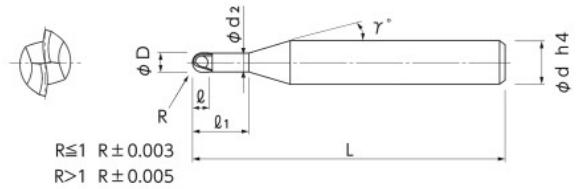
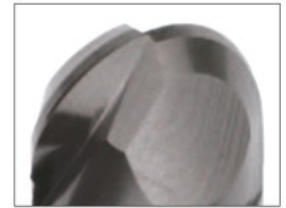


Realized glossy finished surface



- Adopted spiral ball shape to improve sharpness of cutting edge.
- Adopted cutting edge shape to improve the chipping resistance of cutting edge.
- When peripheral cutting edge makes contact with cutting surface, vibration occurs by an increase in cutting resistance and it affects tool life and cutting surface quality. The influence can be reduced by adoption of the strong back taper shape.
- Enlarged standard tool size up to R3 to extend application range.



Cutting edge shape

Unit : mm

Code No.	Radius (R)	Under Neck Length (l ₁)	Length of Cut (l)	Dia. (D)	Neck Dia. (d ₂)	Neck Taper Angle (γ)	Shank Dia. (d)	Overall Length (L)
01-00505-00101	R0.1	0.3	0.15	0.2	0.19	15°	4	50
01-00505-00100		0.6	0.15	0.2	0.19	15°	4	50
01-00505-00150	R0.15	0.3	0.23	0.3	0.28	15°	4	50
01-00505-00151		0.5	0.23	0.3	0.28	15°	4	50
01-00505-00152	R0.2	0.75	0.23	0.3	0.28	15°	4	50
01-00505-00201		0.5	0.3	0.4	0.37	15°	4	50
01-00505-00202		0.75	0.3	0.4	0.37	15°	4	50
01-00505-00203		1	0.3	0.4	0.37	15°	4	50
01-00505-00200	R0.25	1.2	0.3	0.4	0.37	15°	4	50
01-00505-00251		1	0.38	0.5	0.46	15°	4	50
01-00505-00301	R0.3	1.2	0.5	0.6	0.56	15°	4	50
01-00505-00300		1.5	0.5	0.6	0.56	15°	4	50
01-00505-00401	R0.4	1.6	0.6	0.8	0.76	15°	4	50
01-00505-00400		2	0.6	0.8	0.76	15°	4	50
01-00505-00501	R0.5	2	0.7	1	0.95	15°	4	50
01-00505-00500		2.5	0.7	1	0.95	15°	4	50
01-00505-00601	R0.6	2.4	0.8	1.2	1.15	15°	4	50
01-00505-00600		3	0.8	1.2	1.15	15°	4	50
01-00505-00751	R0.75	3	1	1.5	1.45	15°	4	52
01-00505-00750		3.8	1	1.5	1.45	15°	4	52
01-00505-01000	R1	4	1.2	2	1.94	15°	4	52
01-00505-01001		5	1.2	2	1.94	15°	4	52
01-00505-01506	R1.5	6	1.8	3	2.85	12°	6	50
01-00505-01509		9	1.8	3	2.85	12°	6	70
01-00505-02008	R2	8	2.4	4	3.8	12°	6	50
01-00505-02012		12	2.4	4	3.8	12°	6	70
01-00505-02510	R2.5	10	3	5	4.8	12°	6	60
01-00505-02515		15	3	5	4.8	12°	6	80
01-00505-03012	R3	12	3.6	6	5.8	—	6	60
01-00505-03018		18	3.6	6	5.8	—	6	80

How to Order

When you order, indicate SSPB220 (R)×(l₁). ※(γ) is reference value.

Machining case

S-004