



Cutting tools for the professional!

Size doesn't matter for Crown Norge. Our tools can handle the most!



Tyne Bridge, Newcastle



The largest metal Olympic Rings manufactured for the London Games 2012. 25 metres long. 12 metres high.

Material: 2,5mm aluminium - Tool used: 4mm "Multi-Purpose" single fluted router bit from Crown Norge AS.



Access the latest and best tools!



V grooving ACM
30 m/min!

NO. 1 FOR STAINLESS/HARDENED STEEL!

"THE NANO GRAVER"

Excellent for fine engraving in steel.
(Only for rigid machines with high frequency spindles.)



"THE MICRO GRAVER"

for high frequency- and belt-driven spindles.
Also excellent for brass and aluminium.



"THE NANO GRAVER"

D	L
3,0mmx28mm	(7) HR-SE(30°)
3,0mmx38mm	(7) HR-SE(30°)
4,0mmx38mm	(7) HR-SE(30°)
4,0mmx38mm	(9 + 9) HR-DE(30°)
4,0mmx45mm	(10 + 10) HR-DE(30°)

**SUPERIOR QUALITY TUNGSTEN CARBIDE
WITH SUPER THIN COATING, ONLY 0,5µ THICK.
MORE AND BETTER ENGRAVING.
LESS RESHARPENING!**

"THE MICRO GRAVER"

D	L
3,0mmx38mm	(7) HR-SE(30°)
3,0mmx38mm	(7/5) QR-SE(30°)
4,0mmx38mm	(8) HR-SE(15°, 30°, 45°)
4,0mmx38mm	(8/6) QR-SE(30°)
4,0mmx38mm	(9+9) HR-DE(30°)
4,0mmx45mm	(10 + 10) HR-DE(30°)
6,0mmx50mm	(12) HR-SE(15°, 30°, 45°)
6,0mmx50mm	(12/10) QR-SE(30°)
6,0mmx50mm	(12 + 12) HR-DE(30°)
4,365mmx165mm	(13) HR(30°)
4,365mmx165mm	(13/11) QR(30°)

D: Shank diameter
L: Total length
(): Length of flat
HR: Half round
QR: Quarter round
SE: Single end
DE: Double end
= balanced
(): Cutting angle

"An unbeatable team: LANG milling- and engraving machines and tools from Crown Norge!"

Joachim Steidel, Sales Manager, Graphics & Mint Industry, LANG GmbH & Co. KG

NEW! Economy Line

BLANKS:

Half round:

4,0mmx38mm(11)HR-SE-BL
4,0mmx38mm(9+9)HR-DE-BL

4,365mmx165mm(13)HR-BL

6,0mmx50mm(13)HR-SE-BL
6,0mmx50mm(13+13)HR-DE-BL

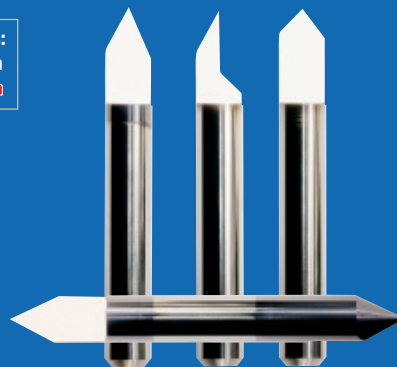
Quarter round:

4,0mmx38mm(11/9)QR-SE-BL

4,365mmx165mm(13/11)QR-BL

6,0mmx50mm(13/11)QR-SE-BL

Tolerances:
-0.000 mm
+0.010 mm



**SHARPENED TO 0,00mm.
COATING 1 - 2,5µ**

3,0mmx38mm(7)HR-SE (30°)
3,0mmx38mm(7/5)QR-SE (30°)

4,0mmx38mm(8)HR-SE (30°, 45°)
4,0mmx38mm(8/6)QR-SE (30°)
4,0mmx38mm(9+9)HR-DE (30°)

6,0mmx50mm(13)HR-SE (30°, 45°)
6,0mmx50mm(13/11)QR-SE (30°)
6,0mmx50mm(13+13)HR-DE (30°)

4,365mmx165mm(13)HR (30°)
4,365mmx165mm(13/11)QR (30°)



Drag diamonds:
90° and 120°
3,175 x 28mm
3,175 x 114mm
4,365 x 165mm



Diamond Adaptor

Rotating Diamonds:
3,175 x 127mm
4,365 x 178mm



Tip size:
0,125mm
0,25mm
0,38mm
0,51mm
0,64mm
0,76mm
1,02mm



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All in stock!

**SCHWEIZERISCHER
VERBAND DER GRAVEURE**

Norsk Gravevæstere Forening
- Member of the engravers associations in Switzerland and Norway -