

### Articulating Ball Hitch

The patented Articulating Ball Hitch provides a tight pin-to-hitch connection while preserving articulation and flexibility. The maximum-contact design of the AB Hitch dramatically increases durability by eliminating impact-wear while maximizing implement control for accurate GPS guidance, tight turns and rough terrain.

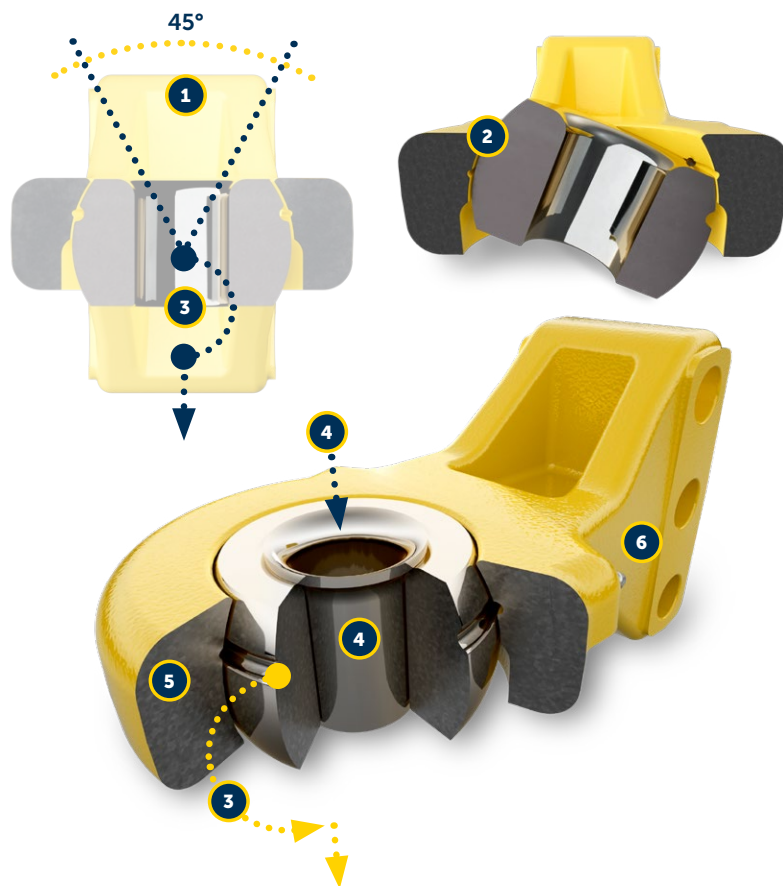
The interchangeable sizes of Ball Bushings, and step-down Sleeve Bushings provide patented no-tool pin-size versatility. Multiple size options and drop-in bushings quickly accommodate any drawpin size on the S3 PowerPin Drop Pin clevis that has become a standard feature on most North American tractors.

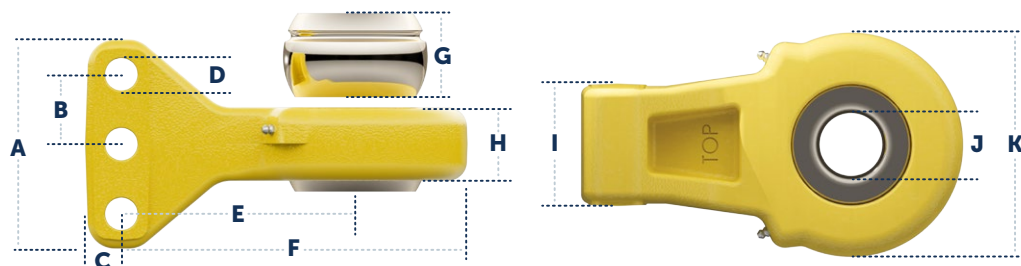
### Load Ratings

| Cat. | Part Number                      | Material    | Maximum Vert. Load | Maximum Draft Load |
|------|----------------------------------|-------------|--------------------|--------------------|
| 5    | BH5SABA<br>2 3/4" & 2" pin       | ADI Grade 3 | 30,000 lbf         | 139,000 lbf        |
| 4    | BH4SABA<br>2" & 1 1/2" pin       | ADI Grade 3 | 25,000 lbf         | 114,000 lbf        |
| 4    | BH4SAB3HA<br>2" & 1 1/2" pin     | ADI Grade 3 | 25,000 lbf         | 131,000 lbf        |
| 4    | BH4SABROA<br>2" & 1 1/2" pin     | ADI Grade 3 | 25,000 lbf         | 114,000 lbf        |
| 3    | BH3SABA<br>1 1/2" & 1 1/4" pin   | ADI Grade 3 | 22,000 lbf         | 77,000 lbf         |
| 3    | BH3SAB3HA<br>1 1/2" & 1 1/4" pin | ADI Grade 3 | 22,000 lbf         | 95,000 lbf         |

### Features

- 1 The AB Hitch allows for 45° of articulation.
- 2 At any angle, maximum surface area contact is maintained for superior implement control and minimal wear.
- 3 No tools are required for quick bushing changes for different drawpin sizes—simply rotate the ball bushing 90° and remove from the bottom.
- 4 Step-down flanged bushing allows for even faster changes to smaller drawpins while maintaining a tight fit for reduced wear and maximum strength. Reduces the need for multiple Ball Bushings.
- 5 All hitches meet or exceed ISO 21244-2008 standards.
- 6 Grease zerks are positioned at the back of the hitch for maximum impact protection.





### Dimensions

| Dimensions                  |   | Category 5 |          | Category 4 |           |          |           | Category 3 |          |         |          |            |           |            |
|-----------------------------|---|------------|----------|------------|-----------|----------|-----------|------------|----------|---------|----------|------------|-----------|------------|
|                             |   | BH5SABA    | BH5SABSA | BH4SABA    | BH4SABROA | BH4SABSA | BH4SAB3HA | BH4SAB3HSA | BH3SABLA | BH3SABA | BH3SABSA | BH3SAB3HLA | BH3SAB3HA | BH3SAB3HSA |
| Receiver height             | A | 6.75"      | 6.75"    | 4.5"       | 4.91"     | 4.5"     | 6.75"     | 6.75"      | 4.5"     | 4.5"    | 4.5"     | 4.5"       | 4.5"      | 4.5"       |
| Bolt hole centers distance  | B | 2.25"      | 2.25"    | 2.25"      | —         | 2.25"    | 2.25"     | 2.25"      | 2.25"    | 2.25"   | 2.25"    | 1.5"       | 1.5"      | 1.5"       |
| Bolt hole center to back    | C | 1.18"      | 1.18"    | 1.18"      | 2.25"     | 1.18"    | 1.18"     | 1.18"      | 1.18"    | 1.18"   | 1.18"    | .87"       | .87"      | .87"       |
| Bolt hole size              | D | 1"         | 1"       | 1"         | 1"        | 1"       | 1"        | 1"         | 1"       | 1"      | 1"       | .77"       | .77"      | .77"       |
| Draw pin to hole mounting   | E | 7.57"      | 7.57"    | 6.92"      | 5.87"     | 6.92"    | 7"        | 7"         | 6.91"    | 6.91"   | 6.91"    | 6.32"      | 6.32"     | 6.32"      |
| Nose to hole mounting       | F | 11.20"     | 11.20"   | 10.07"     | 8.75"     | 10.07"   | 9.82"     | 9.82"      | 9.72"    | 9.72"   | 9.72"    | 9.12"      | 9.12"     | 9.12"      |
| Ball thickness              | G | 2.88"      | 2.75"    | 2.56"      | 2.56"     | 2.56"    | 2.56"     | 2.56"      | 2.56"    | 2.56"   | 2.56"    | 2.56"      | 2.56"     | 2.56"      |
| Tongue thickness            | H | 2.38"      | 2.38"    | 2"         | 2.06"     | 2"       | 2.06"     | 2.06"      | 1.94"    | 1.94"   | 1.94"    | 1.88"      | 1.88"     | 1.88"      |
| Width for receiver          | I | 3.96"      | 3.96"    | 3.96"      | 2.88"     | 3.96"    | 3.96"     | 3.96"      | 3.96"    | 3.96"   | 3.96"    | 3.96"      | 3.96"     | 3.96"      |
| Draw pin size               | J | 2.75"      | 2"       | 2"         | 2"        | 1.5"     | 2"        | 1.5"       | 2"       | 1.5"    | 1.25"    | 2"         | 1.5"      | 1.25"      |
| Ball housing diameter       | K | 7.25"      | 7.25"    | 6.3"       | 5.75"     | 6.3"     | 5.62"     | 5.62"      | 5.62"    | 5.62"   | 5.62"    | 5.62"      | 5.62"     | 5.62"      |
| Number of bolts in receiver |   | 3          | 3        | 2          | 1         | 2        | 3         | 3          | 2        | 2       | 2        | 3          | 3         | 3          |
| Weight (lbs)                |   | 41.8       | 42.8     | 27         | 28.7      | 27       | 31        | 31         | 25.5     | 25.5    | 25.5     | 23         | 22.8      | 23         |

### Articulating Ball Bushings

Up to 45° of total articulation while maximizing contact area. Reduces hitch wear, easily removable with no tools.



|              |       | Inner Diam. |
|--------------|-------|-------------|
| Category 5   | HM33B | 2 3/4"      |
| Category 5   | HM42B | 2"          |
| Category 3&4 | HM31B | 2"          |
| Category 3&4 | HM32B | 1 1/2"      |
| Category 3   | HM36B | 1 1/4"      |

### Flanged Sleeve Bushings

Fast step-down to smaller pin sizes when using AB Bushings. Flanged to ensure easy pin drop-ins.



|              |       | Inner Diam. | Outer Diam. |
|--------------|-------|-------------|-------------|
| Category 5   | HM34F | 2"          | 2 3/4"      |
| Category 3&4 | HM35F | 1 1/2"      | 2"          |
| Category 3&4 | HM37F | 1 1/4"      | 2"          |
| Category 3&4 | HM38F | 1 1/4"      | 1 1/2"      |