APPLICATION
Blades of snow-plough, blades of cups, shieldings for material of TP, shoes of wear for A.F.C. chains.

PROPERTIES
Steel siliceous mangano of self-hardening type,
High percentage of carbon allowing to raise hardness in a natural state until 400HB by quenching water,
Resistance raised to the abrasive wear,
Good mechanical characteristics.

MÉCANICAL CHARACTERISTICS
- Rm : 750 à 850 N/mm²
- Re : 370 à 450 N/mm²
- A% : 14 à 17
- Hardness: 220 to 280 HB in a natural, hammer-hardenable state until 400HB

CHEMICAL ANALYSIS
<table>
<thead>
<tr>
<th>C %</th>
<th>Si %</th>
<th>Mn%</th>
<th>P%</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.42 à 0.50</td>
<td>0.25 à 0.35</td>
<td>0.50 à 0.80</td>
<td>0.035</td>
<td>0.025 à 0.035</td>
</tr>
</tbody>
</table>

IMPLEMENTATION
- Cross by shear, sawing or rather easy oxycutting
- Drilling and milling with tools with cobalt,
- Welding arc or Mig with fillers to high yield stress.