



ED FAGAN INC.

Special Purpose Metals and Alloys

FROM STOCK AND SPECIAL ORDER



769 Susquehanna Avenue, Franklin Lakes, NJ 07417 • **phone 201.891.4003**
10537 Humbolt Street, Los Alamitos, CA 90720 • **phone 562.431.2568**

Glass Sealing / Controlled Expansion Alloys / Electrical & Electronic Nickel

EFI provides the highest quality materials including materials from Carpenter Technology Corp.

ASTM F15 Alloy:

aka Kovar, Pernifer 2918, NILO K & Dilvar P1

Coil/Strip, Sheet, Plate, Round Bar

Invar 36:

aka Pernifer 36, NILO 36 & Invar Steel

Round Bar, Sheet, Plate

Super Invar 32-5:

Round bar, Sheet, Plate

42/*46/48/52 Alloy:

aka Pernifer 40, 46, 48 & 50;

NILO 42, 46, 48 & 50;

Glass Seal 42, 46, 48 & 50

Coil/Strip, Sheet, Plate, Round Bar

Electronic Nickel

200/201/233/270:

Coil/Strip, Round Bar, Sheet

**Products listed in Italics are special order and not standard stock items. Please call for availability.*

Soft Magnetic Alloys/ EMI Shielding & Laminations

EFI is a distributor of magnetic shielding alloys for the world's leading producer of these alloys – VDM Metals GmbH.

EFI Alloy 79:

aka Magnifer 7904, Moly-Permalloy,

HyMu 80, Hypnom & Permalloy 80

Round Bar, Sheet, Coil/Strip

EFI Alloy 50:

aka Magnifer 50, High Permeability 49 & Alloy 47-50

Round & Square Bar, Coil/Strip

Carpenter VimVar Core Iron:

Round Bar

Carpenter Hiperco 50:

Plate, Coil/Strip

Carpenter Hiperco 50A:

Round Bar

Radiometal 4550:

Round Bar, Coil/Strip

Refractory Metals/Alloys

EFI is a stocking distributor of Molybdenum & Tungsten products, as well as many other refractory metals and alloys, providing the highest quality materials available.

Molybdenum:

Round Bar, Sheet, Plate,

Threaded Rod & Nuts

**Foil/Coil/Strip, Wire*

TZM Molybdenum Alloy:

Round Bar, Sheet, Plate

Tungsten:

Round Bar, Plate, **Sheet, *Wire*

Tungsten Alloy:

Round Bar, **Sheet, *Plate,*

**Shapes, *Flat Blanks*

**Tantalum: Round Bar, Sheet*

**Niobium: Foil/Coil/Strip*

**Rhenium: Sheet*

**Products listed in Italics are special order and not standard stock items. Please call for availability.*

METALS WE DISTRIBUTE

Titanium - CP & 6Al-4V • High Temperature Alloys • Corrosion Resistant Alloys • Stainless Steel

JUST IN TIME DELIVERY:

All **standard stock** items can be **shipped within 24 hours** – and are often **shipped the same day**. For **special order** materials, EFI has long relationships with the manufacturers of these materials, so please contact a sales rep to discuss price and delivery options. All materials can be certified with shipment.

SERVICES WE OFFER

Slitting, Shearing, Saw Cutting, Centerless Grinding, Water-jet Cutting, Laser Cutting, Custom Stocking Programs, Consignment Programs



Are you spending too much of your valuable time trying to locate specialty metals and materials? If you can't locate the hard-to-find materials you need, use EFI's Material Locator to source them for you.

www.material-locator.com



www.edfagan.com • toll free 800.348.6268 • sales@edfagan.com
THE MATERIALS YOU NEED, WHEN YOU NEED THEM



	fraction	inches	mm	fraction	inches	mm	fraction	inches	mm
		0.0001	0.003	9/32	0.2810	7.14	1 1/2	1.5000	38.10
		0.0003	0.006		0.2953	7.50		1.5354	39.00
		0.0005	0.013	5/16	0.3125	7.94		1.5748	40.00
		0.0010	0.03		0.3150	8.00	1 5/8	1.6250	41.28
		0.0020	0.05		0.3346	8.50	1 3/4	1.7500	44.45
		0.0030	0.08		0.3543	9.00	1 7/8	1.8750	47.63
		0.0040	0.10	3/8	0.3750	9.53		1.9685	50.00
		0.0050	0.13		0.3937	10.00	2	2.0000	50.80
		0.0100	0.25		0.4134	10.50	2 1/8	2.1250	53.98
		0.0150	0.38		0.4331	11.00	2 1/4	2.2500	57.15
1/64	0.015625	0.40		7/16	0.4375	11.11		2.3622	60.00
		0.0197	0.50		0.4528	11.50	2 3/8	2.3750	60.33
		0.0200	0.51		0.4724	12.00	2 1/2	2.5000	63.50
		0.0250	0.64	1/2	0.5000	12.70	2 5/8	2.6250	66.68
		0.0300	0.76		0.5118	13.00	2 3/4	2.7500	69.85
1/32	0.0313	0.79			0.5512	14.00		2.7559	70.00
		0.0350	0.89		0.5906	15.00	2 7/8	2.8750	73.03
		0.0394	1.00	5/8	0.6250	15.88	3	3.0000	76.20
		0.0400	1.02		0.6299	16.00		3.1496	80.00
		0.0500	1.27		0.6693	17.00	3 1/4	3.2500	82.55
		0.0591	1.50	11/16	0.6870	17.45	3 1/2	3.5000	88.90
		0.0600	1.52		0.7087	18.00		3.5433	90.00
1/16	0.0625	1.59			0.7480	19.00	3 3/4	3.7500	95.25
		0.0700	1.78	3/4	0.7500	19.05	3 15/16	3.9370	100.00
		0.0780	1.98		0.7874	20.00	4	4.0000	101.60
		0.0800	2.03		0.8268	21.00	4 1/2	4.5000	114.30
		0.0900	2.29		0.8661	22.00		4.7244	120.00
		0.0930	2.36	7/8	0.8750	22.23	5	5.0000	127.00
		0.0984	2.50		0.9055	23.00	5 1/2	5.5000	139.70
1/10	0.1000	2.54			0.9449	24.00		5.5118	140.00
		0.1090	2.77		0.9843	25.00	6	6.0000	152.40
		0.1150	2.92	1	1.0000	25.40	6 3/10	6.2992	160.00
		0.1181	3.00		1.0236	26.00	7	7.0000	177.80
1/8	0.1250	3.18		1 1/16	1.0630	27.00		7.0866	180.00
		0.1378	3.50		1.1024	28.00	7 1/2	7.5000	190.50
		0.1450	3.68	1 1/8	1.1250	28.58	7 7/8	7.8740	200.00
		0.1500	3.81		1.1417	29.00	8	8.0000	203.20
		0.1575	4.00		1.1811	30.00		8.6614	220.00
		0.1640	4.17		1.2205	31.00	9	9.0000	228.60
		0.1750	4.45	1 1/4	1.2500	31.75		9.4488	240.00
		0.1772	4.50		1.2598	32.00	10	10.0000	254.00
3/16	0.1875	4.76			1.2992	33.00		10.2362	260.00
		0.1969	5.00		1.3386	34.00	11	11.0000	279.40
		0.2000	5.08	1 3/8	1.3750	34.93		11.0236	280.00
15/64	0.2344	5.95			1.3780	35.00		11.8110	300.00
		0.2362	6.00		1.4173	36.00	12	12.0000	304.80
1/4	0.2500	6.35			1.4567	37.00			
		0.2756	7.00		1.4961	38.00			

LINEAR

To Convert:	Multiply by:
inches into centimeters	2.540
inches into meters	0.0254
inches into millimeters	25.4
feet into meters	0.3048
feet into centimeters	30.48
millimeters into feet	0.00328084
millimeters into inches	0.03937
centimeters into inches	0.3937
meters into feet	3.281

MASS

To Convert:	Multiply by:
ounces into grams	28.3495
pounds into grams	453.592
pounds into kilograms	0.453592
tons into kilograms	1016.047
grams into ounces	0.03527
kilograms into pounds	2.2046

TEMPERATURE

To Convert between degrees Fahrenheit (°F) & degrees Celcius (°C):
$^{\circ}\text{C} = (^{\circ}\text{F} - 32) \times 5/9$
$^{\circ}\text{F} = ^{\circ}\text{C} \times 9/5 + 32$