

Production and Sales of Machine tool Accessory on October - December,2019

(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	11,084,182	4,860,429	87	10,890,242	4,674,342	80
	Ball Screws	231,251	5,877,488	54	238,666	6,348,133	54
	Liner motion guides	1,746,789	10,535,705	56	1,470,911	10,550,816	56
	Spindles	609	294,814	86	649	319,948	86
	Coupling	589,943	1,677,436	76	553,796	1,456,377	80
	Other Elements	3,062	23,776	69	3,256	26,783	73
	Subtotal	13,655,836	23,269,648	61	13,157,520	23,376,399	60
Work Holding	Hand Operated Chucks	2,951	395,359	88	2,973	390,146	84
Devices	Power Operated Chucks	25,953	2,507,113	91	24,416	2,050,826	84
	Special Design Chucks	217	85,859	90	290	178,132	66
	Actuators for Power Operated Chucks	5,089	661,013	64	4,772	543,548	70
	Live Centers	4,581	138,142	99	3,985	166,815	84
	Other Work Holding Devices	10,353	621,573	83	9,765	553,620	80
	Subtotal	49,144	4,409,059	85	46,201	3,883,087	80
Tool Holders	General purpose Tool Holders	62,262	343,883	92	53,234	299,273	85
	Tool Holders for NC machine tools	359,299	3,123,368	90	334,292	2,873,985	81
	Tool Holders for lathers	2,718	56,354	67	3,018	67,313	84
	Tool Holders for special purpose	2,995	35,841	35	3,785	41,288	64
	Other Tool Holders	27,792	298,669	75	26,487	292,354	71
	Subtotal	455,066	3,858,115	87	420,816	3,574,213	80
Attachments and Accessories	Attachments for indexing	3,467	4,139,560	75	3,387	3,845,200	78
	Machine Vice	2,540	379,073	77	1,918	313,307	56
	Other Attached equipment	81,031	754,095	83	81,148	763,193	84
	Other Accessories	136,903	2,627,916	77	125,996	3,231,858	81
	Subtotal	223,941	7,900,644	77	212,449	8,153,558	79
T o t a l		14,383,987	39,437,466	68	13,836,986	38,987,257	67

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.