SHANGHAI LANDA INTERNATIONAL TRADING CO., LTD

上海朗大国际贸易有限公司

ROOM 603,NO.1079 WUZHONG ROAD,SHANGHAI 201103,CHINA

TEL: 86-21-54225727 FAX: 86-21-54225728 shirlyw@lanbafastener.com.cn

Chemical Composition

	Nickel	Chromium	Molybdenum	Copper	Iron	Manganese	Carbon	Silicon	Sulfur	Cobalt	Aluminum	Titanium	Tungsten	Vanadium	Phosphorus	Niobium +Tantalu
Nickel 200	99.0min			0.25max	0.40max	0.35max	0.15max	0.35max	0.010max							
Monel 400	63.0min			28.0-34.0	2.50max	2.00max	0.30max	0.50max	0.024max							
Inconel 600	72.0min	14.0-17.0		0.50max	6.00-10.00	1.00max	0.15max	0.50max	0.015max							
Inconel 601	58.0-63.0	21.0-25.0		1.00max	Bal.	1.00max	0.10max	0.50max	0.015max		1.00-1.70					
Inconel 625	58.0min	20.00-23.00	8.00-10.00		5.00max	0.50max	0.10max	0.50max	0.015max	1.00max	0.40max	0.40max			0.015max	3.15-4.15
Incoloy 800	30.0-35.0	19.0-23.0		0.75max	39.50min	1.50max	0.10max	1.00max	0.015max		0.15-0.60	0.15-0.60				
Incoloy 800H	30.0-35.0	19.0-23.0		0.75max	39.50min	1.50max	0.05-0.10	1.00max	0.015max		0.15-0.60	0.15-0.60				
Incoloy 800HT	30.0-35.0	19.0-23.0		075max	39.5min	1.50max	0.06-0.10	1.00max	0.015max		0.85-1.20	0.25-0.60				
Incoloy 803	32.0-37.0	25.0-29.0		0.75max	Bal.	1.50max	0.06-0.10	1.00max	0.015max		0.15-0.60	0.15-0.60				
Incoloy 825	38.0-46.0	19.50-23.50	2.50-3.50	1.50-3.00	22.00min	1.00max	0.05max	0.50max	0.03max		0.20max	0.60-1.20				
C-276	Bal.	14.50-16.50	15.00-17.00		4.00-7.00	1.00max	0.01max	0.08max	0.03max	2.50max			3.00-4.50	0.35max	0.04max	
Alloy 020	32.00-38.00	19.00-21.00	2.00-3.00	3.00-4.00	Bal.	2.00max	0.07max	1.00max	0.035max						0.045max	8xC-1.00

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Mechanical Properties

	Tensile psi	Tensile Mpa	Yield psi*	Yield Mpa*	Elongation %	Hardness, HV
Nickel 200	68,000	469	27,000	186	47	171
Monel® 400	82,000	565	39,000	269	45	137
Inconel® 600	99,000	683	45,000	310	43	160
Inconel® 601	92,000	634	40,000	276	56	137
Inconel® 625	130,000	896	70,000	483	50	183
Incoloy® 800	85,000	586	42,000	290	45	155
Incoloy® 800H	80,000	552	35,000	241	45	145
Incoloy® 800HT®	80,000	552	35,000	241	45	145
Incoloy® 803	89,000	614	46,000	317	47	143
Incoloy® 825	100,000	690	45,000	310	45	155
INCO C-276	115,000	793	50,000	345	60	188
INCO 020	99,000	683	60,000	414	35	148

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