### Cutting Tool Sets

**NAS 907B TiN / TiCN / TiAIN Coated & Black Oxide**

#### Type 190 Black Oxide NAS 907B - Heavy-Duty
- The 135° split point makes this drill self-centering and requires less thrust in drilling harder metal than a general purpose drill.
- Recommended for medium hardness drilling applications.

#### Type 190-AN (TiN) Coated NAS 907B - 135° Split Point - Heavy-Duty
- TiN coating provides a super hard surface with high lubricity.
- Greatly extends tool life in high wear or very abrasive applications.

#### Type 190-ACN Titanium Carbonitride (TiCN) NAS 907B - 135° Split Point - HSS Heavy Duty
- TiCN is harder and has a lower coefficient of friction than TiN coating recommended were moderate temperatures are generated.
- Heavy-duty construction for drilling in tougher materials.
- Manufactured from premium high-speed steel.
- 135° split point is self-centering for reducing thrust and easier penetration.
- Provides exceptional oxidation resistance and extreme hardness.
- Manufactured to NAS 907B aerospace specification.

#### Type 190-ALN Titanium Aluminum Nitride (TiAIN) NAS 907B - 135° Split Point - HSS Heavy Duty
- TiAIN provides extreme hardness and oxidation resistance, superior hot hardness when compared to other coatings.
- Heavy-duty construction for drilling in tougher materials.
- Manufactured from premium high-speed steel.
- 135° split point is self-centering for reducing thrust and easier penetration.
- Provides exceptional oxidation resistance and extreme hardness.
- Manufactured to NAS 907B aerospace specification.

---

### Part listings

<table>
<thead>
<tr>
<th>Qty of each</th>
<th>1/16-5/32 by 64ths + 3/16, 7/32, 1/4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part #</td>
<td>A-10 Black Oxide - 135° Split Point</td>
</tr>
<tr>
<td>10 Pcs.</td>
<td>43330 A-10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Qty of each</th>
<th>1/16 - 3/8 by 32nds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part #</td>
<td>A-11 Black Oxide - 135° Split Point</td>
</tr>
<tr>
<td>11 Pcs.</td>
<td>43320 A-11</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Qty of each</th>
<th>1/16 - 1/4 by 64ths</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part #</td>
<td>A-13 Black Oxide - 135° Split Point</td>
</tr>
<tr>
<td>13 Pcs.</td>
<td>43340 A-13 TiN Coated - 135° Split Point</td>
</tr>
<tr>
<td>Part #</td>
<td>AN-13 Titanium Carbon Nitride 135° SP</td>
</tr>
<tr>
<td>15 Pcs.</td>
<td>81150 ALN-15 Titanium Aluminum Nitride 135° SP</td>
</tr>
<tr>
<td>Part #</td>
<td>A-15 Black Oxide 135° Split Point</td>
</tr>
<tr>
<td>21 Pcs.</td>
<td>43360 A-21 TiN Coated 135° Split Point</td>
</tr>
<tr>
<td>Part #</td>
<td>AN-21 Titanium Carbon Nitride 135° Point</td>
</tr>
<tr>
<td>Part #</td>
<td>ALN-21 Titanium Aluminum Nitride 135° SP</td>
</tr>
<tr>
<td>21 Pcs.</td>
<td>88680 ACN-21</td>
</tr>
<tr>
<td>Part #</td>
<td>81160 ALN-21</td>
</tr>
</tbody>
</table>
Cutting Tool Sets

**NAS 907B TiN / TiCN / TiAIN Coated & Black Oxide**

**Type 190** Heavy-Duty NAS 907B - Black Oxide
- The 135° split point makes this drill self-centering and requires less thrust in drilling harder metal than a general purpose drill.
- It is recommended for medium hardness drilling applications.

**Type 190-AN** (TiN) Coated NAS 907B
135° Split Point - Heavy-Duty
- TiN coating provides a super hard surface with high lubricity.
- Greatly extends tool life in high wear or very abrasive applications.

**Type 190-ACN** Titanium Carbonitride (TiCN) NAS 907B - 135° Split Point - HSS Heavy Duty
- Heavy-duty construction for drilling in tougher materials
- Manufactured from premium high-speed steel
- 135° split point is self-centering for reducing thrust and easier penetration
- Provides exceptional oxidation resistance and extreme hardness
- Manufactured to NAS 907B aerospace specification.

**Type 190-ALN** Titanium Aluminum Nitride (TiAIN) NAS 907B - 135° Split Point - HSS Heavy Duty
- Heavy-duty construction for drilling in tougher materials
- Manufactured from premium high-speed steel
- 135° split point is self-centering for reducing thrust and easier penetration
- Provides exceptional oxidation resistance and extreme hardness
- Manufactured to NAS 907B aerospace specification.

**Part #** | Qty of each | Description
--- | --- | ---
43370 | A-26 | Black Oxide - 135° Split Point 1
81172 | ACN-26 | Titanium Carbon Nitride 135° Split Point 1
81170 | ALN-26 | Titanium Aluminum Nitride 135° Split Point 1

**Part #** | Qty of each | Description
--- | --- | ---
43380 | A-29 | Black Oxide - 135° Split Point 1
96690 | AN-29 | TiN Coated - 135° Split Point 1
81162 | ACN-29 | Titanium Carbon Nitride 135° Split Point 1
81180 | ALN-29 | TiN Aluminum Nitride 135° Split Point 1

**29 Pcs. Blaze Orange - Ultra Dex**

**Part No.** | Qty of each | Description
--- | --- | ---
96770 | AN-29PON | TiN Coated - 135° Split Point 1

**60 Pcs.**

**Part #** | Qty of each | Description
--- | --- | ---
43390 | A-60 | Black Oxide - 135° Split Point 1
96700 | AN-60 | TiN Coated - 135° Split Point 1

**115 Pcs.**

**Part #** | Qty of each | Description
--- | --- | ---
43420 | A-115 | Black Oxide - 135° Split Point 1
95110 | AN-115 | TiN Coated - 135° Split Point 1

Proudly Manufactured in the U.S.A • America’s Finest High Speed Steel Cutting Tools • Call Toll Free 1.800.328.4655