

EQUIVALENTS:
American: AISI 9315

British: BS970 Part 1 1983, 655M13 (EN36B)

German: W. Stoff No 1.5752 (18CrNiMo7-6)

COLOUR CODE:


ANN

CHEMICAL COMPOSITION %

	C	Si	Mn	Ni	Cr	S	P
Min	0.10	0.10	0.35	3.00	0.70		
Max	0.16	0.35	0.60	3.75	1.00	0.040	0.350

MECHANICAL PROPERTIES:

Tensile Strength		A min on 5,65 √So	Impact		Test Bar mm DIA
Tons/SQ. inch	RM MPA		IZOD FT.Lb	KCV Joules	
65	1000	9	30	35	19

CHARACTERISTICS:

- Alloy steel
- A 6% allowance should always be made for removal of surface defects during machining
- Machinability good
- Required hardness can be achieved by case hardening the outer surface by means of one of the following methods i.e case hardening, carburising

APPLICATIONS:

Heavy vehicle transmission components
 Chuck jaws
 Engineering machinery gearbox parts
 Track pins
 Aircraft gears
 Gadgeon pins
 Mining steering worms
 Mining gearbox gears
 Pinions and cogs