

Production and Sales of Machine tool Accessory on October,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	3,477,318	1,501,599	78	3,450,218	1,460,811	73
	Ball Screws	82,979	2,088,490	54	84,573	2,250,153	54
	Liner motion guides	628,174	3,837,716	59	538,523	3,834,683	58
	Spindles	258	109,007	92	274	117,710	92
	Coupling	196,410	521,987	70	187,857	476,009	78
	Other Elements	1,462	9,305	88	1,539	10,950	96
	Subtotal	4,386,601	8,068,104	61	4,262,984	8,150,316	60
Work Holding	Hand Operated Chucks	947	113,322	71	1,014	122,574	74
Devices	Power Operated Chucks	8,755	850,124	97	8,043	691,023	88
	Special Design Chucks	63	26,051	81	117	55,856	49
	Actuators for Power Operated Chucks	1,733	220,603	67	1,819	205,071	79
	Live Centers	1,750	50,850	98	1,509	60,845	93
	Other Work Holding Devices	4,193	244,801	84	3,752	189,529	71
	Subtotal	17,441	1,505,751	87	16,254	1,324,898	80
Tool Holders	General purpose Tool Holders	19,314	112,079	100	16,240	93,855	79
	Tool Holders for NC machine tools	109,251	928,344	87	110,699	962,685	80
	Tool Holders for lathers	556	10,393	41	1,183	25,136	100
	Tool Holders for special purpose	1,158	13,891	22	1,344	14,354	73
	Other Tool Holders	9,474	96,496	69	8,409	91,215	66
	Subtotal	139,753	1,161,203	83	137,875	1,187,245	79
Attachments and Accessories	Attachments for indexing	1,152	1,441,853	81	1,066	1,269,704	75
	Machine Vice	959	141,663	78	718	114,818	52
	Other Attached equipment	17,634	274,211	95	18,399	289,703	102
	Other Accessories	41,667	906,299	77	42,296	1,130,284	86
	Subtotal	61,412	2,764,026	81	62,479	2,804,509	80
T o t a l		4,605,207	13,499,084	68	4,479,592	13,466,968	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.