



Quality ZF1A (CAP.ZF) (18CrNiMo7-6~)

CORRESPONDENCE TO INTERNATIONAL DESIGNATIONS

Quality	Europe	Germany		France	Spain	G.B.	USA
	EN	DIN	W.n.	AFNOR	UNE	B.S.	AISI/SAE
ZF1A	18CrNiMo7-6	17CrNiMo6	1.6587	-	-	-	-

CHEMICAL COMPOSITION % (EN 10084)


Steel designation		Chemical composition								
Symbolic	Numeric	C	Si max	Mn	P max	S	Cr	Mo	Ni	B
ZF1A	CAP.ZF	0,15 ÷ 0,21	0,40	0,50 ÷ 0,90	0,025	≤ 0,035	1,50 ÷ 1,80	0,25 ÷ 0,35	1,40 ÷ 1,70	-

Concentration limits of the elements that are not indicated in the table can be deduced in the en 10020 regulation.

JOMINY HARDENABILITY (EN 10084)

Steel designation		Range limits	HRC hardness measured from the quenched end of the test tube (mm)			
Symbolic	Numeric		5	10	25	50
ZF1A	CAP.ZF	max	46	43	39	35
		min	42	39	34	30

USUALLY AVAILABLE EX STOCK

M.T. Coloration	Quality	Heat treatment	Surface
	ZF1A (18CrNiMo7-6)	Annealed	rolled forged turned