

SCT-C 開縫型 / 夾緊式 / 撓性聯軸器

SCTS-C SLITTED / CLAMP TYPE / FLEXIBLE COUPLING

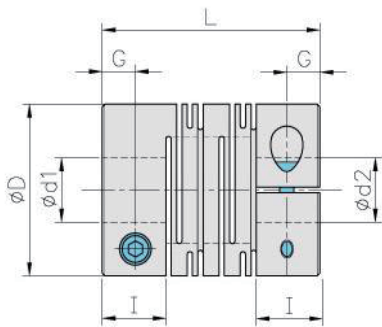


材質 | Material  
SCT-C 系列-鋁合金 Aluminum alloy  
SCTS-C 系列-不銹鋼 Stainless steel

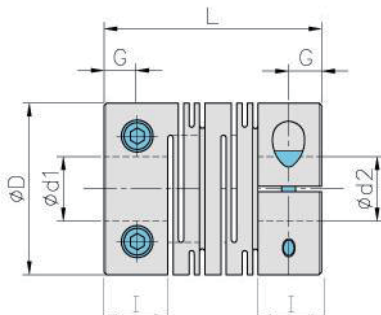
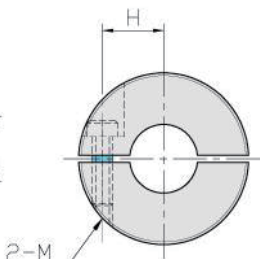
表面處理 | Surface Treament  
SCT-C 陽極處理 Anodizing standard white

- 特性 | Features
- 1. 一體成型
  - 2. 零背隙
  - 3. 剛性大
  - 4. 適合譯碼器、小馬力傳動機構、高精密傳動上
  - 5. 偏角誤差較佳
  - 6. 不銹鋼材質扭力較佳
  - 7. 固定方式：夾緊式
- One-body shape
  - Zero backlash
  - High rigid
  - Suitable for encoder、low horsepower transmission bodies and high precision transmission mechanism.
  - High deflection
  - Torque in SUS is better
  - Fixed mode：Clamp type

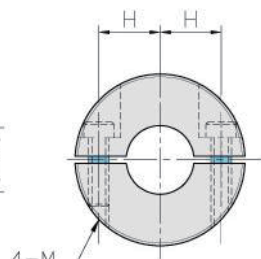
型號表示 | Product NO  
**SCT-20C-**  $\varnothing 5 \times \varnothing 5$   
型號 / Type      孔徑 / Inside dia



外徑  $\varnothing 16 \sim \varnothing 32$



外徑  $\varnothing 40 \sim \varnothing 63$



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	3.75	6.5	M3	4	8	16.0
SCT-25C	25	8.5	31.0	4.25	9.0	M3	5	10	28.0
SCT-32C	32	12.0	41.0	6.0	11.0	M4	6	14	64.0
SCT-40C	40	15.0	56.0	8.5	14.0	M5	8	16	140.0
SCT-50C	50	18.0	71.0	10.5	18.0	M6	12	22	270.0
SCT-63C	63	22.0	90.0	13.0	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	25.0
SCTS-20C	20	7.5	26.0	3.75	6.5	M3	5	8	43.0
SCTS-25C	25	8.5	31.0	4.25	9.0	M3	6	10	78.0
SCTS-32C	32	12.0	41.0	6.0	11.0	M4	8	14	170.0
SCTS-40C	40	15.0	56.0	8.5	14.0	M5	8	16	370.0
SCTS-50C	50	18.0	71.0	10.5	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 最高回轉速 (Rpm/min)	Moment* of Inertia 慣性 (Kg · m <sup>2</sup> )	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)
<b>SCT-12C</b>	0.2	0.4	12000	7.8x10 <sup>-8</sup>	0.10	2	± 0.3
<b>SCT-16C</b>	0.3	0.6	9500	3.4x10 <sup>-7</sup>	0.10	2	± 0.4
<b>SCT-20C</b>	0.5	1.0	7600	9.1x10 <sup>-7</sup>	0.10	2	± 0.4
<b>SCT-25C</b>	1.0	2.0	6100	2.6x10 <sup>-6</sup>	0.15	2	± 0.5
<b>SCT-32C</b>	2.0	4.0	4800	9.7x10 <sup>-6</sup>	0.15	2	± 0.5
<b>SCT-40C</b>	5.0	10.0	3800	3.3x10 <sup>-5</sup>	0.20	2	± 0.5
<b>SCT-50C</b>	10.0	20.0	3100	1.0x10 <sup>-4</sup>	0.20	2	± 0.5
<b>SCT-63C</b>	20.0	40.0	2400	3.2x10 <sup>-4</sup>	0.20	2	± 0.5
<b>SCTS-12C</b>	0.3	0.6	12000	2.2x10 <sup>-7</sup>	0.10	2	± 0.2
<b>SCTS-16C</b>	0.5	1.0	9500	9.0x10 <sup>-7</sup>	0.10	2	± 0.3
<b>SCTS-20C</b>	1.0	2.0	7600	2.5x10 <sup>-6</sup>	0.10	2	± 0.3
<b>SCTS-25C</b>	2.0	4.0	6100	7.1x10 <sup>-6</sup>	0.15	2	± 0.4
<b>SCTS-32C</b>	3.5	7.0	4800	2.7x10 <sup>-5</sup>	0.15	2	± 0.5
<b>SCTS-40C</b>	8.0	16.0	3800	9.0x10 <sup>-5</sup>	0.20	2	± 0.5
<b>SCTS-50C</b>	15.0	30.0	3100	2.8x10 <sup>-4</sup>	0.20	2	± 0.5
<b>SCTS-63C</b>	35.0	70.0	2400	8.8x10 <sup>-4</sup>	0.20	2	± 0.5

## SCT-C.SCTS-C 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
<b>SCT-12C</b>		●	●	●										
<b>SCTS-12C</b>		●	●	●										
<b>SCT-16C</b>			●	●	●	●								
<b>SCTS-16C</b>			●	●	●	●								
<b>SCT-20C</b>			●	●	●	●	●							
<b>SCTS-20C</b>				●	●	●	●							
<b>SCT-25C</b>				●	●	●	●	●	●					
<b>SCTS-25C</b>					●	●	●	●	●					
<b>SCT-32C</b>							●		●	●	●			
<b>SCTS-32C</b>							●		●	●	●			
<b>SCT-40C</b>							●		●	●	●	●	●	
<b>SCTS-40C</b>							●		●	●	●	●	●	
<b>SCT-50C</b>										●	●	●	●	●
<b>SCTS-50C</b>										●	●	●	●	●
<b>SCT-63C</b>											●	●	●	●
<b>SCTS-63C</b>											●	●	●	●