

BUXTON SPECIAL ALLOYS

Your partner in Steel



MATERIAL GRADES AUSTENITIC GRADES

ASTM	EN	UNS	BILLET	BAR	HOLLOW BARS	MACHINED PIECES	FORGINGS	FLANGES
316	1,4401		✗	✗	✗	✗	✗	✗
316H	1,4919		✗	✗	✗	✗	✗	✗
316L	1,4404	S31600	✗	✗	✗	✗	✗	✗
316L	1,4435		✗	✗	✗	✗	✗	✗
316LN	1,4406	S31653	✗	✗	✗	✗	✗	✗
316Mo	1,4435		✗	✗	✗	✗	✗	✗
316Ti	1,4571	S32100	✗	✗	✗	✗	✗	✗
316 Urea	1,4435		✗	✗	✗	✗	✗	✗
317L	1,4438	S31703	✗	✗	✗	✗	✗	✗
317LMN	1,4439	S31726	✗	✗	✗	✗	✗	✗
347H	1,4550	S34700	✗	✗	✗	✗	✗	✗
321H	1,4541	S32100	✗	✗	✗	✗	✗	✗
310S	1,4845	S31008	✗	✗	✗	✗	✗	✗
304	1,4301	S30400	✗	✗	✗	✗	✗	✗
304L	1,4306	S30403	✗	✗	✗	✗	✗	✗
304L	1,4307	S30403	✗	✗	✗	✗	✗	✗
304LN	1,4311	S30453	✗	✗	✗	✗	✗	✗
304H	1,4948	S30409	✗	✗	✗	✗	✗	✗
	1,4418		✗	✗	✗	✗	✗	✗
316L	1,4432	S31603	✗	✗	✗	✗	✗	✗
XM19/Nit 50	1,3964	S20910	✗	✗	✗	✗	✗	✗
Nit 60		S21800	✗	✗	✗	✗	✗	✗
304	1,4305		✗	✗	✗	✗	✗	✗
310	1,4841		✗	✗	✗	✗	✗	✗
321	1,4541		✗	✗	✗	✗	✗	✗
321H	1,4878		✗	✗	✗	✗	✗	✗
347	1,4550		✗	✗	✗	✗	✗	✗
347H	1,4550		✗	✗	✗	✗	✗	✗
904L	1,4539		✗	✗	✗	✗	✗	✗

MATERIAL GRADES **DUPLEX GRADES**

ASTM	EN	UNS	BILLET	BAR	HOLLOW BARS	MACHINED PIECES	FORGINGS	FLANGES
F55	1,4501	S32760	✘	✘	✘	✘	✘	✘
F53	1,4410	S32750	✘	✘	✘	✘	✘	✘
F51	1,4462	S32205	✘	✘	✘	✘	✘	✘
F51 / F60	1,4462	S31803/ S32205	✘	✘	✘	✘	✘	✘
	1,4362	S32304	✘	✘	✘	✘	✘	✘
		S32550	✘	✘	✘	✘	✘	✘
F44/6Mo	1,4547	S31254	✘	✘	✘	✘	✘	✘
AL-6XN		N08367	✘	✘	✘	✘	✘	✘
254SMO	1,4547	S31254	✘	✘	✘	✘	✘	✘

MATERIAL GRADES **NICKEL ALLOYS**

ASTM	EN	UNS	BILLET	BAR	HOLLOW BARS	MACHINED PIECES	FORGINGS	FLANGES
Alloy 800	1,4876	N08800	✘	✘	✘	✘	✘	✘
Alloy 800H	1,4958	N08810	✘	✘	✘	✘	✘	✘
Alloy 800HT	1,4959	N08811	✘	✘	✘	✘	✘	✘
Alloy 825	2,4858	N08825	✘	✘	✘	✘	✘	✘
Alloy 600	2,4816	N06600	✘	✘	✘	✘	✘	✘
Invar 36	1,3912		✘	✘	✘	✘	✘	✘
Alloy 28	1,4563	N08028	✘	✘	✘	✘	✘	✘
Alloy 20	2,4660	N08020	✘	✘	✘	✘	✘	✘
Hastelloy	2,4602	N06022	✘	✘	✘	✘	✘	✘
Monel 400	2,4360	N04400	✘	✘	✘	✘	✘	✘
Inconel 625	2,4856	N06625	✘	✘	✘	✘	✘	✘
Alloy 800H	1,4876	N08810	✘	✘	✘	✘	✘	✘
Alloy H/T	1,4959	N08811	✘	✘	✘	✘	✘	✘
Inconel 825	1,4858	N08825	✘	✘	✘	✘	✘	✘
Hastelloy C276	2,4819	N10276	✘	✘	✘	✘	✘	✘
Alloy 59	2,4605	N06059	✘	✘	✘	✘	✘	✘

MATERIAL GRADES CARBON STEEL

ASTM	EN	UNS	BILLET	BAR	HOLLOW BARS	MACHINED PIECES	FORGINGS	FLANGES
A105/N/C21	1,0432	✘	✘	✘	✘	✘	✘	✘
A516 Gr.70	1,0481	✘	✘	✘	✘	✘	✘	✘
A182-F1	1,7365	✘	✘	✘	✘	✘	✘	✘
A182-F5	1,7362	✘	✘	✘	✘	✘	✘	✘
A182-F9	1,7386	✘	✘	✘	✘	✘	✘	✘
A182-F11		✘	✘	✘	✘	✘	✘	✘
A182-F12	1,7335	✘	✘	✘	✘	✘	✘	✘
A182-F22	1,7360	✘	✘	✘	✘	✘	✘	✘
A182-F91	1,4902	✘	✘	✘	✘	✘	✘	✘
	1,4922	✘	✘	✘	✘	✘	✘	✘
15/16 Mo 3	1,5415	✘	✘	✘	✘	✘	✘	✘
C22.8	1,0460	✘	✘	✘	✘	✘	✘	✘
A522 Grade 1		✘	✘	✘	✘	✘	✘	✘

MATERIAL GRADES GRAIN STRUCTURAL STEEL

ASTM	EN	UNS	BILLET	BAR	HOLLOW BARS	MACHINED PIECES	FORGINGS	FLANGES
A350 LF2	1,0566	✘	✘	✘	✘	✘	✘	✘
A694-F42	1,0486	✘	✘	✘	✘	✘	✘	✘
A694-F46	1,0562	✘	✘	✘	✘	✘	✘	✘
A694-F52		✘	✘	✘	✘	✘	✘	✘
A694-F56	1,8902	✘	✘	✘	✘	✘	✘	✘
A694-F60		✘	✘	✘	✘	✘	✘	✘
A694-F65	1,8905	✘	✘	✘	✘	✘	✘	✘
A694-F70	1,8907	✘	✘	✘	✘	✘	✘	✘

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