

## Comparing American and British Piping Standards

Comparing US American (ASTM) and British (BSi) piping standards - specifications, grades and material descriptions

The table below can be used to compare different British (BSi) and American (ASTM) piping standards.

ASTM International	BSi - British Standards institute	Material
A120	1387	Carbon Steel
A53 Gr. A	3601/23	Carbon Steel
A53 Gr. B	3601/27	Carbon Steel
A106 Gr. A	3602/23	Carbon Steel
API 5L Gr. A	3602/27	Carbon Steel
A106 Gr. B	2602/27	Carbon Steel
API 5L Gr. B	3602/27	Carbon Steel
A333 Gr. 1	3063/LT50	Killed Carbon Steel
A333 Gr. 3	3603/503LT100	3.5% nickel
A335 Gr. P1	3604/240	1/2% molybdenum
A335 Gr. P12	3604/620	1% Cr 1/2% Mo
A335 Gr. P11	3604/621	1 1/4% Cr 1/2% Mo
A335 Gr. P22	3604/622	2 1/4% Cr 1% No
A335 Gr. P5	3604/625	5% Cr 1/2% Mo
A335 Gr. P7	3604/627	7% Cr 1/2% Mo
A335 Br. P9	3604/629	9% Cr 1% Mo
A312 Gr. Tp304	3605/304 S18 (EN58E)	Austenitic chromium nickel
A312 Gr. Tp304L	3605/304 S14	Austenitic chromium nickel (extra low carbon)
A312 Gr. Tp316	3605/316 S18 (EN58J)	Austenitic chromium nickel molybdenum bearing
A312 Gr. Tp316L	3605/316 S14	Austenitic chromium nickel molybdenum bearing (extra low carbon)
A312 Gr. Tp321	3605/321 S18 (EN58B)	Austenitic chromium nickel titanium stabilized
A312 Gr. Tp347	3605/347 S18 (EN58G)	Austenitic chromium nickel niobium stabilized