Tool steel

Hardenable tool steels from BU Precision Steel are used in roller and ball bearings and a wide variety of saw and blade applications such as circular saw blades, cutting knives, paper cutters and die plates.

The special advantages of the hot-rolled precision strip lie in its uniform properties and defined microstructure combined with optimum cleanness.

Close analysis ranges tailored to specific purposes and precisely controlled rolling parameters guarantee consistent and outstanding processability and optimum heat treatment results, yielding maximum wear resistance.

precidur®

- is used in virtually all industry sectors.
- offers close thickness tolerances similar to cold-rolled strip, optimum surface finishes and consistent material properties over the entire strip length and width.
- is characterized by its symmetrical strip profiles and mill edges.
- is the sum of all the experience we have gained in more than 100 years of manufacturing and processing steel.
Technical features

Tool steel
Material number: based on 1.7765
Material name: 32CrMoV12-10
Proprietary brand: precidur® 32CrMoV12-10
Delivery specification: based on Stahl-Eisen list
Application: Tool steel for various applications

<table>
<thead>
<tr>
<th>Chemische Zusammensetzung</th>
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<tbody>
<tr>
<td>Ladle analysis mass percentages</td>
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<tr>
<td>min.</td>
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<tr>
<td>max.</td>
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Further special analyses available

<table>
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<tr>
<th>Possible delivery options</th>
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<tbody>
<tr>
<td>Options</td>
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<tr>
<td>precidur® 32CrMoV12-10</td>
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<table>
<thead>
<tr>
<th>General thickness tolerances</th>
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<tbody>
<tr>
<td>Standard tolerances [mm]</td>
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<td>Special tolerances [mm]</td>
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<tbody>
<tr>
<td>Coil inner diameter:</td>
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<tr>
<td>Coil outer diameter:</td>
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<tr>
<td>Coil weight:</td>
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<tr>
<td>Strip width*:</td>
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<tr>
<td>Strip thickness*:</td>
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* May be subjected to restrictions.

Please contact our sales/technical customer advice team for detailed information.