

Spring steel, bearing steel; carbon steel and alloy steel for tools

Name of steel	Steel grade	Diameter	Standard	Application
Spring steel	38Si7、50CrV4、50CrVA、55SiMnVB、55SiCrA、60Si2Mn (A)、60Si2CrA、60Si2CrVA、60CrMnA、60Si2CrVAT、65Mn	φ12-150	ISO 683-14 GB/T 1222 Technical agreement	Used for making springs served in automobile, motor bike, farming machinery, mining and heavy machinery, railway rail and vehicle, electrical power system, etc.
	SUP7、SUP9 (A)		JIS G 4801 Technical agreement	
Bearing steel	GCr15、GCr15SiMn、GCr15SiMo、GCr18SiMo	φ12~130	GB/T 18254 JIS G4805 ASTMA295/A295M Technical Agreement	Used for making various steel bearings for automobile, motor bike, farming machinery, mining and heavy machinery, railroad vehicle; as well as oil pump and bean of petrol or diesel engines, cold-rolled steel forming roller, nonferrous metal punching die
	GCr15-Y、GCr15-G		SACTC98.91	
Carbon steel for tool	T7-T13 (A)、T8Mn	φ12~150	GB/T 1298 ASTM A 686 Technical Agreement	Used for making tools for carpenter, fitter, electrician, lathe worker, screw processing, punching die, measuring, die for paperwork and cutlery.
Alloyed steel for tool	9SiCr、8MnSi、Cr06、Cr2、9Cr2、9Mn2V、ZK55SiMnMo	φ12~150	GB/T 1299 GB/T 1301 Technical Agreement, corresponding	Used for making measuring tools, cutlery tools; pneumatic tools, rock drill rod;

			international standard	cutting-tool; cold-working die, hot-working die, plastic mould, cold/hot roller, cold punching/hot extrusion die, impact- resistance steel ball, etc.
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Produced by Jiangsu Shagang Group Huaigang Special steel Co., Ltd