



## 11 Neodym-Magnete

## 11 Neodymium Magnets

### Hi – Tech Magnete mit bester magnetischer Energie

- Allzweckmaterial mit hoher magnetischer Leistung
- Diverse Einsatz-Temperaturen
- Keramische Materialstruktur, erschwert im Handling
- Eingeschränkt verwendbar in Wasser und Dampf
- Einschränkung der Temperaturbeständigkeit dünner Magnete

### Hi-tech magnets with best magnetic energy

- All purpose high performance material
- Choice of temperature range
- Ceramic structure, sturdy, not easy in handling
- Avoid immersion in water or hot steam
- Limited temperature resistance for fine magnets

### NdFeB / N35...N38



Scheibenmagnete  
Disk magnets



Quadermagnete  
Parallelepiped  
magnets



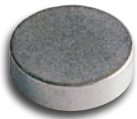
Ringmagnete mit  
Senkung  
Ring magnets with  
sinking



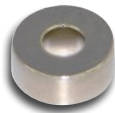
Ringmagnete  
Ring magnets

### NdFeB / N42...N48

- +20%...+40% Energieinhalt zu N35
- +20%...+40% Energie Content to N35



Scheibenmagnete  
Disk magnets



Ringmagnete  
Ring magnets



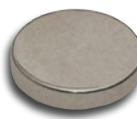
Quadermagnete  
Parallelepiped  
magnets



Kugelmagnete  
bullet magnets

### NdFeB / N45SH

- +30% Energieinhalt zu N35, erhöhte Temperaturbeständigkeit bis 150°C
- +30% Energie Content to N35, Increased temperature resistance up to 150°C



Scheibenmagnete  
Disk magnets



Ringmagnete  
Ring magnets



Quadermagnete  
Parallelepiped  
magnets

### Kundenspezifische Magnetanfrage, Werkslieferung

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

eMail

### Your enquiry

Size / shape / material / magnetization / coating /  
working temperature / after drawing...

eMail

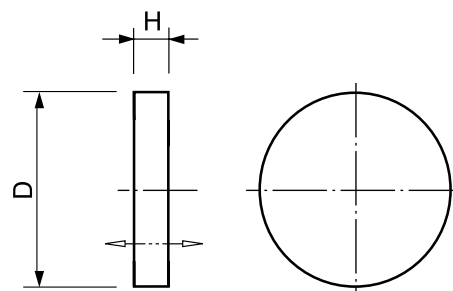


## Scheibenmagnet, Neodym Disk magnets, Neodymium

Werkstoff:  
Material: **NdFeB / N35**

Temperatur: **max. 80°C**, wenn  $H / D = > 1$   
Temperature: **max. 80°C**, if  $H / D = > 1$

Ausführung: verzinkt, axial magnetisiert  
Execution: zinc coated, magnetised on-axis



M695.8

Bestell-Nr. Stock number	Abmessungen Dimensions ±0.1mm		Gewicht Weight	Hubkraft Lift
	D	H	g	N
<b>M601.8</b>	2.0	1.2	0.03	1.0
<b>M637.8</b>	2.0	2.0	0.05	1.2
<b>M717.8</b>	2.0	10.0	0.23	1.5
<b>M664.8</b>	3.0	1.0	0.05	1.6
<b>M665.8</b>	3.0	1.5	0.08	2.2
<b>M638.8</b>	3.0	2.0	0.10	2.5
<b>M617.8</b>	3.0	3.0	0.16	2.9
<b>M659.8</b>	3.0	4.0	0.21	3.1
<b>M622.8</b>	4.0	1.5	0.1	3.0
<b>M623.8</b>	4.0	2.0	0.2	3.8
<b>M624.8</b>	4.0	2.5	0.2	4.2
<b>M639.8</b>	4.0	3.0	0.3	4.7
<b>M640.8</b>	4.0	5.0	0.5	5.4
<b>M652.8</b>	4.0	7.0	0.7	5.8
<b>M728.8</b>	4.0	10.0	0.9	6.3
<b>M626.8</b>	4.5	2.0	0.2	4.4
<b>M673.8</b>	5.0	1.5	0.2	4.0
<b>M674.8</b>	5.0	2.0	0.3	5.0
<b>M675.8</b>	5.0	2.5	0.4	6.0
<b>M642.8</b>	5.0	3.0	0.4	6.6
<b>M729.8</b>	5.0	10.0	1.5	9.8
<b>M641.8</b>	5.5	2.5	0.4	6.6
<b>M613.8</b>	6.0	2.0	0.4	6.2
<b>M672.8</b>	6.0	3.0	0.6	8.6
<b>M656.8</b>	6.0	4.0	0.8	9.9
<b>M724.8</b>	6.0	6.0	1.21	11.7
<b>M663.8</b>	7.0	1.5	0.4	5.9
<b>M677.8</b>	7.0	2.5	0.7	8.9
<b>M645.8</b>	7.0	6.0	1.7	15.0
<b>M681.8</b>	8.0	2.0	0.7	9.1
<b>M682.8</b>	8.0	3.0	1.1	12.2
<b>M683.8</b>	8.0	4.0	1.5	15.4
<b>M643.8</b>	8.0	5.0	1.9	17.1
<b>M685.8</b>	9.0	3.0	1.4	14.0
<b>M644.8</b>	9.0	5.0	2.4	20.3

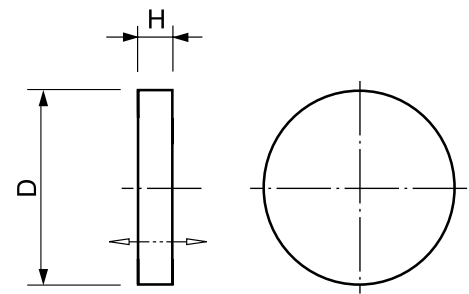


**Scheibenmagnet, Neodym**  
**Disk magnets, Neodymium**

Werkstoff:  
Material: **NdFeB / N35**

Temperatur: **max. 80°C**, wenn  $H / D = > 1$   
Temperature: **max. 80°C**, if  $H / D = > 1$

Ausführung: **verzinkt, axial magnetisiert**  
Execution: **zinc coated, magnetised on-axis**



M695.8

Bestell-Nr. Stock number	Abmessungen Dimensions ±0.1mm		Gewicht Weight g	Hubkraft Lift N	
	D	H			
<b>M687.8</b>	10.0	2.0	1.2	11.5	
<b>M646.8</b>	10.0	3.0	1.7	16.2	
<b>M688.8</b>	10.0	4.0	2.3	20.1	
<b>M647.8</b>	10.0	5.0	2.9	24.0	
<b>M689.8</b>	12.0	2.0	1.7	13.7	
<b>M690.8</b>	12.0	3.0	2.5	20.3	
<b>M692.8</b>	12.0	5.0	4.2	29.7	
<b>M693.8</b>	13.0	2.0	2.0	15.0	
<b>M694.8</b>	13.0	3.0	3.0	22.2	
<b>M649.8</b>	14.0	4.0	4.6	30.5	
<b>M699.8</b>	14.0	5.0	5.7	35.9	
<b>M700.8</b>	15.0	2.0	2.6	19.2	
<b>M701.8</b>	15.0	3.0	3.9	25.8	
<b>M702.8</b>	15.0	4.0	5.2	33.5	
<b>M648.8</b>	15.0	5.0	6.5	39.4	
<b>M648.8N</b>	15.0	5.0	6.5	39.4	vernickelt / nickel plated
<b>M704.8</b>	16.0	4.0	6.0	36.3	
<b>M707.8</b>	18.0	4.0	7.5	41.0	
<b>M709.8</b>	20.0	3.0	7.0	34.8	
<b>M710.8</b>	20.0	4.0	9.3	45.9	
<b>M650.8</b>	20.0	5.0	11.6	57.0	
<b>M651.8</b>	20.0	10.0	23.3	96.2	
<b>M712.8</b>	25.0	4.0	14.5	57.9	
<b>M713.8</b>	25.0	5.0	18.2	71.7	
<b>M657.8</b>	25.0	10.0	34.4	125.0	N38
<b>M668.8</b>	30.0	5.0	26.2	86.8	



## Quadmagnete, Neodym

### Parallelepiped magnets, Neodymium

Werkstoff:

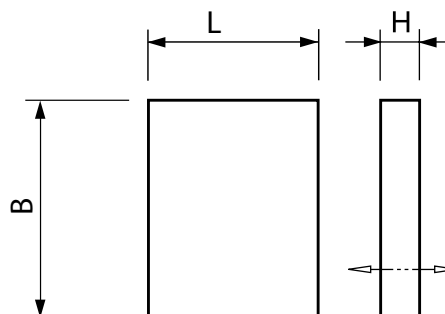
Material: **NdFeB / N35**

Temperatur: **max. 80°C**, wenn  $H / B = > 1$

Temperature: **max. 80°C**, if  $H / B = > 1$

Ausführung: verzinkt,  
durch Dicke magnetisiert

Execution: zinc coated,  
magnetised through thickness



M632.8

Bestell-Nr. Stock number	Abmessungen Dimensions ±0.1mm			Gewicht Weight g	Hubkraft Lift N
	L	B	H		
<b>M600.8</b>	3.0	3.0	1.0	0.1	1.4
<b>M604.8</b>	4.8	4.8	4.5	0.8	6.3
<b>M605.8</b>	5.0	5.0	2.0	0.4	4.8
<b>M610.8</b>	10.0	10.0	3.0	2.2	16.0
<b>M615.8</b>	15.0	15.0	5.0	8.4	46.5
<b>M630.8</b>	20.0	10.0	5.0	7.4	46.5
<b>M629.8</b>	20.0	10.0	2.0	3.0	18.0
<b>M667.8</b>	25.4	22.0	7.8	32.5	109.0
<b>M636.8</b>	26.0	12.0	10.0	24.5	100.0
<b>M632.8</b>	30.0	10.0	6.0	13.3	55.0
<b>M635.8</b>	30.0	30.0	6.0	40.0	106.0
<b>M628.8</b>	40.0	15.0	8.0	37.0	140.0

## Ringmagnete mit Senkung, Neodym

### Ring magnets with sinking, Neodymium

Werkstoff:

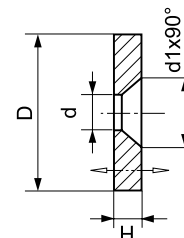
Material: **NdFeB / N35**

Temperatur:

Temperature: **max. 60...80°C**

Ausführung: vernickelt, axial magnetisiert

Execution: nickel plated, magnetised on-axis



Bestell-Nr. Stock number	Abmessungen Dimensions ±0.1mm			Gewicht Weight g	Hubkraft Lift N
	D	d	d1		
<b>M732.8</b>	12	3.5	6.6	3	21.2
<b>M733.8</b>	15	4.5	9.0	3.5	29.9
<b>M734.8</b>	18	4.5	9.0	4	44.0
<b>M735.8</b>	24	5.5	11.0	4	69.7



M733.8

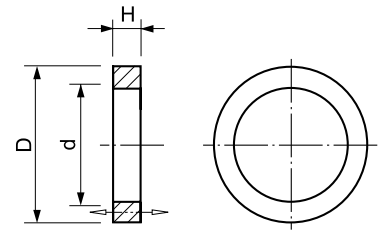


## Ringmagnete, Neodym Ring magnets, Neodymium

Werkstoff:  
Material: **NdFeB / N35...N38**

Temperatur: **max. 80°C**, wenn  $H / (D-d) = >0.5$   
Temperature: **max. 80°C**, if  $H / (D-d) = >0.5$

Ausführung: *axial magnetisiert*  
Execution: *magnetised on-axis*



M658.8

Bestell-Nr. Stock number	Abmessungen Dimensions ±0.1mm			Gewicht Weight	Hubkraft Lift	Werkstoff Material	Beschichtung Coating
	D	d	H	g	N		
<b>M658.8</b>	28	10.2	12	47.3	22.0	N35	verzinkt / zinc coated
<b>M736.8</b>	32	10.5	2	10.2	45.6	N35	vernickelt / nickel plated
<b>M721.8</b>	40	23.0	6	38.0	32.0	N38	vernickelt / nickel plated

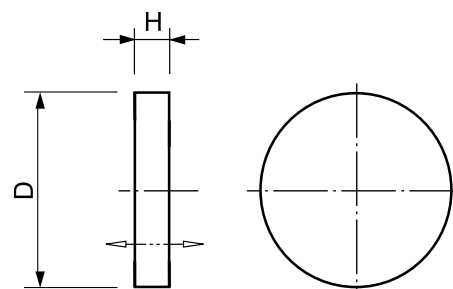


## Scheibenmagnet, Neodym Disk magnets, Neodymium

Werkstoff:  
Material: **NdFeB / N48**

Temperatur: **max. 80°C**, wenn  $H / D = > 1$   
Temperature: **max. 80°C**, if  $H / D = > 1$

Ausführung: vernickelt, axial magnetisiert  
Execution: nickel plated, magnetised on-axis



Bestell-Nr. Stock number	Abmessungen Dimensions ±0.1mm		Gewicht Weight	Hubkraft Lift
	D	H	g	N
<b>M661016</b>	1.5	1.0	0.01	0.7
<b>M661017</b>	1.5	2.0	0.03	1.0
<b>M661021</b>	2.0	1.0	0.02	1.2
<b>M661022</b>	2.0	2.0	0.05	1.7
<b>M661031</b>	3.0	1.0	0.05	2.1
<b>M661032</b>	3.0	2.0	0.10	3.5
<b>M661033</b>	3.0	3.0	0.16	4.1
<b>M661041</b>	4.0	1.0	0.1	2.9
<b>M661042</b>	4.0	2.0	0.2	5.2
<b>M661043</b>	4.0	3.0	0.3	6.5
<b>M661044</b>	4.0	4.0	0.4	7.2
<b>M661051</b>	5.0	1.0	0.2	3.9
<b>M661052</b>	5.0	2.0	0.3	7.0
<b>M661053</b>	5.0	3.0	0.4	9.1
<b>M661054</b>	5.0	4.0	0.6	10.5
<b>M661055</b>	5.0	5.0	0.7	11.3
<b>M661058</b>	5.0	8.0	1.2	12.5
<b>M661061</b>	6.0	1.0	0.2	4.7
<b>M661062</b>	6.0	2.0	0.4	8.7
<b>M661063</b>	6.0	3.0	0.6	12.0
<b>M661064</b>	6.0	4.0	0.8	13.8
<b>M661065</b>	6.0	5.0	1.0	15.3
<b>M661081</b>	8.0	1.0	0.4	6.2
<b>M661082</b>	8.0	2.0	0.7	12.7
<b>M661083</b>	8.0	3.0	1.1	17.1
<b>M661084</b>	8.0	4.0	1.5	21.4
<b>M661085</b>	8.0	5.0	1.9	23.9
<b>M661101</b>	10.0	1.0	0.6	8.2
<b>M661102</b>	10.0	2.0	1.2	16.0
<b>M661103</b>	10.0	3.0	1.7	22.6
<b>M661104</b>	10.0	4.0	2.3	28.1
<b>M661105</b>	10.0	5.0	2.9	33.6
<b>M661122</b>	12.0	2.0	1.7	18.9
<b>M661123</b>	12.0	3.0	2.5	28.3
<b>M661124</b>	12.0	4.0	3.4	34.9
<b>M661125</b>	12.0	5.0	4.2	41.5
<b>M661126</b>	12.0	6.0	5.0	47.3
<b>M661152</b>	15.0	2.0	2.6	27.3
<b>M661153</b>	15.0	3.0	3.9	35.5
<b>M661154</b>	15.0	4.0	5.2	46.1
<b>M661155</b>	15.0	5.0	6.5	54.2
<b>M661158</b>	15.0	8.0	10.5	76.8

top

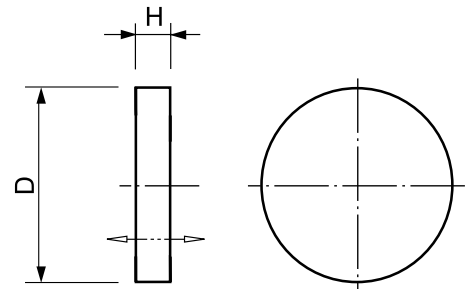


## Scheibenmagnet, Neodym Disk magnets, Neodymium

Werkstoff:  
Material: **NdFeB / N48**

Temperatur: **max. 80°C**, wenn  $H / D = > 1$   
Temperature: **max. 80°C**, if  $H / D = > 1$

Ausführung: vernickelt, axial magnetisiert  
Execution: nickel plated, magnetised on-axis



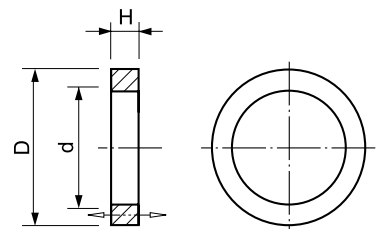
Bestell-Nr. Stock number	Abmessungen Dimensions ±0.1mm		Gewicht Weight g	Hubkraft Lift N
	D	H		
<b>M661202</b>	20.0	2.0	4.7	37.1
<b>M661203</b>	20.0	3.0	7.0	47.9
<b>M661204</b>	20.0	4.0	9.3	63.2
<b>M661205</b>	20.0	5.0	11.6	78.4
<b>M661210</b>	20.0	10.0	23.3	132.4
<b>M661253</b>	25.0	3.0	10.9	67.5
<b>M661254</b>	25.0	4.0	14.5	79.7
<b>M661255</b>	25.0	5.0	18.2	98.7

## Ringmagnete, Neodym Ring magnets, Neodymium

Werkstoff:  
Material: **NdFeB / N42...N48**

Temperatur: **max. 80°C**, wenn  $H / (D-d) = > 0.5$   
Temperature: **max. 80°C**, if  $H / (D-d) = > 0.5$

Ausführung: axial magnetisiert  
Execution: magnetised on-axis



M663166

Bestell-Nr. Stock number	Abmessungen Dimensions ±0.1mm			Gewicht Weight g	Hubkraft Lift N	Werkstoff Material	Beschichtung Coating
	D	d	H				
<b>M643001</b>	6.0	2.0	2.0	0.4	6.4	N45	NiCuNiAu
<b>M643002</b>	10.0	4.0	5.0	2.4	20.0	N42	NiCuNi
<b>M663145</b>	10.0	4.0	5.0	2.4	23.0	N48	NiCuNi
<b>M643003</b>	10.0	7.0	3.0	0.9	4.0	N45	NiCuNi
<b>M643004</b>	15.0	6.0	6.0	6.6	48.0	N42	NiCuNi
<b>M663166</b>	15.0	6.0	6.0	6.6	56.0	N48	NiCuNi
<b>M643005</b>	19.1	9.5	6.4	10.2	77.0	N42	NiCuNi
<b>M643006</b>	26.75	16.0	5.0	13.4	110.0	N42	NiCuNi



## Quadmagnete, Neodym

### Parallelepiped magnets, Neodymium

Werkstoff:

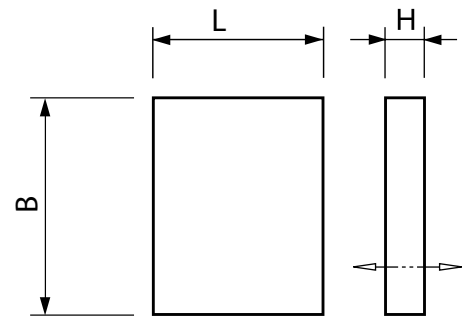
Material: **NdFeB / N48**

Temperatur: **max. 80°C, wenn  $H/B = >1$**

Temperature: **max. 80°C, if  $H/B = >1$**

Ausführung: vernickelt,  
durch Dicke magnetisiert

Execution: nickel plated,  
magnetised through thickness



Bestell-Nr. Stock number	Abmessungen Dimensions ±0.1mm			Gewicht Weight	Hubkraft Lift
	L	B	H	g	N
<b>M662002</b>	2.0	2.0	1.0	0.03	1.5
<b>M662004</b>	3.0	3.0	1.0	0.1	2.3
<b>M662008</b>	5.0	5.0	2.0	0.4	7.7
<b>M662010</b>	5.0	5.0	3.0	0.6	11.6
<b>M662012</b>	6.0	3.0	2.0	0.3	6.6
<b>M662013</b>	6.0	4.0	2.0	0.4	7.6
<b>M662014</b>	8.0	4.0	3.0	0.7	13.2
<b>M662015</b>	10.0	3.0	2.0	0.4	8.5
<b>M662016</b>	10.0	5.0	2.0	0.7	11.0
<b>M662017</b>	10.0	4.0	2.0	0.6	9.8
<b>M662018</b>	10.0	5.0	3.0	1.1	16.5
<b>M662020</b>	10.0	10.0	5.0	3.7	38.8
<b>M662022</b>	12.0	6.0	3.0	1.6	19.8
<b>M662024</b>	12.0	6.0	4.0	2.1	26.4
<b>M662025</b>	15.0	15.0	5.0	8.3	58.3
<b>M662026</b>	15.0	15.0	8.0	13.3	93.3
<b>M662028</b>	16.0	8.0	4.0	3.8	35.2
<b>M662030</b>	16.0	8.0	5.0	4.7	44.0
<b>M662031</b>	20.0	5.0	2.0	1.5	15.5
<b>M662032</b>	20.0	10.0	2.0	3.0	25.0
<b>M662034</b>	20.0	10.0	3.0	4.4	38.0
<b>M662036</b>	20.0	10.0	4.0	5.9	50.0
<b>M662038</b>	20.0	10.0	5.0	7.4	61.0
<b>M662039</b>	20.0	20.0	3.0	8.9	54.0
<b>M662041</b>	20.0	20.0	10.0	29.6	150.0
<b>M662040</b>	25.0	5.0	2.0	1.9	32.0
<b>M662046</b>	30.0	6.0	2.0	2.7	34.0
<b>M662048</b>	30.0	6.0	3.0	4.0	53.0
<b>M662054</b>	40.0	10.0	3.0	8.9	76.0
<b>M662056</b>	40.0	10.0	5.0	14.8	114.0



## Kugelmagnete, Neodym Bullet magnets, Neodymium

Werkstoff:  
Material: **NdFeB / N42**

Temperatur:  
Temperature: **max. 80°C**

Ausführung: vernickelt, magnetisiert  
Execution: nickel plated, magnetised



	Abmessungen Dimensions	Gewicht Weight	Hubkraft Lift
Bestell-Nr. Stock number	$\pm 0.1\text{mm}$ D (Kugel)	g	N
<b>M648060</b>	6.0	0.9	6.0
<b>M648080</b>	8.0	2.2	11.0

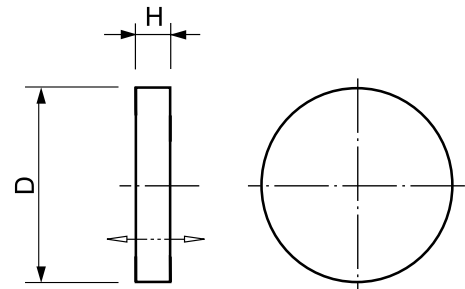


## Scheibenmagnet, Neodym Disk magnets, Neodymium

Werkstoff:  
Material: **NdFeB / N45SH**

Temperatur: **max. 150°C**, wenn  $H/D > 1$   
Temperature: **max. 150°C**, if  $H/D > 1$

Ausführung: **vernickelt und verzinkt, axial magnetisiert**  
Execution: **nickel plated and tin-plated, magnetised on-axis**



M651153

Bestell-Nr. Stock number	Abmessungen Dimensions ±0.1mm		Gewicht Weight g	Hubkraft Lift N	
	D	H			
<b>M651016</b>	1.5	1.0	0.01	0.6	vernickelt / nickel plated
<b>M651017</b>	1.5	2.0	0.03	0.8	vernickelt / nickel plated
<b>M651021</b>	2.0	1.0	0.02	1.1	vernickelt / nickel plated
<b>M651022</b>	2.0	2.0	0.05	1.5	vernickelt / nickel plated
<b>M651031</b>	3.0	1.0	0.05	1.8	
<b>M651032</b>	3.0	2.0	0.10	3.0	
<b>M651033</b>	3.0	3.0	0.16	3.2	
<b>M651039</b>	3.0	10.0	0.52	3.3	
<b>M651041</b>	4.0	1.0	0.1	2.6	
<b>M651042</b>	4.0	2.0	0.2	4.5	
<b>M651043</b>	4.0	3.0	0.3	5.6	
<b>M651044</b>	4.0	4.0	0.4	6.2	
<b>M651051</b>	5.0	1.0	0.2	3.4	
<b>M651052</b>	5.0	2.0	0.3	6.0	
<b>M651053</b>	5.0	3.0	0.4	7.9	
<b>M651054</b>	5.0	4.0	0.6	9.1	
<b>M651055</b>	5.0	5.0	0.7	9.9	
<b>M651058</b>	5.0	8.0	1.2	10.9	
<b>M651061</b>	6.0	1.0	0.2	4.1	
<b>M651062</b>	6.0	2.0	0.4	7.5	
<b>M651063</b>	6.0	3.0	0.6	10.3	
<b>M651064</b>	6.0	4.0	0.8	11.9	
<b>M651065</b>	6.0	5.0	1.0	13.2	
<b>M651081</b>	8.0	1.0	0.4	5.4	
<b>M651082</b>	8.0	2.0	0.7	10.9	
<b>M651083</b>	8.0	3.0	1.1	14.7	
<b>M651084</b>	8.0	4.0	1.5	18.5	
<b>M651085</b>	8.0	5.0	1.9	20.7	
<b>M651101</b>	10.0	1.0	0.6	7.2	
<b>M651102</b>	10.0	2.0	1.2	13.8	
<b>M651103</b>	10.0	3.0	1.7	19.6	
<b>M651104</b>	10.0	4.0	2.3	24.3	
<b>M651105</b>	10.0	5.0	2.9	29.0	
<b>M651122</b>	12.0	2.0	1.7	16.5	
<b>M651123</b>	12.0	3.0	2.5	24.5	
<b>M651124</b>	12.0	4.0	3.4	30.1	
<b>M651125</b>	12.0	5.0	4.2	35.8	
<b>M651126</b>	12.0	6.0	5.0	41.5	
<b>M651152</b>	15.0	2.0	2.6	23.7	
<b>M651153</b>	15.0	3.0	3.9	31.2	
<b>M651154</b>	15.0	4.0	5.2	40.5	

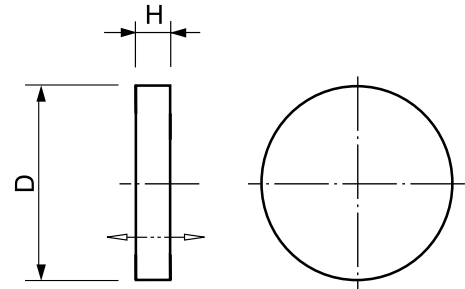


## Scheibenmagnet, Neodym Disk magnets, Neodymium

Werkstoff:  
Material: **NdFeB / N45SH**

Temperatur: **max. 150°C**, wenn  $H / D = >1$   
Temperature: **max. 150°C**, if  $H / D = >1$

Ausführung: vernickelt und verzinkt, axial magnetisiert  
Execution: nickel plated and tin-plated, magnetised on-axis



M651153

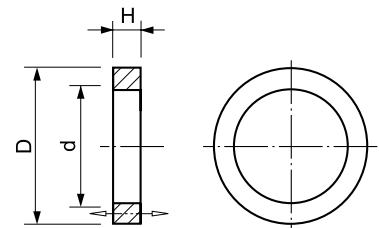
Bestell-Nr. Stock number	Abmessungen Dimensions ±0.1mm		Gewicht Weight g	Hubkraft Lift N
	D	H		
<b>M651155</b>	15.0	5.0	6.5	47.6
<b>M651158</b>	15.0	8.0	10.5	67.4
<b>M651202</b>	20.0	2.0	4.7	33.1
<b>M651203</b>	20.0	3.0	7.0	41.6
<b>M651204</b>	20.0	4.0	9.3	54.9
<b>M651205</b>	20.0	5.0	11.6	68.3
<b>M651210</b>	20.0	10.0	23.3	115.5
<b>M651253</b>	25.0	3.0	10.9	59.4
<b>M651254</b>	25.0	4.0	14.5	70.0
<b>M651255</b>	25.0	5.0	18.2	86.7

## Ringmagnete, Neodym Ring magnets, Neodymium

Werkstoff:  
Material: **NdFeB / N45SH**

Temperatur: **max. 150°C**, wenn  $H / (D-d) = >0.5$   
Temperature: **max. 150°C**, if  $H / (D-d) = >0.5$

Ausführung: vernickelt und verzinkt, axial magnetisiert  
Execution: nickel plated and tin-plated, magnetised on-axis



M653145

Bestell-Nr. Stock number	Abmessungen Dimensions ±0.1mm			Gewicht Weight g	Hubkraft Lift N
	D	d	H		
<b>M653145</b>	10	4	5	2.4	45.8
<b>M653166</b>	15	6	6	6.6	95.0

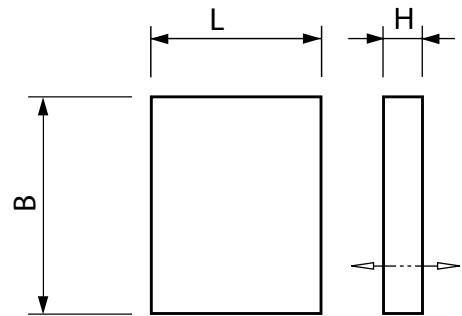


## Quadmagnete, Neodym Parallelepiped magnets, Neodymium

Werkstoff:  
Material: **NdFeB / N45SH**

Temperatur: **max. 150°C**, wenn  $H/B = >1$   
Temperature: **max. 150°C**, if  $H/B = >1$

Ausführung: vernickelt und verzinkt, durch Dicke magnetisiert  
Execution: nickel plated and tin-plated, magnetised through thickness



Bestell-Nr. Stock number	Abmessungen Dimensions ±0.1mm			Gewicht Weight	Hubkraft Lift	
	L	B	H	g	N	
<b>M652002</b>	2.0	2.0	1.0	0.03	1.4	vernickelt / nickel plated
<b>M652004</b>	3.0	3.0	1.0	0.1	2.1	
<b>M652008</b>	5.0	5.0	2.0	0.4	7.2	
<b>M652010</b>	5.0	5.0	3.0	0.6	10.8	
<b>M652012</b>	6.0	3.0	2.0	0.3	6.1	
<b>M652013</b>	6.0	4.0	2.0	0.4	7.0	
<b>M652014</b>	8.0	4.0	3.0	0.7	12.2	
<b>M652015</b>	10.0	3.0	2.0	0.4	7.9	
<b>M652016</b>	10.0	5.0	2.0	0.7	10.2	
<b>M652017</b>	10.0	4.0	2.0	0.6	9.1	
<b>M652018</b>	10.0	5.0	3.0	1.1	15.3	
<b>M652020</b>	10.0	10.0	5.0	3.7	36.1	
<b>M652022</b>	12.0	6.0	3.0	1.6	18.3	
<b>M652024</b>	12.0	6.0	4.0	2.1	24.5	
<b>M652025</b>	15.0	15.0	5.0	8.3	54.1	
<b>M652026</b>	15.0	15.0	8.0	13.3	85.3	
<b>M652028</b>	16.0	8.0	4.0	3.8	32.6	
<b>M652030</b>	16.0	8.0	5.0	4.7	40.8	
<b>M652031</b>	20.0	5.0	2.0	1.5	14.4	
<b>M652032</b>	20.0	10.0	2.0	3.0	21.7	
<b>M652034</b>	20.0	10.0	3.0	4.4	33.0	
<b>M652036</b>	20.0	10.0	4.0	5.9	43.5	
<b>M652038</b>	20.0	10.0	5.0	7.4	53.0	
<b>M652039</b>	20.0	20.0	3.0	8.9	47.0	
<b>M652041</b>	20.0	20.0	10.0	29.6	130.0	
<b>M652040</b>	25.0	5.0	2.0	1.9	27.5	
<b>M652046</b>	30.0	6.0	2.0	2.7	29.5	
<b>M652048</b>	30.0	6.0	3.0	4.0	47.0	
<b>M652054</b>	40.0	10.0	3.0	8.9	66.0	
<b>M652056</b>	40.0	10.0	5.0	14.8	98.0	

