high abrasion resistance and toughness, high speed punch for punch, high toughness mold components of connector mold and plastic mold of wear plastic.		
	Rapldur 3343	1.3343	58-64HRC	M2	EM2	SKH51/MH51	S600	Tungsten traditional speed steel, suitable for high speed cutting die and tool		