



TOOLS CLAMPING

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IER Collet DIN6499(ISO115488)

IISK Collet

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IVNew Baby Collet(Clamping diameter: \varnothing 0.25 - \varnothing 25.4)

How to use PRECOLLET code -----ER collet



ER collet

ER08

Dimension

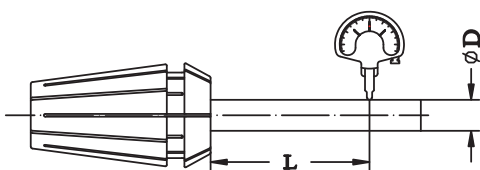
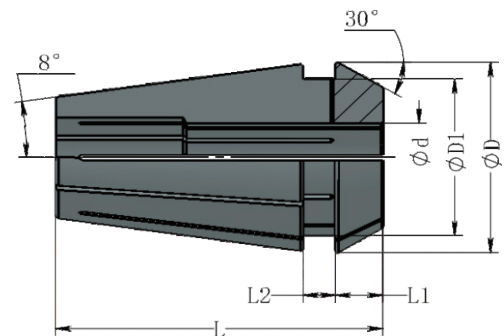
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Dimension

AA

Clamping Diameter

MODEL	DIMENSION				
	D	D1	L	L1	L2
ER08	8.5	6.5	13.5	1.5	1.2
ER11	11.5	9.5	18	2.5	2
ER16	17	12.8	27.5	4	2.7
ER20	21	17.4	31.5	4.8	2.8
ER25	26	22	34	5	3.1
ER32	33	29.2	40	5.5	3.6
ER40	41	36.2	46	7	4.1



● Please specify the accuracy grade (AA or UP) when placing the order.

Inspection conditions		Runout accuracy	
D	L	AA	UP
1.0-1.4	6	0.008	0.005
1.5-2.9	10	0.008	0.005
3.0-5.9	16	0.008	0.005
6.0-9.9	25	0.008	0.005
10.0-17.9	40	0.008	0.005
18.0-26.9	50	0.008	0.005

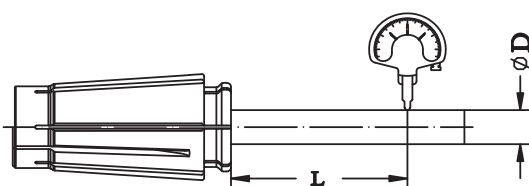
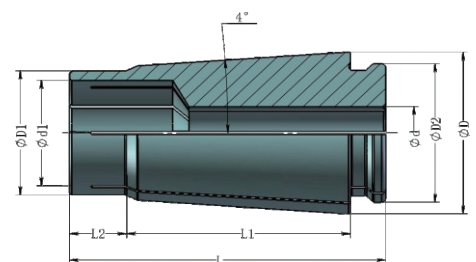
Part No.	AA			
	Clamping Range	Available Sizes	Step Size	Permissible Clamping Capacity
ER08	0.5-5.0	1.0-5.0	0.5	0.5
ER11	0.5-7.0	1.0-7.0	0.5	0.5
ER16	0.5-4.0	1.0-4.0	0.5	0.5
	4.0-10	5.0-10.0	1.0	1.0
ER20	0.5-4.0	1.0-4.0	0.5	0.5
	4.0-13	5.0-13.0	1.0	1.0
ER25	0.5-6.0	1.0-6.0	0.5	0.5
	6.0-16	7.0-16.0	1.0	1.0
ER32	1.6-7.0	2.0-7.0	0.5	0.5
	7.0-20	8.0-20.0	1.0	1.0
ER40	2.6-8.0	3.0-8.0	0.5	0.5
	8.0-26	9.0-26.0	1.0	1.0

Part No.	UP			
	Clamping Range	Available Sizes	Step Size	Permissible Clamping Capacity
ER08	2.6-5.0	3.0-5.0	1.0	0.4
ER11	2.6-7.0	3.0-7.0	1.0	0.4
ER16	3.6-10.0	4.0-10.0	1.0	0.4
ER20	3.6-13.0	4.0-13.0	1.0	0.4
ER25	5.6-16.0	6.0-16.0	1.0	0.4
ER32	5.6-20.0	6.0-20.0	1.0	0.4
ER40				

How to use PRECOLLET code -----SK collet



Inspection conditions		Runout accuracy
D	L	UP
1.0-1.4	6	0.005
1.5-2.9	10	0.005
3.0-5.9	16	0.005
6.0-9.9	25	0.005
10.0-17.9	40	0.005
18.0-26.9	50	0.005



Inspection conditions		Runout accuracy
D	L	UP
1.0-1.4	6	0.005
1.5-2.9	10	0.005
3.0-5.9	16	0.005
6.0-9.9	25	0.005
10.0-17.9	40	0.005
18.0-26.9	50	0.005

Part No.	UP		
	Standard Clamping Diameter	Clamping Range	Permissible Clamping Capacity
SK6-3.0	3.00	2.75-3.00	0.25
SK6-3.175	3.175	2.925-3.175	0.25
SK6-4.0	4.00	3.50-4.00	0.5
SK6-5.0	5.00	4.50-5.00	0.5
SK6-6.0	6.00	5.50-6.00	0.5

Part No.	UP		
	Standard Clamping Diameter	Clamping Range	Permissible Clamping Capacity
SK10-3.0	3.00	2.75-3.00	0.25
SK10-3.175	3.175	2.925-3.175	0.25
SK10-4.0	4.00	3.50-4.00	0.5
SK10-5.0	5.00	4.50-5.00	0.5
SK10-6.0	6.00	5.50-6.00	0.5
SK10-8.0	8.00	7.50-8.00	0.5
SK10-10.0	10.00	9.50-10.00	0.5

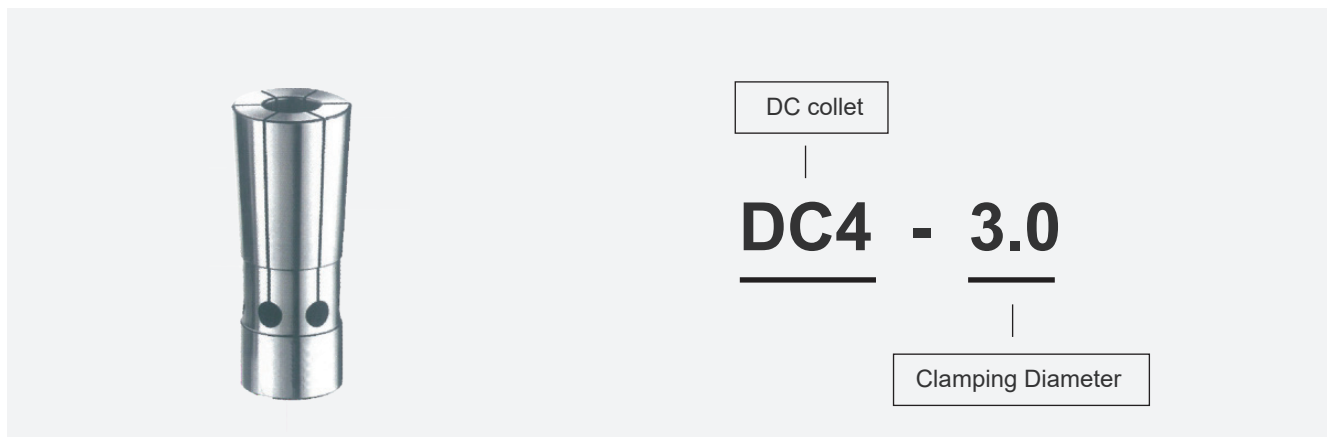
Part No.	UP		
	Standard Clamping Diameter	Clamping Range	Permissible Clamping Capacity
SK13-3.0	3.00	2.75-3.00	0.25
SK13-3.175	3.175	2.925-3.175	0.25
SK13-4.0	4.00	3.50-4.00	0.5
SK13-5.0	5.00	4.50-5.00	0.5
SK13-6.0	6.00	5.50-6.00	0.5
SK13-8.0	8.00	7.50-8.00	0.5
SK13-10.0	10.00	9.50-10.00	0.5
SK13-12.0	12.00	11.50-12.00	0.5

Part No.	UP		
	Standard Clamping Diameter	Clamping Range	Permissible Clamping Capacity
SK16-4.0	4.00	3.50-4.00	0.5
SK16-5.0	5.00	4.50-5.00	0.5
SK16-6.0	6.00	5.50-6.00	0.5
SK16-8.0	8.00	7.50-8.00	0.5
SK16-10.0	10.00	9.50-10.00	0.5
SK16-12.0	12.00	11.50-12.00	0.5
SK16-14.0	14.00	13.50-14.00	0.5
SK16-16.0	16.00	15.50-16.00	0.5

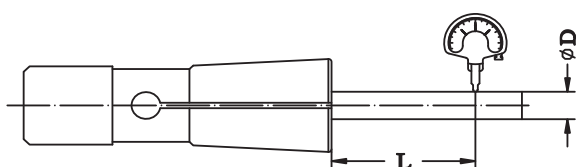
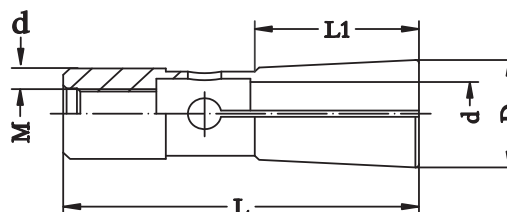
Part No.	UP		
	Standard Clamping Diameter	Clamping Range	Permissible Clamping Capacity
SK20-6.0	6.00	5.50-6.00	0.5
SK20-8.0	8.00	7.50-8.00	0.5
SK20-10.0	10.00	9.50-10.00	0.5
SK20-12.0	12.00	11.50-12.00	0.5
SK20-14.0	14.00	13.50-14.00	0.5
SK20-16.0	16.00	15.50-16.00	0.5
SK20-18.0	18.00	17.50-18.00	0.5
SK20-20.0	20.00	19.50-20.00	0.5

Part No.	UP		
	Standard Clamping Diameter	Clamping Range	Permissible Clamping Capacity
SK25-6.0	6.00	5.50-6.00	0.5
SK25-8.0	8.00	7.50-8.00	0.5
SK25-10.0	10.00	9.50-10.00	0.5
SK25-12.0	12.00	11.50-12.00	0.5
SK25-14.0	14.00	13.50-14.00	0.5
SK25-16.0	16.00	15.50-16.00	0.5
SK25-20.0	20.00	19.50-20.00	0.5
SK25-25.0	25.00	24.50-25.00	0.5

How to use PRECOLLET code -----DC collet



MODEL	DIMENSION			
	L	D	d	M
DC4	31	7	5.6	M4
DC6	36	9.6	8.0	M5
DC8	45	15	12.8	M6
DC10	52	19	16	M8
DC12	60	22	19	M10



Inspection conditions		Runout accuracy
D	L	UP
1.0-1.4	6	0.005
1.5-2.9	10	0.005
3.0-5.9	16	0.005
6.0-9.9	25	0.005
10.0-12.0	40	0.005

DC COLLET



Part No.	UP
	Standard Clamping Diameter
DC4-2	2.00
DC4-3	3.000
DC4-3.175	3.18
DC4-4	4.00

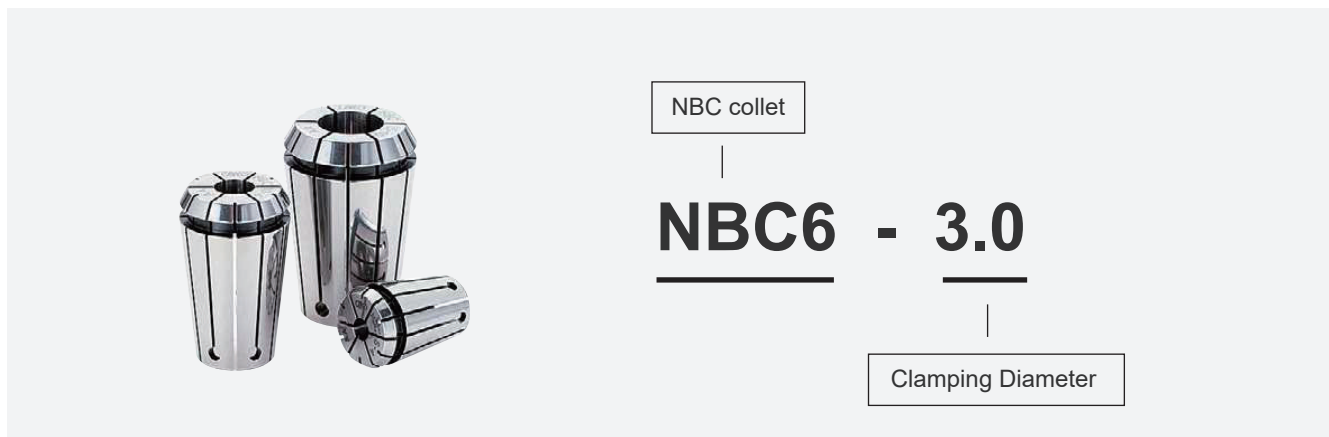
Part No.	UP
	Standard Clamping Diameter
DC6-3	3.00
DC6-3.175	3.175
DC6-4	4.00
DC6-5	5.00
DC6-6	6.00

Part No.	UP
	Standard Clamping Diameter
DC8-3.0	3.00
DC8-4.0	4.000
DC8-6.0	6.00
DC8-8.0	8.00

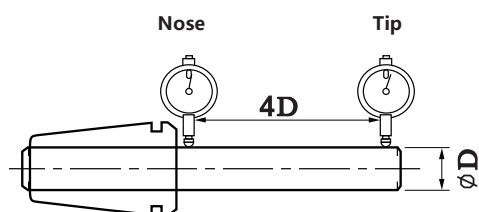
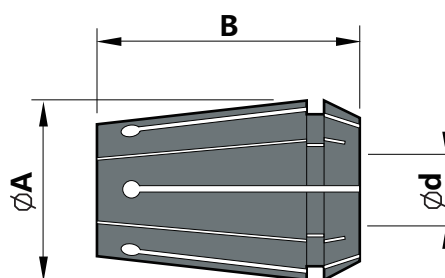
Part No.	UP
	Standard Clamping Diameter
DC10-3.0	3.00
DC10-4.0	4.00
DC10-6.0	6.00
DC10-8.0	8.00
DC10-10.0	10.00

Part No.	UP
	Standard Clamping Diameter
DC12-4.0	4.00
DC12-6.0	6.00
DC12-8.0	8.00
DC12-10.0	10.00
DC12-12.0	12.00

How to use PRECOLLET code -----NBC collet



MODEL	DIMENSION	
	$\varnothing A$	B
NBC6	9.5	14
NBC8	12.5	18
NBC10	16.5	27
NBC13	20.5	31
NBC16	25.5	35
NBC20	28.5	38
NBC25	35.5	52



Runout accuracy	
Nose	4D
Within 2 μ m	Within 4 μ m

NEW BABY COLLET (Clamping diameter: \varnothing 0.25 - \varnothing 25.4)

Part No.	AA	
	Clamping Range	Permissible Clamping Capacity
NBC6-0.5	0.25-0.50	0.25
NBC6-0.75	0.50-0.75	0.25
NBC6-1.0	0.75-1.00	0.25
NBC6-1.25	1.00-1.25	0.25
NBC6-1.5	1.25-1.50	0.25
NBC6-1.75	1.50-1.75	0.25
NBC6-2.0	1.75-2.00	0.25
NBC6-2.25	2.00-2.25	0.25
NBC6-2.5	2.25-2.50	0.25
NBC6-2.75	2.50-2.75	0.25
NBC6-3.0	2.75-3.00	0.25
NBC6-3.175	2.925-3.175	0.25
NBC6-3.25	3.00-3.25	0.25
NBC6-3.5	3.25-3.50	0.25
NBC6-3.75	3.50-3.75	0.25
NBC6-4.0	3.75-4.00	0.25
NBC6-4.25	4.00-4.25	0.25
NBC6-4.5	4.25-4.50	0.25
NBC6-4.75	4.50-4.75	0.25
NBC6-5.0	4.75-5.00	0.25
NBC6-5.25	5.00-5.25	0.25
NBC6-5.5	5.25-5.50	0.25
NBC6-5.75	5.50-5.75	0.25
NBC6-6.0	5.75-6.00	0.25

Part No.	AA	
	Clamping Range	Permissible Clamping Capacity
NBC8-0.75	0.50-0.75	0.25
NBC8-1.0	0.75-1.00	0.25
NBC8-1.25	1.00-1.25	0.25
NBC8-1.5	1.25-1.50	0.25
NBC8-1.75	1.50-1.75	0.25
NBC8-2.0	1.75-2.00	0.25
NBC8-2.25	2.00-2.25	0.25
NBC8-2.5	2.25-2.50	0.25
NBC8-2.75	2.50-2.75	0.25
NBC8-3.0	2.75-3.00	0.25
NBC8-3.175	2.675-3.175	0.5
NBC8-3.5	3.00-3.50	0.5
NBC8-4.0	3.5-4.00	0.5
NBC8-4.5	4.00-4.50	0.5
NBC8-5.0	4.50-5.00	0.5
NBC8-5.25	4.75-5.25	0.5
NBC8-5.5	5.00-5.50	0.5
NBC8-5.75	5.25-5.75	0.5
NBC8-6.0	5.50-6.00	0.5
NBC8-7.0	6.50-7.00	0.5
NBC8-7.5	7.00-7.50	0.5
NBC8-8.0	7.50-8.00	0.5

NEW BABY COLLET (Clamping diameter: $\varnothing 0.25$ - $\varnothing 25.4$)

Part No.	AA	
	Clamping Range	Permissible Clamping Capacity
NBC10-1.75	1.50-1.75	0.25
NBC10-2.0	1.75-2.00	0.25
NBC10-2.25	2.00-2.25	0.25
NBC10-2.5	2.25-2.50	0.25
NBC10-2.75	2.50-2.75	0.25
NBC10-3.0	2.75-3.00	0.25
NBC10-3.175	2.675-3.175	0.5
NBC10-3.25	2.75-3.25	0.5
NBC10-3.5	3.00-3.50	0.5
NBC10-3.75	3.25-3.75	0.5
NBC10-4.0	3.5-4.00	0.5
NBC10-4.25	3.75-4.25	0.5
NBC10-4.5	4.00-4.50	0.5
NBC10-4.75	4.25-4.75	0.5
NBC10-5.0	4.50-5.00	0.5
NBC10-5.25	4.75-5.25	0.5
NBC10-5.5	5.00-5.50	0.5
NBC10-5.75	5.25-5.75	0.5
NBC10-6.0	5.50-6.00	0.5
NBC10-6.5	6.00-6.50	0.5
NBC10-7.0	6.50-7.00	0.5
NBC10-7.5	7.00-7.50	0.5
NBC10-8.0	7.50-8.00	0.5
NBC10-8.5	8.00-8.50	0.5
NBC10-9.0	8.50-9.00	0.5
NBC10-9.5	9.00-9.50	0.5
NBC10-10.0	9.50-10.00	0.5

Part No.	AA	
	Clamping Range	Permissible Clamping Capacity
NBC13-3.0	2.5-3.00	0.5
NBC13-3.175	2.675-3.175	0.5
NBC13-3.25	2.75-3.25	0.5
NBC13-3.5	3.00-3.50	0.5
NBC13-3.75	3.25-3.75	0.5
NBC13-4.0	3.5-4.00	0.5
NBC13-4.25	3.75-4.25	0.5
NBC13-4.5	4.00-4.50	0.5
NBC13-4.75	4.25-4.75	0.5
NBC13-5.0	4.50-5.00	0.5
NBC13-5.25	4.75-5.25	0.5
NBC13-5.5	5.00-5.50	0.5
NBC13-5.75	5.25-5.75	0.5
NBC13-6.0	5.50-6.00	0.5
NBC13-6.5	6.00-6.50	0.5
NBC13-7.0	6.50-7.00	0.5
NBC13-7.5	7.00-7.50	0.5
NBC13-8.0	7.50-8.00	0.5
NBC13-8.5	8.00-8.50	0.5
NBC13-9.0	8.50-9.00	0.5
NBC13-9.5	9.00-9.50	0.5
NBC13-10.0	9.50-10.00	0.5
NBC13-10.5	10.00-10.50	0.5
NBC13-11.0	10.50-11.00	0.5
NBC13-11.5	11.00-11.50	0.5
NBC13-12.0	11.50-12.00	0.5
NBC13-12.5	12.00-12.50	0.5
NBC13-13.0	12.50-13.00	0.5

NEW BABY COLLET (Clamping diameter: $\varnothing 0.25$ - $\varnothing 25.4$)



Part No.	AA	
	Clamping Range	Permissible Clamping Capacity
NBC16-3.0	2.5-3.00	0.5
NBC16-3.25	2.75-3.25	0.5
NBC16-3.5	3.00-3.50	0.5
NBC16-3.75	3.25-3.75	0.5
NBC16-4.0	3.5-4.00	0.5
NBC16-4.25	3.75-4.25	0.5
NBC16-4.5	4.00-4.50	0.5
NBC16-4.75	4.25-4.75	0.5
NBC16-5.0	4.50-5.00	0.5
NBC16-5.25	4.75-5.25	0.5
NBC16-5.5	5.00-5.50	0.5
NBC16-5.75	5.25-5.75	0.5
NBC16-6.0	5.50-6.00	0.5
NBC16-6.5	6.00-6.50	0.5
NBC16-7.0	6.50-7.00	0.5
NBC16-7.5	7.00-7.50	0.5
NBC16-8.0	7.50-8.00	0.5
NBC16-8.5	8.00-8.50	0.5
NBC16-9.0	8.50-9.00	0.5
NBC16-9.5	9.00-9.50	0.5
NBC16-10.0	9.50-10.00	0.5
NBC16-10.5	10.00-10.50	0.5
NBC16-11.0	10.50-11.00	0.5
NBC16-11.5	11.00-11.50	0.5
NBC16-12.0	11.50-12.00	0.5
NBC16-12.5	12.00-12.50	0.5
NBC16-13.0	12.50-13.00	0.5
NBC16-13.5	13.00-13.50	0.5
NBC16-14.0	13.50-14.00	0.5
NBC16-14.5	14.00-14.50	0.5
NBC16-15.0	14.50-15.00	0.5
NBC16-15.5	15.00-15.50	0.5
NBC16-16.0	15.50-16.00	0.5

Part No.	AA	
	Clamping Range	Permissible Clamping Capacity
NBC20-3.0	2.5-3.00	0.5
NBC20-3.25	2.75-3.25	0.5
NBC20-3.5	3.00-3.50	0.5
NBC20-3.75	3.25-3.75	0.5
NBC20-4.0	3.5-4.00	0.5
NBC20-4.25	3.75-4.25	0.5
NBC20-4.5	4.00-4.50	0.5
NBC20-4.75	4.25-4.75	0.5
NBC20-5.0	4.50-5.00	0.5
NBC20-5.25	4.75-5.25	0.5
NBC20-5.5	5.00-5.50	0.5
NBC20-5.75	5.25-5.75	0.5
NBC20-6.0	5.50-6.00	0.5
NBC20-6.5	6.00-6.50	0.5
NBC20-7.0	6.50-7.00	0.5
NBC20-7.5	7.00-7.50	0.5
NBC20-8.0	7.50-8.00	0.5
NBC20-8.5	8.00-8.50	0.5
NBC20-9.0	8.50-9.00	0.5
NBC20-9.5	9.00-9.50	0.5
NBC20-10.0	9.50-10.00	0.5
NBC20-10.5	10.00-10.50	0.5
NBC20-11.0	10.50-11.00	0.5
NBC20-11.5	11.00-11.50	0.5
NBC20-12.0	11.50-12.00	0.5
NBC20-12.5	12.00-12.50	0.5
NBC20-13.0	12.50-13.00	0.5
NBC20-13.5	13.00-13.50	0.5
NBC20-14.0	13.50-14.00	0.5
NBC20-14.5	14.00-14.50	0.5
NBC20-15.0	14.50-15.00	0.5
NBC20-15.5	15.00-15.50	0.5
NBC20-16.0	15.50-16.00	0.5
NBC20-16.5	16.00-16.50	0.5
NBC20-17.0	16.50-17.00	0.5
NBC20-17.5	17.00-17.50	0.5
NBC20-18.0	17.50-18.00	0.5
NBC20-18.5	18.00-18.50	0.5
NBC20-19.0	18.50-19.00	0.5
NBC20-19.5	19.00-19.50	0.5
NBC20-20.0	19.50-20.00	0.5

NEW BABY COLLET (Clamping diameter: \varnothing 0.25 - \varnothing 25.4)

Part No.	AA	
	Clamping Range	Permissible Clamping Capacity
NBC25-16.0	15.50-16.00	0.5
NBC25-16.5	16.00-16.50	0.5
NBC25-17.0	16.50-17.00	0.5
NBC25-17.5	17.00-17.50	0.5
NBC25-18.0	17.50-18.00	0.5
NBC25-18.5	18.00-18.50	0.5
NBC25-19.0	18.50-19.00	0.5
NBC25-19.5	19.00-19.50	0.5
NBC25-20.0	19.50-20.00	0.5
NBC25-20.5	20.00-20.50	0.5
NBC25-21.0	20.50-21.00	0.5
NBC25-21.5	21.00-21.50	0.5
NBC25-22.0	21.50-22.00	0.5
NBC25-22.5	22.00-22.50	0.5
NBC25-23.0	22.50-23.00	0.5
NBC25-23.5	23.00-23.50	0.5
NBC25-24.0	23.50-24.00	0.5
NBC25-24.5	24.00-24.50	0.5
NBC25-25.0	24.50-25.00	0.5
NBC25-25.4	24.90-25.40	0.5

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