SZ

ROLLERS

Engineered by Suzuki Sangyo, Japan

THE SUZUKI JOURNEY



KIICHIRO SUZUKI

鈴木喜一郎

The journey of Mr. Suzuki is central to our story: The Suzuki Edge.

Mr. Kiichiro Suzuki was born in March 1896 in the city of Kosai, Japan. At the young age of 19, Suzuki started his career in textiles, the blue-chip industry of the time, with an entry level position at Toyoda Boshoku (part of the Toyota Group). During his time at the Toyota Group, Suzuki held various positions culminating in the coveted position of Director at Toyoda Machinery Ltd. and Managing Director of its Textile Machinery Division.

In the mid 1950s, Suzuki saw the opportunity to establish a high quality Top Roller manufacturing unit. This, in turn, led to the creation of Suzuki Sangyo Kaisha. Within ten years, Suzuki Sangyo was a dominant player in the Top Roller market and firmly established itself as number one in both market share and quality in Japan.

By the late 1970s, Suzuki's Top Rollers were so technically superior that it became the only Top Roller manufacturer left in Japan. With an unmatched technical edge, over the next four decades Suzuki expanded into global markets establishing itself as the undisputed benchmark for Top Rollers.

TIMELINE

1896 Kiichiro Suzuki is born in Kosai, Shizuoka, Japan

1915 Suzuki joins Toyoda Judou Boshoku

1947 Suzuki is promoted to Director-Toyoda Machinery

1955 Suzuki establishes Suzuki Sangyo Kaisha

1960 Suzuki supplies to Hara Cherry & Howa

1968 Suzuki supplies to Toyoda Automatic Loom Works

1970 Suzuki is honoured by the Japanese government

1974 Takeshi Suzuki takes over as President

1980 Suzuki is the only Top Roller manufacturer left in Japan

1991 Suzuki expands globally and becomes the benchmark in quality

2005 Shigeo Suzuki takes over as president

2019 Suzuki & Inarco explore a collaboration

2020 Suzuki & Inarco enter into an exclusive partnership

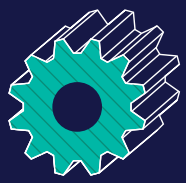
2022 Suzuki Rollers is formally launched

67 YEARS OF PIONEERING JAPANESE TECHNOLOGY



- Shells and End Bushes are manufactured from special bearing grade steel
- Steel sourced exclusively as per Japanese Industrial Standards
- End Bushes use highest quality imported European bearings
- Stringent inward quality inspection

MATERIALS

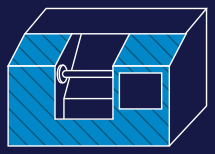


- Extensive expertise in machining, grinding and hardening of Top Rollers
- 100% in-house machining and assembly
- Proprietary hardening techniques

METHOD

THE SUZUKI EDGE

MACHINES

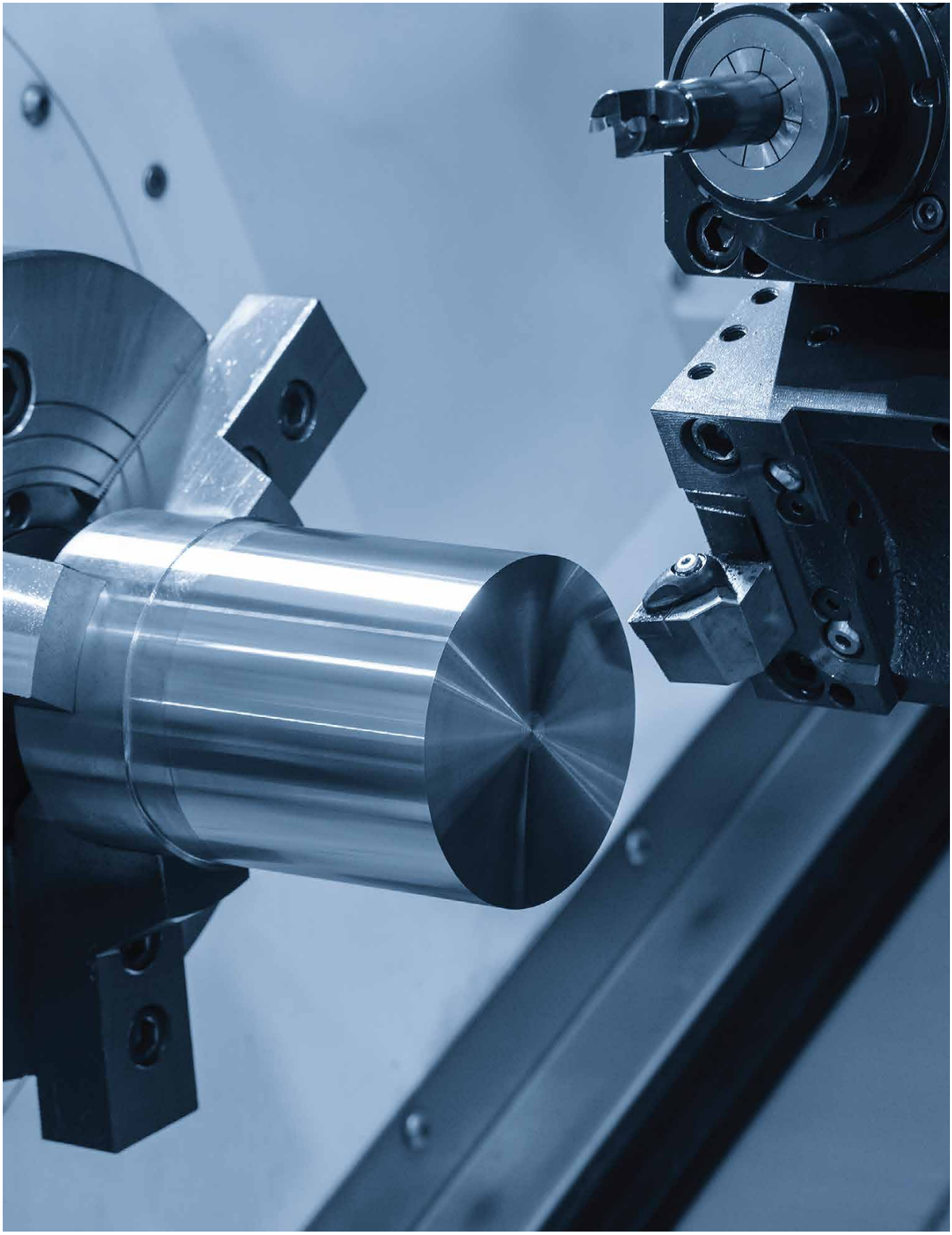


- State-of-the-art Japanese CNC machines
- High precision tooling
- Exceptional static-to-dynamic and axial-to-radial load withstanding capacity

MAN



- Suzuki-trained machine operators
- Quality control at every step of the production process
- Commitment to Kaizen culture



Suzuki designs and engineers Top Rollers without compromise, making it synonymous with excellence across the global yarn spinning industry

SZ ROLLERS

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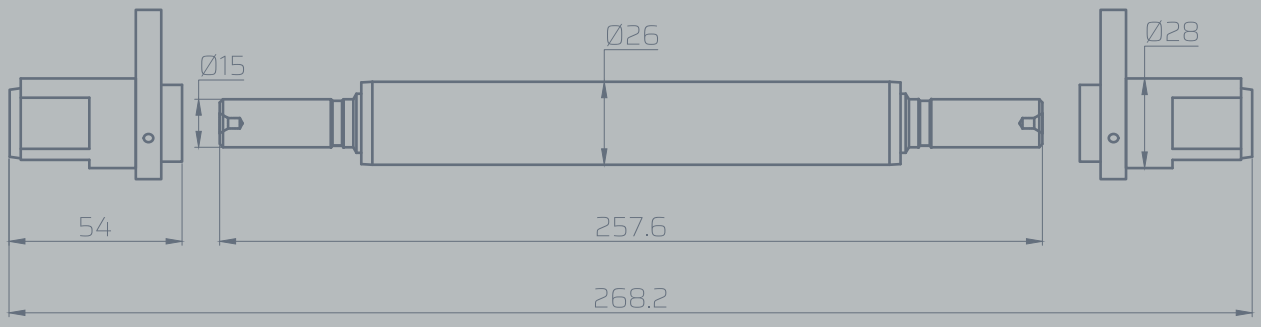
01 DRAW FRAME



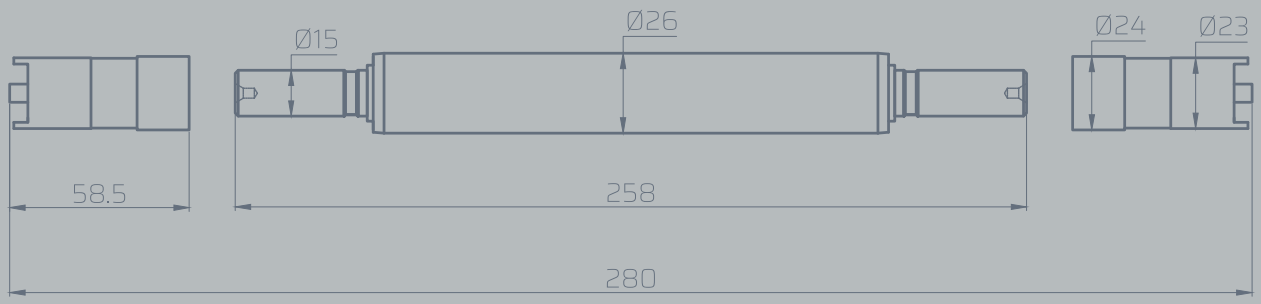
SZ 200 SERIES

- High running accuracy and high speed performance
- Enhanced heat flow and precise control of total heat flux
- Best in class heat dissipation and superior thermal stability at high speeds
- Special heat treatment process results in dimensional stability and optimum hardness

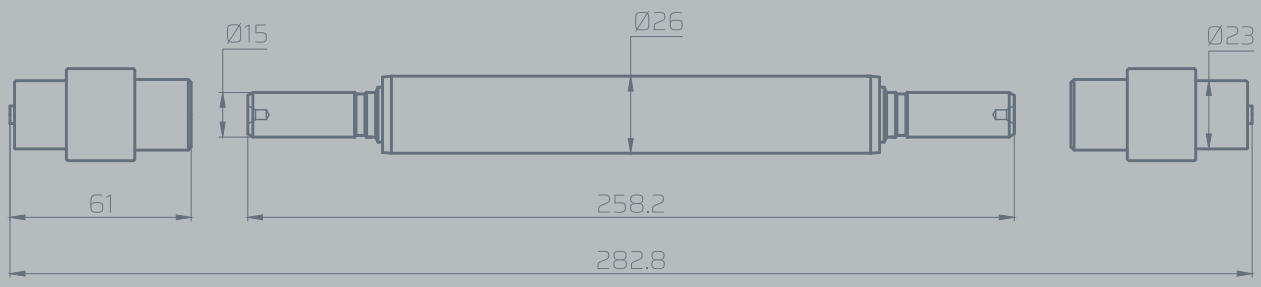
SERIES	MACHINE DETAILS	COT SIZE (MM)		
		BRD	FOD	WIDTH
SZ 201	LAKSHMI - RSB851, RSB951	26	38	150/160



		BRD	FOD	WIDTH
SZ 202	RIETER - RSB, D30, D35, D40, D40C, D41, D45, D221, SB D20, D22	26	38	160

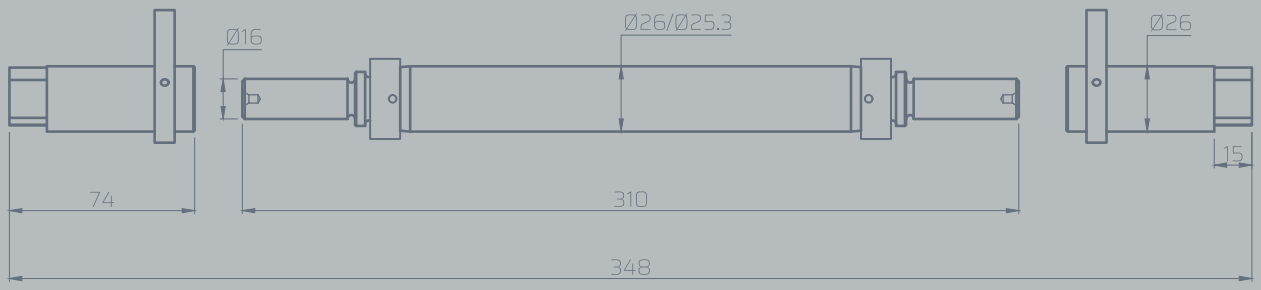


		BRD	FOD	WIDTH
SZ 203	RIETER - SB D26 (NEEDLE), D50 (NEEDLE)	26	38	160

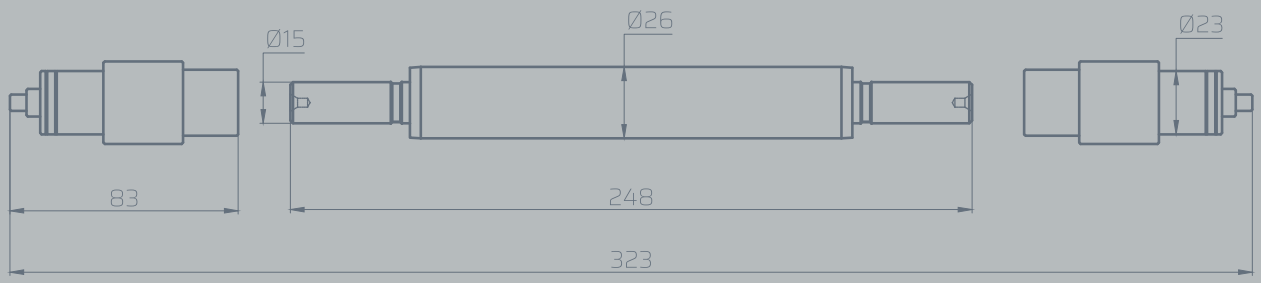


CONSTRUCTION	COMPONENTS & MATERIAL	DESIGN	HEAT & SURFACE TREATMENT	HIGH SPEED PERFORMANCE
AF	***	***	***	***

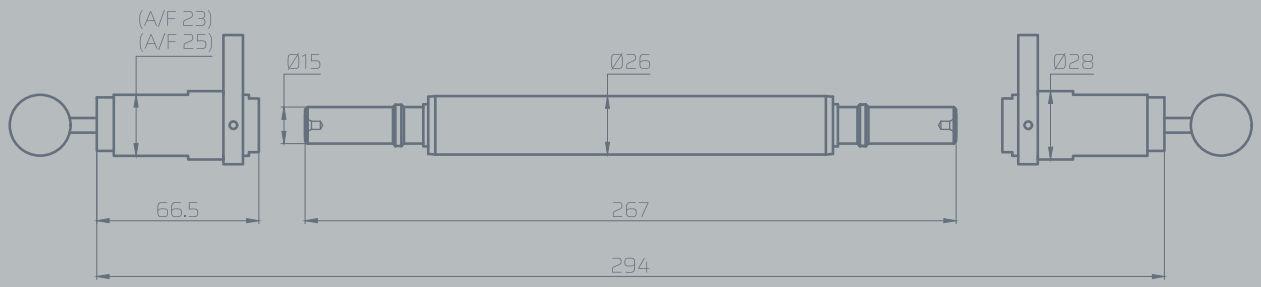
SERIES	MACHINE DETAILS	COT SIZE (MM)		
		BRD	FOD	WIDTH
SZ 205	LAKSHMI - D05, D06	26	39	186



		BRD	FOD	WIDTH
SZ 206	LAKSHMI - LDF/3 (NEEDLE), LDB/3 (NEEDLE)	26	38	160

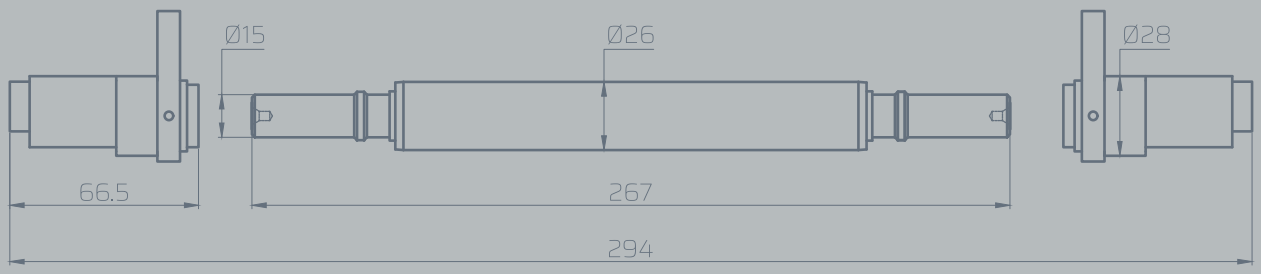


		BRD	FOD	WIDTH
SZ 207	LAKSHMI - LD/2 WITH BALL TYPE END BUSH	26	38	160

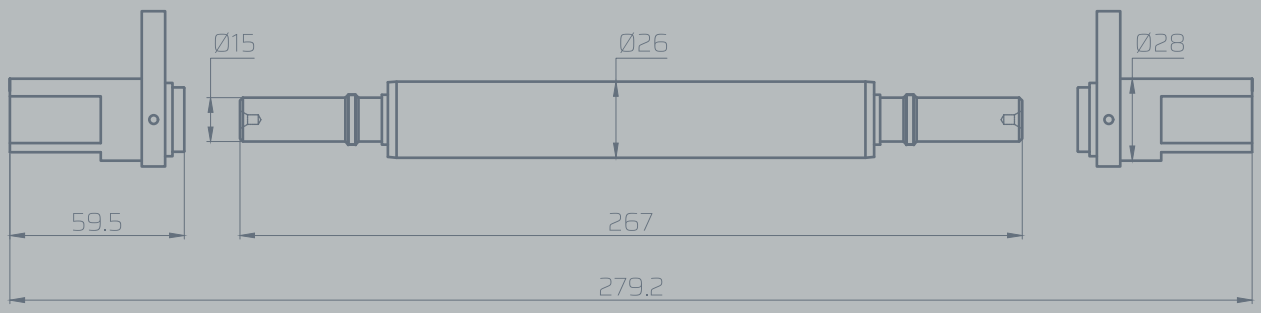


CONSTRUCTION	COMPONENTS & MATERIAL	DESIGN	HEAT & SURFACE TREATMENT	HIGH SPEED PERFORMANCE
AF	***	***	***	***

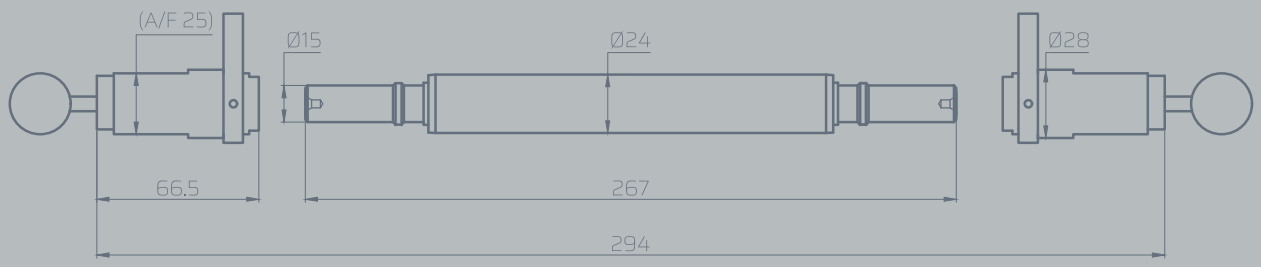
SERIES	MACHINE DETAILS	COT SIZE (MM)		
		BRD	FOD	WIDTH
SZ 208	LAKSHMI - LD/2 WITH NORMAL TYPE END BUSH	26	38	160



		BRD	FOD	WIDTH
SZ 209	LAKSHMI - LD/2 WITH C TYPE END BUSH	26	38	160

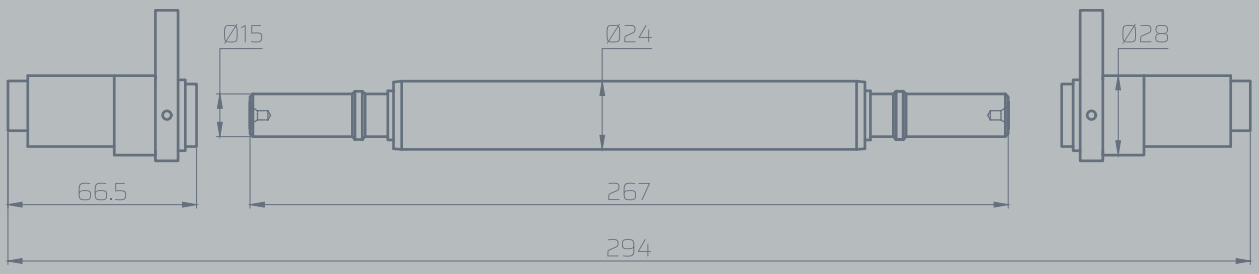


		BRD	FOD	WIDTH
SZ 210	LAKSHMI - LDA/1 WITH BALL TYPE END BUSH	24	36	160

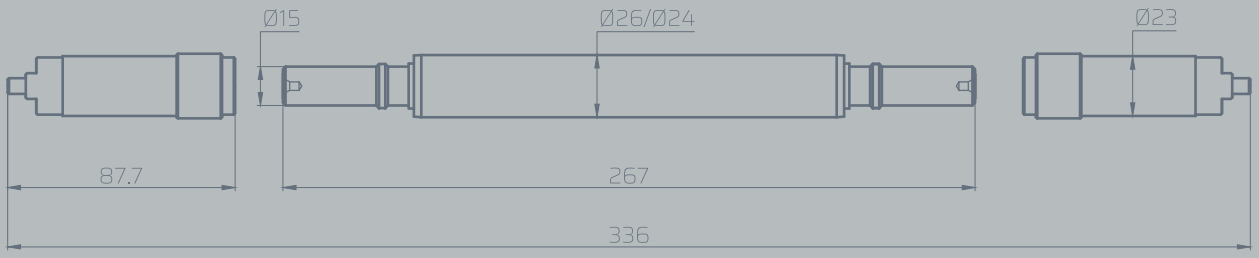


CONSTRUCTION	COMPONENTS & MATERIAL	DESIGN	HEAT & SURFACE TREATMENT	HIGH SPEED PERFORMANCE
AF	***	***	***	***

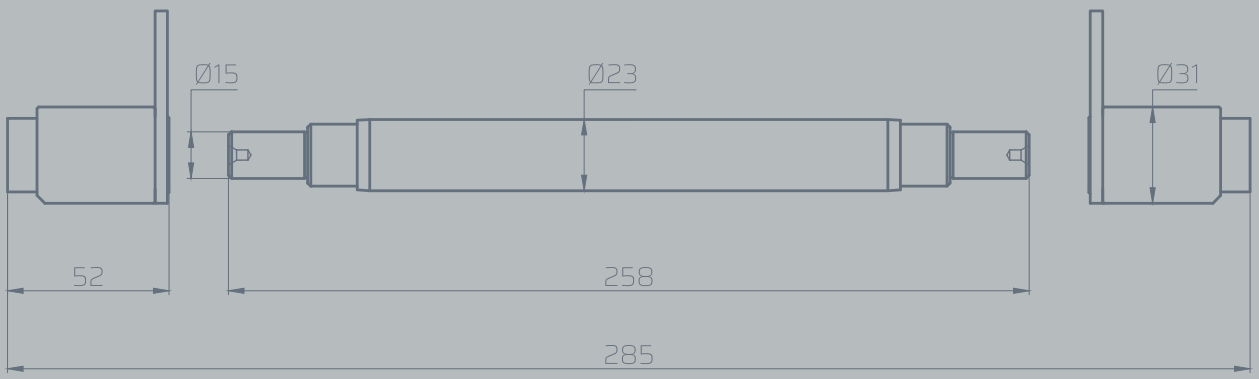
SERIES	MACHINE DETAILS	COT SIZE (MM)		
		BRD	FOD	WIDTH
SZ 211	LAKSHMI - LDA/1 WITH NORMAL TYPE END BUSH	24	36	160



		BRD	FOD	WIDTH
SZ 213	LAKSHMI - LDA/Z	24/26	36/38	160

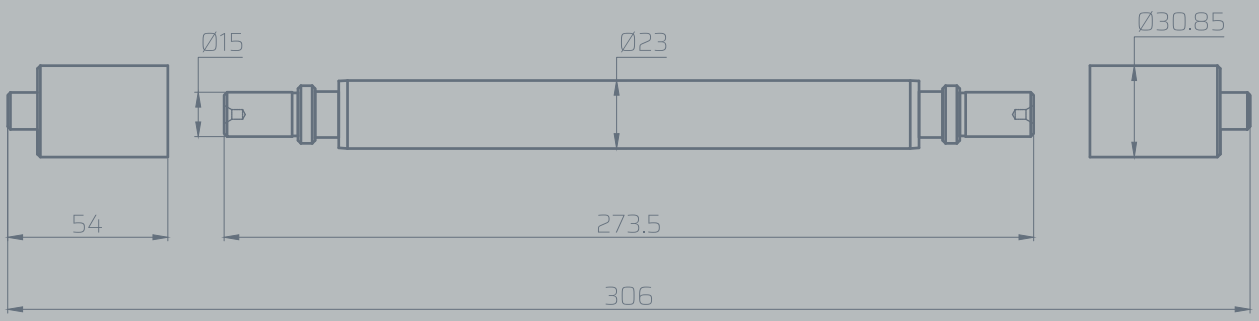


		BRD	FOD	WIDTH
SZ 214	TRŰTZSCHLER - HSR1000	23	34	170

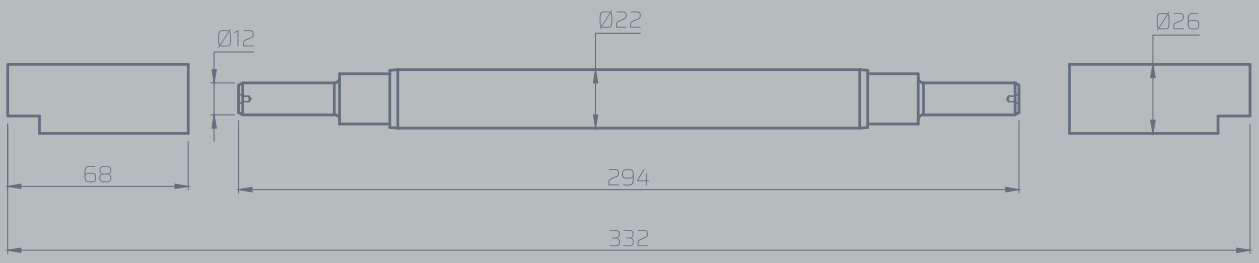


CONSTRUCTION	COMPONENTS & MATERIAL	DESIGN	HEAT & SURFACE TREATMENT	HIGH SPEED PERFORMANCE
AF	***	***	***	***

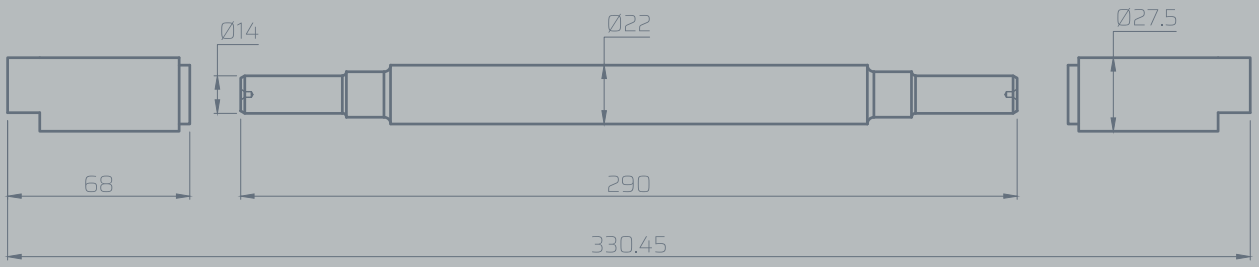
SERIES	MACHINE DETAILS	COT SIZE (MM)		
		BRD	FOD	WIDTH
SZ 215	TRŰTZSCHLER - TD03 (NEEDLE)	23	34	189



		BRD	FOD	WIDTH
SZ 227	JINGWEI - FA302	22	37	180



		BRD	FOD	WIDTH
SZ 228	JINGWEI - FA306	22	36	178



CONSTRUCTION	COMPONENTS & MATERIAL	DESIGN	HEAT & SURFACE TREATMENT	HIGH SPEED PERFORMANCE
AF	***	***	***	***

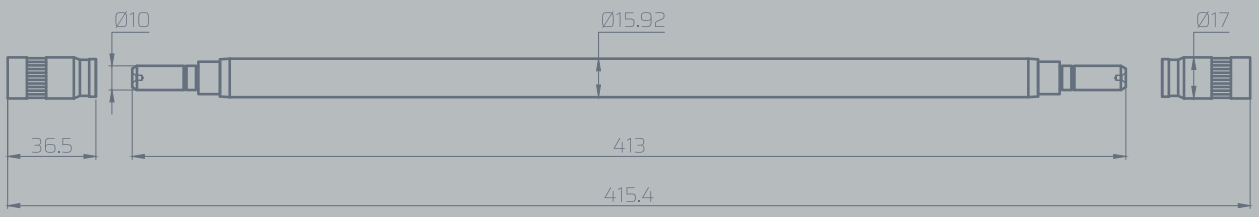
02 COMBER DETACHING



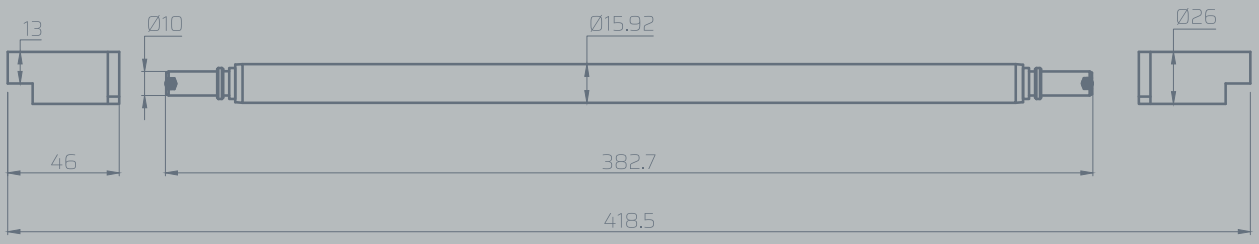
SZ 300 SERIES

- Proprietary heat treatment process results in minimum distortion at high-speed oscillation
- Accurate geometric dimensions and narrowest tolerance in the industry increases End Bush life

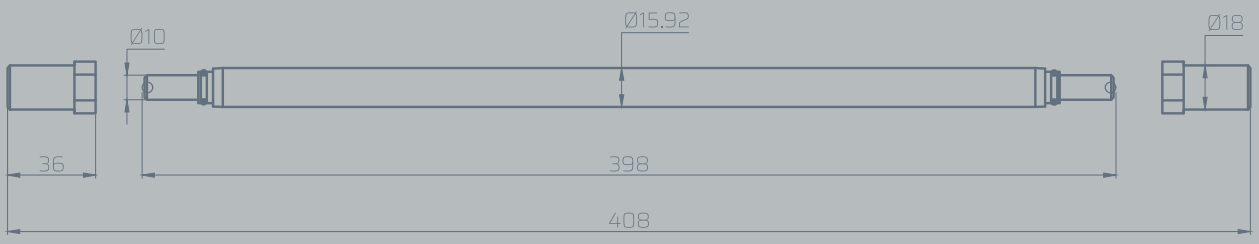
SERIES	MACHINE DETAILS	COT SIZE (MM)		
		BRD	FOD	WIDTH
SZ 301	RIETER - E7/5A, E7/6, E60, E62, E60H, E65, E66, E70, E72, E80, E86. LAKSHMI - LK69, LK64Z (TYPE III)	15.92	24.5	348



		BRD	FOD	WIDTH
SZ 303	LAKSHMI - LK250	15.92	24.5	324

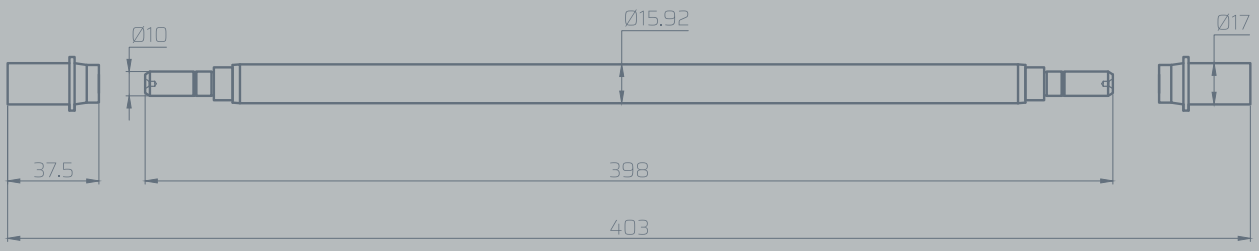


		BRD	FOD	WIDTH
SZ 304.1	LAKSHMI - LK54 (TYPE I)	15.92	24.5	335



CONSTRUCTION	COMPONENTS & MATERIAL	DESIGN	HEAT & SURFACE TREATMENT	HIGH SPEED PERFORMANCE
AF	***	***	***	**

SERIES	MACHINE DETAILS	COT SIZE (MM)		
		BRD	FOD	WIDTH
SZ 304.2	LAKSHMI - LK54 (TYPE II)	15.92	24.5	334



		BRD	FOD	WIDTH
SZ 304.3	LAKSHMI - LK54 (TYPE III)	15.92	24.5	350

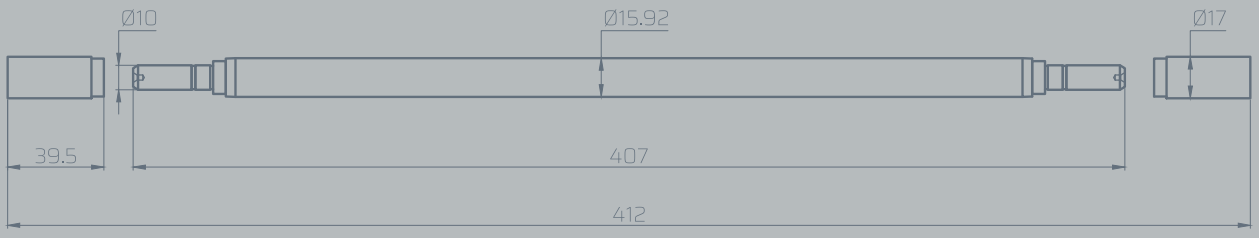


		BRD	FOD	WIDTH
SZ 304.4	LAKSHMI - LK54 (TYPE IV)	15.92	24.5	337



CONSTRUCTION	COMPONENTS & MATERIAL	DESIGN	HEAT & SURFACE TREATMENT	HIGH SPEED PERFORMANCE
AF	***	***	***	**

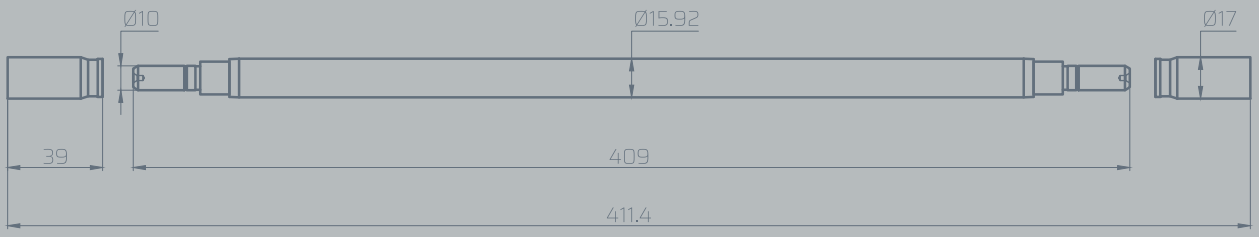
SERIES	MACHINE DETAILS	COT SIZE (MM)		
		BRD	FOD	WIDTH
SZ 305	LAKSHMI - LK64	15.92	24.5	338



		BRD	FOD	WIDTH
SZ 306	LAKSHMI - LK64Z (TYPE I)	15.92	24.5	335



		BRD	FOD	WIDTH
SZ 307	LAKSHMI - LK64Z (TYPE II)	15.92	24.5	339



CONSTRUCTION	COMPONENTS & MATERIAL	DESIGN	HEAT & SURFACE TREATMENT	HIGH SPEED PERFORMANCE
AF	***	***	***	**

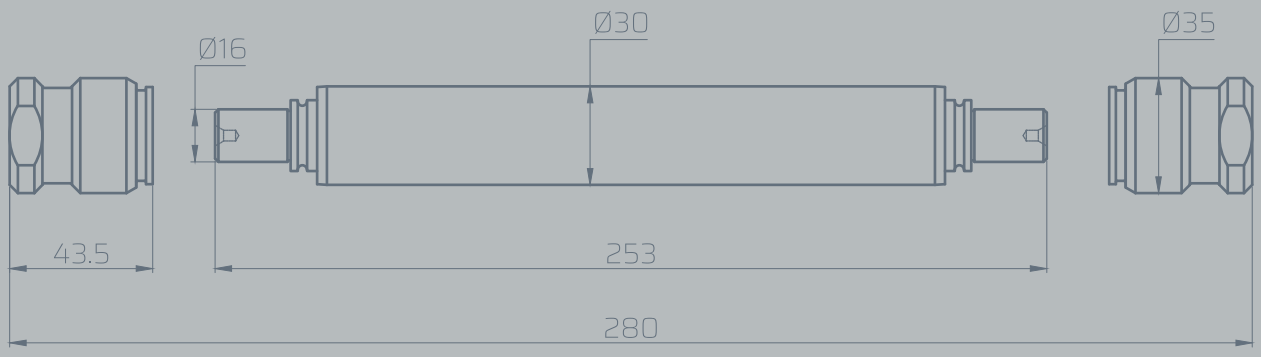
03 COMBER DRAWBOX



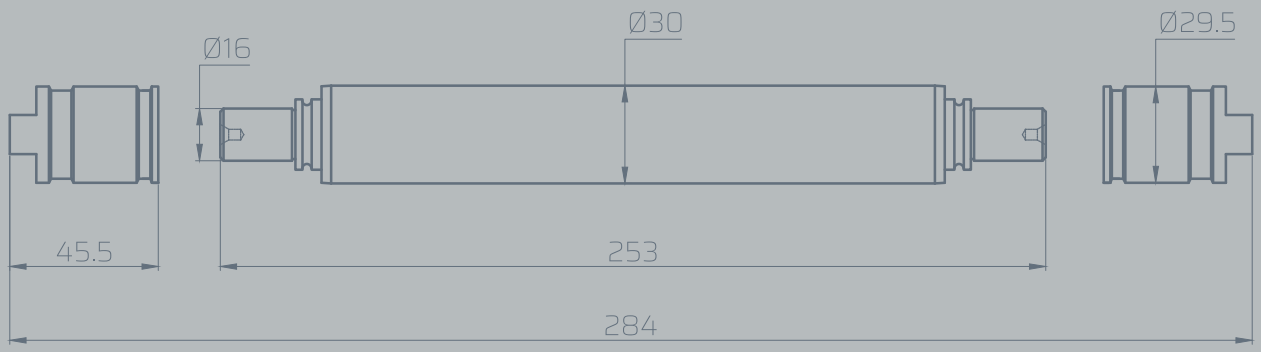
SZ 400 SERIES

- Precise internal clearance fit between bearing and shaft for even load distribution
- Enhanced greasing intervals
- Exceptional static-to-dynamic and axial-to-radial load withstanding capacity for new generation machines

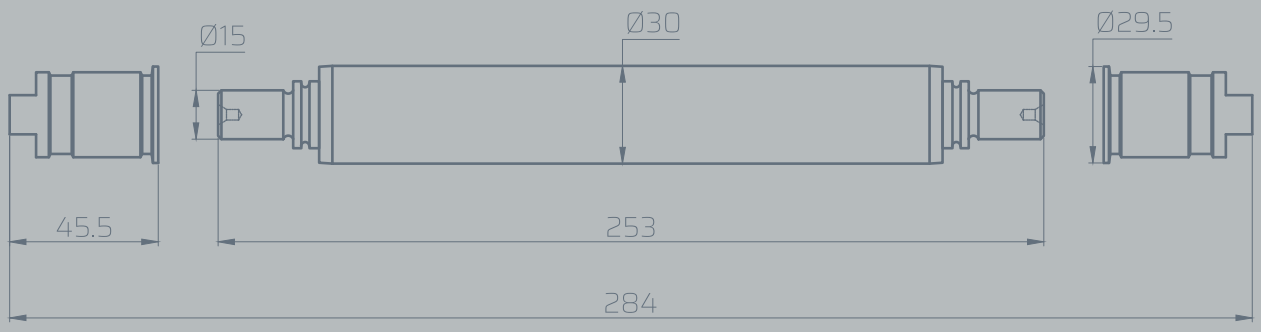
SERIES	MACHINE DETAILS	COT SIZE (MM)		
		BRD	FOD	WIDTH
SZ 401	RIETER - E7/5, E7/6	30	45	200



		BRD	FOD	WIDTH
SZ 402	RIETER - E60, E62, E60H	30	45	200

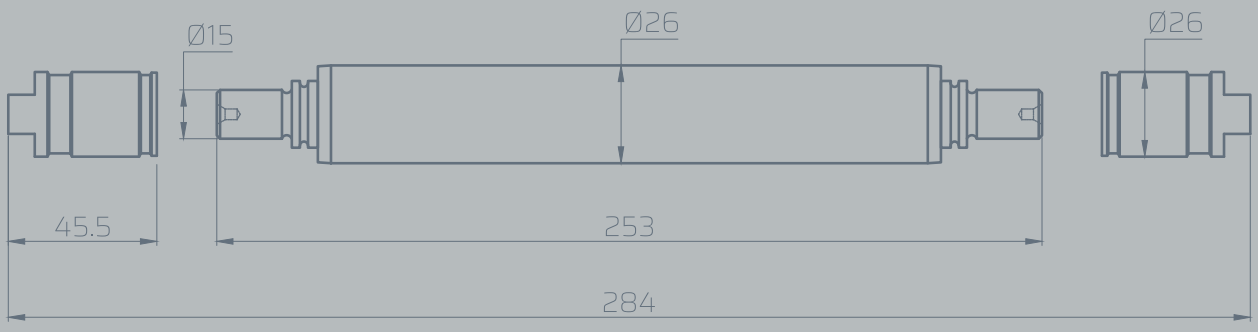


		BRD	FOD	WIDTH
SZ 403	RIETER - E65, E66, E70, E72, E75, E80, E86 (BIG)	30	45	200

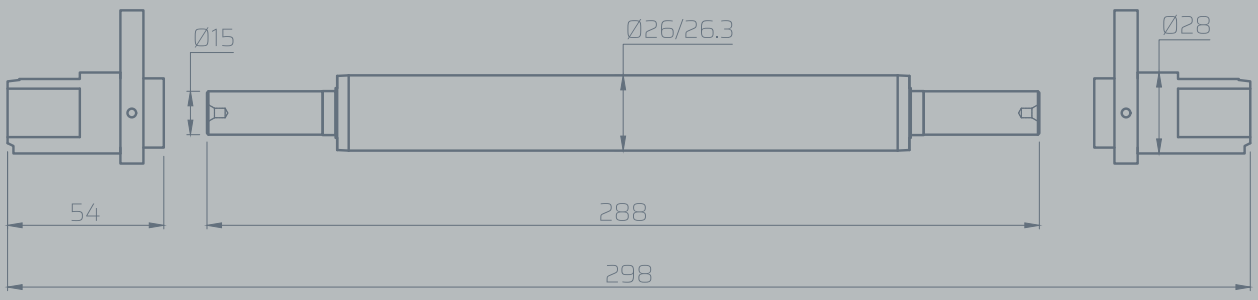


CONSTRUCTION	COMPONENTS & MATERIAL	DESIGN	HEAT & SURFACE TREATMENT	HIGH SPEED PERFORMANCE
AF	★★★	★★★	★★★	★★★

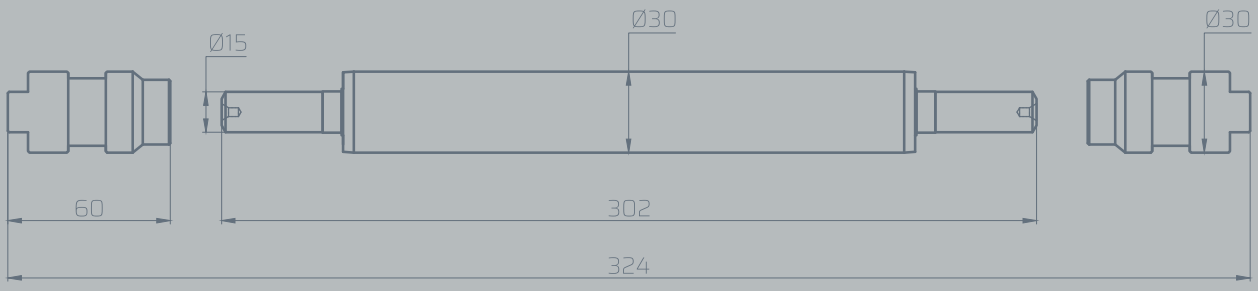
SERIES	MACHINE DETAILS	COT SIZE (MM)		
		BRD	FOD	WIDTH
SZ 404	RIETER - E65, E66, E70, E72, E75, E80, E86 (SMALL)	26	39	200



		BRD	FOD	WIDTH
SZ 406	LAKSHMI - LK250	26	38	198

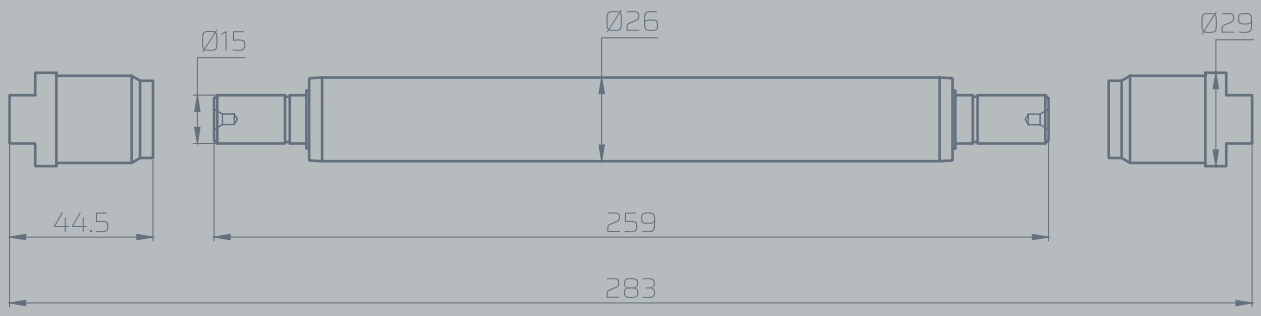


		BRD	FOD	WIDTH
SZ 407	LAKSHMI - LK54	30	45	210

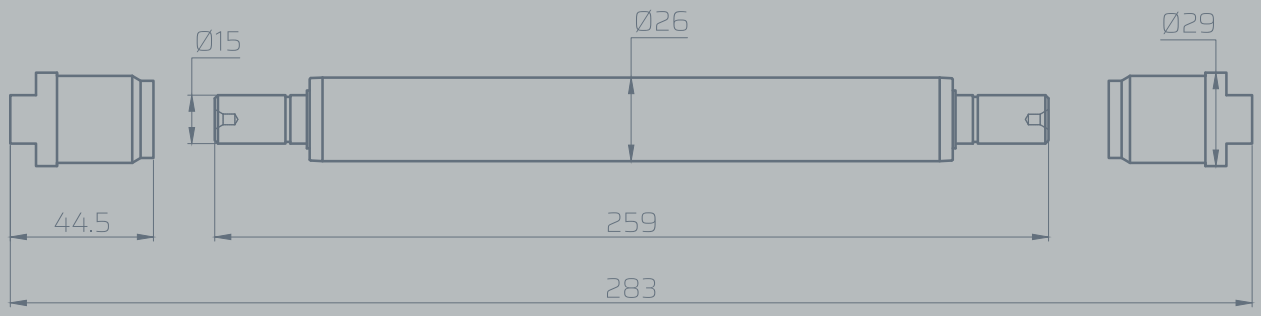


CONSTRUCTION	COMPONENTS & MATERIAL	DESIGN	HEAT & SURFACE TREATMENT	HIGH SPEED PERFORMANCE
AF	★★★	★★★	★★★	★★★

SERIES	MACHINE DETAILS	COT SIZE (MM)		
		BRD	FOD	WIDTH
SZ 408	LAKSHMI - LK64, LK64Z	26	39	200



		BRD	FOD	WIDTH
SZ 409	LAKSHMI - LK69	26	39	200



CONSTRUCTION	COMPONENTS & MATERIAL	DESIGN	HEAT & SURFACE TREATMENT	HIGH SPEED PERFORMANCE
AF	★★★	★★★	★★☆	★★☆

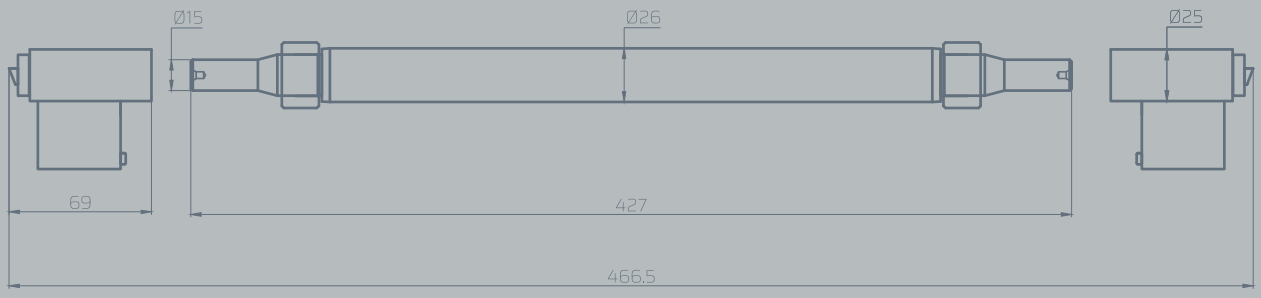
04 LAP FORMER



SZ 500 SERIES

- Precise dimensional tolerances to process large fibre volumes at high speeds
- Exceptional static-to-dynamic and axial-to-radial load withstanding capacity

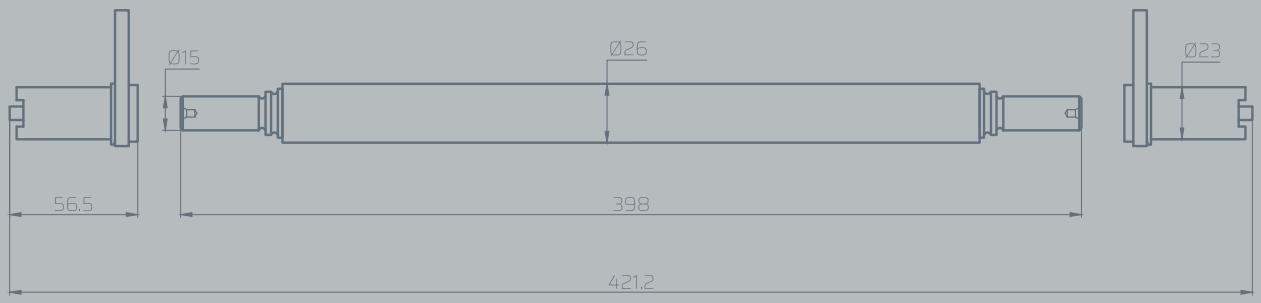
SERIES	MACHINE DETAILS	COT SIZE (MM)		
		BRD	FOD	WIDTH
SZ 501	RIETER - E5/3, E30, E32	26	40	300



		BRD	FOD	WIDTH
SZ 502	RIETER - E35, E36 OMEGA LAP	26	40	300

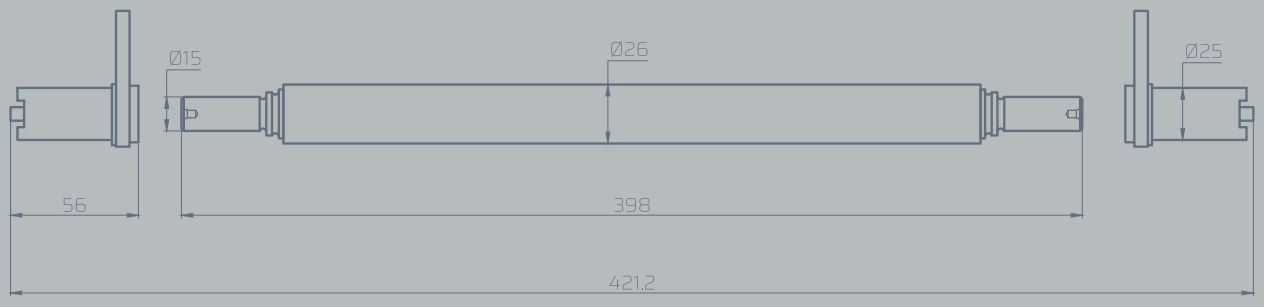


		BRD	FOD	WIDTH
SZ 504	LAKSHMI - LH10	26	40	306



CONSTRUCTION	COMPONENTS & MATERIAL	DESIGN	HEAT & SURFACE TREATMENT	HIGH SPEED PERFORMANCE
AF	***	***	***	***

SERIES	MACHINE DETAILS	COT SIZE (MM)		
		BRD	FOD	WIDTH
SZ 505	LAKSHMI - LH15	26	40	306



CONSTRUCTION	COMPONENTS & MATERIAL	DESIGN	HEAT & SURFACE TREATMENT	HIGH SPEED PERFORMANCE
AF	***	***	***	***

Suzuki Rollers are available for any make or model of preparatory machines

SUZUKI ROLLERS

B2, 801 Marathon Innova, Ganpatrao Kadam Marg, Lower Parel, Mumbai 400 013, INDIA

#702, 4-19 Hatcho-Dori, Toyohashi-shi, Aichi 440-0806, JAPAN

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