

Valves Trim Number Chart & Alternative Trim Numbers - API 600

Pipes | Wrought Fittings | Forgings | Castings

TRIM # (API)	NOMINAL TRIM	CODE	STEM (a)	SEAT SURFACE (b)	DISC/WEDGE SURFACE (c)	HARDNESS (min)
1	410 (13Cr.)	F6	410 (13Cr.)	410 (13Cr.)	410 (13Cr.)	a. 200275 BHN b. 250 BHN c. 200 BHN
2	304	304	304	304	304	a. MFR STD b. MFR STD c. MFR STD
3	310	310	310	310	310	a. MFR STD b. MFR STD c. MFR STD
4	410 (13Cr.) Hard	F6H	410 (13Cr.)	410 (13Cr.) Hard	410 (13Cr.) Hard	a. 200275 BHN b. 275 BHN c. 200275 BHN
5	410 (13Cr.) Hard Faced	F6HF	410 (13Cr.)	Stellite Gr6	Stellite Gr6	a. 200275 BHN b. 350 BHN c. 350 BHN
5A (ALT 5)	410 (13Cr.) Full Hard Faced	F6HF	410 (13Cr.)	NiCr	NiCr	a. 200275 BHN b. 350 BHN c. 350 BHN
6	410 (13Cr.) & CuNi	F6HFS	410 (13Cr.)	CuNi	410 (13Cr.)	a. 200275 BHN b. 175 BHN c. 250 BHN
7	410 (13Cr.) Very Hard	F6HF+	410 (13Cr.)	410 (13Cr.) Hard	410 (13Cr.) Hard	a. 200275 BHN b. 750 BHN c. 250 BHN
8 (ALT 5)	410 (13Cr.) Hard Faced	F6HFS	410 (13Cr.)	Stellite Gr6	410 (13Cr.)	a. 200275 BHN b. 350 BHN c. 250 BHN
8A (ALT 8)	410 (13Cr.) Hard Faced	F6HFS	410 (13Cr.)	NiCr	410 (13Cr.)	a. 200275 BHN b. 350 BHN c. 250 BHN
9	Monel®	Monel®	Monel®	Monel®	Monel®	a. MFR STD b. MFR STD c. MFR STD
10 (ALT 12/16)	316	316	316	316	316	a. MFR STD b. MFR STD c. MFR STD
11	Monel® Hard Faced	MonelHFS	Monel®	Stellite Gr6	Monel®	a. MFR STD b. 350 BHN c. MFR STD
11A	Monel® Hard Faced	MonelHFS	Monel®	NiCr Hard Faced	Monel®	a. MFR STD b. 350 BHN c. MFR STD
12 (ALT 16)	316 Hard Faced	316HFS	316	Stellite Gr6	316	a. MFR STD b. 350 BHN c. MFR STD
12A	316 Hard Faced	316HFS	316	NiCr	316	a. MFR STD b. 350 BHN c. MFR STD
13 (ALT 14)	Alloy20	Alloy20	Alloy20	Alloy20	Alloy20	a. MFR STD b. MFR STD c. MFR STD
14	Alloy20 Hard Faced	Alloy20HFS	Alloy20	Stellite Gr6	Alloy20	a. MFR STD b. 350 BHN c. MFR STD
14A	Alloy20 Hard Faced	Alloy20HFS	Alloy20	NiCr	Alloy20	a. MFR STD b. 350 BHN c. MFR STD
15	304 Full Hard Faced	304HS	304	Stellite Gr6	Stellite Gr6	a. MFR STD b. 350 BHN c. MFR STD
16	316 Full Hard Faced	316HF	316 Hard Faced	Stellite Gr6	Stellite Gr6	a. MFR STD b. 350 BHN c. 320 BHN
17	347 Full Hard Faced	347HF	347 Hard Faced	Stellite Gr6	Stellite Gr6	a. MFR STD b. 350 BHN c. 350 BHN
18	Alloy20 Full Hard Faced	Alloy20HF	Alloy20	Stellite Gr6	Stellite Gr6	a. MFR STD b. 350 BHN c. 350 BHN

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