



EN 10083-3/EN 10132-3 **42CrM04 steel plat/sheet** ,**AISI 4140 steel plates** round bars with quenching and tempering used for manufacturing under medium load and **mechanical parts**,such as:axle,machine tools,shafts,gears,sleeves,mandrel,rings ,bolt etc

42CrM04 EN 10083-3/EN 10132-3 Number:1.7225	Comparision of steel grades	
	AISI	4140
	DIN	42CrM04
	AFNOR	42CD4
	BS	708M40
	UNI	42CrM04
	UNE	40CrM04/F1252
	GB	42CrMo
	SS	2244
	SFS	42CrM04
	GOST	35KHV/38KHV
	ISO	42CrMo4

42CrM04 steel plate Chemical Composition [%]

Grade	C	P.max	S.max	Si.max	Mn	Cr	Ni.	Mo	V
42CrM04	0.38-0.45	0.025	0.035	0.40	0.60-0.90	0.90-1.20	-	0.15-0.30	-

42CrM04 steel sheet Mechanical Properties

Grade	Thickness (mm)	Annealed+cold drawn(+A+C)
		Hardness HB maximun values
42CrM04	≥5≤10	300
	>10≤16	290
	>16≤40	285
	>40≤63	280
	>63≤100	280

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