

Production and Sales of Machine tool Accessory on September,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	3,835,052	1,873,687	96	3,952,848	1,919,966	95
	Ball Screws	78,918	1,896,005	55	81,930	2,026,176	55
	Liner motion guides	628,603	3,934,793	66	537,750	3,949,735	65
	Spindles	368	119,395	104	387	128,688	102
	Coupling	184,248	556,861	78	168,927	479,171	75
	Other Elements	1,627	13,348	113	1,586	13,471	127
	Subtotal	4,728,816	8,394,089	69	4,743,428	8,517,207	68
Work Holding	Hand Operated Chucks	1,011	130,545	117	1,194	149,237	124
Devices	Power Operated Chucks	8,831	917,760	106	9,078	771,182	101
	Special Design Chucks	119	34,402	110	152	76,304	63
	Actuators for Power Operated Chucks	2,261	266,467	85	2,246	244,453	91
	Live Centers	1,702	55,088	178	1,342	53,521	94
	Other Work Holding Devices	3,619	205,439	101	3,353	207,050	110
	Subtotal	17,543	1,609,701	103	17,365	1,501,747	99
Tool Holders	General purpose Tool Holders	19,580	113,469	90	18,088	104,040	87
	Tool Holders for NC machine tools	128,658	1,151,730	82	129,309	1,071,294	89
	Tool Holders for lathers	977	24,608	97	976	20,921	85
	Tool Holders for special purpose	1,836	20,320	144	1,949	20,803	122
	Other Tool Holders	8,498	114,134	78	8,863	114,777	81
	Subtotal	159,549	1,424,261	83	159,185	1,331,835	88
Attachments and Accessories	Attachments for indexing	1,335	1,589,572	95	1,340	1,545,708	95
	Machine Vice	793	121,854	76	843	147,103	77
	Other Attached equipment	15,510	252,741	92	15,006	254,748	85
	Other Accessories	50,307	985,248	85	62,647	1,110,200	80
	Subtotal	67,945	2,949,415	90	79,836	3,057,759	87
T o t a l		4,973,853	14,377,466	76	4,999,814	14,408,548	75

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.