

Size →	M2x0.4	M2.5x0.45	M3x0.5	M3.5x0.6	M4x0.7	M5x0.8	M6x1.0	M8x1.25
a max	1.95	1.95	2.10	2.25	2.40	2.70	3.00	3.70
d2 ±0.4	3.50	4.10	4.60	4.60	5.90	6.50	8.20	9.60
Hole size in sheet +.08	1.00	2.50	3.00	3.50	4.00	5.00	6.00	8.00
Min sheet thickness	1.00	1.00	1.00	1.00	1.00	1.00	1.60	2.40
Hole centre to edge min	1.00	5.40	5.60	6.40	7.20	7.20	7.90	9.60

Quote the item code given below with your order/ inquiries:

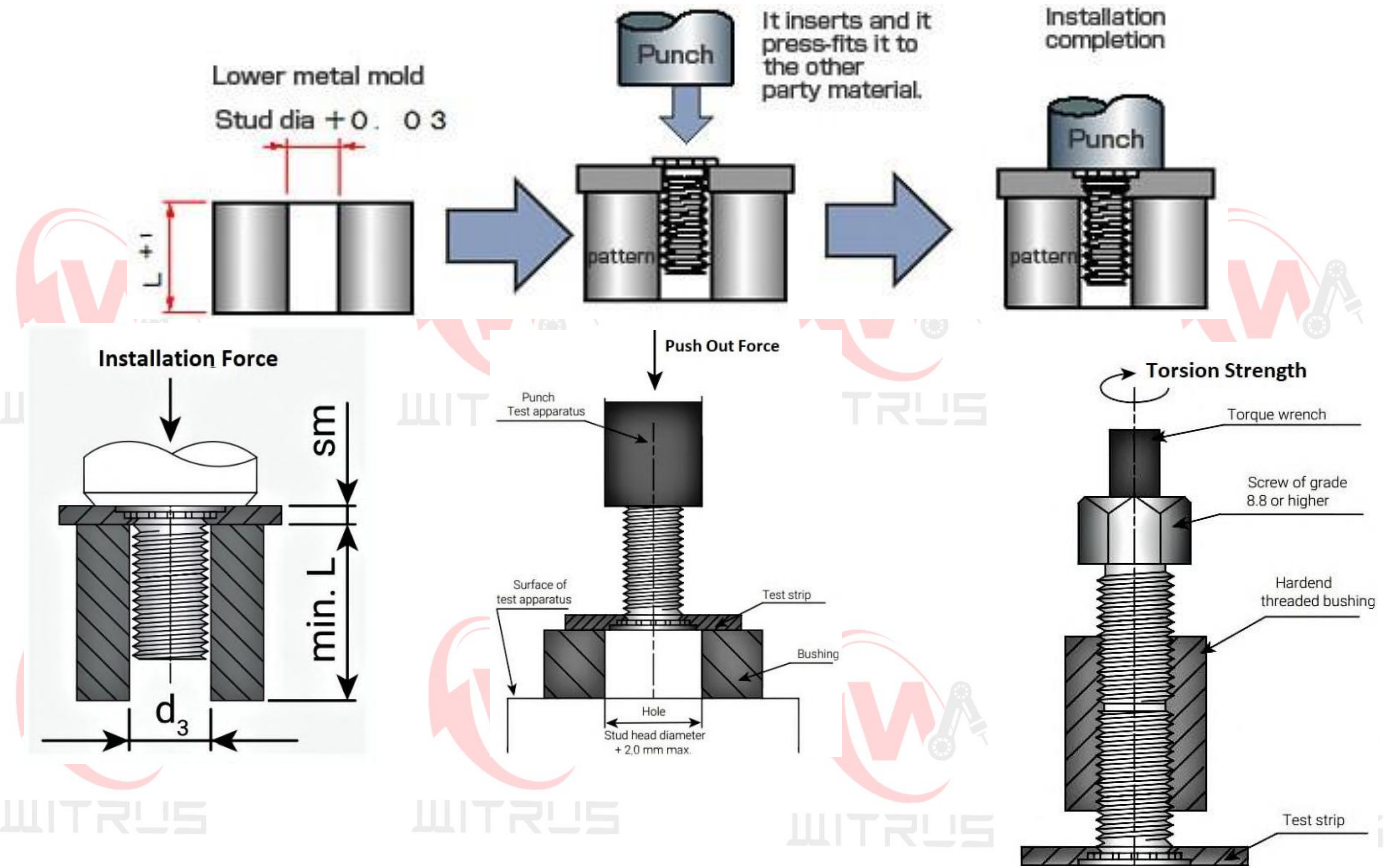
Dimensions in mm

Length±0.4↓	M2x0.4	M2.5x0.45	M3x0.5	M3.5x0.6	M4x0.7	M5x0.8	M6x1.0	M8x1.25
4	WFMS3S02004	WFMS3S20504	WFMS3S03004	WFMS3S30504	WFMS3S04004	WFMS3S05004		
5	WFMS3S02005	WFMS3S20505	WFMS3S03005	WFMS3S30505	WFMS3S04005	WFMS3S05005		
6	WFMS3S02006	WFMS3S20506	WFMS3S03006	WFMS3S30506	WFMS3S04006	WFMS3S05006		
8	WFMS3S02008	WFMS3S20508	WFMS3S03008	WFMS3S30508	WFMS3S04008	WFMS3S05008	WFMS3S06008	
10	WFMS3S02010	WFMS3S20510	WFMS3S03010	WFMS3S30510	WFMS3S04010	WFMS3S05010	WFMS3S06010	WFMS3S08010
12	WFMS3S02012	WFMS3S20512	WFMS3S03012	WFMS3S30512	WFMS3S04012	WFMS3S05012	WFMS3S06012	WFMS3S08012
15	WFMS3S02015	WFMS3S20515	WFMS3S03015	WFMS3S30516	WFMS3S04015	WFMS3S05015	WFMS3S06015	WFMS3S08015
18	WFMS3S02018	WFMS3S20518	WFMS3S03018	WFMS3S30520	WFMS3S04018	WFMS3S05018	WFMS3S06018	WFMS3S08018
20	WFMS3S02020	WFMS3S20520	WFMS3S03020	WFMS3S30520	WFMS3S04020	WFMS3S05020	WFMS3S06020	WFMS3S08020
22	WFMS3S02022	WFMS3S20522	WFMS3S03022	WFMS3S30520	WFMS3S04022	WFMS3S05022	WFMS3S06022	WFMS3S08022
25	WFMS3S02025	WFMS3S20525	WFMS3S03025	WFMS3S30525	WFMS3S04025	WFMS3S05025	WFMS3S06025	WFMS3S08025
30		WFMS3S20530	WFMS3S03030	WFMS3S30530	WFMS3S04030	WFMS3S05030	WFMS3S06030	WFMS3S08030
35			WFMS3S03035	WFMS3S30535	WFMS3S04035	WFMS3S05035	WFMS3S06035	WFMS3S08035
40			WFMS3S03040	WFMS3S30540	WFMS3S04040	WFMS3S05040	WFMS3S06040	WFMS3S08040
45					WFMS3S04045	WFMS3S05045	WFMS3S06045	WFMS3S08045
50					WFMS3S04050	WFMS3S05050	WFMS3S06050	WFMS3S08050



Self Clinching Stud

Mechanical Properties



Test Sheet Thickness & Material
 AL - Aluminium 1.6 mm 29 HRB
 ST - Steel 1.5 mm 59 HRB

Size →	M2x0.4	M2.5x0.45	M3x0.5	M3.5x0.6	M4x0.7	M5x0.8	M6x1.0	M8x1.25
Nut tightening torque Max Nm	0.30	0.41	0.74	1.15	1.70	3.50	5.90	14.20
AL Press-in Force (Installation)kN	6.10	8.90	12.90	15.60	20.00	24.50	28.90	29.80
ST	8.20	11.10	14.70	22.30	28.90	33.40	44.50	44.50
AL Push-out Force N	360	465	600	800	975	1070	1660	1910
ST	480	740	820	1335	1780	2000	2560	2890
AL Torsional Strength Nm	0.45	1.00	1.70	1.70	2.90	3.50	7.30	11.30
ST				2.80	4.20	6.50	11.30	19.20
AL Pull thru resistance N	1500.00	2600	3150	3780	4440	5170	10200	10500
ST	1800.00	2800	3840		5650	6270	11300	15450