



PRECISION • QUALITY • PERFORMANCE



Monthly PICKS

October 1-31

High-Performance Live Centers

As a leading manufacturer of rotary tooling and machine vises, GS Tooling is known for providing the highest quality tooling, manufactured to the industry's tightest specifications. Our new GS Live Centers are no exception, if you haven't tried them now is the time.

Stock up at our lowest prices ever, only for the month of October!

GS CNC Higher Speed Live Centers

Features

- Accuracy guaranteed to 0.002mm TIR (0.0001")
- Excellent for grinders, CNC machines, and high speed light duty machining
- Heat treated point to HRC 60±2
- High RPM (up to 6,000)
- Five Bearing System: A double row angular contact bearing, two single row angular contact bearings, and a rear needle roller bearing combine to provide improved runout, greater stability, longer tool life, and superior performance
- Anti-friction seal for coolant deflection and high speed
- Heat treated body for extra strength, rigidity, and long life
- Shaft borehole for easy, efficient dismounting
- Drop forged body (HRC50±2) for long life



MT	Max RPM	Workpiece Weight	Max Runout	Code No.	Reg. Price \$	SALE \$
3	6,000	1,653 lbs	0.002mm	311034	993.91	695.74
4	6,000	2,900 lbs	0.002mm	311026	646.00	452.20
5	5,000	3,645 lbs	0.002mm	311027	689.70	482.79

GS CNC High Speed Live Centers – Extended A Type Point

Features

- Accuracy guaranteed to 0.003mm TIR (0.0001")
- Excellent for CNC and conventional machines
- Specially shaped elongated center point improves tool clearance and machining flexibility for cramped area work
- Heat treated point to HRC 60±2
- High-performance lip seal and deflected shaft design protects bearing space from ingress by dust and coolant
- 4-Bearing System: a double row angular contact bearing, a radial ball bearing, and a rear needle roller bearing combine to provide excellent rigidity and high precision point concentricity
- Heat treated body for extra strength, rigidity, and long life



MT	Max RPM	Workpiece Weight	Max Runout	Code No.	Reg. Price \$	SALE \$
2	5,000	1,102 lbs	0.003mm	311016	431.30	301.91
3	5,000	1,102 lbs	0.003mm	311017	442.70	309.89
4	3,800	1,102 lbs	0.003mm	311018	551.00	385.70
5	3,000	3,307 lbs	0.003mm	311019	600.40	420.28

Pricing valid **October 1-31, 2021** or while quantities last. Prices subject to change without notice.



GS High-Performance Live Center Features

✓ Each GS Live Center uses either a 3, 4, or the incredible 5-bearing system. Each bearing system has been individually and specifically designed for the applications in which that live center is meant to be used. This specificity of design provides superior performance and tool life across the entire GS line of centers.

✓ An additional special coating process is applied to the lip seal contact area. This coating offers a higher sealing ability and reduces rotational friction, both contributing to longer tool life.

✓ If roller bearings are used at high temperatures, the hardness of the bearing steel decreases. Consequently, the basic load rating, which depends on the physical properties of the material, also decreases. GS Live Centers are designed to prevent excessive heat. Live center temperatures are controlled even when rotating at maximum RPM.

✓ Every single center has passed at least four different accuracy tests to ensure our customers the highest quality available in the market today.

✓ GS Tooling is committed to delivering outstanding value to our customers. In fact, we are so confident with the quality and performance of these live centers that we are offering a **30-day money back guarantee** against manufacturers defects.

GS CNC High Speed Live Centers Standard Point

Features

- Each GS Live Center uses either a 3, 4, or 5 bearing system providing superior performance and tool life
- A special coating process for the lip seal contact area offers a higher sealing ability and reduces rotational friction
- Designed to prevent excessive heat even when rotating at maximum RPM, extending tool life
- Every GS Live Center has passed at least 4 different accuracy tests to ensure the highest quality

MT	Max RPM	Workpiece Weight	Max Runout	Code No.	Reg. Price \$	SALE \$
2	5,000	1,102 lbs	0.003mm	311011	517.75	362.43
3	5,000	1,102 lbs	0.003mm	311012	442.70	309.89
4	3,800	1,764 lbs	0.003mm	311013	551.00	385.70
5	3,000	4,409 lbs	0.003mm	311014	600.40	420.28



GS CNC High Speed Live Centers Interchangeable Point

Features

- Accuracy guaranteed to 0.003mm TIR (0.0001")
- Excellent for CNC and conventional machines
- Specially shaped elongated center point improves tool clearance and machining flexibility for cramped area work
- Heat treated point to HRC 60±2
- High-Performance lip seal and deflected shaft design protects bearing space from ingress by dust and coolant
- 4-Bearing System: a double row angular contact bearing, a radial ball bearing, and a rear needle roller bearing combine to provide excellent rigidity and high precision point concentricity
- Heat treated body for extra strength, rigidity, and long life



Every center comes with "H" insert



Call for other available points

MT	Max RPM	Workpiece Weight	Max Runout	Code No.	Reg. Price \$	SALE \$
3	5,000	330 lbs	0.005mm	311020	585.20	409.64
4	3,800	551 lbs	0.005mm	311021	863.07	604.15
5	3,000	1,433 lbs	0.005mm	311022	976.60	683.62

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