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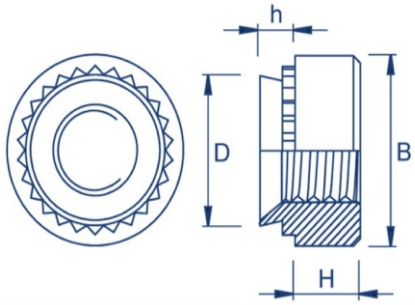
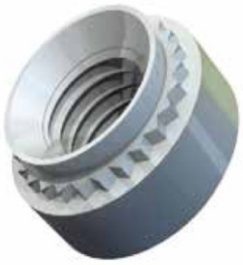
CLINCH NUT

Stainless Steel : MV-CLS





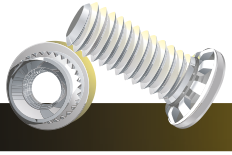
Metric Dimensions : MV-CLS

Thread	M2, M2.5, M3				M3alt			M3.5			M4			
Code	-0	-1	-2	-3	-0	-1	-2	-0	-1	-2	-0	-1	-2	-3
D max	4.20				4.73			4.73			5.38			
B ±0.2	6.35				7.1			7.1			7.95			
H ±0.25	1.5				1.5			1.5			2.0			
h max	0.77	0.97	1.38	2.21	0.77	0.97	1.38	0.77	0.97	1.38	0.77	0.97	1.38	2.21
Min rec sheet thickness	0.8	1.0	1.4	2.3	0.8	1.0	1.4	0.8	1.0	1.4	0.8	1.0	1.4	2.3
Hole size +0.08 -0.00	4.22				4.75			4.75			5.41			
Min distance to edge of sheet	4.8				5.6			5.6			6.9			

Thread	M5				M6				M8			M10		M12
Code	-0	-1	-2	-3	0	-1	-2	-3	-1	-2	-3	-1	-2	-1
D max	6.33				8.73				10.47			13.97		16.95
B±0.2	8.75				11.10				12.65			17.35		20.55
H ±0.25	2.0				4.08				5.47			7.48		8.5
h max	0.77	0.97	1.38	2.21	1.15	1.38	2.21	3.05	1.38	2.21	3.05	2.21	3.05	3.05
Min rec sheet thickness	0.8	1.0	1.4	2.3	1.2	1.4	2.3	3.2	1.4	2.3	3.2	2.31	3.18	3.18
Hole size +0.08 -0.00	6.35				8.75				10.5			14.0		17
Min distance to edge of sheet	7.1				8.6				9.7			13.5		16

Metric Dimensions : MV-H Non Locking Nuts - Zinc Plated Steel

Thread	Type	h max	Min sheet thickness	Hole size in sheet +0.13	D max	B ±0.25	H ±0.13	Min dist hole to edge
	Non locking							
M10	H	1.48	1.48	12.7	12.67	16.5	7.9	12



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Metric Performance Data: MV-CLS

Thread	M2, M2.5			M3				M3alt			M3.5			M4			
Code	0	-1	-2	0	-1	-2	-3	0	-1	-2	0	-1	-2	0	-1	-2	-3
Installation (kN)	11.2 - 15.6			11.2 - 15.6				13.4 - 26.7			13.4 - 26.7			18 - 27			
Torsional resistance (Nm)	1.5	1.75	2	1.5	1.75	2	2.1	1.8	2.4	2.4	1.8	2.4	2.4	3	4	5	4.2
Pushout (N)	480	560	1020	480	560	1020	1110	485	575	1200	485	575	1200	495	650	1255	1300

Thread	M5				M6			M8			M10		M12
Code	0	-1	-2	-3	-1	-2	-3	-1	-2	-3	-1	-2	-1
Installation (kN)	18 - 38				27 - 36			27 - 36			32 - 50		33-49
Torsional resistance (Nm)	3.7	4.5	6.9	6	17.1	17.1	16.4	18.8	20.4	18.1	36.1	36.1	73.9
Pushout (N)	535	801	1115	1500	1765	1765	1755	1870	1870	1860	2021	2021	3065

S - Recommended for use in sheet hardness: HRB 80 Maximum
CLS - Recommended for use in sheet hardness: HRB 70 Maximum
SP - Recommended for use in sheet hardness: HRB 90 Maximum
CLA - Recommended for use in sheet hardness: HRB 50 Maximum
H - Recommended for use in sheet hardness: HRB 60 Maximum

These tests have been conducted in laboratory conditions, these figures should therefore be used for guidance only.

SPECIFICATIONS & DETAILS			
MVD PART CODE	MVCLSXXXX	MVD DESCRIPTION	CLINCH NUT CLS-XXX
DRAWN BY	ABHISHEK	APPROVED BY	MAGESH
DRAWING REV. NO	00	MATERIAL	STAINLESS STEEL 304
DATE		FINISH	SELF
			ALL DIMENSIONS ARE IN MM, UNLESS SPECIFIED