

STEELS FOR THE AERONAUTICAL INDUSTRY

Grade	Regulatory reference	Indicative chemical analyses								
		C	Mn	Si	S	P	Al	Cr	Mo	Ni
35CD4	AIR 9160C - W.Nr. 1.7224	0.30	0.50	0.15	-	-	0.015	0.90	0.15	-
		0.37	0.80	0.35	0.010	0.025	0.05	1.20	0.30	0.20
SAE 8740	AMS 6322P - W.Nr. 1.6546	0.38	0.75	0.15	-	-	0.02	0.40	0.20	0.40
		0.43	1.00	0.30	0.010	0.020	0.05	0.60	0.30	0.70

Grade	Indicative mechanical characteristics						Destination
	(+AC+Q)			(+AC+C+AC+PE+LQ)			
	Rm (MPa)	A5%	Z%	Rm (MPa)	A5%	Z%	
35CD4	-	-	-	-	-	-	Fasteners
	730	-	-	-	-	-	
SAE 8740	-	-	-	-	-	-	Fasteners
	-	-	-	630	-	-	