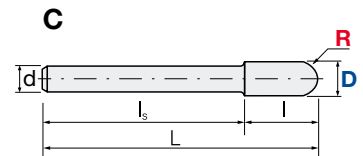
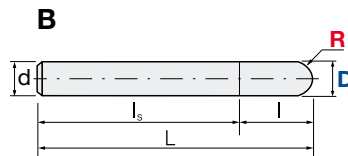
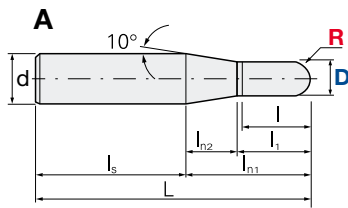
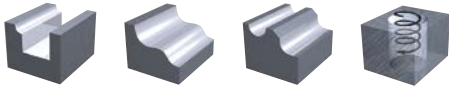


**CEPB-2 | Epoch Ball**

<b>V max</b> High Speed	<b>▽</b> Roughing	<b>▽▽</b> Semi-Finishing	<b>▽▽▽</b> Finishing	<b>HRC</b> 55	<b>No. of Teeth</b> 2
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<b>Carbide</b> Micro Grain	<b>C</b> Century Coating	<b>Rake Angle</b> Negative
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Helix Angle	R Tol. [mm]	d Tol.
<b>30°</b>	<b>+/-0.010</b>	<b>h6</b>

ID Code	Item Code	Z	R	D	l	l <sub>1</sub>	l <sub>n1</sub>	l <sub>n2</sub>	l <sub>s</sub>	L	d	Type
EP 064	<b>CEPB-2010</b>	2	<b>0.5</b>	<b>1</b>	1.5	2.5	11	8.5	39	50	4	A
EP 065	<b>CEPB-2015</b>		<b>0.75</b>	<b>1.5</b>	2.5	3.5	10.6	7.1	39.4			
EP 066	<b>CEPB-2020</b>		<b>1</b>	<b>2</b>	3	4	15.3	11.3	34.7			
EP 067	<b>CEPB-2025</b>		<b>1.25</b>	<b>2.5</b>	4	5	14.9	9.9	35.1			
EP 068	<b>CEPB-2030</b>		<b>1.5</b>	<b>3</b>	4.5	5.5	14	8.5	56	70	6	A
EP 069	<b>CEPB-2040</b>		<b>2</b>	<b>4</b>	6	7	12.7	5.7	57.3			
EP 070	<b>CEPB-2050</b>		<b>2.5</b>	<b>5</b>	7.5	8.5	11.3	2.8	68.7	80	8	B
EP 071	<b>CEPB-2060</b>		<b>3</b>	<b>6</b>	9				81			
EP 072	<b>CEPB-2070</b>		<b>3.5</b>	<b>7</b>	11				79	90	10	C
EP 073	<b>CEPB-2080</b>		<b>4</b>	<b>8</b>	12				88			
EP 074	<b>CEPB-2100</b>		<b>5</b>	<b>10</b>	15	-	-	-	85	100	12	B
EP 075	<b>CEPB-2120</b>		<b>6</b>	<b>12</b>	18				92			
EP 076	<b>CEPB-2160</b>		<b>8</b>	<b>16</b>	24				116	140	16	B
EP 077	<b>CEPB-2200</b>		<b>10</b>	<b>20</b>	30				130			

Cutting Conditions | Schnittwerte | Condizioni di taglio | Condiciones de Corte | Conditions de coupe | Valores de corte:

**CEPB-2 | Epoch Ball**

Roughing: Page 8

Finishing: Page 9



**CEPR** | Epoch Regular

**V max**  
High Speed

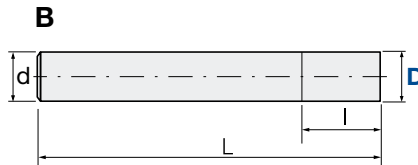
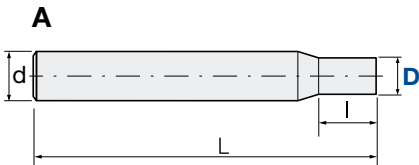
**▽**  
Semi-Finishing

**▽▽**  
Finishing

**HRC**  
55

**No. of Teeth**  
4

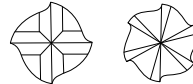
**No. of Teeth**  
6



**Carbide**  
Micro Grain

**C**  
Century Coating

**Rake Angle**  
Negative



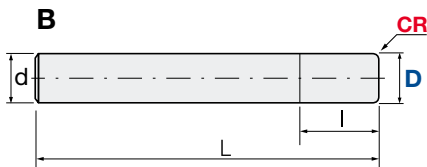
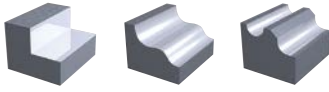
Helix Angle	D Tol. [mm]	d Tol.
<b>46°</b>	<b>D3~D6: 0/-0.015</b> <b>D8~D20: 0/-0.02</b>	<b>h6</b>

ID Code	Item Code	Z	D	I	L	d	Type	
EP099	<b>CEPR-4030</b>	4	<b>3</b>	10	60	6	A	
EP101	<b>CEPR-4040</b>		<b>4</b>	12				
EP103	<b>CEPR-4050</b>		<b>5</b>	15				
EP105	<b>CEPR-6060</b>	6	<b>6</b>	20	75	8	B	
EP110	<b>CEPR-6080</b>		<b>8</b>					25
EP115	<b>CEPR-6100</b>		<b>10</b>					30
EP120	<b>CEPR-6120</b>		<b>12</b>	35	100	12	A	
EP123	<b>CEPR-6140</b>		<b>14</b>	40	105	16		
EP124	<b>CEPR-6150</b>		<b>15</b>					
EP125	<b>CEPR-6160</b>		<b>16</b>	45	110	20	B	
EP128	<b>CEPR-6180</b>		<b>18</b>				A	
EP130	<b>CEPR-6200</b>		<b>20</b>		125		B	



**CEPR-00** | Epoch Regular Corner Radius

<b>V max</b> High Speed	<b>▽▽</b> Semi-Finishing	<b>▽▽▽</b> Finishing	<b>HRC</b> 65	<b>No. of Teeth</b> 6
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<b>Carbide</b> Micro Grain	<b>C</b> Century Coating	<b>Rake Angle</b> Negative
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Helix Angle	D Tol. [mm]	d Tol.
<b>46°</b>	<b>D 6: 0/-0.015</b> <b>D 8~D 20: 0/-0.02</b>	<b>h6</b>

ID Code	Item Code	Z	CR	D	l	L	d	Type
EP010	<b>CEPR-6060-03</b>	6	<b>0.3</b>	6	15	60	6	B
EP011	<b>CEPR-6060-05</b>		<b>0.5</b>					
EP106	<b>CEPR-6060-10</b>		<b>1</b>					
EP012	<b>CEPR-6080-03</b>		<b>0.3</b>	8	20	75	8	
EP013	<b>CEPR-6080-05</b>		<b>0.5</b>					
EP111	<b>CEPR-6080-10</b>		<b>1</b>					
EP014	<b>CEPR-6100-05</b>		<b>0.5</b>	10	25	80	10	
EP015	<b>CEPR-6100-10</b>		<b>1</b>					
EP116	<b>CEPR-6100-15</b>		<b>1.5</b>					
EP016	<b>CEPR-6100-20</b>		<b>2</b>	12	30	100	12	
EP017	<b>CEPR-6120-05</b>		<b>0.5</b>					
EP018	<b>CEPR-6120-10</b>		<b>1</b>					
EP121	<b>CEPR-6120-15</b>		<b>1.5</b>	16	40	110	16	
EP019	<b>CEPR-6120-20</b>		<b>2</b>					
EP020	<b>CEPR-6160-10</b>		<b>1</b>					
EP126	<b>CEPR-6160-20</b>		<b>2</b>	20	45	125	20	
EP021	<b>CEPR-6200-10</b>		<b>1</b>					
EP131	<b>CEPR-6200-20</b>		<b>2</b>					



**CEPL** | Epoch Long

**V max**  
High Speed

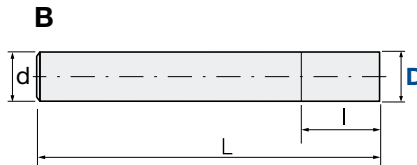
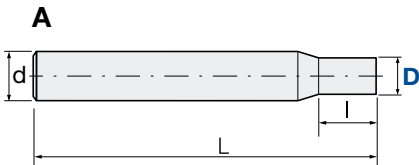
**▽▽**  
Semi-Finishing

**▽▽▽**  
Finishing

**HRC**  
65

**No. of Teeth**  
4

**No. of Teeth**  
6



**Carbide**  
Micro Grain

**C**  
Century Coating

**Rake Angle**  
Negative



-D5



D6-D12



D16-D20

Helix Angle	D Tol. [mm]	d Tol.
<b>46°</b>	<b>D3~D6: 0/-0.015</b> <b>D8~D20: 0/-0.02</b>	<b>h6</b>

ID Code	Item Code	Z	D	l	L	d	Type
EP087	<b>CEPL-4030</b>	4	<b>3</b>	15	60	6	A
EP088	<b>CEPL-4040</b>		<b>4</b>	20	65		
EP089	<b>CEPL-4050</b>		<b>5</b>	25	70		
EP090	<b>CEPL-6060</b>	<b>6</b>	6			B	
EP091	<b>CEPL-6080</b>	<b>8</b>		35	90		8
EP092	<b>CEPL-6100</b>	<b>10</b>		45	100		10
EP093	<b>CEPL-6120</b>	<b>12</b>		55	120		12
EP094	<b>CEPL-6160</b>	<b>16</b>		65	135		16
EP095	<b>CEPL-6200</b>	<b>20</b>		75	155		20

Cutting Conditions | Schnittwerte | Condizioni di taglio | Condiciones de Corte | Conditions de coupe | Valores de corte:

**CEPL** | Epoch Long

Side Milling: Page 12



**CEPH** | Epoch Hard

**V max**  
High Speed

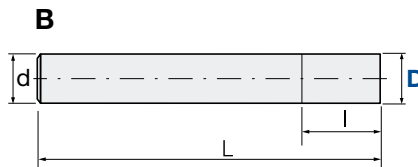
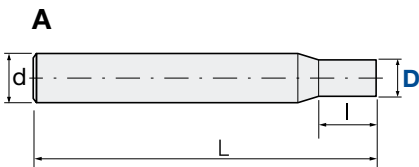
**▽▽**  
Semi-Finishing

**▽▽▽**  
Finishing

**HRC**  
55

**No. of Teeth**  
4

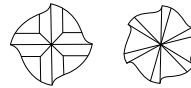
**No. of Teeth**  
6



**Carbide**  
Micro Grain

**C**  
Century Coating

**Rake Angle**  
Negative



Helix Angle	D Tol. [mm]	d Tol.
<b>46°</b>	<b>D 3~D 6: 0/-0.015</b> <b>D 8~D 20: 0/-0.02</b>	<b>h6</b>

ID Code	Item Code	Z	D	l	L	d	Type
EP078	<b>CEPH-4030</b>	4	<b>3</b>	6	60	6	A
EP079	<b>CEPH-4040</b>		<b>4</b>	8			
EP080	<b>CEPH-4050</b>		<b>5</b>	10			
EP081	<b>CEPH-6060</b>	6	<b>6</b>	12	75	8	B
EP082	<b>CEPH-6080</b>		<b>8</b>	16			
EP083	<b>CEPH-6100</b>		<b>10</b>	20			
EP084	<b>CEPH-6120</b>		<b>12</b>	24			
EP085	<b>CEPH-6160</b>		<b>16</b>	32			
EP086	<b>CEPH-6200</b>		<b>20</b>	40			

**CEPU** | Epoch Universal

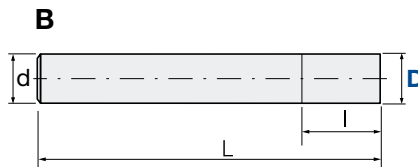
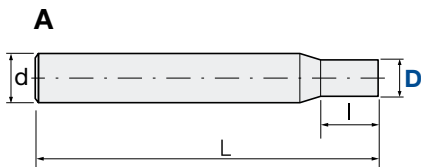
**Q max**  
 High Efficient

**V max**  
 High Speed

  
 Roughing

  
 Semi-Finishing

**HRC**  
 60

**No. of Teeth**  
 4

**Carbide**  
 Micro Grain

**C**  
 Century Coating

**Rake Angle**  
 Negative


Helix Angle	D Tol. [mm]	d Tol.
<b>52°</b>	<b>D 4~D 6: 0/-0.015</b>	<b>h6</b>
	<b>D 8~D 20: 0/-0.02</b>	

ID Code	Item Code	Z	D	l	L	d	Type
EP139	<b>CEPU-4040</b>	4	<b>4</b>	12	60	6	A
EP140	<b>CEPU-4060</b>		<b>6</b>	15			
EP141	<b>CEPU-4080</b>		<b>8</b>	20	75	8	B
EP142	<b>CEPU-4100</b>		<b>10</b>	25	80	10	
EP143	<b>CEPU-4120</b>		<b>12</b>	30	100	12	
EP144	<b>CEPU-4160</b>		<b>16</b>	40	110	16	
EP145	<b>CEPU-4200</b>		<b>20</b>	45	125	20	
EP030	<b>CEPUSET-0100</b>			<b>6/8/10</b>	15/20/25	60/75/80	6/8/10