



MATRIX TOOL INC.
ADVANCED MOLDING AND TOOLING

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NISSEI ADVANCED PRECISION MOLDING

PRESS #	PRESS MAKE	PRESS MODEL	PRESS SIZE (T)	AVAILABLE SHOT SIZE (oz)	Ø TIE BAR (in)	TIE BAR SPACING (in)		MOLD HEIGHT (in)		OPEN DAYLIGHT (in)	CLAMP STROKE (in)	EJECTOR STROKE (in)	Ø SCREW (mm)	INTENSIFICATION RATIO	MAX PLASTIC PRESSURE (psi)	PRESS #	CONTROLLER TYPE	CAPABILITIES			PLATEN KNOCK OUT LOCATIONS (mm)								Ø KNOCK OUT (mm)	PLATEN DIMENSIONS (in)			DISTANCE TO DOORS (in)		
						HORIZONTAL	VERTICAL	MIN	MAX									RIG	CORE PULL	VALVE GATE	A	B	C	D	E	F	G	H		J	K	M	N	P	
1	NEX 1000	9E-AA	89	2.0	2.36	15.2	15.2	7.9	15.6	27.0	11.8	3.00	26	1:1	38,435	1	TACT				88.9	100	88.9	100	x	x	x	x	x	35	21.5	21.5	18.0	19.7	
2	NEX 1000	5E-A	89	1.2	2.36	15.2	15.2	9.4	19.1	30.9	11.8	3.00	22	1:1	36,970	2	TACT				88.9	100	88.9	100	x	x	x	x	x	35	21.5	21.5	18.0	19.7	
3	NEX 1000	5E-A	89	1.2	2.36	15.2	15.2	9.4	19.1	30.9	11.8	3.00	22	1:1	36,970	3	TACT				88.9	100	88.9	100	x	x	x	x	x	35	21.5	21.5	18.0	19.7	
4	FN 2000	18A	123	4.7	2.36	16.5	16.5	7.9	Δ	28.3	20.5	3.30	36	16.1:1	32,280	4	9300	✓			88.9	x	88.9	x	x	x	x	x	x	35	23.9	23.9	22.0	24.0	
5B	FNX 110	18A-AA	123	3.8	2.75	18.1	18.1	7.9	Δ	28.3	20.5	3.30	32	19.2:1	38,400	5B	TACT IV	✓			88.9	x	88.9	x	x	x	x	x	x	35	25.5	25.5	19.7	22.5	
6B	FNX 110	18A-A	123	4.9	2.75	18.1	18.1	7.9	Δ	28.3	20.5	3.30	36	16.14:1	32,280	6B	TACT IV	✓			88.9	x	88.9	x	x	x	x	x	x	35	25.5	25.5	19.7	22.5	
7B	FNX 110	18A-AA	123	3.8	2.75	18.1	18.1	7.9	Δ	28.3	20.5	3.30	32	19.2:1	38,400	7B	TACT IV	✓			88.9	x	88.9	x	x	x	x	x	x	35	25.5	25.5	19.7	22.5	
15B	FNX 110	18A-A	123	4.9	2.75	18.1	18.1	7.9	Δ	28.3	20.5	3.30	36	16.14:1	32,280	15B	TACT	✓			88.9	x	88.9	x	x	x	x	x	x	35	25.5	25.5	19.7	22.5	
15C	FNX 110A	12A-A ***	123	3.4	2.75	18.1	18.1	7.9	Δ	28.3	20.5	3.30	32	16.4:1	32,850	15C	TACT IV	✓			88.9	x	88.9	x	x	x	x	x	x	35	25.5	25.5	17.3	22.1	
16	FN 80	5A-BB **	89	1.9	2.20	15.2	15.2	7.9	Δ	26.4	18.5	3.00	28	13:1	26,100	16	TACT	✓			88.9	x	88.9	x	x	x	x	x	x	35	21.5	21.5	21.3	19.7	
17	NEX 50	5E-A	55	1.2	1.97	14.2	14.2	6.7	16.1	26.0	11.8	2.80	22	1:1	36,970	17	TACT	✓	✓		88.9	100	88.9	100	x	x	x	x	x	35	19.9	19.9	20.9	20.6	
21B	NEX 50	5E-A	55	1.2	1.97	13.0	13.0	6.7	14.2	24.0	9.8	2.80	22	1:1	36,970	21B	TACT	✓			88.9	100	88.9	100	x	x	x	x	x	35	19.9	19.9	20.3	20.0	
24	FN 80	5A-B **	89	1.6	2.20	15.2	15.2	7.9	Δ	26.4	18.5	3.00	26	15.1:1	30,305	24	TACT	✓			88.9	x	88.9	x	x	x	x	x	x	35	21.5	21.5	21.3	19.7	
26	FNX 110	18A-A	123	4.9	2.75	18.1	18.1	7.9	Δ	28.3	20.5	3.30	36	16.14:1	32,280	26	TACT IV	✓			88.9	x	88.9	x	x	x	x	x	x	35	25.5	25.5	19.7	22.5	
27	FNX 80	12A-A ***	89	3.4	2.36	16.5	16.5	7.9	Δ	26.4	18.5	3.00	32	16.4:1	32,850	27	TACT IV	✓			88.9	x	88.9	x	x	x	x	x	x	35	22.8	22.8	17.3	18.7	
28	FNX 80	12A-A ***	89	3.4	2.36	16.5	16.5	7.9	Δ	26.4	18.5	3.00	32	16.4:1	32,850	28	TACT IV	✓			88.9	x	88.9	x	x	x	x	x	x	35	25.8	25.8	17.3	18.7	

SODICK ADVANCED MICRO MOLDING

PRESS #	PRESS MAKE	PRESS SIZE (T)	AVAILABLE SHOT SIZE (oz)	Ø TIE BAR (in)	TIE BAR SPACING (in)		MOLD HEIGHT (in)		OPEN DAYLIGHT (in)	CLAMP STROKE (in)	EJECTOR STROKE (in)	INTENSIFICATION RATIO	MAX PLASTIC PRESSURE (psi)	PRESS #	CONTROLLER TYPE	CAPABILITIES	PLATEN KNOCK OUT LOCATIONS (mm)								Ø KNOCK OUT (mm)	PLATEN DIMENSIONS (in)			DISTANCE TO DOORS (in)		
					HORIZONTAL	VERTICAL	MIN	MAX									R/G	A	B	C	D	E	F	G		H	J	K	M	N	P
8B	SODICK 20T	20	0.47	1.57	12.2	10.2	5.9	Δ	15.7	9.8	2.00	19:1	38,000	8B	IMC7	✓	100	x	x	x	x	x	x	x	x	16	16.9	16.1	14.8	14.8	
9B	SODICK 20T	20	0.47	1.57	12.2	10.2	5.9	Δ	15.7	9.8	2.00	19:1	38,000	9B	IMC7	✓	100	x	x	x	x	x	x	x	x	16	16.9	16.1	14.8	14.8	
10B	SODICK 20T	20	0.47	1.57	12.2	10.2	5.9	Δ	15.7	9.8	2.00	19:1	38,000	10B	IMC7	✓	100	x	x	x	x	x	x	x	x	16	16.9	16.1	14.8	14.8	
10C	SODICK 20T	20	0.47	1.57	12.2	10.2	5.9	Δ	15.7	9.8	2.00	19:1	38,000	10C	IMC7	✓	100	x	x	x	x	x	x	x	x	16	16.9	16.1	14.8	14.8	
11B	SODICK 60T	60	0.91	1.96	14.1	12.5	7.9	15.3	25.6	10.3	3.15	18.65:1	37,709	11B	IMC7	✓	100	x	100	x	x	x	x	x	x	16	20.5	18.1	18.0	18.0	
12B	SODICK 60T	60	0.91	1.96	14.1	12.5	7.9	15.3	25.6	10.3	3.15	18.65:1	37,709	12B	IMC7	✓	100	x	100	x	x	x	x	x	x	16	20.5	18.1	18.0	18.0	
13B	SODICK 60T	60	0.91	1.96	14.1	12.5	7.9	15.3	25.6	10.3	3.15	18.65:1	37,709	13B	IMC7	✓	100	x	100	x	x	x	x	x	x	16	20.5	18.1	18.0	18.0	
14B	SODICK 60T	60	0.91	1.96	14.1	12.5	7.9	15.3	25.6	10.3	3.15	18.65:1	37,709	14B	IMC7	✓	100	x	100	x	x	x	x	x	x	16	20.5	18.1	18.0	18.0	
14C	SODICK 60T	60	0.91	1.96	14.1	12.5	7.9	15.3	25.6	10.3	3.15	18.65:1	37,709	14C	IMC7	✓	100	x	100	x	x	x	x	x	x	16	20.5	18.1	18.0	18.0	
22C	SODICK 60T	60	0.91	1.96	14.1	12.5	7.9	15.3	25.6	10.3	3.15	18.65:1	37,709	22C	IMC7	✓	100	x	100	x	x	x	x	x	x	16	20.5	18.1	18.0	18.0	
23B	SODICK 60T	60	0.91	1.96	14.1	12.5	7.9	15.3	25.6	10.3	3.15	18.65:1	37,709	23B	IMC7	✓	100	x	100	x	x	x	x	x	x	16	20.5	18.1	18.0	18.0	
23C	SODICK 60T	60	0.91	1.96	14.1	12.5	7.9	15.3	25.6	10.3	3.15	18.65:1	37,709	23C	IMC7	✓	100	x	100	x	x	x	x	x	x	16	20.5	18.1	18.0	18.0	
24B	SODICK 60T	60	0.91	1.96	14.1	12.5	7.9	15.3	25.6	10.3	3.15	18.65:1	37,709	24B	IMC7	✓	100	x	100	x	x	x	x	x	x	16	20.5	18.1	18.0	18.0	
24C	SODICK 60T	60	0.91	1.96	14.1	12.5	7.9	15.3	25.6	10.3	3.15	18.65:1	37,709	24C	IMC7	✓	100	x	100	x	x	x	x	x	x	16	20.5	18.1	18.0	18.0	
25B	SODICK 60T	60	0.47	1.96	14.1	12.5	7.9	15.3	25.6	10.3	3.15	19:1	38,000	25B	IMC7	✓	100	x	100	x	x	x	x	x	x	16	20.5	18.1	18.0	18.0	
26B	SODICK 60T	60	0.91	1.96	14.1	12.5	7.9	15.3	25.6	10.3	3.15	18.65:1	37,709	26B	IMC7	✓	100	x	100	x	x	x	x	x	x	16	20.5	18.1	18.0	18.0	
27B	SODICK 60T	60	0.91	1.96	14.1	12.5	7.9	15.3	25.6	10.3	3.15	18.65:1	37,709	27B	IMC7	✓	100	x	100	x	x	x	x	x	x	16	20.5	18.1	18.0	18.0	
28B	SODICK 60T	60	0.91	1.96	14.1	12.5	7.9	15.3	25.6	10.3	3.15	18.65:1	37,709	28B	IMC7	✓	100	x	100	x	x	x	x	x	x	16	20.5	18.1	18.0	18.0	
28C	SODICK 60T	60	0.91	1.96	14.1	12.5	7.9	15.3	25.6	10.3	3.15	18.65:1	37,709	28C	IMC7	✓	100	x	100	x	x	x	x	x	x	16	20.5	18.1	18.0	18.0	
29	SODICK 20T	20	0.15	1.96	12.2	12.2	5.9	Δ	15.7	9.84	2.00	21:1	41,770	29	TRD6	✓	100	x	x	x	x	x	x	x	x	17.3	17.3	15.7	15.7		
30	SODICK 20T	20	0.15	1.57	12.2	10.2	5.9	Δ	15.7	9.84	2.00	21:1	41,770	30	IMC7	✓	100	x	x	x	x	x	x	x	x	16.9	14.2	14.7	14.7		
31B	SODICK 20T	20	0.47	1.57	12.2	10.2	5.9	Δ	15.7	9.8	2.00	19:1	38,000	31B	IMC7	✓	100	x	x	x	x	x	x	x	x	16.9	16.1	14.8	14.8		
32	SODICK 20T	20	0.47	1.57	12.2	10.2	5.9	Δ	15.7	9.8	2.00	19:1	38,000	32	IMC7	✓	100	x	x	x	x	x	x	x	x	16.9	14.2	14.7	14.7		
33B	SODICK 20T	20	0.47	1.57	12.2	10.2	5.9	Δ	15.7	9.8	2.00	19:1	38,000	33B	IMC7	✓	100	x	x	x	x	x	x	x	x	16.9	16.1	14.8	14.8		
34	SODICK 20T	20	0.47	1.57	12.2	10.2	5.9	Δ	15.7	9.8	2.00	19:1	38,000	34	IMC7	✓	100	x	x	x	x	x	x	x	x	16.9	16.1	14.8	14.8		
35	SODICK 20T	20	0.47	1.57	12.2	10.2	5.9	Δ	15.7	9.8	2.00	19:1	38,000	35	IMC7	✓	100	x	x	x	x	x	x	x	x	16.9	16.1	14.8	14.8		
36	SODICK 20T	20	0.47	1.57	12.2	10.2	5.9	Δ	15.7	9.8	2.00	19:1	38,000	36	IMC7	✓	100	x	x	x	x	x	x	x	x	16.9	16.1	14.8	14.8		
37B	SODICK 20T	20	0.47	1.57	12.2	10.2	5.9	Δ	15.7	9.8	2.00	19:1	38,000	37B	IMC7	✓	100	x	x	x	x	x	x	x	x	16.9	16.1	14.8	14.8		
38B	SODICK 20T	20	0.47	1.57	12.2	10.2	5.9	Δ	15.7	9.8	2.00	19:1	38,000	38B	IMC7	✓	100	x	x	x	x	x	x	x	x	16.9	16.1	14.8	14.8		