

## Production and Sales of Machine tool Accessory on January - June,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	16,178,886	8,505,471	85	15,944,268	8,630,915	82
	Ball Screws	516,477	10,761,200	60	532,541	11,606,923	61
	Liner motion guides	2,954,668	19,271,246	60	2,921,504	20,235,604	62
	Spindles	923	441,970	66	993	484,263	67
	Coupling	1,061,295	3,052,905	87	1,014,437	2,772,197	89
	Other Elements	4,374	34,214	48	4,525	35,003	49
	Subtotal	20,716,623	42,067,006	65	20,418,268	43,764,905	66
Work Holding	Hand Operated Chucks	5,096	726,400	96	5,005	695,103	89
Devices	Power Operated Chucks	44,507	4,333,731	61	44,431	3,254,957	65
	Special Design Chucks	456	179,121	74	436	309,136	67
	Actuators for Power Operated Chucks	8,442	1,152,296	60	7,639	890,082	56
	Live Centers	6,433	210,242	90	5,460	242,477	78
	Other Work Holding Devices	14,613	849,862	67	15,991	923,611	72
	Subtotal	79,547	7,451,652	65	78,962	6,315,366	67
Tool Holders	General purpose Tool Holders	91,590	532,420	81	87,192	481,530	72
	Tool Holders for NC machine tools	614,546	5,414,467	80	560,093	4,745,945	75
	Tool Holders for lathers	4,336	94,742	59	4,119	90,956	61
	Tool Holders for special purpose	5,352	55,593	59	6,689	66,626	62
	Other Tool Holders	43,943	508,165	68	42,479	500,310	66
	Subtotal	759,767	6,605,387	78	700,572	5,885,367	73
Attachments and Accessories	Attachments for indexing	5,502	6,158,244	61	5,764	5,762,575	60
	Machine Vice	4,061	614,506	64	2,718	503,649	55
	Other Attached equipment	162,163	1,240,925	75	160,955	1,235,796	72
	Other Accessories	263,210	4,270,469	70	213,115	5,238,963	73
	Subtotal	434,936	12,284,144	65	382,552	12,740,983	66
<b>T o t a l</b>		<b>21,990,873</b>	<b>68,408,189</b>	<b>66</b>	<b>21,580,354</b>	<b>68,706,621</b>	<b>67</b>

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.