	<ul style="list-style-type: none"> NG-1 Handle NG-3 Handle Fine Burr Handle S Holder N Holder K Holder + Blade N80K D Holder + Blade D50 D Holder + Blade D66 C Holder + Blade C20 18mm External Rotodrive 10.4mm Countersink Blades N1 and N2 Blades S10, S20, S30 and S150 Hex Key 1.5mm Double Burr with N80 Blades
---	---

Code	Description	Weight g	W mm	H mm	L mm
NG 9500	Platinum Box	1035	230	50	270


Instructions

Do not use heavy pressure when deburring as this will cause the blade to dig into the material and give an uneven finish
 Use light and even pressure which will allow the blade and handle to work together to remove the burr and leave a smooth finish on the component

- Blades should be handled carefully as they are sharp and can cut
- Blades can break causing flying objects
- Sharp edges and flying objects can cause injury
- Users and bystanders should wear protective safety glasses
- Do not pry or bend blades
- Keep blades and sharp tools away from children
- Do not regrind blades as this will weaken the blade and cause breakage and possible injury

All Noga products meet the strict requirements of ISO 9001 and ISO 14001


NG-1 Handle

	<ul style="list-style-type: none"> NG-1 Handle accepts all "S" type Blades Ergonomic soft grip, acetyl and rubber construction Removable end cap for blade storage 125mm long x 28mm maximum diameter Blades are secured by pulling back the front locking mechanism and are free to rotate
---	--

Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
NG1000	NG-1 Handle	45	32	32	153


NG-3 Handle

	NG-3 Handle accepts all Blade Holders Ergonomic soft grip, acetyl and rubber construction Removable end cap for blade storage 125mm long x 28mm maximum diameter
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Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
NG3000	NG-3 Handle	45	32	32	153


S Holder

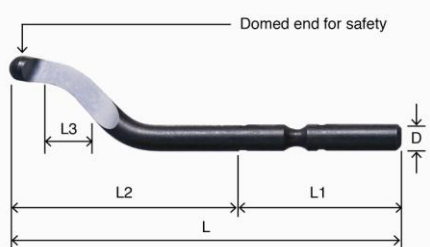
	Holds all "S" type Blades with 3.2mm shank Used in NG-3 Handle Telescopes from 30 to 115mm in Handle
--	--

Packed Weight and Dimensions


Code	Description	Weight g	W mm	H mm	L mm
EL 02003	S Holder	45	23	23	153

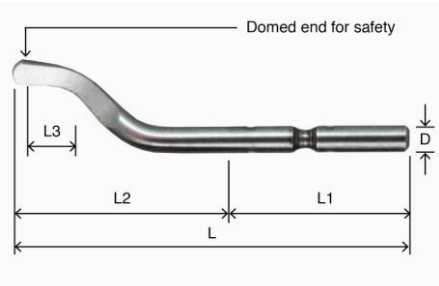
S10 Heavy Duty Deburring Blade

	Order Code	S10			
	Pack Reference	BS1010			
	Cutting	Right Hand			
	Works best on	Steel, Aluminium and Plastic			
	Used with Handle	NG-1, NG-3 + S Holder, Plastic Edge Off, Rapid Burr, Plastic Rapid Burr,			
Packed Weight and Dimensions					
Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm
S10	10	40	65	8	83


	<table border="1"> <tr> <td>Order Code</td> <td>S10</td> </tr> <tr> <td>Included Angle</td> <td>40°</td> </tr> <tr> <td>Blade Material</td> <td>HSS M2</td> </tr> <tr> <td>Blade Hardness</td> <td>62 – 64 HRC</td> </tr> <tr> <td>L: Overall Length</td> <td>48mm</td> </tr> <tr> <td>L1: Length Inside Handle</td> <td>28mm</td> </tr> <tr> <td>L2: Protrusion from Handle Length</td> <td>20mm</td> </tr> <tr> <td>L3: Cutting Length</td> <td>6mm</td> </tr> <tr> <td>D: Shank Diameter</td> <td>3.2mm</td> </tr> </table>	Order Code	S10	Included Angle	40°	Blade Material	HSS M2	Blade Hardness	62 – 64 HRC	L: Overall Length	48mm	L1: Length Inside Handle	28mm	L2: Protrusion from Handle Length	20mm	L3: Cutting Length	6mm	D: Shank Diameter	3.2mm
Order Code	S10																		
Included Angle	40°																		
Blade Material	HSS M2																		
Blade Hardness	62 – 64 HRC																		
L: Overall Length	48mm																		
L1: Length Inside Handle	28mm																		
L2: Protrusion from Handle Length	20mm																		
L3: Cutting Length	6mm																		
D: Shank Diameter	3.2mm																		

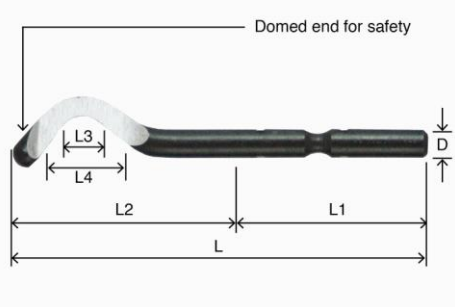
S20 Heavy Duty Deburring Blade

	Order Code	S20				
	Pack Reference	BS2010				
	Cutting	Left and Right Hand				
	Works best on	Brass and Cast Iron				
	Used with Handle	NG-1, NG-3 + S Holder, Plastic Edge Off, Rapid Burr, Plastic Rapid Burr,				
Packed Weight and Dimensions						
Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm	
S20	10	40	65	8	83	


	Order Code	S20
	Included Angle	60°
	Blade Material	HSS M2
	Blade Hardness	62 – 64 HRC
	L: Overall Length	48mm
	L1: Length Inside Handle	28mm
	L2: Protrusion from Handle Length	20mm
L3: Cutting Length	6mm	
D: Shank Diameter	3.2mm	


S30 Heavy Duty Deburring Blade

	Order Code	S30				
	Pack Reference	BS3010				
	Cutting	Right Hand				
	Works best on	Internal and External Burrs				
	Used with Handle	NG-1, NG-3 + S Holder, Plastic Edge Off, Rapid Burr, Plastic Rapid Burr,				
Packed Weight and Dimensions						
Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm	
S30	10	40	65	8	83	

	Order Code	S30
	Included Angle	40°
	Blade Material	HSS M2
	Blade Hardness	62 – 64 HRC
	L: Overall Length	48mm
	L1: Length Inside Handle	28mm
	L2: Protrusion from Handle Length	20mm
	L3: Min Cutting Width	2mm
	L4: Max Cutting Width	8mm
D: Shank Diameter	3.2mm	

S150 Heavy Duty Deburring Blade

	Order Code	S150			
	Pack Reference	BK3010			
	Cutting	Right Hand			
	Works best on	For holes 1.5mm and larger			
	Used with Handle	NG-1, NG-3 + S Holder, Plastic Edge Off, Rapid Burr, Plastic Rapid Burr,			
Packed Weight and Dimensions					
Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm
S150	10	40	65	8	83

	Order Code	S150
	Included Angle	45°
	Blade Material	HSS M2
	Blade Hardness	62 – 64 HRC
	L: Overall Length	44mm
	L1: Length Inside Handle	28mm
	L2: Protrusion from Handle Length	16mm
	L3: Cutting Length	6mm
	D: Shank Diameter	3.2mm

BC 1041 Internal Rotodrive Countersink

		<p>90° Rotodrive Countersink Range: 1-10.4mm diameter Blade shank diameter 3.2mm Blade material: HSS M2 Blade hardness: 62-64 HRC Used with NG-1 Handle or S Holder with NG-3 Handle</p>
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Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
BC 1041	Rotodrive Countersink 1-10.4mm	14	36	23	71


EX 2001 External Rotodrive Chamfering Head

		<p>90° External Rotodrive Chamfer Head Range: 4 – 18mm diameter Blade shank diameter 3.2mm Blade material: HSS M2 Blade hardness: 62-64 HRC Used with NG-1 Handle or S Holder with NG-3 Handle</p>
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Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
EX 2001	External Chamfering Head 4-18mm	15	36	22	70

Fine Burr Handle

	<p>Fine Burr Handle accepts all “N” type Blades Manufactured from Aluminium Blades are secured by pulling back the front locking mechanism and are free to rotate Complete with pocket clip Size 120mm long x 8mm hexagonal section</p>
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N Holder

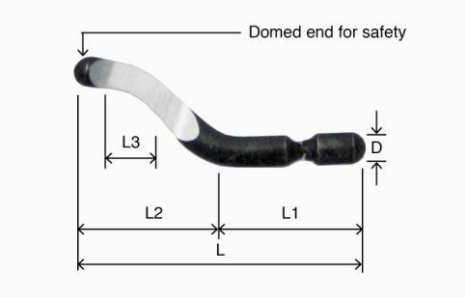
	<p>Holds all “N” type Blades with 2.6mm shank Used in NG-3 Handle Telescopes from 25 to 115mm in Handle</p>
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Packed Weight and Dimensions


Code	Description	Weight g	W mm	H mm	L mm
EL 01033	N Holder	45	23	23	153

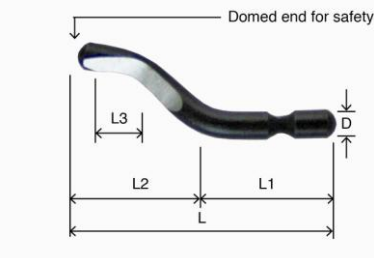
N1 Light Duty Deburring Blade

	<table border="1"> <tr> <td>Order Code</td> <td>N1</td> </tr> <tr> <td>Pack Reference</td> <td>BN1010</td> </tr> <tr> <td>Cutting</td> <td>Right Hand</td> </tr> <tr> <td>Works best on</td> <td>Steel, Aluminium and Plastic</td> </tr> <tr> <td>Used with Handle</td> <td>NG-1, NG-3 + N Holder, Fine Burr</td> </tr> </table> <p>Packed Weight and Dimensions</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Pack Quantity</th> <th>Weight g</th> <th>Wmm</th> <th>Hmm</th> <th>Lmm</th> </tr> </thead> <tbody> <tr> <td>N1</td> <td>10</td> <td>13</td> <td>32</td> <td>5</td> <td>63</td> </tr> </tbody> </table>	Order Code	N1	Pack Reference	BN1010	Cutting	Right Hand	Works best on	Steel, Aluminium and Plastic	Used with Handle	NG-1, NG-3 + N Holder, Fine Burr	Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm	N1	10	13	32	5	63
Order Code	N1																						
Pack Reference	BN1010																						
Cutting	Right Hand																						
Works best on	Steel, Aluminium and Plastic																						
Used with Handle	NG-1, NG-3 + N Holder, Fine Burr																						
Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm																		
N1	10	13	32	5	63																		


	<table border="1"> <tr> <td>Order Code</td> <td>N1</td> </tr> <tr> <td>Included Angle</td> <td>40°</td> </tr> <tr> <td>Blade Material</td> <td>HSS M2</td> </tr> <tr> <td>Blade Hardness</td> <td>62 – 64 HRC</td> </tr> <tr> <td>L: Overall Length</td> <td>23</td> </tr> <tr> <td>L1: Length Inside Handle</td> <td>10</td> </tr> <tr> <td>L2: Protrusion from Handle Length</td> <td>13</td> </tr> <tr> <td>L3: Cutting Length</td> <td>6</td> </tr> <tr> <td>D: Shank Diameter</td> <td>2.6</td> </tr> </table>	Order Code	N1	Included Angle	40°	Blade Material	HSS M2	Blade Hardness	62 – 64 HRC	L: Overall Length	23	L1: Length Inside Handle	10	L2: Protrusion from Handle Length	13	L3: Cutting Length	6	D: Shank Diameter	2.6
Order Code	N1																		
Included Angle	40°																		
Blade Material	HSS M2																		
Blade Hardness	62 – 64 HRC																		
L: Overall Length	23																		
L1: Length Inside Handle	10																		
L2: Protrusion from Handle Length	13																		
L3: Cutting Length	6																		
D: Shank Diameter	2.6																		

N2 Light Duty Deburring Blade

	Order Code	N2				
	Pack Reference	BN2010				
	Cutting	Left and Right Hand				
	Works best on	Brass and Cast Iron				
	Used with Handle	NG-1, NG-3 + N Holder, Fine Burr				
Packed Weight and Dimensions						
Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm	
N2	10	13	32	5	63	

	Order Code	N2				
	Included Angle	80°				
	Blade Material	HSS M2				
	Blade Hardness	62 – 64 HRC				
	L: Overall Length	23				
	L1: Length Inside Handle	10				
	L2: Protrusion from Handle Length	13				
	L3: Cutting Length	6				
	D: Shank Diameter	2.6				

C Holder

	<p>Holds all “C” type Countersink Heads Used in NG-3 Handle Telescopes from 30 to 115mm in Handle Hexagonal section provides positive location in Handle M7 male thread for mounting Countersink Head</p>
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Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
CH 3000	C Holder	45	23	23	153


C 20 Countersink Head

		<p>90° Countersink Head Range: 3-20mm diameter Blade material: HSS M2 Blade hardness: 62-64 HRC Attached to “C” Holder or HD Rotodrive Holder by M7 thread</p>
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Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
BC2011	C20 Countersink Head 3-20mm	28	61	25	130


D Holder

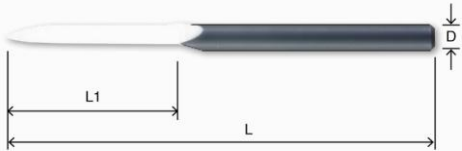
	Holds all "D" type Blades Used in NG-3 Handle Telescopes from 30 to 115mm in Handle Blade attached by push fit into end of Holder and clamped with hex grub screw
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Packed Weight and Dimensions


Code	Description	Weight g	W mm	H mm	L mm
EL 05003	D Holder	40	23	23	153


D50 Blade

	<table border="1"> <tr> <td>Order Code</td> <td>D50</td> </tr> <tr> <td>Pack Reference</td> <td>BD5010</td> </tr> <tr> <td>Cutting</td> <td>Right and Left Hand</td> </tr> <tr> <td>Works best on</td> <td>Steel, Aluminium and Plastic</td> </tr> <tr> <td>Used with Handle</td> <td>NG-3 plus D Holder, SC Handle and YT handle</td> </tr> </table> <p>Packed Weight and Dimensions</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Pack Quantity</th> <th>Weight g</th> <th>Wmm</th> <th>Hmm</th> <th>Lmm</th> </tr> </thead> <tbody> <tr> <td>D50</td> <td>10</td> <td>36</td> <td>65</td> <td>9</td> <td>82</td> </tr> </tbody> </table>	Order Code	D50	Pack Reference	BD5010	Cutting	Right and Left Hand	Works best on	Steel, Aluminium and Plastic	Used with Handle	NG-3 plus D Holder, SC Handle and YT handle	Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm	D50	10	36	65	9	82
Order Code	D50																						
Pack Reference	BD5010																						
Cutting	Right and Left Hand																						
Works best on	Steel, Aluminium and Plastic																						
Used with Handle	NG-3 plus D Holder, SC Handle and YT handle																						
Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm																		
D50	10	36	65	9	82																		


	<table border="1"> <tr> <td>Order Code</td> <td>D50</td> </tr> <tr> <td>Included Angle</td> <td>60°</td> </tr> <tr> <td>Blade Material</td> <td>HSS M2</td> </tr> <tr> <td>Blade Hardness</td> <td>62 – 64 HRC</td> </tr> <tr> <td>L: Overall Length</td> <td>50mm</td> </tr> <tr> <td>L: Cutting Length</td> <td>20mm</td> </tr> <tr> <td>D: Shank Diameter</td> <td>3.2mm</td> </tr> </table>	Order Code	D50	Included Angle	60°	Blade Material	HSS M2	Blade Hardness	62 – 64 HRC	L: Overall Length	50mm	L: Cutting Length	20mm	D: Shank Diameter	3.2mm
Order Code	D50														
Included Angle	60°														
Blade Material	HSS M2														
Blade Hardness	62 – 64 HRC														
L: Overall Length	50mm														
L: Cutting Length	20mm														
D: Shank Diameter	3.2mm														

D66 Blade

	<table border="1"> <tr> <td>Order Code</td> <td>D66</td> </tr> <tr> <td>Pack Reference</td> <td>BD6610</td> </tr> <tr> <td>Cutting</td> <td>Right and Left Hand</td> </tr> <tr> <td>Works best on</td> <td>Steel, Aluminium and Plastic</td> </tr> <tr> <td>Used with Handle</td> <td>Held in D Holder by grub screw</td> </tr> </table> <p>Packed Weight and Dimensions</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Pack Quantity</th> <th>Weight g</th> <th>Wmm</th> <th>Hmm</th> <th>Lmm</th> </tr> </thead> <tbody> <tr> <td>D66</td> <td>10</td> <td>45</td> <td>65</td> <td>9</td> <td>82</td> </tr> </tbody> </table>	Order Code	D66	Pack Reference	BD6610	Cutting	Right and Left Hand	Works best on	Steel, Aluminium and Plastic	Used with Handle	Held in D Holder by grub screw	Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm	D66	10	45	65	9	82
Order Code	D66																						
Pack Reference	BD6610																						
Cutting	Right and Left Hand																						
Works best on	Steel, Aluminium and Plastic																						
Used with Handle	Held in D Holder by grub screw																						
Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm																		
D66	10	45	65	9	82																		

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Order Code	D66														
Included Angle															
Blade Material	HSS M2														
Blade Hardness	62 – 64 HRC														
L: Overall Length	50mm														
L: Cutting Length	4.5														
D: Shank Diameter	3.2mm														

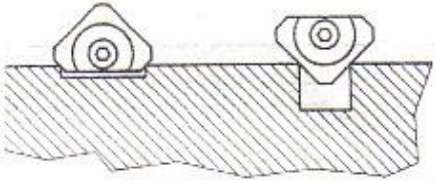

K Holder

	Holds all "K" type Blades Used in NG-3 Handle Telescopes from 30 to 115mm in Handle Blade attached to Holder by cap screw
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Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
EL 04003	K Holder	45	23	23	153


N80K Blade

		Replacement Blade for the Keyway Burr Tool (NG 3300) Deburrs both sides of internal and external keyways Keyway width: 2.4 to 11mm Blade material: HSS M2 Blade hardness: 62-64 HRC Fits to K Holder (ELO4003)
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Packed Weight and Dimensions

Code	Description	Pack Quantity	Weight g	W mm	H mm	L mm
BN8110	Keyway Deburring Blade	10	13	62	8	130

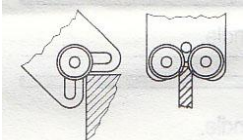

Double Burr

	Dual blade setup simultaneously removes burrs from both sides of sheet metal. Single blade setup removes burr from corner edges Double Burr Handle incorporates safety guard to protect operators hand Unique round cutting blades can be rotated and reversed to provide long blade life Can be set to deburr sheet widths from 0-12mm Supplied with 2 x N80 Blades
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Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
DB 1000	Double Burr	199	62	53	200

N80 Blades

		Replacement Blade for the Double Burr Tool (DB 1000) Unique round cutting blades can be rotated and reversed to provide long blade life Can be set to deburr sheet widths from 0-12mm Blade material: HSS M2 Blade hardness: 62-64 HRC Fits direct to Double Burr
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Single Blade for Corner Deburring
 2 Blades for Double Edge Deburring

Packed Weight and Dimensions

Code	Description	Pack Quantity	Weight g	W mm	H mm	L mm
BN8010	Double Burr Blade HSS M2	10	34	62	8	130