

BCS SERIES

Fire Rated Security Brass Euro Double Cylinder



Specification

- Key-key type cylinder compatible with all standard euro profile mortise locks.
- Length starts at 30/30, available in 5 mm increments up to 80/80, both in offset and equal lengths.
- Passed over 100,000 cycles in durability tests.
- Solid brass pins and stainless steel 304 springs for high precision and extended service life.
- Suitable for both indoor and outdoor applications due to high corrosion resistance even in extreme temperatures between -25 °C and +65 °C.
- Suitable for use on metal and timber fire doors.
- Supplied with 5 nickel-plated brass keys.

CE Classification

160B0C40



Keyway	Mapped
Material	HPB59-1 Brass
Section Size	Ø17x33x10 mm
Cam	R15 x 6.5 Sintered Steel
Pins	6 Movable Solid Brass Detainers
Keys	5 Nickel-plated 2.2 mm Solid Brass Keys
Fixing Screw	Stainless Steel 304 Fixing Screw
Packaging	50 Units per Carton

Security Features

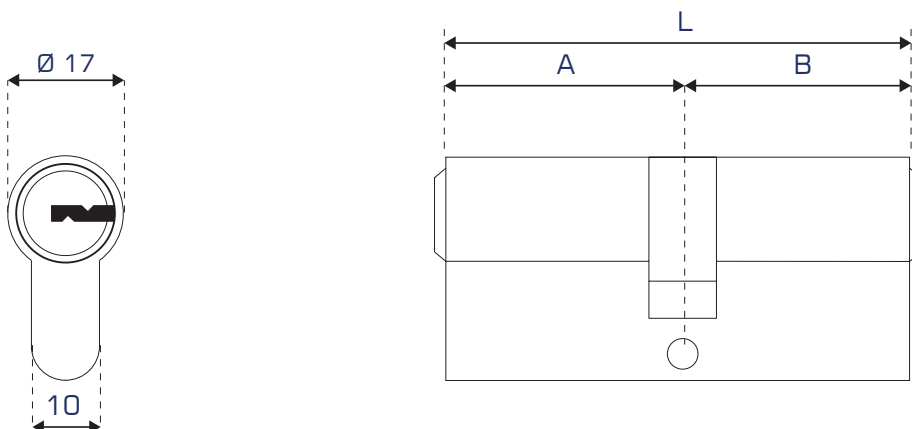
- 6+6 movable pins (detainers) allowing for higher security with over 100,000 different combinations.
- Sintered steel cam protrudes at 30° angle out of cylinder body when key is pulled out, making it impossible for the cylinder to be drawn out of lock by force.
- Anti-duplication keyway: Prevents the illegal duplication of keys.

Certification

- 10 year warranty: The performance of this product and all its variants are covered by Wilroy's hassle-free warranty.
- CE marked and fully tested to EN 1303:2015.
- CE marked and fully tested to EN 1634-1:2014 for suitability of use on fire doors.
- Fully compliant with DIN 18252.

Digit	Grade	Description
2 nd	6	Passed 100,000 test cycles. This is the highest possible grade according to EN 1303:2015 standards.
4 th	B	Suitable and approved for use on fire/smoke door assemblies. Tested according to EN 1634-1:2014 standards, and achieved fire resistance of 260 minutes on steel fire doors and 111 minutes on timber fire doors.
6 th	C	High corrosion resistance. Temperature requirement between -25 °C and +65 °C.
7 th	4	Minimum of 5 movable elements within the cylinder, resulting in more than 30,000 effective differs for the key with torque resistance of 15 Nm with no coding on key disclosing combination.

Technical Design



Finishes

- AB - Antique Brass
- AC - Antique Copper
- BP - Matted Black
- GM - Gun Metal
- PB - Polished Brass
- PN - Polished Nickel
- PS - Polished Stainless Steel
- RG - Rose Gold
- SB - Satin Brass
- SN - Satin Nickel
- SS - Satin Stainless Steel

VARIANTS

BCS			
Catalog#	A (mm)	B (mm)	Length
BCS3030	30	30	30/30
BCS3035	30	35	30/35
BCS3040	30	40	30/40
BCS3045	30	45	30/45
BCS3050	30	50	30/50
BCS3055	30	55	30/55
BCS3060	30	60	30/60
BCS3065	30	65	30/65
BCS3070	30	70	30/70
BCS3075	30	75	30/75
BCS3080	30	80	30/80
BCS3535	35	35	35/35
BCS3540	35	40	35/40
BCS3545	35	45	35/45
BCS3550	35	50	35/50
BCS3555	35	55	35/55
BCS3560	35	60	35/60
BCS3565	35	65	35/65
BCS3570	35	70	35/70
BCS3575	35	75	35/75
BCS3580	35	80	35/80
BCS4040	40	40	40/40
BCS4045	40	45	40/45
BCS4050	40	50	40/50
BCS4055	40	55	40/55
BCS4060	40	60	40/60
BCS4065	40	65	40/65
BCS4070	40	70	40/70
BCS4075	40	75	40/75
BCS4080	40	80	40/80
BCS4545	45	45	45/45
BCS4550	45	50	45/50
BCS4555	45	55	45/55
BCS4560	45	60	45/60
BCS4565	45	65	45/65
BCS4570	45	70	45/70
BCS4575	45	75	45/75
BCS4580	45	80	45/80
BCS5050	50	50	50/50
BCS5055	50	55	50/55
BCS5060	50	60	50/60
BCS5065	50	65	50/65
BCS5070	50	70	50/70
BCS5075	50	75	50/75
BCS5080	50	80	50/80
BCS5555	55	55	55/55

Catalog#	A (mm)	B (mm)	Length
BCS5560	55	60	55/60
BCS5565	55	65	55/65
BCS5570	55	70	55/70
BCS5575	55	75	55/75
BCS5580	55	80	55/80
BCS6060	60	60	60/60
BCS6065	60	65	60/65
BCS6070	60	70	60/70
BCS6075	60	75	60/75
BCS6080	60	80	60/80
BCS6565	65	65	65/65
BCS6570	65	70	65/70
BCS6575	65	75	65/75
BCS6580	65	80	65/80
BCS7070	70	70	70/70
BCS7075	70	75	70/75
BCS7080	70	80	70/80
BCS7575	75	75	75/75
BCS7580	75	80	75/80
BCS8080	80	80	80/80