

# Live Centers



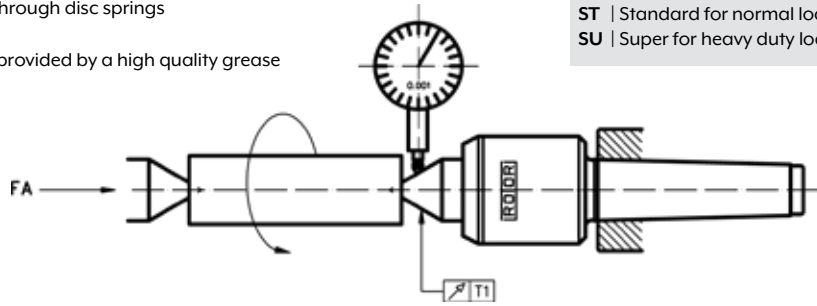
High Speed Steel – Main Line | Types N, V, L, A, D-AN

MAIN-LINE: Reliable top of the range live center for CNC and conventional lathes, and grinding machines

- Surface-hardened body
- Ground tapers conform to DIN228AT3
- Through-hardened spindle constructed from high-grade steel
- Spindle mounted by two needle bearings
- Thrust ball bearings to accommodate axial loads
- Over-pressure security through disc springs
- Reliable lip seal
- Continuous lubrication provided by a high quality grease

### BODY AND SPINDLE MODELS

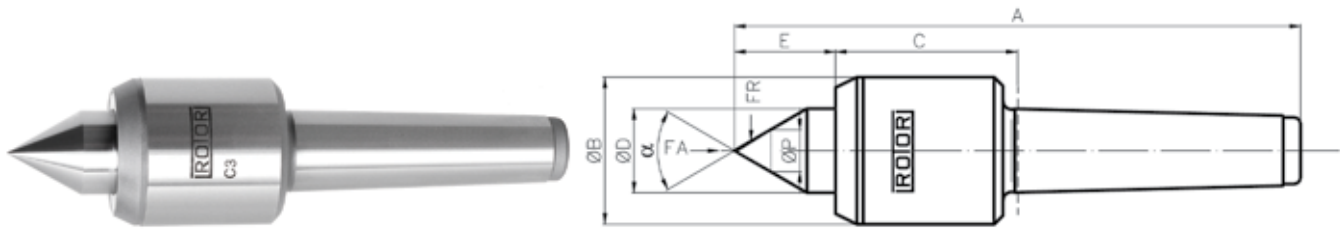
- SM | Small body for light pieces and higher turning rate
- ST | Standard for normal loads
- SU | Super for heavy duty loads and low turning rates



Accuracy of Mainline

Morse Taper	Type	FA daN min.	T1 mm max.	T1 inch max.
1-6 ST	N, V, L, A	20-50	0.005	0.0002
6 SU, 7 SU	N, A	100	0.008	0.0003

## Type N – Standard Point 60°



Morse Taper	Model	A (Inch)	B (Inch)	C (Inch)	D (Inch)	E (Inch)	ØP (Inch) C/T Only	Workpiece Maximum (lbs)	Maximum RPM	Code
MT1	1 ST	4.41	1.10	1.54	0.47	0.63	0.28	220	8000	100101
MT2	2 ST	5.16	1.34	1.57	0.63	0.87	0.28	484	7000	100102
MT2	2 SU	5.79	1.65	1.93	0.95	1.14	0.43	704	5800	100112
MT3	3 SM	5.83	1.34	1.57	0.63	0.87	0.28	880	7000	100133
MT3	3 ST	6.56	1.65	1.93	0.95	1.14	0.43	1120	5800	100103
MT3	3 SU	6.93	2.05	2.13	1.18	1.42	0.55	1540	4800	100113
MT4	4 SM	7.32	1.65	1.93	0.95	1.14	0.43	1540	5800	100134
MT4	4 ST	7.80	2.05	2.13	1.18	1.42	0.55	2420	4800	100104
MT4	4 SU	8.35	2.52	2.32	1.58	1.77	0.71	3960	4000	100114
MT5	5 SM	8.94	2.13	2.13	1.18	1.42	0.55	3124	4500	100135
MT5	5 ST	9.53	2.60	2.36	1.58	1.77	0.71	4620	4000	100105
MT5	5 SU	10.55	3.35	3.03	1.97	2.17	0.95	6600	2800	100115
MT6	6 ST	12.67	3.39	3.07	1.97	2.17	0.71	8800	2800	100106
MT6	6 SU	13.98	4.96	4.32	2.36	2.56	0.95	13200	1500	100116
MT7	7 SU	19.06	5.67	5.51	3.15	3.11	1.20	31000	1200	100117