TEREX | FINLAY

Crusher Wear Parts
**Introduction**

- Only Terex Finlay Spare Parts are created specifically for Terex Finlay machines based upon many years of application knowledge and experience.
- All original Terex Finlay Spare Parts undergo continuous market comparisons to ensure that they offer the customer the most cost-effective, quality Wear Parts available.
- Even the slightest change in Spare Part design may result in drastic changes to the shape and quality of product.
- Any deviation from authentic Terex Finlay Spare Part design in either material or dimensional specification, can result in serious damage to the crusher.
- All original Terex Finlay Spare Parts are subject to continuous development and extensive field-testing.
- Terex Finlay undertake research in the latest developments in crushing technology to ensure that Terex Finlay Spare Parts are always at the leading edge.
- Only approved Terex Finlay dealers have the full technical support service for advice and expertise on application suitability.
- Only the use of Original Terex Finlay Spare Parts ensures full warranty cover.

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**Manganese Steel**

- **18% MANGANESE**
  - Standard fit on all Jaw & Cone crushers.
  - A good all round liner for all applications.

- **22% MANGANESE**
  - Optional fit for all Jaw & Cone crushers.
  - Work hardens quicker in abrasive applications.

- **14% MANGANESE**
  - This is an option that is available if required although not generally stocked.
  - For use in soft low abrasion applications.

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**ROCK TYPES**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>14% Manganese</td>
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<td></td>
</tr>
<tr>
<td>18% Manganese</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>22% Manganese</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<td>✓</td>
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Jaw Plate Profiles

**SUPER TOOTH**
- Medium to hard rock applications
- Grips material to allow better crushing
- Available 18% & 22%

**QUARRY TOOTH**
- Hard rock & high abrasive applications
- Deeper tooth profile allows for extra wear
- Available in 18% & 22%

**MULTI TOOTH**
- Recycling applications
- Good grip on smooth flat surfaces
- Available 18% & 22%

**STANDARD TOOTH**
- Recycling & soft rock applications
- Available 18% & 22%
- Not available for all models

Heavy Duty Jaws

**HEAVY DUTY FIXED JAW LINER**
- Designed for fixed side only
- Reduces the number of fixed liner changes
- Available in 18% & 22%

**AVAILABLE FOR THE FOLLOWING MACHINES:**
- J-1170
- J-1175
- J-1480

**INCREASED WEAR LIFE**
- 40%
- 30%

*WEAR PARTS*
Each Cone Crusher has several different Profile options. Cone liner configurations are totally dependent upon the feed material size, its characteristics and the required product size. Available in 18% or 22% Manganese.

AVAILABLE FOR THE FOLLOWING MACHINES:
- C-1540
- C-1545
- C-1550
- C-1554

INCREASES WEAR LIFE BY +30%
- Reduces the number of liner changes.
- Available in 18% or 22% manganese.
- Machine Uptime.

AVAILABLE FOR THE FOLLOWING MACHINES:
- C-1540
- C-1545
- C-1550
Impactor Crusher Parts

The choice of blowbar is entirely dependant on application – the main factors being: maximum feed size, abrasiveness and hardness of the rock. Finlay offers a complete range of blow bar metallurgies to suit all applications, if you are in any doubt about the choice of blow bar to be used contact your local authorised Finlay dealer.

TEREX offer a complete range of blow bar metallurgy’s to suit all applications.

**MARTENSITIC**
- Good for hardness and impact resistance
- Used in primary and recycling applications
- Can accommodate large feed size
- Can tolerate steel in feed
- Used in primary & recycling applications

**MARTENSITIC CERAMIC**
- Martensitic bar that has a got a ceramic matrix running through the blow bar for extra wear life
- Maintains impact resistance of martensitic bar
- Increases wear life
- Used in primary & recycling applications

**CHROME**
- High Wear resistance
- Feed size needs controlled due to risk of breakages
- Will not tolerate steel in feed
- Available as Medium chrome and High chrome
- Used in secondary, tertiary & asphalt applications (as long as no unbreakable in feed)

**CHROME CERAMIC**
- Chrome bar that has a got a ceramic matrix running through the blow bar for extra wear life
- Feed size needs controlled due to risk of breakages
- Will not tolerate steel in feed
- Used in secondary, tertiary & asphalt applications (as long as no unbreakable in feed)

**Blow Bar Guide**

<table>
<thead>
<tr>
<th>Feed Size (mm)</th>
<th>Abrasiveness (g/t)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small / Low</td>
<td>High</td>
</tr>
<tr>
<td>Slate</td>
<td>Asphal</td>
</tr>
<tr>
<td>Building Rubble</td>
<td>Concrete</td>
</tr>
<tr>
<td>Recycling</td>
<td>Ceramic - (Tiles, Basins etc)</td>
</tr>
<tr>
<td>Sandstone</td>
<td>Gabbro</td>
</tr>
<tr>
<td>Dolomite</td>
<td>Granite</td>
</tr>
<tr>
<td>Greywacke</td>
<td>River Gravel</td>
</tr>
<tr>
<td>Natural Stone</td>
<td>Basalt</td>
</tr>
</tbody>
</table>

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**I-100**  **I-100RS**  **I-120**  **I-120RS**  **I-140**  **I-140RS**
NEW TOUGHENED CHROME BLOW BARS PROVE THEIR TOUGHNESS
The toughened chrome blow bars from Terex offer good wear resistance for abrasive applications including recycled concrete but are also tough enough to take impact from large feed size and also steel in the feed.

The big advantage during testing in an abrasive concrete recycling application was no breakages.

PROBLEM
Abrasive granite based concrete recycled application where feed size wasn’t controlled and steel (rebar) was in the feed which was causing standard high chrome ceramic bars breakage.

SOLUTION
New toughened high chrome blow bar from Terex

RESULT
No breakages
Wear life increased by 30%

APPLICATION
Concrete recycling (granite based rock)
24 inch (600mm) feed (some larger)*
Steel in feed
Aprons set at 5 inch (125mm) & 1 3/4 inch (45 mm)

APPLICATION
Concrete recycling (granite based rock)
24 inch (600mm) feed (some larger)*
Steel in feed
Aprons set at 5 inch (125mm) & 1 3/4 inch (45 mm)

*During testing Feed size was 600mm for this Application. Additional applications / materials highly resistant to compression E.g. Granite, Basalt etc. would be subject to stricter feed size controls and Terex cannot Guarantee any liability as testing hasn’t been carried out on these Materials to date.

<table>
<thead>
<tr>
<th>Blow Bar Type</th>
<th>Soft &amp; Medium</th>
<th>Building Rubble</th>
<th>Concrete - Medium Iron Content</th>
<th>Hard Rock - Not Abrasive (Basalt, Gravel)</th>
<th>Asphalt</th>
<th>Hard Rock - Abrasive (Granite, River Gravel)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toughened High Chrome</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Standard High Chrome</td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>(Feed Size &lt;250mm / 10in)</td>
<td>✔️</td>
<td>(Feed Size &lt;250mm / 10in)</td>
</tr>
</tbody>
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Now available as a retrofit kit, the innovative T-Link telematics system can help you plan, run and manage your fleet. The system can be fitted to older model Terex|Finlay machines and other mixed fleet equipment.

From the fleet management fundamentals of knowing the hours and location of your machine to sending machine specific alerts and tracking machine production, T-link can help you remotely monitor and manage your Terex|Finlay fleet and grow your business.

To find out more about T-link Telematics contact your local Terex|Finlay Dealer or visit: www.terexfinlay.com

Compatible with your Terex Finlay or Mixed Fleet

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