

**NS** TOOL

CORE LINE

**PCD**

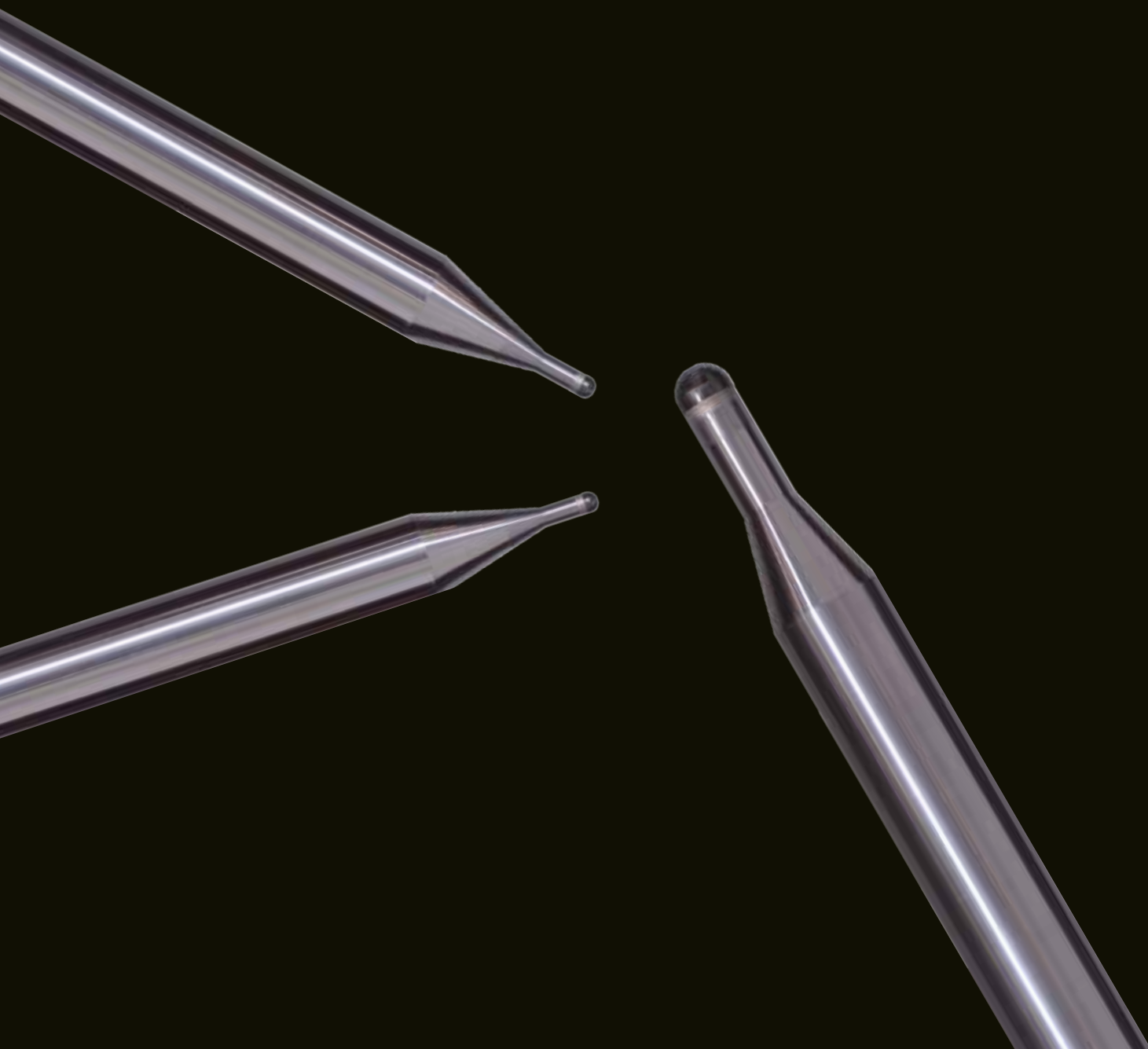
Tecnologia avanzata per la riduzione del tempo di lucidatura  
Polishing time reduced by advanced technology

**Frese sferiche in PCD**  
PCD Ball End Mill

**Espansione delle dimensioni**  
**R0.15 · R0.25**

Size expansion : R0.15 , R0.25

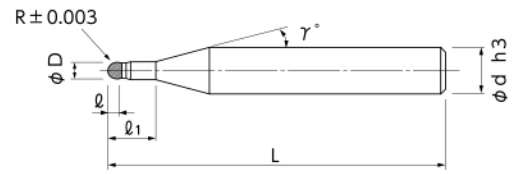
**PCDRB**



Il tempo di lucidatura è notevolmente ridotto nella lavorazione di varie forme  
Polishing time is greatly reduced by machining into various shape

**Frese sferiche in PCD** PCD Ball End Mill

**PCDRB** R0.05 ~ R3 **Totale 15 misure**  
Total 15 sizes



Materiale Work Material

Acciaio temprato H Hardened Steel	Materiale fragile ○ Hard Brittle Material
○	○

Unità di misura : mm  
Unit [size : mm]

NEW	Codice Code No.	Raggio(R) Radius	Lungh. scarico (ℓ <sub>1</sub> ) Under Neck Length	Lungh. tagl. (ℓ) Length of Cut	Diametro (D) Dia.	Angolo (γ) Neck Taper Angle	Dia. gambo (d) Shank Dia.	Lungh. totale (L) Overall Length
	04-00500-00501	R0.05	0.15	0.05	0.1	15°	4	48
	04-00500-00502		0.25	0.05	0.1	15°	4	48
	04-00500-00751	R0.075	0.23	0.075	0.15	15°	4	48
	04-00500-00752		0.38	0.075	0.15	15°	4	48
	04-00500-01001	R0.1	0.5	0.1	0.2	15°	4	48
<b>NEW</b>	04-00500-01501	R0.15	0.75	0.15	0.3	15°	4	48
	04-00500-02001	R0.2	1	0.2	0.4	15°	4	48
<b>NEW</b>	04-00500-02501	R0.25	1.25	0.25	0.5	15°	4	48
	04-00500-03001	R0.3	1.5	0.3	0.6	15°	4	48
	04-00500-05001	R0.5	2.5	0.5	1	15°	4	50
	04-00500-07501	R0.75	3.8	0.75	1.5	15°	4	48
	04-00500-10001	R1	5	1	2	15°	4	48
	04-00500-15001	R1.5	7.5	1.5	3	15°	6	59
	04-00500-20001	R2	10	2	4	15°	6	60
	04-00500-30001	R3	15	3	6	-	6	62

**Attenzione**

Quando ordinate, indicate PCDRB (R) × (ℓ<sub>1</sub>)  
When you order, indicate PCDRB (R) × (ℓ<sub>1</sub>).

※ (γ) è un valore di riferimento  
※ (γ) is reference Value.



Materiale **HAP40 (64HRC)**  
Work Material



Utensile **PCDRB R3 × scarico 15**  
Tool Under Neck length  
n : 16,000 g/min, Va : 700 mm/min  
ap×ae : 0.009 × 0.009 mm  
Rugosità **Fianco Ra 0.004 μm**  
Surface Roughness Side  
**Fondo Ra 0.023 μm**  
Bottom



Utensile **PCDRB R1.5 × scarico 7.5**  
Tool Under Neck length  
n : 25,000 g/min, Va : 700 mm/min  
ap×ae : 0.006 × 0.006 mm  
Rugosità **Fianco Ra 0.006 μm**  
Surface Roughness Side  
**Fondo Ra 0.046 μm**  
Bottom