

Metal Collar

Standard Grade / Precision Grade I.D. / O.D. Tolerance Selectable / Dimension Configurable



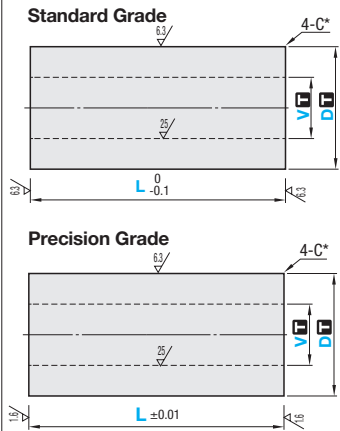
Part Number	M Material	S Surface Treatment
Standard Grade	Precision Grade	
SNCC SNMC SNCB SNMB SNCM SNMM SNCS SNMS	EN 1.1191 Equiv.	Black Oxide
	EN 1.4301 Equiv.	Electroless Nickel Plating

D	I.D. Tolerance Selection			
	G	H	N	X
g6	h7	-	-	-
5.0~8.5	-	-		
9.0~10.0	-0.005 -0.014	0 -0.015		
10.5~18.0	-0.006 -0.017	0 -0.018		
18.5~30	-0.007 -0.020	0 -0.021	-0.1 -0.3	0 -0.2
31~50	-0.009 -0.025	0 -0.025		
51~60	-0.010 -0.029	0 -0.030		

I.D./O.D. Tolerance Price Number List		
D (O.D.)	V (I.D.)	Price No.
G	H	(2)
	N	(1)
	X	(1)
H	H	(2)
	N	(1)
	X	(1)
N	H	(1)
	N	(3)
	X	(3)
X	H	(1)
	N	(3)
	X	(3)

• Guide to Price List
Ex.> When ordering Material EN 1.1191 Equiv.,
O.D. g6, I.D. H7 and L Tolerance ± 0.01
Part Number: SNMC-GH-V4.0-D10.0-L10.0
1. Check the I.D./O.D. Tolerance Price Number List.
(GH is Price Number 2)
2. In the price list of precision grade, find the column of I.D./O.D. tolerance price (2) shown in the price list of precision grade.

V	V Tolerance Selection			
	H	N	X	
H7		-	-	-
3.0	+0.010 0			
3.5~6.0	+0.012 0			
6.5~10.0	+0.015 0			
10.5~18.0	+0.018 0	+0.3 +0.1	+0.2 0	
18.5~30.0	+0.021 0			
30.5~50.0	+0.025 0			
50.5~58.0	+0.030 0			



* D=16 or Less: C0.1 ~ 0.2
D=16.5 or More: C0.5 or Less

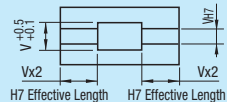
Standard Grade

Part Number	D Tolerance Selection	V Tolerance Selection	V 0.5mm Increment	D	L 0.1mm Increment	Unit Price													
						SNCC			SNCB			SNCM			SNCS				
						Tolerance ①	Tolerance ②	Tolerance ③	Tolerance ①	Tolerance ②	Tolerance ③	Tolerance ①	Tolerance ②	Tolerance ③	Tolerance ①	Tolerance ②	Tolerance ③		
SNCC SNCB SNCM SNCS	G H N X	H N X	3.0~58.0 (V≤D-2) 📌 Refer to the following.	5.0~10.0 0.5mm Increment	10.0~ 25.0														
					25.1~ 50.0														
					50.1~ 64.0														
				10.5~20.0 0.5mm Increment	10.0~ 25.0														
					25.1~ 50.0														
					50.1~ 75.0														
				21~30 1mm Increment	75.1~100.0														
					10.0~ 25.0														
					25.1~ 50.0														
				31~40 1mm Increment	50.1~ 75.0														
					75.1~100.0														
					10.0~ 25.0														
				41~50 1mm Increment	25.1~ 50.0														
					50.1~ 75.0														
					75.1~100.0														
				51~60 1mm Increment	10.0~ 25.0														
					25.1~ 50.0														
					50.1~ 75.0														
					75.1~100.0														

• D≥9 is applicable when G or H is selected as the tolerance values of D and V.
The dimension range of V is shown in the table below.

D	V
9~30	D-V≥6
31~60	D-V≥12

• Machining Limits of V and Overall Length
L≤Vx8



Ordering Example
Part Number - Tolerance Selection - V - D - L
SNCS - G H - V10.0 - D25 - L50.5

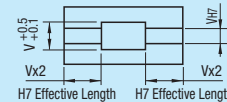
Precision Grade

Part Number	D	V	V 0.5mm Increment	D	L 0.1mm Increment	Unit Price												
	Tolerance Selection	Tolerance Selection				SNMC			SNMB			SNMM			SNMS			
						Tolerance ①	Tolerance ②	Tolerance ③	Tolerance ①	Tolerance ②	Tolerance ③	Tolerance ①	Tolerance ②	Tolerance ③	Tolerance ①	Tolerance ②	Tolerance ③	
SNMC SNMB SNMM SNMS	G H N X	H N X	3.0~58.0 (V≤D-2) 📌 Refer to the following.	0.5mm Increment	5.0~10.0	10.0~ 25.0												
					25.1~ 50.0													
					50.1~ 64.0													
				0.5mm Increment	10.0~ 25.0													
					10.5~20.0	25.1~ 50.0												
					50.1~ 75.0													
				1mm Increment	75.1~100.0													
					21~30	10.0~ 25.0												
					25.1~ 50.0													
				50.1~ 75.0														
				1mm Increment	75.1~100.0													
					31~40	10.0~ 25.0												
					25.1~ 50.0													
				50.1~ 75.0														
				1mm Increment	75.1~100.0													
					41~50	10.0~ 25.0												
					25.1~ 50.0													
				50.1~ 75.0														
				1mm Increment	75.1~100.0													
					51~60	10.0~ 25.0												
					25.1~ 50.0													
				50.1~ 75.0														
				75.1~100.0														

• D≥9 is applicable when G or H is selected as the tolerance values of D and V.
The dimension range of V is shown in the table below.

D	V
9~30	D-V≥6
31~60	D-V≥12

• Machining Limits of V and Overall Length
L≤Vx8



Ordering Example
Part Number - Tolerance Selection - V - D - L
SNMS - G H - V10.0 - D25 - L50.5

Alterations
Part Number - Tolerance Selection - V - D - L -
SNCS - G H - V10.0 - D25 - L50.0 - LCB

Alterations	Negative Tolerance	Positive Tolerance	Zero, Negative Tolerance	Zero, Positive Tolerance
Code	LCB	LCC	LCD	LCE
Changes L Tolerance (L) L -0.1 L -0.2	Changes L Tolerance (L) L +0.3 L +0.1	Changes L Tolerance (L) L 0 L -0.2	Changes L Tolerance (L) L +0.2 L 0	Changes L Tolerance (L) L +0.02 L 0
Applicable to Standard Grade	ORDERING CODE LCB	ORDERING CODE LCC	ORDERING CODE LCD	ORDERING CODE LCE

Alterations	Negative Tolerance	Positive Tolerance	Zero, Negative Tolerance	Zero, Positive Tolerance
Code	LSB	LSC	LSD	LSE
Changes L Tolerance (L) L -0.01 L -0.03	Changes L Tolerance (L) L +0.03 L +0.01	Changes L Tolerance (L) L 0 L -0.02	Changes L Tolerance (L) L +0.02 L 0	Changes L Tolerance (L) L +0.02 L 0
Applicable to Precision Grade	ORDERING CODE LSB	ORDERING CODE LSC	ORDERING CODE LSD	ORDERING CODE LSE