



TOOLS FOR BEARINGS

MAKE THE HORROR OF BEARING REPLACEMENT & INSTALLATION A DELIGHTFUL EXPERIENCE

TOOLS FOR BEARINGS

**Specialists in Aerospace
Tooling for Bearing Staking,
Removal and Testing.**

BEARING INSTALLATION TOOLS

STANDARD AND CUSTOM

- Tri-Roller – Machine and Portable
- Tri-wheeler / Flat Roller / U-Roller
- Anvil
- Impression – Segment and Ball
- Sleeve / Retaining Ring

REMOVAL & EXTRACTION TOOLS

- Cutter – Machine and Portable
- Pull Out / Push In

TESTING TOOLS

- Proof Load – Machine and Portable
- Torque Breakaway

KITS

- Standard and MS Bearings
- Program Application Specific
- Service Bulletins and Airworthiness Directives

TECHNICAL ASSISTANCE

- Engineering
- Training

Aero Staking has the capabilities to manufacture and comply with all specifications and standards

COMMERCIAL / MANUFACTURER

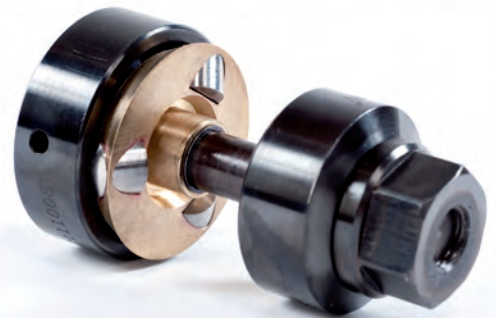
- GOVERNMENT / MILITARY • INDUSTRY

AERO STAKING, INC

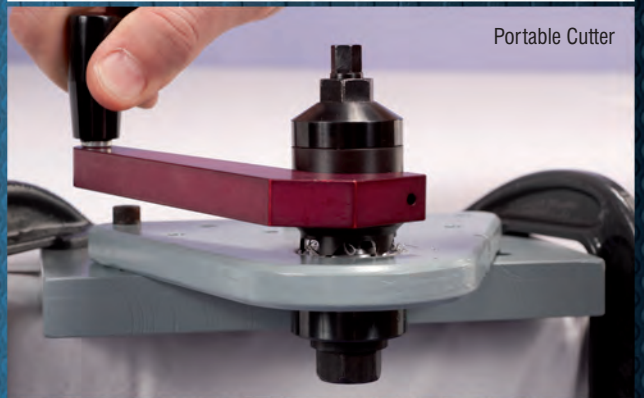
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www.aerostaking.com

Portable Swager



Portable Cutter



Drill Press Swagers



Portable Proof Load Tester



AERO STAKING BEARING TOOLS AND KITS FOR MS SERIES* BEARINGS

		Tri-Roller		Cutter		Swaging Kit		Proof Load	
Bearing # (MS14101)	Bearing # (MS14103)	Drill Press Tool Model #	Portable Tool Model #	Drill Press Tool Model #	Portable Tool Model #	Drill Press Kit Model #	Portable Kit Model #	Drill Press Kit Model #	Portable Kit Model #
MS14101-3		AST1000	AST3000	ASC4101-3 DP	ASC4101-3	ASK4101-3 DP	ASK4101-3	ASKP4101-3 DP	ASKP4101-3
	MS14103-3	AST1001	AST3001	ASC4103-3 DP	ASC4103-3	ASK4103-3 DP	ASK4103-3	ASKP4103-3 DP	ASKP4103-3
	MS14103-4	AST1002	AST3002	ASC4103-4 DP	ASC4103-4	ASK4103-4 DP	ASK4103-4	ASKP4103-4 DP	ASKP4103-4
MS14101-4		AST1003	AST3003	ASC4101-4 DP	ASC4101-4	ASK4101-4 DP	ASK4101-4	ASKP4101-4 DP	ASKP4101-4
	MS14103-5	AST1004	AST3004	ASC4103-5 DP	ASC4103-5	ASK4103-5 DP	ASK4103-5	ASKP4103-5 DP	ASKP4103-5
MS14101-5		AST1005	AST3005	ASC4101-5 DP	ASC4101-5	ASK4101-5 DP	ASK4101-5	ASKP4101-5 DP	ASKP4101-5
MS14101-6	MS14103-6	AST1006	AST3006	ASC4101-6 DP	ASC4101-6	ASK4101-6 DP	ASK4101-6	ASKP4101-6 DP	ASKP4101-6
MS14101-7	MS14103-7A	AST1007	AST3007	ASC4101-7 DP	ASC4101-7	ASK4101-7 DP	ASK4101-7	ASKP4101-7 DP	ASKP4101-7
	MS14103-7	AST1008	AST3008	ASC4103-7 DP	ASC4103-7	ASK4103-7 DP	ASK4103-7	ASKP4103-7 DP	ASKP4103-7
MS14101-8		AST1009	AST3009	ASC4101-8 DP	ASC4101-8	ASK4101-8 DP	ASK4101-8	ASKP4101-8 DP	ASKP4101-8
	MS14103-8	AST1010	AST3010	ASC4103-8 DP	ASC4103-8	ASK4103-8 DP	ASK4103-8	ASKP4103-8 DP	ASKP4103-8
MS14101-9		AST1011	AST3011	ASC4101-9 DP	ASC4101-9	ASK4101-9 DP	ASK4101-9	ASKP4101-9 DP	ASKP4101-9
	MS14103-9	AST1012	AST3012	ASC4103-9 DP	ASC4103-9	ASK4103-9 DP	ASK4103-9	ASKP4103-9 DP	ASKP4103-9
MS14101-10		AST1013	AST3013	ASC4101-10 DP	ASC4101-10	ASK4101-10 DP	ASK4101-10	ASKP4101-10 DP	ASKP4101-10
	MS14103-10	AST1014	AST3014	ASC4103-10 DP	ASC4103-10	ASK4103-10 DP	ASK4103-10	ASKP4103-10 DP	ASKP4103-10
	MS14103-12	AST1015	AST3015	ASC4103-12 DP	ASC4103-12	ASK4103-12 DP	ASK4103-12	ASKP4103-12 DP	ASKP4103-12
MS14101-12		AST1016	AST3016	ASC4101-12 DP	ASC4101-12	ASK4101-12 DP	ASK4101-12	ASKP4101-12 DP	ASKP4101-12
MS14101-14		AST1017	AST3017	ASC4101-14 DP	ASC4101-14	ASK4101-14 DP	ASK4101-14	ASKP4101-14 DP	ASKP4101-14
	MS14103-14	AST1018	AST3018	ASC4103-14 DP	ASC4103-14	ASK4103-14 DP	ASK4103-14	ASKP4103-14 DP	ASKP4103-14
MS14101-16		AST1019	AST3019	ASC4101-16 DP	ASC4101-16	ASK4101-16 DP	ASK4101-16	ASKP4101-16 DP	ASKP4101-16
	MS14103-16	AST1020	AST3020	ASC4103-16 DP	ASC4103-16	ASK4103-16 DP	ASK4103-16	ASKP4103-16 DP	ASKP4103-16

Housing Stake & Sleeve Swage

Other methods of bearing retention include staking the housing over the bearing or using sleeve over the outer race of the bearing and the housing. This can be accomplished with various methods including ball and segment impression staking or using flat rollers.

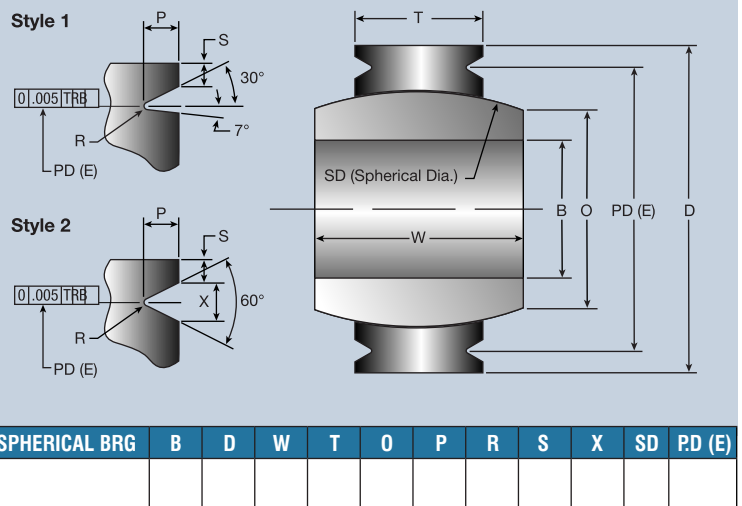
Custom Staking Kits Tailored for Your Needs



* We also provide tools for BACB | EN | ABS | NAS and other bearings.

Custom Design Tools

Many custom designed tools exist or can be designed to meet your application. A complete bearing size description and housing as listed below and any clearance restrictions must be known for proper design.



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