Data Sheet: LDS 1405

S Type Heavy Duty Deburring Blades

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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



S10
BS1010
Right Hand
Steel, Aluminium and Plastic
NG-1, NG-3 + S Holder, Plastic Edge Off,
Rapid Burr, Plastic Rapid Burr,
Dimensions

Pa	Packed weight and Dimensions					
	Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm
	S10	10	40	65	8	83

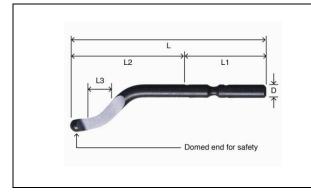
Domed end for safety	Order Code	S10
	Included Angle	40°
	Blade Material	HSS M2
	Blade Hardness	62 – 64 HRC
	L: Overall Length	48mm
L2 L1	L1: Length Inside Handle	28mm
L T	L2: Protrusion from Handle Length	20mm
	L3: Cutting Length	6mm
	D: Shank Diameter	3.2mm

Date: 01-04-2013

S10 L/H Heavy Duty Deburring Blade



Order Code	S10 L/H				
Pack Referen	nce BS1011	e BS1011			
Cutting	Left Hand	d			
Works best of	on Steel, Alu	uminium and P	lastic		
Used with	NG-1, NG	NG-1, NG-3 + S Holder, Plastic Edge Off,			
Handle Rapid Burr, Plastic Rapid Burr,					
Packed Weight and Dimensions					
Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm
S10 L/H	10	40	65	8	83



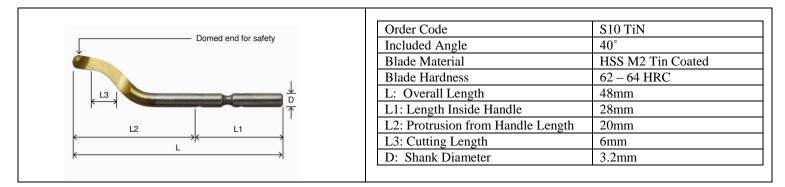
Order Code	S10 L/H
Included Angle	40°
Blade Material	HSS M2
Blade Hardness	62 – 64 HRC
L: Overall Length	48mm
L1: Length Inside Handle	28mm
L2: Protrusion from Handle Length	20mm
L3: Cutting Length	6mm
D: Shank Diameter	3.2mm

S10 TiN Heavy Duty Deburring Blade



Order Code	S10 TiN
Pack Reference	BS1012
Cutting	Right Hand
Works best on	Abrasive Materials
Used with	NG-1, NG-3 + S Holder, Plastic Edge Off,
Handle	Rapid Burr, Plastic Rapid Burr,
Packed Weight and	Dimensions

Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm
S10 TiN	10	40	65	8	83



Date: 01-04-2013

S Type Heavy Duty Deburring Blades

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83

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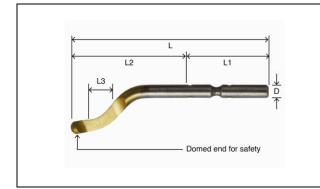
S10 L/H TiN Heavy Duty Deburring Blade



Order Code	S10 L/H TiN				
Pack Reference	Pack Reference BS1013				
Cutting	Left Hand	Left Hand			
Works best on Abrasive Materials					
Used with NG-1, NG-3 + S Holder, Plastic Edge Off,					
Handle Rapid Burr, Plastic Rapid Burr,					
Packed Weight and Dimensions					
Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm

40

Code Pack Quantity S10 L/H TiN 10



Order Code	S10 L/H TiN
ncluded Angle	40°
Blade Material	HSS M2 TiN Coated
Blade Hardness	62 – 64 HRC
L: Overall Length	48mm
1: Length Inside Handle	28mm
2: Protrusion from Handle Length	20mm
L3: Cutting Length	6mm
D: Shank Diameter	3.2mm

65

S10 Carbide Heavy Duty Deburring Blade



Order Code S10 Carbide					
Pack Referen	nce BS101	BS1016			
Cutting	Cutting Right Hand				
Works best of	on Harder	ed Steel and Pla	stics		
Used with NG-1, NG-3 + S Holder, Plastic			r, Plastic Ec	lge Off,	
Handle	Handle Rapid Burr, Plastic Rapid Burr,				
Packed Weight and Dimensions					
Code	Pack Quantit	Weight g	Wmm	Hmm	Lmm
S10	10	40	65	8	83

Domed end for safety	Order Code Included Angle Blade Material Blade Hardness L: Overall Length L1: Length Inside Handle L2: Protrusion from Handle Length L3: Cutting Length	S10 Carbide40°Carbide1250HV44mm28mm16mm5mm
	D: Shank Diameter	3.2mm

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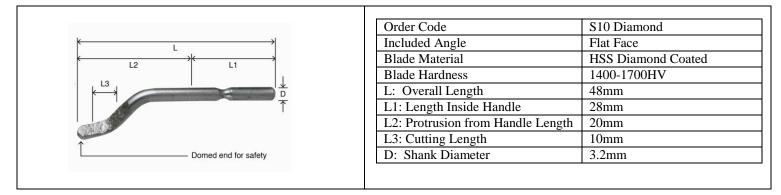
Date: 01-04-2013

S10 Diamond Heavy Duty Deburring Blade



Order Code	S10 Diamond		
Pack Reference	BS1014		
Cutting	Right Hand		
Works best on	Glass and Ceramics		
Used with	NG-1, NG-3 + S Holder, Plastic Edge Off,		
Handle	Rapid Burr, Plastic Rapid Burr,		
Packed Weight and	Dimensions		

Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm
S10	10	35	62	4.5	130



S20 Heavy Duty Deburring Blade



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

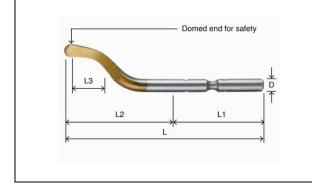
Domed end for safety	Order CodeIncluded AngleBlade MaterialBlade HardnessL: Overall LengthL1: Length Inside HandleL2: Protrusion from Handle LengthL3: Cutting Length	S20 60° HSS M2 62 - 64 HRC 48mm 28mm 20mm 6mm
k	L3: Cutting Length D: Shank Diameter	

Date: 01-04-2013

S20 TiN Heavy Duty Deburring Blade

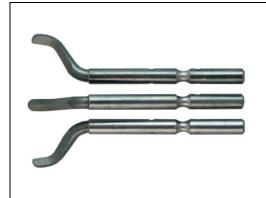


	COO TIN					
Order Code	520 Tin	S20 TiN				
Pack Referen	nce BS2012	BS2012				
Cutting	Left and	Left and Right Hand				
Works best o	on Stainless	Stainless Steel				
Used with	NG-1, NO	NG-1, NG-3 + S Holder, Plastic Edge Off,				
Handle	Rapid Bu	Rapid Burr, Plastic Rapid Burr,				
Packed Weigh	t and Dimension	S				
Code	Pack Quantity	Quantity Weight g Wmm Hmm Lmm				
S20 TiN	10	40	65	8	83	



Order Code	S20 TiN
Included Angle	60°
Blade Material	HSS M2 TiN Coated
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 Carbide Heavy Duty Deburring Blade



Order Code	S20 Carbide				
Pack Reference	BS2015				
Cutting	Left and Right I	Hand			
Works best on	Hardened Steel	and Plastics			
Used with	NG-1, NG-3 + 5	5 Holder, Plast	tic Edge Of	f,	
Handle	Rapid Burr, Pla	stic Rapid Bur	r,		
Packed Weight a Code	nd Dimensions Pack Quantity	Weight g	Wmm	Hmm	Lmm
LOGE			** 111111	1111111	

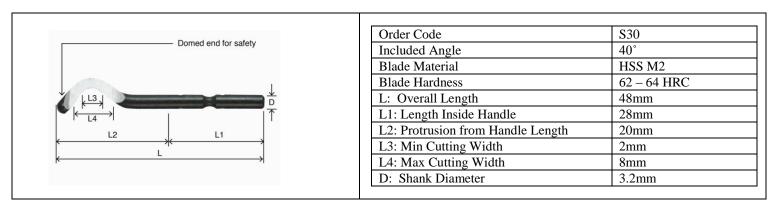
Included Angle60°Blade MaterialCarbideBlade Hardness1250HVL:Overall Length44mmL1:Length Inside Handle28mmL2:Protrusion from Handle Length16mmL3:Cutting Length5mmD:Shank Diameter3.2mm		Blade HardnessL: Overall LengthL1: Length Inside HandleL2: Protrusion from Handle LengthL3: Cutting Length	1250HV 44mm 28mm 16mm 5mm
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Date: 01-04-2013

S30 Heavy Duty Deburring Blade



Order Code	S 30	S30				
Pack Referen	nce BS3010	BS3010				
Cutting	Right Ha	Right Hand				
Works best of	on Internal a	Internal and External Burrs				
Used with	NG-1, NG	NG-1, NG-3 + S Holder, Plastic Edge Off,				
Handle	Rapid Bu	rr, Plastic Rap	id Burr,			
D 1 1 1 1 1 1						
Packed Weigh	nt and Dimension	S				
Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm	
S30	10	40	65	8	83	



S30 TiN Heavy Duty Deburring Blade



Order Code		S30 TiN					
Pack Refere	nce	BS3003					
Cutting		Right Han	Right Hand				
Works best	on	Internal an	Internal and External Burrs				
Used with H	landle	NG-1, NG-3 + S Holder, Plastic Edge Off,					
		Rapid Bur	r, Plastic Rapi	d Burr,	-		
Packed Weig	ht and]	Dimensions					
Code	Pack	. Quantity	Weight g	Wmm	Hmm	Lmm	
S30 TiN		10	40	65	8	83	

Domed end for safety	Order Code	S30 TiN
Domed and for safety	Included Angle	40°
	Blade Material	HSS M2 TiN Coated
¥	Blade Hardness	62 – 64 HRC
	L: Overall Length	48mm
	L1: Length Inside Handle	28mm
L2 L1	L2: Protrusion from Handle Length	20mm
<u>د </u>	L3: Min Cutting Width	2mm
	L4: Max Cutting Width	8mm
	D: Shank Diameter	3.2mm

83

Date: 01-04-2013

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S35 Heavy Duty Deburring Blade



		~~~				
Order Code		S35	35			
Pack Refere	nce	BS3510	3\$3510			
Cutting		Left and I	Left and Right Hand			
Works best	on	Straight Edges on most materials				
Used with		NG-1, NG-3 + S Holder, Plastic Edge Off,				
Handle		Rapid Bu	rr, Plastic Rapi	id Burr,	-	
Packed Weigl	ht and l	Dimensions	5			
Code	Pack	Quantity	Weight g	Wmm	Hmm	Lmm

40

Domed end for safety

S35

10

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

65

#### S60 Heavy Duty Deburring Blade



Order Code	S60					
Pack Reference	ce BS6010	BS6010				
Cutting	Right Har	nd				
Works best or	n Cross Hol	Cross Holes in difficult to reach places				
Used with Ha	ndle NG-1, NC	NG-1, NG-3 + S Holder, Plastic Edge Off,				
	Rapid Bu	Rapid Burr, Plastic Rapid Burr,				
Ű	and Dimensions					
Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm	
S60	10	55	65	8	83	

Domed end for safety		
	Order Code	S60
	Included Angle	40°
	Blade Material	HSS M2
	Blade Hardness	62 – 64 HRC
	L: Overall Length	66mm
L2 L1	L1: Length Inside Handle	28mm
L	L2: Protrusion from Handle Length	38mm
N 7	L3: Cutting Length	бmm
	D: Shank Diameter	3.2mm

Date: 01-04-2013

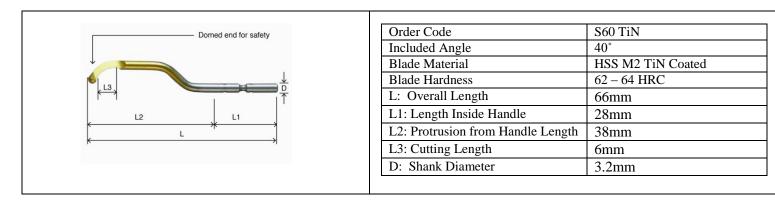
#### S60 Tin Heavy Duty Deburring Blade



Order Code	S60 TiN
Pack Reference	BS6003
Cutting	Right Hand
Works best on	Cross Holes in difficult to reach places
Used with	NG-1, NG-3 + S Holder, Plastic Edge Off,
Handle	Rapid Burr, Plastic Rapid Burr,

#### Packed Weight and Dimensions

Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm
S60 TiN	10	55	65	8	83



#### S70 Heavy Duty Deburring Blade: See last page of Data Sheet

#### S100 Tin Heavy Duty Deburring Blade

Order Code	S100 TiN	[			
Pack Referen	nce BS1019				
Cutting	Right Ha	nd			
Works best of	on Plastic an	d Hard Materi	als		
Used with	NG-1, NO	G-3 + S Holder	, Plastic Ec	lge Off,	
Handle	Rapid Bu	rr, Plastic Rap	id Burr,		
Packed Weigl	nt and Dimension	s			
Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm
S100 TiN	10	40	65	8	83
					-

Domed end for safety	Order Code Included Angle Blade Material Blade Hardness L: Overall Length L1: Length Inside Handle L2: Protrusion from Handle Length L3: Cutting Length D: Shank Diameter	S100 TiN   45°   HSS M2 TiN Coated   62 - 64 HRC   48mm   28mm   20mm   6mm   3.2mm

Date: 01-04-2013

## S10S Heavy Duty Deburring Blade



Order Code	S10S / S100				
Pack Referenc	e BS1018				
Cutting	<b>Right Hand</b>				
Works best on	Stainless Steel a	and Plastics			
Used with	NG-1, NG-3 + 3	NG-1, NG-3 + S Holder, Plastic Edge Off,			
Handle	Rapid Burr, Pla	Rapid Burr, Plastic Rapid Burr,			
Packed Weight	and Dimensions				
Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm
S10S / S100	10	40	65	8	83

	Domed end for safety	Order Code Included Angle Blade Material Blade Hardness L: Overall Length L1: Length Inside Handle L2: Protrusion from Handle Length L3: Cutting Length D: Shank Diameter	\$\$ \$\$10\$ / \$\$100   45°   HSS Co   65 - 67 HRC   48mm   28mm   20mm   6mm   3.2mm
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#### S101 Heavy Duty Deburring Blade



Order Code	S101				
Pack Referen	nce BK1010				
Cutting	Right Ha	nd			
Works best of	on Fine Edge	es on all mater	ials		
Used with	NG-1, NG	NG-1, NG-3 + S Holder, Plastic Edge Off,			
Handle	Rapid Bu	Rapid Burr, Plastic Rapid Burr,			
Packed Weigh	nt and Dimension				
Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm
S101 LH	10	40	65	8	83

	Included Angle Blade Material Blade Hardness L: Overall Length L1: Length Inside Handle L2: Protrusion from Handle Length L3: Cutting Length D: Shank Diameter	40° HSS M2 62 – 64 HRC 44mm 28mm 16mm 7mm 3.2mm
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83

Date: 01-04-2013

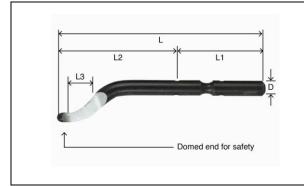
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#### S101 L/H Heavy Duty Deburring Blade



Order Code		S101 LH					
Pack Referen	nce	BK1011					
Cutting		Left Hand	Left Hand				
Works best of	on	Fine Edges on all materials					
Used with		NG-1, NG-3 + S Holder, Plastic Edge Off,					
Handle		Rapid Burr, Plastic Rapid Burr,					
Packed Weigh	nt and ]	Dimensions	5				
Code	Pack	Quantity	Weight g	Wmm	Hmm	Lmm	

40



Order Code	S101 LH
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

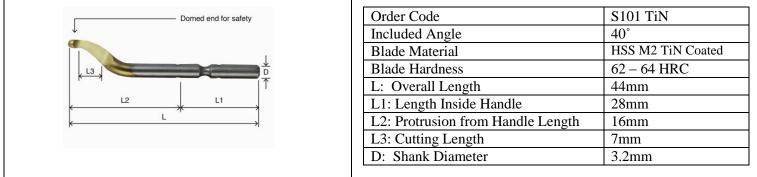
65

#### S101 TiN Heavy Duty Deburring Blade

	Order Code	S101 Ti	N			
8	Pack Refere					
	Cutting	Right H	and			
	Works best	on Steel, A	luminium and F	lastics		
	Used with	NG-1, N	G-3 + S Holde	r, Plastic Ec	lge Off,	
	Handle	Rapid B	urr, Plastic Rap	id Burr,	-	
	Packed Weig	ht and Dimensio	ns			
	Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm
	S202	10	40	65	8	83
		1				

S101 LH

10



## Date: 01-04-2013

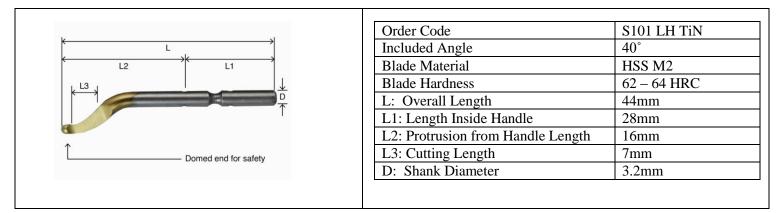
## S Type Heavy Duty Deburring Blades

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#### S101 L/H TiN Heavy Duty Deburring Blade



Order Code	S101 LH TiN	S101 LH TiN					
Pack Reference	BK1013	BK1013					
Cutting	Left Hand	Left Hand					
Works best on	Steel, Alumini	Steel, Aluminium and Plastic					
Used with	NG-1, NG-3 +	NG-1, NG-3 + S Holder, Plastic Edge Off,					
Handle	Rapid Burr, Pl	Rapid Burr, Plastic Rapid Burr,					
Packed Weight and Dimensions							
Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm		
S101 LH TiN	10	40	65	8	83		



#### S150 Heavy Duty Deburring Blade



BK3010
Right Hand
For holes 1.5mm and larger
NG-1, NG-3 + S Holder, Plastic Edge Off,
Rapid Burr, Plastic Rapid Burr,
F

#### Packed Weight and Dimensions

S150 10 40 65 8 83	Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm
	S150	10	40	65	8	83

Domed end for safety	Order CodeIncluded AngleBlade MaterialBlade HardnessL: Overall LengthL1: Length Inside HandleL2: Protrusion from Handle LengthL3: Cutting LengthD: Shank Diameter	\$\$S150   45°   HSS M2   62 - 64 HRC   44mm   28mm   16mm   6mm   3.2mm
		•

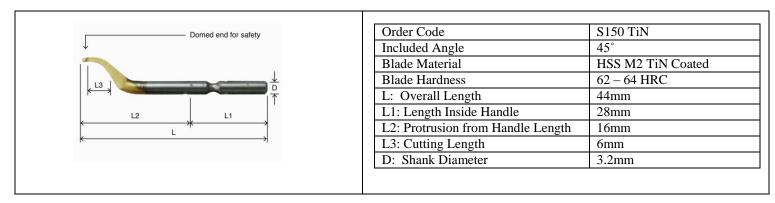
Date: 01-04-2013

## S150 TiN Heavy Duty Deburring Blade



Order Code	S150 TiN	
Pack Reference	BK3010	
Cutting	Right Hand	
Works best on	For holes 1.5mm and larger	
Used with	NG-1, NG-3 + S Holder, Plastic Edge Off,	
Handle	Rapid Burr, Plastic Rapid Burr,	
Packed Weight and		

Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm		
S150 TiN	10	40	65	8	83		



#### 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	NG-1, NG-3 + S Holder, Plastic Edge Off,
Handle	Rapid Burr, Plastic Rapid Burr,
Packed Weight and	Dimensions

Code Pa	ack Quantity	Weight g	Wmm	Hmm	Lmm
S202	10	40	65	8	83

Domed end for safety	Order Code	S202
$\downarrow$	Included Angle	55°
	Blade Material	HSS M2
	Blade Hardness	62 – 64 HRC
L2 L1	L: Overall Length	44mm
	L1: Length Inside Handle	28mm
<u>←</u> →	L2: Protrusion from Handle Length	16mm
	L3: Cutting Length	7mm
	D: Shank Diameter	3.2mm

Date: 01-04-2013

#### S70 Heavy Duty Deburring Blade



Order Code	S70
Pack Reference	BS7001
Cutting	Right Hand
Works best on	Straight Edges
Used with	NG-1, NG-3 + S Holder, Plastic Edge Off,
Handle	Rapid Burr, Plastic Rapid Burr,
Packed Weight and	Dimensions

Packed	l Weigl	nt an	dL	Din	nensions	S
2		1		~		**

Code	Pack Quantity	Weight g	Wmm	Hmm	Lmm
<b>S7</b> 0	1	8	65	8	83

