

Production and Sales of Machine tool Accessory on July - September,2018

(Value in Thousands of Yen)

Items		Production		Comparison (%) to the year earlier	Sales		Comparison (%) to the year earlier
		Quantity	Value		Quantity	Value	
Elements	Clutches & Brakes	11,533,253	5,705,921	102	11,681,398	5,912,724	101
	Ball Screws	399,884	10,494,639	123	417,217	11,303,816	122
	Liner motion guides	2,621,032	18,112,181	125	2,447,272	18,266,933	120
	Spindles	650	308,008	100	706	336,696	101
	Coupling	720,633	2,065,458	114	671,167	1,806,448	106
	Other Elements	3,518	29,074	133	3,539	28,449	123
	Subtotal	15,278,970	36,715,281	119	15,221,299	37,655,066	116
Work Holding	Hand Operated Chucks	2,983	367,042	113	3,258	403,973	114
Devices	Power Operated Chucks	29,232	2,444,091	111	29,327	2,359,611	107
	Special Design Chucks	345	105,700	82	473	252,735	131
	Actuators for Power Operated Chucks	7,809	961,643	119	7,412	792,375	112
	Live Centers	3,867	111,489	95	4,656	179,099	121
	Other Work Holding Devices	9,939	666,881	94	12,517	676,802	113
	Subtotal	54,175	4,656,846	109	57,643	4,664,595	111
Tool Holders	General purpose Tool Holders	65,033	350,162	104	60,058	346,904	105
	Tool Holders for NC machine tools	408,457	3,718,106	113	398,635	3,464,895	100
	Tool Holders for lathers	3,009	69,634	91	3,735	75,650	102
	Tool Holders for special purpose	4,354	46,686	102	5,262	53,633	107
	Other Tool Holders	31,445	422,773	108	29,087	413,658	106
	Subtotal	512,298	4,607,361	112	496,777	4,354,740	101
Attachments and Accessories	Attachments for indexing	5,081	5,361,906	107	5,076	5,156,420	105
	Machine Vice	3,903	427,949	111	3,475	533,835	108
	Other Attached equipment	64,306	896,345	114	65,031	912,700	125
	Other Accessories	182,640	3,432,132	104	156,012	4,094,146	106
	Subtotal	255,930	10,118,332	106	229,594	10,697,101	107
T o t a l		16,101,373	56,097,820	115	16,005,313	57,371,502	113

Although considered as the factory-shipments price about the amount of production, and the amount of shipment, it will change into the amount of production, and the amount of sales from January, 2004, and both producer-selling prices or contract prices will estimate, and it will enter.