	<p>Set Contents:</p> <ul style="list-style-type: none"> NG-3 Handle S Holder Blades S10, S20, S30 and S150 N Holder Blades N1 and N2 D Holder + Blade D50 C Holder + Blade C20 Hex Key 1.5mm
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Code	Description	Weight g	W mm	H mm	L mm
NG 9200	Bronze Unikit	395	120	40	215


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

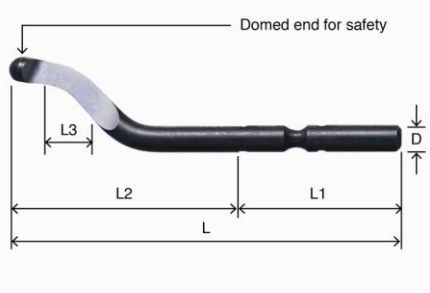
	<p>Holds all "S" type Blades with 3.2mm shank Used in NG-3 Handle Telescopes from 30 to 115mm in Handle</p>
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Packed Weight and Dimensions


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

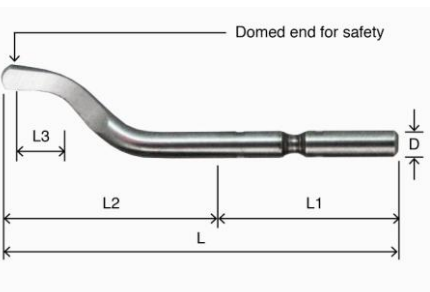
S10 Heavy Duty Deburring Blade

	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	


	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	

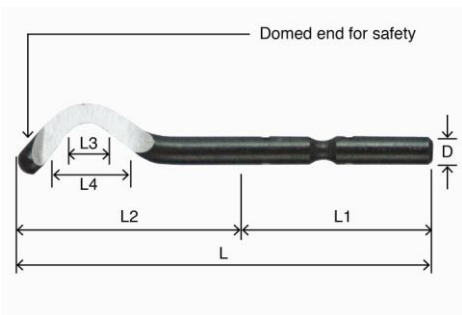
S20 Heavy Duty Deburring Blade

	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			


N Holder

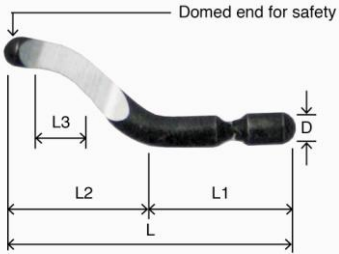
	Holds all "N" type Blades with 2.6mm shank Used in NG-3 Handle Telescopes from 25 to 115mm in Handle
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Packed Weight and Dimensions


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

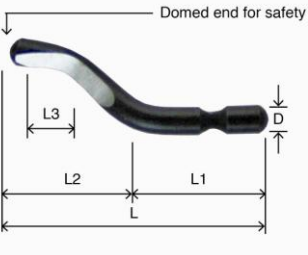
N1 Light Duty Deburring Blade

	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				


D Holder

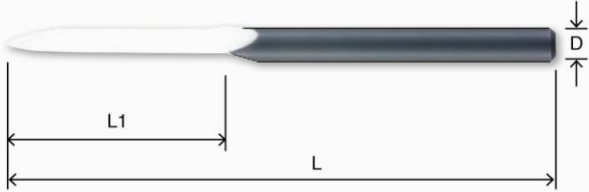
	Holds all "D" type Blades Used in NG-3 Handle Telescopes from 30 to 115mm in Handle Blade attached by push fit into end of Holder and clamped with hex grub screw
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Packed Weight and Dimensions


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														

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 Rotodrill 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