

TENSALLOY™ STEEL

Protect your equipment with wear plates made of Tensalloy™ AR Plate - the durable and impact-resistant steel for long-lasting performance.



CUSTOM FABRICATIONS,
DEPENDABLE PRODUCTS

AR400

360 - 440 BHN



AR450

429 - 490 BHN



AR500

460 - 550 BHN



AR550

530 - 570 BHN



AR600

580 - 670 BHN

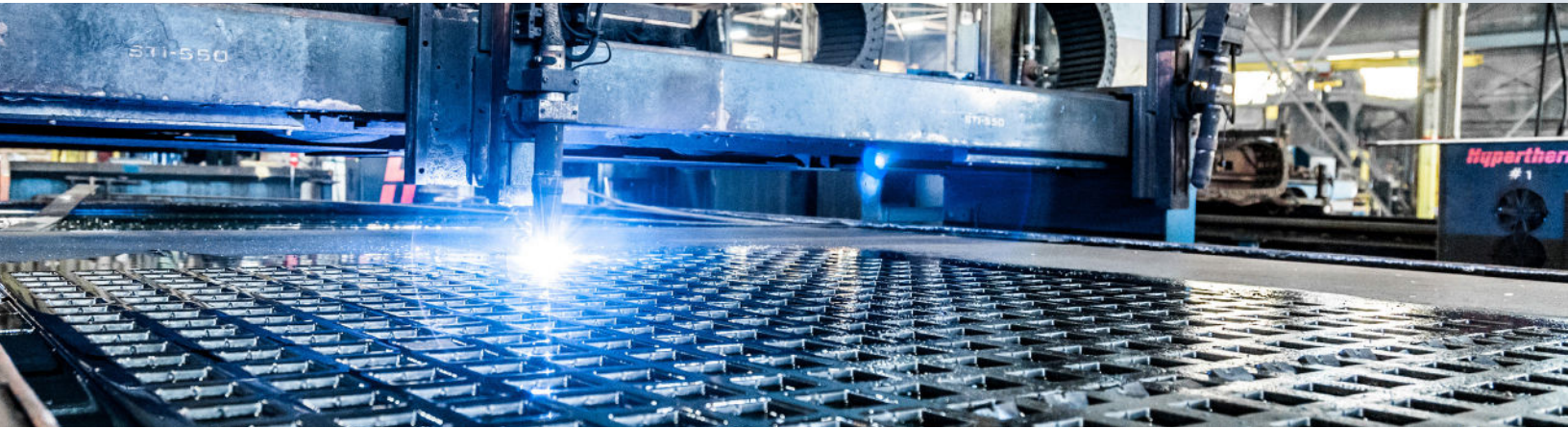


AVAILABLE SIZES

Thickness	0.125" - 4"
Width	48" - 120"
Length	288" typical
*Contact a representative for available sizes per specification	

SERVICES

- ✓ Cutting - Plasma, Water Jet, Oxyacetylene, Laser
- ✓ Press Brake (in tons)- 100 Mechanical, 600 Hydraulic
- ✓ Welding / Fabrication - MIG & TIG
- ✓ Machining- CNC, mill slots, thread holes, bevel, chamfer



		TENSALLOY™ AR400				TENSALLOY™ AR450	TENSALLOY™ AR500	TENSALLOY™ AR550	TENSALLOY™ AR600
TYPICAL HARDNESS		360 - 440 BHN				429 - 490 BHN	460 - 550 BHN	530 - 570 BHN	580 - 670 BHN
AVAILABILITY	THICKNESS	.125" - 8"				.236" - 2.5"	.125" - 4"	.125" - .405"	.125" - .405"
	WIDTH	48" - 120"				48" - 120"	48" - 120"	48" - 60"	48" - 60"
	LENGTH	up to 480"				up to 480"	up to 480"	96" - 120"	96" - 120"
TYPICAL CHEMICAL COMPOSITION	THICKNESS	.188 - .250	.250 - .750	.750 - 1.00	1.25 - 4.00	.236 - 2.5	.125 - 4	.125 - .405	.125 - .405
	CARBON	0.20	0.17	0.17	0.25	0.25	0.31	0.35 max	0.55 max
	MANGANESE	1.50	1.50	1.50	1.50	1.35	0.95	0.95	0.50
	PHOSPHORUS	0.025	0.025	0.025	0.025	0.025	0.025	0.020	0.020
	SULFUR	0.005	0.005	0.005	0.005	0.005	0.005	0.010	0.010
	SILICON	0.50	0.50	0.50	0.50	0.55	0.65	0.50	0.30
	CHROMIUM	0.45	0.20	0.60	0.20	0.55	0.75	0.75	0.60
	MOLYBDENUM	0.05	0.20	0.20	0.60	0.65	0.75	0.75	0.30
	BORON	-	0.003	0.003	0.003	0.003	0.003	0.003	0.003
	NICKEL	-	-	-	-	1.00	1.00	0.55	1.80

CONTACT A
CLIFTON STEEL
REPRESENTATIVE

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SPECIFICATIONS