



The following welding rods have been determined to be compatible with Teikuro Hard Chrome:

Manufacturer	Welding Rod	Hardness	% Nickel	% Chrome
Alloy Rods Corp. Hanover, PA 17331 (800) 933-7070	Arcaloy 410	38	.52% - 0.60%	11.80%
Barlet Associates Warren MI 48090 (313) 779-1680	Apache CM - 2	40-42	0.08%	0%
	Apache HW - 2	54-56	0%	5%
	Apache HW - 4	57-58	0%	3.2%
	Apache HW - 45	45	0%	5.45%
	Apache XPT - 16	45-46	0%	11.5-13.5%
Certanium Alloys Cleveland, OH 44103 (216) 391-8300	No. 15a	60	0%	5-10%
	No.210	30-40	5-10%	1-5%
	No.219a	55-60	0%	1-5%
	No. 702	60-62	0%	0%
	No. 705a	20	1-5%	10-1%
	No. 889	20	40-60%	0%
Cronatron Welding Systems Charlotte, NC 28216-2367 (704) 598-1225	Cronaweld 340	30-35	4%	12.00%
	Cronatig 340T	30-35	4%	12.00%
	Cronatig 340M	30-35	4%	12.00%

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Manufacturer	Welding Rod	Hardness	% Nickel	% Chrome
Eureka Welding Alloys 2000 E. Avis Drive Madison Heights, MI 48071 1-248-588-0001	EXP - 10	36-40	10.5%	5%
	Nickel 60 *	<20	55%	0%
	No. 72	53-57	0%	5%
	No. 72 A	53-57	0%	5%
	No. 74	56-60	0%	3.50%
	No. 74A	56-60	2%	2.50%
	No. 130 - A	30-40	0%	1%
	No. 350	36-40	10% MAX	11%
	No. 500	20 MAX	15% MAX	29%
	No. 515 Ultra	20 MAX	9%	29%
No. 1215	56-60	0%	5%	
No. 1216	61-64	0%	4.50%	
Eutectic Corporation Flushing, NY 11358 (800) 323-4845 (718) 358-4000	Endotec DO*23	<20	59-60%	0%
	Eutectrode 27	30	0%	0%
	Eutectrode 66	<20	0.05%	0.03%
	Eutectrode XHD6804	50	0.40%	13%
	Tig - Tectic 5 OH	47 - 50	0.00%	1%
	Tig - Tectic 680	24	9.00%	30%
	Tig - Tectic 66	82(B)	0.00%	0%
	Tig - Tectic 45301W	45	0.00%	2%
	Tig - Tectic 5 AH	53 - 61	0.00%	5.2%
	Tig - Tectic 5HSS	62	0%	39%
	Xuper 680 CGS	36-40	9.50%	29%
	Xuper 22*33N	<20	55.00%	0%
Lincoln Electric Co. Cleveland, OH 44117 (216) 481 - 8100	E 6013	<20	0%	0%
	E 7018	<20	0%	0.20%
M & R Welding Alloys Pittsburgh, PA 15230 (412) 682 - 5510	M&R 177	50-54	10%	5%
	M&R 209	38-42	17%	5%

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Manufacturer	Welding Rod	Hardness	% Nickel	% Chrome
McKay Welding Products Troy, OH 45373 (513) 332-5706	Cast Alloy T-60	N/A	46%	
	GP	N/A	9%	
	Hardalloy 58	45-60	0%	
	Hardalloy 61	53-63	0%	
MG Industries Menomonee Falls, WI 53051 53051 (414) 255-5520	MG 210	<20	57.00%	0%
	MG 460 (zincrepair)	<20	0%	0%
	MG 540	32	0.04%	0.03%
	MG 600	23-30	9.25%	29.10%
	MG 700	58-62	0%	4%
	MG 710 (tig)	55-60	0%	8% - 9%
Thermocote Welco Kings Mountain, NC 28086 (704) 739-6421	3-FH	FH up to 45	0%	0.98%
	310-316	35	20-23	25% - 28%
Misumi USA, Inc. Itasca, IL 60143 (708) 773-3244	EA600W	56-62	0%	9.10%
	GRICAST 31	<20	55.30%	0%
	MH-1	56-60	0%	0%
	MH-2S	50	0%	0%
	SF-3	36-40	6.00%	5.20%
Tokai Yogyo Co., Ltd. Nagoya, Japan	NCF-12	30	9.50%	N/A
	TC-3A	<20	56.18%	0%
Tokai Yogyo Co., Ltd. Nagoya, Japan  Distributed by: Teikuro Corporation (937) 325-9900	T11-Cr	40-50	12%	11.05%
	TM2000	45.3	10.91%	4.92%
	TM2000B	37-39	10.92%	4.87%
	TS-12	30	9%	30.68%
	T-2000		6.06%	4.30%

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Tokuden Co., Ltd. Fujisawa, Japan	H11-Cr	40-50	12%	11.05%
Distributed by: Teikuro Corporation (937) 325-9900				
Vulcan Systems, Inc. Fenton, MI 48430 (800) 241-9885	400-HC	25-30	7% - 10%	26% - 34%
	T-400-HC	25-30	7% -10%	26% - 34%
	450-DD	45-49	15% - 30%	0%
	500-CI	30-36	52.17%	0%
	T-500-CI	30-36	52.17%	0%
	910 - AH	56 -59	N/A	5%
	930-HS	60-63	0%	3.75% - 4.5%
	T-930-HS	60-63	0%	3.75% -4.5%
	940-HW	54-57	0%	4.75% - 5.5%
	T-940-HW	54-57	0%	4.75% -5.5%
	9030-HS	60-62		
	SUN-ARC	25-30	8% - 10.5%	28% -32%
	MS999HW	58	0%	4.70%
Weld Mold Company Brighton, MI 48116 (313) 229-6539	Polymatic 705 F.C.	34-36	7.5% - 9%	3.50%
	Polyweld 747-L	46-48	8%	4.00%
	535	35-38	2.53%	1.73%
	808-HD	34-35	8% - 10.5%	28% - 32%
	943-L	54-57	0.00%	0.00%
	943-F.C.	54-57	0.00%	4.10%
	954	38-42	0.00%	4.10%
	954-T	30-32	0.60%	4.6% - 6.0%
	958-T	52-54	0.00%	4.85%-5.35%
	9770-T	30 -32	17% - 19%	0.00%

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Manufacturer	Welding Rod	Hardness	% Nickel	% Chrome
Weldtech International Cincinnati, OH 45215 (513) 772-5005	CI - 10 (M&R 209)	36-40	10% - 11%	5.5% - 6.5%
MPD Welding Inc. Troy, MI 48099-9277 (800) 266-WELD	MPD 110	35 -38	0% - 8%	5%
	MPD 162	N/A	0%	3.75% - 4.5%
	MPD D6510	54 -57	0% - 8%	0 - 10%
X-Ergon by Partsmaster Irving, TX 75285-5326 (800) 527-9916	Cor-Therm #186	45	11% maximum	35% maximum

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## WARNING!!



THE FOLLOWING WELDING RODS HAVE BEEN DETERMINED  
TO BE INCOMPATIBLE WITH THE TEIKURO PROCESS.

Manufacturer	Welding Rod	Reason for Incompatibility
Cronitex-Metallurgie SchwelBtechnik GmbH 51467 Bergisch Gladbach Zum Scheider Feld 18 Germany	Croni-WIG GG-TEC Croni-MIG GG-Tec	High Nickel - 65%
Eureka Welding Alloys 2000 E. Avis Drive Madison Heights, MI 48071	Eureka 99 Ni	High Nickel - 99%
Eutectic Corporation Flushing, NY 11358 (800) 323-4845	Castec 3099 Eutectrode N9080 XHD 6899 Xuper 22*24N Xuper 2222XHD Xyron 2-24	High Nickel - 92% High Nickel - 63% High Nickel - 70% High Nickel - 92% High Nickel - 70% High Nickel - 92%
MG Industries Menomonee, WI 53051 (414) 255-5520	MG 470	High Aluminum - 85-95%
Misumi USA, Inc. Itasca, IL 60143 (708) 773-3244	CIA - 1	High Nickel - 96%
Tokai Yogyo Co., Ltd. Nagoya, Japan	TC - 1	High Nickel - 99%
Vulcan Systems Fenton, MI 48430 (800)241-9885	Vulcan T-400CG	Too Soft - for underlayment only