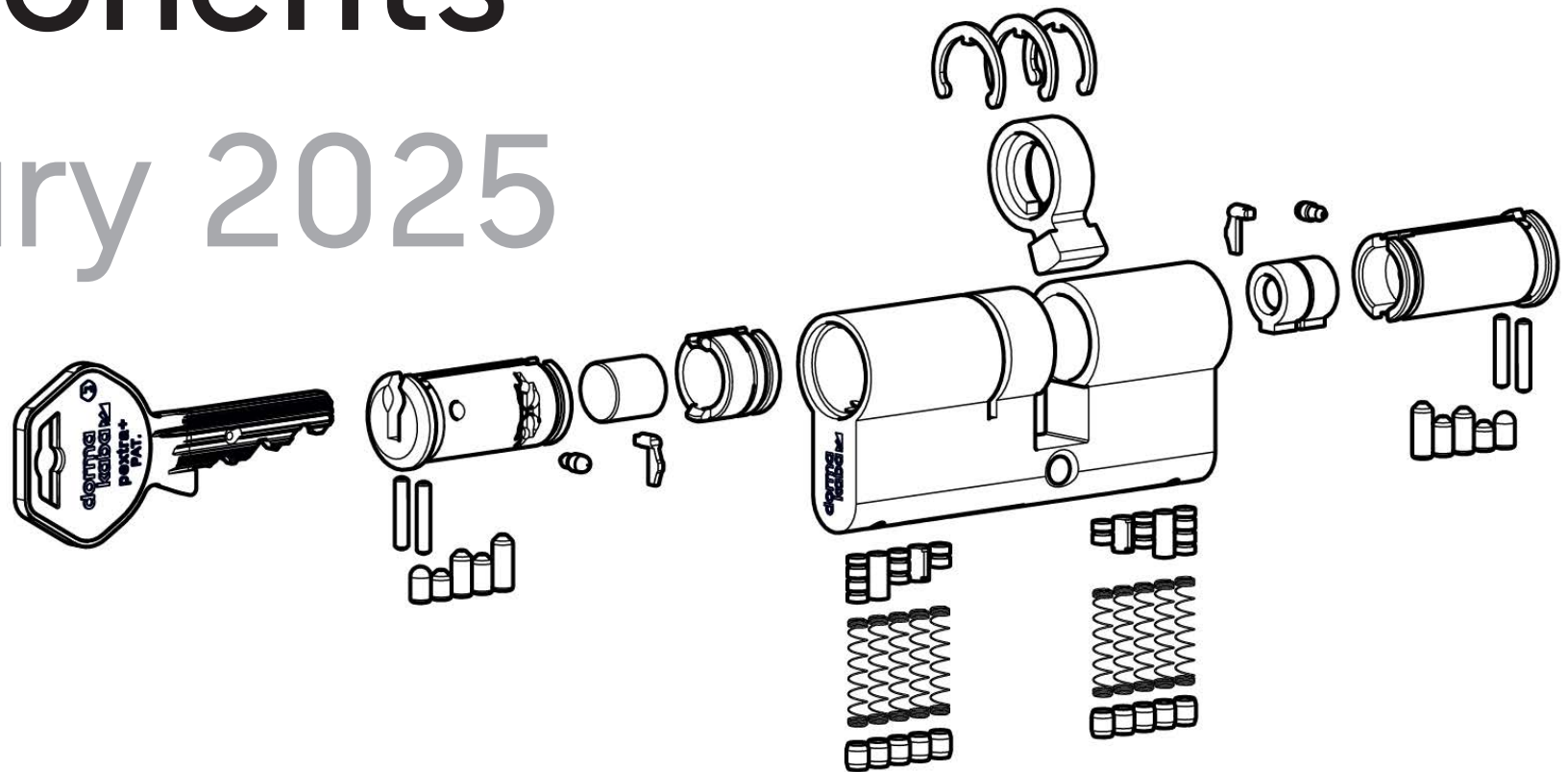
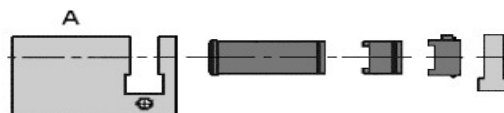


January 2025



Euro Single Cylinder Component Matrix



Pextra Q Active

		Side A				
Side A (mm)	Housing (NI)	Barrel (NI)	Barrel Extension		CAM	Coupling
31.5	7072-NI	23011116			0480	0479
35.5	7073-NI	23011117			0480	0479
40	7074-NI	23011116	7.5mm	0167	0480	0479
45	7075-NI	23011116	12.5mm	0169	0480	0479
50	7076-NI	23011116	17.5mm	0171	0480	0479
55	7077-NI	23011116	22.5mm	0173	0480	0479
60	7078-NI	23011116	27.5mm	0175	0480	0479

Pextra+ Active

		Side A				
Side A (mm)	Housing (NI)	Barrel (NI)	Barrel Extension		CAM	Coupling
31.5	7072-NI	23000695			0480	0479
35.5	7073-NI	23000696			0480	0479
40	7074-NI	23000695	7.5mm	0167	0480	0479
45	7075-NI	23000695	12.5mm	0169	0480	0479
50	7076-NI	23000695	17.5mm	0171	0480	0479
55	7077-NI	23000695	22.5mm	0173	0480	0479
60	7078-NI	23000695	27.5mm	0175	0480	0479

Pextra+

		Side A				
Side A (mm)	Housing (NI)	Barrel (NI)	Barrel Extension		CAM	Coupling
31.5	7072-NI	23001873			0480	0479
35.5	7073-NI	23001874			0480	0479
40	7074-NI	23001873	7.5mm	0167	0480	0479
45	7075-NI	23001873	12.5mm	0169	0480	0479
50	7076-NI	23001873	17.5mm	0171	0480	0479
55	7077-NI	23001873	22.5mm	0173	0480	0479
60	7078-NI	23001873	27.5mm	0175	0480	0479

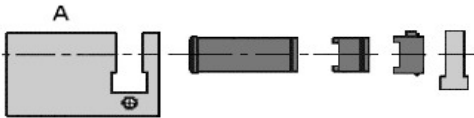
Pextra Active

		Side A				
Side A (mm)	Housing (NI)	Barrel (NI)	Barrel Extension		CAM	Coupling
31.5	7072-NI	B703NI-			0480	0479
35.5	7073-NI	B704NI-			0480	0479
40	7074-NI	B703NI-	7.5mm	0167	0480	0479
45	7075-NI	B703NI-	12.5mm	0169	0480	0479
50	7076-NI	B703NI-	17.5mm	0171	0480	0479
55	7077-NI	B703NI-	22.5mm	0173	0480	0479
60	7078-NI	B703NI-	27.5mm	0175	0480	0479

Pextra

		Side A				
Side A (mm)	Housing (NI)	Barrel (NI)	Barrel Extension		CAM	Coupling
31.5	7072-NI	B700NI-			0480	0479
35.5	7073-NI	B701NI-			0480	0479
40	7074-NI	B700NI-	7.5mm	0167	0480	0479
45	7075-NI	B700NI-	12.5mm	0169	0480	0479
50	7076-NI	B700NI-	17.5mm	0171	0480	0479
55	7077-NI	B700NI-	22.5mm	0173	0480	0479
60	7078-NI	B700NI-	27.5mm	0175	0480	0479

Euro Single Cylinder Component Matrix



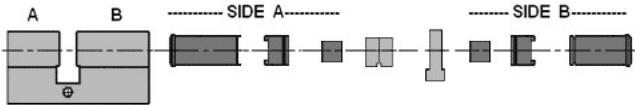
AP2000 - 6 Pin

		Side A				
Side A (mm)	Housing (NI)	Barrel (NI)	Barrel Extension		CAM	Coupling
31.5	7072-NI	B103NI-			0480	0479
35.5	7073-NI	B104NI-			0480	0479
40	7074-NI	B103NI-	7.5mm	0167	0480	0479
45	7075-NI	B103NI-	12.5mm	0169	0480	0479
50	7076-NI	B103NI-	17.5mm	0171	0480	0479
55	7077-NI	B103NI-	22.5mm	0173	0480	0479
60	7078-NI	B103NI-	27.5mm	0175	0480	0479

AP2000 - 5 Pin

		Side A				
Side A (mm)	Housing (NI)	Barrel (NI)	Barrel Extension		CAM	Coupling
31.5	7072-NI	B100NI-			0480	0479
35.5	7073-NI	B101NI-			0480	0479
40	7074-NI	B100NI-	7.5mm	0167	0480	0479
45	7075-NI	B100NI-	12.5mm	0169	0480	0479
50	7076-NI	B100NI-	17.5mm	0171	0480	0479
55	7077-NI	B100NI-	22.5mm	0173	0480	0479
60	7078-NI	B100NI-	27.5mm	0175	0480	0479

Euro Double Cylinder Component Matrix



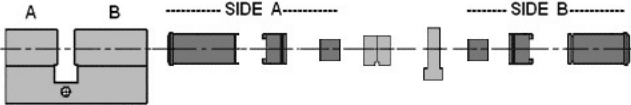
Pextra Q Active

Extra Q Active			Side A										Side B									
Side A (mm)	Side B (mm)	Housing Ref (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		Roller Coupling		CAM	Coupling		Roller Coupling		Roller Coupling		Barrel Extension	Barrel (NI)			
31.5	31.5	7036-NI	31.5mm	23011116							0201	KZ+KZ	0217						23011116			
31.5	35.5	7037-NI	31.5mm	23011116							0201	KZ+ DZ/2	0219						23011116			
31.5	40	7038-NI	31.5mm	23011116							0201	KZ+DZ	0218			5.7mm	0228	7.5mm	0167			
31.5	45	7040-NI	31.5mm	23011116							0201	KZ+DZ	0218	5.7mm	0228	5mm	0227	12.5mm	0169			
31.5	50	7043-NI	31.5mm	23011116							0201	KZ+DZ	0218	10mm	0232	5.7mm	0228	17.5mm	0171			
31.5	55	7046-NI	31.5mm	23011116							0201	KZ+DZ	0218	15mm	0233	5.7mm	0228	22.5mm	0173			
31.5	60	7048-NI	31.5mm	23011116							0201	KZ+DZ	0218	20mm	0234	5.7mm	0228	27.5mm	0175			
35.5	35.5	7039-NI	35.5mm	23011117							0201	DZ/2+DZ/2	0221						23011117			
35.5	40	7041-NI	35.5mm	23011117							0201	DZ/2+DZ	0220			5.7mm	0228	7.5mm	0167			
35.5	45	7042-NI	35.5mm	23011117							0201	DZ/2+DZ	0220	5.7mm	0228	5mm	0227	12.5mm	0169			
35.5	50	7045-NI	35.5mm	23011117							0201	DZ/2+DZ	0220	10mm	0232	5.7mm	0228	17.5mm	0171			
35.5	55	7049-NI	35.5mm	23011117							0201	DZ/2+DZ	0220	15mm	0233	5.7mm	0228	22.5mm	0173			
35.5	60	7053-NI	35.5mm	23011117							0201	DZ/2+DZ	0220	20mm	0234	5.7mm	0228	27.5mm	0175			
40	40	7044-NI	31.5mm	23011116	7.5mm	0167	5.7mm	0228			0201	DZ+DZ	0216			5.7mm	0228	7.5mm	0167			
40	45	7047-NI	31.5mm	23011116	7.5mm	0167	5.7mm	0228			0201	DZ+DZ	0216	5.7mm	0228	5mm	0227	12.5mm	0169			
40	50	7050-NI	31.5mm	23011116	7.5mm	0167	5.7mm	0228			0201	DZ+DZ	0216	10mm	0232	5.7mm	0228	17.5mm	0171			
40	55	7052-NI	31.5mm	23011116	7.5mm	0167	5.7mm	0228			0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173			
40	60	7056-NI	31.5mm	23011116	7.5mm	0167	5.7mm	0228			0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175			
45	45	7051-NI	31.5mm	23011116	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	5.7mm	0228	5mm	0227	12.5mm	0169			
45	50	7055-NI	31.5mm	23011116	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	10mm	0232	5.7mm	0228	17.5mm	0171			
45	55	7057-NI	31.5mm	23011116	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173			
45	60	7059-NI	31.5mm	23011116	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175			
50	50	7058-NI	31.5mm	23011116	17.5mm	0171	5.7mm	0228	10mm	0232	0201	DZ+DZ	0216	10mm	0232	5.7mm	0228	17.5mm	0171			
50	55	7068-NI	31.5mm	23011116	17.5mm	0171	5.7mm	0228	10mm	0232	0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173			
50	60	7060-NI	31.5mm	23011116	17.5mm	0171	5.7mm	0228	10mm	0232	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175			
55	55	7061-NI	31.5mm	23011116	22.5mm	0173	5.7mm	0228	15mm	0233	0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173			
55	60	7070-NI	31.5mm	23011116	22.5mm	0173	5.7mm	0228	15mm	0233	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175			
60	60	7062-NI	31.5mm	23011116	27.5mm	0175	5.7mm	0228	20mm	0234	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175			

Pextra+ Active

Extra+ Active			Side A								Side B								
Side A (mm)	Side B (mm)	Housing Ref (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		Roller Coupling	CAM	Coupling		Roller Coupling		Roller Coupling		Barrel Extension	Barrel (NI)	
31.5	31.5	7036-NI	31.5mm	23000695						0201	KZ+KZ	0217						23000695	
31.5	35.5	7037-NI	31.5mm	23000695						0201	KZ+ DZ/2	0219						23000695	
31.5	40	7038-NI	31.5mm	23000695						0201	KZ+DZ	0218			5.7mm	0228	7.5mm	0167	
31.5	45	7040-NI	31.5mm	23000695						0201	KZ+DZ	0218	5.7mm	0228	5mm	0227	12.5mm	0169	
31.5	50	7043-NI	31.5mm	23000695						0201	KZ+DZ	0218	10mm	0232	5.7mm	0228	17.5mm	0171	
31.5	55	7046-NI	31.5mm	23000695						0201	KZ+DZ	0218	15mm	0233	5.7mm	0228	22.5mm	0173	
31.5	60	7048-NI	31.5mm	23000695						0201	KZ+DZ	0218	20mm	0234	5.7mm	0228	27.5mm	0175	
35.5	35.5	7039-NI	35.5mm	23000696						0201	DZ/2+DZ/2	0221						23000696	
35.5	40	7041-NI	35.5mm	23000696						0201	DZ/2+DZ	0220			5.7mm	0228	7.5mm	0167	
35.5	45	7042-NI	35.5mm	23000696						0201	DZ/2+DZ	0220	5.7mm	0228	5mm	0227	12.5mm	0169	
35.5	50	7045-NI	35.5mm	23000696						0201	DZ/2+DZ	0220	10mm	0232	5.7mm	0228	17.5mm	0171	
35.5	55	7049-NI	35.5mm	23000696						0201	DZ/2+DZ	0220	15mm	0233	5.7mm	0228	22.5mm	0173	
35.5	60	7053-NI	35.5mm	23000696						0201	DZ/2+DZ	0220	20mm	0234	5.7mm	0228	27.5mm	0175	
40	40	7044-NI	31.5mm	23000695	7.5mm	0167	5.7mm	0228		0201	DZ+DZ	0216			5.7mm	0228	7.5mm	0167	
40	45	7047-NI	31.5mm	23000695	7.5mm	0167	5.7mm	0228		0201	DZ+DZ	0216	5.7mm	0228	5mm	0227	12.5mm	0169	
40	50	7050-NI	31.5mm	23000695	7.5mm	0167	5.7mm	0228		0201	DZ+DZ	0216	10mm	0232	5.7mm	0228	17.5mm	0171	
40	55	7052-NI	31.5mm	23000695	7.5mm	0167	5.7mm	0228		0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173	
40	60	7056-NI	31.5mm	23000695	7.5mm	0167	5.7mm	0228		0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175	
45	45	7051-NI	31.5mm	23000695	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	5.7mm	0228	5mm	0227	12.5mm	0169
45	50	7055-NI	31.5mm	23000695	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	10mm	0232	5.7mm	0228	17.5mm	0171
45	55	7057-NI	31.5mm	23000695	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173
45	60	7059-NI	31.5mm	23000695	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175
50	50	7058-NI	31.5mm	23000695	17.5mm	0171	5.7mm	0228	10mm	0232	0201	DZ+DZ	0216	10mm	0232	5.7mm	0228	17.5mm	0171
50	55	7068-NI	31.5mm	23000695	17.5mm	0171	5.7mm	0228	10mm	0232	0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173
50	60	7060-NI	31.5mm	23000695	17.5mm	0171	5.7mm	0228	10mm	0232	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175
55	55	7061-NI	31.5mm	23000695	22.5mm	0173	5.7mm	0228	15mm	0233	0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173
55	60	7070-NI	31.5mm	23000695	22.5mm	0173	5.7mm	0228	15mm	0233	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175
60	60	7062-NI	31.5mm	23000695	27.5mm	0175	5.7mm	0228	20mm	0234	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175

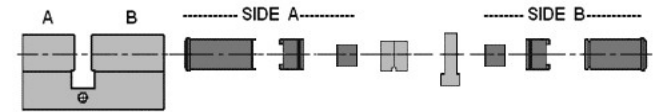
Euro Double Cylinder Component Matrix



extra+			Side A								Side B									
Side A (mm)	Side B (mm)	Housing Ref (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		Roller Coupling		CAM	Coupling		Roller Coupling		Roller Coupling		Barrel Extension		Barrel (NI)
31.5	31.5	7036-NI	31.5mm	23001873							0201	KZ+KZ	0217							23001873
31.5	35.5	7037-NI	31.5mm	23001873							0201	KZ+ DZ/2	0219							23001873
31.5	40	7038-NI	31.5mm	23001873							0201	KZ+DZ	0218			5.7mm	0228	7.5mm	0167	23001873
31.5	45	7040-NI	31.5mm	23001873							0201	KZ+DZ	0218	5.7mm	0228	5mm	0227	12.5mm	0169	23001873
31.5	50	7043-NI	31.5mm	23001873							0201	KZ+DZ	0218	10mm	0232	5.7mm	0228	17.5mm	0171	23001873
31.5	55	7046-NI	31.5mm	23001873							0201	KZ+DZ	0218	15mm	0233	5.7mm	0228	22.5mm	0173	23001873
31.5	60	7048-NI	31.5mm	23001873							0201	KZ+DZ	0218	20mm	0234	5.7mm	0228	27.5mm	0175	23001873
35.5	35.5	7039-NI	35.5mm	23001874							0201	DZ/2+DZ/2	0221							23001874
35.5	40	7041-NI	35.5mm	23001874							0201	DZ/2+DZ	0220			5.7mm	0228	7.5mm	0167	23001874
35.5	45	7042-NI	35.5mm	23001874							0201	DZ/2+DZ	0220	5.7mm	0228	5mm	0227	12.5mm	0169	23001874
35.5	50	7045-NI	35.5mm	23001874							0201	DZ/2+DZ	0220	10mm	0232	5.7mm	0228	17.5mm	0171	23001874
35.5	55	7049-NI	35.5mm	23001874							0201	DZ/2+DZ	0220	15mm	0233	5.7mm	0228	22.5mm	0173	23001874
35.5	60	7053-NI	35.5mm	23001874							0201	DZ/2+DZ	0220	20mm	0234	5.7mm	0228	27.5mm	0175	23001874
40	40	7044-NI	31.5mm	23001873	7.5mm	0167	5.7mm	0228			0201	DZ+DZ	0216			5.7mm	0228	7.5mm	0167	23001873
40	45	7047-NI	31.5mm	23001873	7.5mm	0167	5.7mm	0228			0201	DZ+DZ	0216	5.7mm	0228	5mm	0227	12.5mm	0169	23001873
40	50	7050-NI	31.5mm	23001873	7.5mm	0167	5.7mm	0228			0201	DZ+DZ	0216	10mm	0232	5.7mm	0228	17.5mm	0171	23001873
40	55	7052-NI	31.5mm	23001873	7.5mm	0167	5.7mm	0228			0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173	23001873
40	60	7056-NI	31.5mm	23001873	7.5mm	0167	5.7mm	0228			0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175	23001873
45	45	7051-NI	31.5mm	23001873	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	5.7mm	0228	5mm	0227	12.5mm	0169	23001873
45	50	7055-NI	31.5mm	23001873	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	10mm	0232	5.7mm	0228	17.5mm	0171	23001873
45	55	7057-NI	31.5mm	23001873	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173	23001873
45	60	7059-NI	31.5mm	23001873	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175	23001873
50	50	7058-NI	31.5mm	23001873	17.5mm	0171	5.7mm	0228	10mm	0232	0201	DZ+DZ	0216	10mm	0232	5.7mm	0228	17.5mm	0171	23001873
50	55	7068-NI	31.5mm	23001873	17.5mm	0171	5.7mm	0228	10mm	0232	0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173	23001873
50	60	7060-NI	31.5mm	23001873	17.5mm	0171	5.7mm	0228	10mm	0232	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175	23001873
55	55	7061-NI	31.5mm	23001873	22.5mm	0173	5.7mm	0228	15mm	0233	0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173	23001873
55	60	7070-NI	31.5mm	23001873	22.5mm	0173	5.7mm	0228	15mm	0233	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175	23001873
60	60	7062-NI	31.5mm	23001873	27.5mm	0175	5.7mm	0228	20mm	0234	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175	23001873

Extra Active			Side A								Side B									
Side A (mm)	Side B (mm)	Housing Ref (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		Roller Coupling	CAM	Coupling		Roller Coupling		Roller Coupling		Barrel Extension	Barrel (NI)		
31.5	31.5	7036-NI	31.5mm	B703NI-						0201	KZ+KZ	0217						B703NI-		
31.5	35.5	7037-NI	31.5mm	B703NI-						0201	KZ+ DZ/2	0219						B704NI-		
31.5	40	7038-NI	31.5mm	B703NI-						0201	KZ+DZ	0218						B703NI-		
31.5	45	7040-NI	31.5mm	B703NI-						0201	KZ+DZ	0218	5.7mm	0228	5mm	0227	12.5mm	0169	B703NI-	
31.5	50	7043-NI	31.5mm	B703NI-						0201	KZ+DZ	0218	10mm	0232	5.7mm	0228	17.5mm	0171	B703NI-	
31.5	55	7046-NI	31.5mm	B703NI-						0201	KZ+DZ	0218	15mm	0233	5.7mm	0228	22.5mm	0173	B703NI-	
31.5	60	7048-NI	31.5mm	B703NI-						0201	KZ+DZ	0218	20mm	0234	5.7mm	0228	27.5mm	0175	B703NI-	
35.5	35.5	7039-NI	35.5mm	B704NI-						0201	DZ/2+DZ/2	0221							B704NI-	
35.5	40	7041-NI	35.5mm	B704NI-						0201	DZ/2+DZ	0220				5.7mm	0228	7.5mm	0167	B703NI-
35.5	45	7042-NI	35.5mm	B704NI-						0201	DZ/2+DZ	0220	5.7mm	0228	5mm	0227	12.5mm	0169	B703NI-	
35.5	50	7045-NI	35.5mm	B704NI-						0201	DZ/2+DZ	0220	10mm	0232	5.7mm	0228	17.5mm	0171	B703NI-	
35.5	55	7049-NI	35.5mm	B704NI-						0201	DZ/2+DZ	0220	15mm	0233	5.7mm	0228	22.5mm	0173	B703NI-	
35.5	60	7053-NI	35.5mm	B704NI-						0201	DZ/2+DZ	0220	20mm	0234	5.7mm	0228	27.5mm	0175	B703NI-	
40	40	7044-NI	31.5mm	B703NI-	7.5mm	0167	5.7mm	0228		0201	DZ+DZ	0216			5.7mm	0228	7.5mm	0167	B703NI-	
40	45	7047-NI	31.5mm	B703NI-	7.5mm	0167	5.7mm	0228		0201	DZ+DZ	0216	5.7mm	0228	5mm	0227	12.5mm	0169	B703NI-	
40	50	7050-NI	31.5mm	B703NI-	7.5mm	0167	5.7mm	0228		0201	DZ+DZ	0216	10mm	0232	5.7mm	0228	17.5mm	0171	B703NI-	
40	55	7052-NI	31.5mm	B703NI-	7.5mm	0167	5.7mm	0228		0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173	B703NI-	
40	60	7056-NI	31.5mm	B703NI-	7.5mm	0167	5.7mm	0228		0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175	B703NI-	
45	45	7051-NI	31.5mm	B703NI-	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	5.7mm	0228	5mm	0227	12.5mm	0169	B703NI-
45	50	7055-NI	31.5mm	B703NI-	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	10mm	0232	5.7mm	0228	17.5mm	0171	B703NI-
45	55	7057-NI	31.5mm	B703NI-	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173	B703NI-
45	60	7059-NI	31.5mm	B703NI-	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175	B703NI-
50	50	7058-NI	31.5mm	B703NI-	17.5mm	0171	5.7mm	0228	10mm	0232	0201	DZ+DZ	0216	10mm	0232	5.7mm	0228	17.5mm	0171	B703NI-
50	55	7068-NI	31.5mm	B703NI-	17.5mm	0171	5.7mm	0228	10mm	0232	0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173	B703NI-
50	60	7060-NI	31.5mm	B703NI-	17.5mm	0171	5.7mm	0228	10mm	0232	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175	B703NI-
55	55	7061-NI	31.5mm	B703NI-	22.5mm	0173	5.7mm	0228	15mm	0233	0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173	B703NI-
55	60	7070-NI	31.5mm	B703NI-	22.5mm	0173	5.7mm	0228	15mm	0233	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175	B703NI-
60	60	7062-NI	31.5mm	B703NI-	27.5mm	0175	5.7mm	0228	20mm	0234	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175	B703NI-

Euro Double Cylinder Component Matrix



Pextrax			Side A								Side B									
Side A (mm)	Side B (mm)	Housing Ref (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		Roller Coupling	CAM	Coupling		Roller Coupling		Roller Coupling		Barrel Extension		Barrel (NI)	
31.5	31.5	7036-NI	31.5mm	B700NI-						0201	KZ+KZ	0217							B700NI-	
31.5	35.5	7037-NI	31.5mm	B700NI-						0201	KZ+ DZ/2	0219							B701NI-	
31.5	40	7038-NI	31.5mm	B700NI-						0201	KZ+DZ	0218			5.7mm	0228	7.5mm	0167	B700NI-	
31.5	45	7040-NI	31.5mm	B700NI-						0201	KZ+DZ	0218	5.7mm	0228	5mm	0227	12.5mm	0169	B700NI-	
31.5	50	7043-NI	31.5mm	B700NI-						0201	KZ+DZ	0218	10mm	0232	5.7mm	0228	17.5mm	0171	B700NI-	
31.5	55	7046-NI	31.5mm	B700NI-						0201	KZ+DZ	0218	15mm	0233	5.7mm	0228	22.5mm	0173	B700NI-	
31.5	60	7048-NI	31.5mm	B700NI-						0201	KZ+DZ	0218	20mm	0234	5.7mm	0228	27.5mm	0175	B700NI-	
35.5	35.5	7039-NI	35.5mm	B701NI-						0201	DZ/2+DZ/2	0221							B701NI-	
35.5	40	7041-NI	35.5mm	B701NI-						0201	DZ/2+DZ	0220			5.7mm	0228	7.5mm	0167	B700NI-	
35.5	45	7042-NI	35.5mm	B701NI-						0201	DZ/2+DZ	0220	5.7mm	0228	5mm	0227	12.5mm	0169	B700NI-	
35.5	50	7045-NI	35.5mm	B701NI-						0201	DZ/2+DZ	0220	10mm	0232	5.7mm	0228	17.5mm	0171	B700NI-	
35.5	55	7049-NI	35.5mm	B701NI-						0201	DZ/2+DZ	0220	15mm	0233	5.7mm	0228	22.5mm	0173	B700NI-	
35.5	60	7053-NI	35.5mm	B701NI-						0201	DZ/2+DZ	0220	20mm	0234	5.7mm	0228	27.5mm	0175	B700NI-	
40	40	7044-NI	31.5mm	B700NI-	7.5mm	0167	5.7mm	0228		0201	DZ+DZ	0216			5.7mm	0228	7.5mm	0167	B700NI-	
40	45	7047-NI	31.5mm	B700NI-	7.5mm	0167	5.7mm	0228		0201	DZ+DZ	0216	5.7mm	0228	5mm	0227	12.5mm	0169	B700NI-	
40	50	7050-NI	31.5mm	B700NI-	7.5mm	0167	5.7mm	0228		0201	DZ+DZ	0216	10mm	0232	5.7mm	0228	17.5mm	0171	B700NI-	
40	55	7052-NI	31.5mm	B700NI-	7.5mm	0167	5.7mm	0228		0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173	B700NI-	
40	60	7056-NI	31.5mm	B700NI-	7.5mm	0167	5.7mm	0228		0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175	B700NI-	
45	45	7051-NI	31.5mm	B700NI-	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	5.7mm	0228	5mm	0227	12.5mm	0169	B700NI-
45	50	7055-NI	31.5mm	B700NI-	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	10mm	0232	5.7mm	0228	17.5mm	0171	B700NI-
45	55	7057-NI	31.5mm	B700NI-	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173	B700NI-
45	60	7059-NI	31.5mm	B700NI-	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175	B700NI-
50	50	7058-NI	31.5mm	B700NI-	17.5mm	0171	5.7mm	0228	10mm	0232	0201	DZ+DZ	0216	10mm	0232	5.7mm	0228	17.5mm	0171	B700NI-
50	55	7068-NI	31.5mm	B700NI-	17.5mm	0171	5.7mm	0228	10mm	0232	0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173	B700NI-
50	60	7060-NI	31.5mm	B700NI-	17.5mm	0171	5.7mm	0228	10mm	0232	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175	B700NI-
55	55	7061-NI	31.5mm	B700NI-	22.5mm	0173	5.7mm	0228	15mm	0233	0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173	B700NI-
55	60	7070-NI	31.5mm	B700NI-	22.5mm	0173	5.7mm	0228	15mm	0233	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175	B700NI-
60	60	7062-NI	31.5mm	B700NI-	27.5mm	0175	5.7mm	0228	20mm	0234	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175	B700NI-

AP2000 - 6 Pin			Side A											Side B							
Side A (mm)	Side B (mm)	Housing Ref (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		Roller Coupling		CAM	Coupling		Roller Coupling		Roller Coupling		Barrel Extension		Barrel (NI)	
31.5	31.5	7036-NI	31.5mm	B103NI-							0201	KZ+KZ	0217							B103NI-	
31.5	35.5	7037-NI	31.5mm	B103NI-							0201	KZ+ DZ/2	0219							B103NI-	
31.5	40	7038-NI	31.5mm	B103NI-							0201	KZ+DZ	0218			5.7mm	0228	7.5mm	0167	B103NI-	
31.5	45	7040-NI	31.5mm	B103NI-							0201	KZ+DZ	0218	5.7mm	0228	5mm	0227	12.5mm	0169	B103NI-	
31.5	50	7043-NI	31.5mm	B103NI-							0201	KZ+DZ	0218	10mm	0232	5.7mm	0228	17.5mm	0171	B103NI-	
31.5	55	7046-NI	31.5mm	B103NI-							0201	KZ+DZ	0218	15mm	0233	5.7mm	0228	22.5mm	0173	B103NI-	
31.5	60	7048-NI	31.5mm	B103NI-							0201	KZ+DZ	0218	20mm	0234	5.7mm	0228	27.5mm	0175	B103NI-	
35.5	35.5	7039-NI	35.5mm	B104NI-							0201	DZ/2+DZ/2	0221							B104NI-	
35.5	40	7041-NI	35.5mm	B104NI-							0201	DZ/2+DZ	0220			5.7mm	0228	7.5mm	0167	B104NI-	
35.5	45	7042-NI	35.5mm	B104NI-							0201	DZ/2+DZ	0220	5.7mm	0228	5mm	0227	12.5mm	0169	B104NI-	
35.5	50	7045-NI	35.5mm	B104NI-							0201	DZ/2+DZ	0220	10mm	0232	5.7mm	0228	17.5mm	0171	B104NI-	
35.5	55	7049-NI	35.5mm	B104NI-							0201	DZ/2+DZ	0220	15mm	0233	5.7mm	0228	22.5mm	0173	B104NI-	
35.5	60	7053-NI	35.5mm	B104NI-							0201	DZ/2+DZ	0220	20mm	0234	5.7mm	0228	27.5mm	0175	B104NI-	
40	40	7044-NI	31.5mm	B103NI-	7.5mm	0167	5.7mm	0228			0201	DZ+DZ	0216			5.7mm	0228	7.5mm	0167	B103NI-	
40	45	7047-NI	31.5mm	B103NI-	7.5mm	0167	5.7mm	0228			0201	DZ+DZ	0216	5.7mm	0228	5mm	0227	12.5mm	0169	B103NI-	
40	50	7050-NI	31.5mm	B103NI-	7.5mm	0167	5.7mm	0228			0201	DZ+DZ	0216	10mm	0232	5.7mm	0228	17.5mm	0171	B103NI-	
40	55	7052-NI	31.5mm	B103NI-	7.5mm	0167	5.7mm	0228			0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173	B103NI-	
40	60	7056-NI	31.5mm	B103NI-	7.5mm	0167	5.7mm	0228			0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175	B103NI-	
45	45	7051-NI	31.5mm	B103NI-	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	5.7mm	0228	5mm	0227	12.5mm	0169	B103NI-	
45	50	7055-NI	31.5mm	B103NI-	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	10mm	0232	5.7mm	0228	17.5mm	0171	B103NI-	
45	55	7057-NI	31.5mm	B103NI-	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173	B103NI-	
45	60	7059-NI	31.5mm	B103NI-	12.5mm	0169	5mm	0227	5.7mm	0228	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175	B103NI-	
50	50	7058-NI	31.5mm	B103NI-	17.5mm	0171	5.7mm	0228	10mm	0232	0201	DZ+DZ	0216	10mm	0232	5.7mm	0228	17.5mm	0171	B103NI-	
50	55	7068-NI	31.5mm	B103NI-	17.5mm	0171	5.7mm	0228	10mm	0232	0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173	B103NI-	
50	60	7060-NI	31.5mm	B103NI-	17.5mm	0171	5.7mm	0228	10mm	0232	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175	B103NI-	
55	55	7061-NI	31.5mm	B103NI-	22.5mm	0173	5.7mm	0228	15mm	0233	0201	DZ+DZ	0216	15mm	0233	5.7mm	0228	22.5mm	0173	B103NI-	
55	60	7070-NI	31.5mm	B103NI-	22.5mm	0173	5.7mm	0228	15mm	0233	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175	B103NI-	
60	60	7062-NI	31.5mm	B103NI-	27.5mm	0175	5.7mm	0228	20mm	0234	0201	DZ+DZ	0216	20mm	0234	5.7mm	0228	27.5mm	0175	B103NI-	

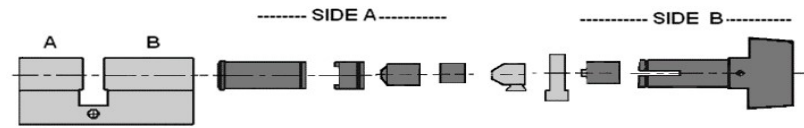
Euro Double Cylinder Component Matrix



AP2000 - 5 Pin

AP2000 - 5 Pin			Side A								Side B											
Side A (mm)	Side B (mm)	Housing Ref (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		Roller Coupling	CAM	Coupling		Roller Coupling		Roller Coupling		Barrel Extension		Barrel (NI)			
31.5	31.5	7036-NI	31.5mm	B100NI-						0201	KZ+KZ	0221							B100NI-			
31.5	35.5	7037-NI	31.5mm	B100NI-						0201	KZ+ DZ/2	0220				6.2mm	0229		B100NI-			
31.5	40	7038-NI	31.5mm	B100NI-						0201	KZ+DZ	0220				9.7mm	0231	7.5mm	O167	B100NI-		
31.5	45	7040-NI	31.5mm	B100NI-						0201	KZ+DZ	0220				14.7mm	11067334	12.5mm	O169	B100NI-		
31.5	50	7043-NI	31.5mm	B100NI-						0201	KZ+DZ	0220				19.7mm	11067350	17.5mm	O171	B100NI-		
31.5	55	7046-NI	31.5mm	B100NI-						0201	KZ+DZ	0220				24.7mm	11067377	22.5mm	O173	B100NI-		
31.5	60	7048-NI	31.5mm	B100NI-						0201	KZ+DZ	0220				29.7mm	11067385	27.5mm	O175	B100NI-		
35.5	35.5	7039-NI	35.5mm	B101NI-			6.2mm	0229		0201	DZ/2+DZ/2	0216				6.2mm	0229			B101NI-		
35.5	40	7041-NI	35.5mm	B101NI-			6.2mm	0229		0201	DZ/2+DZ	0216				9.7mm	0231	7.5mm	O167	B101NI-		
35.5	45	7042-NI	35.5mm	B101NI-			6.2mm	0229		0201	DZ/2+DZ	0216				14.7mm	11067334	12.5mm	O169	B101NI-		
35.5	50	7045-NI	35.5mm	B101NI-			6.2mm	0229		0201	DZ/2+DZ	0216				19.7mm	11067350	17.5mm	O171	B101NI-		
35.5	55	7049-NI	35.5mm	B101NI-			6.2mm	0229		0201	DZ/2+DZ	0216				24.7mm	11067377	22.5mm	O173	B101NI-		
35.5	60	7053-NI	35.5mm	B101NI-			6.2mm	0229		0201	DZ/2+DZ	0216				29.7mm	11067385	27.5mm	O175	B101NI-		
40	40	7044-NI	31.5mm	B100NI-	7.5mm	O167	9.7mm	0231		0201	DZ+DZ	0216				9.7mm	0231	7.5mm	O167	B100NI-		
40	45	7047-NI	31.5mm	B100NI-	7.5mm	O167	9.7mm	0231		0201	DZ+DZ	0216				14.7mm	11067334	12.5mm	O169	B100NI-		
40	50	7050-NI	31.5mm	B100NI-	7.5mm	O167	9.7mm	0231		0201	DZ+DZ	0216				19.7mm	11067350	17.5mm	O171	B100NI-		
40	55	7052-NI	31.5mm	B100NI-	7.5mm	O167	9.7mm	0231		0201	DZ+DZ	0216				24.7mm	11067377	22.5mm	O173	B100NI-		
40	60	7056-NI	31.5mm	B100NI-	7.5mm	O167	9.7mm	0231		0201	DZ+DZ	0216				29.7mm	11067385	27.5mm	O175	B100NI-		
45	45	7051-NI	31.5mm	B100NI-	12.5mm	O169	9.7mm	11067334		0201	DZ+DZ	0216				14.7mm	11067334	12.5mm	O169	B100NI-		
45	50	7055-NI	31.5mm	B100NI-	12.5mm	O169	9.7mm	11067334		0201	DZ+DZ	0216				19.7mm	11067350	17.5mm	O171	B100NI-		
45	55	7057-NI	31.5mm	B100NI-	12.5mm	O169	9.7mm	11067334		0201	DZ+DZ	0216				24.7mm	11067377	22.5mm	O173	B100NI-		
45	60	7059-NI	31.5mm	B100NI-	12.5mm	O169	9.7mm	11067334		0201	DZ+DZ	0216				29.7mm	11067385	27.5mm	O175	B100NI-		
50	50	7058-NI	31.5mm	B100NI-	17.5mm	O171	9.7mm	11067350		0201	DZ+DZ	0216				19.7mm	11067350	17.5mm	O171	B100NI-		
50	55	7068-NI	31.5mm	B100NI-	17.5mm	O171	9.7mm	11067350		0201	DZ+DZ	0216				24.7mm	11067377	22.5mm	O173	B100NI-		
50	60	7060-NI	31.5mm	B100NI-	17.5mm	O171	9.7mm	11067350		0201	DZ+DZ	0216				29.7mm	11067385	27.5mm	O175	B100NI-		
55	55	7061-NI	31.5mm	B100NI-	22.5mm	O173	9.7mm	11067377		0201	DZ+DZ	0216				24.7mm	11067377	22.5mm	O173	B100NI-		
55	60	7070-NI	31.5mm	B100NI-	22.5mm	O173	9.7mm	11067377		0201	DZ+DZ	0216				29.7mm	11067385	27.5mm	O175	B100NI-		
60	60	7062-NI	31.5mm	B100NI-	27.5mm	O175	9.7mm	11067385		0201	DZ+DZ	0216				29.7mm	11067385	27.5mm	O175	B100NI-		

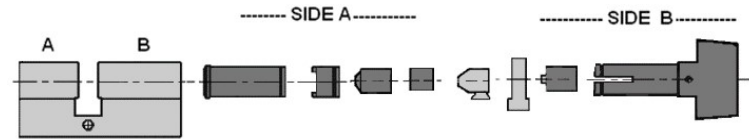
Euro Turn Cylinder Component Matrix



Pextra Q Active

Pextra Q Active			Side A									Side B				
Side A (mm)	Side B (mm)	Euro Housing (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		Roller Coupling	CAM	Coupling		Rotor Size	Rotor Only No Turn	With Turn (if required)	
31.5	31.5	7036-NI	31.5mm	23011116						0204	KZH	23000641	31.5mm	0351	See Thumb Turn Styles page	
31.5	35.5	7037-NI	31.5mm	23011116						0204	KZH	23000641	35.5mm	0352	See Thumb Turn Styles page	
31.5	40	7038-NI	31.5mm	23011116						0204	KZH	23000641	40mm	0353	See Thumb Turn Styles page	
31.5	45	7040-NI	31.5mm	23011116						0204	KZH	23000641	45mm	0550	See Thumb Turn Styles page	
31.5	50	7043-NI	31.5mm	23011116						0204	KZH	23000641	50mm	0551	See Thumb Turn Styles page	
31.5	55	7046-NI	31.5mm	23011116						0204	KZH	23000641	55mm	0552	See Thumb Turn Styles page	
31.5	60	7048-NI	31.5mm	23011116						0204	KZH	23000641	60mm	0553	See Thumb Turn Styles page	
35.5	31.5	7037-NI	35mm	23011117						0204	DZH/2	23000639	31.5mm	0351	See Thumb Turn Styles page	
35.5	35.5	7039-NI	35mm	23011117						0204	DZH/2	23000639	35.5mm	0352	See Thumb Turn Styles page	
35.5	40	7041-NI	35mm	23011117						0204	DZH/2	23000639	40mm	0353	See Thumb Turn Styles page	
35.5	45	7042-NI	35mm	23011117						0204	DZH/2	23000639	45mm	0550	See Thumb Turn Styles page	
35.5	50	7045-NI	35mm	23011117						0204	DZH/2	23000639	50mm	0551	See Thumb Turn Styles page	
35.5	55	7049-NI	35mm	23011117						0204	DZH/2	23000639	55mm	0552	See Thumb Turn Styles page	
35.5	60	7053-NI	35mm	23011117						0204	DZH/2	23000639	60mm	0553	See Thumb Turn Styles page	
40	31.5	7038-NI	31.5mm	23011116	7.5mm	0167	5.7mm	0228		0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page	
40	35.5	7041-NI	31.5mm	23011116	7.5mm	0167	5.7mm	0228		0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page	
40	40	7044-NI	31.5mm	23011116	7.5mm	0167	5.7mm	0228		0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page	
40	45	7047-NI	31.5mm	23011116	7.5mm	0167	5.7mm	0228		0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page	
40	50	7050-NI	31.5mm	23011116	7.5mm	0167	5.7mm	0228		0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page	
40	55	7052-NI	31.5mm	23011116	7.5mm	0167	5.7mm	0228		0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page	
40	60	7056-NI	31.5mm	23011116	7.5mm	0167	5.7mm	0228		0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page	
45	31.5	7040-NI	31.5mm	23011116	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
45	35.5	7042-NI	31.5mm	23011116	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
45	40	7047-NI	31.5mm	23011116	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
45	45	7051-NI	31.5mm	23011116	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
45	50	7055-NI	31.5mm	23011116	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
45	55	7057-NI	31.5mm	23011116	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
45	60	7059-NI	31.5mm	23011116	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
50	31.5	7043-NI	31.5mm	23011116	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
50	35.5	7045-NI	31.5mm	23011116	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
50	40	7050-NI	31.5mm	23011116	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
50	45	7055-NI	31.5mm	23011116	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
50	50	7058-NI	31.5mm	23011116	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
50	55	7068-NI	31.5mm	23011116	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
50	60	7060-NI	31.5mm	23011116	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
55	31.5	7046-NI	31.5mm	23011116	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
55	35.5	7049-NI	31.5mm	23011116	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
55	40	7052-NI	31.5mm	23011116	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
55	45	7057-NI	31.5mm	23011116	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
55	50	7068-NI	31.5mm	23011116	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
55	55	7061-NI	31.5mm	23011116	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
55	60	7070-NI	31.5mm	23011116	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
60	31.5	7048-NI	31.5mm	23011116	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
60	35.5	7053-NI	31.5mm	23011116	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
60	40	7056-NI	31.5mm	23011116	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
60	45	7059-NI	31.5mm	23011116	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
60	50	7060-NI	31.5mm	23011116	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
60	55	7070-NI	31.5mm	23011116	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
60	60	7062-NI	31.5mm	23011116	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page

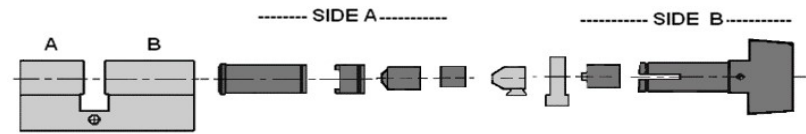
Euro Turn Cylinder Component Matrix



Pextra+ Active

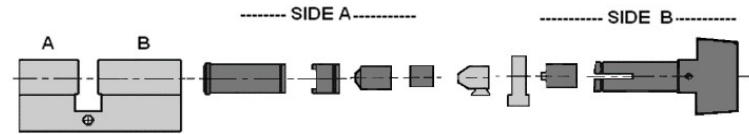
Extra+ Active			Side A									Side B				
Side A (mm)	Side B (mm)	Euro Housing (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		Roller Coupling		CAM	Coupling		Rotor Size	Rotor Only No Turn	With Turn (if required)
31.5	31.5	7036-NI	31.5mm	23000695							0204	KZH	23000641	31.5mm	0351	See Thumb Turn Styles page
31.5	35.5	7037-NI	31.5mm	23000695							0204	KZH	23000641	35.5mm	0352	See Thumb Turn Styles page
31.5	40	7038-NI	31.5mm	23000695							0204	KZH	23000641	40mm	0353	See Thumb Turn Styles page
31.5	45	7040-NI	31.5mm	23000695							0204	KZH	23000641	45mm	0550	See Thumb Turn Styles page
31.5	50	7043-NI	31.5mm	23000695							0204	KZH	23000641	50mm	0551	See Thumb Turn Styles page
31.5	55	7046-NI	31.5mm	23000695							0204	KZH	23000641	55mm	0552	See Thumb Turn Styles page
31.5	60	7048-NI	31.5mm	23000695							0204	KZH	23000641	60mm	0553	See Thumb Turn Styles page
35.5	31.5	7037-NI	35mm	23000696							0204	DZH/2	23000639	31.5mm	0351	See Thumb Turn Styles page
35.5	35.5	7039-NI	35mm	23000696							0204	DZH/2	23000639	35.5mm	0352	See Thumb Turn Styles page
35.5	40	7041-NI	35mm	23000696							0204	DZH/2	23000639	40mm	0353	See Thumb Turn Styles page
35.5	45	7042-NI	35mm	23000696							0204	DZH/2	23000639	45mm	0550	See Thumb Turn Styles page
35.5	50	7045-NI	35mm	23000696							0204	DZH/2	23000639	50mm	0551	See Thumb Turn Styles page
35.5	55	7049-NI	35mm	23000696							0204	DZH/2	23000639	55mm	0552	See Thumb Turn Styles page
35.5	60	7053-NI	35mm	23000696							0204	DZH/2	23000639	60mm	0553	See Thumb Turn Styles page
40	31.5	7038-NI	31.5mm	23000695	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
40	35.5	7041-NI	31.5mm	23000695	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
40	40	7044-NI	31.5mm	23000695	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
40	45	7047-NI	31.5mm	23000695	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
40	50	7050-NI	31.5mm	23000695	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
40	55	7052-NI	31.5mm	23000695	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
40	60	7056-NI	31.5mm	23000695	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
45	31.5	7040-NI	31.5mm	23000695	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
45	35.5	7042-NI	31.5mm	23000695	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
45	40	7047-NI	31.5mm	23000695	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
45	45	7051-NI	31.5mm	23000695	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
45	50	7055-NI	31.5mm	23000695	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
45	55	7057-NI	31.5mm	23000695	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
45	60	7059-NI	31.5mm	23000695	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
50	31.5	7043-NI	31.5mm	23000695	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
50	35.5	7045-NI	31.5mm	23000695	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
50	40	7050-NI	31.5mm	23000695	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
50	45	7055-NI	31.5mm	23000695	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
50	50	7058-NI	31.5mm	23000695	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
50	55	7068-NI	31.5mm	23000695	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
50	60	7060-NI	31.5mm	23000695	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
55	31.5	7046-NI	31.5mm	23000695	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
55	35.5	7049-NI	31.5mm	23000695	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
55	40	7052-NI	31.5mm	23000695	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
55	45	7057-NI	31.5mm	23000695	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
55	50	7068-NI	31.5mm	23000695	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
55	55	7061-NI	31.5mm	23000695	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
55	60	7070-NI	31.5mm	23000695	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
60	31.5	7048-NI	31.5mm	23000695	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
60	35.5	7053-NI	31.5mm	23000695	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
60	40	7056-NI	31.5mm	23000695	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
60	45	7059-NI	31.5mm	23000695	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
60	50	7060-NI	31.5mm	23000695	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
60	55	7070-NI	31.5mm	23000695	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
60	60	7062-NI	31.5mm	23000695	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page

Euro Turn Cylinder Component Matrix



Pextra+			Side A									Side B				
Side A (mm)	Side B (mm)	Euro Housing (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		Roller Coupling		CAM	Coupling		Rotor Size	Rotor Only No Turn	With Turn (if required)
31.5	31.5	7036-NI	31.5mm	23001873							0204	KZH	23000641	31.5mm	0351	See Thumb Turn Styles page
31.5	35.5	7037-NI	31.5mm	23001873							0204	KZH	23000641	35.5mm	0352	See Thumb Turn Styles page
31.5	40	7038-NI	31.5mm	23001873							0204	KZH	23000641	40mm	0353	See Thumb Turn Styles page
31.5	45	7040-NI	31.5mm	23001873							0204	KZH	23000641	45mm	0550	See Thumb Turn Styles page
31.5	50	7043-NI	31.5mm	23001873							0204	KZH	23000641	50mm	0551	See Thumb Turn Styles page
31.5	55	7046-NI	31.5mm	23001873							0204	KZH	23000641	55mm	0552	See Thumb Turn Styles page
31.5	60	7048-NI	31.5mm	23001873							0204	KZH	23000641	60mm	0553	See Thumb Turn Styles page
35.5	31.5	7037-NI	35mm	23001874							0204	DZH/2	23000639	31.5mm	0351	See Thumb Turn Styles page
35.5	35.5	7039-NI	35mm	23001874							0204	DZH/2	23000639	35.5mm	0352	See Thumb Turn Styles page
35.5	40	7041-NI	35mm	23001874							0204	DZH/2	23000639	40mm	0353	See Thumb Turn Styles page
35.5	45	7042-NI	35mm	23001874							0204	DZH/2	23000639	45mm	0550	See Thumb Turn Styles page
35.5	50	7045-NI	35mm	23001874							0204	DZH/2	23000639	50mm	0551	See Thumb Turn Styles page
35.5	55	7049-NI	35mm	23001874							0204	DZH/2	23000639	55mm	0552	See Thumb Turn Styles page
35.5	60	7053-NI	35mm	23001874							0204	DZH/2	23000639	60mm	0553	See Thumb Turn Styles page
40	31.5	7038-NI	31.5mm	23001873	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
40	35.5	7041-NI	31.5mm	23001873	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
40	40	7044-NI	31.5mm	23001873	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
40	45	7047-NI	31.5mm	23001873	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
40	50	7050-NI	31.5mm	23001873	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
40	55	7052-NI	31.5mm	23001873	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
40	60	7056-NI	31.5mm	23001873	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
45	31.5	7040-NI	31.5mm	23001873	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
45	35.5	7042-NI	31.5mm	23001873	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
45	40	7047-NI	31.5mm	23001873	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
45	45	7051-NI	31.5mm	23001873	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
45	50	7055-NI	31.5mm	23001873	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
45	55	7057-NI	31.5mm	23001873	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
45	60	7059-NI	31.5mm	23001873	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
50	31.5	7043-NI	31.5mm	23001873	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
50	35.5	7045-NI	31.5mm	23001873	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
50	40	7050-NI	31.5mm	23001873	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
50	45	7055-NI	31.5mm	23001873	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
50	50	7058-NI	31.5mm	23001873	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
50	55	7068-NI	31.5mm	23001873	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
50	60	7060-NI	31.5mm	23001873	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
55	31.5	7046-NI	31.5mm	23001873	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
55	35.5	7049-NI	31.5mm	23001873	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
55	40	7052-NI	31.5mm	23001873	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
55	45	7057-NI	31.5mm	23001873	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
55	50	7068-NI	31.5mm	23001873	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
55	55	7061-NI	31.5mm	23001873	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
55	60	7070-NI	31.5mm	23001873	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
60	31.5	7048-NI	31.5mm	23001873	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
60	35.5	7053-NI	31.5mm	23001873	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
60	40	7056-NI	31.5mm	23001873	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
60	45	7059-NI	31.5mm	23001873	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
60	50	7060-NI	31.5mm	23001873	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
60	55	7070-NI	31.5mm	23001873	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
60	60	7062-NI	31.5mm	23001873	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page

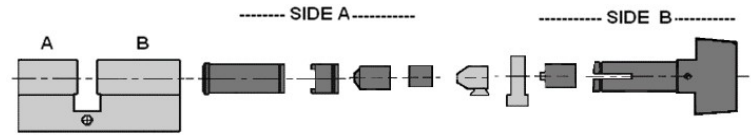
Euro Turn Cylinder Component Matrix



Pextra Active

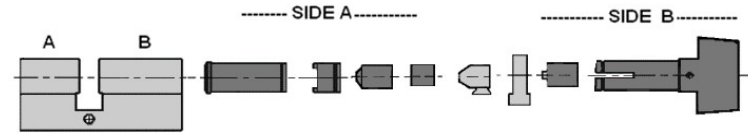
Extra Active			Side A									Side B				
Side A (mm)	Side B (mm)	Euro Housing (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		Roller Coupling		CAM	Coupling		Rotor Size	Rotor Only No Turn	With Turn (if required)
31.5	31.5	7036-NI	31.5mm	B703NI-							0204	KZH	23000641	31.5mm	0351	See Thumb Turn Styles page
31.5	35.5	7037-NI	31.5mm	B703NI-							0204	KZH	23000641	35.5mm	0352	See Thumb Turn Styles page
31.5	40	7038-NI	31.5mm	B703NI-							0204	KZH	23000641	40mm	0353	See Thumb Turn Styles page
31.5	45	7040-NI	31.5mm	B703NI-							0204	KZH	23000641	45mm	0550	See Thumb Turn Styles page
31.5	50	7043-NI	31.5mm	B703NI-							0204	KZH	23000641	50mm	0551	See Thumb Turn Styles page
31.5	55	7046-NI	31.5mm	B703NI-							0204	KZH	23000641	55mm	0552	See Thumb Turn Styles page
31.5	60	7048-NI	31.5mm	B703NI-							0204	KZH	23000641	60mm	0553	See Thumb Turn Styles page
35.5	31.5	7037-NI	35mm	B704NI-							0204	DZH/2	23000639	31.5mm	0351	See Thumb Turn Styles page
35.5	35.5	7039-NI	35mm	B704NI-							0204	DZH/2	23000639	35.5mm	0352	See Thumb Turn Styles page
35.5	40	7041-NI	35mm	B704NI-							0204	DZH/2	23000639	40mm	0353	See Thumb Turn Styles page
35.5	45	7042-NI	35mm	B704NI-							0204	DZH/2	23000639	45mm	0550	See Thumb Turn Styles page
35.5	50	7045-NI	35mm	B704NI-							0204	DZH/2	23000639	50mm	0551	See Thumb Turn Styles page
35.5	55	7049-NI	35mm	B704NI-							0204	DZH/2	23000639	55mm	0552	See Thumb Turn Styles page
35.5	60	7053-NI	35mm	B704NI-							0204	DZH/2	23000639	60mm	0553	See Thumb Turn Styles page
40	31.5	7038-NI	31.5mm	B703NI-	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
40	35.5	7041-NI	31.5mm	B703NI-	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
40	40	7044-NI	31.5mm	B703NI-	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
40	45	7047-NI	31.5mm	B703NI-	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
40	50	7050-NI	31.5mm	B703NI-	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
40	55	7052-NI	31.5mm	B703NI-	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
40	60	7056-NI	31.5mm	B703NI-	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
45	31.5	7040-NI	31.5mm	B703NI-	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
45	35.5	7042-NI	31.5mm	B704NI-	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
45	40	7047-NI	31.5mm	B703NI-	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
45	45	7051-NI	31.5mm	B703NI-	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
45	50	7055-NI	31.5mm	B703NI-	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
45	55	7057-NI	31.5mm	B703NI-	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
45	60	7059-NI	31.5mm	B703NI-	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
50	31.5	7043-NI	31.5mm	B703NI-	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
50	35.5	7045-NI	31.5mm	B704NI-	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
50	40	7050-NI	31.5mm	B703NI-	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
50	45	7055-NI	31.5mm	B703NI-	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
50	50	7058-NI	31.5mm	B703NI-	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
50	55	7068-NI	31.5mm	B703NI-	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
50	60	7060-NI	31.5mm	B703NI-	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
55	31.5	7046-NI	31.5mm	B703NI-	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
55	35.5	7049-NI	31.5mm	B703NI-	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
55	40	7052-NI	31.5mm	B703NI-	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
55	45	7057-NI	31.5mm	B703NI-	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
55	50	7068-NI	31.5mm	B703NI-	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
55	55	7061-NI	31.5mm	B703NI-	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
55	60	7070-NI	31.5mm	B703NI-	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
60	31.5	7048-NI	31.5mm	B703NI-	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
60	35.5	7053-NI	31.5mm	B704NI-	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
60	40	7056-NI	31.5mm	B703NI-	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
60	45	7059-NI	31.5mm	B703NI-	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
60	50	7060-NI	31.5mm	B703NI-	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
60	55	7070-NI	31.5mm	B703NI-	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
60	60	7062-NI	31.5mm	B703NI-	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page

Euro Turn Cylinder Component Matrix



Pextra			Side A									Side B				
Side A (mm)	Side B (mm)	Euro Housing (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		Roller Coupling		CAM	Coupling		Rotor Size	Rotor Only No Turn	With Turn (if required)
31.5	31.5	7036-NI	31.5mm	B700NI-							0204	KZH	23000641	31.5mm	0351	See Thumb Turn Styles page
31.5	35.5	7037-NI	31.5mm	B700NI-							0204	KZH	23000641	35.5mm	0352	See Thumb Turn Styles page
31.5	40	7038-NI	31.5mm	B700NI-							0204	KZH	23000641	40mm	0353	See Thumb Turn Styles page
31.5	45	7040-NI	31.5mm	B700NI-							0204	KZH	23000641	45mm	0550	See Thumb Turn Styles page
31.5	50	7043-NI	31.5mm	B700NI-							0204	KZH	23000641	50mm	0551	See Thumb Turn Styles page
31.5	55	7046-NI	31.5mm	B700NI-							0204	KZH	23000641	55mm	0552	See Thumb Turn Styles page
31.5	60	7048-NI	31.5mm	B700NI-							0204	KZH	23000641	60mm	0553	See Thumb Turn Styles page
35.5	31.5	7037-NI	35mm	B701NI-							0204	DZH/2	23000639	31.5mm	0351	See Thumb Turn Styles page
35.5	35.5	7039-NI	35mm	B701NI-							0204	DZH/2	23000639	35.5mm	0352	See Thumb Turn Styles page
35.5	40	7041-NI	35mm	B701NI-							0204	DZH/2	23000639	40mm	0353	See Thumb Turn Styles page
35.5	45	7042-NI	35mm	B701NI-							0204	DZH/2	23000639	45mm	0550	See Thumb Turn Styles page
35.5	50	7045-NI	35mm	B701NI-							0204	DZH/2	23000639	50mm	0551	See Thumb Turn Styles page
35.5	55	7049-NI	35mm	B701NI-							0204	DZH/2	23000639	55mm	0552	See Thumb Turn Styles page
35.5	60	7053-NI	35mm	B701NI-							0204	DZH/2	23000639	60mm	0553	See Thumb Turn Styles page
40	31.5	7038-NI	31.5mm	B700NI-	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
40	35.5	7041-NI	31.5mm	B700NI-	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
40	40	7044-NI	31.5mm	B700NI-	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
40	45	7047-NI	31.5mm	B700NI-	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
40	50	7050-NI	31.5mm	B700NI-	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
40	55	7052-NI	31.5mm	B700NI-	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
40	60	7056-NI	31.5mm	B700NI-	7.5mm	0167	5.7mm	0228			0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
45	31.5	7040-NI	31.5mm	B700NI-	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
45	35.5	7042-NI	31.5mm	B700NI-	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
45	40	7047-NI	31.5mm	B700NI-	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
45	45	7051-NI	31.5mm	B700NI-	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
45	50	7055-NI	31.5mm	B700NI-	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
45	55	7057-NI	31.5mm	B700NI-	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
45	60	7059-NI	31.5mm	B700NI-	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
50	31.5	7043-NI	31.5mm	B700NI-	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
50	35.5	7045-NI	31.5mm	B700NI-	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
50	40	7050-NI	31.5mm	B700NI-	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
50	45	7055-NI	31.5mm	B700NI-	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
50	50	7058-NI	31.5mm	B700NI-	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
50	55	7068-NI	31.5mm	B700NI-	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
50	60	7060-NI	31.5mm	B700NI-	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
55	31.5	7046-NI	31.5mm	B700NI-	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
55	35.5	7049-NI	31.5mm	B700NI-	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
55	40	7052-NI	31.5mm	B700NI-	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
55	45	7057-NI	31.5mm	B700NI-	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
55	50	7068-NI	31.5mm	B700NI-	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
55	55	7061-NI	31.5mm	B700NI-	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
55	60	7070-NI	31.5mm	B700NI-	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
60	31.5	7048-NI	31.5mm	B700NI-	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
60	35.5	7053-NI	31.5mm	B700NI-	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
60	40	7056-NI	31.5mm	B700NI-	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
60	45	7059-NI	31.5mm	B700NI-	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
60	50	7060-NI	31.5mm	B700NI-	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
60	55	7070-NI	31.5mm	B700NI-	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
60	60	7062-NI	31.5mm	B700NI-	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page

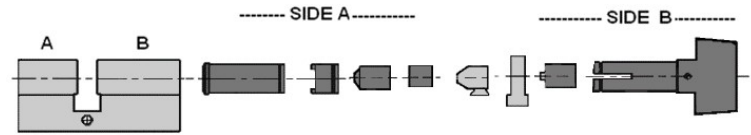
Euro Turn Cylinder Component Matrix



AP2000 - 6 Pin

AP2000 - 6 Pin			Side A									Side B				
Side A (mm)	Side B (mm)	Euro Housing (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		Roller Coupling	CAM	Coupling		Rotor Size	Rotor Only No Turn	With Turn (if required)	
31.5	31.5	7036-NI	31.5mm	B103NI-						0204	KZH	23000641	31.5mm	0351	See Thumb Turn Styles page	
31.5	35.5	7037-NI	31.5mm	B103NI-						0204	KZH	23000641	35.5mm	0352	See Thumb Turn Styles page	
31.5	40	7038-NI	31.5mm	B103NI-						0204	KZH	23000641	40mm	0353	See Thumb Turn Styles page	
31.5	45	7040-NI	31.5mm	B103NI-						0204	KZH	23000641	45mm	0550	See Thumb Turn Styles page	
31.5	50	7043-NI	31.5mm	B103NI-						0204	KZH	23000641	50mm	0551	See Thumb Turn Styles page	
31.5	55	7046-NI	31.5mm	B103NI-						0204	KZH	23000641	55mm	0552	See Thumb Turn Styles page	
31.5	60	7048-NI	31.5mm	B103NI-						0204	KZH	23000641	60mm	0553	See Thumb Turn Styles page	
35.5	31.5	7037-NI	35mm	B104NI-						0204	DZH/2	23000639	31.5mm	0351	See Thumb Turn Styles page	
35.5	35.5	7039-NI	35mm	B104NI-						0204	DZH/2	23000639	35.5mm	0352	See Thumb Turn Styles page	
35.5	40	7041-NI	35mm	B104NI-						0204	DZH/2	23000639	40mm	0353	See Thumb Turn Styles page	
35.5	45	7042-NI	35mm	B104NI-						0204	DZH/2	23000639	45mm	0550	See Thumb Turn Styles page	
35.5	50	7045-NI	35mm	B104NI-						0204	DZH/2	23000639	50mm	0551	See Thumb Turn Styles page	
35.5	55	7049-NI	35mm	B104NI-						0204	DZH/2	23000639	55mm	0552	See Thumb Turn Styles page	
35.5	60	7053-NI	35mm	B104NI-						0204	DZH/2	23000639	60mm	0553	See Thumb Turn Styles page	
40	31.5	7038-NI	31.5mm	B103NI-	7.5mm	0167	5.7mm	0228		0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page	
40	35.5	7041-NI	31.5mm	B103NI-	7.5mm	0167	5.7mm	0228		0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page	
40	40	7044-NI	31.5mm	B103NI-	7.5mm	0167	5.7mm	0228		0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page	
40	45	7047-NI	31.5mm	B103NI-	7.5mm	0167	5.7mm	0228		0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page	
40	50	7050-NI	31.5mm	B103NI-	7.5mm	0167	5.7mm	0228		0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page	
40	55	7052-NI	31.5mm	B103NI-	7.5mm	0167	5.7mm	0228		0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page	
40	60	7056-NI	31.5mm	B103NI-	7.5mm	0167	5.7mm	0228		0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page	
45	31.5	7040-NI	31.5mm	B103NI-	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
45	35.5	7042-NI	31.5mm	B103NI-	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
45	40	7047-NI	31.5mm	B103NI-	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
45	45	7051-NI	31.5mm	B103NI-	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
45	50	7055-NI	31.5mm	B103NI-	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
45	55	7057-NI	31.5mm	B103NI-	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
45	60	7059-NI	31.5mm	B103NI-	12.5mm	0169	5.7mm	0228	5mm	0227	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
50	31.5	7043-NI	31.5mm	B103NI-	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
50	35.5	7045-NI	31.5mm	B103NI-	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
50	40	7050-NI	31.5mm	B103NI-	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
50	45	7055-NI	31.5mm	B103NI-	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
50	50	7058-NI	31.5mm	B103NI-	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
50	55	7068-NI	31.5mm	B103NI-	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
50	60	7060-NI	31.5mm	B103NI-	17.5mm	0171	10mm	0232	5.7mm	0228	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
55	31.5	7046-NI	31.5mm	B103NI-	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
55	35.5	7049-NI	31.5mm	B103NI-	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
55	40	7052-NI	31.5mm	B103NI-	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
55	45	7057-NI	31.5mm	B103NI-	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
55	50	7068-NI	31.5mm	B103NI-	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
55	55	7061-NI	31.5mm	B103NI-	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
55	60	7070-NI	31.5mm	B103NI-	22.5mm	0173	15mm	0233	5.7mm	0228	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page
60	31.5	7048-NI	31.5mm	B103NI-	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	31.5mm	0351	See Thumb Turn Styles page
60	35.5	7053-NI	31.5mm	B103NI-	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page
60	40	7056-NI	31.5mm	B103NI-	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page
60	45	7059-NI	31.5mm	B103NI-	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page
60	50	7060-NI	31.5mm	B103NI-	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page
60	55	7070-NI	31.5mm	B103NI-	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page
60	60	7062-NI	31.5mm	B103NI-	27.5mm	0175	20mm	0234	5.7mm	0228	0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page

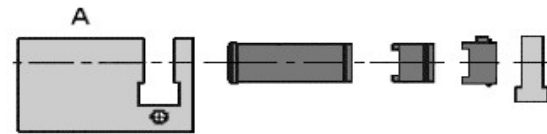
Euro Turn Cylinder Component Matrix



AP2000 - 5 Pin

AP2000 - 5 Pin			Side A									Side B				
Side A (mm)	Side B (mm)	Euro Housing (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		Roller Coupling	CAM	Coupling		Rotor Size	Rotor Only No Turn	With Turn (if required)	
31.5	31.5	7036-NI	31.5mm	B100NI-						0204	KZH	23000639	31.5mm	0351	See Thumb Turn Styles page	
31.5	35.5	7037-NI	31.5mm	B100NI-						0204	KZH	23000640	35.5mm	0352	See Thumb Turn Styles page	
31.5	40	7038-NI	31.5mm	B100NI-						0204	KZH	23000640	40mm	0353	See Thumb Turn Styles page	
31.5	45	7040-NI	31.5mm	B100NI-						0204	KZH	23000640	45mm	0550	See Thumb Turn Styles page	
31.5	50	7043-NI	31.5mm	B100NI-						0204	KZH	23000640	50mm	0551	See Thumb Turn Styles page	
31.5	55	7046-NI	31.5mm	B100NI-						0204	KZH	23000640	55mm	0552	See Thumb Turn Styles page	
31.5	60	7048-NI	31.5mm	B100NI-						0204	KZH	23000640	60mm	0553	See Thumb Turn Styles page	
35.5	31.5	7037-NI	35mm	B101NI-			6.2mm	0229		0204	DZH/2	23000639	31.5mm	0351	See Thumb Turn Styles page	
35.5	35.5	7039-NI	35mm	B101NI-			6.2mm	0229		0204	DZH/2	23000640	35.5mm	0352	See Thumb Turn Styles page	
35.5	40	7041-NI	35mm	B101NI-			6.2mm	0229		0204	DZH/2	23000640	40mm	0353	See Thumb Turn Styles page	
35.5	45	7042-NI	35mm	B101NI-			6.2mm	0229		0204	DZH/2	23000640	45mm	0550	See Thumb Turn Styles page	
35.5	50	7045-NI	35mm	B101NI-			6.2mm	0229		0204	DZH/2	23000640	50mm	0551	See Thumb Turn Styles page	
35.5	55	7049-NI	35mm	B101NI-			6.2mm	0229		0204	DZH/2	23000640	55mm	0552	See Thumb Turn Styles page	
35.5	60	7053-NI	35mm	B101NI-			6.2mm	0229		0204	DZH/2	23000640	60mm	0553	See Thumb Turn Styles page	
40	31.5	7038-NI	31.5mm	B100NI-	7.5mm	0167	9.7mm	0231		0204	DZH	23000639	31.5mm	0351	See Thumb Turn Styles page	
40	35.5	7041-NI	31.5mm	B100NI-	7.5mm	0167	9.7mm	0231		0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page	
40	40	7044-NI	31.5mm	B100NI-	7.5mm	0167	9.7mm	0231		0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page	
40	45	7047-NI	31.5mm	B100NI-	7.5mm	0167	9.7mm	0231		0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page	
40	50	7050-NI	31.5mm	B100NI-	7.5mm	0167	9.7mm	0231		0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page	
40	55	7052-NI	31.5mm	B100NI-	7.5mm	0167	9.7mm	0231		0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page	
40	60	7056-NI	31.5mm	B100NI-	7.5mm	0167	9.7mm	0231		0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page	
45	31.5	7040-NI	31.5mm	B100NI-	12.5mm	0169	14.7mm	11067334		0204	DZH	23000639	31.5mm	0351	See Thumb Turn Styles page	
45	35.5	7042-NI	31.5mm	B100NI-	12.5mm	0169	14.7mm	11067334		0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page	
45	40	7047-NI	31.5mm	B100NI-	12.5mm	0169	14.7mm	11067334		0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page	
45	45	7051-NI	31.5mm	B100NI-	12.5mm	0169	14.7mm	11067334		0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page	
45	50	7055-NI	31.5mm	B100NI-	12.5mm	0169	14.7mm	11067334		0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page	
45	55	7057-NI	31.5mm	B100NI-	12.5mm	0169	14.7mm	11067334		0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page	
45	60	7059-NI	31.5mm	B100NI-	12.5mm	0169	14.7mm	11067334		0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page	
50	31.5	7043-NI	31.5mm	B100NI-	17.5mm	0171	19.7mm	11067350		0204	DZH	23000639	31.5mm	0351	See Thumb Turn Styles page	
50	35.5	7045-NI	31.5mm	B100NI-	17.5mm	0171	19.7mm	11067350		0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page	
50	40	7050-NI	31.5mm	B100NI-	17.5mm	0171	19.7mm	11067350		0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page	
50	45	7055-NI	31.5mm	B100NI-	17.5mm	0171	19.7mm	11067350		0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page	
50	50	7058-NI	31.5mm	B100NI-	17.5mm	0171	19.7mm	11067350		0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page	
50	55	7068-NI	31.5mm	B100NI-	17.5mm	0171	19.7mm	11067350		0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page	
50	60	7060-NI	31.5mm	B100NI-	17.5mm	0171	19.7mm	11067350		0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page	
55	31.5	7046-NI	31.5mm	B100NI-	22.5mm	0173	24.7mm	11067377		0204	DZH	23000639	31.5mm	0351	See Thumb Turn Styles page	
55	35.5	7049-NI	31.5mm	B100NI-	22.5mm	0173	24.7mm	11067377		0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page	
55	40	7052-NI	31.5mm	B100NI-	22.5mm	0173	24.7mm	11067377		0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page	
55	45	7057-NI	31.5mm	B100NI-	22.5mm	0173	24.7mm	11067377		0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page	
55	50	7068-NI	31.5mm	B100NI-	22.5mm	0173	24.7mm	11067377		0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page	
55	55	7061-NI	31.5mm	B100NI-	22.5mm	0173	24.7mm	11067377		0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page	
55	60	7070-NI	31.5mm	B100NI-	22.5mm	0173	24.7mm	11067377		0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page	
60	31.5	7048-NI	31.5mm	B100NI-	27.5mm	0175	29.7mm	11067385		0204	DZH	23000639	31.5mm	0351	See Thumb Turn Styles page	
60	35.5	7053-NI	31.5mm	B100NI-	27.5mm	0175	29.7mm	11067385		0204	DZH	23000640	35.5mm	0352	See Thumb Turn Styles page	
60	40	7056-NI	31.5mm	B100NI-	27.5mm	0175	29.7mm	11067385		0204	DZH	23000640	40mm	0353	See Thumb Turn Styles page	
60	45	7059-NI	31.5mm	B100NI-	27.5mm	0175	29.7mm	11067385		0204	DZH	23000640	45mm	0550	See Thumb Turn Styles page	
60	50	7060-NI	31.5mm	B100NI-	27.5mm	0175	29.7mm	11067385		0204	DZH	23000640	50mm	0551	See Thumb Turn Styles page	
60	55	7070-NI	31.5mm	B100NI-	27.5mm	0175	29.7mm	11067385		0204	DZH	23000640	55mm	0552	See Thumb Turn Styles page	
60	60	7062-NI	31.5mm	B100NI-	27.5mm	0175	29.7mm	11067385		0204	DZH	23000640	60mm	0553	See Thumb Turn Styles page	

Oval Single Cylinder Component Matrix



Pextra Q Active

Side A							
Side A (mm)	Housing (NI)	Barrel Size	Barrel	Barrel Extension		CAM	Coupling
31.5	7086-NI	31.5mm	23011116			0756	0479
35.5	7087-NI	35.5mm	23011117			0756	0479
40	7304-NI	31.5mm	23011116	7.5mm	0167	0756	0479

Pextra+ Active

Side A							
Side A (mm)	Housing (NI)	Barrel Size	Barrel	Barrel Extension		CAM	Coupling
31.5	7086-NI	31.5mm	23000695			0756	0479
35.5	7087-NI	35.5mm	23000696			0756	0479
40	7304-NI	31.5mm	23000695	7.5mm	0167	0756	0479

Pextra+

Side A							
Side A (mm)	Housing (NI)	Barrel Size	Barrel	Barrel Extension		CAM	Coupling
31.5	7086-NI	31.5mm	23001873			0756	0479
35.5	7087-NI	35.5mm	23001874			0756	0479
40	7304-NI	31.5mm	23001873	7.5mm	0167	0756	0479

Pextra Active

Side A							
Side A (mm)	Housing (NI)	Barrel Size	Barrel	Barrel Extension		CAM	Coupling
31.5	7086-NI	31.5mm	B703NI-			0756	0479
35.5	7087-NI	35.5mm	B704NI-			0756	0479
40	7304-NI	31.5mm	B703NI-	7.5mm	0167	0756	0479

Pextra

Side A							
Side A (mm)	Housing (NI)	Barrel Size	Barrel	Barrel Extension		CAM	Coupling
31.5	7086-NI	31.5mm	B700NI-			0756	0479
35.5	7087-NI	35.5mm	B701NI-			0756	0479
40	7304-NI	31.5mm	B700NI-	7.5mm	0167	0756	0479

AP2000 - 6 Pin

Side A							
Side A (mm)	Housing (NI)	Barrel Size	Barrel	Barrel Extension		CAM	Coupling
31.5	7086-NI	31.5mm	B103NI-			0756	0479
35.5	7087-NI	35.5mm	B104NI-			0756	0479
40	7304-NI	31.5mm	B103NI-	7.5mm	0167	0756	0479

AP2000 - 5 Pin

Side A							
Side A (mm)	Housing (NI)	Barrel Size	Barrel	Barrel Extension		CAM	Coupling
31.5	7086-NI	31.5mm	B100NI-			0756	0479
35.5	7087-NI	35.5mm	B101NI-			0756	0479
40	7304-NI	31.5mm	B100NI-	7.5mm	0167	0756	0479

Oval Double Cylinder Component Matrix



Pextra Q Active

Pextra Q Active			Side A							Side B							
Side A (mm)	Side B (mm)	Housing Ref (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		CAM	Coupling		Roller Coupling		Barrel Extension		Barrel Size	Barrel (NI)
31.5	31.5	7036-NI	31.5mm	23011116					0205	KZ+KZ	0217					31.5mm	2.3E+07
35.5	35.5	7039-NI	35.5mm	23011117					0205	DZ/2+DZ/2	0221					35.5mm	23011117
40	40	7044-NI	31.5mm	23011116	7.5mm	0167	0228	5.7mm	0205	DZ+DZ	0216	5.7mm	0228	7.5mm	0167	31.5mm	2.3E+07

Pextra+ Active

Pextra+ Active			Side A							Side B							
Side A (mm)	Side B (mm)	Housing Ref (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		CAM	Coupling		Roller Coupling		Barrel Extension		Barrel Size	Barrel (NI)
31.5	31.5	7036-NI	31.5mm	23000695					0205	KZ+KZ	0217					31.5mm	23000695
35.5	35.5	7039-NI	35.5mm	23000696					0205	DZ/2+DZ/2	0221					35.5mm	23000696
40	40	7044-NI	31.5mm	23000695	7.5mm	0167	0228	5.7mm	0205	DZ+DZ	0216	5.7mm	0228	7.5mm	0167	31.5mm	23000695

Pextra+

Pextra+			Side A							Side B							
Side A (mm)	Side B (mm)	Housing Ref (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		CAM	Coupling		Roller Coupling		Barrel Extension		Barrel Size	Barrel (NI)
31.5	31.5	7036-NI	31.5mm	23001873					0205	KZ+KZ	0217					31.5mm	23001873
35.5	35.5	7039-NI	35.5mm	23001874					0205	DZ/2+DZ/2	0221					35.5mm	23001874
40	40	7044-NI	31.5mm	23001873	7.5mm	0167	0228	5.7mm	0205	DZ+DZ	0216	5.7mm	0228	7.5mm	0167	31.5mm	23001873

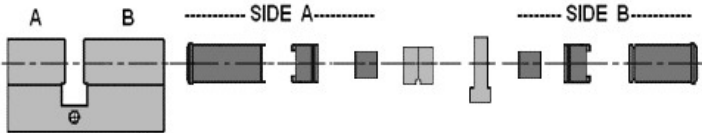
Pextra Active

Pextra Active			Side A							Side B							
Side A (mm)	Side B (mm)	Housing Ref (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		CAM	Coupling		Roller Coupling		Barrel Extension		Barrel Size	Barrel (NI)
31.5	31.5	7036-NI	31.5mm	B703NI-					0205	KZ+KZ	0217					31.5mm	B703NI-
35.5	35.5	7039-NI	35.5mm	B704NI-					0205	DZ/2+DZ/2	0221					35.5mm	B704NI-
40	40	7044-NI	31.5mm	B703NI-	7.5mm	0167	0228	5.7mm	0205	DZ+DZ	0216	5.7mm	0228	7.5mm	0167	31.5mm	B703NI-

Pextra

Pextra			Side A							Side B							
Side A (mm)	Side B (mm)	Housing Ref (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		CAM	Coupling		Roller Coupling		Barrel Extension		Barrel Size	Barrel (NI)
31.5	31.5	7036-NI	31.5mm	B700NI-					0205	KZ+KZ	0217					31.5mm	B700NI-
35.5	35.5	7039-NI	35.5mm	B701NI-					0205	DZ/2+DZ/2	0221					35.5mm	B701NI-
40	40	7044-NI	31.5mm	B700NI-	7.5mm	0167	0228	5.7mm	0205	DZ+DZ	0216	5.7mm	0228	7.5mm	0167	31.5mm	B700NI-

Oval Double Cylinder Component Matrix



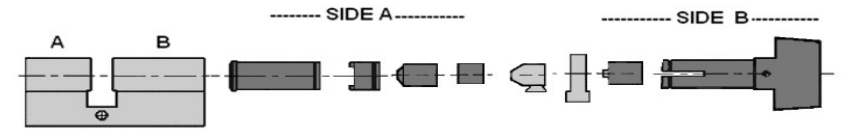
AP2000 - 6 Pin

AP2000 - 6 Pin			Side A										Side B					
Side A (mm)	Side B (mm)	Housing Ref (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		CAM	Coupling		Roller Coupling		Barrel Extension		Barrel Size	Barrel (NI)	
31.5	31.5	7036-NI	31.5mm	B103NI-					0205	KZ+KZ	0217					31.5mm	B103NI-	
35.5	35.5	7039-NI	35.5mm	B104NI-					0205	DZ/2+DZ/2	0221					35.5mm	B104NI-	
40	40	7044-NI	31.5mm	B103NI-	7.5mm	0167	0228	5.7mm	0205	DZ+DZ	0216	5.7mm	0228	7.5mm	0167	31.5mm	B103NI-	

AP2000 - 5 Pin

AP2000 - 5 Pin			Side A									Side B					
Side A (mm)	Side B (mm)	Housing Ref (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		CAM	Coupling		Roller Coupling		Barrel Extension		Barrel Size	Barrel (NI)
31.5	31.5	7036-NI	31.5mm	B100NI-					0205	KZ+KZ	0217					31.5mm	B100NI-
35.5	35.5	7039-NI	35.5mm	B101NI-					0205	DZ/2+DZ/2	0221					35.5mm	B101NI-
40	40	7044-NI	31.5mm	B100NI-	7.5mm	0167	0231	9.7mm	0205	DZ+DZ	0216	5.7mm	0228	0231	9.7mm	31.5mm	B100NI-

Oval Turn Cylinder Component Matrix



Pextra Q Active

Pextra Q Active			Key Side - Side A							Turn Side - Side B						
Side A (mm)	Side B (mm)	Oval Housing (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		CAM	Coupling		Turn Coupling	Spring	Rotor Size	Rotor Only No Turn	With Turn (if required)
31.5	31.5	7082-NI	31.5mm	23011116					0208	KZH	23000641	0185	23000642	31mm	0351	See Thumb Turn Styles page
35.5	35.5	7083-NI	35.5mm	23011117					0208	DZH/2	23000639	0186	23000642	35mm	0352	See Thumb Turn Styles page
40	40	7084-NI	31.5mm	23011116	7.5mm	0167	5.7mm	0228	0208	DZH	23000640	0187	23000642	40mm	0353	See Thumb Turn Styles page

Pextra+ Active

Pextra+ Active			Key Side - Side A									Turn Side - Side B				
Side A (mm)	Side B (mm)	Oval Housing (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		CAM	Coupling		Turn Coupling	Spring	Rotor Size	Rotor Only No Turn	With Turn (if required)
31.5	31.5	7082-NI	31.5mm	23000695					0208	KZH	23000641	0185	23000642	31mm	0351	See Thumb Turn Styles page
35.5	35.5	7083-NI	35.5mm	23000696					0208	DZH/2	23000639	0186	23000642	35mm	0352	See Thumb Turn Styles page
40	40	7084-NI	31.5mm	23000695	7.5mm	0167	5.7mm	0228	0208	DZH	23000640	0187	23000642	40mm	0353	See Thumb Turn Styles page

Pextra+

Pextra+			Key Side - Side A									Turn Side - Side B				
Side A (mm)	Side B (mm)	Oval Housing (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		CAM	Coupling		Turn Coupling	Spring	Rotor Size	Rotor Only No Turn	With Turn (if required)
31.5	31.5	7081-NI	31.5mm	23001873					0208	KZH	23000641	0185	23000642	31mm	0351	See Thumb Turn Styles page
35.5	35.5	7083-NI	35.5mm	23001874					0208	DZH/2	23000639	0186	0195	35mm	0352	See Thumb Turn Styles page
40	40	7084-NI	31.5mm	23001873	7.5mm	0167	5.7mm	0228	0208	DZH	23000640	0187	0196	40mm	0353	See Thumb Turn Styles page

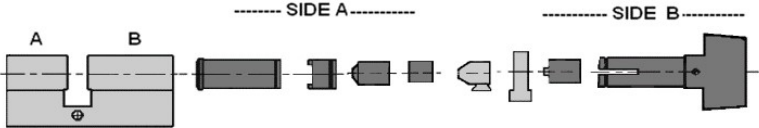
Pextra Active

Pextra Active			Key Side - Side A						Turn Side - Side B							
Side A (mm)	Side B (mm)	Oval Housing (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		CAM	Coupling		Turn Coupling	Spring	Rotor Size	Rotor Only No Turn	With Turn (if required)
31.5	31.5	7081-NI	31.5mm	B703NI-					0208	KZH	23000641	0185	23000642	31mm	0351	See Thumb Turn Styles page
35.5	35.5	7083-NI	35.5mm	B704NI-					0208	DZH/2	23000639	0186	0195	35mm	0352	See Thumb Turn Styles page
40	40	7084-NI	31.5mm	B703NI-	7.5mm	0167	5.7mm	0228	0208	DZH	23000640	0187	0196	40mm	0353	See Thumb Turn Styles page

Pextra

Pextra			Key Side - Side A						Turn Side - Side B							
Side A (mm)	Side B (mm)	Oval Housing (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		CAM	Coupling		Turn Coupling	Spring	Rotor Size	Rotor Only No Turn	With Turn (if required)
31.5	31.5	7081-NI	31.5mm	B703NI-					0208	KZH	23000641	0185	23000642	31mm	0351	See Thumb Turn Styles page
35.5	35.5	7083-NI	35.5mm	B704NI-					0208	DZH/2	23000639	0186	0195	35mm	0352	See Thumb Turn Styles page
40	40	7084-NI	31.5mm	B703NI-	7.5mm	0167	5.7mm	0228	0208	DZH	23000640	0187	0196	40mm	0353	See Thumb Turn Styles page

Oval Turn Cylinder Component Matrix



AP2000 - 6 Pin

			Key Side - Side A						Turn Side - Side B							
Side A (mm)	Side B (mm)	Oval Housing (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		CAM	Coupling		Turn Coupling	Spring	Rotor Size	Rotor Only No Turn	With Turn (if required)
31.5	31.5	7081-NI	31.5mm	B103NI-					0208	KZH	23000641	0185	23000642	31mm	0351	See Thumb Turn Styles page
35.5	35.5	7083-NI	35.5mm	B104NI-					0208	DZH/2	23000639	0186	0195	35mm	0352	See Thumb Turn Styles page
40	40	7084-NI	31.5mm	B103NI-	7.5mm	0167	5.7mm	0228	0208	DZH	23000640	0187	0196	40mm	0353	See Thumb Turn Styles page

AP2000 - 5 Pin

			Key Side - Side A						Turn Side - Side B							
Side A (mm)	Side B (mm)	Oval Housing (NI)	Barrel Size	Barrel (NI)	Barrel Extension		Roller Coupling		CAM	Coupling		Turn Coupling	Spring	Rotor Size	Rotor Only No Turn	With Turn (if required)
31.5	31.5	7081-NI	31.5mm	B100NI-					0208	KZH	23000641	0185	23000642	31mm	0351	See Thumb Turn Styles page
35.5	35.5	7083-NI	35.5mm	B101NI-					0208	DZH/2	23000639	0186	0195	35mm	0352	See Thumb Turn Styles page
40	40	7084-NI	31.5mm	B100NI-	7.5mm	0167	9.7mm	0231	0208	DZH	23000640	0187	0196	40mm	0353	See Thumb Turn Styles page

Scandinavian Cylinder Component Matrix



Pextra Q Active

Type	Housing (NI)	Barrel (NI)	CAM	CAM Retaining Pin
Internal	7523-NI	23011114	0522	0247
External	7521-NI			

Pextra+ Active

Type	Housing (NI)	Barrel (NI)	CAM	CAM Retaining Pin
Internal	7523-NI	23000677	0522	0247
External	7521-NI			

Pextra+

Type	Housing (NI)	Barrel (NI)	CAM	CAM Retaining Pin
Internal	7523-NI	23001872	0522	0247
External	7521-NI			

Pextra Active

Type	Housing (NI)	Barrel (NI)	CAM	CAM Retaining Pin
Internal	7523-NI	B754NI-	0522	0247
External	7521-NI			

Pextra

Type	Housing (NI)	Barrel (NI)	CAM	CAM Retaining Pin
Internal	7523-NI	B754NI-	0522	0247
External	7521-NI			

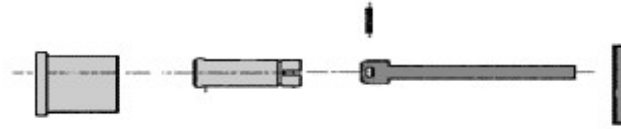
AP2000 - 6 Pin

Type	Housing (NI)	Barrel (NI)	CAM	CAM Retaining Pin
Internal	7523-NI	B107NI-	0522	0247
External	7521-NI			

AP2000 - 5 Pin

Type	Housing (NI)	Barrel (NI)	CAM	CAM Retaining Pin
Internal	7523-NI	B107NI-	0522	0247
External	7521-NI			

Rim Cylinder Component Matrix



Pextra Q Active

Housing (NI)	Barrel (NI)	CAM	CAM Retaining Pin	Rosette
7101-NI	23011120	0214	0247	0259-NI

Pextra+ Active

Housing (NI)	Barrel (NI)	CAM	CAM Retaining Pin	Rosette
7101-NI	23000699	0214	0247	0259-NI

Pextra+

Housing (NI)	Barrel (NI)	CAM	CAM Retaining Pin	Rosette
7101-NI	23001875	0214	0247	0259-NI

Pextra Active

Housing (NI)	Barrel (NI)	CAM	CAM Retaining Pin	Rosette
7101-NI	B733NI-	0214	0247	0259-NI

Pextra

Housing (NI)	Barrel (NI)	CAM	CAM Retaining Pin	Rosette
7101-NI		0214	0247	0259-NI

AP2000 - 6 Pin

Housing (NI)	Barrel (NI)	CAM	CAM Retaining Pin	Rosette
7101-NI	B109NI-	0214	0247	0259-NI

AP2000 - 5 Pin

Housing (NI)	Barrel (NI)	CAM	CAM Retaining Pin	Rosette
7101-NI	B108NI-	0214	0247	0259-NI

Screw In Cylinder Component Matrix



Pextra Q Active

Housing (NI)	Barrel (NI)	CAM to suit ADAMS RITE lock (Standard)	CAM to suit YALE lock	CAM to suit UNION lock	CAM Retaining Screws	Rosette
7103-NI	23011112	0211A	0212	0213	2 x 0264	23005835

Pextra+ Active

Housing (NI)	Barrel (NI)	CAM to suit ADAMS RITE lock (Standard)	CAM to suit YALE lock	CAM to suit UNION lock	CAM Retaining Screws	Rosette
7103-NI	23000676	0211A	0212	0213	2 x 0264	23005835

Pextra+

Housing (NI)	Barrel (NI)	CAM to suit ADAMS RITE lock (Standard)	CAM to suit YALE lock	CAM to suit UNION lock	CAM Retaining Screws	Rosette
7103-NI	23001871	0211A	0212	0213	2 x 0264	23005835

Pextra Active

Housing (NI)	Barrel (NI)	CAM to suit ADAMS RITE lock (Standard)	CAM to suit YALE lock	CAM to suit UNION lock	CAM Retaining Screws	Rosette
7103-NI	B743NI-	0211A	0212	0213	2 x 0264	23005835

Pextra

Housing (NI)	Barrel (NI)	CAM to suit ADAMS RITE lock (Standard)	CAM to suit YALE lock	CAM to suit UNION lock	CAM Retaining Screws	Rosette
7103-NI		0211A	0212	0213	2 x 0264	23005835

AP2000 - 6 Pin

Housing (NI)	Barrel (NI)	CAM to suit ADAMS RITE lock (Standard)	CAM to suit YALE lock	CAM to suit UNION lock	CAM Retaining Screws	Rosette
7103-NI	B111NI-	0211A	0212	0213	2 x 0264	23005835

AP2000 - 5 Pin

Housing (NI)	Barrel (NI)	CAM to suit ADAMS RITE lock (Standard)	CAM to suit YALE lock	CAM to suit UNION lock	CAM Retaining Screws	Rosette
7103-NI	B110NI-	0211A	0212	0213	2 x 0264	23005835

Thumbturn Configuration Matrix

Individual Turns

Image (Nickel Colour)	Turn Styles	Item ID	Turn Colour
	Freedom Turn	4890-NI	Nickel
		4890-SB	Satin Brass
		4890-BD	Dark Bronze
		4890-BZ	Bronze
		4890-PB	Polished Brass
		4890-PC	Polished Chrome
		4890-RB	Raw Brass
	Freedom Easy	4891-NI	Nickel
		4891-SB	Satin Brass
		4891-BD	Dark Bronze
		4891-BZ	Bronze
		4891-PB	Polished Brass
		4891-PC	Polished Chrome
		4891-RB	Raw Brass
	Round Turn	0347-NI	Nickel
		0347-SB	Satin Brass
		0347-BD	Dark Bronze
		0347-BZ	Bronze
		0347-PB	Polished Brass
		0347-PC	Polished Chrome
	Oval Turn	0348-NI	Nickel
		0348-SB	Satin Brass
		0348-BZ	Bronze
		0348-PB	Polished Brass
		0348-PC	Polished Chrome
	Architectural Turn	0554-NI	Nickel
		0554-SB	Satin Brass
		0554-BD	Dark Bronze
		0554-BZ	Bronze
		0554-PB	Polished Brass
		0554-PC	Polished Chrome
		0554-RB	Raw Brass

Thumb Turn Assembly Kits

Assembly Kit comprises of the rotor, turn and fitting pin (supplied assembled)


Image	Turn Styles	Item ID	Turn Colour	Side B Cylinder Length (mm)
	Round Turn Assembly Kits	0185-NI	Nickel	31.5
		0185-SB	Satin Brass	
		0185-BZ	Bronze	
		0185-PB	Polished Brass	
		0185-PC	Polished Chrome	
		0186-NI	Nickel	35.5
		0186-SB	Satin Brass	
		0186-BZ	Bronze	
		0186-BD	Dark Bronze	
		0186-PB	Polished Brass	
		0186-PC	Polished Chrome	
		0187-NI	Nickel	40
		0187-SB	Satin Brass	
		0187-BZ	Bronze	
		0187-PB	Polished Brass	
		0187-PC	Polished Chrome	
		0188-NI	Nickel	45
		0188-SB	Satin Brass	
		0188-BZ	Bronze	
		0188-PB	Polished Brass	
		0188-PC	Polished Chrome	
		0189-NI	Nickel	50
		0189-SB	Satin Brass	
		0189-BZ	Bronze	
		0189-PB	Polished Brass	
		0189-PC	Polished Chrome	
		0190-NI	Nickel	55
		0190-SB	Satin Brass	
		0190-BZ	Bronze	
		0190-PB	Polished Brass	
		0191-NI	Nickel	60
		0191-SB	Satin Brass	
		0191-BZ	Bronze	
		0191-PB	Polished Brass	





Image	Turn Styles	Item ID	Turn Colour	Side B Cylinder Length (mm)
	Oval Turn Assembly Kits	0194-NI	Nickel	31.5
		0194-SB	Satin Brass	
		0194-BZ	Bronze	
		0194-PB	Polished Brass	
		0194-PC	Polished Chrome	
		0195-NI	Nickel	35.5
		0195-SB	Satin Brass	
		0195-BZ	Bronze	
		0195-PB	Polished Brass	
		0195-PC	Polished Chrome	
		0196-NI	Nickel	40
		0196-SB	Satin Brass	
		0196-BZ	Bronze	
		0196-PB	Polished Brass	
		0196-PC	Polished Chrome	
		0197-NI	Nickel	45
		0197-SB	Satin Brass	
		0197-BZ	Bronze	
		0197-PB	Polished Brass	
		0197-PC	Polished Chrome	
		0198-NI	Nickel	50
		0198-SB	Satin Brass	
		0198-BZ	Bronze	
		0198-PB	Polished Brass	
		0198-PC	Polished Chrome	
		0199-NI	Nickel	55
		0199-SB	Satin Brass	
		0199-BZ	Bronze	
		0199-PB	Polished Brass	
		0200-NI	Nickel	60
		0200-SB	Satin Brass	
		0200-BZ	Bronze	
		0200-PB	Polished Brass	
	Freedom Turn Assembly Kits - Quick Release/Clip On configuration	05430-NI	Nickel	31.5
		05430-SB	Satin Brass	
		05430-RB	Raw Brass	
		05430-BD	Dark Bronze	
		05430-PB	Polished Brass	
		05430-PC	Polished Chrome	35.5
		05431-NI	Nickel	
		05431-SB	Satin Brass	
		05431-BZ	Bronze	
		05431-BD	Dark Bronze	
		05431-PB	Polished Brass	
		05431-PC	Polished Chrome	40
		05432-NI	Nickel	
		05432-SB	Satin Brass	
		05432-BZ	Bronze	
		05432-PB	Polished Brass	
		05432-PC	Polished Chrome	
		05433-NI	Nickel	45
		05433-SB	Satin Brass	
		05433-PB	Polished Brass	
		05433-PC	Polished Chrome	
		05434-NI	Nickel	50
		05434-SB	Satin Brass	55
		05435-NI	Nickel	
		05435-SB	Satin Brass	
		05435-PC	Polished Chrome	60
		05436-NI	Nickel	
		05436-SB	Satin Brass	

Image	Turn Styles	Item ID	Turn Colour	Side B Cylinder Length (mm)
	Freedom Turn Assembly Kits - Quick Release/Clip On configuration	05440-NI	Nickel	31.5
		05440-SB	Satin Brass	
		05440-PB	Polished Brass	
		05441-NI	Nickel	35.5
		05441-SB	Satin Brass	
		05441-PB	Polished Brass	
		05442-NI	Nickel	40
		05442-SB	Satin Brass	
		05442-PB	Polished Brass	
		05442-PC	Polished Chrome	45
		05443-NI	Nickel	
		05443-SB	Satin Brass	
		05443-PB	Polished Brass	50
		05443-PC	Polished Chrome	
		05444-NI	Nickel	
		05444-SB	Satin Brass	55
		05445-NI	Nickel	
		05445-SB	Satin Brass	60
		05446-NI	Nickel	
		05446-SB	Satin Brass	
	Architectural Turn Assembly Kits	0541-NI	Nickel	31.5
		0541-SB	Satin Brass	
		0541-BZ	Bronze	
		0541-PB	Polished Brass	
		0541-PC	Polished Chrome	
		0542-NI	Nickel	35.5
		0542-SB	Satin Brass	
		0542-BZ	Bronze	
		0542-PB	Polished Brass	
		0542-PC	Polished Chrome	
		0543-NI	Nickel	40
		0543-SB	Satin Brass	
		0543-BZ	Bronze	
		0543-PB	Polished Brass	
		0543-PC	Polished Chrome	
		0544-NI	Nickel	45
		0544-SB	Satin Brass	
		0544-BZ	Bronze	
		0544-PB	Polished Brass	
		0544-PC	Polished Chrome	
		0545-NI	Nickel	50
		0545-SB	Satin Brass	
		0545-BZ	Bronze	
		0545-PB	Polished Brass	
		0546-NI	Nickel	55
		0546-SB	Satin Brass	
		0546-BZ	Bronze	
		0546-PB	Polished Brass	
		0547-NI	Nickel	60
		0547-SB	Satin Brass	
		0547-BZ	Bronze	
		0547-PB	Polished Brass	

All Component Prices

The following component price list includes additional colour options and their corresponding part numbers. Product build matrix details are based on Nickel coloured items only. Alternative colour options are presented below.

Housings

Item ID	Component Description	Component Colour	Minimum Order Quantity	Pack Size	Pack Price
7036-NI	HSG ED SER 6 Pin 31+31 SE NI UNBR	Nickel	10	1	£17.42
7036-SB	HSG ED SER 6 Pin 31+31 SE SB UNBR	Satin Brass	10	1	£17.42
7036-BD	HSG ED SER 6 Pin 31+31 SE BD UNBR	Dark Brown	1	1	£29.82
7036-BZ	HSG ED SER 6 Pin 31+31 SE BZ UNBR	Bronze / Medium Brown	1	1	£29.82
7036-PB	HSG ED SER 6 Pin 31+31 SE PB UNBR	Polished Brass	1	1	£29.82
7036-PC	HSG ED SER 6 Pin 31+31 SE PC UNBR	Polished Chrome	1	1	£29.82
7037-NI	HSG ED SER 6 Pin 31+35 SE NI UNBR	Nickel	1	1	£18.30
7037-SB	HSG ED SER 6 Pin 31+35 SE SB UNBR	Satin Brass	10	1	£18.30
7037-BD	HSG ED SER 6 Pin 31+35 SE BD UNBR	Dark Brown	10	1	£30.70
7037-BZ	HSG ED SER 6 Pin 31+35 SE BZ UNBR	Bronze / Medium Brown	10	1	£30.70
7037-PB	HSG ED SER 6 Pin 31+35 SE PB UNBR	Polished Brass	10	1	£30.70
7037-PC	HSG ED SER 6 Pin 31+35 SE PC UNBR	Polished Chrome	10	1	£30.70
7038-BD	HSG ED SER 6 Pin 31+40 SE BD UNBR	Dark Brown	1	1	£33.11
7038-BZ	HSG ED SER 6 Pin 31+40 SE BZ UNBR	Bronze / Medium Brown	1	1	£33.11
7038-NI	HSG ED SER 6 Pin 31+40 SE NI UNBR	Nickel	5	1	£20.73
7038-PB	HSG ED SER 6 Pin 31+40 SE PB UNBR	Polished Brass	1	1	£33.11
7038-PC	HSG ED SER 6 Pin 31+40 SE PC UNBR	Polished Chrome	1	1	£33.11
7038-SB	HSG ED SER 6 Pin 31+40 SE SB UNBR	Satin Brass	5	1	£20.73
7039-BD	HSG ED SER 6 Pin 35+35 SE BD UNBR	Dark Brown	10	1	£29.67
7039-BZ	HSG ED SER 6 Pin 35+35 SE BZ UNBR	Bronze / Medium Brown	10	1	£29.67
7039-NI	HSG ED SER 6 Pin 35+35 SE NI UNBR	Nickel	1	1	£17.27
7039-PB	HSG ED SER 6 Pin 35+35 SE PB UNBR	Polished Brass	1	1	£29.67
7039-PC	HSG ED SER 6 Pin 35+35 SE PC UNBR	Polished Chrome	1	1	£29.67
7039-SB	HSG ED SER 6 Pin 35+35 SE SB UNBR	Satin Brass	1	1	£17.27
7040-BD	HSG ED SER 6 Pin 31+45 SE BD UNBR	Dark Brown	1	1	£30.45
7040-BZ	HSG ED SER 6 Pin 31+45 SE BZ UNBR	Bronze / Medium Brown	1	1	£30.45
7040-NI	HSG ED SER 6 Pin 31+45 SE NI UNBR	Nickel	5	1	£18.06
7040-PB	HSG ED SER 6 Pin 31+45 SE PB UNBR	Polished Brass	1	1	£30.45
7040-PC	HSG ED SER 6 Pin 31+45 SE PC UNBR	Polished Chrome	1	1	£30.45
7040-SB	HSG ED SER 6 Pin 31+45 SE SB UNBR	Satin Brass	5	1	£18.06
7041-BD	HSG ED SER 6 Pin 35+40 SE BD UNBR	Dark Brown	1	1	£30.45
7041-BZ	HSG ED SER 6 Pin 35+40 SE BZ UNBR	Bronze / Medium Brown	1	1	£30.45
7041-NI	HSG ED SER 6 Pin 35+40 SE NI UNBR	Nickel	5	1	£21.10
7041-PB	HSG ED SER 6 Pin 35+40 SE PB UNBR	Polished Brass	1	1	£30.45
7041-PC	HSG ED SER 6 Pin 35+40 SE PC UNBR	Polished Chrome	1	1	£30.45
7041-SB	HSG ED SER 6 Pin 35+40 SE SB UNBR	Satin Brass	5	1	£21.10
7042-BD	HSG ED SER 6 Pin 35+45 SE BD UNBR	Dark Brown	1	1	£33.85
7042-BZ	HSG ED SER 6 Pin 35+45 SE BZ UNBR	Bronze / Medium Brown	1	1	£33.85
7042-NI	HSG ED SER 6 Pin 35+45 SE NI UNBR	Nickel	1	1	£21.46
7042-PB	HSG ED SER 6 Pin 35+45 SE PB UNBR	Polished Brass	1	1	£33.85
7042-PC	HSG ED SER 6 Pin 35+45 SE PC UNBR	Polished Chrome	1	1	£33.85
7042-SB	HSG ED SER 6 Pin 35+45 SE SB UNBR	Satin Brass	5	1	£21.46
7043-BD	HSG ED SER 6 Pin 31+50 SE BD UNBR	Dark Brown	5	1	£33.85
7043-BZ	HSG ED SER 6 Pin 31+50 SE BZ UNBR	Bronze / Medium Brown	5	1	£33.85
7043-NI	HSG ED SER 6 Pin 31+50 SE NI UNBR	Nickel	5	1	£21.46
7043-PB	HSG ED SER 6 Pin 31+50 SE PB UNBR	Polished Brass	1	1	£33.85
7043-PC	HSG ED SER 6 Pin 31+50 SE PC UNBR	Polished Chrome	1	1	£33.85
7043-SB	HSG ED SER 6 Pin 31+50 SE SB UNBR	Satin Brass	5	1	£21.46
7044-BD	HSG ED SER 6 Pin 40+40 SE BD UNBR	Dark Brown	1	1	£33.85
7044-BZ	HSG ED SER 6 Pin 40+40 SE BZ UNBR	Bronze / Medium Brown	1	1	£33.85
7044-NI	HSG ED SER 6 Pin 40+40 SE NI UNBR	Nickel	1	1	£21.46
7044-PB	HSG ED SER 6 Pin 40+40 SE PB UNBR	Polished Brass	1	1	£33.85
7044-PC	HSG ED SER 6 Pin 40+40 SE PC UNBR	Polished Chrome	1	1	£33.85
7044-SB	HSG ED SER 6 Pin 40+40 SE SB UNBR	Satin Brass	3	1	£21.46
7045-BD	HSG ED SER 6 Pin 35+50 SE BD UNBR	Dark Brown	5	1	£37.37
7045-BZ	HSG ED SER 6 Pin 35+50 SE BZ UNBR	Bronze / Medium Brown	5	1	£37.37
7045-NI	HSG ED SER 6 Pin 35+50 SE NI UNBR	Nickel	1	1	£24.97
7045-PB	HSG ED SER 6 Pin 35+50 SE PB UNBR	Polished Brass	1	1	£37.37
7045-PC	HSG ED SER 6 Pin 35+50 SE PC UNBR	Polished Chrome	5	1	£37.37
7045-SB	HSG ED SER 6 Pin 35+50 SE SB UNBR	Satin Brass	5	1	£24.97
7046-BD	HSG ED SER 6 Pin 31+55 SE BD UNBR	Dark Brown	1	1	£37.37
7046-BZ	HSG ED SER 6 Pin 31+55 SE BZ UNBR	Bronze / Medium Brown	1	1	£37.37
7046-NI	HSG ED SER 6 Pin 31+55 SE NI UNBR	Nickel	1	1	£24.97
7046-PB	HSG ED SER 6 Pin 31+55 SE PB UNBR	Polished Brass	1	1	£37.37
7046-PC	HSG ED SER 6 Pin 31+55 SE PC UNBR	Polished Chrome	1	1	£37.37
7046-SB	HSG ED SER 6 Pin 31+55 SE SB UNBR	Satin Brass	1	1	£24.97
7047-BD	HSG ED SER 6 Pin 40+45 SE BD UNBR	Dark Brown	3	1	£37.37
7047-BZ	HSG ED SER 6 Pin 40+45 SE BZ UNBR	Bronze / Medium Brown	3	1	£37.37

7047-NI	HSG ED SER 6 Pin 40+45 SE NI UNBR	Nickel	1	1	£24.97
7047-PB	HSG ED SER 6 Pin 40+45 SE PB UNBR	Polished Brass	3	1	£37.37
7047-PC	HSG ED SER 6 Pin 40+45 SE PC UNBR	Polished Chrome	1	1	£37.37
7047-SB	HSG ED SER 6 Pin 40+45 SE SB UNBR	Satin Brass	1	1	£24.97
7048-BD	HSG ED SER 6 Pin 31+60 SE BD UNBR	Dark Brown	1	1	£40.39
7048-BZ	HSG ED SER 6 Pin 31+60 SE BM UNBR	Bronze / Medium Brown	1	1	£40.39
7048-NI	HSG ED SER 6 Pin 31+60 SE NI UNBR	Nickel	1	1	£27.98
7048-PB	HSG ED SER 6 Pin 31+60 SE PB UNBR	Polished Brass	1	1	£40.39
7048-PC	HSG ED SER 6 Pin 31+60 SE PC UNBR	Polished Chrome	1	1	£40.39
7048-SB	HSG ED SER 6 Pin 31+60 SE SB UNBR	Satin Brass	1	1	£27.98
7049-BD	HSG ED SER 6 Pin 35+55 SE BD UNBR	Dark Brown	1	1	£48.57
7049-BZ	HSG ED SER 6 Pin 35+55 SE BZ UNBR	Bronze / Medium Brown	1	1	£48.57
7049-NI	HSG ED SER 6 Pin 35+55 SE NI UNBR	Nickel	1	1	£27.98
7049-PB	HSG ED SER 6 Pin 35+55 SE PB UNBR	Polished Brass	1	1	£48.57
7049-PC	HSG ED SER 6 Pin 35+55 SE PC UNBR	Polished Chrome	1	1	£48.57
7049-SB	HSG ED SER 6 Pin 35+55 SE SB UNBR	Satin Brass	1	1	£36.17
7050-BD	HSG ED SER 6 Pin 40+50 SE BD UNBR	Dark Brown	1	1	£40.39
7050-BZ	HSG ED SER 6 Pin 40+50 SE BZ UNBR	Bronze / Medium Brown	1	1	£40.39
7050-NI	HSG ED SER 6 Pin 40+50 SE NI UNBR	Nickel	10	1	£27.98
7050-PB	HSG ED SER 6 Pin 40+50 SE PB UNBR	Polished Brass	1	1	£40.39
7050-PC	HSG ED SER 6 Pin 40+50 SE PC UNBR	Polished Chrome	1	1	£40.39
7050-SB	HSG ED SER 6 Pin 40+50 SE SB UNBR	Satin Brass	3	1	£27.98
7051-BD	HSG ED SER 6 Pin 45+45 SE BD UNBR	Dark Brown	3	1	£40.39
7051-BZ	HSG ED SER 6 Pin 45+45 SE BZ UNBR	Bronze / Medium Brown	3	1	£40.39
7051-NI	HSG ED SER 6 Pin 45+45 SE NI UNBR	Nickel	1	1	£27.98
7051-PB	HSG ED SER 6 Pin 45+45 SE PB UNBR	Polished Brass	1	1	£40.39
7051-PC	HSG ED SER 6 Pin 45+45 SE PC UNBR	Polished Chrome	1	1	£40.39
7051-SB	HSG ED SER 6 Pin 45+45 SE SB UNBR	Satin Brass	1	1	£27.98
7052-BD	HSG ED SER 6 Pin 40+55 SE BD UNBR	Dark Brown	1	1	£41.89
7052-BZ	HSG ED SER 6 Pin 40+55 SE PZ UNBR	Bronze / Medium Brown	1	1	£41.89
7052-NI	HSG ED SER 6 Pin 40+55 SE NI UNBR	Nickel	1	1	£29.49
7052-PB	HSG ED SER 6 Pin 40+55 SE PB UNBR	Polished Brass	1	1	£41.89
7052-PC	HSG ED SER 6 Pin 40+55 SE PC UNBR	Polished Chrome	1	1	£41.89
7052-SB	HSG ED SER 6 Pin 40+55 SE SB UNBR	Satin Brass	1	1	£29.49
7053-BD	HSG ED SER 6 Pin 35+60 SE BD UNBR	Dark Brown	1	1	£42.72
7053-BZ	HSG ED SER 6 Pin 35+60 SE BZ UNBR	Bronze / Medium Brown	1	1	£42.72
7053-NI	HSG ED SER 6 Pin 35+60 SE NI UNBR	Nickel	1	1	£30.33
7053-PB	HSG ED SER 6 Pin 35+60 SE PB UNBR	Polished Brass	1	1	£42.72
7053-PC	HSG ED SER 6 Pin 35+60 SE PC UNBR	Polished Chrome	1	1	£42.72
7053-SB	HSG ED SER 6 Pin 35+60 SE SB UNBR	Satin Brass	1	1	£30.33
7055-BD	HSG ED SER 6 Pin 45+50 SE BD UNBR	Dark Brown	1	1	£42.72
7055-BZ	HSG ED SER 6 Pin 45+50 SE BZ UNBR	Bronze / Medium Brown	1	1	£42.72
7055-NI	HSG ED SER 6 Pin 45+50 SE NI UNBR	Nickel	1	1	£30.33
7055-PB	HSG ED SER 6 Pin 45+50 SE PB UNBR	Polished Brass	1	1	£42.72
7055-PC	HSG ED SER 6 Pin 45+50 SE PC UNBR	Polished Chrome	1	1	£42.72
7055-SB	HSG ED SER 6 Pin 45+50 SE SB UNBR	Satin Brass	1	1	£30.33
7056-BD	HSG ED SER 6 Pin 40+60 SE BD UNBR	Dark Brown	1	1	£50.56
7056-BZ	HSG ED SER 6 Pin 40+60 SE BZ UNBR	Bronze / Medium Brown	1	1	£50.56
7056-NI	HSG ED SER 6 Pin 40+60 SE NI UNBR	Nickel	1	1	£38.16
7056-PB	HSG ED SER 6 Pin 40+60 SE PB UNBR	Polished Brass	1	1	£50.56
7056-PC	HSG ED SER 6 Pin 40+60 SE PC UNBR	Polished Chrome	1	1	£50.56
7056-SB	HSG ED SER 6 Pin 40+60 SE SB UNBR	Satin Brass	1	1	£38.16
7057-BD	HSG ED SER 6 Pin 45+55 SE BD UNBR	Dark Brown	1	1	£50.56
7057-BZ	HSG ED SER 6 Pin 45+55 SE BZ UNBR	Bronze / Medium Brown	1	1	£50.56
7057-NI	HSG ED SER 6 Pin 45+55 SE NI UNBR	Nickel	1	1	£38.16
7057-PB	HSG ED SER 6 Pin 45+55 SE PB UNBR	Polished Brass	1	1	£50.56
7057-PC	HSG ED SER 6 Pin 45+55 SE PC UNBR	Polished Chrome	1	1	£50.56
7057-SB	HSG ED SER 6 Pin 45+55 SE SB UNBR	Satin Brass	1	1	£38.16
7058-BD	HSG ED SER 6 Pin 50+50 SE BD UNBR	Dark Brown	1	1	£50.56
7058-BZ	HSG ED SER 6 Pin 50+50 SE BZ UNBR	Bronze / Medium Brown	1	1	£50.56
7058-NI	HSG ED SER 6 Pin 50+50 SE NI UNBR	Nickel	1	1	£38.16
7058-PB	HSG ED SER 6 Pin 50+50 SE PB UNBR	Polished Brass	1	1	£50.56
7058-PC	HSG ED SER 6 Pin 50+50 SE PC UNBR	Polished Chrome	1	1	£50.56
7058-SB	HSG ED SER 6 Pin 50+50 SE SB UNBR	Satin Brass	1	1	£38.16
7059-BD	HSG ED SER 6 Pin 45+60 SE BD UNBR	Dark Brown	1	1	£55.29
7059-BZ	HSG ED SER 6 Pin 45+60 SE PZ UNBR	Bronze / Medium Brown	1	1	£55.29
7059-NI	HSG ED SER 6 Pin 45+60 SE NI UNBR	Nickel	1	1	£42.90
7059-PB	HSG ED SER 6 Pin 45+60 SE PB UNBR	Polished Brass	1	1	£55.29
7059-PC	HSG ED SER 6 Pin 45+60 SE PC UNBR	Polished Chrome	1	1	£55.29
7059-SB	HSG ED SER 6 Pin 45+60 SE SB UNBR	Satin Brass	1	1	£42.90
7060-BD	HSG ED SER 6 Pin 50+60 SE BD UNBR	Dark Brown	1	1	£63.01
7060-BZ	HSG ED SER 6 Pin 50+60 SE PZ UNBR	Bronze / Medium Brown	1	1	£63.01
7060-NI	HSG ED SER 6 Pin 50+60 SE NI UNBR	Nickel	1	1	£50.62
7060-PB	HSG ED SER 6 Pin 50+60 SE PB UNBR	Polished Brass	1	1	£63.01
7060-PC	HSG ED SER 6 Pin 50+60 SE PC UNBR	Polished Chrome	1	1	£63.01
7060-SB	HSG ED SER 6 Pin 50+60 SE SB UNBR	Satin Brass	1	1	£50.62
7061-BD	HSG ED SER 6 Pin 55+55 SE BD UNBR	Dark Brown	1	1	£63.01
7061-BZ	HSG ED SER 6 Pin 55+55 SE BZ UNBR	Bronze / Medium Brown	1	1	£63.01
7061-NI	HSG ED SER 6 Pin 55+55 SE NI UNBR	Nickel	1	1	£50.62

7061-PB	HSG ED SER 6 Pin 55+55 SE PB UNBR	Polished Brass	1	1	£63.01
7061-PC	HSG ED SER 6 Pin 55+55 SE PC UNBR	Polished Chrome	1	1	£63.01
7061-SB	HSG ED SER 6 Pin 55+55 SE SB UNBR	Satin Brass	1	1	£50.62
7062-BD	HSG ED SER 6 Pin 60+60 SE BD UNBR	Dark Brown	1	1	£73.63
7062-BZ	HSG ED SER 6 Pin 60+60 SE PZ UNBR	Bronze / Medium Brown	1	1	£73.63
7062-NI	HSG ED SER 6 Pin 60+60 SE NI UNBR	Nickel	1	1	£61.24
7062-PB	HSG ED SER 6 Pin 60+60 SE PB UNBR	Polished Brass	1	1	£73.63
7062-PC	HSG ED SER 6 Pin 60+60 SE PC UNBR	Polished Chrome	1	1	£73.63
7062-SB	HSG ED SER 6 Pin 60+60 SE SB UNBR	Satin Brass	1	1	£61.24
7068-BD	HSG ED SER 6 Pin 50+55 SE BD UNBR	Dark Brown	1	1	£59.27
7068-BZ	HSG ED SER 6 Pin 50+55 SE BZ UNBR	Bronze / Medium Brown	1	1	£59.27
7068-NI	HSG ED SER 6 Pin 50+55 SE NI UNBR	Nickel	1	1	£46.87
7068-PB	HSG ED SER 6 Pin 50+55 SE PB UNBR	Polished Brass	1	1	£59.27
7068-PC	HSG ED SER 6 Pin 50+55 SE PC UNBR	Polished Chrome	1	1	£59.27
7068-SB	HSG ED SER 6 Pin 50+55 SE SB UNBR	Satin Brass	1	1	£90.70
7070-BD	HSG ED SER 6 Pin 55+60 SE BD UNBR	Dark Brown	1	1	£77.78
7070-BZ	HSG ED SER 6 Pin 55+60 SE PZ UNBR	Bronze / Medium Brown	1	1	£77.78
7070-NI	HSG ED SER 6 Pin 55+60 SE NI UNBR	Nickel	1	1	£65.40
7070-PB	HSG ED SER 6 Pin 55+60 SE PB UNBR	Polished Brass	1	1	£77.78
7070-PC	HSG ED SER 6 Pin 55+60 SE PC UNBR	Polished Chrome	1	1	£77.78
7070-SB	HSG ED SER 6 Pin 55+60 SE SB UNBR	Satin Brass	1	1	£65.40
7072-BD	HSG ES SER 6 Pin 31 SE BD UNBR	Dark Brown	1	1	£26.09
7072-BZ	HSG ES SER 6 Pin 31 SE BZ (BM) UNBR	Bronze / Medium Brown	10	1	£26.09
7072-NI	HSG ES SER 6 Pin 31 SE NI UNBR	Nickel	10	1	£13.69
7072-PB	HSG ES SER 6 Pin 31 SE PB UNBR	Polished Brass	1	1	£26.09
7072-PC	HSG ES SER 6 Pin 31 SE PC UNBR	Polished Chrome	1	1	£26.09
7072-SB	HSG ES SER 6 Pin 31 SE SB UNBR	Satin Brass	5	1	£13.69
7073-BD	HSG ES SER 6 Pin 35 SE BD UNBR	Dark Brown	1	1	£24.54
7073-BZ	HSG ES SER 6 Pin 35 SE BZ UNBR	Bronze / Medium Brown	1	1	£24.54
7073-NI	HSG ES SER 6 Pin 35 SE NI UNBR	Nickel	10	1	£12.14
7073-PB	HSG ES SER 6 Pin 35 SE PB UNBR	Polished Brass	10	1	£24.54
7073-PC	HSG ES SER 6 Pin 35 SE PC UNBR	Polished Chrome	1	1	£24.54
7073-SB	HSG ES SER 6 Pin 35 SE SB UNBR	Satin Brass	5	1	£14.58
7074-BD	HSG ES SER 6 Pin 40 SE BD UNBR	Dark Brown	1	1	£29.44
7074-BZ	HSG ES SER 6 Pin 40 SE BZ UNBR	Bronze / Medium Brown	10	1	£29.44
7074-NI	HSG ES SER 6 Pin 40 SE NI UNBR	Nickel	5	1	£17.05
7074-PB	HSG ES SER 6 Pin 40 SE PB UNBR	Polished Brass	10	1	£29.44
7074-PC	HSG ES SER 6 Pin 40 SE PC UNBR	Polished Chrome	10	1	£29.44
7074-SB	HSG ES SER 6 Pin 40 SE SB UNBR	Satin Brass	10	1	£17.05
7075-BD	HSG ES SER 6 Pin 45 SE BD UNBR	Dark Brown	1	1	£30.32
7075-BZ	HSG ES SER 6 Pin 45 SE BZ UNBR	Bronze / Medium Brown	5	1	£30.32
7075-NI	HSG ES SER 6 Pin 45 SE NI UNBR	Nickel	1	1	£17.93
7075-PB	HSG ES SER 6 Pin 45 SE PB UNBR	Polished Brass	5	1	£30.32
7075-PC	HSG ES SER 6 Pin 45 SE PC	Polished Chrome	5	1	£30.32
7075-SB	HSG ES SER 6 Pin 45 SE SB	Satin Brass	5	1	£17.93
7076-BD	HSG ES SER 6 Pin 50 SE BD UNBR	Dark Brown	1	1	£34.26
7076-BZ	HSG ES SER 6 Pin 50 SE BZ UNBR	Bronze / Medium Brown	5	1	£34.26
7076-NI	HSG ES SER 6 Pin 50 SE NI	Nickel	1	1	£21.86
7076-PB	HSG ES SER 6 Pin 50 SE PB UNBR	Polished Brass	5	1	£34.26
7076-PC	HSG ES SER 6 Pin 50 SE PC	Polished Chrome	5	1	£34.26
7076-SB	HSG ES SER 6 Pin 50 SE SB	Satin Brass	5	1	£21.86
7077-BD	HSG ES SER 6 Pin 55 SE BD UNBR	Dark Brown	1	1	£38.18
7077-BZ	HSG ES SER 6 Pin 55 SE BZ UNBR	Bronze / Medium Brown	1	1	£38.18
7077-NI	HSG ES SER 6 Pin 55 SE NI	Nickel	1	1	£25.79
7077-PB	HSG ES SER 6 Pin 55 SE PB UNBR	Polished Brass	1	1	£38.18
7077-PC	HSG ES SER 6 Pin 55 SE PC	Polished Chrome	1	1	£38.18
7077-SB	HSG ES SER 6 Pin 55 SE SB	Satin Brass	1	1	£25.79
7078-BD	HSG ES SER 6 Pin 60 SE BD UNBR	Dark Brown	1	1	£42.13
7078-BZ	HSG ES SER 6 Pin 60 SE BZ UNBR	Bronze / Medium Brown	1	1	£42.13
7078-NI	HSG ES SER 6 Pin 60 SE NI	Nickel	1	1	£29.74
7078-PB	HSG ES SER 6 Pin 60 SE PB UNBR	Polished Brass	1	1	£42.13
7078-PC	HSG ES SER 6 Pin 60 SE PC	Polished Chrome	1	1	£42.13
7078-SB	HSG ES SER 6 Pin 60 SE SB	Satin Brass	1	1	£29.74
7082-BD	HSG OD SER 6 Pin 31+31 SE BD UNBR	Dark Brown	5	1	£42.11
7082-BZ	HSG OD SER 6 Pin 31+31 SE BZ UNBR	Bronze / Medium Brown	5	1	£42.11
7082-NI	HSG OD SER 6 Pin 31+31 SE NI	Nickel	5	1	£23.02
7082-PB	HSG OD SER 6 Pin 31+31 SE PB UNBR	Polished Brass	1	1	£35.41
7082-PC	HSG OD SER 6 Pin 31+31 SE PC	Polished Chrome	1	1	£35.41
7082-SB	HSG OD SER 6 Pin 31+31 SE SB	Satin Brass	5	1	£23.36
7083-BD	HSG OD SER 6 Pin 35+35 SE BD UNBR	Dark Brown	1	1	£37.58
7083-BZ	HSG OD SER 6 Pin 35+35 SE PZ UNBR	Bronze / Medium Brown	1	1	£37.58
7083-NI	HSG OD SER 6 Pin 35+35 SE NI	Nickel	1	1	£25.20
7083-PB	HSG OD SER 6 Pin 35+35 SE PB UNBR	Polished Brass	1	1	£37.58
7083-PC	HSG OD SER 6 Pin 35+35 SE PC	Polished Chrome	1	1	£37.58
7083-SB	HSG OD SER 6 Pin 35+35 SE SB	Satin Brass	5	1	£25.20
7084-BD	HSG OD SER 6 Pin 40+40 SE BD UNBR	Dark Brown	5	1	£45.44
7084-BZ	HSG OD SER 6 Pin 40+40 SE PZ UNBR	Bronze / Medium Brown	5	1	£45.44
7084-NI	HSG OD SER 6 Pin 40+40 SE NI	Nickel	1	1	£33.04
7084-PB	HSG OD SER 6 Pin 40+40 SE PB UNBR	Polished Brass	5	1	£45.44

7084-PC	HSG OD SER 6 Pin 40+40 SE PC	Polished Chrome	10	1	£45.44
7084-SB	HSG OD SER 6 Pin 40+40 SE SB	Satin Brass	5	1	£33.04
7086-BD	HSG OS SER 6 Pin 31 SE BD UNBR	Dark Brown	1	1	£27.45
7086-BZ	HSG OS SER 6 Pin 31 SE BZ UNBR	Bronze / Medium Brown	1	1	£27.45
7086-NI	HSG OS SER 6 Pin 31 SE NI	Nickel	5	1	£15.06
7086-PB	HSG OS SER 6 Pin 31 SE PB UNBR	Polished Brass	1	1	£27.45
7086-PC	HSG OS SER 6 Pin 31 SE PC	Polished Chrome	1	1	£27.45
7086-SB	HSG OS SER 6 Pin 31 SE SB	Satin Brass	5	1	£15.08
7087-BD	HSG OS SER 6 Pin 35 SE BD UNBR	Dark Brown	5	1	£31.36
7087-BZ	HSG OS SER 6 Pin 35 SE BZ UNBR	Bronze / Medium Brown	5	1	£31.36
7087-NI	HSG OS SER 6 Pin 35 SE NI	Nickel	5	1	£18.97
7087-PB	HSG OS SER 6 Pin 35 SE PB UNBR	Polished Brass	5	1	£31.36
7087-PC	HSG OS SER 6 Pin 35 SE PC	Polished Chrome	5	1	£31.36
7087-SB	HSG OS SER 6 Pin 35 SE SB	Satin Brass	1	1	£18.97
7101-BD	HSG Rim Cyl SER 6 Pin 29.5 4 SE	Dark Brown	1	1	£38.15
7101-BZ	HSG Rim Cyl SER 6 Pin 29.5 SE BZ UNBR	Bronze / Medium Brown	1	1	£38.15
7101-NI	HSG Rim Cyl SER 6 Pin 29 SE NI	Nickel	10	1	£26.32
7101-PB	HSG Rim Cyl SER 6 Pin 29 SE PB UNBR	Polished Brass	1	1	£38.15
7101-PC	HSG Rim Cyl SER 6 Pin 29 SE PC	Polished Chrome	1	1	£38.15
7101-SB	HSG Rim Cyl SER 6 Pin 29 SE SB	Satin Brass	5	1	£25.75
7103-BD	HSG Screw-In SER 6 Pin 29 SE BD UNBR	Dark Brown	1	1	£37.45
7103-BZ	HSG Screw-In SER 6 Pin 29 SE BZ UNBR	Bronze / Medium Brown	1	1	£37.45
7103-NI	HSG Screw-In SER 6 Pin 29 SE NI	Nickel	10	1	£25.06
7103-PB	HSG Screw-In SER 6 Pin 29 SE PB UNBR	Polished Brass	1	1	£37.45
7103-PC	HSG Screw-In SER 6 Pin 29 SE PC UNBR	Polished Chrome	1	1	£37.45
7103-SB	HSG Screw-In SER 6 Pin 29 SE SB UNBR	Satin Brass	1	1	£25.06
7304-BD	HSG OS SER 6 Pin 40 SE BD UNBR	Dark Brown	1	1	£36.81
7304-BZ	HSG OS SER 6 Pin 40 SE PZ UNBR	Bronze / Medium Brown	1	1	£36.81
7304-NI	HSG OS SER 6 Pin 40 SE NI	Nickel	1	1	£24.40
7304-PB	HSG OS SER 6 Pin 40 SE PB UNBR	Polished Brass	1	1	£36.81
7304-PC	HSG OS SER 6 Pin 40 SE PC UNBR	Polished Chrome	1	1	£36.81
7304-SB	HSG OS SER 6 Pin 40 SE SB	Satin Brass	1	1	£24.40
7521-BD	HSG Scan Oval EXT SER 7 Pin 31 SE BD UNBR	Dark Brown	1	1	£30.74
7521-BZ	HSG Scan Oval EXT SER 7 Pin 31 SE BZ UNBR	Bronze / Medium Brown	10	1	£30.74
7521-NI	HSG Scan Oval EXT SER 7 Pin 31 SE NI UNBR	Nickel	10	1	£18.34
7521-PB	HSG Scan Oval EXT SER 7 Pin 31 SE PB UNBR	Polished Brass	10	1	£30.74
7521-PC	HSG Scan Oval EXT SER 7 Pin 31 SE PC UNBR	Polished Chrome	1	1	£30.74
7521-SB	HSG Scan Oval EXT SER 7 Pin 31 SE SB UNBR	Satin Brass	1	1	£15.06
7523-BD	HSG OS SER 7 Pin 31 NO SE BD UNBR	Dark Brown	1	1	£36.49
7523-BZ	HSG OS SER 7 Pin 31 NO SE BZ UNBR	Bronze / Medium Brown	10	1	£36.49

Barrels

Item ID	Component Description	Component Colour	Minimum Order Quantity	Pack Size	Pack Price
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Barrels with "A" in their description denote a barrel with the active pin pocket included. It is imperative that the relevant system Active pin is used when building the cylinders. Failure to do so will render the cylinder inoperable.

Please note that where unique profiles are required, the MOQ will equate to 10 pieces

23011116	PXQA 6 PIN BARREL EURO/OVAL 31 NI - SE	Nickel	1	1	£8.61
23011118	PXQA 6 PIN BARREL EURO/OVAL 31 SB - SE	Satin Brass	1	1	£8.61
TBC	PXQA 6 PIN BARREL EURO/OVAL 31 PB - SE	Polished Brass	1	1	£13.31
TBC	PXQA 6 PIN BARREL EURO/OVAL 31 PC - SE	Polished Chrome	1	1	£13.31
TBC	PXQA 6 PIN BARREL EURO/OVAL 31 BD - SE	Dark Brown	1	1	£13.31
TBC	PXQA 6 PIN BARREL EURO/OVAL 31 BZ - SE	Bronze / Medium Brown	1	1	£13.31
TBC	PXQA 6 PIN BARREL EURO/OVAL 31 BKM - SE	Black Matt	1	1	£17.68
23011117	PXQA 6 PIN BARREL EURO/OVAL 35 NI - SE	Nickel	1	1	£9.07
23011119	PXQA 6 PIN BARREL EURO/OVAL 35 SB - SE	Satin Brass	1	1	£9.07
TBC	PXQA 6 PIN BARREL EURO/OVAL 35 PB - SE	Polished Brass	1	1	£13.75
TBC	PXQA 6 PIN BARREL EURO/OVAL 35 PC - SE	Polished Chrome	1	1	£13.75
TBC	PXQA 6 PIN BARREL EURO/OVAL 35 BD - SE	Dark Brown	1	1	£13.75
TBC	PXQA 6 PIN BARREL EURO/OVAL 35 BZ - SE	Bronze / Medium Brown	1	1	£13.75
TBC	PXQA 6 PIN BARREL EURO/OVAL 35 BKM - SE	Black Matt	1	1	£18.14
23011120	PXQA 6 PIN BARREL RIM CYL NI - SE	Nickel	1	1	£10.00
23011121	PXQA 6 PIN BARREL RIM CYL SB - SE	Satin Brass	1	1	£10.00
TBC	PXQA 6 PIN BARREL RIM CYL PC - SE	Polished Chrome	1	1	£14.69
TBC	PXQA 6 PIN BARREL RIM CYL PB - SE	Polished Brass	1	1	£14.69
TBC	PXQA 6 PIN BARREL RIM CYL BD - SE	Dark Brown	1	1	£14.69
TBC	PXQA 6 PIN BARREL RIM CYL BZ - SE	Bronze / Medium Brown	1	1	£14.69
TBC	PXQA 6 PIN BARREL RIM CYL BKM - SE	Black Matt	1	1	£19.07
23011114	PXQA 7 PIN BARREL SCANDINAVIAN OVAL CYL NI - SE	Nickel	1	1	£12.86
23011115	PXQA 7 PIN BARREL SCANDINAVIAN OVAL CYL SB - SE	Satin Brass	1	1	£12.86
TBC	PXQA 7 PIN BARREL SCANDINAVIAN OVAL CYL PC - SE	Polished Chrome	1	1	£17.55
TBC	PXQA 7 PIN BARREL SCANDINAVIAN OVAL CYL PB - SE	Polished Brass	1	1	£17.55
TBC	PXQA 7 PIN BARREL SCANDINAVIAN OVAL CYL BD - SE	Dark Brown	1	1	£17.55
TBC	PXQA 7 PIN BARREL SCANDINAVIAN OVAL CYL BZ - SE	Bronze / Medium Brown	1	1	£17.55
TBC	PXQA 7 PIN BARREL SCANDINAVIAN OVAL CYL BKM - SE	Black Matt	1	1	£21.92
23011113	PXQA 6 PIN BARREL SCREW IN CYL SB - SE	Satin Brass	1	1	£13.95
23011112	PXQA 6 PIN BARREL SCREW IN CYL NI - SE	Nickel	1	1	£13.95

TBC	PXQA 6 PIN BARREL SCREW IN CYL PC - SE	Polished Chrome	1	1	£18.64
TBC	PXQA 6 PIN BARREL SCREW IN CYL PB - SE	Polished Brass	1	1	£18.64
TBC	PXQA 6 PIN BARREL SCREW IN CYL BD - SE	Dark Brown	1	1	£18.64
TBC	PXQA 6 PIN BARREL SCREW IN CYL BZ - SE	Bronze / Medium Brown	1	1	£18.64
TBC	PXQA 6 PIN BARREL SCREW IN CYL BKM - SE	Black Matt	1	1	£23.02
23011641	PXQ 7 PIN BARREL SCANDINAVIAN OVAL CYL NI - SE	Nickel	1	1	£14.22
23011640	PXQ 6 PIN BARREL EURO/OVAL 31 NI - SE	Nickel	1	1	£9.97
23011615	PXQ 6 PIN BARREL EURO/OVAL 31 SB - SE	Satin Brass	1	1	£9.97
TBC	PXQ 6 PIN BARREL EURO/OVAL 31 PC - SE	Polished Chrome	1	1	£14.66
TBC	PXQ 6 PIN BARREL EURO/OVAL 31 BM - SE	Bronze / Medium Brown	1	1	£14.66
TBC	PXQ 6 PIN BARREL EURO/OVAL 31 PB - SE	Polished Brass	1	1	£14.66
TBC	PXQ 6 PIN BARREL EURO/OVAL 31 BZ - SE	Bronze / Medium Brown	1	1	£14.66
TBC	PXQ 6 PIN BARREL EURO/OVAL 31 BD - SE	Dark Brown	1	1	£14.66
TBC	PXQ 6 PIN BARREL EURO/OVAL 31 BKM - SE	Black Matt	1	1	£19.04
23011639	PXQ 6 PIN BARREL EURO/OVAL 35 NI - SE	Nickel	1	1	£10.44
23011616	PXQ 6 PIN BARREL EURO/OVAL 35 SB - SE	Satin Brass	1	1	£10.44
TBC	PXQ 6 PIN BARREL EURO/OVAL 35 PC - SE	Polished Chrome	1	1	£15.13
TBC	PXQ 6 PIN BARREL EURO/OVAL 35 PB - SE	Polished Brass	1	1	£15.13
TBC	PXQ 6 PIN BARREL EURO/OVAL 35 BD - SE	Dark Brown	1	1	£15.13
TBC	PXQ 6 PIN BARREL EURO/OVAL 35 BZ - SE	Bronze / Medium Brown	1	1	£15.13
TBC	PXQ 6 PIN BARREL EURO/OVAL 35 BKM - SE	Black Matt	1	1	£19.51
23011638	PXQ 6 PIN BARREL RIM CYL NI - SE	Nickel	1	1	£11.39
TBC	PXQ 6 PIN BARREL RIM CYL SB - SE	Satin Brass	1	1	£11.39
TBC	PXQ 6 PIN BARREL RIM CYL PC - SE	Polished Chrome	1	1	£16.08
TBC	PXQ 6 PIN BARREL RIM CYL PB - SE	Polished Brass	1	1	£16.08
TBC	PXQ 6 PIN BARREL RIM CYL BD - SE	Dark Brown	1	1	£16.08
TBC	PXQ 6 PIN BARREL RIM CYL BZ - SE	Bronze / Medium Brown	1	1	£16.08
TBC	PXQ 6 PIN BARREL RIM CYL BKM - SE	Black Matt	1	1	£20.46
23011642	PXQ 6 PIN BARREL SCREW IN CYL NI - SE	Nickel	1	1	£15.44
23011617	PXQ 6 PIN BARREL SCREW IN CYL SB - SE	Satin Brass	1	1	£15.44
TBC	PXQ 6 PIN BARREL SCREW IN CYL PC - SE	Polished Chrome	1	1	£20.13
TBC	PXQ 6 PIN BARREL SCREW IN CYL PB - SE	Polished Brass	1	1	£20.13
TBC	PXQ 6 PIN BARREL SCREW IN CYL BD - SE	Dark Brown	1	1	£20.13
TBC	PXQ 6 PIN BARREL SCREW IN CYL BZ - SE	Bronze / Medium Brown	1	1	£20.13
TBC	PXQ 6 PIN BARREL SCREW IN CYL BKM - SE	Black Matt	1	1	£24.51
23007953	PXP 6 PIN BARREL EURO/OVAL 31 BD - SE	Dark Brown	1	1	£13.31
23007930	PXP 6 PIN BARREL EURO/OVAL 31 BM - SE	Bronze / Medium Brown	1	1	£13.31
23001873	PXP 6 PIN BARREL EURO/OVAL 31 NI - SE	Nickel	1	1	£8.61
23006788	PXP 6 PIN BARREL EURO/OVAL 31 PC - SE	Polished Chrome	1	1	£13.31
23001876	PXP 6 PIN BARREL EURO/OVAL 31 SB - SE	Satin Brass	1	1	£8.61
23007954	PXP 6 PIN BARREL EURO/OVAL 35 BD - NO SE	Dark Brown	10	1	£13.75
23006954	PXP 6 PIN BARREL EURO/OVAL 35 BZ - NO SE	Bronze / Medium Brown	10	1	£13.75
23007365	PXP 6 PIN BARREL EURO/OVAL 35 BZ - SE	Bronze / Medium Brown	1	1	£13.75
23001874	PXP 6 PIN BARREL EURO/OVAL 35 NI - SE	Nickel	1	1	£9.07
23006449	PXP 6 PIN BARREL EURO/OVAL 35 PB - SE	Polished Brass	1	1	£13.75
23001877	PXP 6 PIN BARREL EURO/OVAL 35 SB - SE	Satin Brass	1	1	£9.07
23000695	PXPA 6 PIN BARREL EURO/OVAL 31 NI - SE	Nickel	1	1	£9.97
23000696	PXPA 6 PIN BARREL EURO/OVAL 35 NI - SE	Nickel	1	1	£10.44
23009521	PXPA 6 PIN BARREL EURO/OVAL 31 BD - SE	Dark Brown	1	1	£14.66
23010284	PXPA 6 PIN BARREL EURO/OVAL 31 BKM - SE	Black Matt	1	1	£19.04
23006768	PXPA 6 PIN BARREL EURO/OVAL 31 BM - SE	Bronze / Medium Brown	1	1	£14.66
23007353	PXPA 6 PIN BARREL EURO/OVAL 31 PB - SE	Polished Brass	1	1	£14.66
23006039	PXPA 6 PIN BARREL EURO/OVAL 31 PC - SE	Polished Chrome	1	1	£14.66
23001978	PXPA 6 PIN BARREL EURO/OVAL 31 SB - SE	Satin Brass	1	1	£9.97
23007364	PXPA 6 PIN BARREL EURO/OVAL 31 BZ - SE	Bronze / Medium Brown	1	1	£14.66
23009626	PXPA 6 PIN BARREL EURO/OVAL 35 BD - SE	Dark Brown	1	1	£15.13
23010285	PXPA 6 PIN BARREL EURO/OVAL 35 BKM - SE	Black Matt	1	1	£19.51
23007351	PXPA 6 PIN BARREL EURO/OVAL 35 BZ - NO SE	Bronze / Medium Brown	1	1	£15.13
23010292	PXPA 6 PIN BARREL EURO/OVAL 35 PB - SE	Polished Brass	1	1	£15.13
23006041	PXPA 6 PIN BARREL EURO/OVAL 35 PC - SE	Polished Chrome	1	1	£15.13
23001979	PXPA 6 PIN BARREL EURO/OVAL 35 SB - SE	Satin Brass	1	1	£10.44
23007957	PXP 7 PIN BARREL SCANDINAVIAN OVAL CYL BD - SE	Dark Brown	1	1	£17.55
23001872	PXP 7 PIN BARREL SCANDINAVIAN OVAL CYL NI - SE	Nickel	1	1	£12.86
23006019	PXP 7 PIN BARREL SCANDINAVIAN OVAL CYL PB - SE	Polished Brass	1	1	£17.55
23007940	PXP 7 PIN BARREL SCANDINAVIAN OVAL CYL PC - SE	Polished Chrome	1	1	£17.55
23001880	PXP 7 PIN BARREL SCANDINAVIAN OVAL CYL SB - SE	Satin Brass	1	1	£12.86
23007946	PXP 7 PIN BARREL SCANDINAVIAN OVAL CYL BZ - SE	Bronze / Medium Brown	1	1	£17.55
23000677	PXPA 7 PIN BARREL SCANDINAVIAN OVAL CYL NI - SE	Nickel	1	1	£14.22
23001879	PXPA 7 PIN BARREL SCANDINAVIAN OVAL CYL SB - SE	Satin Brass	1	1	£14.22
23000699	PXPA 6 PIN BARREL RIM CYL NI - SE	Nickel	1	1	£11.39
23001875	PXP 6 PIN BARREL RIM CYL NI - SE	Nickel	1	1	£10.00
23001878	PXP 6 PIN BARREL RIM CYL SB - SE	Satin Brass	1	1	£10.00
23007927	PXP 6 PIN BARREL RIM CYL PC - SE	Polished Chrome	1	1	£14.69
23007944	PXP 6 PIN BARREL RIM CYL BZ - SE	Bronze / Medium Brown	1	1	£14.69
23007948	PXP 6 PIN BARREL RIM CYL PB - SE	Polished Brass	1	1	£14.69
23007955	PXP 6 PIN BARREL RIM CYL BD - SE	Dark Brown	1	1	£14.69
B700BD-	PXA 6 PIN BARREL 31.5 BD - SE	Dark Brown	1	1	£15.84
B700BZ-	PXA 6 PIN BARREL 31.5 BZ - SE	Bronze / Medium Brown	1	1	£15.84
B700NI-	PXA 6 PIN BARREL 31.5 NI - SE	Nickel	1	1	£10.78

B700PB-	PXA 6 PIN BARREL 31.5 PB - SE	Polished Brass	1	1	£15.84
B700PC-	PXA 6 PIN BARREL 31.5 PC - SE	Polished Chrome	1	1	£15.84
B700SB-	PXA 6 PIN BARREL 31.5 PC - SE	Satin Brass	1	1	£15.84
B701BD-	PXA 6 PIN BARREL 35 BD - SE	Dark Brown	1	1	£16.32
B701BZ-	PXA 6 PIN BARREL 35 BZ - SE	Bronze / Medium Brown	1	1	£16.32
B701NI-	PXA 6 PIN BARREL 35 NI - SE	Nickel	1	1	£11.26
B701PB-	PXA 6 PIN BARREL 35 PB - SE	Polished Brass	1	1	£16.32
B701PC-	PXA 6 PIN BARREL 35 PC - SE	Polished Chrome	1	1	£16.32
B701SB-	PXA 6 PIN BARREL 35 NI - SE	Satin Brass	1	1	£11.26
B703BD-	PXA 6 PIN BARREL 31.5 BD - SE	Dark Brown	1	1	£15.84
B703BZ-	PXA 6 PIN BARREL 31.5 BZ - SE	Bronze / Medium Brown	5	1	£15.84
B703NI-	PXA 6 PIN BARREL 31.5 NI - SE	Nickel	1	1	£10.78
B703PB-	PXA 6 PIN BARREL 31.5 PB - SE	Polished Brass	1	1	£15.84
B703PC-	PXA 6 PIN BARREL 31.5 PC - SE	Polished Chrome	1	1	£15.84
B703SB-	PXA 6 PIN BARREL 31.5 SB - SE	Satin Brass	1	1	£10.78
B704BD-	PXA 6 PIN BARREL 35 BD - SE	Dark Brown	10	1	£16.32
B704BZ-	PXA 6 PIN BARREL 35 BZ - SE	Bronze / Medium Brown	1	1	£16.32
B704NI-	PXA 6 PIN BARREL 35 NI - SE	Nickel	1	1	£11.26
B704PB-	PXA 6 PIN BARREL 35 PB - SE	Polished Brass	1	1	£16.32
B704PC-	PXA 6 PIN BARREL 35 PC - SE	Polished Chrome	1	1	£16.32
B704SB-	PXA 6 PIN BARREL 35 SB - SE	Satin Brass	1	1	£11.26
B733BD-	PXA 6 PIN BARREL RIM CYL BD - SE	Dark Brown	10	1	£17.34
B733BZ-	PXA 6 PIN BARREL RIM CYL BZ - SE	Bronze / Medium Brown	10	1	£17.34
B733NI-	PXA 6 PIN BARREL RIM CYL NI - SE	Nickel	1	1	£12.29
B733PB-	PXA 6 PIN BARREL RIM CYL PB - SE	Polished Brass	1	1	£17.34
B733PC-	PXA 6 PIN BARREL RIM CYL PC - SE	Polished Chrome	1	1	£17.34
B733SB-	PXA 6 PIN BARREL RIM CYL SB - SE	Satin Brass	1	1	£12.29
B743BD-	PXA 6 PIN BARREL SCREW IN CYL BD - SE	Dark Brown	1	1	£21.69
B743BZ-	PXA 6 PIN BARREL SCREW IN CYL BZ - SE	Bronze / Medium Brown	1	1	£21.69
B743NI-	PXA 6 PIN BARREL SCREW IN CYL NI - SE	Nickel	1	1	£16.64
B743PB-	PXA 6 PIN BARREL SCREW IN CYL PB - SE	Polished Brass	1	1	£21.69
B743PC-	PXA 6 PIN BARREL SCREW IN CYL PC - SE	Polished Chrome	1	1	£21.69
B743SB-	PXA 6 PIN BARREL SCREW IN CYL SB - SE	Satin Brass	1	1	£16.64
B754BD-	PXA 7 PIN BARREL SCANDINAVIAN CYL BD - SE	Dark Brown	1	1	£20.41
B754BZ-	PXA 7 PIN BARREL SCANDINAVIAN CYL BZ - SE	Bronze / Medium Brown	1	1	£20.41
B754NI-	PXA 7 PIN BARREL SCANDINAVIAN CYL NI - SE	Nickel	10	1	£15.35
B754PB-	PXA 7 PIN BARREL SCANDINAVIAN CYL PB - SE	Polished Brass	1	1	£20.41
B754PC-	PXA 7 PIN BARREL SCANDINAVIAN CYL PB - SE	Polished Chrome	1	1	£20.41
B754SB-	PXA 7 PIN BARREL SCANDINAVIAN CYL SB - SE	Satin Brass	10	1	£15.35
B108BZ-	AP2 5 PIN BARREL RIM CYL BZ	Bronze / Medium Brown	10	1	£13.18
B108NI-	AP2 5 PIN BARREL RIM CYL NI	Nickel	10	1	£8.49
B108PB-	AP2 5 PIN BARREL RIM CYL PB	Polished Brass	10	1	£13.18
B108PC-	AP2 5 PIN BARREL RIM CYL PC	Polished Chrome	10	1	£13.18
B108SB-	AP2 5 PIN BARREL RIM CYL SB	Satin Brass	10	1	£8.49
B100NI-	AP2 5 PIN BARREL 31.5 NI	Nickel	10	1	£7.74
B100PB-	AP2 5 PIN BARREL 31.5 PB	Polished Brass	10	1	£12.43
B100PC-	AP2 5 PIN BARREL 31.5 PC	Polished Chrome	10	1	£12.43
B100SB-	AP2 5 PIN BARREL 31.5 SB	Satin Brass	10	1	£7.74
B101BZ-	AP2 5 PIN BARREL 35 BZ	Bronze / Medium Brown	10	1	£13.54
B101NI-	AP2 5 PIN BARREL 35 NI	Nickel	10	1	£8.85
B101PB-	AP2 5 PIN BARREL 35 PB	Polished Brass	10	1	£13.54
B101PC-	AP2 5 PIN BARREL 35 PC	Polished Chrome	10	1	£13.54
B101SB-	AP2 5 PIN BARREL 35 SB	Satin Brass	10	1	£8.85
B109BD-	AP2 6 PIN BARREL RIM CYL BD	Dark Brown	10	1	£14.33
B109BZ-	AP2 6 PIN BARREL RIM CYL BZ	Bronze / Medium Brown	10	1	£14.33
B109NI-	AP2 6 PIN BARREL RIM CYL NI	Nickel	10	1	£9.63
B103BZ-	AP2 6 PIN BARREL 31.5 BZ	Bronze / Medium Brown	10	1	£12.78
B103NI-	AP2 6 PIN BARREL-31.5-NI	Nickel	10	1	£8.09
B103PB-	AP2 6 PIN BARREL 31.5 PB	Polished Brass	10	1	£12.78
B103PC-	AP2 6 PIN BARREL 31.5 PC	Polished Chrome	10	1	£12.78
B103SB-	AP2 6 PIN BARREL 31.5 SB	Satin Brass	10	1	£8.09
B104BD-	AP2 6 PIN BARREL 35 BD	Dark Brown	10	1	£13.87
B104BZ-	AP2 6 PIN BARREL 35 BZ	Bronze / Medium Brown	10	1	£13.87
B104NI-	AP2 6 PIN BARREL-35-NI	Nickel	10	1	£9.17
B104PB-	AP2 6 PIN BARREL 35 PB	Polished Brass	10	1	£13.87
B104PC-	AP2 6 PIN BARREL 35 PC	Polished Chrome	10	1	£13.87
B104SB-	AP2 6 PIN BARREL 35 SB	Satin Brass	10	1	£9.17
B107BZ-	AP2 7 PIN BARREL SCANDINAVIAN CYLINDER BZ	Bronze / Medium Brown	10	1	£17.17
B107NI-	AP2 7 PIN BARREL SCANDINAVIAN CYLINDER NI	Nickel	10	1	£12.48
B107PB-	AP2 7 PIN BARREL SCANDINAVIAN CYLINDER PB	Polished Brass	10	1	£17.17
B107SB-	AP2 7 PIN BARREL SCANDINAVIAN CYLINDER SB	Satin Brass	10	1	£12.48
B109PB-	AP2 6 PIN BARREL RIM CYL PB	Polished Brass	10	1	£14.33
B109PC-	AP2 6 PIN BARREL RIM CYL PC	Polished Chrome	10	1	£14.33
B109SB-	AP2 6 PIN BARREL RIM CYL SB	Satin Brass	10	1	£9.63
B111NI-	AP2 6 PIN BARREL SCREW IN CYL NI	Nickel	10	1	£16.92
B111SB-	AP2 6 PIN BARREL SCREW IN CYL SB	Satin Brass	10	1	£16.92

Couplings

Item ID	Component Description	Component Colour	Minimum Order Quantity	Pack Size	Pack Price
0167	BARREL EXTN COUPLING 7.5		100	100	£186.27
0169	BARREL EXTN COUPLING 12.5		100	100	£186.27
0171	BARREL EXTN COUPLING 17.5		10	10	£18.67
0173	BARREL EXTN COUPLING 22.5		10	10	£21.84
0175	BARREL EXTN COUPLING 27.5		10	10	£21.84
0216	COUPLING EURO/OVAL DBL DZ/DZ		100	100	£124.24
0217	COUPLING EURO/OVAL DBL KZ/KZ		100	100	£186.33
0218	COUPLING EURO/OVAL DBL KZ/DZ		100	100	£186.33
0219	COUPLING EURO/OVAL DBL KZ/DZ2		100	100	£212.58
0220	COUPLING EURO/OVAL DBL DZ/DZ2		100	100	£217.43
0221	COUPLING EURO/OVAL DBL DZ2/DZ2		100	100	£217.43
0227	ROLLER COUPLING 5		100	100	£21.84
0228	ROLLER COUPLING 5.7		100	100	£21.84
0229	ROLLER COUPLING 6.2		100	100	£36.65
0231	ROLLER COUPLING 9.7		100	100	£42.74
0232	ROLLER COUPLING 10		100	100	£28.30
0233	ROLLER COUPLING 15		100	100	£31.13
0234	ROLLER COUPLING 20		100	100	£43.57
11067334	ROLLER-COUPLING-14.7MM		1	100	£63.73
11067350	ROLLER-COUPLING-19.7MM		1	100	£74.97
11067377	ROLLER-COUPLING-24.7MM		1	100	£67.49
11067385	ROLLER-COUPLING-29.7MM		1	100	£111.23
0479	COUPLING EURO/OVAL SINGLE CYL		100	100	£186.33
23000639	COUPLING EURO/OVAL TURN CYL DZH2		100	100	£372.64
23000640	COUPLING EURO/OVAL TURN CYL DZH		100	100	£372.64
23000641	COUPLING EURO/OVAL TURN CYL KZH		100	100	£434.75

Cam Components

Item ID	Component Description	Component Colour	Minimum Order Quantity	Pack Size	Pack Price
0201	CAM FOR EURO DOUBLE		100	100	£124.24
0204	CAM For EURO CYLINDER WITH KNOB TURN		100	100	£155.28
0205	CAM OVAL DOUBLE CYLINDER		100	100	£139.12
0208	CAM OVAL CYLINDER WITH KNOB		100	100	£139.12
0212	CAM FOR SCREW-IN TO SUIT YALE		1	10	£44.52
0213	CAM FOR SCREW-IN TO SUIT UNION		1	10	£44.52
0214	CAM DRIVE BAR RIM CYL		100	100	£93.14
0264	CAMS HOLDING SCREW FOR SCREW IN		100	100	£11.12
0480	CAM 8 POSITION EURO SINGLE CYL		100	100	£155.28
0522	CAM BAR FOR SCANDINAVIAN SINGLE		50	50	£13.98
0756	CAM 8 POSITION OVAL SINGLE CYL		10	10	£15.55
0211A	ADAMS RITE SCREW IN CAM		10	10	£44.52

Springs & Pins

Item ID	Component Description	Component Colour	Minimum Order Quantity	Pack Size	Pack Price
0247	HOLDING PIN FOR RIM CYL		100	100	£18.66
23000642	SPRING EURO/OVAL TURN CYL COUPLING		100	100	£16.80
23005835	DISTANCE RING 8.5mm NI	Nickel	1	1	£10.51
0259-NI	RIM CYLINDER ROSETTE-NI	Nickel	10	1	£4.54

Thumbturn Components

Item ID	Component Description	Component Colour	Minimum Order Quantity	Pack Size	Pack Price
0351	ROTOR 31.5		1	1	£4.83
0352	Knob Rotor 35.5mm		1	1	£5.25
0353	ROTOR 40		50	1	£5.87
0550	ROTOR 45		1	1	£6.46
0551	ROTOR 50		1	1	£7.52
0552	ROTOR 55		10	1	£8.58
0553	ROTOR-60		10	1	£9.67
4890-NI	KNOB TOP FREEDOM NI	Nickel	1	1	£6.96
4890-SB	KNOB TOP FREEDOM SB	Satin Brass	1	1	£6.96
4890-BD	KNOB TOP FREEDOM BD	Dark Brown	10	1	£12.10
4890-BZ	KNOB TOP FREEDOM BZ	Bronze / Medium Brown	10	1	£12.10
4890-PB	KNOB TOP FREEDOM PB	Polished Brass	10	1	£12.10
4890-PC	KNOB TOP FREEDOM PC	Polished Chrome	10	1	£12.10
4890-RB	KNOB TOP FREEDOM RB	Raw Brass	10	1	£6.96
4891-NI	KNOB TOP FREEDOM EASY (EZ) NI	Nickel	1	1	£11.90
4891-SB	KNOB TOP FREEDOM EASY (EZ) SB	Satin Brass	10	1	£11.90
4891-BD	KNOB TOP FREEDOM EASY (EZ) BD	Dark Brown	10	1	£17.05
4891-BZ	KNOB TOP FREEDOM EASY (EZ) BZ	Bronze / Medium Brown	10	1	£17.05
4891-PB	KNOB TOP FREEDOM EASY (EZ) PB	Polished Brass	10	1	£17.05
4891-PC	KNOB TOP FREEDOM EASY (EZ) PC	Polished Chrome	10	1	£17.05
4891-RB	KNOB TOP FREEDOM EASY (EZ) RB	Raw Brass	10	1	£11.90
0347-NI	KNOB TOP ROUND NI	Nickel	1	1	£6.96
0347-SB	KNOB TOP ROUND SB	Satin Brass	1	1	£6.96
0347-BD	KNOB TOP ROUND BD	Dark Brown	10	1	£12.10
0347-BZ	KNOB TOP ROUND BZ	Bronze / Medium Brown	10	1	£12.10
0347-PB	KNOB TOP ROUND PB	Polished Brass	10	1	£12.10
0347-PC	KNOB TOP ROUND PC	Polished Chrome	10	1	£12.10
0348-NI	KNOB TOP OVAL NI	Nickel	1	1	£6.96
0348-SB	KNOB TOP OVAL SB	Satin Brass	1	1	£6.96
0348-BZ	KNOB TOP OVAL BZ	Bronze / Medium Brown	10	1	£12.10
0348-PB	KNOB TOP OVAL PB	Polished Brass	10	1	£12.10
0348-PC	KNOB TOP OVAL PC	Polished Chrome	10	1	£12.10
0554-NI	KNOB TOP ARCHITECTURAL NI	Nickel	1	1	£6.96
0554-SB	KNOB TOP ARCHITECTURAL SB	Satin Brass	1	1	£6.96
0554-BD	KNOB TOP ARCHITECTURAL BD	Dark Brown	10	1	£12.10
0554-BZ	KNOB TOP ARCHITECTURAL BZ	Bronze / Medium Brown	10	1	£12.10
0554-PB	KNOB TOP ARCHITECTURAL PB	Polished Brass	10	1	£12.10
0554-PC	KNOB TOP ARCHITECTURAL PC	Polished Chrome	10	1	£12.10
0554-RB	KNOB TOP ARCHITECTURAL RB	Raw Brass	10	1	£6.96
0185-NI	Thumbturn Assembly - Round 31.5 NI	Nickel	10	1	£10.90
0186-NI	Thumbturn Assembly - Round 35.5 NI	Nickel	1	1	£11.47
0187-NI	Thumbturn Assembly - Round 40 NI	Nickel	10	1	£12.05
0188-NI	Thumbturn Assembly - Round 45 NI	Nickel	1	1	£12.61
0189-NI	Thumbturn Assembly - Round 50 NI	Nickel	1	1	£13.19
0190-NI	Thumbturn Assembly - Round 55 NI	Nickel	1	1	£13.75
0191-NI	Thumbturn Assembly - Round 60 NI	Nickel	1	1	£14.34

0195-NI	Thumbturn Assembly - Oval 35.5 NI	Nickel	10	1	£11.47
0196-NI	Thumbturn Assembly - Oval 40 NI	Nickel	5	1	£12.05
0197-NI	Thumbturn Assembly - Oval 45 NI	Nickel	5	1	£12.61
0198-NI	Thumbturn Assembly - Oval 50 NI	Nickel	1	1	£13.19
0199-NI	Thumbturn Assembly - Oval 55 NI	Nickel	1	1	£13.75
0200-NI	Thumbturn Assembly - Oval 60 NI	Nickel	1	1	£14.34
05430-NI	Thumbturn Assembly - Freedom 31.5 NI	Nickel	1	1	£13.83
05431-NI	Thumbturn Assembly - Freedom 35.5 NI	Nickel	1	1	£14.40
05432-NI	Thumbturn Assembly - Freedom 40 NI	Nickel	1	1	£14.97
05433-NI	Thumbturn Assembly - Freedom 45 NI	Nickel	1	1	£15.55
05434-NI	Thumbturn Assembly - Freedom 50 NI	Nickel	1	1	£16.12
05435-NI	Thumbturn Assembly - Freedom 55 NI	Nickel	1	1	£16.68
05436-NI	Thumbturn Assembly - Freedom 60 NI	Nickel	1	1	£17.26
05440-NI	Thumbturn Assembly - Freedom EZ 31.5 NI	Nickel	1	1	£18.76
05441-NI	Thumbturn Assembly - Freedom EZ 35.5 NI	Nickel	1	1	£19.34
05442-NI	Thumbturn Assembly - Freedom EZ 40 NI	Nickel	1	1	£19.91
05443-NI	Thumbturn Assembly - Freedom EZ 45 NI	Nickel	1	1	£20.49
05444-NI	Thumbturn Assembly - Freedom EZ 50 NI	Nickel	1	1	£21.06
05445-NI	Thumbturn Assembly - Freedom EZ 55 NI	Nickel	1	1	£21.62
05446-NI	Thumbturn Assembly - Freedom EZ 60 NI	Nickel	1	1	£22.20
0541-NI	Thumbturn Assembly - Arch 31.5 NI	Nickel	10	1	£10.90
0542-NI	Thumbturn Assembly - Arch 35.5 NI	Nickel	10	1	£11.47
0543-NI	Thumbturn Assembly - Arch 40 NI	Nickel	5	1	£12.05
0544-NI	Thumbturn Assembly - Arch 45 NI	Nickel	5	1	£12.61
0545-NI	Thumbturn Assembly - Arch 50 NI	Nickel	3	1	£13.19
0546-NI	Thumbturn Assembly - Arch 55 NI	Nickel	1	1	£13.75
0547-NI	Thumbturn Assembly - Arch 60 NI	Nickel	1	1	£14.34

Thumbturn Assembly Kits

Item ID	Component Description	Component Colour	Minimum Order Quantity	Pack Size	Pack Price
0185-SB	Thumbturn Assembly - Round 31.5 SB	Satin Brass	10	1	£10.90
0185-BZ	Thumbturn Assembly - Round 31.5 BZ	Bronze / Medium Brown	10	1	£16.05
0185-PB	Thumbturn Assembly - Round 31.5 PB	Polished Brass	10	1	£16.05
0185-PC	Thumbturn Assembly - Round 31.5 PC	Polished Chrome	10	1	£16.05
0186-SB	Thumbturn Assembly - Round 35.5 SB	Satin Brass	10	1	£11.47
0186-BZ	Thumbturn Assembly - Round 35.5 BZ	Bronze / Medium Brown	10	1	£16.62
0186-BD	Thumbturn Assembly - Round 35.5 BD	Dark Brown	10	1	£16.62
0186-PB	Thumbturn Assembly - Round 35.5 PB	Polished Brass	10	1	£16.62
0186-PC	Thumbturn Assembly - Round 35.5 PC	Polished Chrome	10	1	£16.62
0187-SB	Thumbturn Assembly - Round 40 SB	Satin Brass	10	1	£12.05
0187-BZ	Thumbturn Assembly - Round 40 BZ	Bronze / Medium Brown	10	1	£17.18
0187-PB	Thumbturn Assembly - Round 40 PB	Polished Brass	10	1	£17.18
0187-PC	Thumbturn Assembly - Round 40 PC	Polished Chrome	10	1	£17.18
0188-SB	Thumbturn Assembly - Round 45 SB	Satin Brass	10	1	£12.61
0188-BZ	Thumbturn Assembly - Round 45 BZ	Bronze / Medium Brown	10	1	£17.76
0188-PB	Thumbturn Assembly - Round 45 PB	Polished Brass	10	1	£17.76
0188-PC	Thumbturn Assembly - Round 45 PC	Polished Chrome	10	1	£17.76
0189-SB	Thumbturn Assembly - Round 50 SB	Satin Brass	1	1	£13.19
0189-BZ	Thumbturn Assembly - Round 50 BZ	Bronze / Medium Brown	10	1	£18.32
0189-PB	Thumbturn Assembly - Round 50 PB	Polished Brass	10	1	£18.32
0189-PC	Thumbturn Assembly - Round 50 PC	Polished Chrome	10	1	£18.32
0190-SB	Thumbturn Assembly - Round 55 SB	Satin Brass	1	1	£13.75
0190-BZ	Thumbturn Assembly - Round 55 BZ	Bronze / Medium Brown	10	1	£18.91
0190-PB	Thumbturn Assembly - Round 55 PB	Polished Brass	10	1	£18.91
0191-SB	Thumbturn Assembly - Round 60 SB	Satin Brass	5	1	£14.34
0191-BZ	Thumbturn Assembly - Round 60 BZ	Bronze / Medium Brown	10	1	£19.48
0191-PB	Thumbturn Assembly - Round 60 PB	Polished Brass	10	1	£19.48
0194-NI	Thumbturn Assembly - Oval 31.5 NI	Nickel	10	1	£10.90
0194-SB	Thumbturn Assembly - Oval 31.5 SB	Satin Brass	10	1	£10.90
0194-BZ	Thumbturn Assembly - Oval 31.5 BZ	Bronze / Medium Brown	10	1	£16.05
0194-PB	Thumbturn Assembly - Oval 31.5 PB	Polished Brass	10	1	£16.05
0194-PC	Thumbturn Assembly - Oval 31.5 PC	Polished Chrome	10	1	£16.05
0195-SB	Thumbturn Assembly - Oval 35.5 SB	Satin Brass	10	1	£11.47
0195-BZ	Thumbturn Assembly - Oval 35.5 BZ	Bronze / Medium Brown	10	1	£16.62
0195-PB	Thumbturn Assembly - Oval 35.5 PB	Polished Brass	10	1	£16.62
0195-PC	Thumbturn Assembly - Oval 35.5 PC	Polished Chrome	10	1	£16.62
0196-SB	Thumbturn Assembly - Oval 40 SB	Satin Brass	5	1	£12.05
0196-BZ	Thumbturn Assembly - Oval 40 BZ	Bronze / Medium Brown	10	1	£17.18
0196-PB	Thumbturn Assembly - Oval 40 PB	Polished Brass	10	1	£17.18
0196-PC	Thumbturn Assembly - Oval 40 PC	Polished Chrome	10	1	£17.18
0197-SB	Thumbturn Assembly - Oval 45 SB	Satin Brass	5	1	£12.61
0197-BZ	Thumbturn Assembly - Oval 45 BZ	Bronze / Medium Brown	10	1	£17.76
0197-PB	Thumbturn Assembly - Oval 45 PB	Polished Brass	10	1	£17.76
0197-PC	Thumbturn Assembly - Oval 45 PC	Polished Chrome	10	1	£17.76
0198-SB	Thumbturn Assembly - Oval 50 SB	Satin Brass	3	1	£13.19
0198-BZ	Thumbturn Assembly - Oval 50 BZ	Bronze / Medium Brown	10	1	£18.32

0198-PB	Thumbturn Assembly - Oval 50 PB	Polished Brass	10	1	£18.32
0198-PC	Thumbturn Assembly - Oval 50 PC	Polished Chrome	10	1	£18.32
0199-SB	Thumbturn Assembly - Oval 55 SB	Satin Brass	1	1	£13.75
0199-BZ	Thumbturn Assembly - Oval 55 BZ	Bronze / Medium Brown	10	1	£18.91
0199-PB	Thumbturn Assembly - Oval 55 PB	Polished Brass	10	1	£18.91
0200-SB	Thumbturn Assembly - Oval 60 SB	Satin Brass	1	1	£14.34
0200-BZ	Thumbturn Assembly - Oval 60 BZ	Bronze / Medium Brown	10	1	£19.48
0200-PB	Thumbturn Assembly - Oval 60 PB	Polished Brass	10	1	£19.48
05430-SB	Thumbturn Assembly - Freedom 31.5 SB	Satin Brass	1	1	£13.83
05430-RB	Thumbturn Assembly - Freedom 31.5 RB	Raw Brass	10	1	£13.83
05430-BD	Thumbturn Assembly - Freedom 31.5 BD	Dark Brown	10	1	£18.97
05430-PB	Thumbturn Assembly - Freedom 31.5 PB	Polished Brass	10	1	£18.97
05430-PC	Thumbturn Assembly - Freedom 31.5 PC	Polished Chrome	10	1	£18.97
05431-SB	Thumbturn Assembly - Freedom 35.5 SB	Satin Brass	1	1	£14.40
05431-BZ	Thumbturn Assembly - Freedom 35.5 BZ	Bronze / Medium Brown	10	1	£19.55
05431-BD	Thumbturn Assembly - Freedom 35.5 BD	Dark Brown	10	1	£19.55
05431-PB	Thumbturn Assembly - Freedom 35.5 PB	Polished Brass	10	1	£19.55
05431-PC	Thumbturn Assembly - Freedom 35.5 PC	Polished Chrome	10	1	£19.55
05432-SB	Thumbturn Assembly - Freedom 40 SB	Satin Brass	1	1	£14.97
05432-BZ	Thumbturn Assembly - Freedom 40 BZ	Bronze / Medium Brown	10	1	£20.11
05432-PB	Thumbturn Assembly - Freedom 40 PB	Polished Brass	10	1	£20.11
05432-PC	Thumbturn Assembly - Freedom 40 PC	Polished Chrome	10	1	£20.11
05433-SB	Thumbturn Assembly - Freedom 45 SB	Satin Brass	1	1	£15.55
05433-PB	Thumbturn Assembly - Freedom 45 PB	Polished Brass	10	1	£20.68
05433-PC	Thumbturn Assembly - Freedom 45 PC	Polished Chrome	10	1	£20.68
05434-SB	Thumbturn Assembly - Freedom 50 SB	Satin Brass	1	1	£16.12
05435-SB	Thumbturn Assembly - Freedom 55 SB	Satin Brass	1	1	£16.68
05435-PC	Thumbturn Assembly - Freedom 55 PC	Polished Chrome	10	1	£21.83
05436-SB	Thumbturn Assembly - Freedom 60 SB	Satin Brass	1	1	£17.26
05440-SB	Thumbturn Assembly - Freedom EZ 31.5 SB	Satin Brass	10	1	£18.76
05440-PB	Thumbturn Assembly - Freedom EZ 31.5 PB	Polished Brass	10	1	£23.90
05441-SB	Thumbturn Assembly - Freedom EZ 35.5 SB	Satin Brass	10	1	£19.34
05441-PB	Thumbturn Assembly - Freedom EZ 35.5 PB	Polished Brass	10	1	£24.48
05442-SB	Thumbturn Assembly - Freedom EZ 40 SB	Satin Brass	10	1	£19.91
05442-PB	Thumbturn Assembly - Freedom EZ 40 PB	Polished Brass	10	1	£25.06
05442-PC	Thumbturn Assembly - Freedom EZ 40 PC	Polished Chrome	10	1	£25.06
05443-SB	Thumbturn Assembly - Freedom EZ 45 SB	Satin Brass	10	1	£20.49
05443-PB	Thumbturn Assembly - Freedom EZ 45 PB	Polished Brass	10	1	£25.63
05443-PC	Thumbturn Assembly - Freedom EZ 45 PC	Polished Chrome	10	1	£20.68
05444-SB	Thumbturn Assembly - Freedom EZ 50 SB	Satin Brass	10	1	£21.06
05445-SB	Thumbturn Assembly - Freedom EZ 55 SB	Satin Brass	10	1	£21.62
05446-SB	Thumbturn Assembly - Freedom EZ 60 SB	Satin Brass	10	1	£22.20
0541-SB	Thumbturn Assembly - Arch 31.5 SB	Satin Brass	1	1	£10.90
0541-BZ	Thumbturn Assembly - Arch 31.5 BZ	Bronze / Medium Brown	10	1	£16.05
0541-PB	Thumbturn Assembly - Arch 31.5 PB	Polished Brass	10	1	£16.05
0541-PC	Thumbturn Assembly - Arch 31.5 PC	Polished Chrome	10	1	£16.05
0542-SB	Thumbturn Assembly - Arch 35.5 SB	Satin Brass	1	1	£11.47
0542-BZ	Thumbturn Assembly - Arch 35.5 BZ	Bronze / Medium Brown	10	1	£16.62
0542-PB	Thumbturn Assembly - Arch 35.5 PB	Polished Brass	10	1	£16.62
0542-PC	Thumbturn Assembly - Arch 35.5 PC	Polished Chrome	10	1	£16.62
0543-SB	Thumbturn Assembly - Arch 40 SB	Satin Brass	5	1	£12.05
0543-BZ	Thumbturn Assembly - Arch 40 BZ	Bronze / Medium Brown	10	1	£17.18
0543-PB	Thumbturn Assembly - Arch 40 PB	Polished Brass	10	1	£17.18
0543-PC	Thumbturn Assembly - Arch 40 PC	Polished Chrome	10	1	£17.18
0544-SB	Thumbturn Assembly - Arch 45 SB	Satin Brass	5	1	£12.61
0544-BZ	Thumbturn Assembly - Arch 45 BZ	Bronze / Medium Brown	10	1	£17.76
0544-PB	Thumbturn Assembly - Arch 45 PB	Polished Brass	10	1	£17.76
0544-PC	Thumbturn Assembly - Arch 45 PC	Polished Chrome	10	1	£17.76
0545-SB	Thumbturn Assembly - Arch 50 SB	Satin Brass	1	1	£13.19
0545-BZ	Thumbturn Assembly - Arch 50 BZ	Bronze / Medium Brown	10	1	£18.32
0545-PB	Thumbturn Assembly - Arch 50 PB	Polished Brass	10	1	£18.32
0546-SB	Thumbturn Assembly - Arch 55 SB	Satin Brass	1	1	£13.75
0546-BZ	Thumbturn Assembly - Arch 55 BZ	Bronze / Medium Brown	10	1	£18.91
0546-PB	Thumbturn Assembly - Arch 55 PB	Polished Brass	10	1	£18.91
0547-SB	Thumbturn Assembly - Arch 60 SB	Satin Brass	1	1	£14.34
0547-PB	Thumbturn Assembly - Arch 60 PB	Polished Brass	10	1	£19.48

General Terms for the supply of Goods and Services

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.

1. **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.

In this Contract:

1.2. Personal data, controller, processor, data subject and processing have the meanings respectively set out in the UK GDPR

1.2.1. the singular includes the plural and vice versa;

1.2.2. references to gender include references to all genders; unless otherwise stated, references to clauses are to clauses of these Terms; and

1.2.3. 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



General Terms for the supply of Goods and Services

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.
- 5.4.2. 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**



General Terms for the supply of Goods and Services

- 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 re-delivery 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.

9.

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



General Terms for the supply of Goods and Services

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.

- 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.

Limitation of liability

10. 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. 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.

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.

Change Requests

13. 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.
- 13.1. 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.
- 13.2. 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.
- 13.3. 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.
- 13.4. **Termination for Cause**

14. 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.
- 14.1. 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.

Dispute Resolution Procedure

15. 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



General Terms for the supply of Goods and Services

- 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 you; 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.
- 18.6. 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



General Terms for the supply of Goods and Services

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, sub-contract 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

1. **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

1. **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.
2. **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..
6. **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.
- 8. **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.

1. **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'.

2. **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



dormakaba.com/gb-en

dormakaba UK Ltd

Wilbury Way
Hitchin
Hertfordshire
SG4 0AB

T: 01462 477600

info.gb@dormakaba.com

dormakaba.com/gb-en