30CrMo													
Steel:	4130												
Corresponding Steel		Chemical Composition(%)											
Grade and Chemical	Standard/	Steel Grade	С	Si	Mn	Cr	Мо	Ni	Р	S			
Composition:	GB	30CrMo	0.26~0.34	0.17~0.37	0.40~0.70	0.80~1.10	0.15~0.25	≤0.30	≤0.035	≤0.035			
	AISI	4130	0.28~0.33	0.15~0.35	0.40~0.60	0.80~1.10	0.15~0.25		≤0.035	≤0.040			
	DIN	1.7218	0.22~0.29	≤0.40	0.60~0.90	0.90~1.20	0.15~0.30		≤0.035	≤0.035			
	JIS	SCM430	0.28~0.33	0.15~0.35	0.60~0.90	0.90~1.20	0.15~0.30	≤0.25	≤0.030	≤0.030			
Brief Introduction:	This steel has good enough. down to the ti welding; good manufacturing the high-load	high strength an It provide enou me-limited weld I mechinability, g industry is mai manipulation o	nd toughness, ugh high-temp ding pretty wel moderate cold inly used for m f wheels, bolts,	good hardena erature streng l, but close to plastic deforr anufacturing double-head	ability, critical o yth at 500°Cbu the upper lim mation.This ste large cross-sec ed bolt, gear, o	diameter reach t t when its 550 °C it welding mode eel usually used a ction quenched etc.	o 15 ~ 70mm w C intensity decre erate, and it nee after quenching and tempered p	/hen oil que eased signifi d to prehea state, In the parts, such a	nching; heat in icantly; as alloy t to 175 °C abo e medium-sized s shafts, spindl	tensity is also ing elements ve before d machinery es, as well as by			

Shape & Dimension:
Forged Rounds:180-800mm

Delivery Condition:
EAF+LF+VD, Rolled/Forged, Annealed/Q+T, Black/Turned

Note:
Image: Condition of the second second

20CrNiMo												
Steel:	8620											
Corresponding Steel						Chemical Co	mposition(%)					
Grade and Chemical	Standard	/Steel Grade	С	Si	Mn	Cr	Мо	Ni	Р	S		
Composition :	GB	20CrNiMo	0.17~0.23	0.17~0.37	0.60~0.95	0.40~0.70	0.20~0.30	0.35~0.75	≤0.035	≤0.035		
	AISI	8620	0.18~0.23	0.15~0.35	0.70~0.90	0.40~0.60	0.15~0.25	0.40~0.70	≤0.035	≤0.040		
	DIN	1.6523	0.17~0.23	≤0.040	0.65~0.95	0.35~0.70	0.15~0.25	0.40~0.70	≤0.035	≤0.035		
	JIS	SNCM220	0.17~0.23	0.15~0.35	0.60~0.90	0.60~1.00	0.15~0.25	0.40~0.60	≤0.030	≤0.030		
Brief Introduction:	AISI 8620 is a medium sizec properties,cya	low alloy carbur l cars, tractor eng anide parts, such	izing steel cap gine and gear as oil drilling a	able of produ in transmissio and metallurg	cing high core n, can also rep ical jaws and c	strength and to lace 12CrNi3 to ones used in op	oughness. Com produce carbu en-pit mine.	monly used ir urized parts th	n the manufac at require hig	ture small and h core		
Shape & Dimension:	Rolled Round	: 50mm-130mm										
Delivery Condition	Forged Round	d: 180-800mm	nnealed Black	/Rough Grou	d or Turned							
Note:		Koned, i orged, A										

	40CrNiMo											
Steel:	817M40											
Corresponding Steel		Chemical Composition(%)										
Grade and Chemical	Standard/S	Standard/Steel Grade C Si Mn Cr Mo Ni P										
Composition:	GB/T 3077	40CrNiMo	0.37~0.44	0.17~0.37	0.50~0.80	0.60~0.90	0.15~0.25	1.25~1.65	≤0.035	≤0.035		
	ASTM A29	4340	0.38~0.43	0.15~0.35	0.60~0.80	0.70~0.90	0.20~0.30	1.65~2.00	≤0.035	≤0.040		
	DIN EN10083	DIN EN10083 34CrNiMo6(1. 6582) 0.30~0.38 ≤0.40 0.50~0.80 1.30~1.70 0.15~0.30 1.30~1.70 ≤0.025										
	BS970-1	817M40	0.36~0.44	0.15~0.35	0.45~0.70	1.00~1.40	0.20~0.35	1.30~1.70	≤0.035	≤0.040		
		aca staal wood f		no of ongines	ring narts It is	conclusion of bain	a boot trooted	to produce o	wide report	ftoncilo		
Brief Introduction:	A general purp	ose steel used i	or a wide rang	ge of enginee	ring parts. It is	capable of beir	ig neat treated	to produce a	wide range o	or tensile		
Shape & Dimension:	Φ 50-1000mm											
Delivery Condition:	EAF+LF+VD, R	olled/Forged, Ar	nnealed/ Q+T	, Black/Turned	k							
Note:												

20Cr2Ni4											
Steel:	655M13										
Corresponding Steel						Chemical Co	mposition(%)				
Grade and Chemical	Standard/St	teel Grade	С	Si	Mn	Cr	Мо	Ni	Р	S	
Composition:	GB/T 3077	20Cr2Ni4	0.17-0.23	0.17~0.37	0.30~0.60	1.25~1.65	-	3.25~3.65	≤0.035	≤0.035	
	JIS G4053	SNC815	0.12~0.18	0.15~0.35	0.35~0.65	0.60~1.00	-	3.00~3.50	≤0.030	≤0.030	
	DIN EN10084	15NiCr13 (1.5752)	0.14~0.20	≤0.40	0.40~0.70	0.60~0.90	-	3.00~3.50	≤0.035	≤0.035	
	BS970-1	655M13	0.10~0.16	0.15~0.35	0.35~0.60	0.70~1.00	≤0.15	3.00~3.75	≤0.035	≤0.040	
Brief Introduction:	A nickel-chromi strengths of 850 and resistance t track rod pins,ti	um alloy case-) – 1230 N/mn o stock. Typica ming wheels, k	hardening steen n ² are attainab ally applied in h preech mechar	el that is speci le. The presen nigh duty gea nisms and sma	fied for heavy ce of chromiu rs for aircraft, l Il arms parts.	duty highly stre m increases harc neavy vehicles ar	ssed applicat lenablity whil nd automobil	ions. When car st the nickel co e transmission	burised and hand hand hand hand hand hand hand	ardened cores es toughness steering worms,	
Shape & Dimension:	Φ 50-700mm										
Delivery Condition:	EAF+LF+VD, Ro	lled/Forged, A	nnealed/ Q+T	, Black/Turnec	l						
Note:											

Steel:	665M17											
Corresponding Steel		Chemical Composition(%)										
Grade and Chemical	Standard/S	Standard/Steel Grade C Si Mn Cr Mo Ni P S										
Composition:	ASTM A29	4615	0.13~0.18	0.15~0.35	0.45~0.65	-	0.20~0.30	1.65~2.00	≤0.035	≤0.040		
	BS970-1	665M17	0.14~0.20	0.15~0.35	0.35~0.75	≤0.030	0.20~0.30	1.50~2.00	≤0.035	≤0.040		
Brief Introduction:	A medium alloy developing a co brittleness. Typ breech mechan	v nickel-molybore strength of icaly applied ir isms and smal	denum case-ha the order of 7 gears, shafts, l arms parts.	rdening steel 70N/mm². It h pinions, tappe	which may be has good impac ets, valve rocke	carburised and ct properties, v rs, collets, tracl	l hardened to p ery good resist k pins, steering	broduce a harc ance to stock a balls and wor	l wear resistan and freedom f ms, transmissio	ce case and rom temper on components,		
Shape & Dimension:	Φ 50-1000mm											
Delivery Condition:	EAF+LF+VD, Ro	olled/Forged, A	nnealed/Q+T	, Black/Turnec	1							
Note:												

				3	5CrMo					
Steel:	4135									
Corresponding Steel						Chemical Co	omposition(%)			
Grade and Chemical	Standard/	Steel Grade	С	Si	Mn	Cr	Мо	Ni	Р	S
Composition :	GB/T 3077	35CrMo	0.30~0.40	0.17~0.37	0.40~0.70	0.80~1.10	0.15~0.25	≤0.30	≤0.035	≤0.035
	ASTM A29	4135	0.33~0.38	0.15~0.35	0.70~0.90	0.80~1.10	0.15~0.25	-	≤0.035	≤0.040
	EN 10083/1	1.7220(34CrM o4)	0.30~0.37	≤0.40	0.60~0.90	0.90~1.20	0.15~0.30	-	≤0.035	≤0.035
	JIS G4053	SCM435	0.33~0.38	0.15~0.35	0.60~0.90	0.90~1.20	0.15~0.30	≤0.25	≤0.030	≤0.030
Brief Introduction:	Structural allog components, c	yed carbon steel. hains,forgings,ec	Application:L t	ow and mode	rately stressed	parts for vehicl	es,engines and	machines .A	xles,turbine	
Shape & Dimension:	Forged Produc	cts:								
	Round: 140mr	n-1300mm								
	Rolled Produc	ts:								
	Round: 50mm	-130mm								
Delivery Condition :	EAF+LF+VD, R	Rolled/Forged,QT	,Black/Turnec	1						
Note:										

42CrMo4												
Steel:	4142											
Corresponding Steel						Chemical Co	omposition(%)					
Grade and Chemical	Standard/	Steel Grade	С	Si	Mn	Cr	Мо	Ni	Р	S		
Composition:	GB/T 3077	42CrMo4	0.38~0.45	0.17~0.37	0.50~0.80	0.90~1.20	0.15~0.25	≤0.30	≤0.035	≤0.035		
	ASTM A29	4142	0.40~0.45	0.15~0.35	0.75~1.00	0.80~1.10	0.15~0.25	-	≤0.035	≤0.040		
	EN 10083/1	1.7225(42CrM o4)	0.38~0.45	≤0.40	0.60~0.90	0.90~1.20	0.15~0.30	-	≤0.035	≤0.035		
	JIS G4053	SCM440	0.38~0.43	0.15~0.35	0.60~0.90	0.90~1.20	0.15~0.30	≤0.25	≤0.030	≤0.030		
Brief Introduction:	This is one of t Application: St	his is one of the chromium, molybdenum, manganese low alloy steels noticed for toughness, good torsional strength and good fatigue strength. Application: Statically and dynamically stress components for vehicles, engines and machines. For parts of large cross-sections, crankshafts, gears.										
Shape & Dimension:	Forged Produc	cts:										
	Round: 140mn	n-1300mm										
	Rolled Product	ts:										
	Round: 50mm	-130mm										
Delivery Condition :	EAF+LF+VD, R	olled/Forged,QT	,Black/Turnec	1								
Note:		-										

30Mn2											
Steel:	30Mn2										
Corresponding Steel						Chemical Co	omposition(%)				
Grade and Chemical	Standard/S	teel Grade	С	Si	Mn	Cr	Мо	Ni	Р	S	
Composition :	GB/T 3077	30Mn2	0.27~0.34	0.17~0.37	1.40~1.80	≤0.30	≤0.15	≤0.30	≤0.035	≤0.035	
	ASTM A29	1330	0.28~0.33	0.15~0.35	1.60~1.90	-	-	-	≤0.035	≤0.040	
	EN 10083/1	1.1170	0.25~0.32	≤0.40	1.35~1.65	≤0.40	≤0.10	≤0.40	≤0.035	≤0.035	
	JIS G4053	SMn433	0.30~0.36	0.15~0.35	1.20~1.50	≤0.35	-	≤0.25	≤0.030	≤0.030	
Brief Introduction:	Manganese stee require improve	el for moderat ed notch toug	e and lower ter hness for lower	mperature use than ambien	e in pressure ve t temperture se	essels. Applicati ervice. Low and	ion: Used for we moderately str	eld fabricatio ressed part fo	n of pressure v or vehicles, ma	vessels that chines and	
Shape & Dimension:	Forged Product	:s:									
	Round: 140mm	-1300mm									
	Rolled Products	5.									
	Round: 50mm-7	130mm									
Delivery Condition :	EAF+LF+VD, Ro	lled/Forged,C	T,Black/Turnec	l							
Note:											

40CrNiMo												
Steel:	40Cr											
Corresponding Steel		Chemical Composition(%)										
Grade and Chemical	Standard/	'Steel Grade	С	Si	Mn	Cr	Мо	Ni	Р	S		
Composition:	GB/T 3077	40Cr	0.37~0.44	0.17~0.37	0.50~0.80	0.80~1.10	≤0.15	≤0.30	≤0.035	≤0.035		
	ASTM A29	5140	0.38~0.43	0.15~0.35	0.70~0.90	0.70~0.90	-	-	≤0.035	≤0.040		
	EN 10083/1	1.7035(41Cr4)	0.38~0.45	≤0.40	0.60~0.90	0.90~1.20	-	-	≤0.035	≤0.035		
	JIS G4053	SCr440	0.30~0.43	0.15~0.35	0.60~0.90	0.90~1.20	-	≤0.25	≤0.030	≤0.030		
Brief Introduction:	Structural allog	ructural alloyed carbon steel.Application:Low and moderately stressed parts for vehicles,engines and machines where hard,wear resisting										
	surface is need	ded.										
Shape & Dimension:	Forged Produ	cts:										
	Round: 140mr	m-1300mm										
	Rolled Produc	ts:										
	Round: 50mm	-130mm										
Delivery Condition:	EAF+LF+VD, F	Rolled/Forged,QT	,Black/Turnec	ł								
Note:												