

# MOLDED UNIVERSAL JOINTS • SINGLE JOINT

# SDP/SI

ELECTRICALLY INSULATING

PHONE: 516.328.3300 • FAX: 516.326.8827 • WWW.SDP-SI.COM

**> MATERIAL:**

Body - Molded Acetal  
Spider & Insert - Nickel Plated Brass

**> MAX. OPERATING TEMPERATURE:**

+85°C

**> SPECIFICATION:**

Max. Angular Displacement: 45°

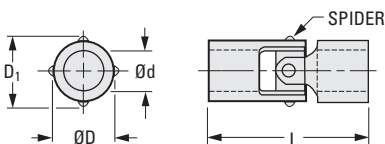
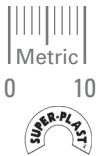


Fig. 1 Plain

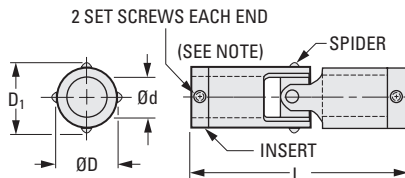
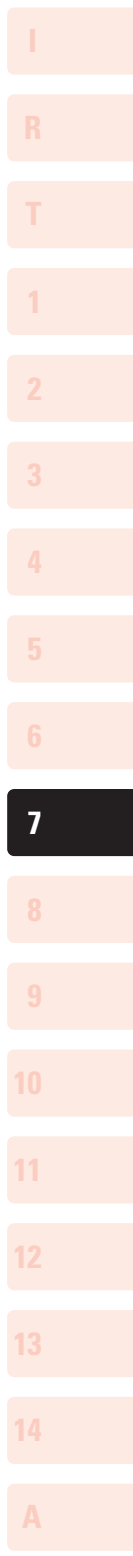


Fig. 2 With Insert

## METRIC COMPONENT

Catalog Number	D Dia.	d Bore 0 -0.05	Bore Depth (Typ)	L Overall Length	D <sub>1</sub>	Set Screw	Max. Torque N • m
<b>Fig. 1 Plain</b>							
A 5T 8MD203	6.3	3	5.8	19	6.9	—	0.57
A 5T 8MD204		4					
A 5T 8MD304	9.5	4	8.6	28.6	10.4	—	1.8
A 5T 8MD306		6					
A 5T 8MD406	12.7	6	10.6	35.6	13.8	—	2.9
A 5T 8MD408		8					
A 5T 8MD506	15.9	6	14.7	52.7	17	—	6.8
A 5T 8MD508		8					
A 5T 8MD510		10					
<b>Fig. 2 With Insert</b>							
A 5Z 8MD202	6.3	*2	9.9	26.6	6.9	M3	0.57
A 5Z 8MD203		*3					
A 5Z 8MD303	9.5	*3	13.2	37.5	10.4	M3	1.8
A 5Z 8MD304		4					
A 5Z 8MD404	12.7	*4	16	46.1	13.8	M3	2.9
A 5Z 8MD406		6					
A 5Z 8MD506	15.9	6	21.8	66.9	17	M4	6.8
A 5Z 8MD508		8					

\*NOTE: One set screw each end.



# MOLDED UNIVERSAL JOINTS • DOUBLE JOINT

# SDP/SI

ELECTRICALLY INSULATING

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**> MATERIAL:**

Body - Molded Acetal  
Spider & Insert - Nickel Plated Brass

**> MAX. OPERATING TEMPERATURE:**

+85°C

**> SPECIFICATIONS:**

Max. Angular Displacement: 90°

d Bore Tolerance:  
Fig. 1 Plain: 0/-0.05  
Fig. 2 With Insert: +0.025/0

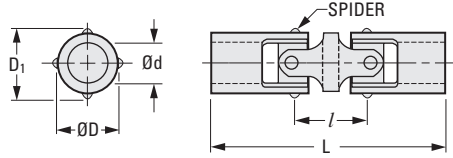
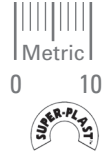


Fig. 1 Plain

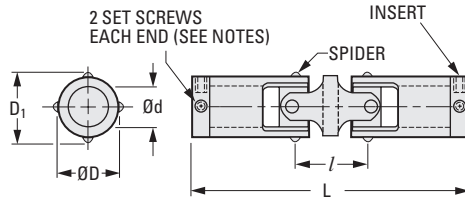


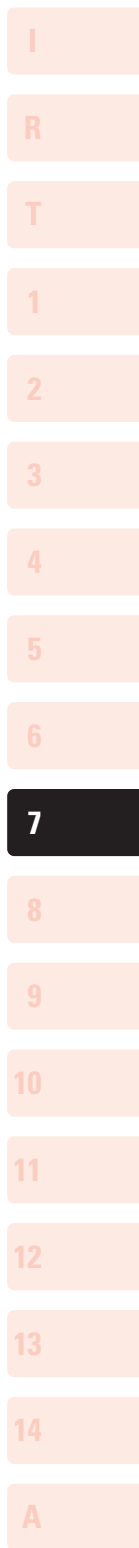
Fig. 2 With Insert

## METRIC COMPONENT

Catalog Number	D Dia.	d Bore	Bore Depth (Typ)	L Overall Length	D <sub>1</sub>	l	Set Screw	Max. Torque N • m	Max. Parallel Offset
<b>Fig. 1 Plain</b>									
A 5T 8MDD203	6.3	3	5.8	27	6.9	8	—	0.3	5.6
A 5T 8MDD204		4							
A 5T 8MDD304	9.5	4	8.6	41.9	10.4	13.3	—	0.8	9.1
A 5T 8MDD306		6							
A 5T 8MDD406	12.7	6	10.6	51.3	13.8	15.7	—	1.4	10.9
A 5T 8MDD408		8							
A 5T 8MDD506	15.9	6	14.7	74.9	17	22.3	—	5.3	15.5
A 5T 8MDD508		8							
A 5T 8MDD510		10							
<b>Fig. 2 With Insert</b>									
A 5Z 8MDD202	6.3	*2	9.9	34.6	6.9	8	M3	0.3	5.6
A 5Z 8MDD203		*3							
A 5Z 8MDD303	9.5	*3	13.2	50.8	10.4	13.3	M3	0.8	9.1
A 5Z 8MDD304		4							
A 5Z 8MDD404	12.7	*4	16	61.8	13.8	15.7	M3	1.4	10.9
A 5Z 8MDD406		6							
A 5Z 8MDD506	15.9	6	21.8	89.2	17	22.3	M4	5.3	15.5
A 5Z 8MDD508		8							

\*NOTE: One set screw each end.

7-18  
D815



# MOLDED UNIVERSAL JOINTS • TELESCOPING

# SDP/SI

WITH MOLDED SLIDE EXTENSION  
PLAIN OR WITH INSERT  
9.5 O.D.

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► **MATERIAL:**

**Body** - Molded Acetal  
**Spider & Insert** - Nickel Plated Brass

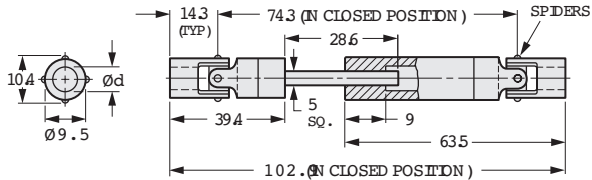
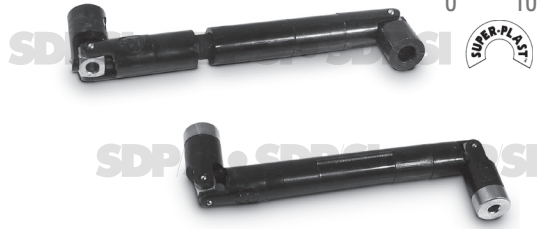
► **MAX. OPERATING TEMPERATURE:**

+85°C

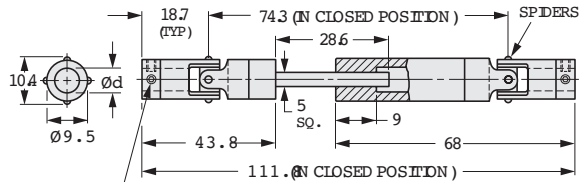
► **SPECIFICATIONS:**

**Max. Angular Displacement:** 90°

**ΔMax. Recommended Extension:** 19 mm



**Fig. 1 Plain**



2 SET SCREWS  
EACH END  
(SEE NOTE)

**Fig. 2 With Insert**

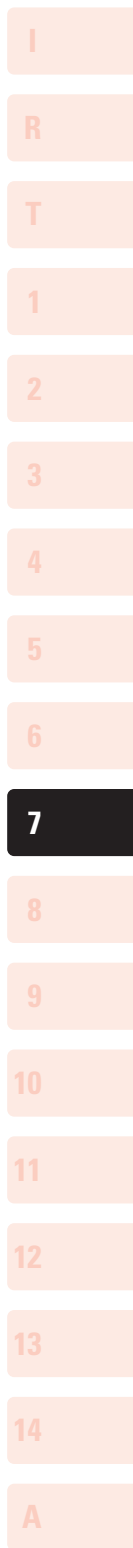
## METRIC COMPONENT

Catalog Number	d Bore	Bore Tol.	Bore Depth (Typ)	Set Screw	Max. Recommended Torque N•m	
					Closed	Open <sup>Δ</sup>
<b>Fig. 1 Plain</b>						
A 5T 8MSE304	4	0/-0.05	8.6	—	0.9	0.5
A 5T 8MSE306	6					
<b>Fig. 2 With Insert</b>						
A 5Z 8MSE303	*3	+0.025/0	13.2	M3	0.9	0.5
A 5Z 8MSE304	4					

\*NOTE: One set screw each end.

7-20  
D815

REVISED:  
05/19/23



# MOLDED UNIVERSAL JOINTS • TELESCOPING

# SDPSI

WITH MOLDED SLIDE EXTENSION  
PLAIN OR WITH INSERT  
12.7 O.D.

PHONE: 516.328.3300 • FAX: 516.326.8827 • WWW.SDPSI.COM



- > **MATERIAL:**  
**Body** - Molded Acetal  
**Spider & Insert** - Nickel Plated Brass
- > **MAX. OPERATING TEMPERATURE:**  
 +85°C
- > **SPECIFICATIONS:**  
**Max. Angular Displacement:** 90°  
**\*Max. Recommended Extension:** 19 mm

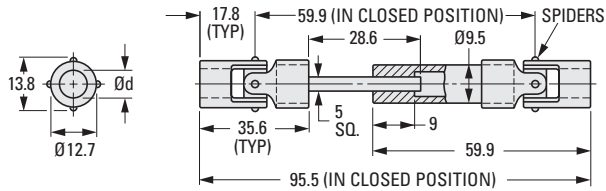


Fig. 1 Plain

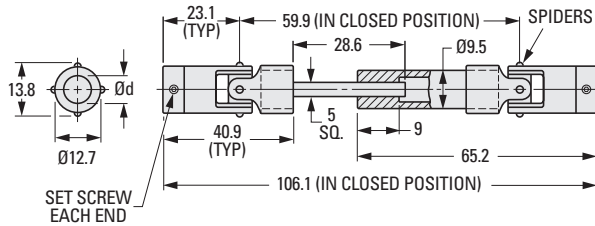


Fig. 2 With Insert

## METRIC COMPONENT

Catalog Number	d Bore	Bore Tol.	Bore Depth (Typ)	Set Screw	Max. Recommended Torque N • m	
					Closed	Open*
<b>Fig. 1 Plain</b>						
A 5T 8MSE406	6	0/-0.05	10.6	—	1.6	1.1
A 5T 8MSE408	8					
<b>Fig. 2 With Insert</b>						
A 5Z 8MSE404	4	+0.025/0	16	M3	1.6	1.1
A 5Z 8MSE406	**6					

\*\*NOTE: Two set screws each end.

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