

APRIL 2024

TOOLS OF THE TRADE



WHEN SPEED AND ACCURACY MATTER MOST.

All at equal quality, better pricing, & in stock in USA



✓ 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.

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!



PRECISION • QUALITY • PERFORMANCE

CNC High Speed Live Centers — Standard Point

Features

- Accuracy guaranteed to 0.003mm TIR (0.0001")
- Excellent for CNC and conventional machines
- Heat treated point to 60±2HRC
- 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 drop-forged body (50±2HRC) for extra strength, rigidity, and long life
- Shaft borehole for easy dismounting



Morse Taper	Body Dia. (mm)	Centre Body Dia. (mm)	Body Length (mm)	Workpiece Weight	Max RPM	Weight	Max Runout	Code No.	List Price \$	SALE \$
2	50	25	141	500 kg	5,000	0.7 kg	0.003mm	311011	533.28	346.63
3	50	25	158	500 kg	5,000	0.8 kg	0.003mm	311012	455.98	296.39
4	69	32	203	800 kg	3,800	1.85 kg	0.003mm	311013	567.53	368.89
5	88	40	256.3	2,000 kg	3,000	4.2 kg	0.003mm	311014	618.41	401.97
6	105	50	328	3,500 kg	2,800	8.7 kg	0.005mm	311015	1,467.75	954.04



High value production grade live centers, points, parts and kits.

The most popular live centers in the USA!

Skoda Heavy Duty Silver Line Live Centres — CSN 243324M

Features

- The rotating spindle is extended right through the tapered shank
- Two specially designed adjustable needle-roller bearings carry all radial loads
- A heavy duty ball thrust bearing takes all axial thrust
- Complete protection of bearings from the ingress of coolant, dirt or swarf is provided by the built-in oil-seal, which also prevents loss of lubricant



Morse Taper	Centre				Maximum RPM	Maximum Weight of Work Piece	Code No.	List Price \$	SALE \$
	Point Angle	Body Dia. (in)	Body Dia. (in)	Body Length (in)					
1	60°	5/8	1-3/8	4-3/8	6,000	200 lb	310105	185.43	120.53
2	60°	7/8	1-1/2	5	6,000	750 lb	310110	232.03	150.82
3	60°	1-1/8	1-7/8	6-1/4	5,000	880 lb	310115	276.45	179.69
4	60°	1-1/2	2-3/16	7-1/2	4,000	2860 lb	310120	351.50	228.48
5	60°	1-3/4	2-3/4	9-1/2	3,500	4400 lb	310125	507.14	329.64
6	60°	2-3/8	3-1/2	12-3/4	2,500	8800 lb	310130	1,021.40	663.91



Sowa Tool & Machine Co. Ltd.

Order online at www.SowaTool.com, email sales@sowatool.com or call 1-800-265-8221.

Pricing valid from April 1 - 30, 2024. While quantities last. We reserve the right to make pricing changes or impose purchase restrictions at any time, and accept no liabilities for mistakes and printing errors. Shipping charges apply & will be noted on invoice. All taxes extra.