



Process Form				Revision: F				2020 April 24			
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Tool Gauge Plastics Machine Specifications

INJ #	Press #	Machine Make	Machine I.D. Number	Mold Ht. Min/Max	Shot Size		Start-up Mat'l Lbs.	Tie Rod/*Chute Hor. x Ver.	Platen Size Hor. x Ver.	Max PPSI	Screw Dia mm / in ²	Int. Ratio	Max PSI
					Ounces	Grams							
1 (33T)	2	Sumitomo	SE30DUZ	5.90-11.80	1.1 oz	31g	0.50	12.20 x 11.41	17.32 x 16.54	32420	22/ .58 in ²	N/A	N/A
2 (56T)	3	Sumitomo	SE50EV	6.30-13.78	1.7oz	48g	0.50	14.17 x 14.17	19.69 x 19.69	39747	25/ .75 in ²	N/A	N/A
3 (56T)	5	Sumitomo	SE50EV	6.30-13.78	1.7oz	48g	0.50	14.17 x 14.17	19.69 x 19.69	39747	25/ .75 in ²	N/A	N/A
4 (84T)	4	Sumitomo	SE75EV	6.30-18.00	3.8oz	107g	0.75	16.14 x 16.14	22.83 x 22.83	31473	32/ 1.25 in ²	N/A	N/A
5 (84T)	6	Sumitomo	SE75EV	6.30-18.00	3.8oz	107g	0.75	16.14 x 16.14	22.83 x 22.83	31473	32/ 1.25 in ²	N/A	N/A
6 (85T)	N/A	Engel	VICTORY330/85	9.80-18.00	3.8oz	107g	0.75	*17.70	26.40 x 23.06	34809	30/ 1.09 in ²	14.76:1	2359
7 (112T)	9	Sumitomo	SE100EV	7.09-17.72	5.5oz	155g	1.50	18.11 x 18.11	25.59 x 25.59	31183	36/ 1.58 in ²	N/A	N/A
8 (130T)	N/A	Engel	VICTORY500/130	11.70-19.70	6.5oz	183g	1.75	*19.70	29.10 x 26.80	34083	35/1.47 in ²	13.59:1	2507
9 (130T)	N/A	Engel	VICTORY500/130	11.70-19.70	6.5oz	183g	1.75	*19.70	29.10 x 26.80	34083	35/1.47 in ²	13.59:1	2507
10 (146T)	10	Sumitomo	SE130EV	7.09-17.72	6.8oz	192g	1.75	20.08 x 20.08	28.35 x 28.35	30313	40/ 1.94 in ²	N/A	N/A
11 (180T)	N/A	Engel	VICTORY860/180	11.80-23.60	11.8oz	334g	2.21	*21.70	29.50 x 29.50	31763	45/ 2.46 in ²	9.37:1	3380
13 (182T)	11	Sumitomo	SE180EV	7.87-19.69	8.6oz	243g	2.00	22.05 x 22.05	31.50 x 31.30	31328	45/ 2.46 in ²	N/A	N/A
14 (242T)	13	Sumitomo	SE220HDZ	11.81-22.83	13.8oz	390g	2.59	24.02 x 22.05	34.65 x 32.68	31434	45/ 2.46 in ²	N/A	N/A
15 (340T)	N/A	Engel	VICTORY1560/340	15.70-35.50	21.7oz	614g	4.07	29.50*	43.30 x 39.40	31763	55/ 3.66 in ²	10.71:1	
16 (496T)	15	Sumitomo	SE450HDZ	17.72-31.50	33.4oz	945g	6.26	34.25 x 32.28	48.98 x 45.43	31291	63/ 4.83 in ²	N/A	N/A
17 (165T)	14	Demag	150/500-840	9.84-22.04	11.3oz	319g	2.21	19.6 x 19.6	29.50 x 29.50	34872	45/ 2.46 in ²	12.65:1	2755
18 (275T)	12	Demag	250/630-840	12.99-27-50	14.11oz	399g	2.75	24.8 x 24.8	37.40 x 37.40	28252	50/ 3.05 in ²	10.25:1	2755
19 (720T)	16	Engel	DUO5160/720	17.72-37.40	69.8oz	1978g	13.09	43.30 x 37.80	59.40 x 56.70	33359	80/ 7.79 in ²	9.29:1	3590
20 (1250T)	N/A	Engel	DUO8160/1250	27.60-50.40	101.1oz	2863g	18.96	61.60 x 51.60	86.60 x 78.30	33359	90/9.84 in ²	9.75:1	3423