



14 AlNiCo-Magnete

14 AlNiCo Magnets

Materialklasse für Instrumente und Hochtemperaturen

- Beste Temperatur Stabilität in der Remanenz
- Gussmaterial Strukturen, geschliffene Polflächen
- Oxydation resistent
- Einfach zu magnetisieren
- Leichte Entmagnetisierbarkeit beachten

Instrumentation grade magnets and magnet systems

- Best temperature range and stability
- Cast metal alloy structure, pole surfaces grinded
- Corrosion resistant
- Easy to magnetize
- Observe demagnetization

AlNiCo



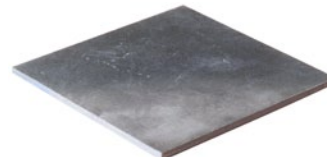
Rundstabmagnete
Round bar magnets



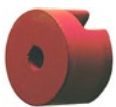
Quadermagnete
Parallelepiped
magnets



Zylindermagnete
Cylindrical magnets



Hysteresisplatte
Hysteresis-plate



Knopfmagnete
Button magnets



Brückenmagnete
Bridge magnets



U-Magnete
U-shaped magnets

Kundenspezifische Magnetanfrage, Werkslieferung

Abmessung / Form / Material / Magnetisierung /
nach Zeichnung...

[eMail](#)

Your enquiry

Size / shape / material / magnetization / after drawing...

[eMail](#)



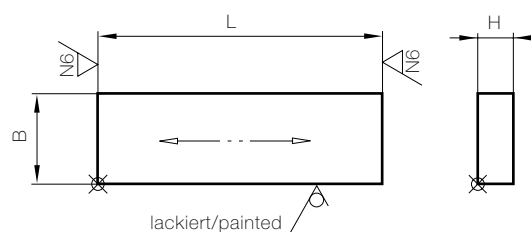
Quadmagnete, AINiCo Rectangular magnets, AINiCo

Werkstoff:
Material: **AINiCo 40/5**

Temperatur:
Temperature: **max. 500°C**

Ausführung: 1) = rot lackiert, Polfläche
geschliffen, axial magnetisiert
2) = roh, Polfläche geschliffen,
axial magnetisiert

Execution: 1) = red painted, ground pole-face,
magnetised on-axis
2) = raw, ground pole surface,
magnetised on-axis



Bestell-Nr. Stock number	Abmessungen Dimensions			Gewicht Weight Lift (front)	Hubkraft stirnseitig N	Ausführung Execution
	B	H	L	g		
M028.5	10	5	20	8	6.0	1)
M029.5	12.5	5	40	19	15.0	1)
M030.5	15	5	60	32	20.0	1)
M039.6	15	10	50	52	14.0	1)
M040.6	15.5	10	75	81	14.0	1)
M071.2	10.0	10.0	40	30.0	18.0	2)
M032.2	11.0	3.0	25	6.0	5.0	2)
M059.2	11.0	5.0	28	11.0	10.0	2)

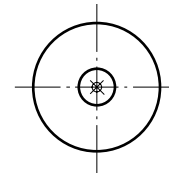
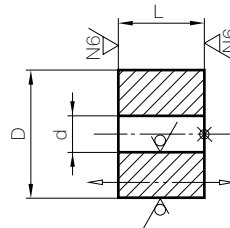


M040.6



Zylindermagnete, AINiCo Cylindrical magnets, AINiCo

Temperatur:
Temperature: **max. 500°C**
Ausführung: roh, unmagnetisiert
Execution: raw, non-magnetic

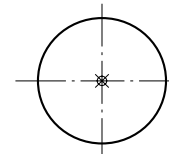
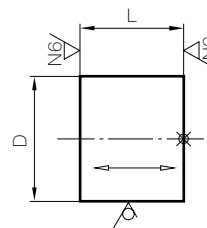


M000.1

Bestell-Nr. Stock number	Abmessungen Dimensions			Gewicht Weight g	Werkstoff Material
	D	d	L		
M115.1	12.0	4.0	10.0	7	AINiCo 43/5
M010.1	19.0	5.5	9.5	19	AINiCo 43/5
M113.1	23.0	6.0	14.0	38	AINiCo 42/5
M000.1	26.0	8.0	15.9	55	AINiCo 42/5
M001.1	28.0	8.0	19.0	75	AINiCo 42/5
M002.1	30.0	8.0	22.2	109	AINiCo 42/5
M003.1	32.5	8.0	25.4	140	AINiCo 42/5
M004.1	35.0	9.0	28.6	182	AINiCo 42/5
M054.1	60.0	12.7	24.0	476	AINiCo 42/5

Achtung: Diese Magnete können nur für den Systembau verwendet werden. Anlieferung unmagnetisiert Magnetisierung nach Einbau.

Caution: these magnets can only be used for system building. When delivered they are non-magnetic. Magnetisation after assembling.



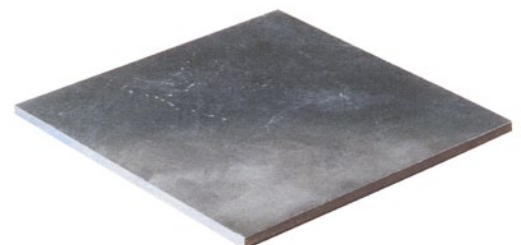
M053.1

Bestell-Nr. Stock number	Abmessungen Dimensions		Gewicht Weight g	Werkstoff Material
	D	L		
M056.1	17.5	10.9	19	AINiCo 42/5
M053.1	31.0	25.0	140	AINiCo 40/5
M055.1	31.75	25.4	148	AINiCo 40/5

Hystereseplatte, AINiCo Hysteresis-plate, AINiCo

Abmessungen
Dimensions

Bestell-Nr. Stock number	Abmessungen Dimensions		
	L	B	H
30075	100.0	100.0	3.0

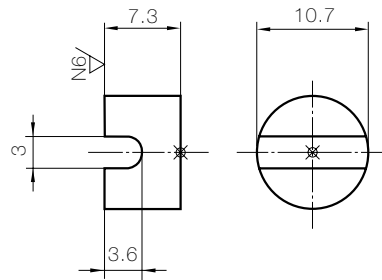


Remanenz Remanence Br T	Koerzitivstärke Coercive force HcB kA/m	Max. spez. Energie Max. spec. energy (BH) max. kJ/m ³	Dichte Density g/cm ³
0.85	11.90	5.15	7.3



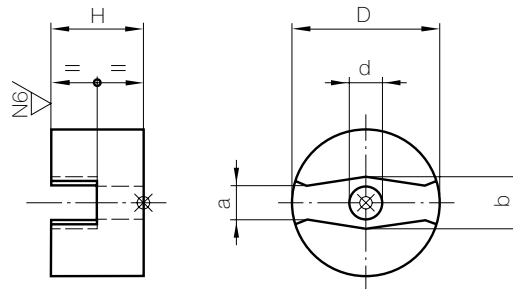
Knopfmagnete, AINiCo
Button magnets, AINiCo

Temperatur
Temperature: **max. 450°C**



Bestell-Nr. Stock number	Gewicht Weight g	Hubkraft Lift N	Werkstoff Material	Farbe Colour
M017.5	3	5	AINiCo 13/4	rot/red

Temperatur
Temperature: **max. 450°C**



M037.6

Bestell-Nr. Stock number	Abmessungen Dimensions					Gewicht Weight g	Hubkraft Lift N	Werkstoff Material	Farbe Colour
	D	H	a	b	d				
M035.6	12.5	9.5	4.5	7.2	4.5	6	7	AINiCo 13/4	rot / red
M036.6	19.0	12.9	5.5	9.0	4.8	20	12	AINiCo 13/4	rot / red
M037.6	25.4	15.9	5.9	9.0	5.7	45	29	AINiCo 13/4	rot / red
M038.6	31.8	25.4	8.0	13.3	7.0	104	66	AINiCo 13/4	rot / red

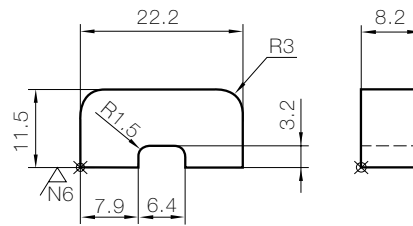


Brückenmagnete, AINiCo
Bridge magnets, AINiCo

Temperatur / Temperature: **max. 450°C**

Bestell-Nr.
Stock number

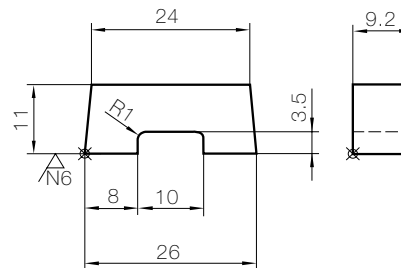
Werkstoff Material	Gewicht Weight g	Hubkraft Lift N	Farbe Colour
M110.6 AINiCo 36/6	13	20	blau / blue



Temperatur / Temperature: **max. 500°C**

Bestell-Nr.
Stock number

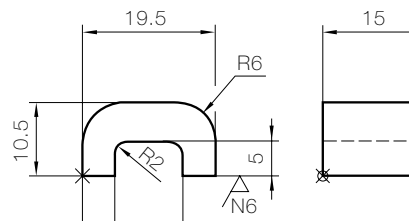
Werkstoff Material	Gewicht Weight g	Hubkraft Lift N	Farbe Colour
M190 AINiCo 40/5	16	23	rot / red



Temperatur / Temperature: **max. 500°C**

Bestell-Nr.
Stock number

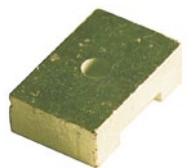
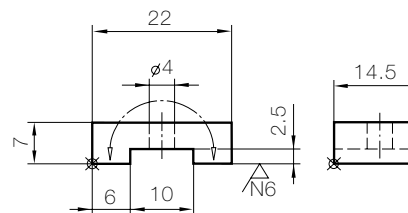
Werkstoff Material	Gewicht Weight g	Hubkraft Lift N	Farbe Colour
M191 AINiCo 40/5	15	16	grün / green



Temperatur / Temperature: **max. 500°C**

Bestell-Nr.
Stock number

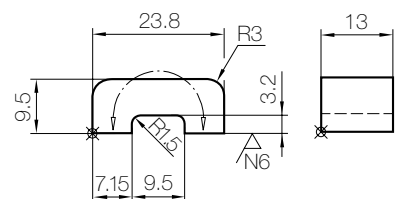
Werkstoff Material	Gewicht Weight g	Hubkraft Lift N	Farbe Colour
M109.5 AINiCo 42/5	13	21	blau verzinkt blue zinc coated



Temperatur / Temperature: **max. 500°C**

Bestell-Nr.
Stock number

Werkstoff Material	Gewicht Weight g	Hubkraft Lift N	Farbe Colour
M111.2 AINiCo 36/6	18	25	roh / raw



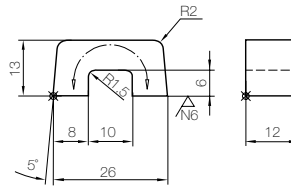


Brückenmagnete, AINiCo
Bridge magnets, AINiCo

Temperatur / Temperature: **max. 500°C**

Bestell-Nr.
Stock number

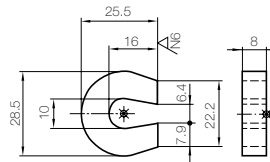
Werkstoff Material	Gewicht Weight g	Hubkraft Lift N	Farbe Colour
M073.2 AINiCo34/6	22	39	roh / raw



Temperatur / Temperature: **max. 500°C**

Bestell-Nr.
Stock number

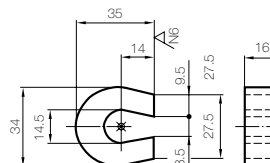
Werkstoff Material	Gewicht Weight g	Hubkraft Lift N	Farbe Colour
M024.6 AINiCo 40/5	28	20	rot / red



Temperatur / Temperature: **max. 450°C**

Bestell-Nr.
Stock number

Werkstoff Material	Gewicht Weight g	Hubkraft Lift N	Farbe Colour
M008.6 AINiCo 13/4	78	36	rot / red





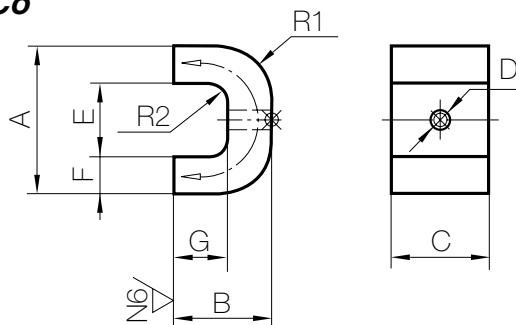
U-Magnete, AINiCo

U-shaped magnets, AINiCo

Werkstoff:
Material: **AINiCo 40/5**

Temperatur:
Temperature: **max. 500°C**

Ausführung: rot
Execution: red



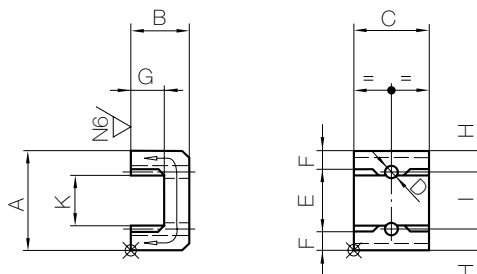
M020.6

Bestell-Nr. Stock number	Abmessungen Dimensions									Gewicht Weight	Hubkraft Lift
	A	B	C	D	E	F	G	R1	R2	g	N
M018.6	30.0	20.0	20.0	5.0	15.0	7.5	11.0	11.0	4.0	57	45
M019.6	40.0	25.0	25.0	5.5	20.0	10.0	14.0	12.0	5.0	115	90
M020.6	45.0	30.0	30.0	6.0	23.0	11.0	17.0	14.0	6.0	188	120

Werkstoff:
Material: **AINiCo 43/5**

Temperatur:
Temperature: **max. 500°C**

Ausführung: rot
Execution: red



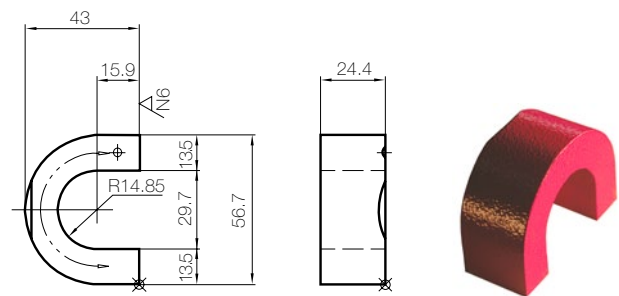
M013.6

Bestell-Nr. Stock number	Abmessungen Dimensions										Gewicht Weight	Hubkraft Lift
	A	B	C	D	E	F	G	H	I	K	g	N
M013.6	57.0	35.0	45.0	8.0	35.0	11.0	23.0	12.6	31.8	27.8	358	230
M014.6	70.0	41.0	57.0	8.0	41.0	14.5	26.0	16.0	38.0	34.8	710	320



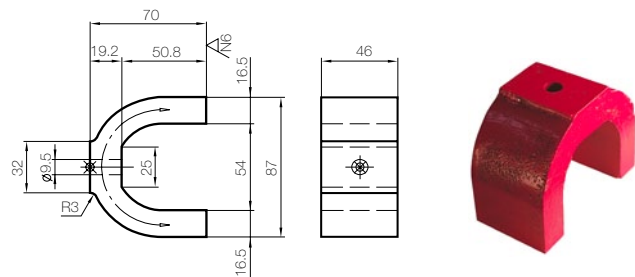
U-Magnete, AINiCo
U-shaped magnets, AINiCo

Werkstoff:
Material: **AINiCo 40/5**
Temperatur:
Temperature: **max. 500°C**



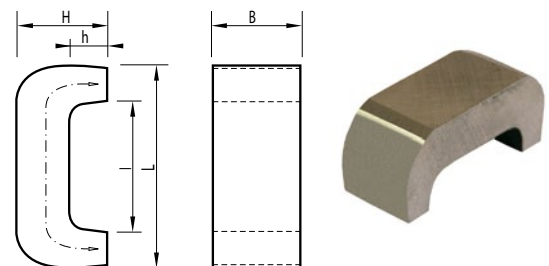
Bestell-Nr. Stock number	Werkstoff Material	Gewicht Weight g	Hubkraft Lift N	Farbe Colour
M007.6	AINiCo 40/5	220	150	rot / red

Werkstoff:
Material: **AINiCo 40/5**
Temperatur:
Temperature: **max. 500°C**



Bestell-Nr. Stock number	Werkstoff Material	Gewicht Weight g	Hubkraft Lift N	Farbe Colour
M006.6	AINiCo 40/5	877	360	rot / red

Werkstoff:
Material: **AINiCo 40/5**
Ausführung:
Exécution: *Polflächen geschliffen, roh*
ground pole surface, raw
Temperatur:
Temperature: **max. 500°C**



Bestell-Nr. Stock number	Abmessungen Dimensions					Gewicht Weight g	Hubkraft Lift N
	L	B	H	l	h		
M230.6	38	15	16	25	7	42	50
M231.6	52	15	16	30	4	72	70
M232.6	55	18	26	31	14	135	100