

SCT / SCTS 開縫型 / 止付螺絲固定式 / 撓性聯軸器

Slitted / Set screw tyep / Flexible coupling



◆ 材質 Material

SCT 系列：鋁合金 Aluminum alloy
SCTS 系列：不銹鋼 Stainless steel

型號表示 Produce No

SCT-20 – $\phi 5 \times \phi 5$

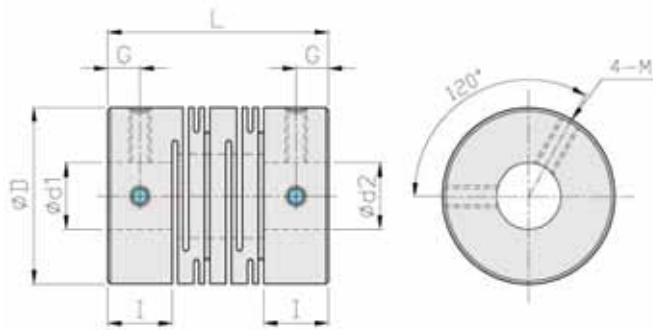
型號 Type 孔徑 Inside dia

◆ 表面處理 Surface Treatment

SCT：陽極處理 Anodizing standard white

◆ 特性 Features

- 一體成型
- 零背隙
- 剛性大
- 適合譯碼器、小馬力傳動機構、高精密傳動上
- 偏角誤差較佳
- 不銹鋼材質扭力較佳
- 固定方式：止付螺絲固定式
- One-body shape
- Zero backlash
- Suitable for encoder, low horsepower transmission bodies and high precision transmission mechanism
- High deflection
- Torque in SUS is better
- Fixed mode: Set screw type



▶ 尺寸 Dimension

單位 / unit : mm

Catalog Number 型號	D	I	L	G	M	d1xd2 標準孔徑 (H7)		Mass 重量 (g)
						Min	Max	
SCT-8	8	3.5	14.0	1.7	M2	2	4	1.3
SCT-12	12	5.0	18.5	2.5	M2.5	3	6	4.5
SCT-16	16	6.5	23.0	3.0	M3	4	8	9.5
SCT-20	20	7.5	26.0	3.5	M4	5	10	18.0
SCT-25	25	8.5	31.0	4.0	M4	5	12	33.0
SCT-32	32	12.0	41.0	6.0	M5	6	14	80.0
SCT-40	40	16	56.0	8.0	M5	8	20	170.0
SCT-50	50	18	71.0	9	M6	12	25	300.0
SCT-63	63	22	90.0	11	M8	15	35	470.0
SCTS-12	12	5	18.5	2.5	M2.5	3	6	14.0
SCTS-16	16	6.5	23.0	3.0	M3	4	8	30.0
SCTS-20	20	7.5	26.0	3.5	M4	5	10	50.0
SCTS-25	25	8.5	31.0	4.0	M4	6	12	100.0
SCTS-32	32	12	41.0	6.0	M5	6	14	220.0
SCTS-40	40	16	56.0	8.0	M5	8	20	480.0
SCTS-50	50	18	71.0	9	M6	12	25	700.0
SCTS-63	63	22	90.0	11	M8	15	35	1300.0

▶ 性能 Specifications

單位 / unit : mm

Catalog Number 型號	Rated Torque 一般扭力 (N.m)	Max. Torque 最大扭力 (N.m)	Max. Rotational Frequency 最高迴轉速 (Rpm/min)	Moment of Inertia 慣性 (kg.m ²)	Errors of Eccentricity 容許偏心 (mm)	Errors of Angularity 容許偏角 (°)	Errors of Shaft End-play 容許軸向位差 (mm)
SCT-8	0.1	0.2	48000	1.2x10 ⁻⁸	0.10	2	±0.2
SCT-12	0.2	0.4	32000	8.3x10 ⁻⁸	0.10	2	±0.3
SCT-16	0.3	0.6	24000	3.3x10 ⁻⁷	0.10	2	±0.4
SCT-20	0.5	1.0	19000	9.0x10 ⁻⁷	0.10	2	±0.4
SCT-25	1.0	2.0	15000	2.6x10 ⁻⁶	0.15	2	±0.5
SCT-32	2.0	4.0	12000	9.6x10 ⁻⁶	0.15	2	±0.5
SCT-40	5.0	10.0	9600	3.2x10 ⁻⁵	0.20	2	±0.5
SCT-50	10.0	20.0	7700	1.0x10 ⁻⁴	0.20	2	±0.5
SCT-63	20.0	40.0	6100	3.2x10 ⁻⁴	0.20	2	±0.5
SCTS-12	0.3	0.6	32000	2.1x10 ⁻⁷	0.10	2	±0.3
SCTS-16	0.5	1.0	24000	8.4x10 ⁻⁷	0.10	2	±0.3
SCTS-20	1.0	2.0	19000	2.4x10 ⁻⁶	0.10	2	±0.3
SCTS-25	2.0	4.0	15000	6.8x10 ⁻⁶	0.15	2	±0.4
SCTS-32	3.5	7.0	12000	2.6x10 ⁻⁵	0.15	2	±0.5
SCTS-40	8.0	16.0	9600	8.7x10 ⁻⁵	0.20	2	±0.5
SCTS-50	15.0	30.0	7700	2.7x10 ⁻⁴	0.20	2	±0.5
SCTS-63	35.0	70.0	6100	8.4x10 ⁻⁴	0.20	2	±0.5

▶ 標準孔徑 Stock Bores

單位 / unit : mm

Catalog Number 型號	Stock Bores 標準孔徑 d1xd2 (公差 H7)													
	2	3	4	5	6	6.35	8	9.525	10	12	14	15	16	18
SCT-8	✓	✓	✓											
SCT-12		✓	✓	✓	✓									
SCT-16			✓	✓	✓	✓	✓							
SCT-20				✓	✓	✓	✓	✓	✓					
SCT-25				✓	✓	✓	✓	✓	✓	✓				
SCT-32					✓	✓	✓	✓	✓	✓	✓			
SCT-40							✓		✓	✓	✓	✓	✓	
SCT-50										✓	✓	✓	✓	✓
SCT-63												✓	✓	✓
SCTS-12		✓	✓	✓	✓									
SCTS-16			✓	✓	✓	✓	✓							
SCTS-20				✓	✓	✓	✓	✓	✓					
SCTS-25					✓	✓	✓	✓	✓	✓				
SCTS-32					✓	✓	✓	✓	✓	✓	✓			
SCTS-40							✓		✓	✓	✓	✓	✓	✓
SCTS-50										✓	✓	✓	✓	✓
SCTS-63												✓	✓	✓

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聯軸器