

# Automatic Slack Adjuster

Automatic Slack Adjuster Brochure



 **GUNITE**<sup>®</sup>  
An **ACCURIDE**<sup>™</sup>  
COMPANY

## Proven Technology from a Brand You can Trust!

Gunite<sup>®</sup> offers a complete line of unhanded Automatic Slack (Brake) Adjusters for installation on front (steer), rear (drive), and trailer axle applications.

## Why Choose Gunite Automatic Slack Adjusters?

Features	Benefits
<b>Sensing Type</b>	Gunite's unique clearance sensing design adjusts on the apply stroke, accurately reading the shoe-to-drum clearance when the brake drums are coolest and deflection of the brake system components are minimal.
<b>Clutch</b>	Gunite utilizes a 90-tooth Cone Clutch that provides fine incremental adjustments to ensure proper shoe-to-drum clearance.
<b>Clutch Spring</b>	Gunite's use of Belleville Springs provides a clutch preload that does not fade over time.
<b>Two-Way Adjustment</b>	Gunite's de-coupling clutch design allows limited readjustment to correct for possible over adjustment.
<b>Adjustment Occurs</b>	Gunite's Automatic Slack Adjuster adjusts on the applied stroke, and doesn't react to drum growth encountered during any single brake application. Operation isn't dependent on the air chamber return spring and brake shoe return spring condition.
<b>Drilled Worm Gear</b>	All Gunite Automatic Slack Adjusters have a drilled worm gear for lubrication to help prevent seizure of the S-Cam splines under extreme conditions.
<b>Gear Teeth</b>	Gunite's use of a Worm Gear Buttress Teeth Design Set provides greater loading capability, fatigue life, enhanced durability, and higher S-Cam torque.
<b>Non-Handed</b>	Gunite's Automatic Slack Adjusters are non-handed, requiring fewer part numbers to order and inventory.
<b>External Attachments</b>	Gunite Automatic Slack Adjusters do not require external mounting brackets.

## Feature Comparison to Other Brands

Feature	Gunite	Meritor	Bendix	TRAMEC (Crewson Ind.)	Haldex
Sensing Type	Clearance	Stroke	Clearance	Clearance	Clearance
Clutch	Cone Clutch	Ratcheting	Torsion Spring	Cone Clutch	Cone Clutch
Clutch Spring	Belleville Spring	No Spring	Torsion Spring	Coil	Coil
Two-Way Adjustment	Yes	No	No	No	Yes
Adjustment Occurs	On Apply	On Return	On Apply	On Return	On Return
Drilled Gear	Drilled	Drilled	Optional	Drilled	No
Gear Thread	Buttress	Buttress	Symmetric	Symmetric	Buttress
Non-Handed	Yes	No	Yes	Yes	Yes
External Attachments	No	No	No	No	Yes

## Top 10 Part Numbers

Gunite P/N	Packaged Weight (lbs.)	Arm Length	Number of Splines	Spline Diameter	Clevis Included	Application
AS1140	8.0	5.5"	28	1.50"	AS3019	All Positions
AS1141	8.0	6.0"	28	1.50"	AS3016	Drive
AS1132	8.0	5.5"	10	1.50"	AS3019	All Positions
AS1133	8.0	6.0"	10	1.50"	AS3016	Drive
AS1136	8.0	5.5"	10	1.25"	AS3019	Front, Dolly
AS1149	8.0	5.5"	28	1.50"	AS3018	Trailer
AS1150	8.0	6.0"	28	1.50"	AS3018	Trailer
AS1138	8.0	5.5"	24	1.25"	AS3019	Front, Dolly
AS1144	8.0	6.0"	37	1.50"	AS3018	Trailer
AS1147	8.0	6.0"	10	1.50"	AS3018	Trailer

Consult the Gunite Automatic Slack Adjuster parts catalog for Clevis Kit descriptions and Interchange information.

## Partial Part Number Interchange Additional cross references available upon request.

Haldex P/N	Gunite P/N
400-10001	AS1036 <sup>(3)</sup>
400-10004	AS1038 <sup>(3)</sup>
400-10005	AS1032 <sup>(3)</sup>
400-10008	AS1040 <sup>(3)</sup>
400-10070	AS1040 <sup>(3)</sup>
400-10071	AS1032 <sup>(3)</sup>
400-10072	AS1036 <sup>(3)</sup>
400-10073	AS1038 <sup>(3)</sup>
400-10104	AS1041 <sup>(3)</sup>
400-10105	AS1033 <sup>(3)</sup>
400-10141	AS1040 <sup>(3)</sup>
400-10144	AS1041 <sup>(3)</sup>
400-10145	AS1033 <sup>(3)</sup>
400-10155	AS1032 <sup>(3)</sup>
400-10156	AS1040 <sup>(3)</sup>
400-10200	AS1041 <sup>(3)</sup>
400-10201	AS1040 <sup>(3)</sup>
400-10202	AS1033 <sup>(3)</sup>
400-10203	AS1032 <sup>(3)</sup>
400-10204	AS1044 <sup>(3)</sup>
400-10206	AS1033 <sup>(3)</sup>
400-10211	AS1040 <sup>(3)</sup>
400-10212	AS1041 <sup>(3)</sup>
400-10214	AS1044 <sup>(3)</sup>
400-10215	AS1032 <sup>(3)</sup>
400-10216	AS1033 <sup>(3)</sup>
400-20211	AS1040 <sup>(3)</sup>
400-20212	AS1041 <sup>(3)</sup>
400-20214	AS1044 <sup>(3)</sup>
400-20215	AS1032 <sup>(3)</sup>
400-20216	AS1033 <sup>(3)</sup>

TRAMEC (Crewson Ind.) P/N	Gunite P/N
MB21102	AS1132 <sup>(1)</sup>
MB211A2	AS1132 <sup>(1)</sup>
MB21103	AS1133 <sup>(2)</sup>
MB211A3	AS1133 <sup>(2)</sup>
MB22102	AS1140 <sup>(1)</sup>
MB221A2	AS1140 <sup>(1)</sup>
MB22103	AS1141 <sup>(2)</sup>
MB221A3	AS1141 <sup>(2)</sup>
MB23103	AS1144 <sup>(2)</sup>
MB24102	AS1136 <sup>(1)</sup>
MB25102	AS1138 <sup>(1)</sup>
MB34100	AS1136
MB34200	AS1138
MB41100	AS1132
MB411A0	AS1132
MB41106	AS1133
MB411A6	AS1133
MB42100	AS1140
MB421A0	AS1140
MB42106	AS1141
MB421A6	AS1141
MB43106	AS1144
MB71100	AS1132
MB71106	AS1133
MB72100	AS1140
MB72106	AS1141
MB73106	AS1144

Meritor P/N	Gunite P/N
R801001	AS1136
R801002	AS1138
R801041	AS1132
R801042	AS1133
R801072	AS1140
R801073	AS1140
R801074	AS1141
R801079	AS1140
R801102	AS1144
R802070	AS1138
R802071	AS1138
R802316	AS1132
R802317	AS1132
R802332	AS1132
R802333	AS1132
R802444	AS1140
R802445	AS1140
R802446	AS1140
R802447	AS1140
R802462	AS1140
R802463	AS1140
R802486	AS1141
R802487	AS1141
R802490	AS1141
R802491	AS1141
R802667	AS1132

Bendix P/N	Gunite P/N
65164	AS1136
65167	AS1138
65170	AS1132
65172	AS1133
65174	AS1140
65175	AS1141
65176	AS1141
65221	AS1140
65244	AS1152
65247	AS1140
65274	AS1138
65335	AS1138
65344	AS1133
65403	AS1138
65700	AS1132
801351	AS1136
801353	AS1132
801355	AS1140

Interchange information shown within this brochure is based on information available at the time of publication, portions of which were obtained from unconfirmed sources; therefore, accuracy of the interchangeability information should be verified prior to installation.

<sup>(1)</sup> 5.5 inch arm length only  
<sup>(2)</sup> 6.0 inch arm length only  
<sup>(3)</sup> Gunite part number furnished without Clevis. Consult the Gunite ASA Catalog for the appropriate Clevis Kit.

## Recommended Initial Stocking Order

Gunite P/N	Quantity	Gunite P/N	Quantity
AS1140	30	AS1150	6
AS1141	14	AS1138	4
AS1132	14	AS1144	4
AS1133	9	AS1147	4
AS1136	6	AS3000	12
AS1149	9	AS3001	4

Gunite Corporation recommends an initial stocking order of 100 Automatic Slack Adjusters along with 16 Clevis Kits.