



This set contains 10 different Deburring Blades which will cover a wide range of Deburring applications. The set provides a quick method of testing which blade will be suitable, prior to ordering a full pack of 10 pieces or for just selecting the correct blade for small deburring operations.

Set Contains: 1 each of the following Blades

- S10: For Steel, Aluminium and Plastics
- S10S: For Stainless Steel and Plastics
- S20: For Brass and Cast Iron
- S30: For Internal and External Burrs
- S35: For straight edges on most materials
- S60: For cross holes in difficult places
- S70: For straight edges
- S101: For fine edges on all materials
- S150: For small Holes 1.5mm and larger
- S202: For Brass and Cast Iron Fine Edges

The set is supplied in a fitted plastic case complete with a Blade identification chart

### Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
BS 9999	Noga Blade Set	45	65	8	83

### Instructions for successful deburring

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

### Safety Information

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

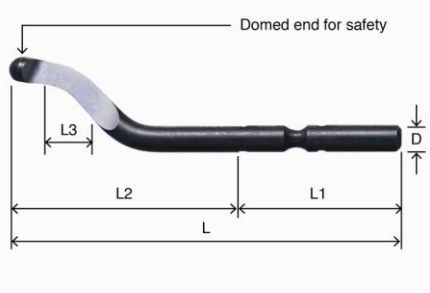
Do not regrind blades as this will weaken the blade and cause breakage and possible injury

### General Information


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

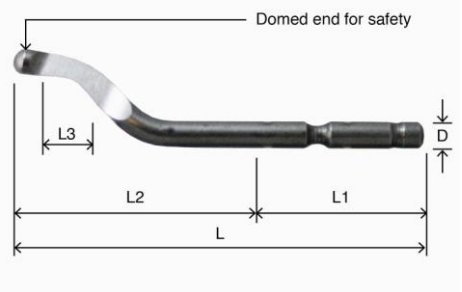
**S10 Heavy Duty Deburring Blade**

	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		

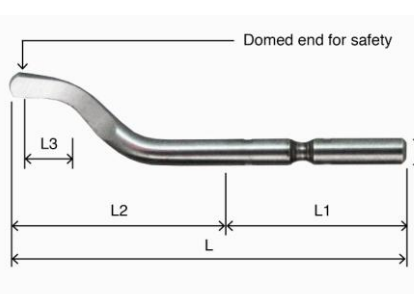
**S10S Heavy Duty Deburring Blade**

	Order Code	S10S / S100				
	Pack Reference	BS1018				
	Cutting	Right Hand				
	Works best on	Stainless Steel and Plastics				
	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	
S10S / S100	10	40	65	8	83	


	Order Code	S10S / S100	
	Included Angle	45°	
	Blade Material	HSS Co	
	Blade Hardness	65 – 67 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		

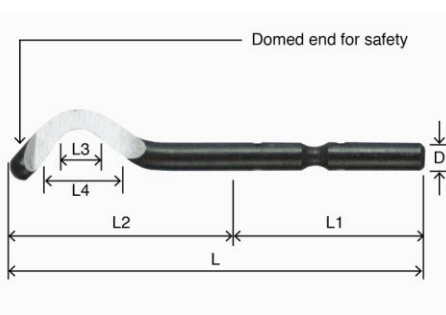
**S20 Heavy Duty Deburring Blade**

	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					

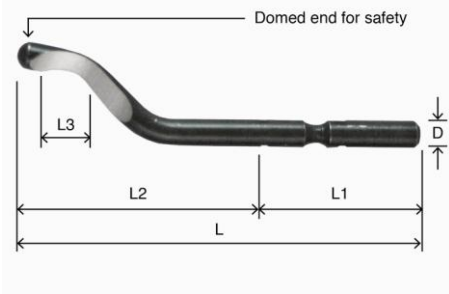
**S30 Heavy Duty Deburring Blade**

	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					

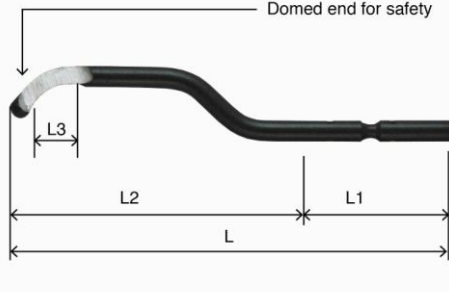
**S35 Heavy Duty Deburring Blade**

	Order Code	S35			
	Pack Reference	BS3510			
	Cutting	Left and Right Hand			
	Works best on	Straight Edges on most materials			
	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
S35	10	40	65	8	83


	Order Code	S35
	Included Angle	55°
	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	7mm
D: Shank Diameter	3.2mm	

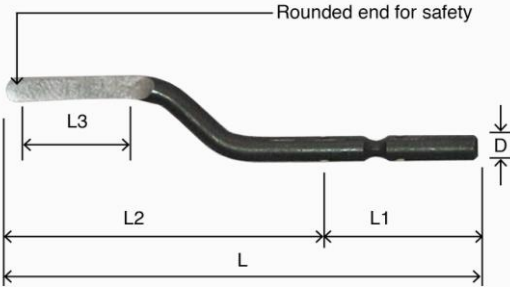
**S60 Heavy Duty Deburring Blade**

	Order Code	S60			
	Pack Reference	BS6010			
	Cutting	Right Hand			
	Works best on	Cross Holes in difficult to reach places			
	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
S60	10	55	65	8	83


	Order Code	S60
	Included Angle	40°
	Blade Material	HSS M2
	Blade Hardness	62 – 64 HRC
	L: Overall Length	66mm
	L1: Length Inside Handle	28mm
	L2: Protrusion from Handle Length	38mm
	L3: Cutting Length	6mm
D: Shank Diameter	3.2mm	

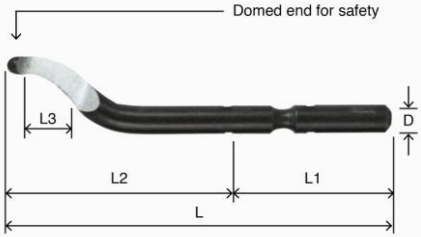
**S70 Heavy Duty Deburring Blade**

	Order Code	S70			
	Pack Reference	BS7001			
	Cutting	Right Hand			
	Works best on	Straight Edges			
	Used with Handle	NG-1, NG-3 + S Holder, Plastic Edge Off, Rapid Burr, Plastic Rapid Burr,			
<b>Packed Weight and Dimensions</b>					
Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm
S70	1	8	65	8	83

	Order Code	S70
	Included Angle	45°
	Blade Material	HSS M2
	Blade Hardness	62 – 64 HRC
	L: Overall Length	58mm
	L1: Length Inside Handle	28mm
	L2: Protrusion from Handle Length	30mm
	L3: Cutting Length	15mm
	D: Shank Diameter	3.2mm


**S101 Heavy Duty Deburring Blade**


	Order Code	S101			
	Pack Reference	BK1010			
	Cutting	Right Hand			
	Works best on	Fine Edges on all materials			
	Used with Handle	NG-1, NG-3 + S Holder, Plastic Edge Off, Rapid Burr, Plastic Rapid Burr,			
<b>Packed Weight and Dimensions</b>					
Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm
S101 LH	10	40	65	8	83

	Order Code	S101
	Included Angle	40°
	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	7mm
	D: Shank Diameter	3.2mm


Noga Blade Set


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	

S202 Heavy Duty Deburring Blade

	Order Code	S202				
	Pack Reference	BK2010				
	Cutting	Left and Right Hand				
	Works best on	Brass and Cast Iron Fine Edges				
	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	
S202	10	40	65	8	83	

	Order Code	S202
	Included Angle	55°
	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	7mm	
D: Shank Diameter	3.2mm	