

## Production and Sales of Machine tool Accessory on January – March,2018

(Value in Thousands of Yen)

Items		Production		Comparison (%) to the year earlier	Sales		Comparison (%) to the year earlier
		Quantity	Value		Quantity	Value	
Elements	Clutchs & Brakes	10,953,279	6,187,139	124	11,037,358	6,207,470	119
	Ball Screws	380,325	9,638,798	124	397,773	10,424,047	123
	Liner motion guides	2,311,970	16,277,591	123	2,306,779	16,799,206	117
	Spindles	877	312,928	126	954	339,006	126
	Coupling	755,692	2,033,955	126	717,363	1,832,197	122
	Other	2,998	26,620	105	2,952	26,262	100
	Subtotal	14,405,141	34,477,031	123	14,463,179	35,628,188	120
Work Holding	Hand Operated	3,271	364,177	94	3,551	397,242	100
Devices	Power Operated	28,609	2,324,834	117	28,477	2,354,765	123
	Special Design Chucks	396	140,577	147	469	246,650	149
	Actuators for Power Operated	7,502	978,889	132	6,908	742,196	115
	Live Centers	4,337	130,051	115	4,251	163,703	116
	Other Work Holding	11,817	591,630	118	10,429	553,036	110
	Subtotal	55,932	4,530,158	119	54,085	4,457,592	118
Tool Holders	General purpose Tool Holders	62,123	359,857	116	69,302	371,192	110
	Tool Holders for NC machine tools	400,014	3,430,843	132	417,669	3,550,623	113
	Tool Holders for lathers	4,149	88,357	150	4,027	82,542	175
	Tool Holders for special	4,629	52,435	112	5,924	64,475	140
	Other Tool Holders	28,465	373,936	107	27,946	367,021	104
	Subtotal	499,380	4,305,428	128	524,868	4,435,853	113
Attachments and Accessories	Attachments for indexing	4,830	5,136,968	112	4,844	4,935,977	114
	Machine Vice	3,871	469,594	126	3,592	556,227	113
	Other Attached	81,541	783,017	95	84,351	852,614	99
	Other Accessories	176,217	3,490,670	119	165,164	3,977,037	113
	Subtotal	266,459	9,880,249	114	257,951	10,321,855	112
T o t a l		15,226,912	53,192,866	121	15,300,083	54,843,488	118

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–sellingprices or contract prices will estimate, and it will enter.