





Set Collars/Cross Clampers

• Cross Clamper

Product Code	FCCA/FCCS	FCCA-C/FCCS-C	FCFA/FCFS	FCTA-C/FCTS-C
Page	P.372	P.373	P.374	P.375
Shape	 Stainless Steel	 Stainless Steel <i>Recommendation</i>	 Stainless Steel <i>Recommendation</i>	 Stainless Steel
Type	Orthogonal	Orthogonal	Angle Adjustment	T-shaped
Fixing Method	Set Screw	Clamping	One-side clamping	Clamping
Applicable Shaft	Round Shaft · Square Shaft	Round Shaft · Square Shaft	Round Shaft · Square Shaft	Round Shaft · Square Shaft

• Cross Bracket

Product Code	FBCA-C/FBCS-C
Page	P.376
Shape	 Stainless Steel
Type	Side Mounting
Fixing method	Clamping
Applicable Shaft	Round Shaft · Square Shaft

• Set Collar (Standard)

Product Code	NSC	NSCS	NSCSS
Page	P.377	P.379	P.381
Shape	 Stainless Steel	 Stainless Steel	 Stainless Steel
Type	Set Screw	Clamping	Split
Bore Diameter	φ3 - φ50	φ3 - φ50	φ3 - φ50

• Set Collar (with Mounting Hole)

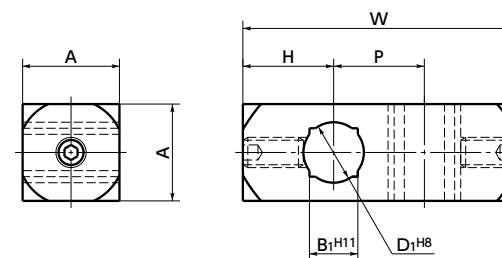
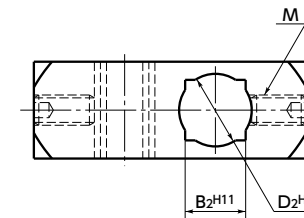
Product Code	NSC	NSCS
Page	P.383	P.384
Shape	 Stainless Steel	 Stainless Steel
Type	Set Screw	Clamping
bore diameter	φ3 - φ50	φ6 - φ50

• Set Collar (For Securing Bearings)

Product Code	NSC	NSC	NSCS	NSCS
Page	P.385	P.387	P.389	P.391
Shape	 Stainless Steel	 Stainless Steel	 Stainless Steel	 Stainless Steel
Type	Set Screw	Set Screw	Clamping	Clamping
Bore Diameter	φ3 - φ40	φ3 - φ40	φ3 - φ40	φ3 - φ40

FCCA / FCCS Cross Clamper - Set Screw Type

WEB Selection Tool WEB CAD Download SUS Stainless steel



• Material/Finish

	FCCA Made of Aluminum	FCCS Made of Stainless Steel
Main body	A6063 Barrel Polishing	SUS304 Barrel Polishing
Hex Socket Set Screw	SUSXM7	SUSXM7

RoHS2 Compliant

- The clamper joints 2 shafts with cross.
- Fix the shafts by hex socket set screws. It is superior in cost effectiveness.
- Convenient for adjustment of side guide and sensors of the conveyance line.
- Light aluminum and stainless steel with highly corrosion-resistant are standardized.
- Compatible with both round shaft and square shaft.
- All products are provided with hex socket set screw.

Part Number	Mass (g)	Part Number	Mass (g)	D1	D2	B1	B2	A	W	P	H	M (coarse)
FCCA-8-8	9	FCCS-8-8	27	8	8			12	32	10	11	M4
FCCA-8-10	16	FCCS-8-10	48	8	10		8	14	40	12	14	M4
FCCA-10-10	15	FCCS-10-10	45	10	10	8	8	14	40	12	14	M4
FCCA-10-12	23	FCCS-10-12	68	10	12	8	10	16	45	15	15	M5
FCCA-12-12	21	FCCS-12-12	63	12	12	10	10	16	45	15	15	M5
FCCA-10-15	41	FCCS-10-15	120	10	15	8	12	19	55	19	18	M5
FCCA-12-15	39	FCCS-12-15	115	12	15	10	12	19	55	19	18	M5
FCCA-15-15	35	FCCS-15-15	105	15	15	12	12	19	55	19	18	M5
FCCA-12-20	79	FCCS-12-20	235	12	20	10	16	25	64	24	20	M6
FCCA-15-20	75	FCCS-15-20	222	15	20	12	16	25	64	24	20	M6
FCCA-20-20	66	FCCS-20-20	194	20	20	16	16	25	64	24	20	M6

• Usage example

In combination with plastic clamp lever **LEMS** (→ P.271) and scale sticker **FSS** (→ P.429).



• Part number specification

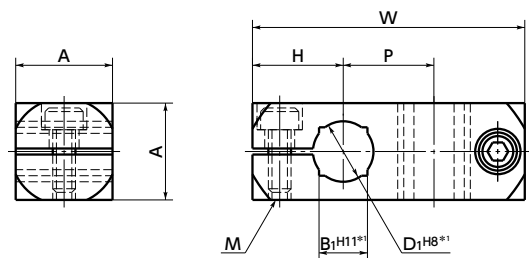
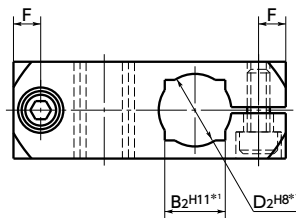
FCCA-10-15



Cleanroom Wash & Packaging → P.807 Screw Length Adjustment → P.811 Vibration Resistant → P.810 Laser Marking → P.821
Available / Add'l charge Not Available Please feel free to contact us Available / Add'l charge

FCCA-C / FCCS-C Cross Clamper - Clamping Type *Recommendation*

WEB Selection Tool WEB CAD Download SUS Stainless steel



*1: Dimensional allowance before slit machining.

● Material/Finish



	FCCA-C Made of Aluminum	FCCS-C Made of Stainless Steel
Main body	A6063 Barrel Polishing	SUS304 Barrel Polishing
Hex Socket Head Cap Screw	SUSXM7	SUSXM7 Molybdenum Disulfide Coating

Unit : mm

Part Number Aluminum	Mass (g)	Part Number Stainless steel	Mass (g)	D1*1	D2*1	B1*1	B2*1	A	W	P	H	F	M (Coarse)
FCCA-8-8-C	9	FCCS-8-8-C	26	8	8			12	32	10	11	4	M3
FCCA-8-10-C	16	FCCS-8-10-C	46	8	10		8	14	40	12	14	4.5	M4
FCCA-10-10-C	15	FCCS-10-10-C	43	10	10	8	8	14	40	12	14	4.5	M4
FCCA-10-12-C	22	FCCS-10-12-C	65	10	12	8	10	16	45	15	15	4.5	M4
FCCA-12-12-C	21	FCCS-12-12-C	61	12	12	10	10	16	45	15	15	4.5	M4
FCCA-10-15-C	39	FCCS-10-15-C	116	10	15	8	12	19	55	19	18	5.5	M5
FCCA-12-15-C	38	FCCS-12-15-C	111	12	15	10	12	19	55	19	18	5.5	M5
FCCA-15-15-C	34	FCCS-15-15-C	102	15	15	12	12	19	55	19	18	5.5	M5
FCCA-12-20-C	77	FCCS-12-20-C	229	12	20	10	16	25	64	24	20	5.5	M5
FCCA-15-20-C	73	FCCS-15-20-C	217	15	20	12	16	25	64	24	20	5.5	M5
FCCA-20-20-C	64	FCCS-20-20-C	190	20	20	16	16	25	64	24	20	5.5	M5

*1: Dimensional allowance before slit machining.

● Usage example



● Part number specification

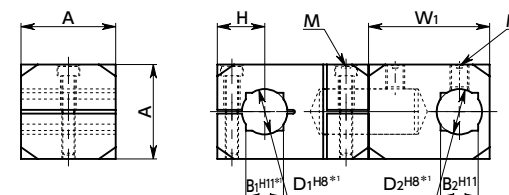
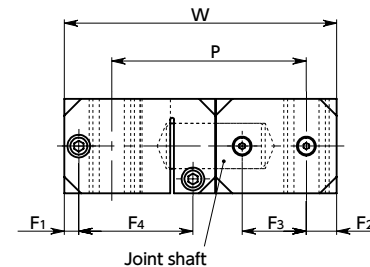
FCCS-10-15-C



Cleanroom Wash & Packaging → P.807	Screw Length Adjustment → P.811	Vibration Resistant → P.810	Laser Marking → P.821
Available / Add'l charge	Not Available	Please feel free to contact us	Available / Add'l charge

FCFA / FCFS Free Cross Clamper *Recommendation*

WEB Selection Tool WEB CAD Download SUS Stainless steel



*1: Dimensional allowance before slit machining.

- A clamper that joints 2 shafts at any angle.
- Clamping type for one side. Mounting shaft, removing shaft and angle adjustment are easy. Moreover this does not scratch the shaft.
- Convenient for fixing of side guide and sensors of the conveyance line.
- Light aluminum and stainless steel with highly corrosion-resistant are standardized.
- Compatible with both round shaft and square shaft.
- All products are provided with hex socket head cap screw and hex socket set screw.

● Material/Finish



	FCFA Made of Aluminum	FCFS Made of Stainless Steel
Main body	A6063 Barrel Polishing	SUS304 Barrel Polishing
Hex Socket Head Cap Screw	SUSXM7	SUSXM7 Molybdenum Disulfide Coating
Hex Socket Set Screw	SUSXM7	SUSXM7
Joint shaft	SUS304	SUS304

Unit : mm

Part Number Aluminum	Mass (g)	Part Number Stainless steel	Mass (g)	D1	D2	B1	B2	A	W	W1	P	H	F1	F4	F3	F2	M (coarse)	M1 (Coarse)
FCFA-8C-8	83	FCFS-8C-8	218	8	8			22	63	28	45	11	3.7	25.8	15	7	M3	M4
FCFA-10C-10	80	FCFS-10C-10	208	10	10	8	8	22	63	28	45	11	3.7	25.8	15	7	M3	M4
FCFA-12C-12	118	FCFS-12C-12	304	12	12	10	10	25	72	32	51.5	12.5	3.8	30.2	17	8	M3	M5
FCFA-15C-15	216	FCFS-15C-15	546	15	15	12	12	30	90	40	64.5	15.5	4.5	38.5	21	10	M4	M5
FCFA-20C-20	433	FCFS-20C-20	1086	20	20	16	16	38	113	50	80	20	5.5	48.5	27	13	M5	M5

● Usage example

For fixing sensor.



● Part number specification

FCFS-12C-12

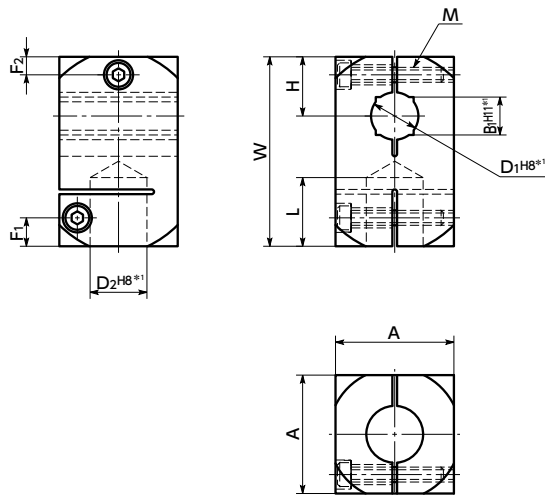


Cleanroom Wash & Packaging → P.807	Screw Length Adjustment → P.811	Vibration Resistant → P.810	Laser Marking → P.821
Available / Add'l charge	Not Available	Please feel free to contact us	Available / Add'l charge

FCTA-C / FCTS-C T-Cross Clamper



WEB Selection Tool WEB CAD Download SUS Stainless steel



- The clamper joints 2 shafts with T-shaped cross.
- Clamping Type. Mounting shaft and removing shaft are easy. Moreover this does not scratch the shaft.
- Space-saving layout is possible.
- Convenient for fixing of side guide and sensors of the conveyance line.
- Light aluminum and stainless steel with highly corrosion-resistant are standardized.
- Compatible with both round shaft and square shaft.
- All products are provided with hex socket head cap screw.

• Material/Finish RoHS2 Compliant

	FCTA-C Made of Aluminum	FCTS-C Made of Stainless Steel
Main body	A6063 Barrel Polishing	SUS304 Barrel Polishing
Hex Socket Head Cap Screw	SUSXM7	SUSXM7 Molybdenum Disulfide Coating

*1: Dimensional allowance before slit machining.

Unit: mm

Part Number Aluminum	Mass (g)	Part Number Stainless steel	Mass (g)	D1	D2	B1*1	A	W	L	H	F1	F2	M (coarse)
FCTA-8-10-C	37	FCTS-8-10-C	111	8	10		22	35	12.5	11	5.5	3.7	M3
FCTA-10-10-C	36	FCTS-10-10-C	106	10	10	8	22	35	12.5	11	5.5	3.7	M3
FCTA-12-12-C	52	FCTS-12-12-C	154	12	12	10	25	40	14.5	12.5	6	3.8	M3
FCTA-15-15-C	93	FCTS-15-15-C	276	15	15	12	30	50	18	15.5	7	4.5	M4
FCTA-20-20-C	187	FCTS-20-20-C	553	20	20	16	38	63	21.5	20	9	5.5	M5

*1: Dimensional allowance before slit machining.

• Part number specification

FCTA-15-15-C

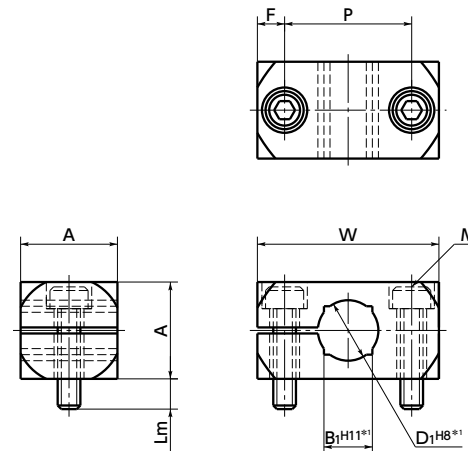


Cleanroom Wash & Packaging → P.807	Screw Length Adjustment → P.811	Vibration Resistant → P.810	Laser Marking → P.821
Available / Add'l charge	Not Available	Please feel free to contact us	Available / Add'l charge

FBCA-C / FBSC-C Cross Bracket



WEB Selection Tool WEB CAD Download SUS Stainless steel



- To joint the shaft with the side panel of a conveyance line and aluminum frame.
- It is compatible with screw diameter of groove pitch and fixing nut of the commercially available aluminum frame.
- Clamping Type. Mounting shaft and removing shaft are easy. Moreover this does not scratch the shaft.
- Mounting and fixing shaft can be performed at the same time.
- Light aluminum and stainless steel with highly corrosion-resistant are standardized.
- Compatible with both round shaft and square shaft.
- All products are provided with hex socket head cap screw.

*1: Dimensional allowance before slit machining.

• Material/Finish RoHS2 Compliant

	FBCA-C Made of Aluminum	FBSC-C Made of Stainless Steel
Main body	A6063 Barrel Polishing	SUS304 Barrel Polishing
Hex Socket Head Cap Screw	SUSXM7	SUSXM7 Molybdenum Disulfide Coating

Unit: mm

Part Number Aluminum	Mass (g)	Part Number Stainless steel	Mass (g)	M (coarse)	D1	B1	A	W	P	F	Lm
FBCA-M4-10-C	18	FBSC-M4-10-C	55	M4	10	8	16	32	20	6	4.4
FBCA-M4-12-C	25	FBSC-M4-12-C	74	M4	12	10	19	32	20	6	5.4
FBCA-M5-10-C	19	FBSC-M5-10-C	55	M5	10	8	16	32	20	6	5.4
FBCA-M5-12-C	25	FBSC-M5-12-C	75	M5	12	10	19	32	20	6	6.4
FBCA-M6-10-C	38	FBSC-M6-10-C	111	M6	10	8	19	43	30	6.5	7.5
FBCA-M6-12-C	36	FBSC-M6-12-C	106	M6	12	10	19	43	30	6.5	7.5
FBCA-M6-15-C	45	FBSC-M6-15-C	135	M6	15	12	22	43	30	6.5	6.5
FBCA-M8-10-C	89	FBSC-M8-10-C	263	M8	10	8	25	56	40	8	8.6
FBCA-M8-12-C	87	FBSC-M8-12-C	256	M8	12	10	25	56	40	8	8.6
FBCA-M8-15-C	82	FBSC-M8-15-C	244	M8	15	12	25	56	40	8	8.6
FBCA-M8-20-C	110	FBSC-M8-20-C	327	M8	20	16	30	56	40	8	8.6

• Usage example

In combination with an aluminum frame.



• Part number specification

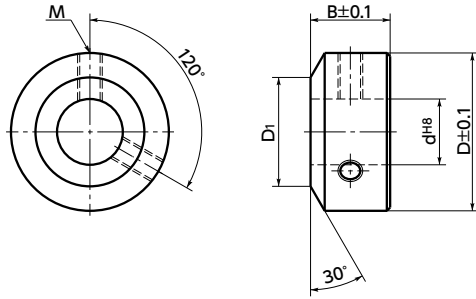
FBSC-M5-10-C



Cleanroom Wash & Packaging → P.807	Screw Length Adjustment → P.811	Vibration Resistant → P.810	Laser Marking → P.821
Available / Add'l charge	Not Available	Please feel free to contact us	Available / Add'l charge

NSC Set Collar - Set Screw Type

WEB Selection Tool WEB CAD Download SUS Stainless steel



- Standard type set collar.
- It is attached to the shaft by the set screws.
- Chamfer on one side end face is larger (bore diameter 8 mm or above).

This avoids interference of the set collar with the external wheel when the bearing is fixed.

● Material/Finish ● RoHS2 Compliant

	NSC-C	NSC-M	NSC-S
Main body	S45C Ferrosoferric Oxide Film (Black)	S45C Electroless Nickel Plating	SUS304
Hex Socket Set Screw	SCM435 Ferrosoferric Oxide Film (Black)	SUSXM7	SUSXM7



NSC-C Made of Steel, Ferrosoferric Oxide Film **NSC-M** Made of Steel, Electroless Nickel Plating
NSC-S Made of Stainless Steel

Part Number		Part Number		Part Number		d	B	D	D1	M (coarse) *1	Mass (g)
NSC-3-6-C	NSC-3-6-M	NSC-3-6-S	3	6	7					M3	1
NSC-3-8-C	NSC-3-8-M	NSC-3-8-S	3	8	7					M3	2
NSC-4-6-C	NSC-4-6-M	NSC-4-6-S	4	6	12					M4	5
NSC-4-8-C	NSC-4-8-M	NSC-4-8-S	4	8	12					M4	6
NSC-5-6-C	NSC-5-6-M	NSC-5-6-S	5	6	14					M4	6
NSC-5-8-C	NSC-5-8-M	NSC-5-8-S	5	8	14					M4	8
NSC-5-10-C	NSC-5-10-M	NSC-5-10-S	5	10	14					M4	10
NSC-6-6-C	NSC-6-6-M	NSC-6-6-S	6	6	15					M4	6
NSC-6-8-C	NSC-6-8-M	NSC-6-8-S	6	8	15					M4	9
NSC-6-10-C	NSC-6-10-M	NSC-6-10-S	6	10	16					M4	13
NSC-8-6-C	NSC-8-6-M	NSC-8-6-S	8	6	16	13				M4	6
NSC-8-8-C	NSC-8-8-M	NSC-8-8-S	8	8	16	13				M4	9
NSC-8-10-C	NSC-8-10-M	NSC-8-10-S	8	10	18	13				M4	16
NSC-10-6-C	NSC-10-6-M	NSC-10-6-S	10	6	18	16				M4	8
NSC-10-8-C	NSC-10-8-M	NSC-10-8-S	10	8	18	16				M4	10
NSC-10-10-C	NSC-10-10-M	NSC-10-10-S	10	10	20	16				M4	17
NSC-12-8-C	NSC-12-8-M	NSC-12-8-S	12	8	22	20				M4	16
NSC-12-10-C	NSC-12-10-M	NSC-12-10-S	12	10	26	20				M5	30
NSC-12-12-C	NSC-12-12-M	NSC-12-12-S	12	12	26	20				M6	36
NSC-13-8-C	NSC-13-8-M	NSC-13-8-S	13	8	22	20				M4	15
NSC-13-10-C	NSC-13-10-M	NSC-13-10-S	13	10	26	20				M5	28
NSC-14-12-C	NSC-14-12-M	NSC-14-12-S	14	12	26	20				M5	33
NSC-15-8-C	NSC-15-8-M	NSC-15-8-S	15	8	25	24				M5	19
NSC-15-10-C	NSC-15-10-M	NSC-15-10-S	15	10	25	24				M5	24
NSC-15-12-C	NSC-15-12-M	NSC-15-12-S	15	12	28	24				M5	39

*1: Hex socket set screw is provided.
 *1: If d dimension is 6 or below, one point.

NSC-C Made of Steel, Ferrosoferric Oxide Film **NSC-M** Made of Steel, Electroless Nickel Plating
NSC-S Made of Stainless Steel

Part Number		Part Number		Part Number		d	B	D	D1	M (coarse) *1	Mass (g)
NSC-16-10-C	NSC-16-10-M	NSC-16-10-S	16	10	28	24				M5	31
NSC-16-12-C	NSC-16-12-M	NSC-16-12-S	16	12	28	24				M5	37
NSC-17-10-C	NSC-17-10-M	NSC-17-10-S	17	10	30	26				M6	35
NSC-17-12-C	NSC-17-12-M	NSC-17-12-S	17	12	32	26				M6	49
NSC-18-15-C	NSC-18-15-M	NSC-18-15-S	18	15	32	29				M6	61
NSC-20-7-C	NSC-20-7-M	NSC-20-7-S	20	7	30					M5	21
NSC-20-10-C	NSC-20-10-M	NSC-20-10-S	20	10	32	29				M6	36
NSC-20-12-C	NSC-20-12-M	NSC-20-12-S	20	12	32	29				M6	83
NSC-20-15-C	NSC-20-15-M	NSC-20-15-S	20	15	32	29				M6	55
NSC-22-18-C	NSC-22-18-M	NSC-22-18-S	22	18	38	34				M8	101
NSC-25-12-C	NSC-25-12-M	NSC-25-12-S	25	12	38	37				M6	60
NSC-25-15-C	NSC-25-15-M	NSC-25-15-S	25	15	38	37				M6	73
NSC-25-18-C	NSC-25-18-M	NSC-25-18-S	25	18	42	38				M8	122
NSC-28-18-C	NSC-28-18-M	NSC-28-18-S	28	18	45	40				M8	129
NSC-30-16-C	NSC-30-16-M	NSC-30-16-S	30	16	45	42				M8	106
NSC-30-18-C	NSC-30-18-M	NSC-30-18-S	30	18	49	42				M8	156
NSC-30-20-C	NSC-30-20-M	NSC-30-20-S	30	20	49	42				M8	175
NSC-32-20-C	NSC-32-20-M	NSC-32-20-S	32	20	53	44				M8	206
NSC-35-15-C	NSC-35-15-M	NSC-35-15-S	35	15	50	47				M8	111
NSC-35-18-C	NSC-35-18-M	NSC-35-18-S	35	18	55	47				M8	187
NSC-35-20-C	NSC-35-20-M	NSC-35-20-S	35	20	59	47				M8	256
NSC-38-22-C	NSC-38-22-M	NSC-38-22-S	38	22	64	50				M10	330
NSC-40-18-C	NSC-40-18-M	NSC-40-18-S	40	18	60	55				M10	213
NSC-40-22-C	NSC-40-22-M	NSC-40-22-S	40	22	72	55				M10	438
NSC-45-22-C	NSC-45-22-M	NSC-45-22-S	45	22	75	60				M10	445
NSC-50-20-C	NSC-50-20-M	NSC-50-20-S	50	20	70	65				M10	284
NSC-50-25-C	NSC-50-25-M	NSC-50-25-S	50	25	79	65				M10	537

*1: Hex socket set screw is provided.

● Part number specification

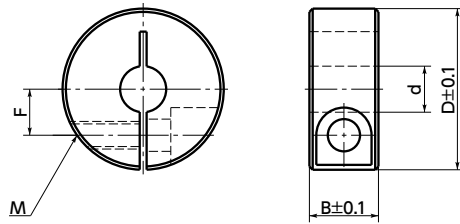
NSC-20-10-S



Cleanroom Wash & Packaging → P.807	Screw Length Adjustment → P.811	Vibration Resistant → P.810	Laser Marking → P.821
Please feel free to contact us	Not Available	Not Available	Available / Add'l charge

NSCS Set Collar - Clamping Type

WEB Selection Tool WEB CAD Download SUS Stainless steel



- Clamping type set collar.
- Installation and removing are easy. Moreover this does not scratch the shaft.
- Optimal for machines and devices that are frequently mounted/removed, e.g. slide shaft.

● Material/Finish ● RoHS2 Compliant

	NSCS-C	NSCS-M	NSCS-S
Main body	S45C Ferrosiferic Oxide Film (Black)	S45C Electroless Nickel Plating	SUS304
Hex Socket Head Cap Screw	SS400 Ferrosiferic Oxide Film (Black)	SUSXM7	SUSXM7



NSCS-C Made of Steel, Ferrosiferic Oxide Film **NSCS-M** Made of Steel, Electroless Nickel Plating

NSCS-S Made of Stainless Steel

Unit : mm

Part Number	Part Number	Part Number	d	B	D	F	M (coarse) *1	Mass (g)
NSCS-3-8-C	NSCS-3-8-M	NSCS-3-8-S	3	8	15	4.5	M3	9
NSCS-4-8-C	NSCS-4-8-M	NSCS-4-8-S	4	8	15	4.5	M3	9
NSCS-5-8-C	NSCS-5-8-M	NSCS-5-8-S	5	8	20	6	M3	17
NSCS-5-10-C	NSCS-5-10-M	NSCS-5-10-S	5	10	20	6	M4	21
NSCS-6-8-C	NSCS-6-8-M	NSCS-6-8-S	6	8	20	6	M3	15
NSCS-6-10-C	NSCS-6-10-M	NSCS-6-10-S	6	10	20	6	M4	20
NSCS-8-8-C	NSCS-8-8-M	NSCS-8-8-S	8	8	25	8	M3	25
NSCS-8-10-C	NSCS-8-10-M	NSCS-8-10-S	8	10	25	8	M4	31
NSCS-8-12-C	NSCS-8-12-M	NSCS-8-12-S	8	12	28	8.5	M5	49
NSCS-8-15-C	NSCS-8-15-M	NSCS-8-15-S	8	15	30	9	M6	69
NSCS-10-10-C	NSCS-10-10-M	NSCS-10-10-S	10	10	30	9	M4	44
NSCS-10-12-C	NSCS-10-12-M	NSCS-10-12-S	10	12	30	9	M5	54
NSCS-10-15-C	NSCS-10-15-M	NSCS-10-15-S	10	15	35	10	M6	93
NSCS-12-10-C	NSCS-12-10-M	NSCS-12-10-S	12	10	30	10	M4	42
NSCS-12-12-C	NSCS-12-12-M	NSCS-12-12-S	12	12	30	10	M5	51
NSCS-12-15-C	NSCS-12-15-M	NSCS-12-15-S	12	15	35	11	M6	90

*1 : Hex socket head cap screw is provided.

NSCS-C Made of Steel, Ferrosiferic Oxide Film **NSCS-M** Made of Steel, Electroless Nickel Plating

NSCS-S Made of Stainless Steel

Unit : mm

Part Number	Part Number	Part Number	d	B	D	F	M (coarse) *1	Mass (g)
NSCS-13-10-C	NSCS-13-10-M	NSCS-13-10-S	13	10	30	10	M4	41
NSCS-13-15-C	NSCS-13-15-M	NSCS-13-15-S	13	15	35	11	M6	88
NSCS-15-10-C	NSCS-15-10-M	NSCS-15-10-S	15	10	32	11	M4	46
NSCS-15-12-C	NSCS-15-12-M	NSCS-15-12-S	15	12	35	12	M5	68
NSCS-15-15-C	NSCS-15-15-M	NSCS-15-15-S	15	15	40	13	M6	118
NSCS-16-10-C	NSCS-16-10-M	NSCS-16-10-S	16	10	35	12	M4	54
NSCS-16-12-C	NSCS-16-12-M	NSCS-16-12-S	16	12	35	12	M5	66
NSCS-16-15-C	NSCS-16-15-M	NSCS-16-15-S	16	15	40	13	M6	114
NSCS-17-15-C	NSCS-17-15-M	NSCS-17-15-S	17	15	40	13	M6	106
NSCS-18-15-C	NSCS-18-15-M	NSCS-18-15-S	18	15	45	15	M6	143
NSCS-20-10-C	NSCS-20-10-M	NSCS-20-10-S	20	10	40	14	M4	68
NSCS-20-12-C	NSCS-20-12-M	NSCS-20-12-S	20	12	40	14	M5	81
NSCS-20-15-C	NSCS-20-15-M	NSCS-20-15-S	20	15	45	15	M6	139
NSCS-25-12-C	NSCS-25-12-M	NSCS-25-12-S	25	12	45	17	M5	96
NSCS-25-15-C	NSCS-25-15-M	NSCS-25-15-S	25	15	50	18	M6	162
NSCS-30-15-C	NSCS-30-15-M	NSCS-30-15-S	30	15	55	20	M6	183
NSCS-35-15-C	NSCS-35-15-M	NSCS-35-15-S	35	15	60	23	M6	205
NSCS-40-18-C	NSCS-40-18-M	NSCS-40-18-S	40	18	70	26	M8	347
NSCS-45-18-C	NSCS-45-18-M	NSCS-45-18-S	45	18	75	28	M8	372
NSCS-50-22-C	NSCS-50-22-M	NSCS-50-22-S	50	22	85	32	M10	603

*1 : Hex socket head cap screw is provided.

- Part number specification

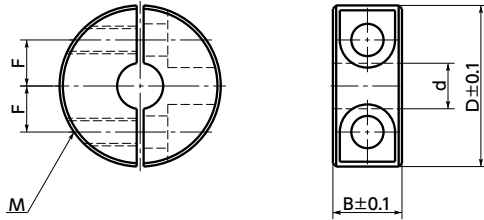
NSCS-3-8-S



Cleanroom Wash & Packaging → P.807	Screw Length Adjustment → P.811	Vibration Resistant → P.810	Laser Marking → P.821
Please feel free to contact us	Not Available	Not Available	Available / Add'l charge

NSCSS Set Collar - Split - type

WEB Selection Tool WEB CAD Download SUS Stainless steel



- Split-type set collar.
- As the axial hole part can be completely split, so mounting and removing can be performed easily. Moreover this does not scratch the shaft.
- Optimal for use with machines and devices that are difficult to disassemble.

Material/Finish ● RoHS2 Compliant

	NSCSS-C	NSCSS-M	NSCSS-S
Main body	S45C Ferroferric Oxide Film (Black)	S45C Electroless Nickel Plating	SUS304
Hex Socket Head Cap Screw	SCM435 Ferroferric Oxide Film (Black)	SUSXM7	SUSXM7



NSCSS-C Made of Steel, Ferroferric Oxide Film **NSCSS-M** Made of Steel, Electroless Nickel Plating
NSCSS-S Made of Stainless Steel

Unit : mm

Part Number	Part Number	Part Number	d	B	D	F	M (coarse) *1	Mass (g)
NSCSS-3-8-C	NSCSS-3-8-M	NSCSS-3-8-S	3	8	15	4.5	M3	9
NSCSS-4-8-C	NSCSS-4-8-M	NSCSS-4-8-S	4	8	15	4.5	M3	7
NSCSS-5-8-C	NSCSS-5-8-M	NSCSS-5-8-S	5	8	20	5.5	M3	14
NSCSS-5-10-C	NSCSS-5-10-M	NSCSS-5-10-S	5	10	20	6	M4	20
NSCSS-6-8-C	NSCSS-6-8-M	NSCSS-6-8-S	6	8	20	6	M3	15
NSCSS-6-10-C	NSCSS-6-10-M	NSCSS-6-10-S	6	10	20	6	M4	19
NSCSS-8-8-C	NSCSS-8-8-M	NSCSS-8-8-S	8	8	25	8	M3	24
NSCSS-8-10-C	NSCSS-8-10-M	NSCSS-8-10-S	8	10	25	8	M4	30
NSCSS-8-12-C	NSCSS-8-12-M	NSCSS-8-12-S	8	12	28	8.5	M5	47
NSCSS-8-15-C	NSCSS-8-15-M	NSCSS-8-15-S	8	15	30	9	M6	63
NSCSS-10-10-C	NSCSS-10-10-M	NSCSS-10-10-S	10	10	30	9	M4	41
NSCSS-10-12-C	NSCSS-10-12-M	NSCSS-10-12-S	10	12	30	9	M5	51
NSCSS-10-15-C	NSCSS-10-15-M	NSCSS-10-15-S	10	15	35	10	M6	86
NSCSS-12-10-C	NSCSS-12-10-M	NSCSS-12-10-S	12	10	30	10	M4	40
NSCSS-12-12-C	NSCSS-12-12-M	NSCSS-12-12-S	12	12	30	10	M5	49
NSCSS-12-15-C	NSCSS-12-15-M	NSCSS-12-15-S	12	15	35	11	M6	84
NSCSS-13-10-C	NSCSS-13-10-M	NSCSS-13-10-S	13	10	30	10	M4	38
NSCSS-13-15-C	NSCSS-13-15-M	NSCSS-13-15-S	13	15	35	11	M6	80

*1 : Hex socket head cap screw is provided.

NSCSS-C Made of Steel, Ferroferric Oxide Film **NSCSS-M** Made of Steel, Electroless Nickel Plating
NSCSS-S Made of Stainless Steel

Unit : mm

Part Number	Part Number	Part Number	d	B	D	F	M (coarse) *1	Mass (g)
NSCSS-15-10-C	NSCSS-15-10-M	NSCSS-15-10-S	15	10	32	11	M4	42
NSCSS-15-12-C	NSCSS-15-12-M	NSCSS-15-12-S	15	12	35	12	M5	64
NSCSS-15-15-C	NSCSS-15-15-M	NSCSS-15-15-S	15	15	40	13	M6	109
NSCSS-16-10-C	NSCSS-16-10-M	NSCSS-16-10-S	16	10	35	12	M4	51
NSCSS-16-12-C	NSCSS-16-12-M	NSCSS-16-12-S	16	12	35	12	M5	62
NSCSS-16-15-C	NSCSS-16-15-M	NSCSS-16-15-S	16	15	40	13	M6	107
NSCSS-17-15-C	NSCSS-17-15-M	NSCSS-17-15-S	17	15	40	13	M6	106
NSCSS-18-15-C	NSCSS-18-15-M	NSCSS-18-15-S	18	15	45	15	M6	136
NSCSS-20-10-C	NSCSS-20-10-M	NSCSS-20-10-S	20	10	40	14	M4	65
NSCSS-20-12-C	NSCSS-20-12-M	NSCSS-20-12-S	20	12	40	14	M5	77
NSCSS-20-15-C	NSCSS-20-15-M	NSCSS-20-15-S	20	15	45	15	M6	131
NSCSS-25-12-C	NSCSS-25-12-M	NSCSS-25-12-S	25	12	45	17	M5	92
NSCSS-25-15-C	NSCSS-25-15-M	NSCSS-25-15-S	25	15	50	18	M6	152
NSCSS-30-15-C	NSCSS-30-15-M	NSCSS-30-15-S	30	15	55	20	M6	171
NSCSS-35-15-C	NSCSS-35-15-M	NSCSS-35-15-S	35	15	60	23	M6	195
NSCSS-40-18-C	NSCSS-40-18-M	NSCSS-40-18-S	40	18	70	26	M8	334
NSCSS-45-18-C	NSCSS-45-18-M	NSCSS-45-18-S	45	18	75	28	M8	356
NSCSS-50-22-C	NSCSS-50-22-M	NSCSS-50-22-S	50	22	85	32	M10	576

*1 : Hex socket head cap screw is provided.

- Part number specification

NSCSS-10-15-C



Cleanroom Wash & Packaging → P.807	Screw Length Adjustment → P.811	Vibration Resistant → P.810	Laser Marking → P.821
Please feel free to contact us	Not Available	Not Available	Available / Add'l charge

Machine Elements
Levers
Knobs
Pulls
Mounting Systems for Display
Set Collars
Cross Clampers
Handles
Grips
Scales
Stages
Ball Rollers
Plungers
Structure Components
Screws

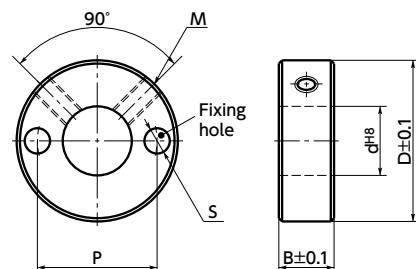
Machine Elements
Levers
Knobs
Pulls
Mounting Systems for Display
Set Collars
Cross Clampers
Handles
Grips
Scales
Stages
Ball Rollers
Plungers
Structure Components
Screws

NSC Set Collar - with Installation Hole - Set Screw Type

WEB Selection Tool WEB CAD Download SUS Stainless steel



NSC-CP2



- Set collar with installation hole. It can be installed to any machine and device such as wheels, flanges and plates, by using the fixing hole.
- It is attached to the shaft by the set screws.

- Material/Finish ✓ RoHS2 Compliant

	NSC-CP2	NSC-MP2	NSC-SP2
Main body	S45C Ferrosferic Oxide Film (Black)	S45C Electroless Nickel Plating	SUS304
Hex Socket Set Screw	SCM435 Ferrosferic Oxide Film (Black)	SUSXM7	SUSXM7

- Part number specification

NSC-12-12-SP2



NSC-CP2 Made of Steel, Ferrosferic Oxide Film NSC-MP2 Made of Steel, Electroless Nickel Plating

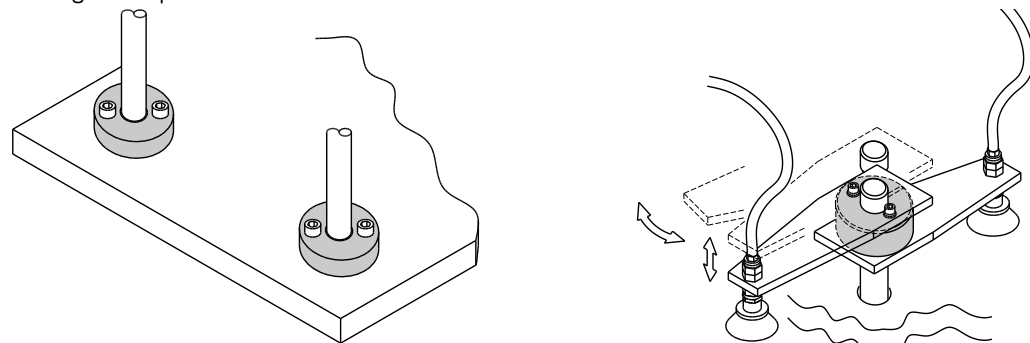
NSC-SP2 Made of Stainless Steel

Part Number	Part Number	Part Number	d	B	D	S	P	M*1 (Coarse)	Mass (g)
NSC-3-6-CP2	NSC-3-6-MP2	NSC-3-6-SP2	3	6	17	3.4	11	M3	9
NSC-4-6-CP2	NSC-4-6-MP2	NSC-4-6-SP2	4	6	18	3.4	12	M3	10
NSC-5-10-CP2	NSC-5-10-MP2	NSC-5-10-SP2	5	10	22	4.5	15	M4	25
NSC-6-10-CP2	NSC-6-10-MP2	NSC-6-10-SP2	6	10	22	4.5	15	M4	24
NSC-8-10-CP2	NSC-8-10-MP2	NSC-8-10-SP2	8	10	24	4.5	17	M4	28
NSC-10-10-CP2	NSC-10-10-MP2	NSC-10-10-SP2	10	10	26	4.5	19	M4	31
NSC-12-12-CP2	NSC-12-12-MP2	NSC-12-12-SP2	12	12	32	5.5	23	M5	57
NSC-13-12-CP2	NSC-13-12-MP2	NSC-13-12-SP2	13	12	33	5.5	24	M5	61
NSC-15-12-CP2	NSC-15-12-MP2	NSC-15-12-SP2	15	12	35	5.5	26	M5	65
NSC-16-12-CP2	NSC-16-12-MP2	NSC-16-12-SP2	16	12	40	6.6	28	M6	88
NSC-20-12-CP2	NSC-20-12-MP2	NSC-20-12-SP2	20	12	44	6.6	32	M6	102
NSC-25-15-CP2	NSC-25-15-MP2	NSC-25-15-SP2	25	15	50	6.6	37	M8	160
NSC-30-15-CP2	NSC-30-15-MP2	NSC-30-15-SP2	30	15	55	6.6	42	M8	177
NSC-35-15-CP2	NSC-35-15-MP2	NSC-35-15-SP2	35	15	60	6.6	47	M8	203
NSC-40-20-CP2	NSC-40-20-MP2	NSC-40-20-SP2	40	20	70	9	55	M10	375
NSC-50-25-CP2	NSC-50-25-MP2	NSC-50-25-SP2	50	25	86	11	68	M10	698

*1: Hex socket set screw is provided.

*1: If d dimension is 5 or below, one point.

- Usage example



Cleanroom Wash & Packaging → P.807 Screw Length Adjustment → P.811 Vibration Resistant → P.810 Laser Marking → P.821

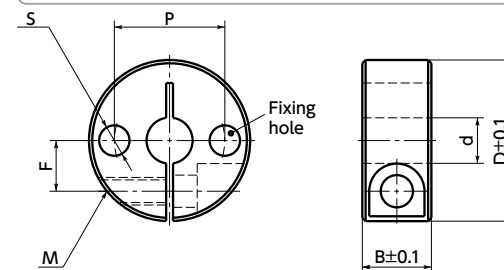
Please feel free to contact us Not Available Not Available Available / Add'l charge

NSCS Set Collar - with Installation Hole - Clamping Type

WEB Selection Tool WEB CAD Download SUS Stainless steel



NSCS-CP2



- Material/Finish

✓ RoHS2 Compliant

	NSCS-CP2	NSCS-MP2	NSCS-SP2
Main body	S45C Ferrosferic Oxide Film (Black)	S45C Electroless Nickel Plating	SUS304
Hex Socket Head Cap Screw	SCM435 Ferrosferic Oxide Film (Black)	SUSXM7	SUSXM7

NSCS-CP2 Made of Steel, Ferrosferic Oxide Film NSCS-MP2 Made of Steel, Electroless Nickel Plating

NSCS-SP2 Made of Stainless Steel

Part Number	Part Number	Part Number	d	B	D	F	S	P	M*1 (Coarse)	Mass (g)
NSCS-6-8-CP2	NSCS-6-8-MP2	NSCS-6-8-SP2	6	8	20	6	3.5	13	M3	15
NSCS-6-10-CP2	NSCS-6-10-MP2	NSCS-6-10-SP2	6	10	20	6	3.5	13	M4	19
NSCS-8-8-CP2	NSCS-8-8-MP2	NSCS-8-8-SP2	8	8	25	8	4.5	16	M3	23
NSCS-8-10-CP2	NSCS-8-10-MP2	NSCS-8-10-SP2	8	10	25	8	4.5	18	M4	29
NSCS-8-12-CP2	NSCS-8-12-MP2	NSCS-8-12-SP2	8	12	28	8.5	5.5	18	M5	44
NSCS-8-15-CP2	NSCS-8-15-MP2	NSCS-8-15-SP2	8	15	30	9.5	5.5	20	M6	63
NSCS-10-10-CP2	NSCS-10-10-MP2	NSCS-10-10-SP2	10	10	30	9	5.5	20	M4	41
NSCS-10-12-CP2	NSCS-10-12-MP2	NSCS-10-12-SP2	10	12	30	9	5.5	20	M5	49
NSCS-10-15-CP2	NSCS-10-15-MP2	NSCS-10-15-SP2	10	15	35	11	6.6	24	M6	84
NSCS-12-10-CP2	NSCS-12-10-MP2	NSCS-12-10-SP2	12	10	30	10	5.5	22	M4	38
NSCS-12-12-CP2	NSCS-12-12-MP2	NSCS-12-12-SP2	12	12	30	10	5.5	22	M5	47
NSCS-12-15-CP2	NSCS-12-15-MP2	NSCS-12-15-SP2	12	15	35	11	6.6	24	M6	82
NSCS-13-10-CP2	NSCS-13-10-MP2	NSCS-13-10-SP2	13	10	30	10	4.5	22	M4	38
NSCS-13-15-CP2	NSCS-13-15-MP2	NSCS-13-15-SP2	13	15	35	11	6.6	24	M6	81
NSCS-15-10-CP2	NSCS-15-10-MP2	NSCS-15-10-SP2	15	10	32	11	4.5	24	M4	43
NSCS-15-12-CP2	NSCS-15-12-MP2	NSCS-15-12-SP2	15	12	35	12	5.5	26	M5	64
NSCS-15-15-CP2	NSCS-15-15-MP2	NSCS-15-15-SP2	15	15	40	13	6.6	28	M6	109
NSCS-16-10-CP2	NSCS-16-10-MP2	NSCS-16-10-SP2	16	10	35	12	4.5	25	M4	52
NSCS-16-12-CP2	NSCS-16-12-MP2	NSCS-16-12-SP2	16	12	35	12	5.5	26	M5	61
NSCS-16-15-CP2	NSCS-16-15-MP2	NSCS-16-15-SP2	16	15	40	13	6.6	28	M6	105
NSCS-20-10-CP2	NSCS-20-10-MP2	NSCS-20-10-SP2	20	10	40	14	5.5	30	M4	64
NSCS-20-12-CP2	NSCS-20-12-MP2	NSCS-20-12-SP2	20	12	40	14	5.5	30	M5	77
NSCS-20-15-CP2	NSCS-20-15-MP2	NSCS-20-15-SP2	20	15	45	15	6.6	34	M6	130
NSCS-25-12-CP2	NSCS-25-12-MP2	NSCS-25-12-SP2	25	12	45	17	5.5	36	M5	91
NSCS-25-15-CP2	NSCS-25-15-MP2	NSCS-25-15-SP2	25	15	50	18	6.6	38	M6	152
NSCS-30-15-CP2	NSCS-30-15-MP2	NSCS-30-15-SP2	30	15	55	20	6.6	44	M6	174
NSCS-35-15-CP2	NSCS-35-15-MP2	NSCS-35-15-SP2	35	15	60	23	6.6	48	M6	196
NSCS-40-18-CP2	NSCS-40-18-MP2	NSCS-40-18-SP2	40	18	70	26	9	56	M8	328
NSCS-50-22-CP2	NSCS-50-22-MP2	NSCS-50-22-SP2	50	22	85	32	11	68	M10	572

*1: Hex socket head cap screw is provided.

- Part number specification

NSCS-10-10-CP2

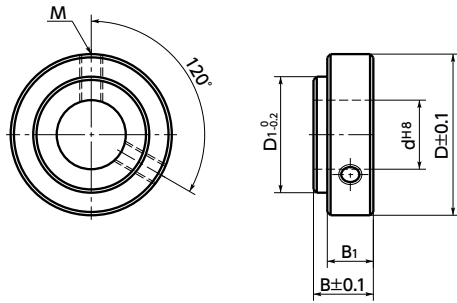


Cleanroom Wash & Packaging → P.807 Screw Length Adjustment → P.811 Vibration Resistant → P.810 Laser Marking → P.821

Please feel free to contact us Not Available Not Available Available / Add'l charge

NSC Set Collar - For Securing Bearing - Set Screw Type

WEB Selection Tool WEB CAD Download



- Set collar for securing bearing.
- It can be fixed by pressing the bearing inner wheel only on the convex of the main body.
- Optimal for securing bearing when it is difficult to fix the snap ring, etc. to the shaft.
- It is attached to the shaft by the set screws.

● Material/Finish ● RoHS2 Compliant

	NSC-CB	NSC-MB
Main body	S45C Ferroferric Oxide Film (Black)	S45C Electroless Nickel Plating
Hex Socket Set Screw	SCM435 Ferroferric Oxide Film (Black)	SUSXM7



Part Number	Part Number	d	B	B1	D	D1	M (coarse) *1	Applicable bearings	Mass (g)
Ferroferric oxide film	Electroless nickel plating	Unit : mm							
NSC-3-7-CB	NSC-3-7-MB	3	7.5	5	7	5	M3	693ZZ · 623ZZ	1
NSC-4-7-CB	NSC-4-7-MB	4	7.5	5	8	6	M3	694ZZ · 624ZZ	2
NSC-5-7-CB	NSC-5-7-MB	5	7.5	5	11	7.2	M3	695ZZ · 605ZZ · 625ZZ	4
NSC-6-7-CB1	NSC-6-7-MB1	6	7.5	5	13	8.4	M3	606ZZ	4
NSC-6-7-CB2	NSC-6-7-MB2	6	7.5	5	13	9.2	M3	626ZZ	5
NSC-6-7-CB3	NSC-6-7-MB3	6	7.5	5	13	8	M3	696ZZ	6
NSC-8-9-CB1	NSC-8-9-MB1	8	9.5	7	18	11.7	M4	608ZZ	12
NSC-8-9-CB2	NSC-8-9-MB2	8	9.5	7	18	11.4	M4	628ZZ	11
NSC-8-9-CB3	NSC-8-9-MB3	8	9.5	7	18	10.4	M4	698ZZ	11
NSC-10-11-CB1	NSC-10-11-MB1	10	11	8	20	14.2	M5	600ZZ	16
NSC-10-11-CB2	NSC-10-11-MB2	10	11	8	20	16.7	M5	620ZZ	18
NSC-10-11-CB3	NSC-10-11-MB3	10	11	8	20	13.2	M5	690ZZ	15
NSC-12-11-CB1	NSC-12-11-MB1	12	11	8	22	17.2	M5	600ZZ	19
NSC-12-11-CB2	NSC-12-11-MB2	12	11	8	22	17.7	M5	620ZZ	19
NSC-12-11-CB3	NSC-12-11-MB3	12	11	8	22	15.2	M5	690ZZ	17
NSC-15-11-CB1	NSC-15-11-MB1	15	11	8	25	20.2	M5	600ZZ	22
NSC-15-11-CB2	NSC-15-11-MB2	15	11	8	25	21.2	M5	620ZZ	23
NSC-15-11-CB3	NSC-15-11-MB3	15	11	8	25	18.7	M5	690ZZ	21

*1: Hex socket set screw is provided.
*1: If d dimension is 5 or below, one point.

Part Number	Part Number	d	B	B1	D	D1	M (coarse) *1	Applicable bearings	Mass (g)
Ferroferric oxide film	Electroless nickel plating	Unit : mm							
NSC-17-13-CB1	NSC-17-13-MB1	17	13	10	28	22.2	M6	600ZZ	33
NSC-17-13-CB2	NSC-17-13-MB2	17	13	10	28	24.2	M6	620ZZ	35
NSC-17-13-CB3	NSC-17-13-MB3	17	13	10	28	20.2	M6	690ZZ	31
NSC-20-13-CB1	NSC-20-13-MB1	20	13	10	35	25.2	M6	600ZZ	52
NSC-20-13-CB2	NSC-20-13-MB2	20	13	10	35	27.2	M6	620ZZ	54
NSC-20-13-CB3	NSC-20-13-MB3	20	13	10	35	24.7	M6	690ZZ	52
NSC-25-13-CB1	NSC-25-13-MB1	25	13.5	10	38	31.2	M6	600ZZ	55
NSC-25-13-CB2	NSC-25-13-MB2	25	13.5	10	38	33.2	M6	620ZZ	58
NSC-25-13-CB3	NSC-25-13-MB3	25	13.5	10	38	30.2	M6	690ZZ	54
NSC-30-15-CB1	NSC-30-15-MB1	30	15.5	12	45	38.2	M8	600ZZ	90
NSC-30-15-CB2	NSC-30-15-MB2	30	15.5	12	45	40.2	M8	620ZZ	94
NSC-30-15-CB3	NSC-30-15-MB3	30	15.5	12	45	35.2	M8	690ZZ	86
NSC-35-16-CB1	NSC-35-16-MB1	35	16.5	12	50	43.2	M8	600ZZ	106
NSC-35-16-CB2	NSC-35-16-MB2	35	16.5	12	50	46.2	M8	620ZZ	114
NSC-35-16-CB3	NSC-35-16-MB3	35	16.5	12	50	41.2	M8	690ZZ	101
NSC-40-18-CB1	NSC-40-18-MB1	40	18.5	14	60	48.2	M10	600ZZ	183
NSC-40-18-CB2	NSC-40-18-MB2	40	18.5	14	60	52.2	M10	620ZZ	195
NSC-40-18-CB3	NSC-40-18-MB3	40	18.5	14	60	46.2	M10	690ZZ	179

*1: Hex socket set screw is provided.
*1: If d dimension is 5 or below, one point.

● Related Products

Set collar for stainless steel securing bearings **NSC** is available.
➔ P.387



● Part number specification

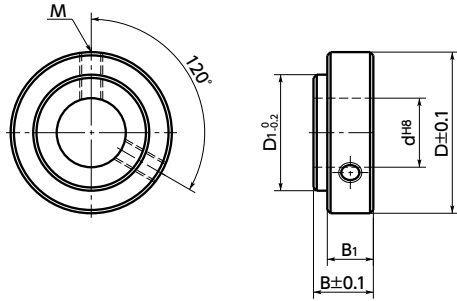
NSC-4-7-CB



Cleanroom Wash & Packaging ➔ P.807	Screw Length Adjustment ➔ P.811	Vibration Resistant ➔ P.810	Laser Marking ➔ P.821
Please feel free to contact us	Not Available	Not Available	Available / Add'l charge

NSC Set Collar (Made of Stainless Steel) - For Securing Bearing - Set Screw Type

WEB Selection Tool WEB CAD Download SUS Stainless steel



- Set collar for securing bearing.
- It can be fixed by pressing the bearing inner wheel only on the convex of the main body.
- Optimal for securing bearing when it is difficult to fix the snap ring, etc. to the shaft.
- It is attached to the shaft by the set screws.

● Material/Finish ● RoHS2 Compliant

	NSC
Main body	SUS304
Hex Socket Set Screw	SUSXM7



Unit : mm

Part Number	d	B	B ₁	D	D ₁	M (coarse) *1	Applicable bearings	Mass (g)
NSC-3-7-SB	3	7.5	5	7	5	M3	693ZZ · 623ZZ	2
NSC-4-7-SB	4	7.5	5	8	6	M3	694ZZ · 624ZZ	2
NSC-5-7-SB	5	7.5	5	11	7.2	M3	695ZZ · 605ZZ · 625ZZ	3
NSC-6-7-SB1	6	7.5	5	13	8.4	M3	606ZZ	4
NSC-6-7-SB2	6	7.5	5	13	9.2	M3	626ZZ	5
NSC-6-7-SB3	6	7.5	5	13	8	M3	696ZZ	4
NSC-8-9-SB1	8	9.5	7	18	11.7	M4	608ZZ	12
NSC-8-9-SB2	8	9.5	7	18	11.4	M4	628ZZ	12
NSC-8-9-SB3	8	9.5	7	18	10.4	M4	698ZZ	11
NSC-10-11-SB1	10	11	8	20	14.2	M5	600ZZ	16
NSC-10-11-SB2	10	11	8	20	16.7	M5	620ZZ	18
NSC-10-11-SB3	10	11	8	20	13.2	M5	690ZZ	16
NSC-12-11-SB1	12	11	8	22	17.2	M5	601ZZ	19
NSC-12-11-SB2	12	11	8	22	17.7	M5	621ZZ	19
NSC-12-11-SB3	12	11	8	22	15.2	M5	691ZZ	18
NSC-15-11-SB1	15	11	8	25	20.2	M5	602ZZ	22
NSC-15-11-SB2	15	11	8	25	21.2	M5	622ZZ	23
NSC-15-11-SB3	15	11	8	25	18.7	M5	692ZZ	21

*1: Hex socket set screw is provided.
 *1: If d dimension is 5 or below, one point.

Unit : mm

Part Number	d	B	B ₁	D	D ₁	M (coarse) *1	Applicable bearings	Mass (g)
NSC-17-13-SB1	17	13	10	28	22.2	M6	6003ZZ	33
NSC-17-13-SB2	17	13	10	28	24.2	M6	6203ZZ	35
NSC-17-13-SB3	17	13	10	28	20.2	M6	6903ZZ	32
NSC-20-13-SB1	20	13	10	35	25.2	M6	6004ZZ	54
NSC-20-13-SB2	20	13	10	35	27.2	M6	6204ZZ	55
NSC-20-13-SB3	20	13	10	35	24.7	M6	6904ZZ	53
NSC-25-13-SB1	25	13.5	10	38	31.2	M6	6005ZZ	56
NSC-25-13-SB2	25	13.5	10	38	33.2	M6	6205ZZ	59
NSC-25-13-SB3	25	13.5	10	38	30.2	M6	6905ZZ	55
NSC-30-15-SB1	30	15.5	12	45	38.2	M8	6006ZZ	92
NSC-30-15-SB2	30	15.5	12	45	40.2	M8	6206ZZ	95
NSC-30-15-SB3	30	15.5	12	45	35.2	M8	6906ZZ	87
NSC-35-16-SB1	35	16.5	12	50	43.2	M8	6007ZZ	108
NSC-35-16-SB2	35	16.5	12	50	46.2	M8	6207ZZ	116
NSC-35-16-SB3	35	16.5	12	50	41.2	M8	6907ZZ	102
NSC-40-18-SB1	40	18.5	14	60	48.2	M10	6008ZZ	185
NSC-40-18-SB2	40	18.5	14	60	52.2	M10	6208ZZ	196
NSC-40-18-SB3	40	18.5	14	60	46.2	M10	6908ZZ	180

*1: Hex socket set screw is provided.
 *1: If d dimension is 5 or below, one point.

● Part number specification

NSC-4-7-SB



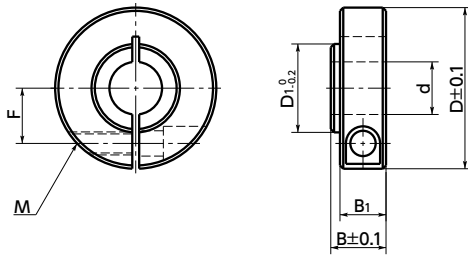
Cleanroom Wash & Packaging → P.807	Screw Length Adjustment → P.811	Vibration Resistant → P.810	Laser Marking → P.821
Available / Add'l charge	Not Available	Not Available	Available / Add'l charge

Machine Elements
Levers
Knobs
Pulls
Mounting Systems for Display
Set Collars Cross Clampers
Handles Grips
Scales
Stages
Ball Rollers
Plungers
Structure Components
Screws

Machine Elements
Levers
Knobs
Pulls
Mounting Systems for Display
Set Collars Cross Clampers
Handles Grips
Scales
Stages
Ball Rollers
Plungers
Structure Components
Screws

NSCS Set Collar - For Securing Bearing - Clamping Type

WEB Selection Tool WEB CAD Download



- Set collar for securing bearings.
- It can be fixed by pressing the bearing inner wheel only on the convex of the main body.
- Optimal for securing bearing when it is difficult to fix the snap ring, etc. to the shaft.
- Clamping Type. Mounting and removing are easy. Moreover this does not scratch the shaft.
- Material/Finish ● RoHS2 Compliant

	NSCS-CB	NSCS-MB
Main body	S45C Ferrosferric Oxide Film (Black)	S45C Electroless Nickel Plating
Hex Socket Head Cap Screw	SCM435 Ferrosferric Oxide Film (Black)	SUSXM7



Part Number	Part Number	d	B	B1	D	D1	F	M (coarse) *1	Applicable bearings	Mass (g)
Ferrosferric oxide film	Electroless nickel plating	Unit : mm								
NSCS-3-8-CB	NSCS-3-8-MB	3	8.5	7.5	15	5	4.5	M3	693ZZ · 623ZZ	9
NSCS-4-8-CB	NSCS-4-8-MB	4	8.5	7.5	15	6	4.5	M3	694ZZ · 624ZZ	9
NSCS-5-8-CB	NSCS-5-8-MB	5	8.5	7.5	20	7.2	6	M3	695ZZ · 605ZZ · 625ZZ	15
NSCS-6-8-CB1	NSCS-6-8-MB1	6	8.5	7.5	20	9.4	6.5	M3	606ZZ	15
NSCS-6-8-CB2	NSCS-6-8-MB2	6	8.5	7.5	20	9.7	6.5	M3	626ZZ	15
NSCS-6-8-CB3	NSCS-6-8-MB3	6	8.5	7.5	20	9.1	6.5	M3	696ZZ	15
NSCS-8-8-CB1	NSCS-8-8-MB1	8	8.5	7.5	20	11.7	7	M3	608ZZ	14
NSCS-8-8-CB2	NSCS-8-8-MB2	8	8.5	7.5	20	13.2	7	M3	628ZZ	15
NSCS-8-8-CB3	NSCS-8-8-MB3	8	8.5	7.5	20	11.2	7	M3	698ZZ	15
NSCS-10-11-CB1	NSCS-10-11-MB1	10	11	9	30	14.7	9	M4	6000ZZ	41
NSCS-10-11-CB2	NSCS-10-11-MB2	10	11	9	30	17.2	9	M4	6200ZZ	42
NSCS-10-11-CB3	NSCS-10-11-MB3	10	11	9	30	14.2	9	M4	6900ZZ	42
NSCS-12-11-CB1	NSCS-12-11-MB1	12	11	9	30	17.2	10	M4	6001ZZ	39
NSCS-12-11-CB2	NSCS-12-11-MB2	12	11	9	30	18.7	10	M4	6201ZZ	41
NSCS-12-11-CB3	NSCS-12-11-MB3	12	11	9	30	16.2	10	M4	6901ZZ	41
NSCS-15-12-CB1	NSCS-15-12-MB1	15	12	11	35	20.2	12	M5	6002ZZ	58
NSCS-15-12-CB2	NSCS-15-12-MB2	15	12	11	35	21.7	12	M5	6202ZZ	59
NSCS-15-12-CB3	NSCS-15-12-MB3	15	12	11	35	19.2	12	M5	6902ZZ	58

*1: Hex socket head cap screw is provided.

Part Number	Part Number	d	B	B1	D	D1	F	M (coarse) *1	Applicable bearings	Mass (g)
Ferrosferric oxide film	Electroless nickel plating	Unit : mm								
NSCS-17-12-CB1	NSCS-17-12-MB1	17	12	11	35	22.2	13	M5	6003ZZ	56
NSCS-17-12-CB2	NSCS-17-12-MB2	17	12	11	35	24.2	13	M5	6203ZZ	56
NSCS-17-12-CB3	NSCS-17-12-MB3	17	12	11	35	21.2	13	M5	6903ZZ	55
NSCS-20-12-CB1	NSCS-20-12-MB1	20	12	11	40	27.2	14	M5	6004ZZ	72
NSCS-20-12-CB2	NSCS-20-12-MB2	20	12	11	40	29.2	14	M5	6204ZZ	73
NSCS-20-12-CB3	NSCS-20-12-MB3	20	12	11	40	25.2	14	M5	6904ZZ	70
NSCS-25-15-CB1	NSCS-25-15-MB1	25	15	13	45	31.7	17	M5	6005ZZ	111
NSCS-25-15-CB2	NSCS-25-15-MB2	25	15	13	45	33.2	17	M5	6205ZZ	110
NSCS-25-15-CB3	NSCS-25-15-MB3	25	15	13	45	30.2	17	M5	6905ZZ	109
NSCS-30-15-CB1	NSCS-30-15-MB1	30	15	13	55	38.2	20	M6	6006ZZ	167
NSCS-30-15-CB2	NSCS-30-15-MB2	30	15	13	55	40.2	20	M6	6206ZZ	167
NSCS-30-15-CB3	NSCS-30-15-MB3	30	15	13	55	35.2	20	M6	6906ZZ	165
NSCS-35-15-CB1	NSCS-35-15-MB1	35	15	13	60	43.2	23	M6	6007ZZ	187
NSCS-35-15-CB2	NSCS-35-15-MB2	35	15	13	60	46.2	23	M6	6207ZZ	191
NSCS-35-15-CB3	NSCS-35-15-MB3	35	15	13	60	41.2	23	M6	6907ZZ	184
NSCS-40-17-CB1	NSCS-40-17-MB1	40	17	15	70	48.2	26	M8	6008ZZ	293
NSCS-40-17-CB2	NSCS-40-17-MB2	40	17	15	70	52.2	26	M8	6208ZZ	298
NSCS-40-17-CB3	NSCS-40-17-MB3	40	17	15	70	46.2	26	M8	6908ZZ	300

*1: Hex socket head cap screw is provided.

● Related Products

Set collar for stainless steel securing bearings **NSCS** is available.
 → P.391



● Part number specification

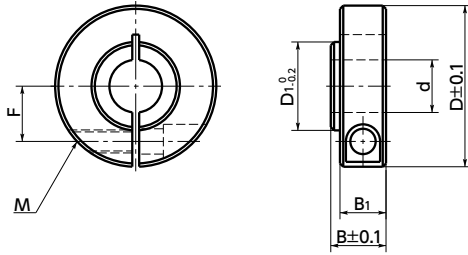
NSCS-10-11-CB2



Cleanroom Wash & Packaging → P.807	Screw Length Adjustment → P.811	Vibration Resistant → P.810	Laser Marking → P.821
Not Available	Not Available	Not Available	Available / Add'l charge

NSCS Set Collar (Made of Stainless Steel) - For Securing Bearing - Clamping Type

WEB Selection Tool WEB CAD Download SUS Stainless steel



- Set collar for securing bearings.
- It can be fixed by pressing the bearing inner wheel only on the convex of the main body.
- Optimal for securing bearing when it is difficult to fix the snap ring, etc. to the shaft.
- Clamping Type. Mounting and removing are easy. Moreover this does not scratch the shaft.

● Material/Finish ● RoHS2 Compliant

	NSCS
Main body	SUS304
Hex Socket Head Cap Screw	SUSXM7



Part Number	d	B	B ₁	D	D ₁	F	M (coarse) *1	Applicable bearings	Unit : mm	
									Mass (g)	
NSCS-3-8-SB	3	8.5	7.5	15	5	4.5	M3	693ZZ · 623ZZ	9	
NSCS-4-8-SB	4	8.5	7.5	15	6	4.5	M3	694ZZ · 624ZZ	9	
NSCS-5-8-SB	5	8.5	7.5	20	7.2	6	M3	695ZZ · 605ZZ · 625ZZ	16	
NSCS-6-8-SB1	6	8.5	7.5	20	9.4	6.5	M3	606ZZ	15	
NSCS-6-8-SB2	6	8.5	7.5	20	9.7	6.5	M3	626ZZ	16	
NSCS-6-8-SB3	6	8.5	7.5	20	9.1	6.5	M3	696ZZ	16	
NSCS-8-8-SB1	8	8.5	7.5	20	11.7	7	M3	608ZZ	14	
NSCS-8-8-SB2	8	8.5	7.5	20	13.2	7	M3	628ZZ	15	
NSCS-8-8-SB3	8	8.5	7.5	20	11.2	7	M3	698ZZ	15	
NSCS-10-11-SB1	10	11	9	30	14.7	9	M4	6000ZZ	42	
NSCS-10-11-SB2	10	11	9	30	17.2	9	M4	6200ZZ	43	
NSCS-10-11-SB3	10	11	9	30	14.2	9	M4	6900ZZ	42	
NSCS-12-11-SB1	12	11	9	30	17.2	10	M4	6001ZZ	40	
NSCS-12-11-SB2	12	11	9	30	18.7	10	M4	6201ZZ	41	
NSCS-12-11-SB3	12	11	9	30	16.2	10	M4	6901ZZ	40	
NSCS-15-12-SB1	15	12	11	35	20.2	12	M5	6002ZZ	65	
NSCS-15-12-SB2	15	12	11	35	21.7	12	M5	6202ZZ	65	
NSCS-15-12-SB3	15	12	11	35	19.2	12	M5	6902ZZ	65	

*1 : Hex socket head cap screw is provided.

Part Number	d	B	B ₁	D	D ₁	F	M (coarse) *1	Applicable bearings	Unit : mm	
									Mass (g)	
NSCS-17-12-SB1	17	12	11	35	22.2	13	M5	6003ZZ	61	
NSCS-17-12-SB2	17	12	11	35	24.2	13	M5	6203ZZ	62	
NSCS-17-12-SB3	17	12	11	35	21.2	13	M5	6903ZZ	60	
NSCS-20-12-SB1	20	12	11	40	27.2	14	M5	6004ZZ	78	
NSCS-20-12-SB2	20	12	11	40	29.2	14	M5	6204ZZ	79	
NSCS-20-12-SB3	20	12	11	40	25.2	14	M5	6904ZZ	78	
NSCS-25-15-SB1	25	15	13	45	31.7	17	M5	6005ZZ	111	
NSCS-25-15-SB2	25	15	13	45	33.2	17	M5	6205ZZ	112	
NSCS-25-15-SB3	25	15	13	45	30.2	17	M5	6905ZZ	111	
NSCS-30-15-SB1	30	15	13	55	38.2	20	M6	6006ZZ	169	
NSCS-30-15-SB2	30	15	13	55	40.2	20	M6	6206ZZ	170	
NSCS-30-15-SB3	30	15	13	55	35.2	20	M6	6906ZZ	165	
NSCS-35-15-SB1	35	15	13	60	43.2	23	M6	6007ZZ	189	
NSCS-35-15-SB2	35	15	13	60	46.2	23	M6	6207ZZ	193	
NSCS-35-15-SB3	35	15	13	60	41.2	23	M6	6907ZZ	188	
NSCS-40-17-SB1	40	17	15	70	48.2	26	M8	6008ZZ	298	
NSCS-40-17-SB2	40	17	15	70	52.2	26	M8	6208ZZ	303	
NSCS-40-17-SB3	40	17	15	70	46.2	26	M8	6908ZZ	295	

*1 : Hex socket head cap screw is provided.

- Part number specification

NSCS-10-11-SB2



Cleanroom Wash & Packaging → P.807	Screw Length Adjustment → P.811	Vibration Resistant → P.810	Laser Marking → P.821
Available / Add'l charge	Not Available	Not Available	Available / Add'l charge