

Proximity Sensor Brackets / Sensor Flags / Sensor Flag Brackets

Features: Can be used in combination with Rails for Switch and Sensor – Aluminum (No. 4). Refer to P.2170–2177.

Proximity Sensor Brackets

SBRK

Material: 6063 Aluminum Alloy
Surface Treatment: Clear Anodize

Part Number		M	M x P (Fine)
Type	No.	8	8 x 1.0
SBRK	4	12	12 x 1.0

Part Number Example: **SBRK4 - 8**

Sensor Flags

Round Pole
DGSF
KDGFS

Fully Threaded Type
DGM
KDGM

Fully Threaded Compact Flange
DGMS
KDGMS

Type	Material	Surface Treatment
Round Pole	1045 Carbon Steel or Equivalent	—
Fully Threaded Type		Black Oxide
Full Thread Compact Flange		Black Oxide

Part Number		L	D	W
Type	M (Coarse)	5 mm Increment		
Round Pole	10	50–500	10	8
DGSF	12		12	10
KDGFS	16	50–600	16	12

Part Number		L
Type	M (Coarse)	5 mm Increment
Fully Threaded Type	10	50–400
DGM	12	
KDGM	16	

Part Number		L	S	W
Type	M (Coarse)	5 mm Increment	1 mm Increment	
Fully Threaded Compact Flange	10	50–400	0 ≤ S ≤ L–10	8
DGMS	12			10
KDGMS	16			14

Part Number Example: **DGSF10 - 150**
DGMS16 - 300 - 100

Sensor Flag Bracket

DSB

Material: 1018 Carbon Steel or Equivalent
Surface Treatment: Black Oxide

Part Number		M (Coarse)
Type		10
DSB		12
		16

Part Number Example: **DSB12**

Proximity Sensor Flags

Set Screw / Slit

Set Piece included type newly added.

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Proximity Sensor Flags – Set Screw

Shaft Bore	Type	Material	Surface Treatment	Accessories
Disc Sensor with a Through Hole	DSS	1045 Carbon Steel or Equivalent	Black Oxide	Set Screw 2 Pcs.
Disc Sensor with a Tapped Hole	DMG / DMGFS			Set Screw 2 pcs. / Brass Ball 2 pcs.

Disc Sensor with Through Hole & Set Screws **DSS**

Disc Sensor with Tapped Hole & Set Screw **DMG** (With Brass Ball)

Stepped Sensor with Tapped Hole & Set Screw **DMGFS** (With Brass Ball) 6.3/

Part number is not applicable.

Flat Sensor with Through Hole and Set Screw

Part Number		d
Type	D	
DSS	25	8
	30	10
	40	12
	50	16

Part Number Example: **DSS 25 - 8**

Flat Sensor with Tapped Hole and Set Screw

Part Number		M (Coarse)
Type	D	
DMG	25	8
	30	8
	40	10
	50	12
DMGFS	40	12
	50	16

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Proximity Sensor Flags – Slit

Type	Material	Surface Treatment	Accessories
DSG / DMS / DMSL	1045 Carbon Steel or Equivalent	Black Oxide	Hex Socket Head Cap Screw 1pc.

Disc Sensor with Through Hole & Slit **DSG**

Disc Sensor with Tapped Hole & Slit **DMS**

Disc Sensor with Tapped Hole & Slit, Deep C-Bore **DMSL** 6.3/

Disc Sensor with Through Hole & Slit

Part Number		d	M ₁ (Coarse)	A	X	Y
Type	D					
DSG	30	10	M5	9.0	6	6
	40	12		14.0	7	8
	50	16		16.5	10	10

Disc Sensor with a Tapped Hole & Slit

Part Number		M (Coarse)	M ₁ (Coarse)	A	X	Y
Type	D					
DMS	30	10	M5	9.0	6	6
	40	12		14.0	7	8
	50	16		16.5	10	10
DMSL	50	12	M6	15.5	10	6

Part Number Example: **DSG 40 - 16**
DMS 30 - 10

Application Example

