

Magnetic Bases / Shaft Mounts Built-In Spring / Shaft Mounts / Dial Mounts

Magnetic Bases

MGNBS No. 20 **No. 40, 80, 100**

Name of Parts	Material	Surface Treatment
Main Body	1018 Carbon Steel or Equivalent	Coating Finish
Magnet	Neodymium Iron Boron Magnets	—
Knob	ABS	—

⚠ Due to the wrinkle paint finish, dim. tolerance will be $+1.5_0$
 ⚠ Do not attach magnetic objects.

Part Number		Attraction Force N	A	B	L	(H)	C	D	M (Coarse)	Weight (g)
Type	No.									
MGNBS	20	200	30	30	30	25	9	—	M6	200
	40	400	42	41	42	34	10	8	M8	400
	80	800	42	41	62					700
	100	1000	42	41	73					800

Shaft Mounts Built-In Spring

KSHL D12-16-20 **D10**

Name of Parts	Material	Surface Treatment
Main Body	1045 Carbon Steel or Equivalent	Black Oxide

Part Number		d ₁		d ₂	P	F	H	S	V	T	W
Type	D _{H9}	Diameter	Tolerance								
KSHL	10	8	$+0.036_0$	6	18.4	28	30	13	14	5	14
	12	10	H9 $+0.036_0$		24	26	35	16	20	8	20
	16	12	H9 $+0.043_0$	27.5	32	40	22	22	8	28	
	20	12	H9 $+0.052_0$	38.5	40	50	28	28	10	30	

Shaft Mounts

MGNBSH D=10, 12 **D=16**

Name of Parts	Material	Surface Treatment
D=10, 12	W1-8 Tool Steel	Black Oxide
D=16	1213 Carbon Steel	Black Oxide
Knob	ABS	—

Dial Mounts

MGNBSD

Name of Parts	Material	Surface Treatment
Ø10	W1-8 Tool Steel	Black Oxide
Main Body and Mounting Screw	1213 Carbon Steel	Black Oxide
Knob	ABS	—

Part Number	D	P	Weight (g)
MGNBSH	10	14	50
	12		
	16	14	100
	12		

Part Number	Weight (g)
MGNBSD	70

Application Example Dial Mounts Example of Use

Part Number Example

Part Number - D,
 MGNBS80
 KSHL12
 MGNBSH12 - 8
 MGNBSD

Indicator Fittings / Dial Holders

Indicator Fittings

MGNBSK

Main Body of Fitting

Name of Parts	Material	Surface Treatment	Accessory
Main Body of Fitting	1213 Carbon Steel	Black Oxide	Reducer 1Pc. (For conversion from Ø8 to Ø6)
Holder	W1-8 Tool Steel	Black Oxide	
Knob	ABS	—	

Holder

Example

The angle of the tip can be adjusted by turning the knurled screw.

Part Number	Weight (g)
MGNBSK	170

Dial Holders

DGHL1

Name of Parts	Material	Surface Treatment	
Dial Holders	SUP6 (Spring Steel)	Knob	Collet
		Chrome Plating	Sand Blast Finish

Example

Part Number Example

Part Number
 MGNBSK
 DGHL1

Application Example