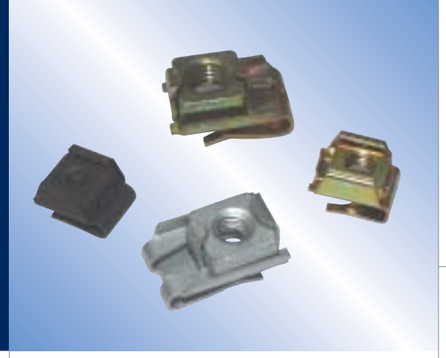
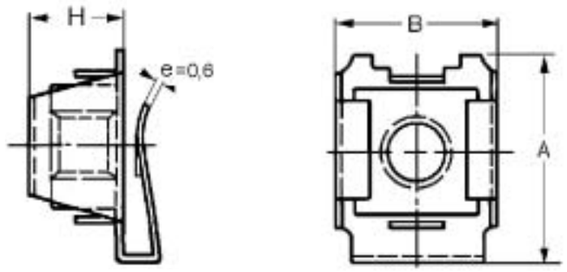


SNAP-ON NUTS

Snap-on caged nuts: Type CJ 4500/ CJ 4800

Recommended use:
These nuts are designed for mounting on the edge of a panel or cornice, after painting or enamelling. They are self-retained in the punched hole whilst providing a degree of play to permit alignment compensation. Type CJ 4800 has the same advantages as Type CJ 4500. Its larger pinching jaw (dimension C) gives it a greater carrying capacity.

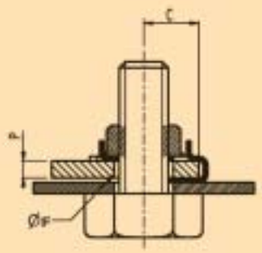
TYPE 1: CJ 4500



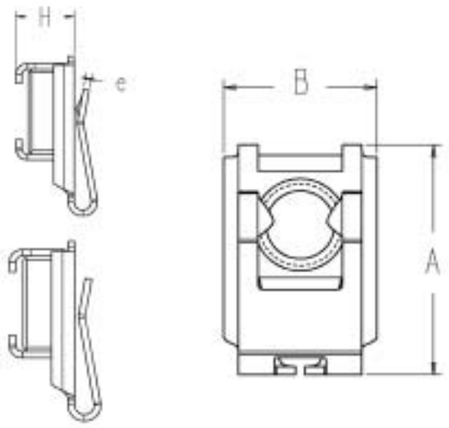
SCREW SIZE	P = PANEL THICKNESS	REFERENCE	A	H	B	C	Ø F	TIGHTENING TORQUE** IN Nm (max)
M4	0.5 to 1.1	CJ 45041 ▲	15.6	6.2	12.1	7.1	6	1.92
M4	1.2 to 1.8	CJ 45042 ▲	15.4	6.2	11.7	6.6	6	1.92
M4	1.9 to 2.5	CJ 45043 ▲	15.3	6.2	11.7	6.2	6	1.92
M4	2.6 to 3.1	CJ 45044 ▲	14.7	6.2	11.7	6.5	6	1.92
M5	0.5 to 1.1	CJ 45051 ▲	15.6	6.2	12.1	7.1	6	3.8
M5	1.2 to 1.8	CJ 45052 ▲	15.4	6.2	12.1	6.6	6	3.8
M5	1.9 to 2.5	CJ 45053 ▲	15.3	6.2	11.7	6.2	6	3.8
M5	2.6 to 3.1	CJ 45054 ZE	14.7	6.2	11.7	6.5	6	3.8
M6	1.2 to 1.8	CJ 45062 ▲	15.6	6.2	11.7	6.8	7	6.6
M6	1.9 to 2.5	CJ 45063 ▲	15.5	6.2	11.7	6.4	7	6.6
M6	2.6 to 3.1	CJ 45064 ZE	14.9	6.2	11.7	6.7	7	6.6

** Values obtained in the lab using a power screwdriver (at 400 rpm) on a hardened steel support with class 8.8 and 12.9 screws (non-lubricated and non-zinc plated).

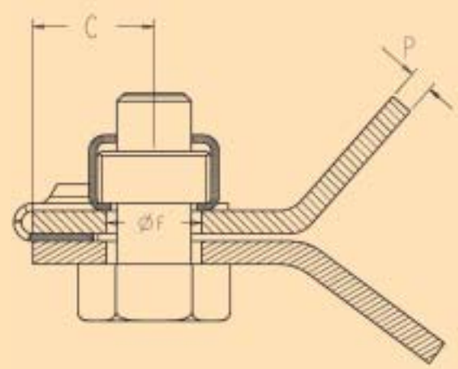
Recommended assembly method:
1. Fit the caged nut on substrate manually or with the aid of a simple tool.
2. The snap-on type caged nut is self-retained on its substrate.



TYPE 2: CJ 4800



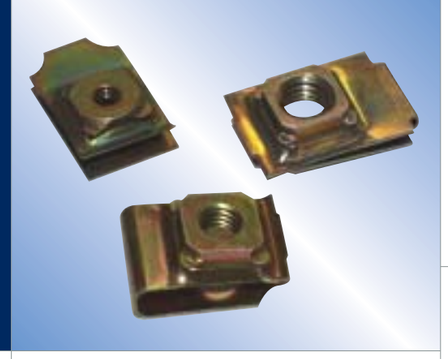
Recommended assembly method:



SCREW SIZE	P = PANEL THICKNESS	REFERENCE	A	H	B	C	Ø F	e	TIGHTENING TORQUE** IN Nm (max)
M5	1.1 to 2	CJ 48151 ▲	22.5	8	14.9	12.7	6	0.8	3.8
M6	1.1 to 2	CJ 48161 ▲	22.5	8	14.9	12.7	7	0.8	6.6
M6	2.1 to 3	CJ 48162 DA	22.4	8	14.9	12.1	7	0.8	6.6
M6	3.1 to 4	CJ 48163 ▲	22.4	8	14.9	11.6	7	0.8	6.6
M8	0.7 to 1	CJ 48180 ZF	22.7	8.3	15.3	12.7	9	1	15.9
M8	1.1 to 2	CJ 48181 ZE	22.7	8.3	15.3	12.7	9	1	15.9
M8	2.1 to 3	CJ 48182 ZE	22.6	8.3	15.3	12.1	9	1	15.9
M8	3.1 to 4	CJ 48183 ZH	22.6	8.3	15.3	11.6	9	1	15.9
M8	4.1 to 5	CJ 48184 ▲	22.5	8.3	15.3	11	9	1	15.9

** Values obtained in the lab using a power screwdriver (at 400 rpm) on a hardened steel support with class 8.8 and 12.9 screws (non-lubricated and non-zinc plated).

	CAGE	NUT
MATERIAL	Treated spring steel	Treated steel
SURFACE TREATMENT	See table on cover flap, except for parts with reference "▲": Phosphating	
COLOUR	See table on cover flap, except for parts with reference "▲": Black paint	

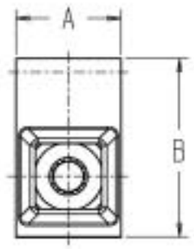


SNAP-ON NUTS

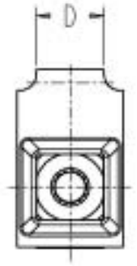
Snap-on caged nuts: Type CNU / SMC

Recommended use:
These elongated caged nuts have a large contact surface. The flexibility of the cage ensures easy assembly, especially in the middle of the panel.

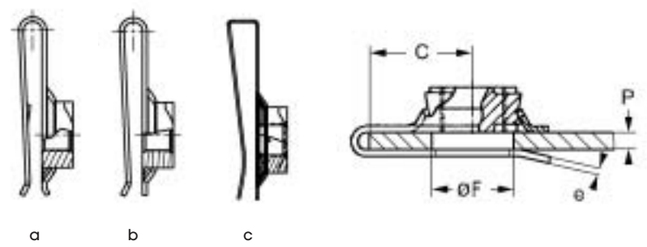
TYPE 1



TYPE 2



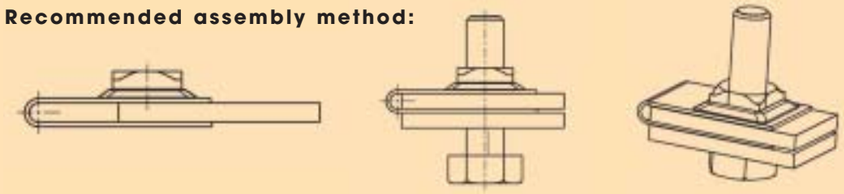
SHAPES



SCREW SIZE	P = PANEL THICKNESS	REFERENCE	A	B	C	D	Ø F	e	TIGHTENING TORQUE** IN Nm (max)	TYPE
M4	1.5 to 2.5	CNU 4554 ZF	24.8	15	14.5	7	8.5	0.4	1.9	2a
M5	1.5 to 2.5	CNU 4555 ZF	24.8	15	14.5	7	8.5	0.4	3.8	2a
M6	0.6 to 1.5	MC 5950 ZHJ	25.9	18	14.9	12.3	6.5	0.7	6.6	2b
M6	1.5 to 2.5	CNU 4556 ZF	24.8	15	14.5	7	8.5	0.4	6.6	2a
M6	4 to 5.3	SMC 6394 ZHJ	21.8	15.8	10.4	15.8	7.5	0.6	6.6	1c
M8	0.5 to 1.5	MC 5988 ZHJ	26.6	18	15	12	9	0.7	15.9	2b
M8	2.7 to 3.1	CNU 45155 ZE	24.5	19	11.6	19	8.5	0.8	15.9	1c
M8	4 to 5	SMC 7403 TRJ	22.4	15.8	10	15.8	9	0.6	15.9	1c

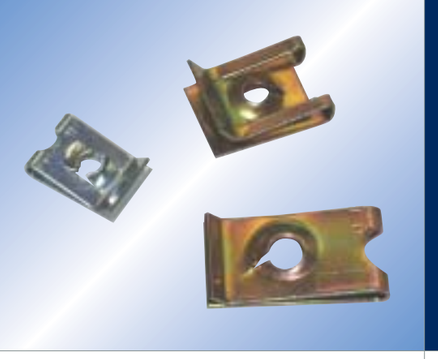
** Values obtained in the lab using a power screwdriver (at 400 rpm) on a hardened steel support with class 8.8 and 12.9 screws (non-lubricated and non-zinc plated).

Recommended assembly method:



1. Fit the nut manually on the substrate.
2. The caged nut is self-retained on its substrate.

	CAGE	NUT
MATERIAL	Treated spring steel	Treated steel
SURFACE TREATMENT	See table on cover flap	See table on cover flap
COLOUR	See table on cover flap	See table on cover flap

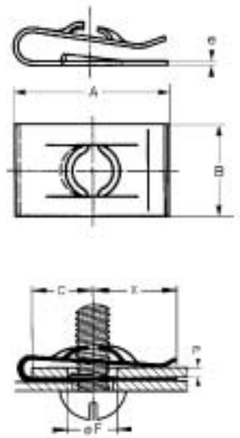


SNAP-ON NUTS

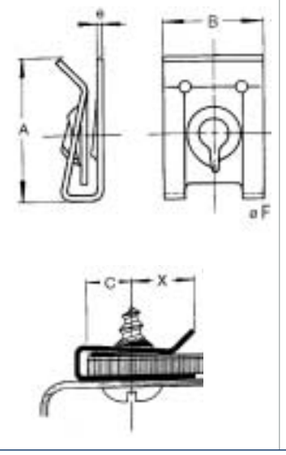
Snap-on nuts: Type NU / SNU

Recommended use:
These nuts can simply be pushed onto the edge of a metal panel. They automatically clip into self-retained position. The punched hole can provide clearance (play) to allow alignment errors to be corrected. These nuts can be dismantled and reused at any time.

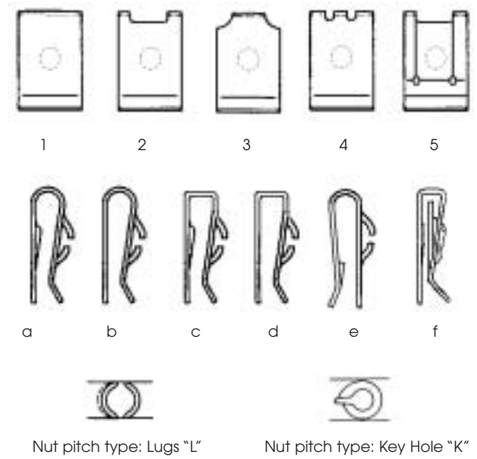
TYPE 1



TYPE 2



SHAPES



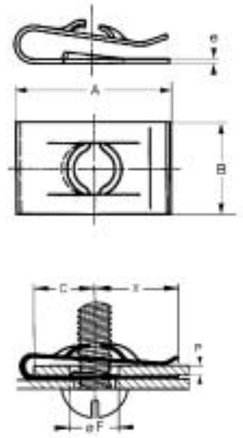
FOR METRIC SCREWS

SCREW SIZE	P = PANEL THICKNESS	REFERENCE	A	B	C	X	e	Ø F	TYPE	SHAPE	NUT PITCH	TIGHTENING TORQUE** IN Nm (max)
M3	0.4 to 1.3	NU 05031 ■	12.1	8	6	5	0.3	5	1	1a	L	0.4
M3	1.4 to 2.3	NU 05032 ■	11.8	8	5	5	0.3	5	1	1a	L	0.4
M3	2.4 to 3.3	NU 05033 ■	11.6	8	4.5	5	0.3	5	1	1a	L	0.4
M4	0.4 to 1.2	NU 05041 ■	16.4	10	7	8	0.4	6	1	1a	L	0.8
M4	1 to 2	NUL 0501 ■	18.1	10	8.5	8	0.4	6	1	1a	L	0.8
M4	4.5 to 5	NUL 0525 ■	19.5	10	9	9	0.4	5	1	1b	L	0.8
M5	5.4 to 6.8	NU 05152 ■	21.2	12	10	10	0.5	7	1	1a	L	1.8
M5	2.1 to 2.5	NUL 05212 ZE	20.7	12	9	10	0.5	7	1	2a	L	1.8
M5	2.7 to 4.2	NUL 05213A DC	20	12	7.5	9.1	0.5	7	1	2a	L	1.8
M5	4.8 to 5.3	NUS 2209 ZH	12.9	12	5	6.8	0.5	6	1	2b	L	1.8
M5	0.5 to 1.8	NUS 2210 ■	14.8	12	6.5	6.8	0.5	7	1	3a	L	1.8
M6	0.3 to 0.9	NUS 22191 DL	16.9	16	9	6.6	0.5	8	1	2a	L	3
M6	1 to 1.8	NUS 22192 ■	16.7	16	8.5	6.6	0.5	8	1	2a	L	3
M6	1.9 to 3	NUS 22193 ■	16.4	16	7.5	6.6	0.5	8	1	2a	L	3
M6	3.1 to 4.2	NUS 22194 ■	16	16	6.5	6.6	0.5	8	1	2a	L	3
M8	0.6 to 2.1	NU 05081 ■	27.3	16	12.5	13	0.6	9.5	1	1a	L	5
M8	2.2 to 3.1	NU 05082 ■	27	16	11.5	13	0.6	9.5	1	1a	L	5

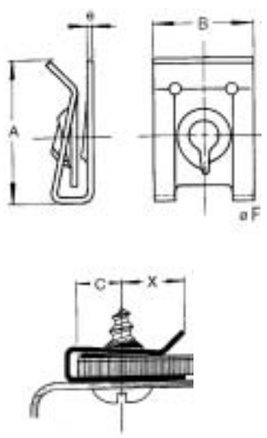
** Values obtained in the lab using a power screwdriver (at 400 rpm) on a hardened steel support with class 8.8 and 12.9 screws (non-lubricated and non-zinc plated).

TYPE 1

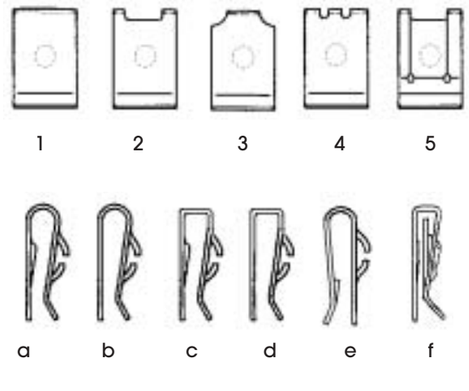
FASTENER



TYPE 2



SHAPES



FOR METAL PANEL SCREWS

SCREW SIZE	P = PANEL THICKNESS	REFERENCE	A	B	C	X	e	Ø F	TYPE	SHAPE	NUT PITCH	TIGHTENING TORQUE ** IN Nm (max)
n°4 2.9	2 to 2.5	NUL 05374 DC	11.9	8	5	5	0.5	4.9	1	1a	L	1
n°4 2.9	0.7 to 1.2	SNU 1812 PHJ	11.1	7.9	4.8	5	0.5	4.8	1	1a	L	
n° 4 2.9	1.2 to 2	SNU 5079 ZHJ	10.7	7.9	4	4.9	0.5	4.8	1	1a	L	1
n° 4 2.9	2.2 to 2.8	SNU 5815 ZZC	10.7	7.9	4	4.9	0.5	4.8	1	1a	K	1
n° 4 2.9	2 to 2.2	SNU 7283A TGJ	9.5	15	4	3.7	0.5	5	1	4a	K	1
n° 6 3.5	0.5 to 4	NU 0923 ▲	20	14	8.8	10	0.5	6	2	5f	K	1.5
n° 6 3.5	0.6 to 1.8	SNU 5552 ZBJ	10.3	7.9	3.8	4.9	0.6	6	1	1a	K	1.5
n° 6 3.5	0.7 to 1.6	SNU 1219 ▲	16.4	11	6.7	7.9	0.6	6	1	2a	L	1.5
n° 6 3.5	1.75 to 4	SNU 6856 ZHJ	15.2	11	6	7.9	0.5	6	1	2b	K	1.5
n° 6 3.5	2 to 3	NUL 0528A RDB ■	16.4	10	9	5.5	0.5	6.3	1	1a	K	1.5
n° 6 3.5	2.3 to 2.8	SNU 6635 ▲	14.5	9	5.8	8	0.5	6	1	1b	K	1.5
n° 6 3.5	4 to 4.5	SNU 6402 PPJ	25.2	9.5	12.5	8.5	0.6	6	1	2a	L	1.5
n° 7 3.9	0.7 to 1.6	SNU 5743 ZHJ	16.5	11	6.7	8.5	0.6	7.2	1	2a	L	1.8
n°7 3.9	1.6 to 2	NUL 05313 ▲	12	9	6	4.4	0.6	6	1	3e	L	1.8
n° 7 3.9	2.1 to 2.5	NUL 05314 ▲	11.8	9	5	4.4	0.6	6	1	3e	L	1.8
n° 8 4.2	0.5 to 1.5	SNU 6828 ZZD ■	15.9	8.7	8.7	6.4	0.7	5.1	1	1b	L	2
n° 8 4.2	0.5 to 4	NU 0920A DA	20	14	8.8	10	0.5	7	2	5f	K	2
n° 8 4.2	0.6 to 1.4	NUS 22171 ▲	16	12	8.5	5.6	0.6	6	1	2a	L	2
n° 8 4.2	0.7 to 1	NUL 05461 CB	12.2	9	6.5	4.4	0.6	6	1	3e	L	2
n° 8 4.2	0.7 to 1.6	SNU 0536 ZGJ	16.5	11	6.7	7.9	0.6	7.2	1	2a	L	2
n° 8 4.2	0.7 to 1.6	SNU 1561 ▲	24.6	11.1	15	7.9	0.6	7.2	1	2a	L	2
n° 8 4.2	0.7 to 1.6	SNU 5527 ▲	16.5	11	6.7	7.8	0.7	7.2	1	2a	L	2
n° 8 4.2	0.7 to 1.6	SNU 6161 ZGJ	17	11.3	6.7	7.9	0.6	7.2	1	2a	K	2
n° 8 4.2	0.8 to 1.5	NUS 2214 ZF	13	12	6.2	5	0.6	6	1	2a	L	2
n° 8 4.2	1	SNU 6025 ZB	13.5	12	6	5.7	0.6	4.5	1	2b	K	2

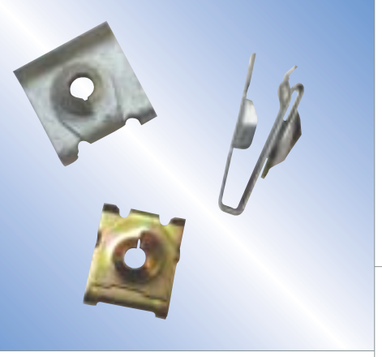
SCREW SIZE	P = PANEL THICKNESS	REFERENCE	A	B	C	X	e	ØF	TYPE	SHAPE	NUT PITCH	TIGHTENING TORQUE ** IN Nm (max)
n° 8 4.2	1.0 to 1.6	SNU 5682 ZBJ	13.9	12.7	5.6	6.4	0.7	7.2	1	2a	L	2
n° 8 4.2	1.2 to 2.2	SNU 5783 ZHJ	16.5	11	6.8	7.9	0.6	6.5	1	2b	L	2
n° 8 4.2	1.4 to 2.5	NUL 05242 DC	20.8	12	9	10	0.6	7	1	2a	L	2
n° 8 4.2	1.5 to 2.5	NUL 5392A ZZB ■	13.5	9.5	6.5	5.8	0.6	6	1	2a	K	2
n° 8 4.2	1.5 to 3.0	NUL 0549A ZYB ■	20.5	12	8.8	9.5	0.6	6	1	1a	K	2
n° 8 4.2	1.5 to 4.0	SNU 6792 BHJ	16	11	5	7.9	0.6	7.2	1	2a	K	2
n° 8 4.2	1.5 to 4.0	SNU 6805 DDJ	15.8	11	6.3	7.9	0.6	7.5	1	2a	K	2
n° 8 4.2	1.8 to 2.2	NUL 0601 ZH	11.5	12	5	5.5	0.6	4.5	1	2b	L	2
n° 8 4.2	2.0 to 2.5	NUL 5071B DC	13.8	9	6.8	6.1	0.5	6	1	4a	K	2
n° 8 4.2	2.5 to 3.2	NUL 5187B	16.3	10	8.5	5.5	0.6	5	1	1b	L	2
n° 8 4.2	3.0 to 4.0	NUL 0534 SC	17.1	11	6.6	7.8	0.6	5	1	1b	L	2
n° 8 4.2	3.8 ç 4.2	NUL 0536 ZF	13.2	9	6	5.6	0.6	6	1	1a	L	2
n° 8 4.2	5.0 to 7.0	NUL 0622 ZH	20	10	10	9	0.6	5	1	1b	L	2
n° 10 4.8	0.4 to 1.9	NUL 0533 ▲	26	9	14	10	0.6	6.5	1	1a	L	3.5
n° 10 4.8	0.5 to 4.0	NU 0921 ZF	20	14	8.8	10	0.6	7	2	5f	K	3.5
n° 10 4.8	0.7 to 1.5	SNU 5594 C	20	12.7	7.9	9.5	0.7	8	1	1b	L	3.5
n° 10 4.8	0.9 to 2.0	SNU 0537 ZGJ	19.8	12.7	7.9	9.6	0.7	8	1	1a	L	3.5
n° 10 4.8	0.9 to 2.0	SNU 6723 ZGJ	20	13	9.4	9.5	0.7	8	1	1a	L	3.5
n° 10 4.8	0.9 to 2.0	SNU 6740 ▲	19.5	12.5	8.4	9.5	0.6	6	1	2b	K	3.5
n°10 4.8	1.1 to 2.5	NUL 05062 ▲	20.9	12	9	10	0.7	7	1	2a	L	3.5
n° 10 4.8	1.5 to 2.8	SNU 5774 ZHJ	18	16	9	6.8	0.7	6	1	2b	L	3.5
n° 10 4.8	2 to 2.5	SNU 6979 ▲	11.1	12	4.5	6	0.6	8	1	3b	K	3.5
n° 10 4.8	2.0 to 3.0	SNU 7207 ▲	19.8	12.7	7.9	9.6	0.7	8	1	1b	L	3.5
n° 10 4.8	2.0 to 3.0	SNU 7311B TKJ	17	11.3	7	7.9	0.6	5.5	1	2b	K	3.5
n° 10 4.8	2.0 to 5.0	SNU 6899 ZNJ	18.5	16	9	9.5	0.8	7.5	1	2a	L	3.5
n° 10 4.8	2.5 to 3.2	NUS 22073 ▲	14.1	12	5.5	6.3	0.7	7	1	2a	L	3.5
n° 10 4.8	3 to 3.5	SNU 7248 TRJ	23.7	16	11	11	0.7	8	1	2b	K	3.5
n°10 4.8	5.0 to 6.0	NUL 0532 ZH	19	12	7.5	10	0.7	7	1	1a	L	3.5
n° 10 4.8	6.1 to 6.4	SNU 2012 ZBJ	22.2	17.5	10.3	7.9	0.7	8	1	2a	L	3.5
n° 12 5.5	0.8 to 1.6	NUS 22202 ▲	19	16	9	8	0.8	8	1	2a	L	4
n° 12 6.3	0.8 to 1.8	SNU 5113 ZHJ	27.3	14.3	13	12.3	0.9	10.2	1	2a	K	6
n° 12 5.5	0.9 to 2.6	SNU 0538 ZHJ	26.2	15.1	11.1	12.4	0.8	10	1	2a	L	4
n° 12 6.3	2.5 to 4.0	SNU 5418 ZHJ	25.7	16	10	12.4	0.9	10	1	1a	K	6
n° 12 5.5	2.6 to 3.5	SNU 6366 NFJ	19	13	7.7	9.7	0.8	8	1	2b	K	4
n° 14 6.35	5.0 to 8.0	NUL 0553 ZZB ■	24	16	9	12.3	0.6	9.5	1	1a	K	6

** Values obtained in the lab using a power screwdriver (at 400 rpm) on a hardened steel support with class 8.8 and 12.9 screws (non-lubricated and non-zinc plated).

	NUT
MATERIAL	Treated spring steel, except for parts with reference " ■ ": stainless steel
SURFACE TREATMENT	See table on cover flap, Except for parts with reference " ▲ ": Phosphating
COLOUR	See table on cover flap, except for parts with reference "▲": Black paint

Recommended assembly method:

1. Fit the nut onto the substrate manually or with the aid of a simple tool.
2. When fastened the nut is self-retained in position.

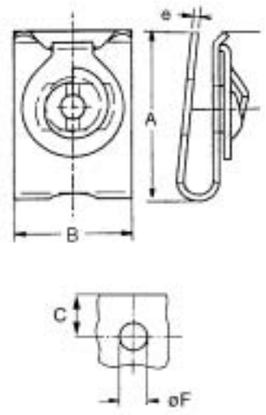


SNAP-ON NUTS

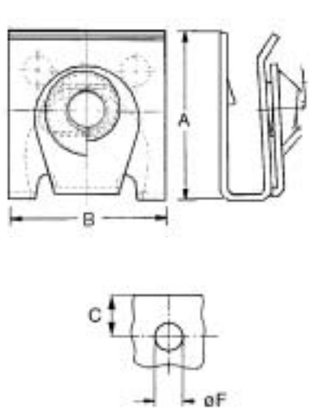
Snap-on anti-vibration nuts: Type SNK

Recommended use:
These nuts are designed for applications exposed to higher mechanical stresses compared to the standard NU/SNU-type snap-on nuts. They provide good resistance to axial extraction and vibration. Their special design reduces creep when used with plastic materials.

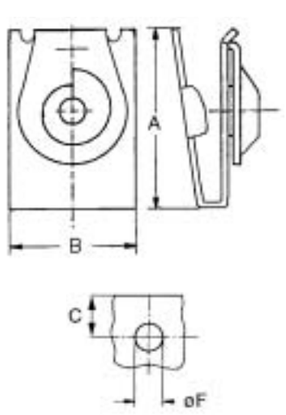
TYPE 1



TYPE 2



TYPE 3

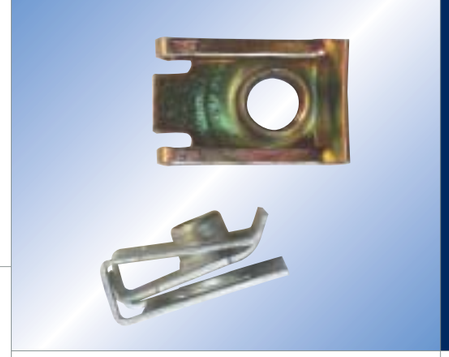


SCREW SIZE	P = PANEL THICKNESS	REFERENCE	A	B	C	Ø F	e	TYPE	TIGHTENING TORQUE ** IN Nm (max)
n° 7 3.9	0.6 to 1.2	SNK 7166 ZGK	15.6	13	6.1	7	0.5	1	1.8
n° 10 4.8	0.9 to 2	SNK 6617 ▲	18.6	12.7	8.1	6	0.7	1	3.5
n° 10 4.8	3.5	SNK 7275 ▲	16.9	16	7.5	6	0.7	2	3.5
n° 12 5.5	2.5	SNK 7274 BTGL	22.5	18	10	10.5	0.5	3	4.5
n° 12 5.5	3	SNK 7200A THL	22	18	10	11	0.5	3	4.5

** Values obtained in the lab using a power screwdriver (at 400 rpm) on a hardened steel support with class 8.8 and 12.9 screws (non-lubricated and non-zinc plated).

Recommended assembly method:
1. Fit the nut onto the substrate manually or with the aid of a simple tool.
2. When fastened the nut is self-retained in position.

	NUT
MATERIAL	Treated spring steel
SURFACE TREATMENT	See table on cover flap, except for parts with reference " ▲ ": Phosphating
COLOUR	See table on cover flap, except for parts with reference " ▲ ": Black paint

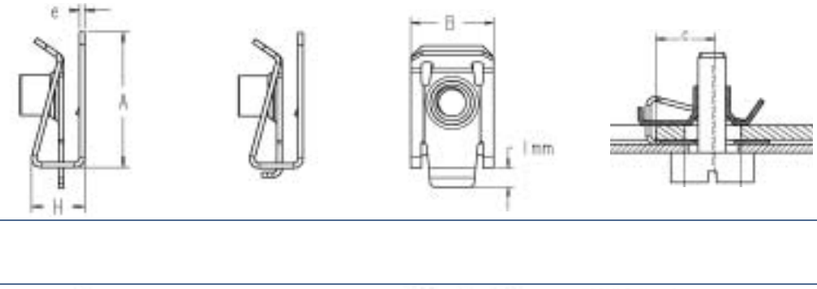


SNAP-ON NUTS

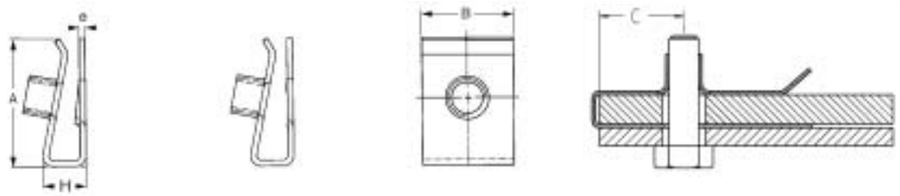
Snap-on nuts with tapped drum: Type NUT

Recommended use:
These nuts are designed to permit blind assembly at the edge and middle of panels. They withstand high tightening torques. Depending on the particular model, they can be used with a wide range of panel thicknesses. They can be fitted to thin panels manually but require a tool for higher thicknesses. The nut is self-retained in the punched hole.

TYPE 1



TYPE 2



SCREW SIZE	P = PANEL THICKNESS	SHAPE	REFERENCE	A	H	B	C	Ø F	e	TIGHTENING TORQUE ** IN Nm (max)
M5	0.5 to 4	1	NUT 8415A ZH	20	8.2	14	11.5	7.5	0.7	3.8
M5	0.5 to 4	1	NUT 8445A ZH	20-21	8.2	14	11.4	7.5	0.7	3.8
M5	2.5 to 5	1	NUT 8465A ZH	20	8.2	14	11.7	7.5	0.7	3.8
M6	0.5 to 4	1	NUT 8376A DL	20	8.6	15	12.5	8.5	0.8	6.6
M6	0.5 to 4	1	NUT 5246C ZH	22.3	8.6	15	12.5	8.5	0.8	6.6
M6	2.8 to 3.2	2	NUT 0986 ZZE ■	22.2	5.8	15	11	8.5	0.7	6.6
M6	3.5 to 5	1	NUT 8616 DL	22.3	8.6	15	12.5	8.5	0.8	6.6
M6	5	2	NUT 0966B SR ●	26.8	7.4	22	13.4	7	0.7	6.6
M8	0.5 to 4	1	NUT 0978 SJ	25.4	7.5	16.3	12	9	1	15.9
M8	0.5 to 4	1	NUT 0958D ZH	25.4	7.6	16.7	12	11.6	1	15.9

** Values obtained in the lab using a power screwdriver (at 400 rpm) on a hardened steel support with class 8.8 and 12.9 screws (non-lubricated and non-zinc plated).
"●" Self-locking variant.

Recommended assembly method:
1. Fit the nut into the substrate manually or with the aid of a simple tool.
2. The snap-on nut is self-retained on its substrate.
3. Engage the screw in the nut.
4. Tighten to complete the assembly.

	NUT
MATERIAL	Treated spring steel, except for parts with reference " ■ ": stainless steel
SURFACE TREATMENT	See table on cover flap
COLOUR	See table on cover flap