钢号：	080M40

对应钢种及化学元素：

标准/钢种		化学元素/Chemical Composition(%)							
Standard/Steel Grade		C	Si	Mn	Cr	Mo	Ni	P	S
BS970-1	080M40	0.36-0.44	0.10-0.40	0.60-1.00	≤0.30	≤0.15	≤0.40	≤0.035	≤0.040
GB/T 699	40	0.37-0.44	0.17-0.37	0.50-0.80	≤0.25	None	≤0.30	≤0.035	≤0.035
ASTM A29	1040	0.37-0.44	0.15~0.35	0.60-0.90	None	None	None	≤0.035	≤0.040
DIN EN10083	C40(1.0511)	0.37-0.44	≤0.40	0.50-0.80	≤0.40	≤0.10	≤0.40	≤0.035	≤0.040

简介：

A medium carbon steel offering moderate tensile strengths. The material is capable of through hardening by quenching and tempering but is more common supplied in the untreated or normalized condition. Machinability similar to that of mild steel can be expected, however weldability is reduced. Typically applied in axles, spindles, studs and many automotive and general engineering components.

一种中等拉伸强度的碳钢，易通过淬火和回火加硬，但是更普遍供货状态是未经处理或者正火的状态。加工性能可预期类似于低碳钢。典型地应用于轴类、纱锭、螺柱和一些汽车以及通用工程零件。

形状及尺寸：

Φ 200-1200mm

交货条件：

电炉+精炼+真空脱气，热轧/锻造，正火，黑皮/车光

备注：

钢号：	070M20

对应钢种及化学元素：

标准/钢种		化学元素/Chemical Composition(%)							
Standard/Steel Grade		C	Si	Mn	Cr	Mo	Ni	P	S
BS970-1	070M20	0.16-0.24	0.10-0.40	0.50-0.90	≤0.30	≤0.15	≤0.40	≤0.035	≤0.040
GB/T 699	20	0.17-0.23	0.17-0.37	0.35-0.65	≤0.25	None	≤0.30	≤0.035	≤0.035
ASTM A29	1020	0.18-0.23	0.15~0.35	0.30-0.60	None	None	None	≤0.035	≤0.040
DIN EN10083	C22(1.0402)	0.17-0.24	≤0.40	0.40-0.70	≤0.40	≤0.10	≤0.40	≤0.035	≤0.040

简介：

A general purpose mild steel for welded or riveted structures, forgings, machined parts, hot pressing, etc. This steel will only withstand a moderate amount of cold deformation. This material only offers low strength, but good machinability. Typically applied in shafts, staybolts, brake, pedal levers, gear selectors, clutch and brake housing, motor car wheel hubs, various motorcycle and scooter lug stampings, valve gate and body forgings, wagon buffers, commutator screws, cage suspensions, general haulage gear.

一种通用的低碳钢，用于焊接或者铆接结构、锻件、加工零件、热压等。这种钢只能抵挡适量的冷变形。这种材料强度低，但是易加工。应用于轴类、撑螺栓、刹车片、脚踏杠杆、变速杆、离合器和制动器箱、汽车轮毂、各类机动车和踏板车接线片冲压件、阀门浇口和阀身锻件、货车缓冲器、换向器螺丝、笼悬、牵引齿轮等。

形状及尺寸：	Φ 200-1200mm
交货条件：	电炉+精炼+真空脱气，热轧/锻造，正火，黑皮/车光
备注：	

钢号：	S355J2G3
对应钢种及化学元素：	标准/钢种 化学元素/Chemical Composition(%)

Standard/Steel Grade		C	Si	Mn	S	P
DIN EN10025	S355J2G3	＜0.22	≤0.55	≤1.60	≤0.035	≤0.035
GB/T 1591	Q345D	≤0.18	≤0.55	1.00-1.60	≤0.030	≤0.030

Cr	Ni	Mo	Cr+Mo+Ni	Al	B	N
≤0.30	**≤0.30**	**≤0.08**	≤0.48	0.020-0.060	≥0.0008	＜0.012

Others: V=0.02-0.15; Nb=0.015-0.060; Ti=0.02-0.20; Al≥0.015（黄色部分不写）

简介：	
形状及尺寸：	Φ 200-1200mm
交货条件：	电炉+精炼+真空脱气，热轧/锻造，正火，黑皮/车光
备注：	