

EURO PROFILE CYLINDERS



SINGLE EURO PROFILE CYLINDER



DOUBLE EURO PROFILE CYLINDER



DOUBLE EURO PROFILE THUMBTURN CYLINDER

ERA offers a comprehensive selection of **Euro Profile Cylinders**, available in a vast number of sizes and types, complementing the Euro Cylinder operated Mortice Locks and Multi-Point Locks.

Available in both brass and satin finishes, the Euro Profile Cylinders are manufactured from solid brass incorporating either 5 pins (Standard), 6 pins (Security) and 6 pins (High Security).

The High Security 6 pin cylinders have anti-pick, hardened pins and four mushroom drivers, offering in excess of 100,000 key differs. (BS1303)

The **Single Euro Profile Cylinders**, allow opening from one side only. Ideal if security is required on one side and no access on the other.

The **High Security 6 pin Double Euro Cylinders** ensure controlled access from both sides of the lock.

The **Double Euro Thumbturn Cylinders** are ideal for locations that require controlled access from one direction and easy access from another.

Master Keying and Cylinders To Pass are available to special order. Each cylinder is supplied with 3 keys.

ORDERING DETAILS

Dimensions **No. of** **Finish**
(mm) **Pins**

A	B	C			
Single Euro Profile Cylinders					
30	40	5	Satin	4030-51	
30	40	5	Brass	4031-31	

A	B	C			
Double Euro Profile Cylinders					
30	30	60	5	Satin	4050-51
30	30	60	5	Brass	4051-31
30	40	70	5	Satin	4054-51
30	40	70	5	Brass	4055-31
35	35	70	5	Satin	4110-51
35	35	70	5	Brass	4110-31
35	35	70	6	Satin	4066-51
35	35	70	6	Brass	4067-31
35	40	75	6	Satin	4068-51
35	40	75	6	Brass	4069-31
35	45	80	6	Satin	4070-51
35	45	80	6	Brass	4071-31
40	40	80	6	Satin	4077-51
40	40	80	6	Brass	4078-31
40	50	90	6	Satin	4081-51
40	50	90	6	Brass	4082-31
40	60	100	6	Satin	4085-51
40	60	100	6	Brass	4086-31
45	45	90	6	Satin	4087-51
45	45	90	6	Brass	4088-31
45	55	100	6	Satin	4095-51
45	55	100	6	Brass	4095-31

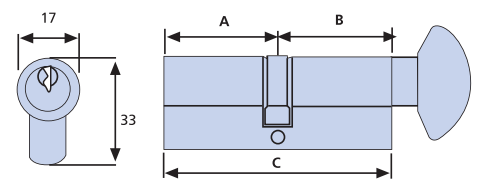
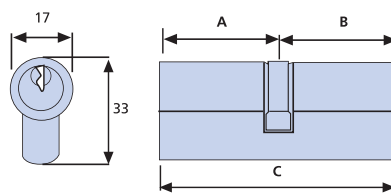
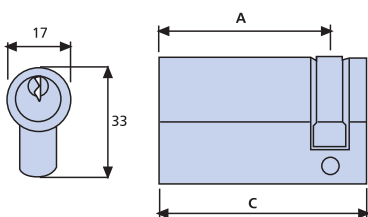
A	B	C			
Double Euro Profile Thumbturn Cylinders					
30	30	60	5	Satin	4100-51
30	30	60	5	Brass	4101-31

Further sizes available - please call ERA sales for further information. Oval Profile Cylinders are also available. Clam-Packed available on certain products.

Single Euro Profile Cylinder

Double Euro Profile Cylinder

Double Euro Profile Thumbturn Cylinder



All dimensions in mm.

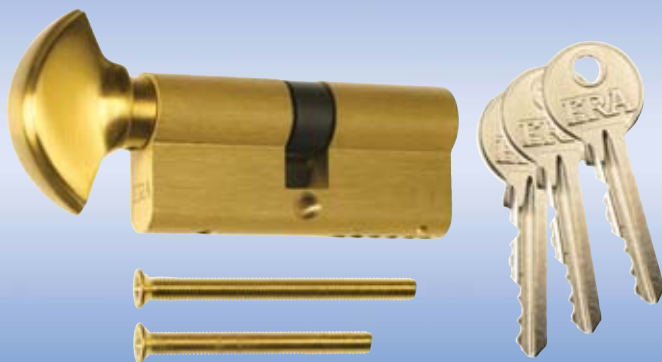
BRITISH STANDARD EURO & OVAL PROFILE CYLINDERS



DOUBLE EURO PROFILE CYLINDER



DOUBLE OVAL PROFILE CYLINDER



DOUBLE EURO PROFILE THUMBTURN CYLINDER

- This exciting new range of British Standard Cylinders combines quality, reliability and a competitive pricing structure.
- Cylinders in the range have been successfully tested for conformity to all of the requirements of BS EN 1303:2005* only when used in conjunction with the ERA Cylinder Rose ref 263.
- High physical security.
- Six pin tumblers incorporating anti-picking features.
- Hardened pins and mushroom rollers for drill resistance.
- The plug itself is further strengthened from screw attack.
- 30,000 differs.
- Available Master-Keyed, Differ and Keyed Alike.
- Each Cylinder is supplied with 3 keys.

*Key entry side only on thumbturn cylinders

ORDERING DETAILS

Dimensions No. of Finish
(mm) Pins
A B C

Double Euro Profile BS Cylinders

35	35	70	6	Brass, Boxed	4260-31
35	35	70	6	Brass, Clam	4260-32
35	35	70	6	Satin, Boxed	4260-51
35	35	70	6	Satin, Clam	4260-52
35	35	70	6	Chrome, Boxed	4260-61
35	35	70	6	Chrome, Clam	4260-62

Double Oval Profile BS Cylinders

35	35	70	6	Brass, Boxed	4265-31
35	35	70	6	Brass, Clam	4265-32
35	35	70	6	Satin, Boxed	4265-51
35	35	70	6	Satin, Clam	4265-52
35	35	70	6	Chrome, Boxed	4265-61
35	35	70	6	Chrome, Clam	4265-62

Double Euro Profile Thumbturn BS Cylinders

35	35	70	6	Brass, Boxed	4270-31
35	35	70	6	Satin, Boxed	4270-51
35	35	70	6	Chrome, Boxed	4270-61

Double Oval Profile Thumbturn BS Cylinders

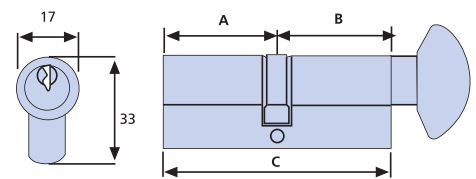
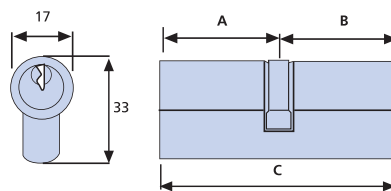
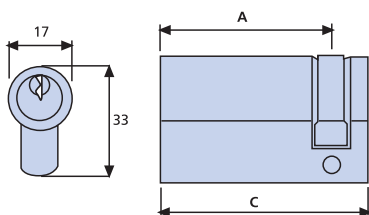
35	35	70	6	Brass, Boxed	4273-31
35	35	70	6	Satin, Boxed	4273-51
35	35	70	6	Chrome, Boxed	4273-61

Further sizes available - please call ERA sales for further information. Oval Profile Cylinders are also available. Clam-Packed available on certain products.

Single Euro Profile Cylinder

Double Euro Profile Cylinder

Euro Profile Thumbturn Cylinder



All dimensions in mm.

DHF BEST PRACTICE GUIDE

CYLINDERS FOR LOCKS TO BS EN 1303:2005

Digit 1

Category of use

One category is identified:

Grade 1: Keys shall resist a torque of 2.5Nm and still be usable.

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

No requirement.

Digit 4

Fire resistance

Two grades are identified as follows:

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)

Digit 5

Safety

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 using a maximum 1.5 Nm torque on the key.

Digit 7

Key related security

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

Table 1: Key related security

	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. Attack resistance when used in conjunction with the ERA Cylinder Rose ref 263.

Table 2: Attack resistance

	GRADE		
	0	1	2
Resistance to drilling (nett drilling time)	-	3 mins	5 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

EXAMPLE:

The following marking denotes a cylinder meeting the required category of use Grade 1, durability Grade 6 (100,000), no requirement for door mass, no fire resistance or safety in use requirement, having Grade A corrosion resistance, Grade 4 key related security and Grade 1 attack resistance.

 1 (1)	 6 (4-6)	 - (-)	 0 (0/1)	 - (-)	 A (0/A/B/C)	 4 (0-5)	 1 (0-2)
---	---	--	---	---	---	---	---

ERA BRITISH STANDARD CYLINDERS CLASSIFICATION ACHIEVED

Category of use	Durability	Door mass	Fire resistance	Safety	Corrosion resistance & Temperature	Key related security	Attack resistance
1	6	0	1	0	C	5	2

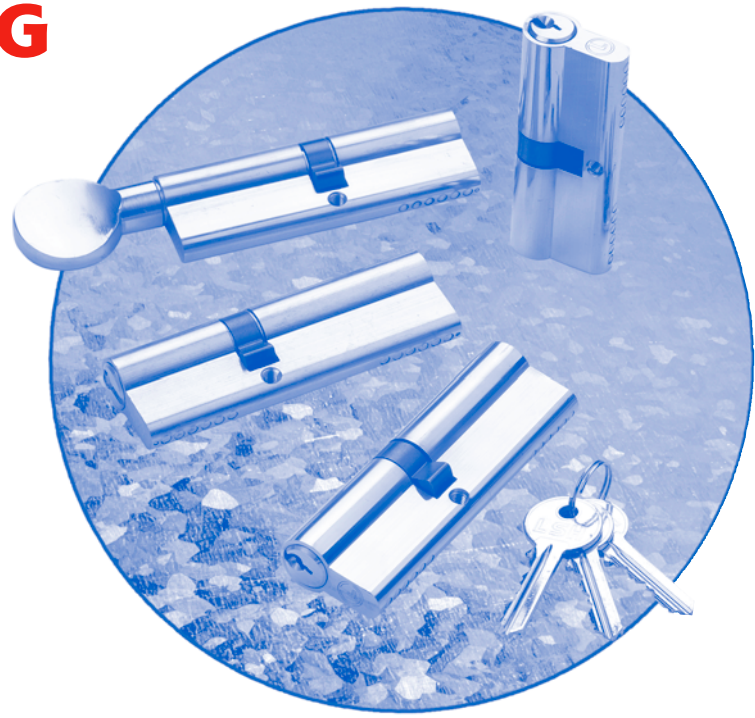
EURO LOCKING CYLINDERS

for doors

The LSH (UK) range of double and single profile locking cylinders have been engineered for ease of application and long term trouble-free performance.

Designed with 6 pin security anti-pick, the cylinder offers excellent resistance to forced entry.

The choice includes a full range of options in brass and nickel including thumb turn and key alike, and fits all Euro profile designed locks.



Technical information

Corrosion resistance: Meets the Requirements of BS EN 1670:2007

Operation: Tested 100,000 cycles

Material specification

Cylinder: Brass to BS 2872

Cam: Sintered steel (BS 5600 pt 5)(offset 45%)

Pins: Hardened 6 pins, anti-pick

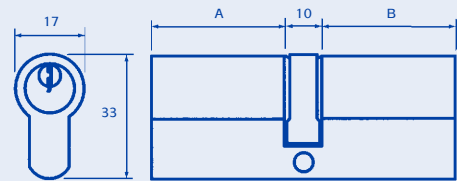
Key: Nickel plated brass

Screw: M5 x 80mm nickel plated or polished brass screw

Finish: Brass (natural)
Silver (Nickel plated brass)

Product Options

Available in Natural Brass and Silver Nickel plated finishes, in the following versions: 6 pin; Thumb turn; Keyed alike.
See opposite for complete list of product codes.



KEYED ALIKE



6 PIN



THUMB TURN



ALUMINIUM DOORS



PVC-U DOORS



TIMBER DOORS



SARACEN SECURE



10 YEAR GUARANTEE

EURO LOCKING CYLINDERS

Part numbers

Door Cylinders

Brass

30/30	DCLSD3030B
30/50	DCLSD3050B
35/35	DCLSD3535B
35/40	DCLSD3540B
35/45	DCLSD3545B
35/55	DCLSD3555B
40/40	DCLSD4040B
40/45	DCLSD4045B
40/50	DCLSD4050B
40/55	DCLSD4055B
40/60	DCLSD4060B
45/45	DCLSD4545B
45/50	DCLSD4550B
45/55	DCLSD4555B
50/50	DCLSD5050B

Nickel

35/35	DCLSD3535N
35/40	DCLSD3540N
35/45	DCLSD3545N
40/40	DCLSD4040N
40/45	DCLSD4045N
40/50	DCLSD4050N
40/55	DCLSD4055N
40/60	DCLSD4060N
45/45	DCLSD4545N
45/50	DCLSD4550N
45/55	DCLSD4555N
50/50	DCLSD5050N

Keyed Alike

Brass

30/40	DCLSK3040B
35/45	DCLSK3545B
35/55	DCLSK3555B
40/40	DCLSK4040B
40/45	DCLSK4045B
40/50	DCLSK4050B
40/55	DCLSK4055B
40/60	DCLSK4060B
45/45	DCLSK4545B
45/50	DCLSK4550B
45/55	DCLSK4555B
50/50	DCLSK5050B

Nickel

30/40	DCLSK3040N
35/45	DCLSK3545N
40/40	DCLSK4040N
40/45	DCLSK4045N
40/50	DCLSK4050N
40/55	DCLSK4055N
40/60	DCLSK4060N
45/45	DCLSK4545N
45/50	DCLSK4550N
45/55	DCLSK4555N
50/50	DCLSK5050N

Please note: Turn button is always on the first side.
i.e. DCLST5045B: Turn button is on 50 side

Thumb Turn

Brass

40/50	DCLST4050B
40/60	DCLST4060B
45/50	DCLST4550B
45/55	DCLST4555B
50/40	DCLST5040B
50/45	DCLST5045B
50/50	DCLST5050B
55/45	DCLST5545B
60/40	DCLST6040B

Nickel

40/50	DCLST4050N
40/60	DCLST4060N
45/55	DCLST4555N
50/40	DCLST5040N
50/45	DCLST5045N
50/50	DCLST5050N
55/45	DCLST5545N
60/40	DCLST6040N

Packing information

Packed individually including screw and 3 keys.