

## Production and Sales of Machine tool Accessory on November,2016

(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	3,791,682	1,608,050	109	3,792,227	1,656,071	107
	Ball Screws	105,728	2,404,754	103	109,786	2,607,748	103
	Liner motion guides	620,781	4,307,025	116	582,246	4,410,973	117
	Spindles	242	93,674	108	262	101,082	109
	Coupling	222,266	544,313	134	210,638	486,334	118
	Other	867	7,498	61	830	7,192	54
	Subtotal	4,741,566	8,965,314	112	4,695,989	9,269,400	111
Work Holding	Hand Operated	1,219	150,534	107	1,253	148,999	103
Devices	Power Operated	7,928	627,149	92	8,154	628,573	84
	Special Design Chucks	91	40,520	150	96	90,854	173
	Actuators for Power Operated	1,813	207,825	92	2,111	202,167	92
	Live Centers	697	27,791	70	1,062	47,425	97
	Other Work Holding	4,233	204,415	88	4,026	202,351	95
	Subtotal	15,981	1,258,234	94	16,702	1,320,369	93
Tool Holders	General purpose Tool Holders	16,977	95,607	78	18,157	101,324	94
	Tool Holders for NC machine tools	108,879	974,319	73	123,172	1,068,608	98
	Tool Holders for lathers	791	17,475	74	861	19,248	100
	Tool Holders for special	2,328	24,416	167	2,635	27,230	152
	Other Tool Holders	9,167	113,805	76	10,099	119,509	96
	Subtotal	138,142	1,225,622	74	154,924	1,335,919	98
Attachments and Accessories	Attachments for indexing	1,348	1,412,113	98	1,565	1,512,973	110
	Machine Vice	1,062	128,102	76	1,145	171,302	99
	Other Attached	43,020	242,573	50	42,629	243,835	87
	Other Accessories	48,260	965,314	98	45,113	1,109,482	96
	Subtotal	93,690	2,748,102	90	90,452	3,037,592	102
T o t a l		4,989,379	14,197,272	101	4,958,067	14,963,280	106

Although considered as the factory-shippments 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.