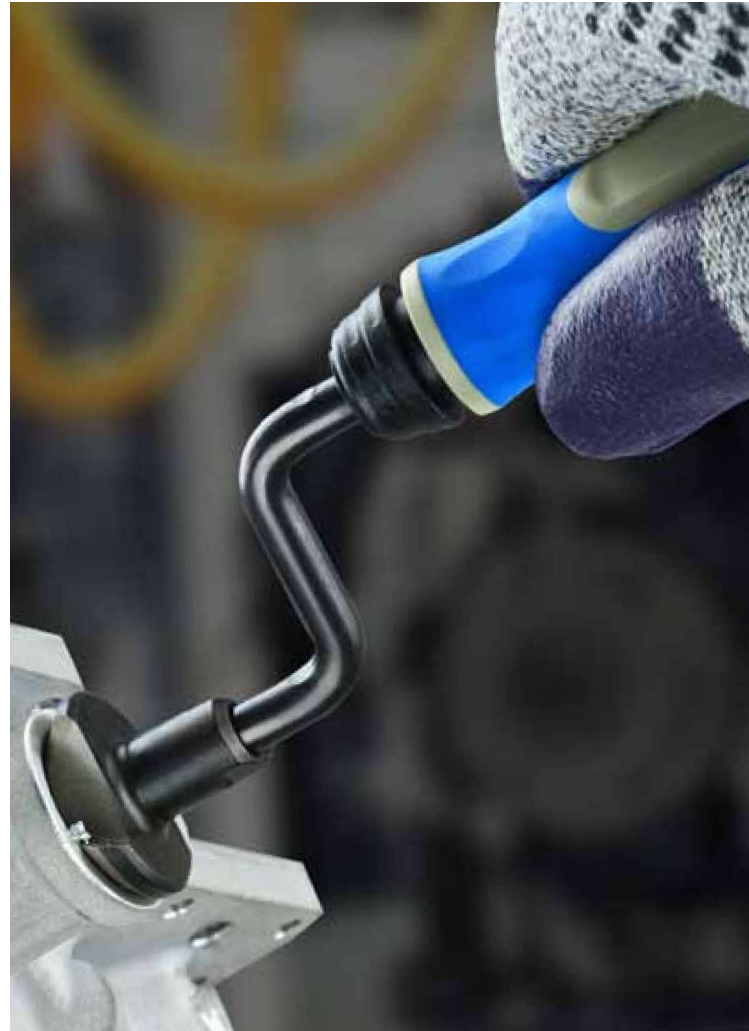


# Countersink



# Heavy Duty

## COUNTERSINK NG3100

The standard tool for countersinking.

Useful for chamfering deep holes.

INCLUDES: NG-3 handle, C holder and C20 countersink (20 mm).



## HEAVY DUTY EXTERNAL ROTODRIVE NG3500

Chamfers the O.D. on bars and tubes.

Range: 8-28 mm.

INCLUDES: NG-3 handle, H.D. external RotoDrive holder and EX28 countersink.



## HEAVY DUTY ROTODRIVE NG3400

40 mm displacement allows for heavy duty burrs to be removed. Continuous rotation of countersink enables very fast chamfering.

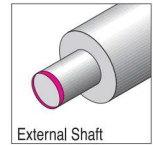
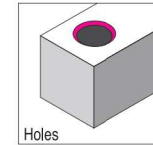
INCLUDES: NG-3 handle, H.D. cranked RotoDrive holder and C20 countersink (20 mm).



# Countersink C Blades



# Handles C Blades



Work best on steel, aluminum and plastic. TiN coated blades have a vastly extended blade life

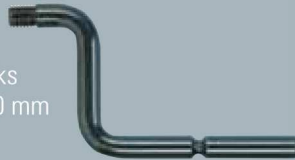
## NG-3 Handle NG3000

NogaGrip-3 - holds all blade holders.  
Designed for maximum comfort in your hand.



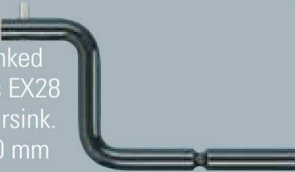
## H.D. Rotodrive Holder EL0802

Heavy duty cranked holder. External M7 thread to hold: C12, C20 and C30 countersinks  
Working dia. 80 mm








## H.D. Ex. Rotodrive Holder EL0902

Heavy duty cranked holder. Accepts EX28 external countersink.  
Working dia. 80 mm



## BLADES

BLADES	order no.		range (mm)	angle (degrees)	package weight (g)	package quantity
<b>C12</b>	BC1211		1-12	90	24	1
<b>C20</b>	BC2011		3-20	90	28	1
<b>C20TiN</b>	BC2012		3-20	90	25	1
<b>C30</b>	BC3011		3-30	90	53	1
<b>EX28</b>	EX3001		8-28	90	17	1

All blades are made of H.S.S. Hardness 62-64Rc

## C Holder CH3000

Holds C12, C20 and C30 countersinks. M7 external thread.  
Has a hexagonal cross section to prevent rotating inside handle.  
Length 131 mm.



# Countersink Rotodrive



# Classic Rotodrive

## ROTODRIVE NG1200

The quickest way to chamfer. Single flute countersink provides a smoother cut. Range: 1-10.4 mm.

INCLUDES: NG-1 handle and Rotodrive RD 10.4 countersink.



## EXTERNAL ROTODRIVE NG1700

Chamfers the O.D. on bars and tubes. Quickest way to chamfer O.D. on most materials. Range: 4-18 mm.

INCLUDES: NG-1 handle and Rotodrive EX 18 countersink.



## ROTODRIVE NG1107

The quickest way to chamfer. Single flute countersink provides a smoother cut. Range: 1-20 mm.

INCLUDES: NG-1 handle and Rotodrive RD 20 countersink.



## QUICK CONNECT ROTODRIVE NG1800

Quick connection to the tool blade holder. The quickest way to chamfer by hand. Single Flute Countersink provides a smoother cut. Range: 3-25 mm.

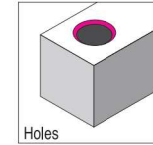
INCLUDES: NG-1 handle, cranked quick connect holder CH3300 and countersink blade BC 2511.



# Countersink RD Blades



# Handles RD Blades



## NG-1 Handle NG1000

NogaGrip-1 - holds all S blades (3.2mm).  
Designed for maximum comfort in your hand.



## Cranked Quick Connect Holder CH3300

3.2 mm shank



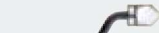








## NEW DESIGN CONCEPT

Quick connect countersink blade



Work best on steel, aluminum and plastic. TiN coated blades have a vastly extended blade life

BLADES	order no.		range (mm)	angle (degrees)	package weight (g)	package quantity
<b>RD3.2</b>	BC3201		0-3	90	9	1
<b>RD6.3</b>	BC6301		1-6.3	90	9	1
<b>RD8.3</b>	BC8301		1-8.3	90	11	1
<b>RD10.4</b>	BC1041		1-10.4	90	14	1
<b>RD10.4 TiN</b>	BC1044		1-10.4	90	15	1
<b>RD16.5</b>	BC1651		1-16.5	90	33	1
<b>RD20</b>	BC2201		1-20	90	44	1
<b>*RD25</b>	BC2511		3-25	90	44	1
<b>EX18</b>	EX2001		4-18	90	15	1

\* will fit holder **CH3300** only.

All blades are made of H.S.S. Hardness 62-64Rc

# Countersink Reversible



# Handles

## MINI REVERSIBLE RC1000

Very fine tool for deburring both back and front sides holes.

Range: 3-5.5 mm.

INCLUDES: Steel handle, R1 blade.



## MEDIUM REVERSIBLE RC2000

Range: 5-10 mm.

INCLUDES: Steel handle, R2 blade.



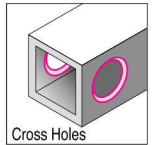
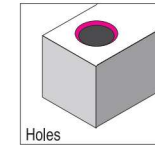
## LARGE REVERSIBLE RC2200

Range: 10-22 mm.

INCLUDES: Steel handle, R3 blade.



# R Blades

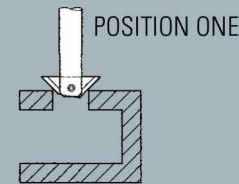


BLADES	order no.		angle (degrees)	range (mm)	package weight (g)	package quantity
R1	BR1001		90	3-5.5	4	1
R2	BR2001		90	5-10	5	1
R3	BR3001		90	10-22	6	1

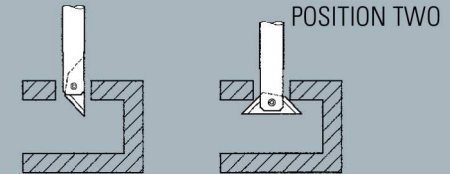
All blades supplied with replacement screw

All blades are made of H.S.S. Hardness 62-64Rc

## BLADE POSITION OPTIONS



Deburring on external surface.



Deburring on internal surface via an opening. Rotate blade 90° from position one, enter opening, rotate again the blade another 90°.

TO REPLACE THE BLADE. The aluminium part at top of each handle conceals a suitable allen key. Pull it from the handle and use the key to remove and replace blade.

# Countersink Sets



## Rotodrive Countersink Set RD2010

### INCLUDES:

- NogaGrip 1 handle - NG1000
- 1 pc. S10 blade - BS1010
- 1 pc. 3.2 countersink blade - BC3201
- 1 pc. 6.3 countersink blade - BC6301
- 1 pc. 8.3 countersink blade - BC8301
- 1 pc. 10.4 countersink blade - BC1041



## Quick Connect Countersink Set NG1810

### INCLUDES:

- NogaGrip 1 handle - NG1000
- 1 pc. cranked quick connect holder - CH3300
- 1 pc. RD25 int. countersink blade - BC2511
- 1 pc. EX28 ex. countersink blade - EX3001



### Reversible Countersink Set RC3300

INCLUDES:

- 1 pc. Reversible RC1000
- 1 pc. Reversible RC2000
- 1 pc. Reversible RC2200



### Countersink Power Tool Set CS7000

INCLUDES:

- 1 pc. connector for internal countersink - CH1950
- 1 pc. connector for external countersink - CH1970
- 1 pc. C12 int. countersink blade - BC1211
- 1 pc. C20 int. countersink blade - BC2011
- 1 pc. C30 int. countersink blade - BC3011
- 1 pc. EX28 ex. countersink blade - EX3001