

SCT-C / SCTS-C 開縫型 / 夾緊式 / 撓性聯軸器

Slitted / Clamp type / Flexible coupling



◆ 材質 Material

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

型號表示 Produce No

SCT-20C – $\phi 5 \times \phi 5$

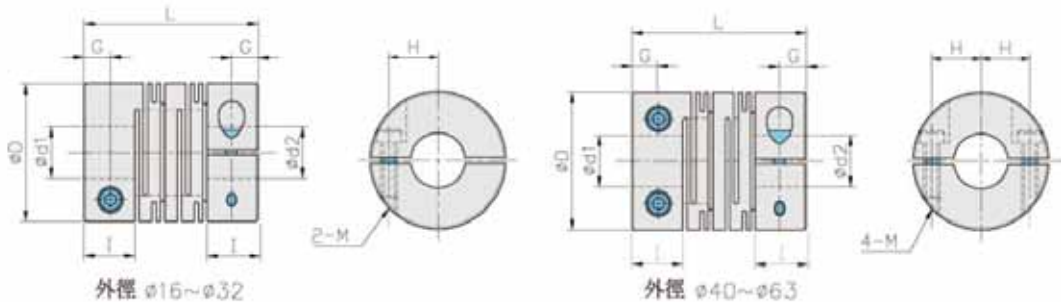
型號 Type 孔徑 Inside dia

◆ 表面處理 Surface Treatment

SCT-C：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：夾緊式
- 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: Clamp type



▶ 尺寸 Dimension

單位 / unit : mm

Catalog Number 型號	D	I	L	G	H	M	d1xd2 標準孔徑 (H7)		Mass 重量 (g)
							Min	Max	
SCT-12C	12	5.0	18.5	2.5	4.0	M2	3	5	3.6
SCT-16C	16	6.5	23.0	3.25	5.0	M2.5	4	6	9.2
SCT-20C	20	7.5	26.0	3.7	6.5	M3	4	8	16.0
SCT-25C	25	8.5	31.0	4.25	8.5	M3	5	10	30.0
SCT-32C	32	12.0	41.0	6.0	11.0	M4	6	14	73.0
SCT-40C	40	16.0	56.0	8.0	14.0	M5	8	16	160.0
SCT-50C	50	18.0	71.0	9.0	18.0	M6	12	22	290.0
SCT-63C	63	22.0	90.0	12.0	24.0	M8	14	35	530.0
SCTS-12C	12	5.0	18.5	2.5	4.0	M2	3	5	10.0
SCTS-16C	16	6.5	23.0	3.25	5.0	M2.5	4	6	30.0
SCTS-20C	20	7.5	26.0	3.75	6.5	M3	5	8	49.0
SCTS-25C	25	8.5	31.0	4.25	8.5	M3	6	10	92.0
SCTS-32C	32	12.0	41.0	6.0	11.0	M4	8	14	218.0
SCTS-40C	40	16.0	56.0	8.0	14.0	M5	8	16	470.0
SCTS-50C	50	18.0	71.0	9.0	18.0	M6	12	22	750.0
SCTS-63C	63	22.0	90.0	13.0	24.0	M8	14	35	1400.0

▶ 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-12C	0.2	0.4	12000	7.8x10 ⁻⁸	0.10	2	±0.3
SCT-16C	0.3	0.6	9500	3.4x10 ⁻⁷	0.10	2	±0.4
SCT-20C	0.5	1.0	7600	9.1x10 ⁻⁷	0.10	2	±0.4
SCT-25C	1.0	2.0	6100	2.6x10 ⁻⁶	0.15	2	±0.5
SCT-32C	2.0	4.0	4800	9.7x10 ⁻⁶	0.15	2	±0.5
SCT-40C	5.0	10.0	3800	3.3x10 ⁻⁵	0.20	2	±0.5
SCT-50C	10.0	20.0	3100	1.0x10 ⁻⁴	0.20	2	±0.5
SCT-63C	20.0	40.0	2400	3.2x10 ⁻⁴	0.20	2	±0.5
SCTS-12C	0.3	0.6	12000	2.2x10 ⁻⁷	0.10	2	±0.2
SCTS-16C	0.5	1.0	9500	9.0x10 ⁻⁷	0.10	2	±0.3
SCTS-20C	1.0	2.0	7600	2.5x10 ⁻⁶	0.10	2	±0.3
SCTS-25C	2.0	4.0	6100	7.1x10 ⁻⁶	0.15	2	±0.4
SCTS-32C	3.5	7.0	4800	2.7x10 ⁻⁵	0.15	2	±0.5
SCTS-40C	8.0	16.0	3800	9.0x10 ⁻⁵	0.20	2	±0.5
SCTS-50C	15.0	30.0	3100	2.8x10 ⁻⁴	0.20	2	±0.5
SCTS-63C	35.0	70.0	2400	8.8x10 ⁻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-12C		✓	✓	✓										
SCT-16C			✓	✓	✓	✓								
SCT-20C			✓	✓	✓	✓	✓							
SCT-25C				✓	✓	✓	✓	✓	✓					
SCT-32C							✓		✓	✓	✓			
SCT-40C							✓		✓	✓	✓	✓	✓	
SCT-50C										✓	✓	✓	✓	✓
SCT-63C											✓	✓	✓	✓
SCTS-12C		✓	✓	✓										
SCTS-16C			✓	✓	✓	✓								
SCTS-20C				✓	✓	✓	✓							
SCTS-25C					✓	✓	✓	✓	✓					
SCTS-32C							✓		✓	✓	✓			
SCTS-40C							✓		✓	✓	✓	✓	✓	
SCTS-50C										✓	✓	✓	✓	✓
SCTS-63C											✓	✓	✓	✓

SOAR
聯軸器