WITH AH-23 HEAD

MATERIAL: AGE-HARDENED ALUMINUM TUBE, STAINLESS STEEL ACTUATOR HEAD
COLOR: ALUMINUM MILL FINISH

STANDARD POLE WITH AH-23 HEAD

BOLTED ON TO OR-W

TO BE USED FROM DECK OF SHIP UNLESS OTHERWISE NOTED.

---

### TABLE

<table>
<thead>
<tr>
<th>MODEL</th>
<th>ALLSET #</th>
<th>MACGREGOR</th>
<th>LENGTH*</th>
<th>REACH</th>
<th>WEIGHT</th>
<th>NOTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>5004-UP-06-W/AH-23</td>
<td>APB-1.8M</td>
<td>OR-W/1.8</td>
<td>1.8 M</td>
<td>5.9'</td>
<td>2 HIGH</td>
<td>1.5 Kg  3.2 LBS</td>
</tr>
<tr>
<td>5004-UP-09-W/AH-23</td>
<td>-</td>
<td>-</td>
<td>2.7 M</td>
<td>8.9'</td>
<td>2 HIGH</td>
<td>2.0 Kg  4.4 LBS</td>
</tr>
<tr>
<td>5004-UP-13-W/AH-25</td>
<td>-</td>
<td>-</td>
<td>4.0 M</td>
<td>13.1'</td>
<td>-</td>
<td>2.5 Kg  5.4 LBS PIGGYBACK</td>
</tr>
<tr>
<td>5004-UP-13-W/AH-24</td>
<td>APB-4.0M</td>
<td>OR-W/3.6</td>
<td>4.0 M</td>
<td>13.1'</td>
<td>-</td>
<td>2.2 Kg  4.9 LBS FROM TOP</td>
</tr>
<tr>
<td>5004-UP-16-W/AH-23</td>
<td>-</td>
<td>-</td>
<td>4.9 M</td>
<td>16.1'</td>
<td>3 HIGH</td>
<td>2.4 Kg  5.4 LBS</td>
</tr>
<tr>
<td>5004-UP-16-W/AH-25</td>
<td>-</td>
<td>-</td>
<td>4.9 M</td>
<td>16.1'</td>
<td>3 HIGH</td>
<td>2.5 Kg  5.4 LBS</td>
</tr>
<tr>
<td>5004-UP-18-W/AH-23</td>
<td>APB-5.1M</td>
<td>OR-W/5.1</td>
<td>5.5 M</td>
<td>18.0'</td>
<td>3 HIGH</td>
<td>2.9 Kg  6.5 LBS</td>
</tr>
<tr>
<td>5004-UP-20-W/AH-23</td>
<td>-</td>
<td>-</td>
<td>6.1 M</td>
<td>20.0'</td>
<td>3 HIGH</td>
<td>3.4 Kg  7.6 LBS</td>
</tr>
<tr>
<td>5004-UP-24-W/AH-23</td>
<td>-</td>
<td>-</td>
<td>7.3 M</td>
<td>23.9'</td>
<td>4 HIGH</td>
<td>3.7 Kg  8.1 LBS</td>
</tr>
<tr>
<td>5004-UP-26-W/AH-25</td>
<td>-</td>
<td>-</td>
<td>7.9 M</td>
<td>26.0'</td>
<td>4 HIGH</td>
<td>4.4 Kg  9.9 LBS</td>
</tr>
<tr>
<td>5004-UP-26-W/AH-25</td>
<td>APB-7.7M</td>
<td>OR-W/7.8</td>
<td>7.9 M</td>
<td>25.9'</td>
<td>4 HIGH</td>
<td>4.3 Kg  9.6 LBS</td>
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<tr>
<td>5004-UP-35-W/AH-23</td>
<td>APB-10.3M</td>
<td>OR-W/10.4</td>
<td>10.3 M</td>
<td>33.8'</td>
<td>5 HIGH</td>
<td>5.4 Kg  12.0 LBS</td>
</tr>
<tr>
<td>5004-UP-35-W/AH-25</td>
<td>-</td>
<td>-</td>
<td>10.3 M</td>
<td>33.8'</td>
<td>-</td>
<td>5.6 Kg  12.3 LBS</td>
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<tr>
<td>5004-UP-09-W/UP-02</td>
<td>-</td>
<td>9' EXTENSION FOR UP-35 UNLOCKING POLE TUBE 1.8 Kg / 4.0 LBS</td>
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<tr>
<td>5004-1623</td>
<td>-</td>
<td>BOLT-ON COUPLING WITH HARDWARE FOR 5004-UP-35-W/AH-23 0.6 Kg / 1.3 LBS</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

*OTHER LENGTHS CAN BE SUPPLIED UPON REQUEST.

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BUFFERS USA INC ®
“The Intermodal Hardware Specialists”

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E-mail: sales@buffersusa.com

7/5/18
**MATERIAL:** AGE-HARDENED ALUMINUM TUBE / STAINLESS STEEL ACTUATOR HEAD.

**UNLOCKING POLE**
EXTENDABLE, QUICK-COUPLING TYPE
w/ PUSH-BUTTON

<table>
<thead>
<tr>
<th>ITEM</th>
<th>MODEL</th>
<th>TYPE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
<th>REACH</th>
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<tbody>
<tr>
<td>1</td>
<td>5004-APB-Q-2.2-23</td>
<td>STARTER</td>
<td>2.2 M</td>
<td>2 Kg</td>
<td>2 HIGH</td>
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<tr>
<td>2</td>
<td>5004-APB-Q-2.2-25</td>
<td>STARTER</td>
<td>2.2 M</td>
<td>2 Kg</td>
<td>2 HIGH</td>
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<td>3</td>
<td>5004-APB-Q-5.0-23</td>
<td>STARTER</td>
<td>5 M</td>
<td>3 Kg</td>
<td>3 HIGH</td>
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<td>4</td>
<td>5004-APB-Q-5.0-25</td>
<td>STARTER</td>
<td>5 M</td>
<td>3 Kg</td>
<td>3 HIGH</td>
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<td>5</td>
<td>5004-APB-Q-5.4-23</td>
<td>STARTER</td>
<td>5.4 M</td>
<td>3.4 Kg</td>
<td>3 HIGH</td>
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<td>6</td>
<td>5004-APB-Q-5.4-25</td>
<td>STARTER</td>
<td>5.4 M</td>
<td>3.4 Kg</td>
<td>3 HIGH</td>
</tr>
<tr>
<td>7</td>
<td>5004-APB-Q-7.7-23</td>
<td>STARTER</td>
<td>7.9 M</td>
<td>4.9 Kg</td>
<td>4 HIGH</td>
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<tr>
<td>8</td>
<td>5004-APB-Q-7.7-25</td>
<td>STARTER</td>
<td>7.9 M</td>
<td>4.9 Kg</td>
<td>4 HIGH</td>
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<tr>
<td>9</td>
<td>5004-APQ-2.6</td>
<td>EXTENSION</td>
<td>2.6 M</td>
<td>2.9 Kg</td>
<td>ONE TIER MORE</td>
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<tr>
<td>10</td>
<td>5004-APB-Q-KIT/APM-23</td>
<td>SET</td>
<td>1 ea. ITEM 1</td>
<td>10.7 Kg</td>
<td>2 – 5 HIGH</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>3 ea. ITEM 9</td>
<td>23.6 LBS</td>
<td>2 – 5 HIGH</td>
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<tr>
<td>11</td>
<td>5004-APB-Q-KIT/APM-25</td>
<td>SET</td>
<td>1 ea. ITEM 2</td>
<td>10.7 Kg</td>
<td>2 – 5 HIGH</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>3 ea. ITEM 9</td>
<td>23.6 LBS</td>
<td>2 – 5 HIGH</td>
</tr>
</tbody>
</table>

**5004-APB-Q-2.2**
QUICK-COUPLING STARTER POLE w/ AH-25 HEAD

**5004-APB-Q-2.2-23**
QUICK-COUPLING STARTER POLE w/ AH-23 HEAD

**5004-APB-Q-5.0-23**
QUICK-COUPLING STARTER POLE w/ AH-23 HEAD

**5004-APB-Q-5.0-25**
QUICK-COUPLING STARTER POLE w/ AH-25 HEAD

**5004-APB-Q-5.4-23**
QUICK-COUPLING STARTER POLE w/ AH-23 HEAD

**5004-APB-Q-5.4-25**
QUICK-COUPLING STARTER POLE w/ AH-25 HEAD

**5004-APB-Q-7.7-23**
QUICK-COUPLING STARTER POLE w/ AH-23 HEAD

**5004-APB-Q-7.7-25**
QUICK-COUPLING STARTER POLE w/ AH-25 HEAD

**5004-APQ-2.6**
EXTENSION PIECE

**5004-AP-Q-2.6**
EXTENSION PIECE

**L = 9’ / 2.6M = ONE MORE TIER**

**5004-AP-QB-MALE**
QUICK-COUPLING STARTER POLE w/ AH-25 HEAD

**5004-AP-QB-FEMALE**
QUICK-COUPLING STARTER POLE w/ AH-25 HEAD

**MATERIAL:** AGE-HARDENED ALUMINUM TUBE / STAINLESS STEEL ACTUATOR HEAD.

---

BUFFERS USA INC

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“The Intermodal Hardware Specialists”

5004-2

11/1/19
MATERIAL: ALUMINUM TUBES / STAINLESS STEEL HEAD
FINISH: SELF-COLOR
WEIGHT: 5004-6365: 7.1 Kg / 15.7 LBS
5004-6365-1: 1.4 Kg / 3 LBS
5004-6365-1-EP: 1.5 Kg / 3.3 LBS
5004-6365-2: 1.9 Kg / 4.2 LBS
5004-6365-2-EP: 2 Kg / 4.4 LBS

UNLOCKING POLE
EXTENDABLE, SPRING-BUTTON TYPE
STANDARD EXTENSION LENGTH

MODEL 5004-6365
KIT INCLUDES: 1 EA. 5004-6365-1 UNLOCKING POLE w/ AH23 HEAD,
3 EA. 5004-6365-2 EXTENSION POLES
MODEL 5004-6365-1
UNLOCKING POLE w/ AH23 HEAD
FOR 2-HIGH STACKED CONTAINERS
MODEL 5004-6365-1-EP
UNLOCKING POLE w/ AH23 HEAD
& END PROTECTION (AS SHOWN)
FOR 2-HIGH STACKED CONTAINERS
MODEL 5004-6365-1-CV20-EP
UNLOCKING POLE w/ PLATE HEAD
& END PROTECTION (AS SHOWN)
FOR 2-HIGH STACKED CONTAINERS

MODEL 5004-6365-2
EXTENSION POLE FOR UP TO 5-HIGH STACKED CONTAINERS
MODEL 5004-6365-2-EP
EXTENSION POLE w/ END PROTECTION (AS SHOWN) FOR UP TO 5-HIGH STACKED CONTAINERS

MODEL 5004-6365-3
CONNECTOR TUBE (ALUM.)

MODEL 5004-6365-4
SPRING BUTTON

MODEL 5004-6365-5-KIT
BOLT KIT INCLUDES BOLTS, NUTS & WASHERS

MODEL 5004-6365-6-EP
6' 6" TUBE (ALUM.) DRILLED, NO HEAD
w/ END PROTECTION FITTED ON -EP MODEL ONLY – NOT SOLD SEPARATELY

MODEL 5004-6365-7-EP
9' TUBE (ALUM.) DRILLED w/ END PROTECTION

MODEL 5004-6365-8-EP
7' TUBE (ALUM.) DRILLED, NO HEAD w/ END PROTECTION
END PROTECTION FITTED ON -EP MODEL ONLY – NOT SOLD SEPARATELY

5004-OR-W-1063839 PLATE HEAD
5004-AH-23 HOOK HEAD
5004-6365-3
CONNECTOR TUBE (ALUM.)

5004-6365-5-KIT
BOLT KIT INCLUDES BOLTS, NUTS & WASHERS

5004-6365-7
9' TUBE (ALUM.) DRILLED
5004-6365-7-EP
9' TUBE (ALUM.) DRILLED w/ END PROTECTION

5004-6365-8-EP
7' TUBE (ALUM.) DRILLED, NO HEAD w/ END PROTECTION

5004-AH-23 HOOK HEAD

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MATERIAL: ALUMINUM TUBES / STAINLESS STEEL HEAD
FINISH: SELF-COLOR
WEIGHT: 5004-6365: 7.1 Kg / 15.7 LBS
5004-6365-1: 1.4 Kg / 3 LBS
5004-6365-1-EP: 1.5 Kg / 3.3 LBS
5004-6365-2: 1.9 Kg / 4.2 LBS
5004-6365-2-EP: 2 Kg / 4.4 LBS

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MATERIAL: ALUMINUM TUBES / STAINLESS STEEL HEAD
FINISH: SELF-COLOR
WEIGHT:
- 5004-6365-6.5: 6.5 Kg / 14.3 LBS
- 5004-6365-6.5-EP: 6.8 Kg / 15.0 LBS
- 5004-6365-1: 1.4 Kg / 3.0 LBS
- 5004-6365-1-EP: 1.5 Kg / 3.3 LBS
- 5004-6365-2/6.5: 1.7 Kg / 3.7 LBS
- 5004-6365-2/6.5-EP: 1.8 Kg / 4.0 LBS

**MODEL 5004-6365-6.5**
KIT INCLUDES: 1 EA. 5004-6365-1 UNLOCKING POLE w/ AH23 HEAD, 3 EA. 5004-6365-2/6.5 EXTENSION POLES

**MODEL 5004-6365-6.5-EP**
KIT INCLUDES: 1 EA. 5004-6365-1-EP UNLOCKING POLE w/ AH23 HEAD, 3 EA. 5004-6365-2/6.5-EP EXTENSION POLES w/ END PROTECTION

**MODEL 5004-6365-1**
UNLOCKING POLE w/ AH23 HEAD FOR 2-HIGH STACKED CONTAINERS

**MODEL 5004-6365-1-EP**
UNLOCKING POLE w/ AH23 HEAD & END PROTECTION (AS SHOWN) FOR 2-HIGH STACKED CONTAINERS

**MODEL 5004-6365-6**
6' 6" TUBE (ALUM.) DRILLED, NO HEAD

**MODEL 5004-6365-6-EP**
6' 6" TUBE (ALUM.) DRILLED, NO HEAD w/ END PROTECTION

**MODEL 5004-6365-9**
6' 6" TUBE (ALUM.) DRILLED

**MODEL 5004-6365-9-EP**
6' 6" TUBE (ALUM.) DRILLED w/ END PROTECTION

**MODEL 5004-6365-3**
CONNECTOR TUBE (ALUM.)

**MODEL 5004-6365-4**
SPRING BUTTON

**MODEL 5004-6365-5**
UNLOCKING POLE w/ AH23 HEAD, 3 EA.

**MODEL 5004-6365-5-KIT**
BOLT KIT – INCLUDES BOLTS, NUTS & WASHERS

**MODEL 5004-6365-6-EP**
6' 6" TUBE (ALUM.) DRILLED, NO HEAD w/ END PROTECTION

**MODEL 5004-6365-9-EP**
6' 6" TUBE (ALUM.) DRILLED w/ END PROTECTION

**MODEL 5004-6365-2/6.5**
EXTENSION POLE FOR UP TO 5-HIGH STACKED CONTAINERS

**MODEL 5004-6365-2/6.5-EP**
EXTENSION POLE w/ END PROTECTION (AS SHOWN) FOR 5-HIGH STACKED CONTAINERS

BUFFERS USA INC
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HEAD MADE FROM STEEL, BOLTED TO 1-1/2" ALUMINUM POLE.

UNLOCKING POLE
FOR KOEI SEMI-AUTOMATIC TWISTLOCK

MODEL 5004-UP-06-W/2937
MODEL 5004-UP-16-W/2937
MODEL 5004-UP-26-W/2937

<table>
<thead>
<tr>
<th>MODEL</th>
<th>A</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>5004-UP-06-W/2937</td>
<td>198.2 MM</td>
<td>1.87 Kg</td>
</tr>
<tr>
<td></td>
<td>6' 6&quot;</td>
<td>4.13 LBS</td>
</tr>
<tr>
<td>5004-UP-16-W/2937</td>
<td>4,877 MM</td>
<td>3.35 Kg</td>
</tr>
<tr>
<td></td>
<td>16'</td>
<td>7.38 LBS</td>
</tr>
<tr>
<td>5004-UP-26-W/2937</td>
<td>7,925 MM</td>
<td>4.91 Kg</td>
</tr>
<tr>
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<td>26'</td>
<td>10.8 LBS</td>
</tr>
</tbody>
</table>
UNLOCKING POLE HEADS

**MODEL 5004-AH-23**
STANDARD TYPE

- Reference: 6365-1
- Material: Stainless Steel / Aluminum
- Finish: Self-Color
- Weight: 0.38 Kg / 0.83 LBS

**MODEL 5004-AH-24**
FROM TOP TYPE

- Reference: 7683-1
- Material: Stainless Steel / Aluminum
- Finish: Self-Color
- Weight: 0.28 Kg / 0.62 LBS

**MODEL 5004-AH-25**
PIGGYBACK TYPE

- Reference: 7684-1
- Material: Stainless Steel / Aluminum
- Finish: Self-Color
- Weight: 0.50 Kg / 1.09 LBS

**MODEL 5004-AH-23-TQ**
FOR TELESCOPIC POLE

- Reference: 7694-1
- Material: Stainless Steel / Aluminum
- Finish: Self-Color
- Weight: 0.28 Kg / 0.61 LBS

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5004-6
UNLOCKING POLE
MANUAL TWISTLOCK TYPE

MODEL 5004-UP-7-W-1218
UNLOCKING POLE ASSEMBLY / KIT
7' x O.D. 1.25" Aluminum Pole
w/ Galvanized Steel Head
WEIGHT: 1.5 Kg / 3.31 LBS

MODEL 5004-UP-14-W-1218
UNLOCKING POLE ASSEMBLY / KIT
14' x O.D. 1.25" Aluminum Pole
w/ Galvanized Steel Head
WEIGHT: 2.55 Kg / 5.62 LBS

MODEL 5004-1218
GALVANIZED STEEL HEAD ONLY
WEIGHT: 0.43 Kg / 0.95 LBS

MODEL 5004-UP-7-1.25
7' ALUMINUM POLE ONLY
1.25" O.D. POLE
WEIGHT: 1.05 Kg / 2.31 LBS

MODEL 5004-UP-14-1.25
14' ALUMINUM POLE ONLY
1.25" O.D. POLE
WEIGHT: 2.1 Kg / 4.62 LBS

UNLOCKING POLE ASSEMBLY / KIT
14' x O.D. 1.25" Aluminum Pole
w/ Galvanized Steel Head
WEIGHT: 2.55 Kg / 5.62 LBS

MODEL 5004-1628
T-HANDLE FOR UNLOCKING POLES
Fits 1-1/2" Tube

MATERIAL: GALVANIZED STEEL
WEIGHT: 0.55 Kg / 1.2 LBS

MODEL 5004-7723
T-HANDLE FOR UNLOCKING POLES
Fits 1-1/4" Tube

MATERIAL: GALVANIZED STEEL
WEIGHT: 0.49 Kg / 1.07 LBS

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1/24/19