Element Six offers high-quality road planing picks and accessories that last longer, perform better and increase productivity – allowing customers to plane more road for less.
A GROWING RANGE OF INNOVATIVE PRODUCTS

Element Six works in partnership with customers to develop cutting-edge products and materials that offer considerable advantages over their competitors. Element Six has a proven commitment and capacity to innovate and continues to deliver ground-breaking commercial opportunities.

For instance, Element Six has engineered D Power™ Road Pick, an innovative Polycrystalline diamond (PCD) tipped road pick that lasts over 40 times as long as conventional picks.

Element Six’s unique state-of-the-art $30 million Global Innovation Centre near Oxford (UK), further enhances our position as the world leader in synthetic diamond and supermaterial research to find new ways to turn the extreme properties of supermaterials into products with revolutionary performance.

D Power™ Road Picks are suitable for asphalt milling applications on motorways, national roads and airport runways to a recommended depth of 12cm.

### D POWER™ ROAD PICKS EXCEED 40 X STANDARD PICK LIFE

<table>
<thead>
<tr>
<th>ROAD CUTTER LIFE:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Carbide Road Picks</td>
<td>4.5 km</td>
</tr>
<tr>
<td>D Power™ Road Picks</td>
<td>180 km</td>
</tr>
</tbody>
</table>

Based on European testing programme.

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- MasterGrade® picks P 4-5
- T-Series road picks P 6-7
- Soil stabilisation picks P 8-9
- Accessories P 10-11
IMPROVE PROJECT PROFITABILITY WITH BEST-IN-CLASS ROAD PICKS

For over 60 years, Element Six has been pioneering the manufacture and use of synthetic diamond and Tungsten Carbide for industrial applications. For over 20 years, Element Six has been offering road planing contractors an unrivalled portfolio of road planing and soil stabilisation picks:

**MASTERGRADE® ROAD PICKS**

MasterGrade® M-Series Road Picks use Element Six proprietary “Nano” technology to enhance the cobalt binder matrix. The result is a versatile pick with greater wear resistance and higher fracture toughness, which extends tool life expectancy by up to 50%. That cuts time consuming pick changes and raises returns on manpower and machine assets by increasing productivity and reducing operating costs.

**T-SERIES ROAD PICKS**

Element Six offers a range of optimum standard Tungsten Carbide picks. These picks set the benchmark for specification accuracy, reliability and value.

**SOIL STABILISATION PICKS**

Element Six offers a range of cost-effective picks tailored to match the varying techniques used for stabilising soils for the building of roads, pavements, railway lines, housing and industrial units. Element Six stabilisation picks maximise the efficiency and economy of stabilisation machines.

**ACCESSORIES**

Element Six offers a range of complimentary milling machine accessories and tools suitable for a wide range of milling machines.

**QUALITY**

The widespread use and the excellent reputation of Element Six road planing picks, soil stabilisation picks and complimentary accessories are supported by our stringent Quality Assurance Programme. Element Six is also certified to the international standards for quality, safety and environmental management.

**ADVANTAGES**

- MasterGrade® improves tool life by up to 50%
- Optimum wear resistance
- Improved holder protection
- Thicker wear protection disc
- Easy mounting/demounting
MASTERGRADE® OUTPERFORMS STANDARD PICKS BY UP TO 50%

Heavy duty pick for multi-purpose applications on medium to high powered machines.

RM3-M6 XL
part-no. 11032502

RM3-MN6 XL
WITH EXTRACTOR GROOVE
part-no. 11032503

Heavy duty pick for multi-purpose applications on medium to high powered machines.

RM3-M7
part-no. 11032195

RM3-MN7
WITH EXTRACTOR GROOVE
part-no. 11032194

Heavy duty pick for medium to high powered machines.

RM3-M9
part-no. 11032199

RM3-MN9
WITH EXTRACTOR GROOVE
part-no. 11032181

“Element Six’s MasterGrade® has proven over the years to be the tool that gives us the best overall value due to the extended life we get from the carbide tip. This means less frequent tool changing for operators, which they like, and in the long run a reduction in the number of picks we need to use”.

Jim Tough, Plant Director, Tripod Crest Ltd, UK

All dimensions in mm.
Road Planing Picks

For economical asphalt planing on medium and high powered machines.

**RM3-M8**
part-no. 11032183

**RM3-MN8**
WITH EXTRACTOR GROOVE
part-no. 11032198

Heavy duty pick for multi-purpose applications on high powered machines. Suitable for planing asphalt and concrete.

**RM3-M10**
part-no. 11032187

Pick with optimised head design for applications on medium to high powered machines.

**PRICE PERFORMANCE WINNER**

**RM3-M8 XL**
part-no. 11032182

**RM3-MN8 XL**
WITH EXTRACTOR GROOVE
part-no. 11032196
T-SERIES ROAD PICKS

**RM3-TN1**
with extractor groove
part-no. 11032136
For planing asphalt on small machines.

**RM3-T6**
part-no. 11032330
For asphalt planing on medium sized machines.

**RM3-T6 VR**
part-no. 11032322
For asphalt planing on medium to large sized machines.

**RM3-T6 XL**
part-no. 11032325
RM3-TN6 XL
with extractor groove
part-no. 11032143
Heavy duty pick for multi-purpose applications on medium to high powered machines.

**RM3-T7**
part-no. 11032136
RM3-TN7
with extractor groove
part-no. 11032139
Heavy duty pick for multi-purpose applications on medium to high powered machines.

**RM3-T9**
part-no. 11032133
RM3-TN9
with extractor groove
part-no. 11032137
Heavy duty pick for multi-purpose applications on medium to high powered machines.

Road Planing Picks
FOR QUALITY AND STRONG PERFORMANCE

**Road Planing Picks**

RM3-TB 15  
part-no. 11032305  
For planing concrete, suitable for medium to large sized machines.

RM3-TB 13  
part-no. 11032304  
For planing concrete, suitable for medium sized machines.

RM3-TN8 XL WITH EXTRACTOR GROOVE  
part-no. 11032152  
Pick with optimised head design for applications on medium to high powered machines.

RM3-T8 XL  
part-no. 11032147  
Heavy duty pick for multi-purpose applications on high powered machines. Suitable for planing asphalt and concrete.

RM3-T8  
part-no. 11032135  
RM3-TN8  
part-no. 11032138  
For economical asphalt planing on medium and high powered machines.

RM3-T10  
part-no. 11032146  
RM3-T8 XL WITH EXTRACTOR GROOVE  
part-no. 11032152  

FOR QUALITY AND STRONG PERFORMANCE
SOIL STABILISATION PICKS

**RM3-22/BS 13**
part-no. 11030252

**RM3-22/B3**
part-no. 11030253

**RM3-22/B7**
part-no. 11030247

**RM3-22/B10.1**
part-no. 11030287

**RM3-22/BM10**
part-no. 11031333
Element Six soil stabilisation picks deliver high performance in all applications. (Source: Petschl Frästechnik)
ACCESSORIES FOR ROAD PLANING

**RH3-20-WK**
part-no. 13010023
Pick holder with locating pins for precise mounting to milling drum.

**RM3-20-W**
part-no. 13010021
Pick holder with a high service life, to be welded directly to the milling drum.

**DRIFTER**
part-no. 13210017
Drifter for quick and easy exchange of picks.

**EXTRACTOR**
part-no. 13210030
Extractor for quick and easy exchange of picks.

**EJECTOR 250MM**
part-no. 14010035
Wear resistant ejector, width 250 mm, for use on high powered machines.

**EJECTOR 150MM**
part-no. 14010034
Wear resistant ejector, width 150 mm, for use on medium class milling machines.

*Road Planing Picks*
Carbide protected blade (right) which is distinguished by high wear resistance.

Carbide protected blade (middle) which is distinguished by high wear resistance.

Carbide protected blade (left) which is distinguished by high wear resistance.

Carbide protected blade (middle) which is distinguished by high wear resistance.

Carbide protected blade which is distinguished by high wear resistance.

Carbide protected blade which is distinguished by high wear resistance.
Element Six is a part of the De Beers Group of Companies, designs, develops and produces synthetic diamond and other supermaterials, and operates worldwide with primary manufacturing facilities in China, Germany, Ireland, South Africa, the UK and US.

Element Six supermaterial solutions are used in applications such as cutting, grinding, drilling, shearing and polishing, while the extreme properties of synthetic diamond beyond hardness are opening up new applications in a wide array of industries such as optics, power transmission, water treatment, semiconductors and sensors.

If you would like to know more about Element Six please visit our website www.e6.com or contact us at the address below.

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