

Pextra Q Price List

GBP | 2025

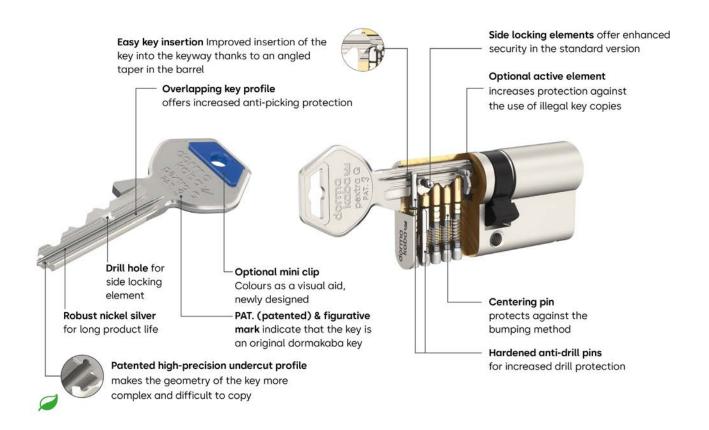


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pextra Q High Security Cylinders



Patent Protected until 2042

The new dormakaba pextra Q serrated key system provides multiple layers of protection for high-security serial lock cylinders and master key systems. The unique patent-protected, precision milled double undercut (branch groove) offers exceptional protection against illegal key duplication.

Manufactured to the highest engineering standards, its versatility makes it ideal for securing and organising access to any building – not only family homes and residential complexes, but also public buildings and industrial properties.

pextra Q cylinders have a high level of resistance to picking, bumping and drilling due to a number of antidrill pins throughout the whole of the cylinder and pinning chambers. This puts them among the most secure small lock cylinders available on the market.

Mastering Charge:	No charge*
Keyed Alike Cylinders:	No charge
Special Functions: Key Override (KO) Clutch Function Freewheel Cam (FZG) 123 Function (SUZ) Dust & Weather Cap (SSW) Cogwheel Cam (ZR)	£12.79 £15.68 £11.32 £28.49 £41.17 £9.49
Banham Conversion	£129.65
Classroom Function	£15.68

^{*}Mastering Fee waivered as part of pextra Q introductory offer. Normal Mastering Fee of £15.34 will be reinstated in 2025



pextra Q - Euro Single Cylinders

_	Finish	Cylinder Size	Part Number	Price
Euro Profile	Single Cyl	inders - Nickel Finish (Standard Colour)		
	Cylinder o	differ price, supplied with 2 keys. Measurements are from the centre of the cam.		
0 13	Nickel	31mm	23010600	41.75
-	Nickel	35mm	23010601	41.75
8	Nickel	40mm	23010602	46.44
	Nickel	45mm	23010603	65.26
	Nickel	50mm	23010604	69.97
	Nickel	55mm	23010605	74.67
	Nickel	60mm	23010606	79.36

Euro Profile S	Single Cylinders - Satin Brass Finish (Standard Colour)		
	Cylinder differ price, supplied with 2 keys. Measurements are from the centre of the cam.		
0 3	Satin Brass 31mm	23010607	41.75
	Satin Brass 35mm	23010608	41.75
8	Satin Brass 40mm	23010609	46.44
	Satin Brass 45mm	23010610	65.26
	Satin Brass 50mm	23010611	69.97
	Satin Brass 55mm	23010612	74.67
	Satin Brass 60mm	23010613	79.36



pextra Q - Euro Double Cylinders

	Finish	Cylinder Size	Part Number	Price
Euro Profile D	ouble Cy	rlinders - Nickel Finish (Standard Colour)		
	Cylinder o	liffer price, supplied with 2 keys. Measurements are from the centre of the cam.		
1	Nickel	31mm + 31mm	23010620	59.39
	Nickel	31mm + 35mm	23010621	64.09
	Nickel	31mm + 40mm	23010622	68.80
	Nickel	31mm + 45mm	23010623	73.50
	Nickel	31mm + 50mm	23010624	78.19
	Nickel	31mm + 55mm	23010625	82.89
	Nickel	31mm + 60mm	23010626	87.60
	Nickel	35mm + 35mm	23010627	59.39
	Nickel	35mm + 40mm	23010628	73.50
	Nickel	35mm + 45mm	23010629	78.19
	Nickel	35mm + 50mm	23010630	82.89
	Nickel	35mm + 55mm	23010631	87.60
	Nickel	35mm + 60mm	23010632	92.29
	Nickel	40mm + 40mm	23010633	64.09
	Nickel	40mm + 45mm	23010634	82.89
	Nickel	40mm + 50mm	23010635	87.60
	Nickel	40mm + 55mm	23010636	92.29
	Nickel	40mm + 60mm	23010637	96.99
	Nickel	45mm + 45mm	23010638	87.60
	Nickel	45mm + 50mm	23010639	92.29
	Nickel	45mm + 55mm	23010640	96.99
	Nickel	45mm + 60mm	23010641	101.70
	Nickel	50mm + 50mm	23010642	96.99
	Nickel	50mm + 55mm	23010643	101.70
	Nickel	50mm + 60mm	23010644	106.42
	Nickel	55mm + 55mm	23010645	106.42
	Nickel	55mm + 60mm	23010646	111.11
	Nickel	60mm + 60mm	23010647	115.82



pextra Q - Euro Double Cylinders

Finish C	Cylinder Size	Part Number	Price
Euro Profile Double Cyline	ders - Satin Brass Finish (Standard Colour)		
Cylinder differ	r price, supplied with 2 keys. Measurements are from the centre of the cam.		
Satin Brass 3	31mm + 31mm	23010648	59.39
Satin Brass 3	31mm + 35mm	23010649	64.09
Satin Brass 3	31mm + 40mm	23010650	68.80
Satin Brass 3	31mm + 45mm	23010651	73.50
Satin Brass 3	31mm + 50mm	23010652	78.19
Satin Brass 3	31mm + 55mm	23010653	82.89
Satin Brass 3	31mm + 60mm	23010654	87.60
Satin Brass 3	35mm + 35mm	23010655	59.39
Satin Brass 3	35mm + 40mm	23010656	73.50
Satin Brass 3	35mm + 45mm	23010657	78.19
Satin Brass 3	35mm + 50mm	23010658	82.89
Satin Brass 3	35mm + 55mm	23010659	87.60
Satin Brass 3	35mm + 60mm	23010660	92.29
Satin Brass 4	40mm + 40mm	23010661	64.09
Satin Brass 4	40mm + 45mm	23010662	82.89
Satin Brass 4	40mm + 50mm	23010663	87.60
Satin Brass 4	40mm + 55mm	23010664	92.29
Satin Brass 4	40mm + 60mm	23010665	96.99
Satin Brass 4	45mm + 45mm	23010666	87.60
Satin Brass 4	45mm + 50mm	23010667	92.29
Satin Brass 4	45mm + 55mm	23010668	96.99
Satin Brass 4	45mm + 60mm	23010669	101.70
Satin Brass 5	50mm + 50mm	23010670	96.99
Satin Brass 5	50mm + 55mm	23010671	101.70
Satin Brass 5	50mm + 60mm	23010672	106.42
Satin Brass 5	55mm + 55mm	23010673	106.42
Satin Brass 5	55mm + 60mm	23010674	111.11
Satin Brass 6	50mm + 60mm	23010675	115.82



	Finish	Cylinder Size	Part Number	Price
Euro Profile v	vith Roun	d Thumbturns - Nickel Finish (Standard Colour)		
	Cylinder d	iffer price, supplied with 2 keys. Measurements are from the centre of the cam.		
	Nickel	31mm key + 31mm turn	23010682	54.93
	Nickel	31mm key + 35mm turn	23010683	69.04
	Nickel	31mm key + 40mm turn	23010684	73.73
	Nickel	31mm key + 45mm turn	23010685	78.44
	Nickel	31mm key + 50mm turn	23010686	83.13
	Nickel	31mm key + 55mm turn	23010687	87.84
	Nickel	31mm key + 60mm turn	23010688	92.54
	Nickel	35mm key + 31mm turn	23010689	69.04
	Nickel	35mm key + 35mm turn	23010690	54.93
	Nickel 	35mm key + 40mm turn	23010691	78.44
	Nickel 	35mm key + 45mm turn	23010692	83.13
	Nickel	35mm key + 50mm turn	23010693	87.84
	Nickel	35mm key + 55mm turn	23010694	92.54
	Nickel	35mm key + 60mm turn	23010695	97.23
	Nickel	40mm key + 31mm turn	23010696	73.73
	Nickel	40mm key + 35mm turn	23010697	78.44
	Nickel	40mm key + 40mm turn	23010698	59.64
	Nickel	40mm key + 45mm turn	23010699	87.84
	Nickel	40mm key + 50mm turn	23010700	92.54
	Nickel	40mm key + 55mm turn	23010701	97.23
	Nickel	40mm key + 60mm turn	23010702	101.94
	Nickel	45mm key + 31mm turn	23010703	78.44
	Nickel	45mm key + 35mm turn	23010704	83.13
	Nickel	45mm key + 40mm turn	23010705	87.84
	Nickel	45mm key + 45mm turn	23010706	92.54
	Nickel	45mm key + 50mm turn	23010707	97.23
	Nickel	45mm key + 55mm turn	23010708	101.94
	Nickel	45mm key + 60mm turn	23010709	106.64
	Nickel	50mm key + 31mm turn	23010710	83.13
	Nickel	50mm key + 35mm turn	23010711	87.84
	Nickel	50mm key + 40mm turn	23010712	92.54
	Nickel	50mm key + 45mm turn	23010713	97.23
	Nickel	50mm key + 50mm turn	23010714	101.94
	Nickel	50mm key + 55mm turn	23010715	106.64
	Nickel	50mm key + 60mm turn	23010716	111.36
	Nickel	55mm key + 31mm turn	23010717	87.84
	Nickel	55mm key + 35mm turn	23010718	92.54



Finish	Cylinder Size	Part Number	Price
Nickel	55mm key + 40mm turn	23010719	97.23
Nickel	55mm key + 45mm turn	23010720	101.94
Nickel	55mm key + 50mm turn	23010721	106.64
Nickel	55mm key + 55mm turn	23010722	111.36
Nickel	55mm key + 60mm turn	23010723	116.04
Nickel	60mm key + 31mm turn	23010724	92.54
Nickel	60mm key + 35mm turn	23010725	97.23
Nickel	60mm key + 40mm turn	23010726	101.94
Nickel	60mm key + 45mm turn	23010727	106.64
Nickel	60mm key + 50mm turn	23010728	111.36
Nickel	60mm key + 55mm turn	23010729	116.04
Nickel	60mm key + 60mm turn	23010730	120.74



	Finish	Cylinder Size	Part Number	Price
Euro Profile v	with Round	Thumbturns - Satin Brass Finish (Standard Colour)		
	Cylinder dif	fer price, supplied with 2 keys. Measurements are from the centre of the cam.		
	Satin Brass	31mm key + 31mm turn	23010731	54.93
	Satin Brass	31mm key + 35mm turn	23010732	69.04
	Satin Brass	31mm key + 40mm turn	23010733	73.73
	Satin Brass	31mm key + 45mm turn	23010734	78.44
	Satin Brass	31mm key + 50mm turn	23010735	83.13
	Satin Brass	31mm key + 55mm turn	23010736	87.84
	Satin Brass	31mm key + 60mm turn	23010737	92.54
	Satin Brass	35mm key + 31mm turn	23010738	69.04
	Satin Brass	35mm key + 35mm turn	23010739	54.93
	Satin Brass	35mm key + 40mm turn	23010740	78.44
	Satin Brass	35mm key + 45mm turn	23010741	83.13
	Satin Brass	35mm key + 50mm turn	23010742	87.84
	Satin Brass	35mm key + 55mm turn	23010743	92.54
	Satin Brass	35mm key + 60mm turn	23010744	97.23
	Satin Brass	40mm key + 31mm turn	23010745	73.73
	Satin Brass	40mm key + 35mm turn	23010746	78.44
	Satin Brass	40mm key + 40mm turn	23010747	59.64
	Satin Brass	40mm key + 45mm turn	23010748	87.84
	Satin Brass	40mm key + 50mm turn	23010749	92.54
	Satin Brass	40mm key + 55mm turn	23010750	97.23
	Satin Brass	40mm key + 60mm turn	23010751	101.94
	Satin Brass	45mm key + 31mm turn	23010752	78.44
	Satin Brass	45mm key + 35mm turn	23010753	83.13
	Satin Brass	45mm key + 40mm turn	23010754	87.84
	Satin Brass	45mm key + 45mm turn	23010755	92.54
	Satin Brass	45mm key + 50mm turn	23010756	97.23
	Satin Brass	45mm key + 55mm turn	23010757	101.94
	Satin Brass	45mm key + 60mm turn	23010758	106.64
	Satin Brass	50mm key + 31mm turn	23010759	83.13
	Satin Brass	50mm key + 35mm turn	23010760	87.84
	Satin Brass	50mm key + 40mm turn	23010761	92.54
	Satin Brass	50mm key + 45mm turn	23010762	97.23
	Satin Brass	50mm key + 50mm turn	23010763	101.94
	Satin Brass	50mm key + 55mm turn	23010764	106.64
	Satin Brass	50mm key + 60mm turn	23010765	111.36
	Satin Brass	55mm key + 31mm turn	23010766	87.84
	Satin Brass	55mm key + 35mm turn	23010767	92.54



Finish	Cylinder Size	Part Number	Price
Satin Brass	55mm key + 40mm turn	23010768	97.23
Satin Brass	55mm key + 45mm turn	23010769	101.94
Satin Brass	55mm key + 50mm turn	23010770	106.64
Satin Brass	55mm key + 55mm turn	23010771	111.36
Satin Brass	55mm key + 60mm turn	23010772	116.04
Satin Brass	60mm key + 31mm turn	23010773	92.54
Satin Brass	60mm key + 35mm turn	23010774	97.23
Satin Brass	60mm key + 40mm turn	23010775	101.94
Satin Brass	60mm key + 45mm turn	23010776	106.64
Satin Brass	60mm key + 50mm turn	23010777	111.36
Satin Brass	60mm key + 55mm turn	23010778	116.04
Satin Brass	60mm key + 60mm turn	23010779	120.74



	Finish	Cylinder Size	Part Number	Price
Euro Profile w	ith Archi	tectural Thumbturns - Nickel Finish (Standard Colour)		
	Cylinder di	ffer price, supplied with 2 keys. Measurements are from the centre of the cam.		
	Nickel	31mm key + 31mm turn	23010780	54.93
	Nickel	31mm key + 35mm turn	23010781	69.04
	Nickel	31mm key + 40mm turn	23010782	73.73
	Nickel	31mm key + 45mm turn	23010783	78.44
	Nickel	31mm key + 50mm turn	23010784	83.13
	Nickel	31mm key + 55mm turn	23010785	87.84
	Nickel Nickel	31mm key + 60mm turn	23010786	92.54
	Nickel	35mm key + 31mm turn 35mm key + 35mm turn	23010787	69.04
	Nickel	35mm key + 40mm turn	23010789	78.44
	Nickel	35mm key + 45mm turn	23010790	83.13
	Nickel	35mm key + 50mm turn	23010791	87.84
	Nickel	35mm key + 55mm turn	23010792	92.54
	Nickel	35mm key + 60mm turn	23010793	97.23
		40mm key + 31mm turn	23010794	73.73
		40mm key + 35mm turn	23010795	78.44
	Nickel	40mm key + 40mm turn	23010796	59.64
	Nickel	40mm key + 45mm turn	23010797	87.84
	Nickel	40mm key + 50mm turn	23010798	92.54
	Nickel	40mm key + 55mm turn	23010799	97.23
	Nickel	40mm key + 60mm turn	23010800	101.94
	Nickel	45mm key + 31mm turn	23010801	78.44
	Nickel	45mm key + 35mm turn	23010802	83.13
	Nickel	45mm key + 40mm turn	23010803	87.84
	Nickel	45mm key + 45mm turn	23010804	92.54
	Nickel	45mm key + 50mm turn	23010805	97.23
	Nickel	45mm key + 55mm turn	23010806	101.94
	Nickel	45mm key + 60mm turn	23010807	106.64
	Nickel	50mm key + 31mm turn	23010808	83.13
	Nickel	50mm key + 35mm turn	23010809	87.84
	Nickel	50mm key + 40mm turn	23010810	92.54
	Nickel	50mm key + 45mm turn	23010811	97.23
	Nickel	50mm key + 50mm turn	23010812	101.94
	Nickel	50mm key + 55mm turn	23010813	106.64
	Nickel	50mm key + 60mm turn	23010814	111.36
	Nickel	55mm key + 31mm turn	23010815	87.84
	Nickel	55mm key + 35mm turn	23010816	92.54



Finish	Cylinder Size	Part Number	Price
Nickel	55mm key + 40mm turn	23010817	97.23
Nickel	55mm key + 45mm turn	23010818	101.94
Nickel	55mm key + 50mm turn	23010819	106.64
Nickel	55mm key + 55mm turn	23010820	111.36
Nickel	55mm key + 60mm turn	23010821	116.04
Nickel	60mm key + 31mm turn	23010822	92.54
Nickel	60mm key + 35mm turn	23010823	97.23
Nickel	60mm key + 40mm turn	23010824	101.94
Nickel	60mm key + 45mm turn	23010825	106.64
Nickel	60mm key + 50mm turn	23010826	111.36
Nickel	60mm key + 55mm turn	23010827	116.04
Nickel	60mm key + 60mm turn	23010828	120.74



Composition Composition		Finish	Cylinder Size	Part Number	Price
Setin Brass 3 Imm key + 3 Imm turn 23010829 54,93 Setin Brass 3 Imm key + 4 Smm turn 23010830 69,04 Sotin Brass 3 Imm key + 4 Smm turn 23010831 78,44 Sotin Brass 3 Imm key + 4 Smm turn 23010833 83,13 Sotin Brass 3 Imm key + 5 Dmm turn 23010834 82,13 Sotin Brass 3 Imm key + 5 Dmm turn 23010835 92,54 Sotin Brass 3 Imm key + 5 Imm turn 23010836 92,54 Sotin Brass 3 Smm key + 5 Imm turn 23010837 54,93 Sotin Brass 3 Smm key + 5 Imm turn 23010838 78,44 Sotin Brass 3 Smm key + 5 Imm turn 23010839 85,13 Sotin Brass 3 Smm key + 5 Imm turn 23010839 85,13 Sotin Brass 3 Smm key + 5 Imm turn 23010840 87,84 Sotin Brass 3 Smm key + 5 Smm turn 23010840 87,84 Sotin Brass 3 Smm key + 5 Smm turn 23010840 87,84 Sotin Brass 4 Omm key + 5 Smm turn 23010840 87,84	Euro Profile wi	ith Archite	ectural Thumbturns - Satin Brass Finish (Standard Colour)		
Satin Brass 3 Timm key + 35mm turn 23010830 66,04 Satin Brass 3 Timm key + 40mm turn 23010831 73,73 Satin Brass 3 Timm key + 45mm turn 23010832 78,44 Satin Brass 3 Timm key + 50mm turn 23010833 83,13 Satin Brass 3 Timm key + 50mm turn 23010836 62,04 Satin Brass 3 Timm key + 50mm turn 23010837 64,04 Satin Brass 3 Simm key + 3 Simm turn 23010837 54,93 Satin Brass 3 Simm key + 3 Simm turn 23010837 54,93 Satin Brass 3 Simm key + 4 Simm turn 23010838 83,13 Satin Brass 3 Simm key + 4 Simm turn 23010839 83,13 Satin Brass 3 Simm key + 4 Simm turn 23010843 78,84 Satin Brass 3 Simm key + 4 Simm turn 23010846 87,84 Satin Brass 3 Simm key + 5 Simm turn 23010840 87,84 Satin Brass 3 Conn key + 4 Simm turn 23010842 97,25 Satin Brass 4 Conn key + 5 Simm turn 23010844		Cylinder diff	fer price, supplied with 2 keys. Measurements are from the centre of the cam.		
Satin Brass 3 Imm key + 40mm turn 23010831 73.73 Satin Brass 3 Imm key + 56mm turn 23010832 78,44 Satin Brass 3 Imm key + 56mm turn 23010833 83,15 Satin Brass 3 Imm key + 56mm turn 23010833 82,18 Satin Brass 3 Imm key + 60mm turn 23010835 92,54 Satin Brass 3 5mm key + 56mm turn 23010836 92,54 Satin Brass 3 5mm key + 40mm turn 23010837 54,93 Satin Brass 3 5mm key + 45mm turn 23010839 83,13 Satin Brass 3 5mm key + 45mm turn 23010839 83,13 Satin Brass 3 5mm key + 45mm turn 23010841 97,24 Satin Brass 3 5mm key + 55mm turn 23010841 97,25 Satin Brass 40mm key + 51mm turn 23010842 97,25 Satin Brass 40mm key + 54mm turn 23010843 78,44 Satin Brass 40mm key + 54mm turn 23010845 59,64 Satin Brass 40mm key + 54mm turn 23010845 59,64				23010829	54.93
Satin Brass 3 1mm key + 46mm turn 23010832 78,44 Satin Brass 3 1mm key + 56mm turn 23010833 83,13 Satin Brass 3 1mm key + 56mm turn 23010835 92,54 Satin Brass 3 5mm key + 55mm turn 23010836 69,04 Satin Brass 3 5mm key + 5 5mm turn 23010837 56,03 Satin Brass 3 5mm key + 4 4mm turn 23010837 78,44 Satin Brass 3 5mm key + 4 4mm turn 23010837 78,44 Satin Brass 3 5mm key + 4 4mm turn 23010839 83,13 Satin Brass 3 5mm key + 5 5mm turn 23010849 87,24 Satin Brass 3 5mm key + 5 5mm turn 23010840 87,24 Satin Brass 3 5mm key + 5 5mm turn 23010842 97,23 Satin Brass 4 0 mm key + 5 5mm turn 23010842 97,23 Satin Brass 4 0 mm key + 5 5mm turn 23010842 97,23 Satin Brass 4 0 mm key + 5 5mm turn 23010844 78,44 Satin Brass 4 0 mm key + 5 5mm turn 23010844 78,44		Satin Brass	31mm key + 35mm turn	23010830	69.04
Sotin Bross 3 1mm key + 50mm turn 23010833 85.113 Sotin Bross 3 1mm key + 56mm turn 23010834 87.84 Sotin Bross 3 1mm key + 56mm turn 23010835 92.54 Sotin Bross 35mm key + 51mm turn 23010836 69.04 Sotin Bross 35mm key + 55mm turn 23010837 54.93 Sotin Bross 35mm key + 45mm turn 23010838 78.44 Sotin Bross 35mm key + 45mm turn 23010839 85.13 Sotin Bross 35mm key + 55mm turn 23010840 87.84 Sotin Bross 35mm key + 55mm turn 23010841 92.54 Sotin Bross 35mm key + 55mm turn 23010842 97.23 Sotin Bross 40mm key + 55mm turn 23010843 73.73 Sotin Bross 40mm key + 55mm turn 23010844 78.44 Sotin Bross 40mm key + 45mm turn 23010845 59.64 Sotin Bross 40mm key + 45mm turn 23010846 59.64 Sotin Bross 40mm key + 45mm turn 23010846 79.23		Satin Brass	31mm key + 40mm turn	23010831	73.73
Satin Bross 31mm key + 55mm turn 23010834 87.84 Satin Bross 31mm key + 50mm turn 23010835 92.54 Satin Bross 35mm key + 31mm turn 23010835 92.54 Satin Bross 35mm key + 55mm turn 23010837 54.93 Satin Bross 35mm key + 45mm turn 23010838 78.44 Satin Bross 35mm key + 50mm turn 23010839 83.13 Satin Bross 35mm key + 50mm turn 23010840 87.84 Satin Bross 35mm key + 50mm turn 23010841 92.54 Satin Bross 35mm key + 50mm turn 23010842 97.23 Satin Bross 40mm key + 55mm turn 23010842 97.23 Satin Bross 40mm key + 45mm turn 23010844 78.44 Satin Bross 40mm key + 45mm turn 23010845 59.64 Satin Bross 40mm key + 45mm turn 23010846 87.84 Satin Bross 40mm key + 55mm turn 23010846 87.84 Satin Bross 40mm key + 50mm turn 23010847 92.54 <t< td=""><td></td><td>Satin Brass</td><td>31mm key + 45mm turn</td><td>23010832</td><td>78.44</td></t<>		Satin Brass	31mm key + 45mm turn	23010832	78.44
Sotin Bross 3 15mm key + 40mm turn 23010835 92,54 Sotin Bross 35mm key + 35mm turn 23010836 69,04 Sotin Bross 35mm key + 35mm turn 23010837 54,93 Sotin Bross 35mm key + 45mm turn 23010838 78,44 Sotin Bross 35mm key + 45mm turn 23010839 83,13 Sotin Bross 35mm key + 55mm turn 23010840 87,84 Sotin Bross 35mm key + 55mm turn 23010841 92,54 Sotin Bross 35mm key + 55mm turn 23010842 97,23 Sotin Bross 40mm key + 51mm turn 23010843 73,73 Sotin Bross 40mm key + 40mm turn 23010844 78,44 Sotin Bross 40mm key + 40mm turn 23010845 89,64 Sotin Bross 40mm key + 40mm turn 23010846 87,84 Sotin Bross 40mm key + 55mm turn 23010847 92,54 Sotin Bross 40mm key + 55mm turn 23010848 97,23 Sotin Bross 45mm key + 55mm turn 23010850 78,44		Satin Brass	31mm key + 50mm turn	23010833	83.13
Sotin Bross 35mm key + 31mm turn 23010836 69 04 Sotin Bross 35mm key + 35mm turn 23010837 54.93 Sotin Bross 35mm key + 45mm turn 23010838 78.44 Sotin Bross 35mm key + 45mm turn 23010839 83.13 Sotin Bross 35mm key + 55mm turn 23010840 87.84 Sotin Bross 35mm key + 55mm turn 23010842 97.23 Sotin Bross 35mm key + 40mm turn 23010843 73.73 Sotin Bross 40mm key + 43mm turn 23010844 78.44 Sotin Bross 40mm key + 40mm turn 23010845 59.64 Sotin Bross 40mm key + 45mm turn 23010846 87.84 Sotin Bross 40mm key + 55mm turn 23010847 92.54 Sotin Bross 40mm key + 55mm turn 23010849 101.94 Sotin Bross 40mm key + 55mm turn 23010850 78.44 Sotin Bross 45mm key + 50mm turn 23010851 83.13 Sotin Bross 45mm key + 50mm turn 23010852 87.84 <		Satin Brass	31mm key + 55mm turn	23010834	87.84
Sotin Bross 35mm key + 40mm turn 23010837 54, 93 Sotin Bross 35mm key + 40mm turn 23010838 78,44 Sotin Bross 35mm key + 45mm turn 23010840 87,84 Sotin Bross 35mm key + 55mm turn 23010841 92,54 Sotin Bross 35mm key + 55mm turn 23010842 97,23 Sotin Bross 40mm key + 31mm turn 23010843 73,73 Sotin Bross 40mm key + 35mm turn 23010844 78,44 Sotin Bross 40mm key + 35mm turn 23010845 59,64 Sotin Bross 40mm key + 45mm turn 23010846 87,84 Sotin Bross 40mm key + 45mm turn 23010846 87,84 Sotin Bross 40mm key + 45mm turn 23010848 97,23 Sotin Bross 40mm key + 55mm turn 23010848 97,23 Sotin Bross 45mm key + 35mm turn 23010850 78,44 Sotin Bross 45mm key + 45mm turn 23010850 78,44 Sotin Bross 45mm key + 40mm turn 23010851 83,13 <				23010835	92.54
Satin Brass 35mm key + 40mm turn 23010838 78,44 Satin Brass 35mm key + 45mm turn 23010839 83,13 Satin Brass 35mm key + 55mm turn 23010840 87,84 Satin Brass 35mm key + 55mm turn 23010841 92,54 Satin Brass 35mm key + 56mm turn 23010842 97,23 Satin Brass 40mm key + 51mm turn 23010843 73,73 Satin Brass 40mm key + 35mm turn 23010844 78,44 Satin Brass 40mm key + 40mm turn 23010845 59,64 Satin Brass 40mm key + 45mm turn 23010845 59,64 Satin Brass 40mm key + 45mm turn 23010846 87,84 Satin Brass 40mm key + 55mm turn 23010849 101,94 Satin Brass 45mm key + 55mm turn 23010850 78,44 Satin Brass 45mm key + 31mm turn 23010850 78,44 Satin Brass 45mm key + 45mm turn 23010850 78,84 Satin Brass 45mm key + 45mm turn 23010850 78,84 <		Satin Brass	35mm key + 31mm turn	23010836	69.04
Satin Brass 35mm key + 45mm turn 23010839 83,13 Satin Brass 35mm key + 55mm turn 23010840 87,84 Satin Brass 35mm key + 55mm turn 23010841 92,54 Satin Brass 35mm key + 60mm turn 23010842 97,23 Satin Brass 40mm key + 31mm turn 23010843 73,73 Satin Brass 40mm key + 35mm turn 23010844 78,44 Satin Brass 40mm key + 45mm turn 23010845 59,64 Satin Brass 40mm key + 45mm turn 23010846 87,84 Satin Brass 40mm key + 55mm turn 23010847 92,54 Satin Brass 40mm key + 55mm turn 23010849 101,94 Satin Brass 45mm key + 55mm turn 23010849 101,94 Satin Brass 45mm key + 55mm turn 23010850 78,44 Satin Brass 45mm key + 45mm turn 23010851 83,13 Satin Brass 45mm key + 45mm turn 23010852 87,84 Satin Brass 45mm key + 45mm turn 23010855 101,94					54.93
Satin Brass 35mm key + 50mm turn 23010840 87.84 Satin Brass 35mm key + 55mm turn 23010841 92.54 Satin Brass 35mm key + 60mm turn 23010842 97.23 Satin Brass 40mm key + 31mm turn 23010843 73.73 Satin Brass 40mm key + 35mm turn 23010844 78.44 Satin Brass 40mm key + 40mm turn 23010845 59.64 Satin Brass 40mm key + 40mm turn 23010846 87.84 Satin Brass 40mm key + 50mm turn 23010847 92.54 Satin Brass 40mm key + 55mm turn 23010848 97.23 Satin Brass 40mm key + 50mm turn 23010849 101.94 Satin Brass 45mm key + 31mm turn 23010850 78.44 Satin Brass 45mm key + 40mm turn 23010851 83.13 Satin Brass 45mm key + 45mm turn 23010852 87.84 Satin Brass 45mm key + 55mm turn 23010855 101.94 Satin Brass 45mm key + 50mm turn 23010855 101.94		Satin Brass	35mm key + 40mm turn	23010838	78.44
Satin Brass 35mm key + 55mm turn 23010841 92.54 Satin Brass 35mm key + 60mm turn 23010842 97.23 Satin Brass 40mm key + 31mm turn 23010843 73.75 Satin Brass 40mm key + 35mm turn 23010844 78.44 Satin Brass 40mm key + 40mm turn 23010845 59.64 Satin Brass 40mm key + 45mm turn 23010846 87.84 Satin Brass 40mm key + 55mm turn 23010847 92.54 Satin Brass 40mm key + 55mm turn 23010848 97.23 Satin Brass 40mm key + 60mm turn 23010849 101.94 Satin Brass 45mm key + 31mm turn 23010850 78.44 Satin Brass 45mm key + 40mm turn 23010851 83.13 Satin Brass 45mm key + 40mm turn 23010852 87.84 Satin Brass 45mm key + 55mm turn 23010853 92.54 Satin Brass 50mm key + 55mm turn 23010855 101.94 Satin Brass 50mm key + 50mm turn 23010855 101.94 Satin Brass 50mm key + 50mm turn 23010856 97.23		Satin Brass	35mm key + 45mm turn	23010839	83.13
Satin Brass 35mm key + 60mm turn 23010842 97.23 Satin Brass 40mm key + 31mm turn 23010843 73.73 Satin Brass 40mm key + 35mm turn 23010844 78.44 Satin Brass 40mm key + 40mm turn 23010845 59.64 Satin Brass 40mm key + 45mm turn 23010846 87.84 Satin Brass 40mm key + 50mm turn 23010847 92.54 Satin Brass 40mm key + 55mm turn 23010848 97.23 Satin Brass 40mm key + 55mm turn 23010849 101.94 Satin Brass 45mm key + 31mm turn 23010850 78.44 Satin Brass 45mm key + 35mm turn 23010851 83.13 Satin Brass 45mm key + 45mm turn 23010852 87.84 Satin Brass 45mm key + 45mm turn 23010853 92.54 Satin Brass 45mm key + 55mm turn 23010854 97.23 Satin Brass 45mm key + 55mm turn 23010855 101.94 Satin Brass 50mm key + 35mm turn 23010856 106.64 Satin Brass 50mm key + 35mm turn 23010859 92.54		Satin Brass	35mm key + 50mm turn	23010840	87.84
Satin Brass 40mm key + 31mm turn 23010843 73.73 Satin Brass 40mm key + 35mm turn 23010844 78.44 Satin Brass 40mm key + 40mm turn 23010845 59.64 Satin Brass 40mm key + 45mm turn 23010846 87.84 Satin Brass 40mm key + 50mm turn 23010847 92.54 Satin Brass 40mm key + 55mm turn 23010848 97.23 Satin Brass 40mm key + 60mm turn 23010849 101.94 Satin Brass 45mm key + 31mm turn 23010850 78.44 Satin Brass 45mm key + 35mm turn 23010851 83.13 Satin Brass 45mm key + 40mm turn 23010852 87.84 Satin Brass 45mm key + 55mm turn 23010853 92.54 Satin Brass 45mm key + 55mm turn 23010855 101.94 Satin Brass 45mm key + 55mm turn 23010855 106.64 Satin Brass 50mm key + 35mm turn 23010859 92.54 Satin Brass 50mm key + 35mm turn 23010859 92.54 Satin Brass 50mm key + 45mm turn 23010860 97.23		Satin Brass	35mm key + 55mm turn	23010841	92.54
Sotin Brass 40mm key + 35mm turn 23010844 78.44 Sotin Brass 40mm key + 40mm turn 23010845 59.64 Sotin Brass 40mm key + 45mm turn 23010846 87.84 Sotin Brass 40mm key + 55mm turn 23010847 92.54 Sotin Brass 40mm key + 55mm turn 23010848 97.23 Sotin Brass 40mm key + 40mm turn 23010849 101.94 Sotin Brass 45mm key + 35mm turn 23010850 78.44 Sotin Brass 45mm key + 35mm turn 23010851 83.13 Sotin Brass 45mm key + 40mm turn 23010852 87.84 Sotin Brass 45mm key + 45mm turn 23010853 92.54 Sotin Brass 45mm key + 55mm turn 23010854 97.23 Sotin Brass 45mm key + 55mm turn 23010855 101.94 Sotin Brass 50mm key + 31mm turn 23010856 106.64 Sotin Brass 50mm key + 45mm turn 23010869 92.54 Sotin Brass 50mm key + 45mm turn 23010860 97.23 Sotin Brass 50mm key + 55mm turn 23010861 101.94 <td></td> <td>Satin Brass</td> <td>35mm key + 60mm turn</td> <td>23010842</td> <td>97.23</td>		Satin Brass	35mm key + 60mm turn	23010842	97.23
Satin Brass 40mm key + 45mm turn 23010845 59.64 Satin Brass 40mm key + 45mm turn 23010846 87.84 Satin Brass 40mm key + 55mm turn 23010847 92.54 Satin Brass 40mm key + 55mm turn 23010848 97.23 Satin Brass 40mm key + 60mm turn 23010849 101.94 Satin Brass 45mm key + 51mm turn 23010850 78.44 Satin Brass 45mm key + 35mm turn 23010851 83.13 Satin Brass 45mm key + 40mm turn 23010852 87.84 Satin Brass 45mm key + 45mm turn 23010853 92.54 Satin Brass 45mm key + 55mm turn 23010854 97.23 Satin Brass 45mm key + 55mm turn 23010856 106.64 Satin Brass 50mm key + 31mm turn 23010856 106.64 Satin Brass 50mm key + 45mm turn 23010858 87.84 Satin Brass 50mm key + 45mm turn 23010860 97.23 Satin Brass 50mm key + 45mm turn 23010861 101.94 Satin Brass 50mm key + 55mm turn 23010862 106.64 <td></td> <td>Satin Brass</td> <td>40mm key + 31mm turn</td> <td>23010843</td> <td>73.73</td>		Satin Brass	40mm key + 31mm turn	23010843	73.73
Satin Brass 40mm key + 45mm turn 23010846 87.84 Satin Brass 40mm key + 50mm turn 23010847 92.54 Satin Brass 40mm key + 55mm turn 23010848 97.23 Satin Brass 40mm key + 60mm turn 23010849 101.94 Satin Brass 45mm key + 31mm turn 23010850 78.44 Satin Brass 45mm key + 35mm turn 23010851 83.13 Satin Brass 45mm key + 40mm turn 23010852 87.84 Satin Brass 45mm key + 45mm turn 23010853 92.54 Satin Brass 45mm key + 50mm turn 23010854 97.23 Satin Brass 45mm key + 55mm turn 23010855 101.94 Satin Brass 50mm key + 31mm turn 23010856 106.64 Satin Brass 50mm key + 35mm turn 23010858 87.84 Satin Brass 50mm key + 45mm turn 23010869 97.23 Satin Brass 50mm key + 55mm turn 23010860 97.23 Satin Brass 50mm key + 55mm turn 23010862 106.64 Satin Brass 50mm key + 60mm turn 23010863 111.36 <td></td> <td>Satin Brass</td> <td>40mm key + 35mm turn</td> <td>23010844</td> <td>78.44</td>		Satin Brass	40mm key + 35mm turn	23010844	78.44
Satin Brass 40mm key + 50mm turn 23010847 92.54 Satin Brass 40mm key + 55mm turn 23010848 97.23 Satin Brass 40mm key + 60mm turn 23010849 101.94 Satin Brass 45mm key + 31mm turn 23010850 78.44 Satin Brass 45mm key + 35mm turn 23010851 83.13 Satin Brass 45mm key + 40mm turn 23010852 87.84 Satin Brass 45mm key + 45mm turn 23010853 92.54 Satin Brass 45mm key + 55mm turn 23010854 97.23 Satin Brass 45mm key + 55mm turn 23010855 101.94 Satin Brass 50mm key + 60mm turn 23010856 106.64 Satin Brass 50mm key + 35mm turn 23010857 83.13 Satin Brass 50mm key + 45mm turn 23010858 87.84 Satin Brass 50mm key + 45mm turn 23010860 97.23 Satin Brass 50mm key + 55mm turn 23010860 97.23 Satin Brass 50mm key + 55mm turn 23010861 101.94 Satin Brass 50mm key + 50mm turn 23010863 111.36 <td></td> <td>Satin Brass</td> <td>40mm key + 40mm turn</td> <td>23010845</td> <td>59.64</td>		Satin Brass	40mm key + 40mm turn	23010845	59.64
Satin Brass 40mm key + 55mm turn 23010848 97.23 Satin Brass 40mm key + 60mm turn 23010849 101.94 Satin Brass 45mm key + 31mm turn 23010850 78.44 Satin Brass 45mm key + 35mm turn 23010851 83.13 Satin Brass 45mm key + 40mm turn 23010852 87.84 Satin Brass 45mm key + 45mm turn 23010853 92.54 Satin Brass 45mm key + 50mm turn 23010854 97.23 Satin Brass 45mm key + 55mm turn 23010855 101.94 Satin Brass 45mm key + 50mm turn 23010856 106.64 Satin Brass 50mm key + 31mm turn 23010857 83.13 Satin Brass 50mm key + 40mm turn 23010858 87.84 Satin Brass 50mm key + 45mm turn 23010860 97.23 Satin Brass 50mm key + 55mm turn 23010861 101.94 Satin Brass 50mm key + 55mm turn 23010862 106.64 Satin Brass 50mm key + 50mm turn 23010863 111.36 Satin Brass 50mm key + 50mm turn 23010863 111.36 <		Satin Brass	40mm key + 45mm turn	23010846	87.84
Satin Brass 40mm key + 60mm turn 23010849 101.94 Satin Brass 45mm key + 31mm turn 23010850 78.44 Satin Brass 45mm key + 35mm turn 23010851 83.13 Satin Brass 45mm key + 40mm turn 23010852 87.84 Satin Brass 45mm key + 45mm turn 23010853 92.54 Satin Brass 45mm key + 55mm turn 23010854 97.23 Satin Brass 45mm key + 55mm turn 23010855 101.94 Satin Brass 50mm key + 60mm turn 23010856 106.64 Satin Brass 50mm key + 31mm turn 23010857 83.13 Satin Brass 50mm key + 40mm turn 23010858 87.84 Satin Brass 50mm key + 45mm turn 23010859 92.54 Satin Brass 50mm key + 45mm turn 23010860 97.23 Satin Brass 50mm key + 55mm turn 23010861 101.94 Satin Brass 50mm key + 55mm turn 23010862 106.64 Satin Brass 50mm key + 55mm turn 23010863 111.36 Satin Brass 55mm key + 51mm turn 23010864 87.84 </td <td></td> <td>Satin Brass</td> <td>40mm key + 50mm turn</td> <td>23010847</td> <td>92.54</td>		Satin Brass	40mm key + 50mm turn	23010847	92.54
Satin Brass 45mm key + 31mm turn 23010850 78.44 Satin Brass 45mm key + 35mm turn 23010851 83.13 Satin Brass 45mm key + 40mm turn 23010852 87.84 Satin Brass 45mm key + 45mm turn 23010853 92.54 Satin Brass 45mm key + 50mm turn 23010854 97.23 Satin Brass 45mm key + 55mm turn 23010855 101.94 Satin Brass 50mm key + 60mm turn 23010856 106.64 Satin Brass 50mm key + 31mm turn 23010857 83.13 Satin Brass 50mm key + 40mm turn 23010858 87.84 Satin Brass 50mm key + 45mm turn 23010859 92.54 Satin Brass 50mm key + 45mm turn 23010860 97.23 Satin Brass 50mm key + 55mm turn 23010861 101.94 Satin Brass 50mm key + 55mm turn 23010862 106.64 Satin Brass 50mm key + 55mm turn 23010863 111.36 Satin Brass 50mm key + 60mm turn 23010864 87.84		Satin Brass	40mm key + 55mm turn	23010848	97.23
Satin Brass 45mm key + 35mm turn 23010851 83.13 Satin Brass 45mm key + 40mm turn 23010852 87.84 Satin Brass 45mm key + 45mm turn 23010853 92.54 Satin Brass 45mm key + 50mm turn 23010854 97.23 Satin Brass 45mm key + 55mm turn 23010855 101.94 Satin Brass 50mm key + 60mm turn 23010856 106.64 Satin Brass 50mm key + 31mm turn 23010857 83.13 Satin Brass 50mm key + 45mm turn 23010858 87.84 Satin Brass 50mm key + 45mm turn 23010860 97.23 Satin Brass 50mm key + 50mm turn 23010861 101.94 Satin Brass 50mm key + 55mm turn 23010862 106.64 Satin Brass 50mm key + 60mm turn 23010862 106.64 Satin Brass 50mm key + 60mm turn 23010863 111.36 Satin Brass 55mm key + 60mm turn 23010864 87.84		Satin Brass	40mm key + 60mm turn	23010849	101.94
Satin Brass 45mm key + 40mm turn 23010852 87.84 Satin Brass 45mm key + 45mm turn 23010853 92.54 Satin Brass 45mm key + 50mm turn 23010854 97.23 Satin Brass 45mm key + 55mm turn 23010855 101.94 Satin Brass 45mm key + 60mm turn 23010856 106.64 Satin Brass 50mm key + 31mm turn 23010857 83.13 Satin Brass 50mm key + 35mm turn 23010858 87.84 Satin Brass 50mm key + 40mm turn 23010859 92.54 Satin Brass 50mm key + 45mm turn 23010860 97.23 Satin Brass 50mm key + 50mm turn 23010861 101.94 Satin Brass 50mm key + 55mm turn 23010862 106.64 Satin Brass 50mm key + 60mm turn 23010863 111.36 Satin Brass 55mm key + 31mm turn 23010864 87.84		Satin Brass	45mm key + 31mm turn	23010850	78.44
Satin Brass 45mm key + 45mm turn 23010853 92.54 Satin Brass 45mm key + 50mm turn 23010854 97.23 Satin Brass 45mm key + 55mm turn 23010855 101.94 Satin Brass 45mm key + 60mm turn 23010856 106.64 Satin Brass 50mm key + 31mm turn 23010857 83.13 Satin Brass 50mm key + 35mm turn 23010858 87.84 Satin Brass 50mm key + 40mm turn 23010859 92.54 Satin Brass 50mm key + 45mm turn 23010860 97.23 Satin Brass 50mm key + 50mm turn 23010861 101.94 Satin Brass 50mm key + 55mm turn 23010862 106.64 Satin Brass 50mm key + 60mm turn 23010863 111.36 Satin Brass 55mm key + 31mm turn 23010864 87.84		Satin Brass	45mm key + 35mm turn	23010851	83.13
Satin Brass 45mm key + 50mm turn 230 10854 97.23 Satin Brass 45mm key + 55mm turn 230 10855 101.94 Satin Brass 45mm key + 60mm turn 230 10856 106.64 Satin Brass 50mm key + 31mm turn 230 10857 83.13 Satin Brass 50mm key + 35mm turn 230 10858 87.84 Satin Brass 50mm key + 40mm turn 230 10859 92.54 Satin Brass 50mm key + 45mm turn 230 10860 97.23 Satin Brass 50mm key + 50mm turn 230 10861 101.94 Satin Brass 50mm key + 60mm turn 230 10862 106.64 Satin Brass 50mm key + 60mm turn 230 10863 111.36 Satin Brass 55mm key + 31mm turn 230 10864 87.84		Satin Brass	45mm key + 40mm turn	23010852	87.84
Satin Brass 45mm key + 55mm turn 23010855 101.94 Satin Brass 45mm key + 60mm turn 23010856 106.64 Satin Brass 50mm key + 31mm turn 23010857 83.13 Satin Brass 50mm key + 35mm turn 23010858 87.84 Satin Brass 50mm key + 40mm turn 23010859 92.54 Satin Brass 50mm key + 45mm turn 23010860 97.23 Satin Brass 50mm key + 50mm turn 23010861 101.94 Satin Brass 50mm key + 55mm turn 23010862 106.64 Satin Brass 50mm key + 60mm turn 23010863 111.36 Satin Brass 55mm key + 31mm turn 23010864 87.84		Satin Brass	45mm key + 45mm turn	23010853	92.54
Satin Brass 45mm key + 60mm turn 23010856 106.64 Satin Brass 50mm key + 31mm turn 23010857 83.13 Satin Brass 50mm key + 35mm turn 23010858 87.84 Satin Brass 50mm key + 40mm turn 23010859 92.54 Satin Brass 50mm key + 45mm turn 23010860 97.23 Satin Brass 50mm key + 50mm turn 23010861 101.94 Satin Brass 50mm key + 55mm turn 23010862 106.64 Satin Brass 50mm key + 60mm turn 23010863 111.36 Satin Brass 55mm key + 31mm turn 23010864 87.84		Satin Brass	45mm key + 50mm turn	23010854	97.23
Satin Brass 50mm key + 31mm turn 23010857 83.13 Satin Brass 50mm key + 35mm turn 23010858 87.84 Satin Brass 50mm key + 40mm turn 23010859 92.54 Satin Brass 50mm key + 45mm turn 23010860 97.23 Satin Brass 50mm key + 50mm turn 23010861 101.94 Satin Brass 50mm key + 55mm turn 23010862 106.64 Satin Brass 50mm key + 60mm turn 23010863 111.36 Satin Brass 55mm key + 31mm turn 23010864 87.84		Satin Brass	45mm key + 55mm turn	23010855	101.94
Satin Brass 50mm key + 35mm turn 23010858 87.84 Satin Brass 50mm key + 40mm turn 23010859 92.54 Satin Brass 50mm key + 45mm turn 23010860 97.23 Satin Brass 50mm key + 50mm turn 23010861 101.94 Satin Brass 50mm key + 55mm turn 23010862 106.64 Satin Brass 50mm key + 60mm turn 23010863 111.36 Satin Brass 55mm key + 31mm turn 23010864 87.84		Satin Brass	45mm key + 60mm turn	23010856	106.64
Satin Brass 50mm key + 40mm turn 23010859 92.54 Satin Brass 50mm key + 45mm turn 23010860 97.23 Satin Brass 50mm key + 50mm turn 23010861 101.94 Satin Brass 50mm key + 55mm turn 23010862 106.64 Satin Brass 50mm key + 60mm turn 23010863 111.36 Satin Brass 55mm key + 31mm turn 23010864 87.84		Satin Brass	50mm key + 31mm turn	23010857	83.13
Satin Brass 50mm key + 45mm turn 23010860 97.23 Satin Brass 50mm key + 50mm turn 23010861 101.94 Satin Brass 50mm key + 55mm turn 23010862 106.64 Satin Brass 50mm key + 60mm turn 23010863 111.36 Satin Brass 55mm key + 31mm turn 23010864 87.84		Satin Brass	50mm key + 35mm turn	23010858	87.84
Satin Brass 50mm key + 50mm turn 23010861 101.94 Satin Brass 50mm key + 55mm turn 23010862 106.64 Satin Brass 50mm key + 60mm turn 23010863 111.36 Satin Brass 55mm key + 31mm turn 23010864 87.84		Satin Brass	50mm key + 40mm turn	23010859	92.54
Satin Brass 50mm key + 55mm turn 23010862 106.64 Satin Brass 50mm key + 60mm turn 23010863 111.36 Satin Brass 55mm key + 31mm turn 23010864 87.84		Satin Brass	50mm key + 45mm turn	23010860	97.23
Satin Brass 50mm key + 60mm turn 23010863 111.36 Satin Brass 55mm key + 31mm turn 23010864 87.84		Satin Brass	50mm key + 50mm turn	23010861	101.94
Satin Brass 55mm key + 31mm turn 23010864 87.84		Satin Brass	50mm key + 55mm turn	23010862	106.64
		Satin Brass	50mm key + 60mm turn	23010863	111.36
Satin Brass 55mm key + 35mm turn 23010865 92.54		Satin Brass	55mm key + 31mm turn	23010864	87.84
		Satin Brass	55mm key + 35mm turn	23010865	92.54



Finish	Cylinder Size	Part Number	Price
Satin Brass	55mm key + 40mm turn	23010866	97.23
Satin Brass	55mm key + 45mm turn	23010867	101.94
Satin Brass	55mm key + 50mm turn	23010868	106.64
Satin Brass	55mm key + 55mm turn	23010869	111.36
Satin Brass	55mm key + 60mm turn	23010870	116.04
Satin Brass	60mm key + 31mm turn	23010871	92.54
Satin Brass	60mm key + 35mm turn	23010872	97.23
Satin Brass	60mm key + 40mm turn	23010873	101.94
Satin Brass	60mm key + 45mm turn	23010874	106.64
Satin Brass	60mm key + 50mm turn	23010875	111.36
Satin Brass	60mm key + 55mm turn	23010876	116.04
Satin Brass	60mm key + 60mm turn	23010877	120.74



Euro Profile with Freedom Thumbturns - Nickel Finish (Standard Colour)		Finish	Cylinder Size	Part Number	Price
Nickel 3 fmm key + 3 fmm turn 23010878 Nickel 3 fmm key + 3 fmm turn 23010887 Nickel 3 fmm key + 4 0mm turn 23010880 Nickel 3 fmm key + 4 5 mm turn 23010881 Nickel 3 fmm key + 5 5 mm turn 23010882 Nickel 3 fmm key + 5 5 mm turn 23010883 Nickel 3 fmm key + 5 5 mm turn 23010883 Nickel 3 fmm key + 5 0 mm turn 23010883 Nickel 3 fmm key + 6 0 mm turn 23010886 Nickel 3 fmm key + 4 0 mm turn 23010886 Nickel 3 fmm key + 4 0 mm turn 23010886 Nickel 3 fmm key + 4 0 mm turn 23010887 Nickel 3 fmm key + 4 0 mm turn 23010888 Nickel 3 fmm key + 4 0 mm turn 23010889 Nickel 3 fmm key + 5 fmm turn 23010889 Nickel 3 fmm key + 5 fmm turn 23010889 Nickel 3 fmm key + 5 fmm turn 23010889 Nickel 3 fmm key + 5 fmm turn 23010889 Nickel 4 0 mm key + 5 fmm turn 23010891 Nickel 4 0 mm key + 5 fmm turn 23010892 Nickel 4 0 mm key + 3 fmm turn 23010892 Nickel 4 0 mm key + 4 0 mm turn 23010897 Nickel 4 0 mm key + 5 fmm turn 23010897 Nickel 4 0 mm key + 5 fmm turn 23010897 Nickel 4 0 mm key + 5 fmm turn 23010897 Nickel 4 0 mm key + 5 fmm turn 23010899 Nickel 4 fmm key + 5 fmm turn 23010899 Nickel 4 fmm key + 5 fmm turn 23010899 Nickel 4 fmm key + 5 fmm turn 23010900 Nickel 4 fmm key + 5 fmm turn 23010900 Nickel 4 fmm key + 5 fmm turn 23010900 Nickel 4 fmm key + 5 fmm turn 23010900 Nickel 4 fmm key + 5 fmm turn 23010900 Nickel 4 fmm key + 5 fmm turn 23010900 Nickel 5 fmm key + 5 fmm turn 23010900 Nickel 5 fmm key + 5 fmm turn 23010900 Nickel 5 fmm key + 5 fmm turn 23010900 Nickel 5 fmm key + 5 fmm turn 23010900 Nickel 5 fmm key + 5 fmm turn 23010900 Nickel 5 fmm key + 5 fmm turn 23010900 Nickel 5 fmm key + 5 fmm turn 23010900 Nickel 5 fmm key + 5 fmm turn 23010900	o Profile v	with Freed	dom Thumbturns - Nickel Finish (Standard Colour)		
Nickel 3 1mm key + 40mm turn 23010879 Nickel 3 1mm key + 40mm turn 23010880 Nickel 3 1mm key + 45mm turn 23010881 Nickel 3 1mm key + 55mm turn 23010882 Nickel 3 1mm key + 55mm turn 23010882 Nickel 3 1mm key + 55mm turn 23010884 Nickel 3 1mm key + 31mm turn 23010886 Nickel 35mm key + 31mm turn 23010886 Nickel 35mm key + 35mm turn 23010886 Nickel 35mm key + 35mm turn 23010886 Nickel 35mm key + 45mm turn 23010887 Nickel 35mm key + 45mm turn 23010889 Nickel 35mm key + 45mm turn 23010889 Nickel 35mm key + 55mm turn 23010890 Nickel 35mm key + 55mm turn 23010890 Nickel 40mm key + 31mm turn 23010891 Nickel 40mm key + 35mm turn 23010892 Nickel 40mm key + 35mm turn 23010892 Nickel 40mm key + 45mm turn 23010893 Nickel 40mm key + 45mm turn 23010894 Nickel 40mm key + 45mm turn 23010894 Nickel 40mm key + 45mm turn 23010896 Nickel 40mm key + 45mm turn 23010896 Nickel 40mm key + 55mm turn 23010899 Nickel 40mm key + 55mm turn 23010899 Nickel 40mm key + 55mm turn 23010899 Nickel 45mm key + 55mm turn 23010899 Nickel 45mm key + 55mm turn 23010900 Nickel 50mm key + 55mm turn 23010900		Cylinder o	differ price, supplied with 2 keys. Measurements are from the centre of the cam.		
Nickel 3 1mm key + 45mm turn 23010880 Nickel 3 1mm key + 45mm turn 23010881 Nickel 3 1mm key + 55mm turn 23010882 Nickel 3 1mm key + 55mm turn 23010883 Nickel 3 5mm key + 55mm turn 23010885 Nickel 3 5mm key + 55mm turn 23010886 Nickel 3 5mm key + 55mm turn 23010887 Nickel 3 5mm key + 50mm turn 23010887 Nickel 3 5mm key + 50mm turn 23010887 Nickel 3 5mm key + 50mm turn 23010889 Nickel 3 5mm key + 50mm turn 23010890 Nickel 3 5mm key + 50mm turn 23010891 Nickel 4 0mm key + 3 1mm turn 23010892 Nickel 4 0mm key + 5 5mm turn 23010892 Nickel 4 0mm key + 4 5mm turn 23010893 Nickel 4 0mm key + 4 5mm turn 23010895 Nickel 4 0mm key + 5 5mm turn 23010896 Nickel 4 0mm key + 5 5mm turn 23010896 Nickel 4 5mm key + 5 5mm turn 23010990<	The	Nickel	31mm key + 31mm turn	23010878	54.93
Nickel 3 1mm key + 45mm turn 23010881 Nickel 3 1mm key + 50mm turn 23010882 Nickel 3 1mm key + 50mm turn 23010883 Nickel 3 1mm key + 50mm turn 23010884 Nickel 35mm key + 35mm turn 23010886 Nickel 35mm key + 35mm turn 23010887 Nickel 55mm key + 55mm turn 23010887 Nickel 35mm key + 55mm turn 23010889 Nickel 35mm key + 55mm turn 23010890 Nickel 35mm key + 50mm turn 23010890 Nickel 35mm key + 50mm turn 23010890 Nickel 35mm key + 50mm turn 23010890 Nickel 40mm key + 51mm turn 23010891 Nickel 40mm key + 35mm turn 23010892 Nickel 40mm key + 35mm turn 23010895 Nickel 40mm key + 45mm turn 23010896 Nickel 40mm key + 55mm turn 23010897 Nickel 40mm key + 55mm turn 23010899 Nickel 45mm key + 45mm turn 23010900 <tr< td=""><td>1</td><td>Nickel</td><td>31mm key + 35mm turn</td><td>23010879</td><td>69.04</td></tr<>	1	Nickel	31mm key + 35mm turn	23010879	69.04
Nickel 3 1mm key + 50mm turn 23010882 Nickel 3 1mm key + 60mm turn 23010883 Nickel 3 5mm key + 3 1mm turn 23010885 Nickel 35mm key + 3 1mm turn 23010885 Nickel 35mm key + 35mm turn 23010886 Nickel 35mm key + 35mm turn 23010887 Nickel 35mm key + 45mm turn 23010888 Nickel 35mm key + 45mm turn 23010889 Nickel 35mm key + 55mm turn 23010890 Nickel 35mm key + 55mm turn 23010891 Nickel 40mm key + 31mm turn 23010892 Nickel 40mm key + 35mm turn 23010893 Nickel 40mm key + 40mm turn 23010894 Nickel 40mm key + 45mm turn 23010895 Nickel 40mm key + 55mm turn 23010896 Nickel 40mm key + 55mm turn 23010897 Nickel 40mm key + 65mm turn 23010898 Nickel 45mm key + 35mm turn 23010899 Nickel 45mm key + 45mm turn 23010900 <t< td=""><td></td><td>Nickel</td><td>31mm key + 40mm turn</td><td>23010880</td><td>73.73</td></t<>		Nickel	31mm key + 40mm turn	23010880	73.73
Nickel 3 Imm key + 55mm turn 23010883 Nickel 3 Imm key + 60mm turn 23010884 Nickel 35mm key + 31mm turn 23010885 Nickel 35mm key + 35mm turn 23010886 Nickel 35mm key + 40mm turn 23010887 Nickel 35mm key + 45mm turn 23010889 Nickel 35mm key + 55mm turn 23010890 Nickel 35mm key + 55mm turn 23010890 Nickel 35mm key + 55mm turn 23010891 Nickel 40mm key + 51mm turn 23010892 Nickel 40mm key + 35mm turn 23010893 Nickel 40mm key + 45mm turn 23010894 Nickel 40mm key + 45mm turn 23010895 Nickel 40mm key + 55mm turn 23010896 Nickel 40mm key + 55mm turn 23010897 Nickel 40mm key + 60mm turn 23010898 Nickel 45mm key + 35mm turn 23010899 Nickel 45mm key + 35mm turn 23010900 Nickel 45mm key + 45mm turn 23010903		Nickel	31mm key + 45mm turn	23010881	78.44
Nickel 31mm key + 60mm turn 23010884 Nickel 35mm key + 31mm turn 23010885 Nickel 35mm key + 35mm turn 23010886 Nickel 35mm key + 40mm turn 23010887 Nickel 35mm key + 45mm turn 23010888 Nickel 35mm key + 55mm turn 23010889 Nickel 35mm key + 55mm turn 23010891 Nickel 40mm key + 31mm turn 23010892 Nickel 40mm key + 35mm turn 23010893 Nickel 40mm key + 45mm turn 23010894 Nickel 40mm key + 45mm turn 23010894 Nickel 40mm key + 55mm turn 23010895 Nickel 40mm key + 55mm turn 23010896 Nickel 40mm key + 55mm turn 23010897 Nickel 40mm key + 55mm turn 23010898 Nickel 45mm key + 55mm turn 23010899 Nickel 45mm key + 55mm turn 23010900 Nickel 45mm key + 45mm turn 23010900 Nickel 45mm key + 55mm turn 23010903 Nickel 45mm key + 55mm turn 23010906		Nickel	31mm key + 50mm turn	23010882	83.13
Nickel 35mm key + 31mm turn 23010885 Nickel 35mm key + 45mm turn 23010886 Nickel 35mm key + 40mm turn 23010887 Nickel 35mm key + 45mm turn 23010888 Nickel 35mm key + 55mm turn 23010889 Nickel 35mm key + 55mm turn 23010890 Nickel 40mm key + 31mm turn 23010891 Nickel 40mm key + 35mm turn 23010893 Nickel 40mm key + 40mm turn 23010894 Nickel 40mm key + 45mm turn 23010896 Nickel 40mm key + 55mm turn 23010896 Nickel 40mm key + 55mm turn 23010896 Nickel 40mm key + 55mm turn 23010896 Nickel 45mm key + 55mm turn 23010896 Nickel 45mm key + 55mm turn 23010899 Nickel 45mm key + 55mm turn 23010900 Nickel 45mm key + 45mm turn 23010900 Nickel 45mm key + 55mm turn 23010900 Nickel 45mm key + 55mm turn 23010900		Nickel	31mm key + 55mm turn	23010883	87.84
Nickel 35mm key + 35mm turn 23010886 Nickel 35mm key + 40mm turn 23010887 Nickel 35mm key + 45mm turn 23010888 Nickel 35mm key + 55mm turn 23010889 Nickel 35mm key + 55mm turn 23010890 Nickel 35mm key + 60mm turn 23010891 Nickel 40mm key + 31mm turn 23010892 Nickel 40mm key + 35mm turn 23010893 Nickel 40mm key + 45mm turn 23010894 Nickel 40mm key + 45mm turn 23010895 Nickel 40mm key + 55mm turn 23010896 Nickel 40mm key + 55mm turn 23010897 Nickel 40mm key + 60mm turn 23010898 Nickel 45mm key + 31mm turn 23010899 Nickel 45mm key + 55mm turn 23010900 Nickel 45mm key + 45mm turn 23010901 Nickel 45mm key + 55mm turn 23010903 Nickel 45mm key + 55mm turn 23010903 Nickel 50mm key + 55mm turn 23010906		Nickel	31mm key + 60mm turn	23010884	92.54
Nickel 35mm key + 40mm turn 23010887 Nickel 35mm key + 45mm turn 23010888 Nickel 35mm key + 55mm turn 23010899 Nickel 35mm key + 55mm turn 23010890 Nickel 35mm key + 60mm turn 23010891 Nickel 40mm key + 35mm turn 23010892 Nickel 40mm key + 35mm turn 23010893 Nickel 40mm key + 40mm turn 23010894 Nickel 40mm key + 45mm turn 23010895 Nickel 40mm key + 55mm turn 23010896 Nickel 40mm key + 55mm turn 23010897 Nickel 40mm key + 60mm turn 23010898 Nickel 45mm key + 35mm turn 23010899 Nickel 45mm key + 35mm turn 23010900 Nickel 45mm key + 45mm turn 23010901 Nickel 45mm key + 55mm turn 23010903 Nickel 45mm key + 55mm turn 23010906 Nickel 50mm key + 35mm turn 23010907 Nickel 50mm key + 45mm turn 23010908		Nickel	35mm key + 31mm turn	23010885	69.04
Nickel 35mm key + 45mm turn 23010888 Nickel 35mm key + 55mm turn 23010899 Nickel 35mm key + 55mm turn 23010890 Nickel 35mm key + 60mm turn 23010891 Nickel 40mm key + 31mm turn 23010892 Nickel 40mm key + 35mm turn 23010893 Nickel 40mm key + 45mm turn 23010894 Nickel 40mm key + 45mm turn 23010895 Nickel 40mm key + 55mm turn 23010896 Nickel 40mm key + 55mm turn 23010897 Nickel 45mm key + 31mm turn 23010898 Nickel 45mm key + 35mm turn 23010899 Nickel 45mm key + 40mm turn 23010900 Nickel 45mm key + 45mm turn 23010901 Nickel 45mm key + 55mm turn 23010902 Nickel 45mm key + 55mm turn 23010903 Nickel 45mm key + 55mm turn 23010905 Nickel 50mm key + 35mm turn 23010906 Nickel 50mm key + 35mm turn 23010907		Nickel	35mm key + 35mm turn	23010886	54.93
Nickel 35mm key + 50mm turn 23010889 Nickel 35mm key + 55mm turn 23010890 Nickel 35mm key + 60mm turn 23010891 Nickel 40mm key + 31mm turn 23010892 Nickel 40mm key + 35mm turn 23010893 Nickel 40mm key + 40mm turn 23010894 Nickel 40mm key + 45mm turn 23010895 Nickel 40mm key + 55mm turn 23010896 Nickel 40mm key + 55mm turn 23010897 Nickel 40mm key + 60mm turn 23010898 Nickel 45mm key + 31mm turn 23010899 Nickel 45mm key + 35mm turn 23010900 Nickel 45mm key + 45mm turn 23010901 Nickel 45mm key + 45mm turn 23010902 Nickel 45mm key + 55mm turn 23010903 Nickel 45mm key + 55mm turn 23010906 Nickel 50mm key + 31mm turn 23010906 Nickel 50mm key + 35mm turn 23010908 Nickel 50mm key + 35mm turn 23010909 Nickel 50mm key + 55mm turn 23010909		Nickel 	35mm key + 40mm turn	23010887	78.44
Nickel 35mm key + 55mm turn 23010890 Nickel 35mm key + 60mm turn 23010891 Nickel 40mm key + 31mm turn 23010892 Nickel 40mm key + 45mm turn 23010893 Nickel 40mm key + 40mm turn 23010894 Nickel 40mm key + 45mm turn 23010895 Nickel 40mm key + 50mm turn 23010897 Nickel 40mm key + 55mm turn 23010897 Nickel 45mm key + 60mm turn 23010898 Nickel 45mm key + 31mm turn 23010900 Nickel 45mm key + 35mm turn 23010900 Nickel 45mm key + 40mm turn 23010901 Nickel 45mm key + 45mm turn 23010902 Nickel 45mm key + 55mm turn 23010903 Nickel 50mm key + 55mm turn 23010906 Nickel 50mm key + 31mm turn 23010907 Nickel 50mm key + 45mm turn 23010907 Nickel 50mm key + 45mm turn 23010907 Nickel 50mm key + 45mm turn 23010909		Nickel	35mm key + 45mm turn	23010888	83.13
Nickel 35mm key + 60mm turn 23010891 Nickel 40mm key + 31mm turn 23010892 Nickel 40mm key + 35mm turn 23010893 Nickel 40mm key + 40mm turn 23010894 Nickel 40mm key + 45mm turn 23010895 Nickel 40mm key + 50mm turn 23010896 Nickel 40mm key + 55mm turn 23010897 Nickel 45mm key + 55mm turn 23010898 Nickel 45mm key + 31mm turn 23010899 Nickel 45mm key + 35mm turn 23010900 Nickel 45mm key + 45mm turn 23010901 Nickel 45mm key + 45mm turn 23010902 Nickel 45mm key + 55mm turn 23010903 Nickel 45mm key + 55mm turn 23010905 Nickel 50mm key + 31mm turn 23010906 Nickel 50mm key + 40mm turn 23010907 Nickel 50mm key + 45mm turn 23010909 Nickel 50mm key + 55mm turn 23010909 Nickel 50mm key + 55mm turn 23010909 Nickel 50mm key + 55mm turn 23010909 <td>Nickel</td> <td>35mm key + 50mm turn</td> <td>23010889</td> <td>87.84</td>		Nickel	35mm key + 50mm turn	23010889	87.84
Nickel 40mm key + 31mm turn 23010892 Nickel 40mm key + 35mm turn 23010893 Nickel 40mm key + 40mm turn 23010894 Nickel 40mm key + 45mm turn 23010895 Nickel 40mm key + 55mm turn 23010896 Nickel 40mm key + 55mm turn 23010897 Nickel 40mm key + 60mm turn 23010898 Nickel 45mm key + 31mm turn 23010899 Nickel 45mm key + 35mm turn 23010900 Nickel 45mm key + 45mm turn 23010901 Nickel 45mm key + 45mm turn 23010902 Nickel 45mm key + 55mm turn 23010903 Nickel 45mm key + 60mm turn 23010905 Nickel 50mm key + 35mm turn 23010906 Nickel 50mm key + 35mm turn 23010907 Nickel 50mm key + 45mm turn 23010909 Nickel 50mm key + 55mm turn 23010909 Nickel 50mm key + 55mm turn 23010910 Nickel 50mm key + 55mm turn 23010910		Nickel	35mm key + 55mm turn	23010890	92.54
Nickel 40mm key + 35mm turn 23010893 Nickel 40mm key + 40mm turn 23010894 Nickel 40mm key + 45mm turn 23010895 Nickel 40mm key + 50mm turn 23010896 Nickel 40mm key + 55mm turn 23010897 Nickel 40mm key + 55mm turn 23010898 Nickel 45mm key + 31mm turn 23010899 Nickel 45mm key + 35mm turn 23010900 Nickel 45mm key + 45mm turn 23010901 Nickel 45mm key + 45mm turn 23010902 Nickel 45mm key + 55mm turn 23010903 Nickel 45mm key + 55mm turn 23010904 Nickel 50mm key + 35mm turn 23010905 Nickel 50mm key + 35mm turn 23010907 Nickel 50mm key + 40mm turn 23010907 Nickel 50mm key + 45mm turn 23010909 Nickel 50mm key + 55mm turn 23010910 Nickel 50mm key + 55mm turn 23010911		Nickel	35mm key + 60mm turn	23010891	97.23
Nickel 40mm key + 40mm turn 23010894 Nickel 40mm key + 45mm turn 23010895 Nickel 40mm key + 50mm turn 23010896 Nickel 40mm key + 55mm turn 23010897 Nickel 40mm key + 60mm turn 23010898 Nickel 45mm key + 31mm turn 23010899 Nickel 45mm key + 35mm turn 23010900 Nickel 45mm key + 40mm turn 23010901 Nickel 45mm key + 45mm turn 23010902 Nickel 45mm key + 50mm turn 23010903 Nickel 45mm key + 55mm turn 23010904 Nickel 50mm key + 31mm turn 23010906 Nickel 50mm key + 35mm turn 23010907 Nickel 50mm key + 35mm turn 23010908 Nickel 50mm key + 45mm turn 23010909 Nickel 50mm key + 45mm turn 23010909 Nickel 50mm key + 55mm turn 23010910 Nickel 50mm key + 55mm turn 23010911		Nickel	40mm key + 31mm turn	23010892	73.73
Nickel 40mm key + 45mm turn 23010895 Nickel 40mm key + 55mm turn 23010897 Nickel 40mm key + 55mm turn 23010897 Nickel 40mm key + 60mm turn 23010898 Nickel 45mm key + 31mm turn 23010899 Nickel 45mm key + 35mm turn 23010900 Nickel 45mm key + 40mm turn 23010901 Nickel 45mm key + 45mm turn 23010902 Nickel 45mm key + 50mm turn 23010903 Nickel 45mm key + 55mm turn 23010904 Nickel 50mm key + 31mm turn 23010905 Nickel 50mm key + 35mm turn 23010907 Nickel 50mm key + 40mm turn 23010908 Nickel 50mm key + 45mm turn 23010909 Nickel 50mm key + 50mm turn 23010910 Nickel 50mm key + 55mm turn 23010911		Nickel	40mm key + 35mm turn	23010893	78.44
Nickel 40mm key + 50mm turn 23010896 Nickel 40mm key + 55mm turn 23010897 Nickel 40mm key + 60mm turn 23010898 Nickel 45mm key + 31mm turn 23010899 Nickel 45mm key + 35mm turn 23010900 Nickel 45mm key + 40mm turn 23010901 Nickel 45mm key + 45mm turn 23010902 Nickel 45mm key + 55mm turn 23010903 Nickel 45mm key + 55mm turn 23010904 Nickel 45mm key + 60mm turn 23010905 Nickel 50mm key + 31mm turn 23010906 Nickel 50mm key + 35mm turn 23010907 Nickel 50mm key + 40mm turn 23010908 Nickel 50mm key + 45mm turn 23010909 Nickel 50mm key + 55mm turn 23010910 Nickel 50mm key + 55mm turn 23010911		Nickel	40mm key + 40mm turn	23010894	59.64
Nickel 40mm key + 55mm turn 23010897 Nickel 40mm key + 60mm turn 23010898 Nickel 45mm key + 31mm turn 23010899 Nickel 45mm key + 35mm turn 23010900 Nickel 45mm key + 40mm turn 23010901 Nickel 45mm key + 45mm turn 23010902 Nickel 45mm key + 50mm turn 23010903 Nickel 45mm key + 55mm turn 23010904 Nickel 45mm key + 60mm turn 23010905 Nickel 50mm key + 31mm turn 23010906 Nickel 50mm key + 35mm turn 23010907 Nickel 50mm key + 40mm turn 23010908 Nickel 50mm key + 45mm turn 23010909 Nickel 50mm key + 55mm turn 23010910 Nickel 50mm key + 55mm turn 23010911		Nickel	40mm key + 45mm turn	23010895	87.84
Nickel 40mm key + 60mm turn 23010898 Nickel 45mm key + 31mm turn 23010899 Nickel 45mm key + 35mm turn 23010900 Nickel 45mm key + 40mm turn 23010901 Nickel 45mm key + 45mm turn 23010902 Nickel 45mm key + 50mm turn 23010903 Nickel 45mm key + 55mm turn 23010904 Nickel 45mm key + 60mm turn 23010905 Nickel 50mm key + 31mm turn 23010905 Nickel 50mm key + 35mm turn 23010907 Nickel 50mm key + 40mm turn 23010908 Nickel 50mm key + 45mm turn 23010909 Nickel 50mm key + 50mm turn 23010910 Nickel 50mm key + 55mm turn 23010911		Nickel	40mm key + 50mm turn	23010896	92.54
Nickel 45mm key + 31mm turn 23010899 Nickel 45mm key + 35mm turn 23010900 Nickel 45mm key + 40mm turn 23010901 Nickel 45mm key + 45mm turn 23010902 Nickel 45mm key + 50mm turn 23010903 Nickel 45mm key + 55mm turn 23010904 Nickel 45mm key + 60mm turn 23010905 Nickel 50mm key + 31mm turn 23010906 Nickel 50mm key + 35mm turn 23010907 Nickel 50mm key + 40mm turn 23010908 Nickel 50mm key + 45mm turn 23010909 Nickel 50mm key + 50mm turn 23010910 Nickel 50mm key + 55mm turn 23010911		Nickel	40mm key + 55mm turn	23010897	97.23
Nickel 45mm key + 35mm turn 23010900 Nickel 45mm key + 40mm turn 23010901 Nickel 45mm key + 45mm turn 23010902 Nickel 45mm key + 50mm turn 23010903 Nickel 45mm key + 55mm turn 23010904 Nickel 45mm key + 60mm turn 23010905 Nickel 50mm key + 31mm turn 23010906 Nickel 50mm key + 35mm turn 23010907 Nickel 50mm key + 40mm turn 23010908 Nickel 50mm key + 45mm turn 23010909 Nickel 50mm key + 50mm turn 23010910 Nickel 50mm key + 55mm turn 23010911		Nickel	40mm key + 60mm turn	23010898	101.94
Nickel 45mm key + 40mm turn 23010901 Nickel 45mm key + 45mm turn 23010902 Nickel 45mm key + 50mm turn 23010903 Nickel 45mm key + 55mm turn 23010904 Nickel 45mm key + 60mm turn 23010905 Nickel 50mm key + 31mm turn 23010906 Nickel 50mm key + 35mm turn 23010907 Nickel 50mm key + 40mm turn 23010908 Nickel 50mm key + 45mm turn 23010909 Nickel 50mm key + 50mm turn 23010910 Nickel 50mm key + 55mm turn 23010911		Nickel	45mm key + 31mm turn	23010899	78.44
Nickel 45mm key + 45mm turn 23010902 Nickel 45mm key + 50mm turn 23010903 Nickel 45mm key + 55mm turn 23010904 Nickel 45mm key + 60mm turn 23010905 Nickel 50mm key + 31mm turn 23010906 Nickel 50mm key + 35mm turn 23010907 Nickel 50mm key + 40mm turn 23010908 Nickel 50mm key + 45mm turn 23010909 Nickel 50mm key + 50mm turn 23010910 Nickel 50mm key + 55mm turn 23010911		Nickel	45mm key + 35mm turn	23010900	83.13
Nickel 45mm key + 50mm turn 23010903 Nickel 45mm key + 55mm turn 23010904 Nickel 45mm key + 60mm turn 23010905 Nickel 50mm key + 31mm turn 23010906 Nickel 50mm key + 35mm turn 23010907 Nickel 50mm key + 40mm turn 23010908 Nickel 50mm key + 45mm turn 23010909 Nickel 50mm key + 50mm turn 23010910 Nickel 50mm key + 55mm turn 23010911		Nickel	45mm key + 40mm turn	23010901	87.84
Nickel 45mm key + 55mm turn 230 10904 Nickel 45mm key + 60mm turn 230 10905 Nickel 50mm key + 31mm turn 230 10906 Nickel 50mm key + 35mm turn 230 10907 Nickel 50mm key + 40mm turn 230 10908 Nickel 50mm key + 45mm turn 230 10909 Nickel 50mm key + 50mm turn 230 10910 Nickel 50mm key + 55mm turn 230 10911		Nickel	45mm key + 45mm turn	23010902	92.54
Nickel 45mm key + 60mm turn 230 10905 Nickel 50mm key + 31mm turn 230 10906 Nickel 50mm key + 35mm turn 230 10907 Nickel 50mm key + 40mm turn 230 10908 Nickel 50mm key + 45mm turn 230 10909 Nickel 50mm key + 50mm turn 230 109 10 Nickel 50mm key + 55mm turn 230 109 11		Nickel	45mm key + 50mm turn	23010903	97.23
Nickel 50mm key + 31mm turn 23010906 Nickel 50mm key + 35mm turn 23010907 Nickel 50mm key + 40mm turn 23010908 Nickel 50mm key + 45mm turn 23010909 Nickel 50mm key + 50mm turn 23010910 Nickel 50mm key + 55mm turn 23010911		Nickel	45mm key + 55mm turn	23010904	101.94
Nickel 50mm key + 35mm turn 230 10907 Nickel 50mm key + 40mm turn 230 10908 Nickel 50mm key + 45mm turn 230 10909 Nickel 50mm key + 50mm turn 230 109 10 Nickel 50mm key + 55mm turn 230 109 11		Nickel	45mm key + 60mm turn	23010905	106.64
Nickel 50mm key + 40mm turn 23010908 Nickel 50mm key + 45mm turn 23010909 Nickel 50mm key + 50mm turn 23010910 Nickel 50mm key + 55mm turn 23010911		Nickel	50mm key + 31mm turn	23010906	83.13
Nickel 50mm key + 45mm turn 23010909 Nickel 50mm key + 50mm turn 23010910 Nickel 50mm key + 55mm turn 23010911		Nickel	50mm key + 35mm turn	23010907	87.84
Nickel 50mm key + 50mm turn 23010910 Nickel 50mm key + 55mm turn 23010911		Nickel	50mm key + 40mm turn	23010908	92.54
Nickel 50mm key + 55mm turn 23010911		Nickel	50mm key + 45mm turn	23010909	97.23
·		Nickel	50mm key + 50mm turn	23010910	101.94
Nickel 50mm key + 60mm turn 23010912		Nickel	50mm key + 55mm turn	23010911	106.64
		Nickel	50mm key + 60mm turn	23010912	111.36
Nickel 55mm key + 31mm turn 23010913		Nickel	55mm key + 31mm turn	23010913	87.84
Nickel 55mm key + 35mm turn 23010914		Nickel	55mm key + 35mm turn	23010914	92.54



Finish	Cylinder Size	Part Number	Price
Nickel	55mm key + 40mm turn	23010915	97.23
Nickel	55mm key + 45mm turn	23010916	101.94
Nickel	55mm key + 50mm turn	23010917	106.64
Nickel	55mm key + 55mm turn	23010918	111.36
Nickel	55mm key + 60mm turn	23010919	116.04
Nickel	60mm key + 31mm turn	23010920	92.54
Nickel	60mm key + 35mm turn	23010921	97.23
Nickel	60mm key + 40mm turn	23010922	101.94
Nickel	60mm key + 45mm turn	23010923	106.64
Nickel	60mm key + 50mm turn	23010924	111.36
Nickel	60mm key + 55mm turn	23010925	116.04
Nickel	60mm key + 60mm turn	23010926	120.74



	Finish	Cylinder Size	Part Number	Price
Euro Profile w	ith Freedo	om Thumbturns - Satin Brass Finish (Standard Colour)		
	Cylinder diff	fer price, supplied with 2 keys. Measurements are from the centre of the cam.		
	Satin Brass	31mm key + 31mm turn	23010927	54.93
	Satin Brass	31mm key + 35mm turn	23010928	69.04
	Satin Brass	31mm key + 40mm turn	23010929	73.73
	Satin Brass	31mm key + 45mm turn	23010930	78.44
	Satin Brass	31mm key + 50mm turn	23010931	83.13
	Satin Brass	31mm key + 55mm turn	23010932	87.84
	Satin Brass	31mm key + 60mm turn	23010933	92.54
	Satin Brass	35mm key + 31mm turn	23010934	69.04
	Satin Brass	35mm key + 35mm turn	23010935	54.93
	Satin Brass	35mm key + 40mm turn	23010936	78.44
	Satin Brass	35mm key + 45mm turn	23010937	83.13
	Satin Brass	35mm key + 50mm turn	23010938	87.84
	Satin Brass	35mm key + 55mm turn	23010939	92.54
	Satin Brass	35mm key + 60mm turn	23010940	97.23
	Satin Brass	40mm key + 31mm turn	23010941	73.73
	Satin Brass	40mm key + 35mm turn	23010942	78.44
	Satin Brass	40mm key + 40mm turn	23010943	59.64
	Satin Brass	40mm key + 45mm turn	23010944	87.84
	Satin Brass	40mm key + 50mm turn	23010945	92.54
	Satin Brass	40mm key + 55mm turn	23010946	97.23
	Satin Brass	40mm key + 60mm turn	23010947	101.94
	Satin Brass	45mm key + 31mm turn	23010948	78.44
	Satin Brass	45mm key + 35mm turn	23010949	83.13
	Satin Brass	45mm key + 40mm turn	23010950	87.84
	Satin Brass	45mm key + 45mm turn	23010951	92.54
	Satin Brass	45mm key + 50mm turn	23010952	97.23
	Satin Brass	45mm key + 55mm turn	23010953	101.94
	Satin Brass	45mm key + 60mm turn	23010954	106.64
	Satin Brass	50mm key + 31mm turn	23010955	83.13
	Satin Brass	50mm key + 35mm turn	23010956	87.84
	Satin Brass	50mm key + 40mm turn	23010957	92.54
	Satin Brass	50mm key + 45mm turn	23010958	97.23
	Satin Brass	50mm key + 50mm turn	23010959	101.94
	Satin Brass	50mm key + 55mm turn	23010960	106.64
	Satin Brass	50mm key + 60mm turn	23010961	111.36
	Satin Brass	55mm key + 31mm turn	23010962	87.84
	Satin Brass	55mm key + 35mm turn	23010963	92.54



Finish	Cylinder Size	Part Number	Price
Satin Brass	55mm key + 40mm turn	23010964	97.23
Satin Brass	55mm key + 45mm turn	23010965	101.94
Satin Brass	55mm key + 50mm turn	23010966	106.64
Satin Brass	55mm key + 55mm turn	23010967	111.36
Satin Brass	55mm key + 60mm turn	23010968	116.04
Satin Brass	60mm key + 31mm turn	23010969	92.54
Satin Brass	60mm key + 35mm turn	23010970	97.23
Satin Brass	60mm key + 40mm turn	23010971	101.94
Satin Brass	60mm key + 45mm turn	23010972	106.64
Satin Brass	60mm key + 50mm turn	23010973	111.36
Satin Brass	60mm key + 55mm turn	23010974	116.04
Satin Brass	60mm key + 60mm turn	23010975	120.74



	Finish	Cylinder Size	Part Number	Price
Euro Profile	with Freed	dom Easy Thumbturns - Nickel Finish (Standard Colour)		
	Cylinder d	iffer price, supplied with 2 keys. Measurements are from the centre of the cam.		
Th	Nickel	31mm key + 31mm turn	23010976	59.58
	Nickel	31mm key + 35mm turn	23010977	73.69
	Nickel	31mm key + 40mm turn	23010978	78.38
	Nickel	31mm key + 45mm turn	23010979	83.08
	Nickel	31mm key + 50mm turn	23010980	87.78
	Nickel	31mm key + 55mm turn	23010981	92.48
	Nickel	31mm key + 60mm turn	23010982	97.19
	Nickel	35mm key + 31mm turn	23010983	73.69
	Nickel	35mm key + 35mm turn	23010984	59.58
	Nickel	35mm key + 40mm turn	23010985	83.08
	Nickel 	35mm key + 45mm turn	23010986	87.78
	Nickel	35mm key + 50mm turn	23010987	92.48
	Nickel	35mm key + 55mm turn	23010988	97.19
	Nickel	35mm key + 60mm turn	23010989	101.88
	Nickel	40mm key + 31mm turn	23010990	78.38
	Nickel	40mm key + 35mm turn	23010991	83.08
	Nickel	40mm key + 40mm turn	23010992	64.28
	Nickel	40mm key + 45mm turn	23010993	92.48
	Nickel	40mm key + 50mm turn	23010994	97.19
	Nickel	40mm key + 55mm turn	23010995	101.88
	Nickel	40mm key + 60mm turn	23010996	106.58
	Nickel	45mm key + 31mm turn	23010997	83.08
	Nickel	45mm key + 35mm turn	23010998	87.78
	Nickel	45mm key + 40mm turn	23010999	92.48
	Nickel	45mm key + 45mm turn	23011000	97.19
	Nickel	45mm key + 50mm turn	23011001	101.88
	Nickel	45mm key + 55mm turn	23011002	106.58
	Nickel	45mm key + 60mm turn	23011003	111.28
	Nickel	50mm key + 31mm turn	23011004	87.78
	Nickel	50mm key + 35mm turn	23011005	92.48
	Nickel	50mm key + 40mm turn	23011006	97.19
	Nickel	50mm key + 45mm turn	23011007	101.88
	Nickel	50mm key + 50mm turn	23011008	106.58
	Nickel	50mm key + 55mm turn	23011009	111.28
	Nickel	50mm key + 60mm turn	23011010	115.99
	Nickel	55mm key + 31mm turn	23011011	92.48
	Nickel	55mm key + 35mm turn	23011012	97.19



Finish	Cylinder Size	Part Number	Price
Nickel	55mm key + 40mm turn	23011013	101.88
Nickel	55mm key + 45mm turn	23011014	106.58
Nickel	55mm key + 50mm turn	23011015	111.28
Nickel	55mm key + 55mm turn	23011016	115.99
Nickel	55mm key + 60mm turn	23011017	120.69
Nickel	60mm key + 31mm turn	23011018	97.19
Nickel	60mm key + 35mm turn	23011019	101.88
Nickel	60mm key + 40mm turn	23011020	106.58
Nickel	60mm key + 45mm turn	23011021	111.28
Nickel	60mm key + 50mm turn	23011022	115.99
Nickel	60mm key + 55mm turn	23011023	120.69
Nickel	60mm key + 60mm turn	23011024	125.38



	Finish	Cylinder Size	Part Number	Price
Euro Profil	e with Freedo	m Easy Thumbturns - Satin Brass Finish (Standard Colo	our)	
	Cylinder diff	er price, supplied with 2 keys. Measurements are from the centre of the cam.		
(II)	Satin Brass	31mm key + 31mm turn	23011025	59.58
	Satin Brass	31mm key + 35mm turn	23011026	73.69
		31mm key + 40mm turn	23011027	78.38
		31mm key + 45mm turn	23011028	83.08
		31mm key + 50mm turn	23011029	87.78
		31mm key + 55mm turn	23011030	92.48
		31mm key + 60mm turn	23011031	97.19
		35mm key + 31mm turn	23011032	73.69
		35mm key + 35mm turn	23011033	59.58
		35mm key + 40mm turn	23011034	83.08
	Satin Brass	35mm key + 45mm turn	23011035	87.78
	Satin Brass	35mm key + 50mm turn	23011036	92.48
	Satin Brass	35mm key + 55mm turn	23011037	97.19
	Satin Brass	35mm key + 60mm turn	23011038	101.88
	Satin Brass	40mm key + 31mm turn	23011039	78.38
	Satin Brass	40mm key + 35mm turn	23011040	83.08
	Satin Brass	40mm key + 40mm turn	23011041	64.28
	Satin Brass	40mm key + 45mm turn	23011042	92.48
	Satin Brass	40mm key + 50mm turn	23011043	97.19
	Satin Brass	40mm key + 55mm turn	23011044	101.88
	Satin Brass	40mm key + 60mm turn	23011045	106.58
	Satin Brass	45mm key + 31mm turn	23011046	83.08
	Satin Brass	45mm key + 35mm turn	23011047	87.78
	Satin Brass	45mm key + 40mm turn	23011048	92.48
	Satin Brass	45mm key + 45mm turn	23011049	97.19
	Satin Brass	45mm key + 50mm turn	23011050	101.88
	Satin Brass	45mm key + 55mm turn	23011051	106.58
	Satin Brass	45mm key + 60mm turn	23011052	111.28
	Satin Brass	50mm key + 31mm turn	23011053	87.78
	Satin Brass	50mm key + 35mm turn	23011054	92.48
	Satin Brass	50mm key + 40mm turn	23011055	97.19
	Satin Brass	50mm key + 45mm turn	23011056	101.88
	Satin Brass	50mm key + 50mm turn	23011057	106.58
	Satin Brass	50mm key + 55mm turn	23011058	111.28
	Satin Brass	50mm key + 60mm turn	23011059	115.99
	Satin Brass	55mm key + 31mm turn	23011060	92.48
	Satin Brass	55mm key + 35mm turn	23011061	97.19



Finish	Cylinder Size	Part Number	Price
Satin Brass	55mm key + 40mm turn	23011062	101.88
Satin Brass	55mm key + 45mm turn	23011063	106.58
Satin Brass	55mm key + 50mm turn	23011064	111.28
Satin Brass	55mm key + 55mm turn	23011065	115.99
Satin Brass	55mm key + 60mm turn	23011066	120.69
Satin Brass	60mm key + 31mm turn	23011067	97.19
Satin Brass	60mm key + 35mm turn	23011068	101.88
Satin Brass	60mm key + 40mm turn	23011069	106.58
Satin Brass	60mm key + 45mm turn	23011070	111.28
Satin Brass	60mm key + 50mm turn	23011071	115.99
Satin Brass	60mm key + 55mm turn	23011072	120.69
Satin Brass	60mm key + 60mm turn	23011073	125.38



pextra Q - Oval Single Cylinders

	Finish	Cylinder Size	Part Number	Price
Oval Profile Si	ngle Cyli	nders - Nickel Finish (Standard Colour)		
	Cylinder di	ffer price, supplied with 2 keys. Measurements are from the centre of the cam.		
	Nickel	31mm	23010614	41.75
	Nickel	35mm	23010615	41.75
	Nickel	40mm	23010616	46.44

Oval Profile Single Cylinders - Satin Brass Finish (Standard Colour) Cylinder differ price, supplied with 2 keys. Measurements are from the centre of the cam. Satin Brass 31mm 23010617 41.75 Satin Brass 35mm 23010618 41.75 Satin Brass 40mm 23010619 46.44



pextra Q - Oval Double Cylinders

	Finish	Cylinder Size	Part Number	Price
Oval Profile Do	uble Cyl	linders - Nickel Finish (Standard Colour)		
_	Cylinder dif	fer price, supplied with 2 keys. Measurements are from the centre of the cam.		
	Nickel	31mm + 31mm	23010676	59.39
_	Nickel	35mm + 35mm	23010677	59.39
_	Nickel	40mm + 40mm	23010678	64.09

Oval Profile Double Cylinders - Satin Brass Finish (Standard Colour) Cylinder differ price, supplied with 2 keys. Measurements are from the centre of the cam. Satin Brass 31mm + 31mm 23010679 59.39 Satin Brass 35mm + 35mm 23010680 59.39 Satin Brass 40mm + 40mm 23010681 64.09



pextra Q - Oval Profile Round Thumbturns

	Finish	Cylinder Size	Part Number	Price
Oval Profile with Round Thumbturns - Nickel Finish (Standard Colour)				
	Cylinder diff	fer price, supplied with 2 keys. Measurements are from the centre of the cam.		
N	Nickel	31mm key + 31mm turn	23011074	54.93
N	Nickel	35mm key + 35mm turn	23011075	54.93
N	Nickel	40mm key + 40mm turn	23011076	59.64

Oval Profile v	vith Round Thumbturns - Satin Brass Finish (Standard Colour)		
	Cylinder differ price, supplied with 2 keys. Measurements are from the centre of the cam.		
0 13	Satin Brass 31mm key + 31mm turn	23011077	54.93
	Satin Brass 35mm key + 35mm turn	23011078	54.93
	Satin Brass 40mm key + 40mm turn	23011079	59.64



pextra Q - Oval Profile Architectural Thumbturns

	Finish	Cylinder Size	Part Number	Price
Oval Profile w	vith Archi	itectural Thumbturns - Nickel Finish (Standard Colour)		
	Cylinder d	iffer price, supplied with 2 keys. Measurements are from the centre of the cam.		
	Nickel	31mm key + 31mm turn	23011080	54.93
	Nickel	35mm key + 35mm turn	23011081	54.93
	Nickel	40mm key + 40mm turn	23011082	59.64

Oval Profile	vith Architectural Thumbturns - Satin Brass Finish (Standard Colou	r)	
	Cylinder differ price, supplied with 2 keys. Measurements are from the centre of the cam.		
	Satin Brass 31mm key + 31mm turn	23011083	54.93
	Satin Brass 35mm key + 35mm turn	23011084	54.93
	Satin Brass 40mm key + 40mm turn	23011085	59.64



pextra Q - Oval Profile Freedom Thumbturns

	Finish	Cylinder Size	Part Number	Price
Oval Profile	with Free	dom Thumbturns - Nickel Finish (Standard Colour)		
	Cylinder d	iffer price, supplied with 2 keys. Measurements are from the centre of the cam.		
	Nickel	31mm key + 31mm turn	23011086	54.93
	Nickel	35mm key + 35mm turn	23011087	54.93
	Nickel	40mm key + 40mm turn	23011088	59.64



rith Freedom Thumbturns - Satin Brass Finish (Standard Colour)		
Cylinder differ price, supplied with 2 keys. Measurements are from the centre of the cam.		
Satin Brass 31mm key + 31mm turn	23011089	54.93
Satin Brass 35mm key + 35mm turn	23011090	54.93
Satin Brass 40mm key + 40mm turn	23011091	59.64



pextra Q - Oval Profile Freedom Easy Thumbturns

	Finish	Cylinder Size	Part Number	Price
Oval Profile	with Free	dom Easy Thumbturns - Nickel Finish (Standard Colour)		
	Cylinder d	liffer price, supplied with 2 keys. Measurements are from the centre of the cam.		
	Nickel	31mm key + 31mm turn	23011092	59.58
	Nickel	35mm key + 35mm turn	23011093	59.58
	Nickel	40mm key + 40mm turn	23011094	64.28



Oval Profile with Freedom Easy Thumbturns - Satin Brass Finish (Standard Colour)				
	Cylinder differ price, supplied with 2 keys. Measurements are from the centre of the cam.			
	Satin Brass 31mm key + 31mm turn	23011095	59.58	
	Satin Brass 35mm key + 35mm turn	23011096	59.58	
	Satin Brass 40mm key + 40mm turn	23011097	64.28	



pextra Q - Rim Cylinders

	Finish	Cylinder Size	Part Number	Price
Rim Cylinders	- Nickel	Finish (Standard Colour)		
	Cylinder d	ffer price, supplied with 2 keys.		
	Nickel	Standard	23011098	45.26
	Nickel	Ingersoll	23011099	96.73

Rim Cylinders	- Satin Brass Finish (Standard Colour)		
	Cylinder differ price, supplied with 2 keys.		
	Satin Brass Standard	23011100	45.26
D	Satin Brass Ingersoll	23011101	96.73



pextra Q - Screw In Cylinders

	Finish	Cylinder Size	Part Number	Price
Screw In Cyl	linders - N	ickel Finish (Standard Colour)		
	Cylinder o	differ price, supplied with 2 keys.		
a l	Nickel	Adams Rite	23011102	61.77
	Nickel	Union	23011103	61.77
	Nickel	Yale	23011104	61.77

Screw In Cyl	inders - Satin Brass Finish (Standard Colour)		
	Cylinder differ price, supplied with 2 keys.		
E	Satin Brass Adams Rite	23011105	61.77
3	Satin Brass Union	23011106	61.77
	Satin Brass Yale	23011107	61.77



pextra Q - Swedish Cylinders

	Finish	Cylinder Size	Part Number	Price
Swedish Cyl	linders - Ni	ickel Finish (Standard Colour)		
	Cylinder o	differ price, supplied with 2 keys.		
D	Nickel	Internal	23011108	55.16
•	Nickel	External	23011109	55.16
Swedish Cyl	linders - So	atin Brass Finish (Standard Colour)		
	Cylinder o	differ price, supplied with 2 keys.		
•	Satin Bras	ss Internal	23011110	55.16
	Satin Prac	ss External	23011111	55.16



pextra Q Guard TS007 3* High Security Cylinders



Patent Protected until 2042

Part of the pextra Q cylinder family, the new pextra Q Guard has been specifically developed to meet the stringent requirements of the TS007 3-Star standard for lock cylinders. Carrying the coveted BSI Kitemark* and endorsed by Secured by Design, the official police security initiative, pextra Q Guard has a unique patent-protected, precision-milled double undercut (branch groove) which offers exceptional protection against illegal key duplication.

In addition to exceptional key copying protection, the cylinder itself provides multiple layers of physical protection for high-security installations. Physical security consists of resistance to picking, bumping and drilling due to several anti-drill pins throughout the cylinder pinning chambers. This puts them among the most secure lock cylinders available on the market.

Manufactured to the highest engineering standards, its versatility makes it ideal for securing and organising access to any building, from protecting family homes and residential complexes through to securing public buildings and industrial properties.

Mastering Charge:No charge**Keyed Alike Cylinders:No charge

*The TS007 Kitemark only applies to Euro profile cylinders. Only those cylinders built by dormakaba and/or partners covered by dormakaba's Kitemark license are valid. Any modifications made to a kitemarked cylinder by a 3rd party/unlicensed party voids this certification.

**Mastering Fee waivered as part of pextra Q introductory offer. Normal Mastering Fee of £15.34 will be reinstated in 2025

pextra Q - Guard Euro Double Cylinders

	Finish	Cylinder Size	Part Number	Price
Euro Profile Double Cylinders - Nickel Finish (Standard Colour)				
	Cylinder d	iffer price, supplied with 2 keys. Measurements are from the centre of the cam.		
0	Nickel	35mm Guard + 35mm	23011350	76.16
	Nickel	35mm Guard + 40mm	23011351	76.16
	Nickel	35mm Guard + 45mm	23011352	76.16
	Nickel	35mm Guard + 50mm	23011353	77.97
	Nickel	35mm Guard + 55mm	23011354	77.97
	Nickel	35mm Guard + 60mm	23011355	77.97
	Nickel	40mm Guard + 35mm	23011356	76.16
	Nickel	40mm Guard + 40mm	23011357	76.16
	Nickel	40mm Guard + 45mm	23011358	77.97
	Nickel	40mm Guard + 50mm	23011359	77.97
	Nickel 	40mm Guard + 55mm	23011360	77.97
	Nickel	40mm Guard + 60mm	23011361	79.71
	Nickel	45mm Guard + 35mm	23011362	76.16
	Nickel	45mm Guard + 40mm	23011363	77.97
	Nickel	45mm Guard + 45mm	23011364	77.97
	Nickel	45mm Guard + 50mm	23011365	77.97
	Nickel	45mm Guard + 55mm	23011366	79.71
	Nickel	45mm Guard + 60mm	23011367	79.71
	Nickel	50mm Guard + 35mm	23011368	77.97
	Nickel	50mm Guard + 40mm	23011369	77.97
	Nickel	50mm Guard + 45mm	23011370	77.97
	Nickel	50mm Guard + 50mm	23011371	79.71
	Nickel	50mm Guard + 55mm	23011372	79.71
	Nickel	50mm Guard + 60mm	23011373	79.71
	Nickel	55mm Guard + 35mm	23011374	77.97
	Nickel	55mm Guard + 40mm	23011375	77.97
	Nickel	55mm Guard + 45mm	23011376	79.71
	Nickel	55mm Guard + 50mm	23011377	79.71
	Nickel	55mm Guard + 55mm	23011378	79.71
	Nickel	55mm Guard + 60mm	23011379	79.71
	Nickel	60mm Guard + 35mm	23011380	77.97
	Nickel	60mm Guard + 40mm	23011381	79.71
	Nickel	60mm Guard + 45mm	23011382	79.71
	Nickel	60mm Guard + 50mm	23011383	79.71
	Nickel	60mm Guard + 55mm	23011384	79.71
	Nickel	60mm Guard + 60mm	23011385	79.71



pextra Q - Guard Euro Double Cylinders

Finish	Cylinder Size	Part Number	Price
Euro Profile Double Cyl	inders - Satin Brass Finish (Standard Colour)		
Cylinder dif	fer price, supplied with 2 keys. Measurements are from the centre of the cam.		
Satin Brass	35mm Guard + 35mm	23011386	76.16
Satin Brass	35mm Guard + 40mm	23011387	76.16
Satin Brass	35mm Guard + 45mm	23011388	76.16
Satin Brass	35mm Guard + 50mm	23011389	77.97
Satin Brass	35mm Guard + 55mm	23011390	77.97
	35mm Guard + 60mm	23011391	77.97
	40mm Guard + 35mm	23011392	76.16
	40mm Guard + 40mm	23011393	76.16
	40mm Guard + 45mm	23011394	77.97
Satin Brass	40mm Guard + 50mm	23011395	77.97
Satin Brass	40mm Guard + 55mm	23011396	77.97
Satin Brass	40mm Guard + 60mm	23011397	79.71
Satin Brass	45mm Guard + 35mm	23011398	76.16
Satin Brass	45mm Guard + 40mm	23011399	77.97
Satin Brass	45mm Guard + 45mm	23011400	77.97
Satin Brass	45mm Guard + 50mm	23011401	77.97
Satin Brass	45mm Guard + 55mm	23011402	79.71
Satin Brass	45mm Guard + 60mm	23011403	79.71
Satin Brass	50mm Guard + 35mm	23011404	77.97
Satin Brass	50mm Guard + 40mm	23011405	77.97
Satin Brass	50mm Guard + 45mm	23011406	77.97
Satin Brass	50mm Guard + 50mm	23011407	79.71
Satin Brass	50mm Guard + 55mm	23011408	79.71
Satin Brass	50mm Guard + 60mm	23011409	79.71
Satin Brass	55mm Guard + 35mm	23011410	77.97
Satin Brass	55mm Guard + 40mm	23011411	77.97
Satin Brass	55mm Guard + 45mm	23011412	79.71
Satin Brass	55mm Guard + 50mm	23011413	79.71
Satin Brass	55mm Guard + 55mm	23011414	79.71
Satin Brass	55mm Guard + 60mm	23011415	79.71
Satin Brass	60mm Guard + 35mm	23011416	79.71
Satin Brass	60mm Guard + 40mm	23011417	79.71
Satin Brass	60mm Guard + 45mm	23011418	79.71
Satin Brass	60mm Guard + 50mm	23011419	79.71
Satin Brass	60mm Guard + 55mm	23011420	79.71
Satin Brass	60mm Guard + 60mm	23011421	79.71



pextra Q - Guard Thumbturn Cylinders

	er Price	Part Number	Finish Cylinder Size	
Nickel 35mm Guard + 35mm 23011343				Euro Profile w
Nickel 35mm Guard + 40mm 23011346 Nickel 35mm Guard + 45mm 23011346 Nickel 35mm Guard + 50mm 23011346 Nickel 35mm Guard + 55mm 23011347 Nickel 35mm Guard + 55mm 23011347 Nickel 35mm Guard + 60mm 23011348 Nickel 35mm Guard + 40mm 23011349 Nickel 40mm Guard + 35mm 23011449 Nickel 40mm Guard + 45mm 23011430 Nickel 40mm Guard + 55mm 23011430 Nickel 40mm Guard + 55mm 23011431 Nickel 40mm Guard + 55mm 23011431 Nickel 40mm Guard + 55mm 23011432 Nickel 40mm Guard + 55mm 23011434 Nickel 45mm Guard + 60mm 23011436 Nickel 45mm Guard + 45mm 23011436 Nickel 45mm Guard + 45mm 23011436 Nickel 45mm Guard + 55mm 23011436 Nickel 55mm Guard + 55mm 23011448 Nickel 55mm Guard + 45mm 23011449 Nickel 55mm Guard + 45mm 23011440 Nickel 55mm Guard + 45mm 23011441 Nickel 55mm Guard + 45mm 23011442 Nickel 55mm Guard + 45mm 23011443 Nickel 55mm Guard + 45mm 23011443 Nickel 55mm Guard + 55mm 23011441 Nickel 55mm Guard + 55mm 23011442 Nickel 55mm Guard + 55mm 23011443 Nickel 55mm Guard + 55mm 23011444 Nickel 55mm Guard + 55mm 23011445 Nickel 55mm Guard + 50mm 23011445 Nickel 55mm Guard + 55mm 23011445 Nickel 55mm Guard + 60mm 23011445 Nickel 55mm Guard + 60mm			<u> </u>	-
Nickel 35mm Guard + 45mm 23011345 turn	85.85	23011343		
Nickel 35mm Guard + 50mm 23011346 turn	85.85	23011344		
Nickel 35mm Guard + 55mm 23011347 Nickel 35mm Guard + 60mm 23011348 Nickel 40mm Guard + 35mm 23011349 Nickel 40mm Guard + 40mm 23011429 Nickel 40mm Guard + 45mm 23011430 Nickel 40mm Guard + 55mm 23011431 Nickel 40mm Guard + 55mm 23011431 Nickel 40mm Guard + 55mm 23011431 Nickel 40mm Guard + 55mm 23011432 Nickel 40mm Guard + 55mm 23011433 Nickel 40mm Guard + 50mm 23011434 Nickel 45mm Guard + 55mm 23011435 Nickel 45mm Guard + 40mm 23011436 Nickel 45mm Guard + 40mm 23011436 Nickel 45mm Guard + 55mm 23011436 Nickel 45mm Guard + 55mm 23011437 Nickel 45mm Guard + 50mm 23011437 Nickel 45mm Guard + 50mm 23011437 Nickel 45mm Guard + 50mm 23011438 Nickel 45mm Guard + 50mm 23011436 Nickel 50mm Guard + 50mm 23011440 Nickel 50mm Guard + 40mm 23011440 Nickel 50mm Guard + 40mm 23011441 Nickel 50mm Guard + 55mm 23011442 Nickel 50mm Guard + 55mm 23011445 Nickel 50mm Guard + 50mm 23011445 Nickel 50mm Guard + 50mm	85.85	23011345		
Nickel 35mm Guard + 60mm 23011348 Nickel 40mm Guard + 35mm 23011429 Nickel 40mm Guard + 40mm 23011430 Nickel 40mm Guard + 45mm 23011431 Nickel 40mm Guard + 55mm 23011431 Nickel 40mm Guard + 55mm 23011432 Nickel 40mm Guard + 55mm 23011432 Nickel 40mm Guard + 50mm 23011433 Nickel 45mm Guard + 60mm 23011434 Nickel 45mm Guard + 40mm 23011436 Nickel 45mm Guard + 45mm 23011436 Nickel 45mm Guard + 55mm 23011437 Nickel 45mm Guard + 55mm 23011438 Nickel 45mm Guard + 55mm 23011438 Nickel 45mm Guard + 50mm 23011438 Nickel 50mm Guard + 40mm 23011440 Nickel 50mm Guard + 40mm 23011441 Nickel 50mm Guard + 55mm 23011442 Nickel 50mm Guard + 55mm 23011445 Nickel 50mm Guard + 55mm	87.66	23011346		
Nickel	87.66	23011347		
Nickel	87.66	23011348		
Nickel	85.85	23011349		
Nickel 40mm Guard +50mm turn 23011431 Nickel 40mm Guard +55mm turn 23011432 Nickel 40mm Guard +60mm turn 23011433 Nickel 45mm Guard +35mm turn 23011434 Nickel 45mm Guard + 40mm turn 23011435 Nickel 45mm Guard +45mm turn 23011436 Nickel 45mm Guard +55mm turn 23011437 Nickel 45mm Guard +55mm turn 23011438 Nickel 45mm Guard +60mm turn 23011439 Nickel 50mm Guard +35mm turn 23011440 Nickel 50mm Guard +45mm turn 23011441 Nickel 50mm Guard +45mm turn 23011442 Nickel 50mm Guard +55mm turn 23011443 Nickel 50mm Guard +50mm turn 23011444 Nickel 50mm Guard +50mm turn 23011445 Nickel 50mm Guard +55mm turn 23011446 Nickel 50mm Guard +55mm turn 23011446 Nickel 55mm Guard +50mm turn 23011446	85.85	23011429		
Nickel 40mm Guard + 55mm turn 23011432 turn Nickel 40mm Guard + 60mm turn 23011433 turn Nickel 45mm Guard + 35mm turn 23011434 turn Nickel 45mm Guard + 40mm turn 23011435 turn Nickel 45mm Guard + 45mm turn 23011436 turn Nickel 45mm Guard + 50mm turn 23011437 turn Nickel 45mm Guard + 55mm turn 23011438 turn Nickel 45mm Guard + 60mm turn 23011439 turn Nickel 50mm Guard + 35mm turn 23011440 turn Nickel 50mm Guard + 40mm turn 23011441 turn Nickel 50mm Guard + 45mm turn 23011442 turn Nickel 50mm Guard + 50mm turn 23011443 turn Nickel 50mm Guard + 55mm turn 23011443 turn Nickel 50mm Guard + 55mm turn 23011445 turn Nickel 50mm Guard + 55mm turn 23011446 turn Nickel 50mm Guard + 55mm turn 23011446 turn	87.66	23011430		
Nickel 40mm Guard + 60mm turn 23011433 Nickel 45mm Guard + 35mm turn 23011434 Nickel 45mm Guard + 40mm turn 23011435 Nickel 45mm Guard + 45mm turn 23011436 Nickel 45mm Guard + 50mm turn 23011437 Nickel 45mm Guard + 55mm turn 23011438 Nickel 45mm Guard + 55mm turn 23011439 Nickel 50mm Guard + 60mm turn 23011449 Nickel 50mm Guard + 35mm turn 23011440 Nickel 50mm Guard + 40mm turn 23011441 Nickel 50mm Guard + 45mm turn 23011442 Nickel 50mm Guard + 55mm turn 23011443 Nickel 50mm Guard + 55mm turn 23011444 Nickel 50mm Guard + 60mm turn 23011444 Nickel 50mm Guard + 60mm turn 23011446 Nickel 50mm Guard + 55mm turn 23011446 Nickel 55mm Guard + 50mm turn 23011446	87.66	23011431		
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turn Nickel 45mm Guard + 50mm turn 23011437 Nickel 45mm Guard + 55mm turn 23011438 Nickel 45mm Guard + 60mm turn 23011439 Nickel 50mm Guard + 35mm turn 23011440 Nickel 50mm Guard + 40mm turn 23011441 Nickel 50mm Guard + 45mm turn 23011442 Nickel 50mm Guard + 50mm turn 23011443 Nickel 50mm Guard + 55mm turn 23011444 Nickel 50mm Guard + 60mm turn 23011445 Nickel 55mm Guard + 35mm turn 23011446 Nickel 55mm Guard + 35mm turn 23011446 Nickel 55mm Guard + 40mm 23011446	87.66	23011435		
turn Nickel 45mm Guard + 55mm turn 23011438 Nickel 45mm Guard + 60mm turn 23011439 turn Nickel 50mm Guard + 35mm turn 23011440 turn Nickel 50mm Guard + 40mm turn 23011441 turn Nickel 50mm Guard + 45mm turn 23011442 turn Nickel 50mm Guard + 50mm turn 23011443 turn Nickel 50mm Guard + 55mm turn 23011444 turn Nickel 50mm Guard + 60mm turn 23011445 turn Nickel 55mm Guard + 35mm turn 23011446 turn Nickel 55mm Guard + 40mm 23011447	87.66	23011436		
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turn Nickel 50mm Guard + 35mm turn 23011440 Nickel 50mm Guard + 40mm turn 23011441 Nickel 50mm Guard + 45mm turn 23011442 Nickel 50mm Guard + 50mm turn 23011443 Nickel 50mm Guard + 55mm turn 23011444 Nickel 50mm Guard + 60mm turn 23011445 Nickel 55mm Guard + 35mm turn 23011446 Nickel 55mm Guard + 40mm 23011446	89.40	23011438		
turn Nickel 50mm Guard + 40mm turn 23011441 Nickel 50mm Guard + 45mm turn 23011442 Nickel 50mm Guard + 50mm turn 23011443 Nickel 50mm Guard + 55mm turn 23011444 Nickel 50mm Guard + 60mm turn 23011445 Nickel 55mm Guard + 35mm turn 23011446 Nickel 55mm Guard + 40mm 23011446	89.40	23011439		
turn Nickel 50mm Guard + 45mm turn 23011442 Nickel 50mm Guard + 50mm turn 23011443 Nickel 50mm Guard + 55mm turn 23011444 Nickel 50mm Guard + 60mm turn 23011445 Nickel 55mm Guard + 35mm turn 23011446 Nickel 55mm Guard + 40mm 23011447	87.66	23011440		
turn Nickel 50mm Guard + 50mm turn 23011443 Nickel 50mm Guard + 55mm turn 23011444 Nickel 50mm Guard + 60mm turn 23011445 Nickel 55mm Guard + 35mm turn 23011446 Nickel 55mm Guard + 40mm 23011447	87.66	23011441		
turn Nickel 50mm Guard + 55mm turn 23011444 Nickel 50mm Guard + 60mm turn 23011445 Nickel 55mm Guard + 35mm turn 23011446 Nickel 55mm Guard + 40mm 23011447	87.66	23011442		
turn Nickel 50mm Guard + 60mm turn 23011445 Nickel 55mm Guard + 35mm turn 23011446 Nickel 55mm Guard + 40mm 23011447	89.40	23011443		
turn Nickel 55mm Guard + 35mm turn 23011446 Nickel 55mm Guard + 40mm 23011447	89.40	23011444		
turn Nickel 55mm Guard + 40mm 23011447	89.40	23011445		
Nickel 55mm Guard + 40mm 23011447	87.66	23011446		
	87.66	23011447	Nickel 55mm Guard + 40mm	
Nickel 55mm Guard + 45mm 23011448 turn	89.40	23011448		
Nickel 55mm Guard + 50mm 23011449 turn	89.40	23011449	Nickel 55mm Guard + 50mm	



pextra Q - Guard Thumbturn Cylinders

Finish	Cylinder Size	Part Number	Price
Nickel	55mm Guard + 55mm turn	23011450	89.40
Nickel	55mm Guard + 60mm turn	23011451	89.40
Nickel	60mm Guard + 35mm turn	23011452	87.66
Nickel	60mm Guard + 40mm turn	23011453	89.40
Nickel	60mm Guard + 45mm turn	23011454	89.40
Nickel	60mm Guard + 50mm turn	23011455	89.40
Nickel	60mm Guard + 55mm turn	23011456	89.40
Nickel	60mm Guard + 60mm turn	23011457	89.40



pextra Q - Guard Thumbturn Cylinders

	Finish	Cylinder Size	Part Number	Price
Euro Profile with Freedom Thumbturns - Satin Brass Finish (Standard Colour)				
	Cylinder diff	fer price, supplied with 2 keys. Measurements are from the centre of the cam.		
	Satin Brass	35mm Guard + 35mm turn	23011458	85.85
	Satin Brass	35mm Guard + 40mm turn	23011459	85.85
	Satin Brass	35mm Guard + 45mm turn	23011460	85.85
	Satin Brass	35mm Guard + 50mm turn	23011461	87.66
	Satin Brass	35mm Guard + 55mm turn	23011462	87.66
	Satin Brass	35mm Guard + 60mm turn	23011463	87.66
	Satin Brass	40mm Guard + 35mm turn	23011464	85.85
	Satin Brass	40mm Guard + 40mm turn	23011465	85.85
	Satin Brass	40mm Guard + 45mm turn	23011466	87.66
	Satin Brass	40mm Guard + 50mm turn	23011467	87.66
	Satin Brass	40mm Guard + 55mm turn	23011468	87.66
	Satin Brass	40mm Guard + 60mm turn	23011469	89.40
	Satin Brass	45mm Guard + 35mm turn	23011470	85.85
	Satin Brass	45mm Guard + 40mm turn	23011471	87.66
	Satin Brass	45mm Guard + 45mm turn	23011472	87.66
	Satin Brass	45mm Guard + 50mm turn	23011473	87.66
	Satin Brass	45mm Guard + 55mm turn	23011474	89.40
	Satin Brass	45mm Guard + 60mm turn	23011475	89.40
	Satin Brass	50mm Guard + 35mm turn	23011476	87.66
	Satin Brass	50mm Guard + 40mm turn	23011477	87.66
	Satin Brass	50mm Guard + 45mm turn	23011478	87.66
	Satin Brass	50mm Guard + 50mm turn	23011479	89.40
	Satin Brass	50mm Guard + 55mm turn	23011480	89.40
	Satin Brass	50mm Guard + 60mm turn	23011481	89.40
	Satin Brass	55mm Guard + 35mm turn	23011482	87.66
	Satin Brass	55mm Guard + 40mm turn	23011483	87.66
	Satin Brass	55mm Guard + 45mm turn	23011484	89.40
	Satin Brass	55mm Guard + 50mm turn	23011485	89.40



pextra Q - Guard Thumbturn Cylinders

Finish	Cylinder Size	Part Number	Price
Satin Brass	55mm Guard + 55mm turn	23011486	89.40
Satin Brass	55mm Guard + 60mm turn	23011487	89.40
Satin Brass	60mm Guard + 35mm turn	23011488	87.66
Satin Brass	60mm Guard + 40mm turn	23011489	89.40
Satin Brass	60mm Guard + 45mm turn	23011490	89.40
Satin Brass	60mm Guard + 50mm turn	23011491	89.40
Satin Brass	60mm Guard + 55mm turn	23011492	89.40
Satin Brass	60mm Guard + 60mm turn	23011493	89.40



pextra Q Keys & Accessories



dormakaba offer a range of keys and accessories to compliement our mechancial cylinders. All keys are made from nickel silver, giving them resistance to wear for an extremely long life.

The CNC-controlled milling process ensures highest accuracy in profile grooves.

For greater organisation and key identification, the standard key can be equipped with coloured clips. Key accessories are compatible with all serrated keys with the standard cornered bow.



pextra Q - Keys & Accessories

	Colour	Part Number	Price
pextra Q dormakaba Cut Keys			
	Additional Key with Cylinder	KEYPXQ-6-WO	10.15
	Key Ordered Later	KEYPXQ-6-OL	14.05
	Master Key	KEYPXQ-6-MK	21.39

| Blue | 23011741 | 40.97 | | Red | 23011744 | 40.97 | | Green | 23011743 | 40.97 | | Black | 23011746 | 40.97 |

Key Accessories - Key bow coloured over cap (dormakaba branded) Light Red 11616685 3.97 Dark Red 11616690 3.97 Bright Blue 11616687 3.97 Dark Blue 11616691 3.97 Yellow 11616688 3.97 Light Green 11616689 3.97 Dark Green 11616692 3.97 Light Purple 11616693 3.97 Dark Purple 11616694 3.97 Black 11616686 3.97 Florescent 11616695



Cylinder Care & Maintanence







dormakaba Lock cylinders are precision-engineered mechanical products offering the highest levels of security, performance and quality. Although proven to be extremely robust and durable, is it important that they are regularly maintained.

The dormakaba cleaner is specifically designed to clean and maintain all kinds of lock cylinders. Decades of practical experience and laboratory-proven physical properties put the new formula in a class of its own. Unlike many of the products available from other manufacturers, the dormakaba cleaner does not thicken, eliminating the need to constantly re-lubricate the lock cylinder.

- Operating temperature range
 Use at -25 °C to +60 °C
 Storage: -20 °C to +50 °C

dormakaba Cleaner Spray

	Size	Part Number	Price
dormak	dormakaba Cleaner Spray		
	dormakaba Cleaner/Lubrication Spray		
	60ml pump action	8040060	12.40
	200ml Aerosol	8040200	15.12



These Terms set out the relationship between you and either Kaba Ltd or dormakaba UK Ltd – the appropriate company being identified on the Quotation.

Such documents can be long and complex but we have tried to keep this to a minimum in two ways:

- We have attempted to use plain English but if there are areas you do not understand; please ask.
- The Terms are divided into Sections: the first applies to all contracts with us (these General Terms) and there are further terms for specific services (Specific Terms). This means that you will only be given those additional terms that apply to your particular contract with us

Definitions

1.1. So as to be clear, the following words shall have the following meanings:

Charges: the charges arising under this Contract; **Data Protection Legislation:** the Data Protection Act 2018 and the UK GDPR;

Door: a fire door owned and maintained by you to which the Goods are affixed;

Contract: these Terms, any Specific Terms applying to your order, our Quotation and your purchase order;

Good Industry Practice: that degree of skill, care, prudence, foresight, operating systems and practice which would ordinarily be expected of a skilled and experienced supplier engaged in the same or similar type of undertaking as that of the Supplier under similar circumstances;

Goods: all physical items listed in the Quotation or ordered by you;

Group: your company together with your subsidiaries and holding companies from time to time. 'Holding company' and 'subsidiary' have the meanings given in section 1159 of the Companies Act 2006 and 'holding companies' and 'subsidiaries' shall be construed accordingly:

IP Rights: patents, rights to inventions, copyright and related rights, trade marks, trade names and domain names, rights in get-up, rights in goodwill or to sue for passing off, rights in designs, rights in computer software, database rights, rights in confidential information (including know-how and trade secrets) and any other intellectual property rights, in each case whether registered or unregistered and including all applications (or rights to apply) for, and renewals or extensions of, such rights and all similar or equivalent rights or forms of protection which may now or in the future subsist in any part of the world;

Location: the premises where the Goods are to be installed or Services carried out either as specified in the Quotation, or (in the case of Product Sales) as stated on your order, or, if neither, your principal place of business; **Product Sales:** supply only of Goods with no design or installation Project Services: services that include design, supply and installation of Goods;

Quotation: the quotation provided to you by either dormakaba UK Ltd or Kaba Limited;

Service Recall Period: Where appropriate be free from defects in workmanship for up to 90 days after completion.

Services: all services to be supplied to you listed in the Quotation;

Special Terms: any terms set out in writing in the Quotation that vary these Terms or the Specific Terms; **Specific Terms:** those for Installation, Maintenance, Main Contractors and Software;

Terms: these General Terms; and

Warranty Period: a period of at least 12 months from the date of issue of an invoice in respect of the Goods or Services. Extended Warranty periods are specified in the relevant quotation or price list.

- 1.2. In this Contract:
- 1.2.1. Personal data, controller, processor, data subject and processing have the meanings respectively set out in the UK GDPR
- 1.2.2. the singular includes the plural and vice versa;
- 1.2.3. references to gender include references to all genders;
- 1.2.4. unless otherwise stated, references to clauses are to clauses of these Terms; and
- 1.2.5. the clause headings are for reference only and shall not affect the construction or interpretation of this Contract.
- 2. The terms that apply to the Contract
- 2.1. These Terms and the Specific Terms, subject to any Special Terms, shall apply to all dealings between us and you and take precedence over anything inconsistent in or referred to in your purchase order, confirmation of order, or specification, or implied by law, trade custom, practice or course of dealing. In the event of conflict, the order of precedence shall be Special Terms, Specific Terms and then finally these Terms.
- 2.2. All Quotations are based on these Terms and the relevant Specific Terms being accepted without variation.
- 2.3. Only additions to, variations of, exclusions or attempted exclusions of any term of the Contract will be binding on us if they are in writing and signed by a Director or Senior Manager or they constitute Special Terms.
- 2.4. In the event that the Services include installation Specific Terms: Installation shall apply. In respect of Project Services or Maintenance Services the Specific Terms: Maintenance and the Specific Terms: Installation shall apply. If this Contract is with a contractor on behalf of

- a client, then the Specific Terms: Main Contractor shall apply. The provision of software is subject to Specific Terms: Software.
- 2.5. Either of us can institute a request to alter the Contract in accordance with paragraph 13. Neither of us can cancel a Contract without the other's agreement.

3. Quotations and Orders

- 3.1. A binding contract shall not come into existence between us and you unless and until we receive a purchase order from you, or, if earlier, when we begin to deliver the Goods. Cancellation of this Contract is not permitted.
- 3.2. We will supply the Goods and the Services as set out in our Quotation or (if there is no Quotation), your purchase order.
- 3.3. We may deliver the Goods and Services in instalments and invoice accordingly.
- 3.4. All drawings, descriptive matter, specifications and advertising issued by us are provided for illustrative purposes only and do not form part of the Contract.
- 3.5. We reserve the right to make any changes in the specification of the Goods which do not materially affect their quality or performance.
- 3.6. Our employees are not authorised to make any contractually binding promises or representations concerning the Goods or the Services. In entering into the Contract, you acknowledge that you do not rely on, and waive any claim for breach of, any such representations which have not been confirmed in writing by a Director or Senior Manager.
- 3.7. Any advice or recommendation given by us or our employees to you or your employees about the storage, application or use of the Goods or the Services, which is not confirmed in writing, is followed or acted on entirely at your own risk

4. Your Responsibilities

- 4.1. You agree to:
- 4.1.1. check all Quotations for accuracy and omissions;
- 4.1.2. provide the Quotation number on any order;
- 4.1.3. at our request, appoint an authorised individual with authority to bind you and through whom all communication will be passed;
- 4.1.4. ensure that your employees or other independent contractors cooperate reasonably us, our agents and independent contractors; and
- 4.1.5. promptly furnish us with such information as we may request
- 4.2. If our performance of our obligations under the Contract is prevented or delayed by your act or omission (other than by reason of a Force Majeure Event), you shall pay us all reasonable costs, charges or direct losses sustained by it as a result, subject to us notifying you in writing of any such claim we might have against you in this respect.

5. **Payment and Price**

5.1. All prices shall be those current when we dispatch Goods unless included in a valid Quotation. All prices are exclusive of VAT.

- 5.2. We may, by notice to you before delivery, increase the price of any undelivered Goods to reflect any change in delivery dates, quantities or specifications requested by you, or any delay caused by you.
- 5.3. Credit Account Existing Customers
- 5.3.1. Orders to be received on account, as per existing payment terms
- 5.3.2. Order value must be within credit limit unless prior written approval
- 5.4. Credit Account New User Customers
- 5.4.1. Customer account and credit account is required to be set up prior to orders being submitted.
- Order value must be within credit limit unless prior written approval.
- 5.5. Where goods and site labour are supplied, the following payment terms will apply.
- 5.5.1. 50% of equipment value invoiced upon receipt of agreement/order. This will be a Proforma invoice or 1st Application for payment
- 5.5.2. Remaining 50% of equipment value invoiced when delivered to site, prior to installation or before commissioning. This will be a standard Invoice or application for payment.
- 5.5.3. Balance invoiced as per schedule of works. This will be a standard Invoice or application for payment.
- 5.5.4. The above does not include additional works and agreed variations
- 5.5.5. Abortive or additional visits and lost time due to failure of others will be charge at £750 per visit.
- 5.6. We reserve the right to cease or suspend to procure, or supply products if the order is on hold till the order block is restored, or the customer has provided written evidence to the company's reasonable satisfaction that the order block can be restored.
- 5.7. We reserve the right to revoke or amend payment terms and or credit limit any time, upon giving customers written notice.
- 5.8. Invoices shall be paid in invoice currency within 30 days of their date, or 30 days after the end of the month of the invoice in respect of Product Sales. Unless you have a credit account, they will be rendered in advance and will be payable, whether or not Services have been started, delivery of the Goods has taken place or title in the Goods has passed to you.
- 5.9. Time for payment of our invoices shall be of the essence of the Contract.
- 5.10. If you do not pay on time, without prejudice to any other right or remedy available to us, we may set-off any payment made by you to any outstanding sum (whether on this or another contract with you or a member of your Group). We may also charge interest and late payment compensation fees on the outstanding debt under the Late Payment of Commercial Debts (Interest) Act 1998 (amended) and suspend all further deliveries of goods and the provision of any services (whether under this or another contract with you or a member of your Group).
- 6. Delivery of Goods



- 6.1. We will use our reasonable endeavours to deliver (and if included in the Order Confirmation) install the Goods and provide the Services on the date or dates specified in our Quotation at the Location, but any such date is approximate only. If no dates are so specified, delivery shall be within a reasonable time. Time is not of the essence as to the delivery of the Goods or the provision of the Services.
- 6.2. Delivery and installation shall be made during normal business hours and we may levy additional charges for any deliveries made outside such hours at your request.
- 6.3. You are responsible for all delivery charges and for preparing the Location for the delivery of the Goods. In the case of Product Sales delivery charges will be as the current published price list.
- 6.4. Where we are not installing the Goods:
- 6.4.1. we will be responsible for any damage, shortage or loss in transit, provided that you notify us (or its carrier, if applicable) within 3 working days of delivery or the proposed delivery date of the Goods. Any remedy under this paragraph shall be limited, at our option, to the replacement or repair of such Goods which is proven to our satisfaction to have been lost or damaged in transit; and
- 6.4.2. you will be deemed to have accepted the Goods when you have had 3 working days to inspect them after delivery or, if earlier, when you use the Goods.
- 6.5. Provided the Goods have not been purchased by us from a third party, or manufactured particularly for you, then we may agree to accept the return of the Goods, subject to you bearing all costs of delivery and redelivery together with a payment of 25% of the price of the Goods. Any credit arising will be retained as a credit against future Charges. No returns will be accepted unless we have agreed and have issued a return note.
- 6.6. We will not be liable for any non-delivery of Goods (even if caused by our negligence) unless you notify us in writing of the failure to deliver within 7 days after the scheduled delivery date.
- 6.7. Our liability for non-delivery of the Goods shall be limited to replacing the Goods within a reasonable time or issuing a credit note at the pro rata contract rate against any invoice raised for such Goods.

7. Risk and ownership

- 7.1. Where we are installing the Goods:
- 7.1.1. The Goods shall be at our risk until delivery of the Goods to the Location.
- 7.1.2. On completion of the installation, we will demonstrate the Goods to you and the Goods will then be deemed accepted by you. You agree to sign the form of acceptance or the delivery note. If at any time you make use of the Goods other than for training or test purposes then the Goods will be deemed to be accepted.
- 7.1.3. You will not own the Goods until you have paid everything due to us (or if later, on installation). Until you own the Goods you must look after them on our behalf, keep them fully insured on our behalf. Any

- insurance proceeds from a claim must be kept separate from your money and not paid into an overdrawn account.
- 7.1.4. Your right to possession of the Goods, before ownership has passed to you, shall terminate immediately if any of the circumstances set out in paragraph 14.1 arise or if you mortgage or in any way charge the Goods, or if you fail to make any payment to us on the due date.
- 7.1.5. If you use banking facilities that involve a charge over your assets then you shall inform the bank or finance house of our ownership and rights in the Goods.
- 7.2. You grant us and our employees an irrevocable licence at any time to enter any premises where the Goods are or may be stored in order to inspect them, or where your right to possession has terminated, to remove them. All costs incurred by us in repossessing the Goods shall be borne by you.
- 7.3. On termination of the Contract for any reason, our rights under this paragraph 7 shall remain in effect.

8. Software licence

If Software is included in the Quotation, your right to use the Software is set out in our Specific Terms: Software Licence.

Warranties

- 9.1. We warrant that:
- 9.1.1. we will carry out our duties in accordance with Good Industry Practice;
- 9.1.2. the Goods shall be free of material defects upon delivery;
- 9.1.3. the Goods will be free of material defects in design, materials and workmanship for the Warranty period from the date of invoice.
- 9.2. If any Goods is agreed by us to be faulty before acceptance then we will exchange the faulty part or Goods free of charge as quickly as possible.
- 9.3. Our liability for a breach of the warranties contained above is conditional on:
- 9.3.1. you give written notice of the defect to us within fourteen days of when you discover or ought to have discovered the defect;
- 9.3.2. we are given a reasonable opportunity of examining such Goods and you (if asked to do so) return such Goods to our place of business at our cost for the examination to take place there; and
- 9.3.3. if there is a defect or breach, then we will at our sole option either repair or replace the Goods or repeat the Services or refund the Charges or an equitable proportion of the Charges (as applicable) provided that (in our reasonable opinion) the defect or breach is not due to any act or omission by you or any third party.
- 9.4. The person or persons signing the form of acceptance or delivery note warrant that they have authority to sign the same on your behalf.
- 9.5. The following are excluded from the warranty above:
 - Flawed or defective Goods operation(s) caused by unusual or an unforeseeable use or condition,
 - Goods where repairs or alterations performed by anyone

- other than personnel authorised by us,
- Goods using unauthorised components or sub-assemblies in place of components supplied with the Goods,
- Any products or systems in which our Goods are incorporated,
- Damage or failure caused by a Force Majeure Event,
- Damage or faults arising from improper operation or maintenance of the Goods, or
- Damage or failure caused by the installation of the Goods when installed by someone other than us.
 THE WARRANTIES IN THESE TERMS ARE IN LIEU OF
- 9.6. THE WARRANTIES IN THESE TERMS ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES OF QUALITY, CONDITION, DESCRIPTION, COMPLIANCE WITH SAMPLE, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE (WHETHER STATUTORY OR OTHERWISE), SAID WARRANTIES BEING EXPRESSLY DISCLAIMED AND EXCLUDED FROM THESE TERMS AND THE CONTRACT TO THE FULLEST EXTENT PERMITTED BY LAW. We reserve the right to refuse all service and/or warranty claims if the account is deemed "past due" in accordance with the agreed upon terms.

10. Limitation of liability

- 10.1. The following provisions set out our entire liability (including any liability for the acts or omissions of our employees) to you in respect of any breach of the Contract and any representation, statement or tortious act or omission (including negligence) arising out of or in connection with the Contract.
- 10.2. All warranties, conditions and other terms implied by statute or common law are excluded from the Contract to the fullest extent permitted by law.
- 10.3. Nothing in these conditions excludes or limits our liability for death or personal injury caused by our negligence or fraud or fraudulent misrepresentation.
- 10.4. Subject to paragraph 10.3:
- 10.4.1. Because we cannot work out the potential harm to your organisation, we will not be liable for any loss of profits, loss of business, depletion of goodwill or similar losses or for any special, indirect or consequential loss, costs, damages, charges or expenses howsoever arising; and
- 10.4.2. In the case of Product Sales then our liability, whether in contract or tort or otherwise arising out of or in connection with this Contract shall in any event be limited to an obligation on us to repair, replace or refund the cost of the defective Goods; and otherwise,
- 10.4.3. our total liability in contract, tort (including negligence or breach of statutory duty), misrepresentation, restitution or otherwise, arising in connection with the performance or contemplated performance of the Contract shall be limited to one time the price payable for the Goods and Services under paragraph 5.
- 10.5. Under no circumstances shall we be responsible or liable for the condition and/or functionality of the Doors. In particular (but without limit to the foregoing) you acknowledge and agree that it is your responsibility to ensure that the Doors are of satisfactory quality and fit

for purpose.

Intellectual Property Rights

- 11.1. If we manufacture or modify the Goods or incorporate data or other information at your request, you shall indemnify and keep us indemnified against all losses, damages, costs, claims and expenses incurred by us in connection with any claim for infringement of any third-party IP Rights which results from that request.
- 11.2. We hereby assign to you all existing and future IP Rights in any documentation written specifically by us for you and included in the Goods or the Installation Services subject to a prior written agreement.

2. Non-Solicitation

Neither party shall, during the continuance of the Contract, or within 6 months of its termination, whether on behalf of itself or a third party, solicit or seek to entice away any employee of the other. In the event of breach of this term the party in default shall pay the other a sum equal to six months gross pay of the employee concerned being a pre-estimate of the cost of recruitment and training a replacement.

13. Change Requests

- 13.1. If either party identifies a requirement for a change (including a change to Goods and/ or Services and/ or Charges) it shall provide its requirements to the other party.
- 13.2. If a Change Request is initiated by us, then this will include the effect such a change would have upon the Goods and/ or Services and/ or Charges.
- 13.3. If you instigate a Change Request we will use reasonable endeavours to confirm the effect such a change would have upon the Goods and/ or Services and/ or Charges within 30 days from instigation.
- 13.4. Together we will then decide whether or not to implement the change. If the change is implemented, the amended goods and/ or services and/ or charges shall then become the Goods and/ or Services and/ or Charges and be deemed incorporated into this Contract. No change shall have effect without the agreement of each of us.

14. Termination for Cause

- 14.1. Either party may terminate this Contract forthwith on giving notice in writing to the other if one party ceases (or threatens to cease) to carry on business or commits any serious breach of any term of this Contract and (in the case of a breach capable of being remedied) shall have failed, within 7 days after the receipt of the request in writing from the other to do so, to remedy the breach.
- 14.2. Termination of the Contract, however arising, shall not affect or prejudice the accrued rights of the parties as at termination or the continuation of any provision expressly stated to survive or implicitly surviving termination.

15. Dispute Resolution Procedure

15.1. If any dispute arises in connection with this Contract, directors or other senior representatives of the parties with authority to settle the dispute will, within 7 days of a written request from one party to the other, meet

- promptly in good faith to resolve the dispute.

 15.2. If the dispute is not resolved in accordance with paragraph 15.1, we both agree to enter into mediation in good faith to settle such a dispute and will do so in accordance with the Centre for Effective Dispute Resolution (CEDR) Model Mediation Procedure. Unless otherwise agreed between us within 14 days of notice of the dispute, the mediator will be nominated by CEDR.
- 16. Force Majeure
- 16.1. We will not be liable to you for any breach of our obligations under this the Contract if such breach is due to an act, event, omission or accident beyond our reasonable control (Force Majeure Event).
- 16.2. If a Force Majeure Event occurs, we will inform you as soon as possible and take all reasonable steps to mitigate the effects of the Force Majeure event and resume performance of its obligations as soon as possible.
- 17. Anti-Bribery
- 17.1. You must:
- 17.1.1. comply with all applicable laws, statutes and regulations relating to anti-bribery and anti-corruption including but not limited to the Bribery Act 2010 (Relevant Requirements):
- 17.1.2. not engage in any activity, practice or conduct which would constitute an offence under sections 1, 2 or 6 of the Bribery Act 2010 if such activity, practice or conduct had been carried out in the UK;
- 17.1.3. comply with our Ethics, Anti-bribery and Anti-Corruption Policies available at www.dormakaba.co.uk/codeofconduct (Relevant Policies);
- 17.1.4. have and shall maintain in place throughout the term of this Contract its own policies and procedures, including adequate procedures under the Bribery Act 2010, to ensure compliance with the Relevant Requirements, the Relevant Policies, and will enforce them where appropriate:
- 17.1.5. promptly report to us any request or demand for any undue financial or other advantage of any kind received by you in connection with the performance of this Contract: and
- 17.1.6. immediately notify us (in writing) if a foreign public official becomes an officer or employee of yours or acquires a direct or indirect interest in you and you warrant that warrants that you have no foreign public officials as direct or indirect owners, officers or employees of any member of your Group at the date of this Contract.
- 18. GDPR & Data Protection
- 18.1. Both of us will comply with all applicable requirements of the Data Protection Legislation. We agree that, for the purposes of the Data Protection Legislation, we are the processor, and you are the controller.
- 18.2. You will ensure that you have all necessary consents (or have complied with another processing condition and have the appropriate notices in place) to enable the lawful transfer of personal data to us for the duration and for the purposes of this Contract.

- 18.3. We warrant that to the extent we process any personal data on your behalf we will:
- 18.3.1. act only on your instructions;
- 18.3.2. have in place appropriate technical and organisational security measures against unauthorised or unlawful processing of personal data and against accidental loss or destruction of, or damage to, personal data. Such measures will be appropriate to the harm that might result from the unauthorised or unlawful processing;
- 18.3.3. ensure all personnel who have access to the personal data are obliged to keep it confidential;
- 18.3.4. assist you to respond to a data subject's request to enforce their rights of subject access, rectification, erasure and any other rights conferred by the Data Protection Legislation;
- 18.3.5. assist you if requested with respect to security, breach notifications, impact assessments and any investigations by a regulator;
- 18.3.6. notify you without undue delay in the event of a data security breach and assist you with any investigations;
- 18.3.7. at your direction delete or return to you all personal data and copies on termination unless required by law to retain the same; and
- 18.3.8. maintain complete and accurate records to demonstrate our compliance with this clause and allow for audits by you.
- 18.4. We may appoint third-parties (subcontractors) to process the personal data under this Contract only where:
- 18.4.1. you are provided with an opportunity to object to the appointment of each subcontractor within 14 days of us providing you with the details of such subcontractor, including name, location and contact information;
- 18.4.2. we ensure that all subcontractors enter into an agreement with the same or substantially similar terms as this Contract in relation to the Data Protection Legislation;
- 18.4.3. we ensure the subcontractor does not process personal data except in accordance with our instructions from your and
- 18.4.4. the subcontractor's contract terminates automatically on termination of this Contract for any reason.
- 18.5. Where any subcontractor appointed under clause 18.4 fails to fulfil its obligations, we remain liable to you for the subcontractor's performance of its obligations under our agreement with them in relation to the Data Protection Legislation.
- 8.6. We will not transfer any personal data outside the UK or the EEA unless your prior consent has been obtained and, if required by applicable law, we and you will enter into an appropriate data transfer agreement. If you consent to the appointment of a subcontractor located outside UK and the EEA under clause 18.4 above, then you authorise us to enter into an appropriate data transfer agreement in your name and on your behalf. We will make any such data transfer agreement available to you on your request.
- 18.7. We will comply with our Data Protection and IT Security

- Policies. The obligations in relation to data protection set out in this clause shall not be affected by the expiry or termination of this agreement.
- 18.8. Our website provides our Privacy Notice, Data Protection Officer contact details and information on how to make a complaint to the Information Commissioners Office (ICO).

19. Waiver

A waiver of any right under the Contract is only effective if it is in writing and signed by or on behalf of the waiving party, and it applies only to the party to whom the waiver is addressed and the circumstances for which it is given.

20. Third Party

None of the provisions of this Contract are intended to or will operate to confer any benefit pursuant to the Contracts (Rights of Third Parties) Act 1999 on a person who is not named as a party to this Contract.

21. Entire Agreement

- 21.1. The Contract constitutes the whole agreement between the parties and supersedes all previous agreements between the parties relating to its subject matter.
- 21.2. Each party acknowledges that, in entering into this Contract, it has not relied on, and shall have no right or remedy (other than for breach of contract) in respect of, any statement, representation, assurance or warranty (whether made negligently or innocently) other than as expressly set out in this Contract.

22. Assignment

- 22.1. If you are acting as a main contractor or a distributor of our Goods and Services then you may assign your rights, but not your duties, under this Contract, to the ultimate end user of the Goods or Services.
- 22.2. Unless the clause above applies, you shall not, without our prior written consent (such consent not to be unreasonably withheld), assign, transfer, charge, subcontract or deal in any other manner with all or any of your rights or obligations under the Contract.

23. Notices

Any notice required to be given pursuant to this Contract shall be in writing and shall be delivered by hand or sent by pre-paid first-class post or recorded delivery post to your address of the party as set out in your purchase order (or if none, your last known address), or, if to us, by email to notices@dormakaba.com or such other address as may be notified by one party to the other.

24. Governing law and jurisdiction

The Contract is governed by the law of England and Wales and the courts of England and Wales shall have exclusive jurisdiction.



Specific Terms: Installation including all other 'on-site' Services.

These Terms apply to the provision of all on-site Services

Inspection

- 1.1. We may inspect your Location in accordance with the terms of this Contract. and may then report to you in writing whether the Location is suitable for the provision of the Goods and/ or Services and if they are not, the remedial steps necessary.
- 1.2. You shall use reasonable endeavours to complete any remedial work in accordance with times and dates indicated by us. We may perform repeat inspections (and the procedure outlined above) until we are satisfied that the Location is suitable.

2. Your Obligations

- 2.1. You will (in each case insofar as is reasonably necessary to enable us to effectively carry out our Services):
- 2.1.1. make available to us free of charge such areas of the Location as we request:
- 2.1.2. ensure that the premises where the Goods is to be or is installed are and remain suitable and that at the time of installation comprise a safe place of work for our employees;
- 2.1.3. take all reasonable steps to ensure the health and safety of our employees, agents or independent contractors subject to such employees, agents or independent contractors complying with your health and safety policy, provided this has been supplied to us;
- 2.1.4. provide all necessary facilities, such as light, electricity, proper ventilation and sufficient installation space that we request:
- 2.1.5. comply with our Site Conditions attached;
- 2.1.6. carry out any making good or decorating that is required after installation; and

- 2.1.7. ensure that any IP Rights which we are required to use or modify in order to supply the Services are either owned by you or properly licensed to you and that we are properly authorised to use or modify the IP Rights. You agree to indemnify and hold us harmless in respect of any costs, expenses, damages, third party actions or claims arising out of any actual or alleged infringement of third party IP Rights by us or you.
- 2.2. You are responsible (at your cost) for preparing the Location for the delivery and installation of the Goods. In the event that any making good or decorating is required after installation, then that is your responsibility.
- 2.3. You are responsible for ensuring that our employees have safe access to and from your and you must comply with all health and safety regulations in respect of our employees whilst they are on your premises.
- 2.4. You warrant that the Door complies with all applicable laws and standards, including those in respect of fire safety relevant to a fire safety door in the UK. You are responsible for the maintenance of the Door and maintaining its structural integrity.
- 2.5. You will at all times indemnify and keep us fully indemnified on demand from and against all and any liabilities losses, damages, charges, costs (including but not limited to legal and other professional expenses) and expenses of any nature incurred by us directly or indirectly as a result of or in connection with a breach by you of clause 2.4 above. You will not be liable if and to the extent that this indemnity would be contrary to public policy.



Specific Terms: Maintenance Services

These Terms apply to the provision of all Maintenance Services

Definitions

So as to be clear, the following words shall have the following meanings:

Ad-Hoc Maintenance Services; maintenance services provided on request when no Contracted Maintenance Services are in place;

Contracted Maintenance Services: the services described in a Service Schedule;

End of Life: the Goods concerned have exceeded the life expectancy we would have reasonably expected given the conditions of their installation, maintenance and use;

Equipment: the goods that are the subject of the Maintenance Services;

Maintenance Level: the type of maintenance to be provided as set out in the Quotation; and Maintenance Services: Ad-Hoc and Contracted

Maintenance Services.

Inspection

Prior to agreeing to provide Contracted Maintenance Services we may inspect your Equipment to ensure that the Equipment is suitable for Contracted Maintenance Services. If remedial work is required, then we will provide an estimate for the same.

3. Our Obligations

We will, from the start date set out in the Quotation, provide the Contracted Maintenance Services as described in the attached Service Schedule until this Contract is terminated in accordance with the Terms or withdrawn under paragraph 6.2 of these Specific Terms.

4. Your Obligations

- 4.1. You will shall (in each case insofar as is reasonably necessary to enable us to effectively carry out Maintenance Services):
- 4.1.1. ensure that adequate electrical power is supplied to all Equipment;
- 4.1.2. store, operate and maintain Equipment in accordance with any instructions in writing from us;
- 4.1.3. keep the external surfaces of Equipment clean and in good condition;
- 4.1.4. ensure that only competent and trained persons operate Equipment;
- 4.1.5. not make any addition, modification or adjustment to Equipment without our prior written consent;
- 4.1.6. use only accessories and consumables approved by us (our approval not to be unreasonably withheld); and
- 4.1.7. ensure that only our personnel are permitted to maintain, service or carry out adjustments to Equipment.
- 4.2. You warrant that the Equipment is in good condition and fully operational at the date of this Contract.
- 4.3. You warrant that the Door complies with all applicable laws and standards, including those in respect of fire safety relevant to a fire safety door in the UK. You

- are responsible for the maintenance of the Door and maintaining its structural integrity.
- 4.4. You will at all times indemnify and keep us fully indemnified on demand from and against all and any liabilities losses, damages, charges, costs (including but not limited to legal and other professional expenses) and expenses of any nature incurred by us directly or indirectly as a result of or in connection with a breach by you of clause 2.4 above. You will not be liable if and to the extent that this indemnity would be contrary to public policy.

5. **Replaced Equipment**

- 5.1. All replacement Equipment installed by us during the supply of Maintenance Services ("Replaced Equipment") shall be chargeable unless otherwise confirmed by us or included in the relevant Maintenance Level. The cost of Replaced Equipment provided other than during the supply of Maintenance Services will be charged to you.
- 5.2. Equipment removed shall become our property and the Replaced Equipment shall become your property upon installation, subject to payment of any due Charges.
- 5.3. We do not supply as part of the Maintenance Services, any item we, acting reasonably, consider to be a consumable...

Exclusions

- 6.1. Contracted Maintenance Services do not include any maintenance made necessary by:
- 6.1.1. fault or defect occurring in any equipment other than the Equipment;
- 6.1.2. use of Equipment contrary to our written instructions or documentation;
- 6.1.3. accident, fault, act or your omission and/ or any third party;
- 6.1.4. use of Equipment in excess of any maximum usage specified by us or the manufacturer;
- 6.1.5. failure of electrical power, air conditioning, humidity or other environmental controls;
- 6.1.6. electrical work external to any Equipment;
- 6.1.7. damage by vandalism, fire, water or adverse weather conditions;
- 6.1.8. movement or relocation of Equipment not performed by us or on our behalf;
- 6.1.9. breach of your obligations in this Contract;
- 6.1.10. removal of the whole or any part of Equipment;
- 6.1.11. goods, accessories, attachments, machines, systems or other devices not referred to in our documentation or approved in writing by us;
- 6.1.12. maintenance rendered more difficult because of any changes, alterations, additions, modifications or variations to your Location; or diagnosis and/or rectification of problems not associated with Equipment.
- 6.2. We reserve the right to withdraw Maintenance Services in respect of Equipment (or any part of the Equipment) if that Equipment is:
- 6.2.1. moved, repaired or modified other than by us or with

Specific Terms: Maintenance Services

- our prior written consent. Maintenance Services on such Equipment can resume as soon it has passed our Maintenance Services acceptability tests, carried out at your expense; or
- 6.2.2. in our opinion (acting reasonably), has reached its End of life.
- 7. Charges
- 7.1. Ad-Hoc Maintenance Services:
- 7.1.1. We will accept written (including email) order if no formal purchase order can be raised. Such an order is not cancellable.
- 7.1.2. The Charge will be based on the call out fee together with the cost of any further time necessary and the cost of Goods. We accept orders with a budgetary limit but, if there is none, our engineer will complete the repair.
- 7.1.3. If there is no access or there is no-one on site when we attend, this will give rise to a call out charge.
- 7.1.4. We agree that the signature of your employee or agent on the relevant worksheet will be accepted as

- confirmation of satisfactory completion of the work.
- 7.2. Contracted Maintenance Services:
- 7.2.1. If we attend your Location to carry out Contracted Maintenance Services a charge will be made in the following circumstances:
- 7.2.1.1. access is refused or there is no-one at the Location;
- 7.2.1.2. the fault arises from one or more of the exclusions in paragraph 6 above; and
- 7.2.1.3. there is no fault and it was not reasonable to request Maintenance Services.
- 7.2.2. Invoices will be rendered in advance of the period to which they relate.

Termination

Either party may terminate the provision of Contracted Maintenance Services by giving not less than three months' notice in writing, expiring on any anniversary of the start of the Contracted Maintenance Services.



Specific Terms: Main Contractor

These Terms apply to any Contract with a main contractor or subcontractor who is entering into a Contract with us on behalf of a client.

Definitions

So as to be clear, the following words shall have the following meanings:

Contractor: the entity entering into the Contract with us. **Client:** the Contractor's ultimate client, usually referred to as the 'Employer'.

Payments

- 2.1. Notwithstanding any clauses in the sub-contract relating to set-off etc, the maximum amount that may be deducted from us in respect of uninsured liabilities for proven set-off costs is 50% of the sub-contract sum.
- 2.2. We will not accept ,pay when paid' clauses. Unless otherwise agreed, our normal payment terms will apply.

- 2.3. In the event of the Client's insolvency, you, the Contractor, will be liable to pay us for the value of works executed including materials manufactured but not delivered and/or installed.
- 2.4. Unless otherwise agreed in writing, all Quotations are based on the General Terms and the relevant Specific Terms being accepted in full and that there is no retention

3. Liquidated & ascertained damages.

- 3.1. Unless otherwise agreed we will only accept levels of liquidated damages of 1% of our order value per week up to a combined weekly total of 10% of the total order value applicable to those works.
- 3.2. We will only agree to the deduction of liquidated damages where the Client has deducted them from the Contractor and we have caused a delay.



Our Sustainability Commitment

We are committed to foster a sustainable development along our entire value chain in line with our economic, environmental and social responsibilities toward current and future generations. Sustainability at product level is an important, future-oriented approach in the field of construction. In order to give quantified disclosures of a product's environmental impact through its entire life cycle, dormakaba provides Environmental Product Declarations (EPD), based on holistic life cycle assessments.

www.dormakaba.com/sustainability



Our offering

Access Automation Solutions

Entrance Automation Entrance Security



Access Control Solutions

Electronic Access & Data Escape and Rescue Systems Lodging Systems



Access Hardware Solutions

Door Closers Architectural Hardware Mechanical Key Systems



Services

Technical Support Installation and commissioning Maintenance and Repair



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