

10	10 m
20	20 m
30	30 m

## ***Flexible Couplings***



### ***Description***

High performance flexible couplings are used to connect two shafts, and help to reduce the effects of misalignment between the shafts. Flexible couplings are offered in the high performance version, with nonconductive inserts. They are of the flexible curved beam helical type with clamping screw at both ends.

### ***Specifications***

Parallel Offset	0.51 mm (0.02 in.) max.
Angular Offset	10° max.
Axial Compliance	1.58 mm (0.06 in.) max.
Construction	Aluminum with a fiberglass insert

Available cat. nos. for this encoder:

845-FC-B-B

845-FC-B-C

845-FC-B-R

845-FC-B-T

845-FC-A-B

845-FC-R-B

### ***Product Selection***

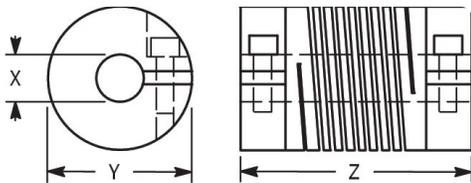
**845 – FC    B    B**  
                   a    b

<b>a</b>	
<b>Smallest Bore Diameter</b>	
Code	Description
A	1/4 inch
B	3/8 inch
R	6 mm
T	10 mm

<b>b</b>	
<b>Largest Bore Diameter</b>	
Code	Description
A	1/4 inch
B	3/8 inch
C	1/2 inch
R	6 mm
T	Hub shaft, 12 mm blind hollow shaft

**Approximate Dimensions [mm (in.)]**

**High Performance Flexible Coupling**



Dimension Code	Bore Size Code Letter				
	A	B	C	R	T
yy = Cable Length					
X	6.4 (0.25)	9.5 (0.375)	12.7 (0.50)	6	10
Y	30.56 (1.20) dia.				
Z	32 (1.25) long				

<p><b>ATTENTION</b></p>	<p>The shielded cables, output devices, and power supplies must be properly grounded. All National Electric Code and applicable local codes and ordinances must be observed when wiring the system.</p>
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**Flexible Shaft Couplings**