

# TTVFLUVAL

## MATERIALS TABLE

MATERIALS		CAST ASTM DENOMINATION	FORGED ASTM DENOMINATIONS	AISI	UNS	SERVICE
CARBON STEEL		A216 WCB	A105	1025	J03002	GENERAL SERVICE
		A216 WCB	A105N	1020	J02503	
		A352 LCB	A350 LF2		J03993	LOW TEMPERATURE
		A352 LCC			J02505	
ALLOY STEEL	1-1/4 Cr.-1/2 Mo.	A217 WC6	A182 F11 Cl. 2	4118 MOD.	J12072	HIGH TEMPERATURE
	2-1/4 Cr.-1 Mo.	A217 WC9	A182 F22 Cl. 2	4115 MOD.	J21890	
	5 Cr.-1/2 Mo.	A217 C5	A182 F5a		J42045	
	9 Cr.-1 Mo. 1 V	A217 C12	A182 F9		J82090	
	9 Cr.-1 Mo. 1 V	A217 C12A	A182 F91		J84090	
MARTENSITIC AND FERRITIC-MARTENSITIC STEELS	13 % Cr.	A217 CA15	A182 F6a	410	J91150	GENERAL SERVICE
	12.5% Cr.-4 Ni.-Mo.	A352 CA6MN		410 MOD. (415)	J91540	
AUSTENITIC STAINLESS STEEL	18 Cr.-8 Ni.	A351 CF8	A182 F304	304	J92600	GENERAL SERVICE, HIGH AND LOW TEMPERATURE, CORROSION RESISTANT
	16 Cr.-12 Ni.-2 Mo.	A351 CF8M	A182 F316	316	J92900	
	18 Cr.-8 Ni.-Cb	A351 CF8C	A182 F321 (347)	312 (347)	J92710	
	18 Cr.-8 Ni.	A351 CF3	A182 F304L	304L	J92500	
		A351 CF3M	A182 F316L	316L	J92800	
		A351 CF3C	A182 F321L	321L		
	19 Cr.-10 Ni.-3 Mo.	A351 CG8M	A182 F317	317	J93000	
SUPERAUSTENITIC HIGH ALLOYS	ALLOY 20	CN7M		ALLOY 20	N08007	CORROSION RESISTANT
		CK3MCuN	A182 F44	254 SMO	J93254	
		254 SMO				
		654 SMO				
DUPLEX ALLOYS	25%Cr.-5Ni.-Mo.-Cu	A890 Gr 1A (CD4MCu)			J93370	
	22%Cr.-5Ni.-Mo.-N	A890 Gr 4A (CD3MN)			J92205	
	25%Cr.-7Ni.-Mo.-N	A890 Gr 5A (CD3MN)			J93404	
	25%Cr.-7Ni.-Mo.-N	A890 Gr 6A (CD3MWCuN)			J93380	
NICKEL BASED ALLOYS	INCONEL 625	A494 CW-6MC			N06625	
	INCOLOY 825	A494 CU5MCuC			N08825	
	MONEL 400	A494 M-35-1			N04400	
	Ni.-Mo.-(HASTELLOY B)	A494 N-12MV			N30012	
	Ni.-Mo.-Cr.-(HASTELLOY C)	A494 CW-12MW			N30002	