

intMPE Hardfacing & Wear Resistant Alloys Offered

	ALLOYS	SPECS	SIMILAR TO	NOMINAL CHEMICAL COMPOSITION (WT%)									RC
				C	Cr	Co	W	Ni	Fe	Si	Mo	Other	HARDNESS
C O B A L T	WT-1	RCoCr-C	Stellite 1	2.3	30	Bal.	13	<3	<3	0.8			51 - 59
	WT-3		Stellite 3	2.4	32	Bal.	13	<3	<3	1			52 - 63
	WT-4		Stellite 4	0.8	30	Bal.	14	<3	<3	1.5			45- 49
	WT-6	RCoCr-A	Stellite 6	1.1	28	Bal.	4	<3	<3	1.1			38- 46
	WT-6H		Stellite 6H	1.3	30	Bal.	5.5	1	1	1.3			42- 46
	WT-12	RCoCr-B	Stellite 12	1.4	29	Bal.	8	<3	<3	1.5			46- 52
	WT-12H			1.7	29	Bal.	8	<3	<3	1.5			48- 54
	WT-19			1.7	31	Bal.	10	<3	<3	1			50- 57
	WT-20		Stellite 1016	2.5	32	Bal.	17	<3	<3	1 Max.			55 - 59
	WT-21	RCoCr-E	Stellite 21	0.25	27	Bal.		2.5	<3	1 Max.	5		30 - 43
	WT-25		L-605	0.1	20	Bal.	15	10	<3	1			24
	WT-31		Stellite 31	0.5	25	Bal.	8	10	2	1			21
	WT-32		Stellite F	1.7	26	Bal.	12	23	<3	1.4			37 - 43
	WT-190		Stellite 190	3.2	26	Bal.	14	<3	<3				55 - 62
	WT-306		Stellite 306	0.4	25	Bal.	2	5				Nb 6	36
	WT-400		Tribaloy 400	0.08	8	Bal.				2.6	29		51 - 58
	WT-694	PWA	PWA 694	0.9	28	Bal.	19	5	<3			V1	47 - 54
WT-800		Tribaloy 800	0.08	17	Bal.				3.5	29		54 - 62	
Ultimet®				26	Bal.	2	9	3		5		30	
N I C K E L	WT-40	RNiCr-A	Colmonoy 4	0.4	11			Bal.	2	2.2		B 2	35 - 42
	WT-50	RNiCr-B	Colmonoy 5	0.6	13			Bal.	4	3.7		B 3	45 - 53
	WT-56	RNiCr-B/C	Colmonoy 56	0.6	12.5			Bal.	3.3	3.3		B 2.7	50 - 55
	WT-60	RNiCr-C	Colmonoy 6	0.7	14			Bal.	4.5	4		B 3	56 - 62
	WT-700		Tribaloy 700	0.08	15			Bal.		3.5	32		42 - 48
	WT-C	AMS 5388	Hastalloy-C	0.12	16			Bal.	5.5	0.8	17	Mn 0.8, V 0.3	23 - 31
	WT Ni-60		Ni-60	0.4	16			Bal.	20	3			30
	WT-45		Nucalloy 45	0.5	14			Bal.	4.5	4.5		B 2	53
I R O N	Norem-02A			1.25	25			4	Bal.	3.3	2	Mn 4.5, N2<0.06	36 - 42
	Norem-04A			1.1	22			4.5	Bal.	2.5	1.9	Mn 3.7, N2<0.1	37 - 40
	Norem-04B			1.1	22.5			4.5	Bal.	2.8	1.9	Mn 4.5, N2<0.1	32 - 36
	Ni-Res	A-439-83		2.55	1.3			29	Bal.		0.05		160 RB
	WT-590	Superwear		4.2	25	11.3		1.5	Bal.	1	8.5		58
	WT-595			4.2	30				Bal.	2.2		Mn 4.2	58

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