	<p>Set Contents:</p> <ul style="list-style-type: none"> NG-3 Handle Plastic Edge Off Handle S Holder N Holder C Holder + Blade C20 D Holder + Blade D50 K Holder + Blade N80K Blades N1 and N2 Blades S10, S20, S30 and S150 Blade D66 Blade 10.4 Countersink Hex. Key 1.5mm <p style="text-align: right;">Adjustable Scraper</p>
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Code	Description	Weight g	W mm	H mm	L mm
NG 9400	Gold Box	770	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-3 Handle

	<p>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</p>
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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

	<p>Holds all "S" type Blades with 3.2mm shank Used in NG-3 Handle Telescopes from 30 to 115mm in Handle</p>
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Packed Weight and Dimensions

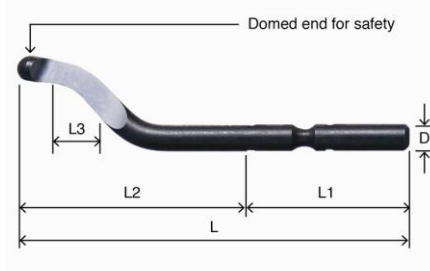
Code	Description	Weight g	W mm	H mm	L mm
EL 02003	S Holder	45	23	23	153

Plastic Edge Off Handle


	<p>Plastic Edge Off Handle will accept all “S” type Heavy Duty Blades. Complete with moulded pocket clip Blades are secured by turning the front locking mechanism and are free to rotate Manufactured from tough ABS plastic Size 120mm long x 10mm hexagonal section</p>
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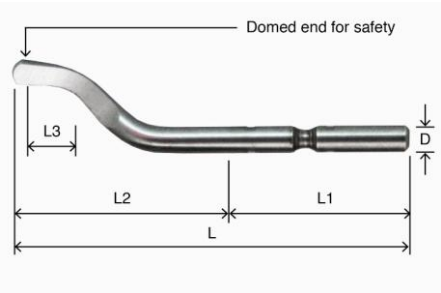
S10 Heavy Duty Deburring Blade

	<table border="1"> <tr> <td>Order Code</td> <td>S10</td> </tr> <tr> <td>Pack Reference</td> <td>BS1010</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 + S Holder, Plastic Edge Off, Rapid Burr, Plastic Rapid 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>S10</td> <td>10</td> <td>40</td> <td>65</td> <td>8</td> <td>83</td> </tr> </tbody> </table>	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,	Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm	S10	10	40	65	8	83
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,																						
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																		

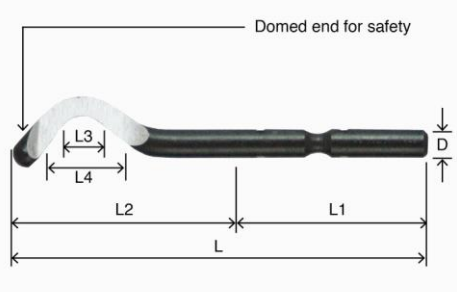
S20 Heavy Duty Deburring Blade

	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	

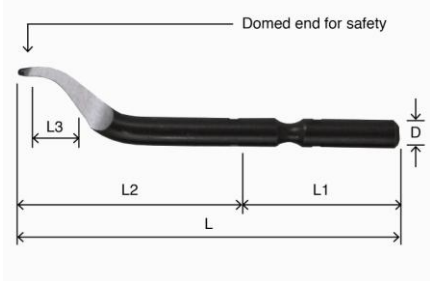
S30 Heavy Duty Deburring Blade

	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

		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

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


N Holder

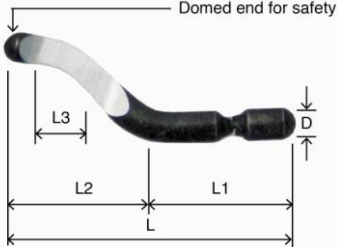
	Holds all "N" type Blades with 2.6mm shank Used in NG-3 Handle Telescopes from 25 to 115mm in Handle
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Packed Weight and Dimensions


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

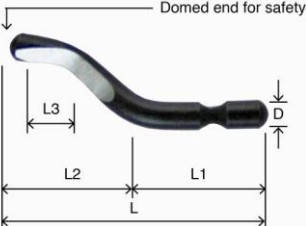
N1 Light Duty Deburring Blade

	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				
Packed Weight and Dimensions						
	Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm
	N1	10	13	32	5	63


	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

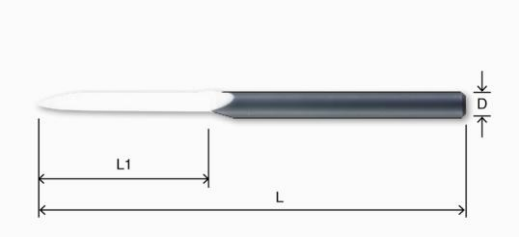
	<p>Holds all “D” type Blades Used in NG-3 Handle Telescopes from 30 to 115mm in Handle Blade attached by push fit into end of Holder and clamped with hex grub screw</p>
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Packed Weight and Dimensions


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


D50 Blade

	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				
Packed Weight and Dimensions						
Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm	
D50	10	36	65	9	82	


	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

	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				
Packed Weight and Dimensions						
Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm	
D66	10	45	65	9	82	

	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					

Adjustable Scraper

	<p>Ideal for scraping, trimming and deburring all materials</p> <p>The Adjustable Scraper consists of: An Adjustable Scraper Handle SC1300 and a T80 Double Ended Scraper Blade A knurled locking collar clamps the blade in the desired length position</p>
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Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
SC 8000	Adjustable Scraper	40	24	24	152


SC Handle


	<p>Handle Material: Aluminium, black anodised Handle Size: 120mm long x 12mm hexagonal section The Adjustable Scraper Handle also accepts all "D" type Scraper Blades.</p>
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Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
SC1300	SC Handle	40	23	23	155

T80 Blade


	<table border="1"> <tr> <td>Order Code</td> <td>T80</td> </tr> <tr> <td>Pack Reference</td> <td>BT8001</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>SC 1300 Adjustable Handle and the YT 1000 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>T80</td> <td>1</td> <td>10</td> <td>24</td> <td>24</td> <td>152</td> </tr> </tbody> </table>	Order Code	T80	Pack Reference	BT8001	Cutting	Right and Left Hand	Works best on	Steel, Aluminium and Plastic	Used with Handle	SC 1300 Adjustable Handle and the YT 1000 Handle	Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm	T80	1	10	24	24	152
Order Code	T80																						
Pack Reference	BT8001																						
Cutting	Right and Left Hand																						
Works best on	Steel, Aluminium and Plastic																						
Used with Handle	SC 1300 Adjustable Handle and the YT 1000 Handle																						
Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm																		
T80	1	10	24	24	152																		

	<table border="1"> <tr> <td>Order Code</td> <td>T80</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>81mm</td> </tr> <tr> <td>L: Cutting Length</td> <td>18.5mm</td> </tr> <tr> <td>D: Shank Diameter</td> <td>4mm triangular</td> </tr> </table>	Order Code	T80	Included Angle	60°	Blade Material	HSS M2	Blade Hardness	62 – 64 HRC	L: Overall Length	81mm	L: Cutting Length	18.5mm	D: Shank Diameter	4mm triangular
Order Code	T80														
Included Angle	60°														
Blade Material	HSS M2														
Blade Hardness	62 – 64 HRC														
L: Overall Length	81mm														
L: Cutting Length	18.5mm														
D: Shank Diameter	4mm triangular														

Product: Noga Gold Box: NG 9400

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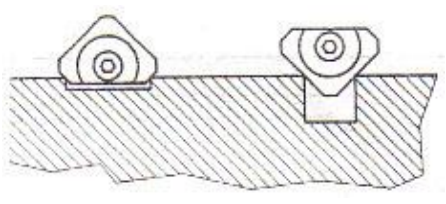

K Holder

	<p>Holds all "K" type Blades Used in NG-3 Handle Telescopes from 30 to 115mm in Handle Blade attached to Holder by cap screw</p>
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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

		<p>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)</p>
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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