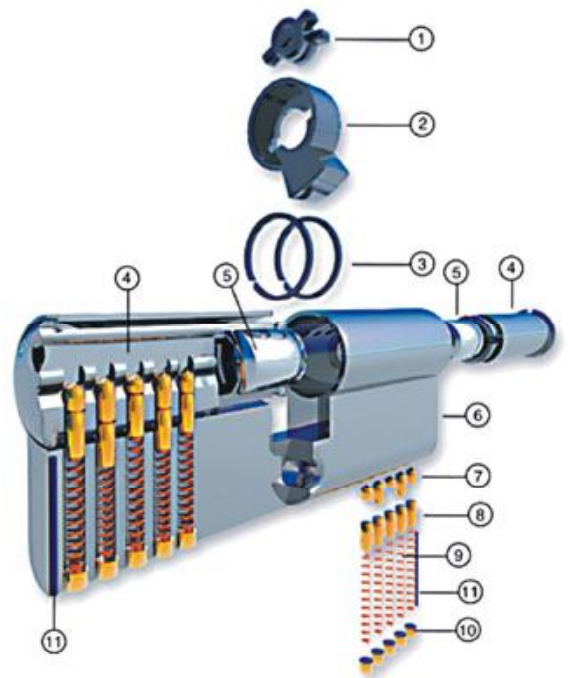


The EUROART Pinning Centre is staffed by factory trained technicians and is equipped with the latest computerised software and key cutting machinery.

Features

- BSEN 1303-2005 performance tested
- Quality solid brass body and plug
- 30 degree offset cam inhibits knock through
- Anti pick drivers
- Anti drill pins
- Anti pick key profile
- Large range of key combinations
- Cylinders available in a variety of finishes
- Polished Brass(PB), Gold Plated(GP), Matt Chrome(MC)
Nickel Plated(NP), Polished Chrome(PC), Matt Nickel(MN)



- | | |
|------------------------------------|--------------------|
| 1- Clutch | 7- Key Pins |
| 2- Cam | 8- Middle Pins |
| 3- Clip Rings | 9- Springs |
| 4- Barrel | 10- Closing Pins |
| 5- Spacer
(long cylinders only) | 11- Anti-drill Pin |
| 6- Housing | |

Product Range

The EUROART range of euro profile cylinders is made up of three main categories or levels:

- CYC contract series : 6 pin economy cylinders.
- CYD architectural series : 6 pin high security cylinders with 4 anti-drill pins.
- CYS flagship series : 10 pin high security with two line pins. This is the flagship of EUROART cylinder range offering the advance V-Shaped flat key profile section, and doubling the pins where high security is essential.

Standards and Certification

BS EN1303 Cylinders for locks

Digit 1 – Category of use

One category is identified:

- grade 1: For use by people with a high incentive to exercise care and with a small chance of mis-use.

Digit 2 – Durability

Three grades are identified according to the number of test cycles achieved:

- grade 4: 25 000 cycles
- grade 5: 50 000 cycles
- grade 6: 100 000 cycles

Digit 3 – Door mass

One grade is identified:

- grade 0: No requirement

Digit 4 – Fire resistance

Two grades are identified:

- grade 0: not suitable for fire/smoke resistant door assemblies
- grade 1: suitable for fire/smoke resistant door assemblies subject to satisfactory assessment of the contribution of the cylinder to the fire resistance of the specified fire/smoke door assemblies. Such assessment is beyond the scope of this European standard (see EN 1634-1, box 4), it must be possible to demonstrate compliance with the Essential Requirements of the Construction Products (Amendments) Regulations.

Digit 5 – Safety

One grade is identified:

- grade 0: No requirement

Digit 6 – Corrosion and temperature resistance

Four grades are identified as follows:-

- grade 0: no corrosion or temperature resistance requirements
- grade A: BS EN 1670 Grade 3 corrosion resistance (96 hours NSS): no temperature resistance requirement
- grade B: No corrosion resistance requirement: resistance to -20/+80°C temperature extremes
- grade C: BS EN 1670 Grade 3 corrosion resistance: resistance to -20/+80°C temperature extremes

Note. No distinction is made between the inside and the outside of either the cylinder and/or the door. On completion of the test, the cylinder must operate.

Digit 7 – Key related security

Six grades are identified and the principal requirements are summarised in Table 1 below:

	Grade					
	1	2	3	4	5	6
Minimum number of effective differs	100	300	15,000	30,000	30,000	100,000
Minimum number of movable levers, pins, discs, etc.	2	3	5	5	6	6
Coding on key could disclose combination	Yes	Yes	No	No	No	No
Torque resistance of plug	2.5Nm	5Nm	15Nm	15Nm	15Nm	15Nm

Digit 8 – Attack resistance

Three grades are identified and the principal requirements are summarised in Table 2 below:

	Grade		
	0	1	2
Resistance to drilling (nett drilling time)	-	3/5 mins	5/10 mins
Resistance to chisel attack (number of defined blows)	-	30	40
Resistance to twisting attack (number of defined twists)	-	20	30
Resistance to plug/cylinder extraction (pull load)	-	15 kN	15 kN
Torque resistance of plug/cylinder	-	20Nm	30Nm

Keyed To Differ

Cylinders to differ are all operated by individual keys all different to each other

Keyed Alike Suites (KA)

In keyed alike arrangements all cylinders are operated by the same key. This gives an arrangement where one key will open a group of locks. Not to be confused with a master keyed suite (see below). Cylinders can also be keyed alike to the euro profile, oval and rim cylinders. This is useful where a combination of cylinder mortice lock cases and cylinder rim nightlatches are being used.

Common Entrance Suite

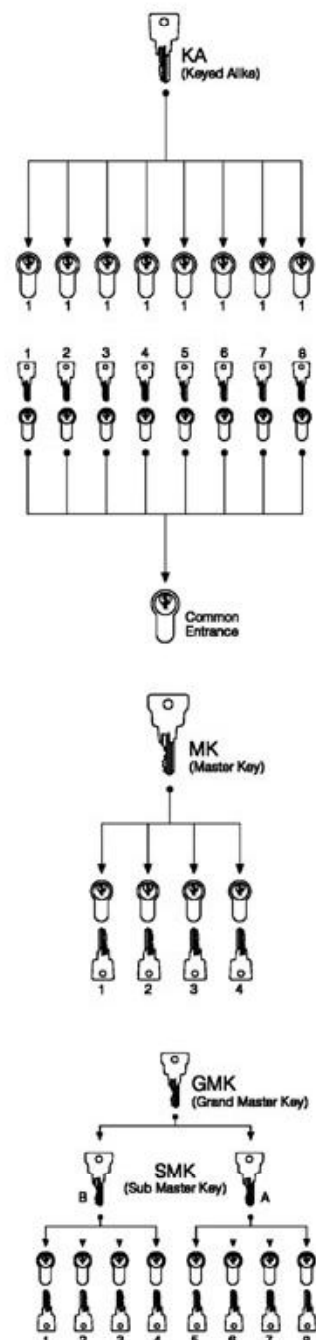
Common entrance (or flat entrance) suites are designed to enable a tenant to use the same key for his own private doors as well as doors common to other residents within the same buildings. The common entrance feature can be incorporated within any master key suite.

Master Key Suites (MK)

In Master key suites, a group of cylinders, each equipped with an individual servant key, is also operated by one special key known as the master key. Keyed alike groups can also be incorporated into any master key suite.

Grand Master Key Suites (GMK)

Grand master key suites are used when it is necessary to have more than one master key group. These groups are referred to as sub suites. In these instances all cylinders irrespective of their sub suite, are controlled by one key known as the grand master key.



- Solid brass body
- Top pins made of solid brass
- Bottom pins of anti drill stainless steel
- Key manufactured from cupronickel
- Tested to 100,000 cycles
- Supplied with SS 304 bolt
- Keyed Alike suites available

- Bespoke master keyed systems assembled in-house at EUROART (UK) Ltd.
- Approx 1500 differs available for a straight MK suite with no sub suites
- Full records kept for replacements and future extensions
- Supplied with five 3.0mm dimple keys

Double Cylinder



Ref. No.	Size
----------	------

- CYS260 : 60mm
- CYS270 : 70mm
- CYS280 : 80mm
- CYS290 : 90mm

Finish: PB, SN, CP, AB, SC

Key and Turn Cylinder



Ref. No.	Size
----------	------

- CYS360 : 60mm
- CYS370 : 70mm
- CYS380 : 80mm
- CYS390 : 90mm

Finish: PB, SN, CP, AB, SC

Single Cylinder



Ref. No.	Size
----------	------

- CYS145 : 45mm

Finish: PB, SN, CP, AB, SC



This security card should be retained by the owner of the cylinder or master key system and should be produced to EUROART for additional keys or cylinders

- Solid brass body
- Top pins made of solid brass
- Bottom pins of anti drill stainless steel
- Key manufactured from cupronickel
- Each side 4 anti drill pins
- Tested to 100,000 cycles
- Supplied with SS 304 bolt

- Keyed Alike suites available
- Bespoke master keyed systems assembled in-house at EUROART (UK) Ltd.
- Approx 1000 differs available for a straight MK suite with no sub suites
- Full records kept for replacements and future extensions
- Supplied with three 2.2mm keys

Double Cylinder



Ref. No.	Size
• CYD260	: 60mm
• CYD270	: 70mm
• CYD280	: 80mm
• CYD290	: 90mm
• CYD2100	: 100mm

Finish: PB, SN, CP, AB, SC

Key and Turn Cylinder



Ref. No.	Size
• CYD360	: 60mm
• CYD370	: 70mm
• CYD380	: 80mm
• CYD390	: 90mm

Finish: PB, SN, CP, AB, SC

Single Cylinder



Ref. No.	Size
• CYD145	: 45mm

Finish: PB, SN, CP, AB, SC



- Solid brass body
- Top and bottom pins made of solid brass
- Key manufactured from brass
- Supplied with three 2.2mm dimple keys

Double Cylinder


Ref. No.	Size
• CYC265	: 65mm
• CYC275	: 75mm
• CYC285	: 85mm

Finish: PB, SN, CP, AB, SC

Key and Turn Cylinder


Ref. No.	Size
• CYC365	: 65mm
• CYC375	: 75mm
• CYC385	: 85mm

Finish: PB, SN, CP, AB, SC

Single Cylinder


Ref. No.	Size
• CYC145	: 45mm

Finish: PB, SN, CP, AB, SC



Euro Bathroom Cylinder & Turn


- Solid brass body
- Tested to 100,000 cycles
- Supplied with SS 304 bolt

Ref. No.	Size
----------	------

- | | |
|----------|--------|
| ● CYC465 | : 65mm |
| ● CYD470 | : 70mm |
| ● CYD480 | : 80mm |
| ● CYD490 | : 90mm |

Finish: PB, SN, CP, AB, SC
Euro Single Thumbturn Cylinder


- Solid brass body
- Tested to 100,000 cycles
- Supplied with SS 304 bolt

Ref. No.	Size
----------	------

- | | |
|----------|--------|
| ● CYD545 | : 45mm |
|----------|--------|

Finish: PB, SN, CP, AB, SC
Cylinder Knobs


Ref. No.

- | |
|--------|
| ● CK A |
|--------|



Ref. No.

- | |
|--------|
| ● CK B |
|--------|



Ref. No.

- | |
|--------|
| ● CK C |
|--------|

Finish: PB, SN, CP, AB, SC
Key Blanks & Master Keys


Ref. No.

- | | |
|-------|-----------------------------|
| ● KBS | : Key blank for CYS series |
| ● MKS | : Master key for CYS series |



Ref. No.

- | | |
|-------|-----------------------------|
| ● KBD | : Key blank for CYD series |
| ● MKD | : Master key for CYD series |



Ref. No.

- | | |
|-------|-----------------------------|
| ● KBC | : Key blank for CYC series |
| ● MKC | : Master key for CYC series |