

High security cylinder TX80



ASSA ABLOY

Technical data

Tx80 cylinders have been designed according to the highest quality protection systems. It is a model in constant evolution that incorporates the most advanced security developments (bumping, picking...etc). A design thought to offer to the user the higher security grade in all its extension.

Characteristics

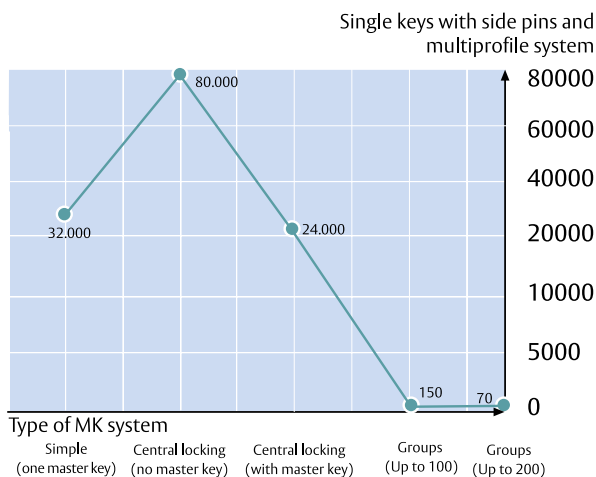
- » Type: Patented dimple key with security sensor.
- » Number of rows: 2
- » Number of pins: 8
- » Technology: Tumbler regular.
- » Permutation level: Grade 6.
- » Corrosion resistance: Grade B
- » Anti pick cylinder lock (High resistance.)
- » Bump proof system.
- » Drill protection grade 2.
- » Lifespan: 100,000 test cycles.
- » Key copies protected with security card.
- » Clutch of double security.
- » 5 patented keys made of nickel silver.
- » Conform to EN-1303 regulation.
- » Master key systems: High capability using side pins and multi profile key ways.

Options

- » Finishes: Brass / Nickel.
- » Cam: DIN R15 and R13.
- » Formats available: Key different, mater keyed, key alike and specific codes.
- » A wide range of sizes and profiles.
- » Colour points to differentiate master key levels.

Master key systems

The patented character of the system will let the owner control, in every moment, the key copies thanks to the property card provided with each cylinder or master key suite.



European standard regulation

In the same way as the main models included in the catalogue, TX80 is certified according to the European standard regulation.

1	6	0	B	0	C	6	D
Key resistance (Grade 0-1)	Lifespan (Grade 4-6)	Door mass (Not applied in cylinders)	Fire resistance (Grade 0-A-B)	Safety of the people (Not applied in cylinders)	Corrosion and temperature resistance (Grade 0-A-B-C)	Key related security (Grade 1 to 6)	Attack resistance (Grade 0-A-B-C-D)

*Note; with the shield E700 the attack resistance rise to the level 2.

Recommendations

- » Use TESA lubricant to lengthen the maximum lifespan of the cylinder.
- » TESA recommends to the user of the TX80 to keep the property card in a safe and secure location. Only by presenting this card, can one obtain key and cylinder copies.
- » For safety reasons, when you install a new cylinder, remember that once installed, it should not project more than 1mm.



The patented nature of the system allows the owner of the installation to monitor at all times the copies of keys and/or cylinders being done.

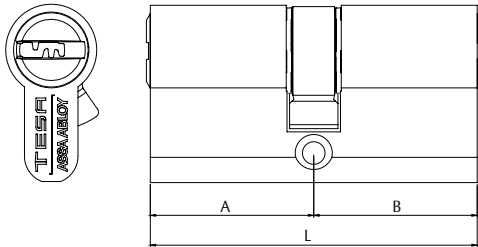
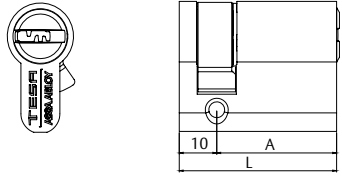
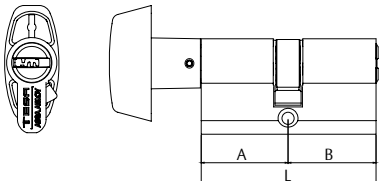
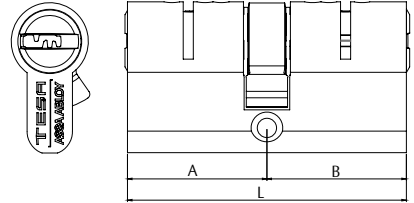
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Patented

European profile



Double european		L	A	B	Cam = 15 mm	Finish	Short cam Cam = 13,2 mm	Finish
		60	30	30	TX85 30 30 L	Brass	MX80 30 30 N	Nickel
		65	30	35	TX85 30 35 L	Brass	MX80 30 35 N	Nickel
		70	30	40	TX85 30 40 L	Brass	MX80 30 40 N	Nickel
		70	35	35	TX85 35 35 L	Brass	MX80 35 35 N	Nickel
		75	30	45	TX85 30 45 L	Brass	MX80 30 45 N	Nickel
		75	35	40	TX85 35 40 L	Brass	MX80 35 40 N	Nickel
		80	30	50	TX85 30 50 L	Brass	MX80 30 50 N	Nickel
		80	35	45	TX85 35 45 L	Brass	MX80 35 45 N	Nickel
		80	40	40	TX85 40 40 L	Brass	MX80 40 40 N	Nickel
		85	35	50	TX85 35 50 L	Brass	MX80 35 50 N	Nickel
		90	30	60	TX85 30 60 L	Brass	MX80 30 60 N	Nickel
		90	35	55	TX85 35 55 L	Brass	MX80 35 55 N	Nickel
		90	40	50	TX85 40 50 L	Brass	MX80 40 50 N	Nickel
		90	45	45	TX85 45 45 L	Brass	MX80 45 45 N	Nickel
		100	30	70	TX85 30 70 L	Brass	MX80 30 70 N	Nickel
		100	40	60	TX85 40 60 L	Brass	MX80 40 60 N	Nickel
		100	50	50	TX85 50 50 L	Brass	MX80 50 50 N	Nickel
		110	30	80	TX85 30 80 L	Brass	MX80 30 80 N	Nickel
		110	50	60	TX85 50 60 L	Brass	MX80 50 60 N	Nickel
		120	30	90	TX85 30 90 L	Brass	MX80 30 90 N	Nickel
		120	40	80	TX85 40 80 L	Brass	MX80 40 80 N	Nickel
		120	60	60	TX85 60 60 L	Brass	MX80 60 60 N	Nickel
		130	30	100	TX85 31 00 L	Brass	MX80 31 00 N	Nickel
		140	40	100	TX85 41 00 L	Brass	MX80 41 00 N	Nickel
		150	50	100	TX85 51 00 L	Brass	MX80 51 00 N	Nickel
		160	60	100	TX85 61 00 L	Brass	MX80 61 00 N	Nickel
Single european		L	A	B	Cam = 15 mm	Finish	Cam = 13,2 mm	Finish
		40	30	10	TX85 30 10 L	Brass	MX80 30 10 N	Nickel
		45	35	10	TX85 35 10 L	Brass	MX80 35 10 N	Nickel
		50	40	10	TX85 40 10 L	Brass	MX80 40 10 N	Nickel
		60	50	10	TX85 50 10 L	Brass	MX80 50 10 N	Nickel
		70	60	10	TX85 60 10 L	Brass	MX80 60 10 N	Nickel
		80	70	10	TX85 70 10 L	Brass	MX80 70 10 N	Nickel
		90	80	10	TX85 80 10 L	Brass	MX80 80 10 N	Nickel
		100	90	10	TX85 90 10 L	Brass	MX80 90 10 N	Nickel
Knob european		L	A	B	Cam = 15 mm	Finish	Cam = 13,2 mm	Finish
		60	30	30	TX8B 30 30 L	Brass	MX8B 30 30 N	Nickel
		65	30	35	TX8B 30 35 L	Brass	MX8B 30 35 N	Nickel
		70	35	35	TX8B 35 35 L	Brass	MX8B 35 35 N	Nickel
		70	40	30	TX8B 40 30 L	Brass	MX8B 40 30 N	Nickel
		80	30	50	TX8B 30 50 L	Brass	MX8B 30 50 N	Nickel
		80	40	40	TX8B 40 40 L	Brass	MX8B 40 40 N	Nickel
		85	35	50	TX8B 35 50 L	Brass	MX8B 35 50 N	Nickel
		90	30	30	TX8BTB3030L	Brass	MX8BTB3030N	Nickel
		90	35	30	TX8BTB3530L	Brass	MX8BTB3530N	Nickel
European with assistant function		L	A	B	Cam = 15 mm	Finish	Cam = 15 mm	Finish
		60	30	30	TX85 30 30 LLIM	Brass	TX85 30 30 NLIM	Nickel
		70	30	40	TX85 30 40 LLIM	Brass	TX85 30 40 NLIM	Nickel
		70	35	35	TX85 35 35 LLIM	Brass	TX85 35 35 NLIM	Nickel
		80	40	40	TX85 40 40 LLIM	Brass	TX85 40 40 NLIM	Nickel
		90	40	50	TX85 40 50 LLIM	Brass	TX85 40 50 NLIM	Nickel
		90	45	45	TX85 45 45 LLIM	Brass	TX85 45 45 NLIM	Nickel

These cylinders are provided with 4 owner keys and one for the assistant. Both side A and B includes the function.

* To process "master keyed" and "key alike" orders add either AM or KA in each part number, respectively.

** The butler system lets operate with the key from the outside even if knob is blocked. Is a solution thought for schools, geriatrics.. etc.

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European profile

European modular			L	A	B	Exc. = 15 mm	Finish	Exc. = 15 mm	Finish
			140	--	--	TX855140LMD	Brass	TX855140NMD	Nickel
			145	--	--	TX855145LMD	Brass	TX855145NMD	Nickel
			150	--	--	TX855150LMD	Brass	TX855150NMD	Nickel
			155	--	--	TX855155LMD	Brass	TX855155NMD	Nickel
			160	--	--	TX855160LMD	Brass	TX855160NMD	Nickel
			165	--	--	TX855165LMD	Brass	TX855165NMD	Nickel
			170	--	--	TX855170LMD	Brass	TX855170NMD	Nickel
			175	--	--	TX855175LMD	Brass	TX855175NMD	Nickel
			180	--	--	TX855180LMD	Brass	TX855180NMD	Nickel
			185	--	--	TX855185LMD	Brass	TX855185NMD	Nickel
			190	--	--	TX855190LMD	Brass	TX855190NMD	Nickel
			195	--	--	TX855195LMD	Brass	TX855195NMD	Nickel
			200	--	--	TX855200LMD	Brass	TX855200NMD	Nickel

These part numbers are for modular cylinders assembled from the factory. Measurements for side A and B will be required when processing an order. The Cam, only if it is different to the standard (15 mm).

European modular heads (to be used with the modular cases)			L	A	B	-	Finish	-	Finish
			30	30	--	TX8530LMD	Brass	TX8530NMD	Níquel
			45	45	--	TX8545LMD	Brass	TX8545NMD	Níquel
			60	30	30	TX8560LMD	Brass	TX8560NMD	Níquel
			75	30	45	TX8575LMD	Brass	TX8575NMD	Níquel
			90	45	45	TX8590LMD	Brass	TX8590NMD	Níquel

Stainless European with antidust			L	A Antidust	B Key	Cam = 15 mm	Finish	Cam = 15 mm	Finish
			60	30	30	TX8G3030L	Brass	TX8G3030N	Nickel
			70	30	40	TX8G3040L	Brass	TX8G3040N	Nickel
			70	35	35	TX8G3535L	Brass	TX8G3535N	Nickel
			75	40	40	TX8G4040L	Brass	TX8G4040N	Nickel
			80	35	45	TX8G3545L	Brass	TX8G3545N	Nickel
			80	40	40	TX8G4040L	Brass	TX8G4040N	Nickel

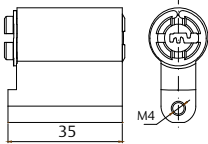
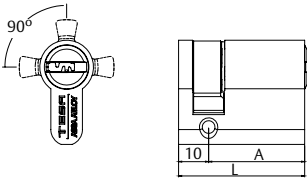
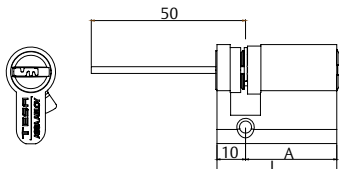
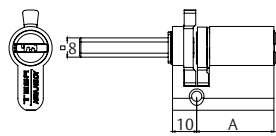
Stainless European with antidust			L	A Antidust	B Knob	Cam = 15 mm	Finish	Cam = 15 mm	Finish
			60	30	30	TX8G3030BL	Brass	TX8G3030BN	Nickel
			70	30	40	TX8G3040BL	Brass	TX8G3040BN	Nickel
			75	40	35	TX8G4035BL	Brass	TX8G4035BN	Nickel
			85	50	35	TX8G5035BL	Brass	TX8G5035BN	Nickel

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Padlock exchangeable	L	A	B	Product code	Finish
	-	-	-	TX85CL55L	Brass
	-	-	-	TX85CL55N	Nickel
Adjustable cam. Single profile (4 positions)	L	A	B	Product code	Finish
	40	30	10	TX8W3010L	Brass
	40	30	10	TX8W3010N	Nickel
Adjustable european cylinder	L	A	B	Product code	Finish
	40	30	10	TX8R3010L	Brass
	40	30	10	TX8R3010N	Nickel
	50	40	10	TX8R4010L	Brass
	50	40	10	TX8R4010N	Nickel
Euro cylinder for lock set 3520.	L	A	B	Product code	Finish
	40	30	10	TX82520L	Brass
	40	30	10	TX82520N	Nickel

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Round profiles

Round for TS lock sets		Ø	Inside length	Outside length	Product code	Finish
Inside		28	30	45	TX8TS40LC	Brass
		28	30	45	TX8TS40LT	Brass
Outside						
The ref. LC includes external shield and fixing plate.						

Round for TS lock sets		Ø	Inside length	Outside length	Product code	Finish
Inside		28	30	Adjustable	TX8TSRFLC	Brass
		28	30	Adjustable	TX8TSRFLT	Brass
Outside						
The ref. LC includes external shield and fixing plate.						

Multifort Lock		Ø	Inside length	Outside length	Product code	Finish
NEW		28	31	Adjustable	TX8TSCOLC	Brass
		28	31	Adjustable	TX8TSCOL	Brass
The reference that ends with ...COLC includes the external escutcheon.						

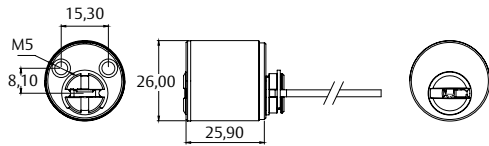
Adjustable round cylinder		Ø	Inside length	Outside length	Product code	Finish
		28	-	Adjustable	55TX85LT	Brass
		28	-	Adjustable	55TX85LN	Nickel

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Round profiles



* Tubes to extend the length of the cylinder are sold apart
Part number with "H" = AUMON / Serraller = "V"

Round for AUMON & Serraller locks		Ø	Inside length	Outside length	Product code	Finish
		26	-	Adjustable	TX85REGAUHL	Brass
		26	-	Adjustable	TX85REGAUHN	Nickel
		26	-	Adjustable	TX85REGAUVL	Brass
		26	-	Adjustable	TX85REGAUVN	Nickel
Accessories	Lenght				Product code	Finish
TUBE	22				TUB2526L22L	Brass
TUBE	22				TUB2526L22N	Nickel

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Round profiles

682		Metric	Type	Function	Product code	Finish
	23	Metric	Mechanic	-	682M23SE5NM	Nickel
	23	Metric	Mechanic	Withdrawal 2 positions	682M23TX802P	Nickel
	23	Metric	Electric	1 switch & return	682M23SE5CR	Nickel
	27	Metric	Mechanic	-	682TX8NM	Nickel
	27	Metric	Electric	1 micro switch	682TX81C	Nickel
	27	Metric	Electric	1 switch & return	682TX8CR	Nickel
	27	Metric	Electric	2 micro switches	682TX82C	Nickel

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