

## Production and Sales of Machine tool Accessory on April - September,2020

(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	16,142,985	8,236,234	83	15,988,993	8,547,448	85
	Ball Screws	511,570	9,883,660	66	528,951	10,701,446	67
	Liner motion guides	2,835,668	18,463,648	66	2,886,358	19,268,578	69
	Spindles	558	235,736	37	619	261,687	38
	Coupling	933,650	2,701,332	80	923,612	2,632,346	88
	Other Elements	3,462	28,348	39	3,985	31,394	45
	Subtotal	20,427,893	39,548,958	70	20,332,518	41,442,899	72
Work Holding	Hand Operated Chucks	4,035	600,405	79	3,819	564,184	71
Devices	Power Operated Chucks	35,186	3,403,498	54	34,769	2,683,361	57
	Special Design Chucks	289	140,393	63	417	279,197	63
	Actuators for Power Operated Chucks	6,322	921,112	52	6,488	771,354	52
	Live Centers	5,240	184,518	70	4,769	215,625	69
	Other Work Holding Devices	14,362	772,178	64	13,322	734,661	64
	Subtotal	65,434	6,022,104	57	63,584	5,248,382	59
Tool Holders	General purpose Tool Holders	84,251	461,824	68	69,671	404,771	67
	Tool Holders for NC machine tools	537,287	4,532,331	67	498,506	4,194,042	68
	Tool Holders for lathers	2,976	66,663	42	2,903	60,657	42
	Tool Holders for special purpose	4,063	41,139	41	6,150	54,335	49
	Other Tool Holders	42,680	483,303	65	39,473	464,661	64
	Subtotal	671,257	5,585,260	66	616,703	5,178,466	67
Attachments and Accessories	Attachments for indexing	5,687	5,546,141	59	5,619	4,899,593	56
	Machine Vice	2,665	396,488	49	2,113	382,373	49
	Other Attached equipment	82,687	1,086,287	66	81,174	1,063,834	65
	Other Accessories	218,201	3,711,162	65	184,755	4,503,925	67
	Subtotal	309,240	10,740,078	61	273,661	10,849,725	61
T o t a l		21,473,824	61,896,400	66	21,286,466	62,719,472	68

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.