

MATERIAL CODES

CHROME-MOLY ALLOYS

Pipe	Valves	Flanges	Weld Fittings	Screwed and Socket Fittings
A-335 P-1	A-217 WC-6	A-182 F-1	A-234 WP-1	A-182 F-1
A-335 P-12	A-217 WC-6	A-182 F-12	A-234 WP-12	A-182 F-12
A-335 P-11	A-182 F11/A-217 WC-6	A-182 F-11	A-234 WP-11	A-182 F-11
A-335 P-22	A-182 F-22/A-217 WC-9	A-182 F-22	A-234 WP-22	A-182 F-22
A-335 P-5	A-182 F-5/A-217 WC-5	A-182 F-5	A-234 WP-5	A-182 F-5
A-335 P-7	A-182 F-7/A-217 WC-12	A-182 F-7	A-234 WP-7	A-182 F-7
A-335 P-9	A-182 F-9/A-217 WC-12	A-182 F-9	A-234 WP-9	A-182 F-9
A-268 T-410	A-182 F-6/A-351 CA-15	A-182 F-6	A-234 WP-410	A-182 F-6

CARBON STEELS

Pipe	Valves	Flanges	Weld Fittings	Screwed and Socket Fittings
A-53	A-105 A-216 WCB	A-105, A-181 Grade 2	A-234 WPB	A-105, A-181 Grade 2
A-106B	A-105 A-216 WCB	A-105 A-181 Grade 2	A-234 WPB	A-105 Grade 2 A-181 Grade 2

LOW-TEMPERATURE STEELS

Pipe	Valves	Flanges	Weld Fittings	Screwed and Socket Fittings
A-333 Grade 6	A-350 LF-2/A-352 LCB	A-350 LF-2	A-420 WPL-6	A-350 LF-2
A-333 Grade 3	A-350 LF-3/A-352 LCS	A-350 LF-3	A-420 WPL-3	A-350 LF-3

STAINLESS STEELS

Pipe	Valves	Flanges	Weld Fittings	Screwed and Socket Fittings
A-312 T304	A-182 F-304/A-351 CF8	A-182 F-304	A-403 WP-304	A-182 F-304
A-312 304L	A-182 F-304L/A-296 CF3	A-182 F-304L	A-403 WP-304L	A-182 F-304L
A-312 T316	A-182 F-316/A-351 CF8M	A-182 F-316	A-403 WP-316	A-182 F-316
A-312 316L	A-182 F-316L/A-296 CF3M	A-182 F-316L	A-403 WP-316L	A-182 F-316L
A-312 321	A-182 F-321/A-351 CF8C	A-182 F-321	A-403 WP-321	A-182 F-321
A-312 347	A-182 F/347/A-351 CF8CMO	A-182 F-347	A-403 WP-347	A-182 F-347

MATERIAL MARKINGS

304SS	347SS	HASTELLOY A	3% NICKEL CAST IRON
304	347		
CF8	CF8C	HAST A	3NI
188S	CF82B	HA	CIA
L22	188SCB	HAA	NCI*
D2	188CB	A	
33 (JB)	D2CB		
8 ♦ (LAD)	410SS	HASTELLOY B	NI RESIST CAST IRON
S (ALOYCO)	CR13		
D (CONTRO)	11 13	HAST B	NR
F8	F6	HB	NR2
KA2S	EXELLOY (CRANE)	HAB	CAUSUL*
304LSS	CA 15	N7M	
CF3	FERRALIUM	N12M	SPECIAL
188S ELC	CD4M	N2	
D2L	CD4MCU	DC2	A-254-SMO
DF8L	DURCOMET 100	B ♦ (LADISH)	
188 ELC	38 (JB)	NiMO	LOW TEMP STEELS
316SS	ALUMINUM	CW12M	
316	AL		LCB (CAST CARBON)
CF8M	44 (JB)	HASTELLOY C	LC1 (CAST 1/2 % MOLY)
188SMO	ALUM		LC2 (CAST 2 1/2 % NICKEL)
188M	MONEL 400	HAST C	LC3 (CAST 3 1/2 % NICKEL)
188MO	M35	HC	LF1 (FORGED CARBON)
L22XM	M35W	HAC	LF2 (FORGED CARBON)
D4	DM	CW7M	LF3 (FORGED 3 1/2 NICKEL)
CF7M	M	CW12M	
8M ♦ (LAD)	MNL	N3	CARBON STEEL
36 (JB)	MONL	DC3	
6 (HMC)	MLCB	C ♦ (LAD)	WCB (CAST)
O (ALOYCO)	MON	73 (JB)	A 105 (FORGED)
C (CONTRO)	ML	NIMOCR	22 (JB)
KA2SMO	EM		DS
317SS	NICU	HASTELLOY D	CS
CG8M	QQN-177 (LAD)		
316LSS	COMPE (LAD)	HAST D	1 1/4% CR 1/2% MOLY
316L	K (TRIM)	HD	
CF3M	71 (JB)	HAD	WC6 (CAST)
188SMO ELC	Mo (HMC)		F11 (FORGED)
D4L	NICKEL 200	TITANIUM	
6L (HMC)	NI		2 1/4% CR 1/2% MOLY
L22XMELC	DNI	TI	
ALLOY 20	CZ100	T ♦ (LAD)	WC9 (CAST)
A20 J20	78 (JB)	TI ♦ (LAD)	F22 (FORGED)
CN7M FA20	CZ100S		
C20 L34	LNI	DUCTILE IRON	5% CR 1/2% MOLY
D20			
DURIMET 20	INCONEL 600	DI	C5 (CAST)
CN7MTB	INC	DCI	F5 (FORGED)
35 (JB)	CY40	21 (JB)	F5A (FORGED)
A2 (HMC)	DIN		
20 ♦ (LAD)		MALLEABLE IRON	9% CR 1% MOLY
STAINLESS 20			
F (ALOYCO)	ZIRCONIUM	MI	C12 (CAST)
DURIMET	ZR	MALL	F9 (FORGED)
CAR-20			

*The information contained herein is general in nature. Reference should be made to the manufacturing catalog for individual manufacturer markings.

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