













## Case hardware

**La bagagerie - Benodigheden voor transportkoffers**



## Key to Abbreviations

	Material	NH	No Holes
MS	Mild Steel		Working Load
SS	Stainless Steel Type 304		Ultimate Tensile Strength (see General Fastener Guide)
SS316	Stainless Steel Type 316		Safety Catch Version
	Finish		Padlockable Version
ZN	Zinc Plated Silver Passivate	A B C	Approximate Dimensions (mm) A = length B = width C = height
ZN/YP	Zinc Plated Yellow colour Passivate		3D models and CAD files can be downloaded @ <a href="http://www.protex.com">www.protex.com</a>
SF	Self Finish		Approximate Weight (Kg)
BL	Electrophoretic Black Paint		Recommended Catchplate (please order separately where required)
■	Barrel Polished (Stainless Steel)		Optional Sealing Pins (see General Fastener Guide)
∅	Diameter of Fixing Holes (mm)		

## Ordering Information

- The full standard range of items shown are normally available from stock.
- The standard options available are shown in the row alongside each part number.
- When ordering please specify:

**PART NUMBER + MATERIAL + FINISH + QUANTITY**

**PLEASE REMEMBER TO ORDER CATCHPLATES SEPARATELY WHERE REQUIRED.**

### Example of how to order:

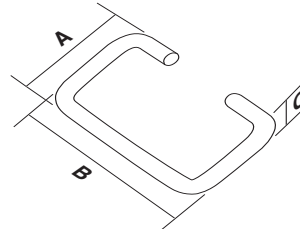
LATCH			
Part No. + Material + Finish + Qty			
33-1260	MS	ZN	25
Please remember to order catchplates separately where required:			
CATCHPLATE			
Part No. + Material + Finish + Qty			
05-1058	MS	ZN	25

# WIRE HANDLES

**WIRE HANDLES** - see table on page 50 for suitable HANDLE PLATES

Part Number	Material	Finish	Diameter of fixing holes (mm)	Ultimate Tensile Strength (kg)	Radius of Curve (mm)	Dimensions (mm) (approximate sizes)			Approx. weight (kg)	Recommended Handle Plate Options
						A	B	C		
<b>94-120A</b>	MS	ZN	–	100	–	52.5	101.7	8.0	0.090	94-120B
	SS	■	–	150	–	52.5	101.7	8.0	0.090	
	MS	BL	–	100	–	52.5	101.7	8.0	0.090	
<b>321C</b>	MS	ZN	–	100	–	65.1	114.3	8.0	0.106	94-1975, 93-1044B, 94-0342, 94-0403, 94-0570
	SS	■	–	175	–	65.1	114.3	8.0	0.106	
	MS	BL	–	100	–	65.1	114.3	8.0	0.106	
<b>93-1044A</b>	MS	ZN	–	100	–	68.4	114.1	15.0	0.123	94-1975, 93-1044B, 94-0342, 94-0403, 94-0570
	SS	■	–	175	–	68.4	114.1	15.0	0.123	
	MS	BL	–	100	–	68.4	114.1	15.0	0.123	
<b>94-2116</b>	MS	ZN	–	150	–	82.0	139.7	19.4	0.150	94-1975, 93-1044B, 94-0342, 94-0403, 94-0570
	SS	■	–	200	–	82.0	139.7	19.4	0.150	

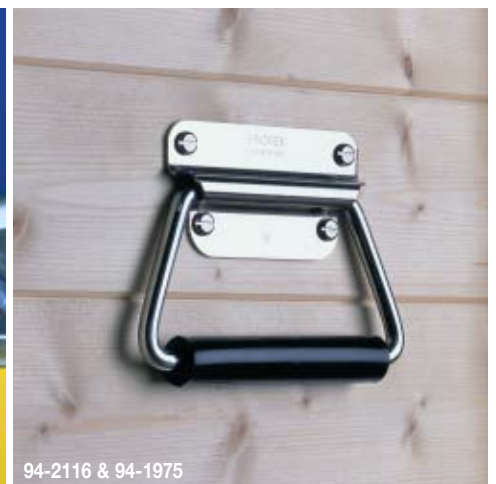
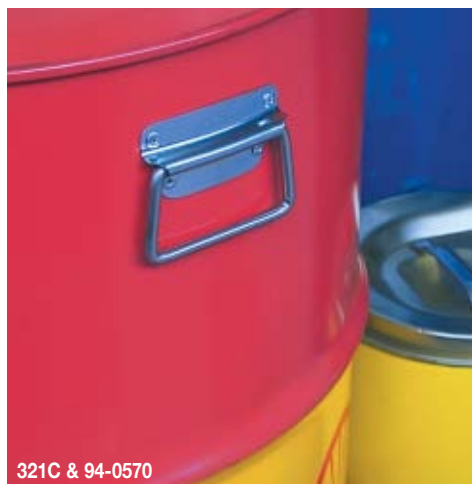
**Dimension Guide**  
(approx. sizes mm)



**Example of how to order:**

WIRE HANDLE			
Part No.	Material	Finish	Qty
94-120A	MS	ZN	25
<b>Please remember to order handle plate separately:</b>			
HANDLE PLATE			
Part No.	Material	Finish	Qty
94-120B	MS	ZN	25

**Combine wire handles & handle plates (page 50) to suit your requirements**





94-120A



94-120AMSBL



321C



321CMSBL



93-1044A



93-1044AMSBL



94-2116

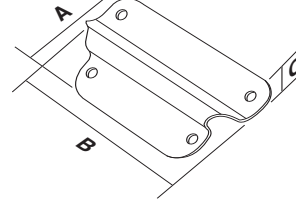
# HANDLE PLATES

## HANDLE PLATES - see table on page 48 for suitable WIRE HANDLES

Part Number	Material	Finish	Diameter of fixing holes (mm)	Ultimate Tensile Strength (kg)	Radius of Curve (mm)	Dimensions (mm) (approximate sizes)			Approx. weight	Recommended Wire Handle Options	Optional Backing Plate
						A	B	C			
<b>94-120B</b>	MS	ZN	5.1	40	-	54.0	101.6	11.6	0.055	94-120A	768
	SS	■	5.1	100	-	54.0	101.6	11.6	0.055		
	MS	BL	5.1	40	-	54.0	101.6	11.6	0.055	94-120AMSBL	
<b>94-120BNH</b>	MS	SF	-	40	-	54.0	101.6	11.6	0.055	94-120A	-
<b>93-1044B</b>	MS	ZN	5.1	150	-	42.0	80.0	10.5	0.037	94-120A, 321C, 93-1044A, 94-2116	-
	SS	■	5.1	200	-	42.0	80.0	10.5	0.037		
<b>93-1044BNH</b>	MS	SF	-	150	-	42.0	80.0	10.5	0.037	94-120A, 321C, 93-1044A, 94-2116	-
	SS	■	-	200	-	42.0	80.0	10.5	0.037		
<b>94-1975</b>	MS	ZN	5.1	70	-	54.0	101.6	12.4	0.090	94-120A, 321C, 93-1044A, 94-2116	637D
	SS	■	5.1	150	-	54.0	101.6	12.4	0.090		
<b>94-1975NH</b>	MS	SF	-	70	-	54.0	101.6	12.4	0.090	94-120A, 321C, 93-1044A, 94-2116	-
	SS	■	-	150	-	54.0	101.6	12.4	0.090		
<b>94-0342</b>	MS	ZN	5.1	40	171.0	52.0	100.0	17.0	0.090	94-120A, 321C, 93-1044A, 94-2116	-
	SS	■	5.1	100	171.0	52.0	100.0	17.0	0.090		
<b>94-0342NH</b>	MS	SF	-	40	171.0	52.0	100.0	17.0	0.090	94-120A, 321C, 93-1044A, 94-2116	-
	SS	■	-	100	171.0	52.0	100.0	17.0	0.090		
<b>94-0403</b>	MS	ZN	5.1	40	201.5	52.0	100.0	16.0	0.090	94-120A, 321C, 93-1044A, 94-2116	-
	SS	■	5.1	100	201.5	52.0	100.0	16.0	0.090		
<b>94-0403NH</b>	MS	SF	-	40	201.5	52.0	100.0	16.0	0.090	94-120A, 321C, 93-1044A, 94-2116	-
	SS	■	-	100	201.5	52.0	100.0	16.0	0.090		
<b>94-0570</b>	MS	ZN	5.1	40	285.0	52.0	101.0	15.0	0.090	94-120A, 321C, 93-1044A, 94-2116	-
	SS	■	5.1	100	285.0	52.0	101.0	15.0	0.090		
<b>94-0570NH</b>	MS	SF	-	40	285.0	52.0	101.0	15.0	0.090	94-120A, 321C, 93-1044A, 94-2116	-
	SS	■	-	100	285.0	52.0	101.0	15.0	0.090		

**Combine wire handles (page 48) & handle plates to suit your requirements**

**Dimension Guide**  
(approx. sizes mm)



**Example of how to order:**

WIRE HANDLE

Part No. + Material + Finish + Qty

**94-120A MS ZN 25**

**Please remember to order handle plate separately:**

HANDLE PLATE

Part No. + Material + Finish + Qty

**94-120B MS ZN 25**

## OPTIONAL BACKING PLATE

Part Number	Material	Finish	Diameter of fixing holes (mm)	Dimensions (mm) (approximate sizes)			Approx. weight
				A	B	C	
<b>768</b>	MS	ZN	5.1	102	52.0	1.2	0.051
	SS	■	5.1	102	52.0	1.2	0.051
<b>637D</b>	MS	ZN	5.1	102	52.0	1.2	0.070
	SS	■	5.1	102	52.0	1.2	0.070



**768**

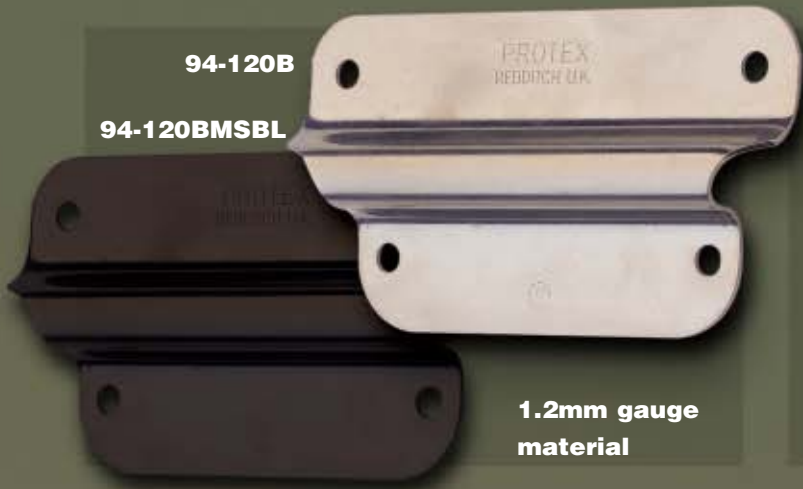


**637D**

Backing Plates are normally used when fitting handles onto thin or flexible material

94-120B

94-120BMSBL



1.2mm gauge material

94-120BNH



1.2mm gauge material

93-1044B



180°

1.2mm gauge material

93-1044BNH



180°

1.2mm gauge material

94-1975



1.5mm gauge material

94-1975NH



1.5mm gauge material

94-0342  
94-0403  
94-0570



1.5mm gauge material

94-0342NH  
94-0403NH  
94-0570NH



1.5mm gauge material

CURVED PLATES

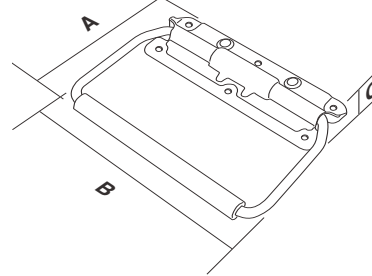


# SPRING RETURN HANDLES

Part Number	Material	Finish	Diameter of fixing holes (mm)	Ultimate Tensile Strength (kg)	Radius of Curve (mm)	Dimensions (mm) (approximate sizes)			Approx. weight Kg	Recommended Wire Handle Options	Optional Backing Plate
						A	B	C			
95-637	MS	ZN	5.1	100	-	88.5	112.7	15.0	0.259	-	637D
	SS	■	5.1	150	-	88.5	112.7	15.0	0.259		
	MS	BL	5.1	100	-	88.5	112.7	15.0	0.259		
95-321	MS	ZN	5.1	100	-	85.2	114.3	14.1	0.194	-	637D
	SS	■	5.1	150	-	85.2	114.3	14.1	0.194		
95-2116	MS	ZN	5.3	250	-	109.5	139.7	19.4	0.321	-	637D
97-596	MS	ZN	5.1	100	-	114.4	152.4	16.2	0.353	-	-
	SS	■	5.1	150	-	114.4	152.4	16.2	0.353		
	MS	BL	5.1	100	-	114.4	152.4	16.2	0.353		



Dimension Guide (approx. sizes mm)



### Example of how to order:

**HANDLE**  
Part No. + Material + Finish + Qty  
**95-637 MS ZN 25**  
**Please remember to order backing plate separately where required:**  
**BACKING PLATE**  
Part No. + Material + Finish + Qty  
**637D MS ZN 25**

## OPTIONAL BACKING PLATES

Part Number	Material	Finish	Diameter of fixing holes (mm)	Dimensions (mm) (approximate sizes)			Approx. weight Kg
				A	B	C	
637D	MS	ZN	5.1	102	52.0	1.2	0.070
	SS	■	5.1	102	52.0	1.2	0.070



637D

Backing Plates are normally used when fitting handles onto thin or flexible material





95-637



95-637MSBL



95-321



95-2116

97-596



97-596MSBL



## SPRING RETURN HANDLES

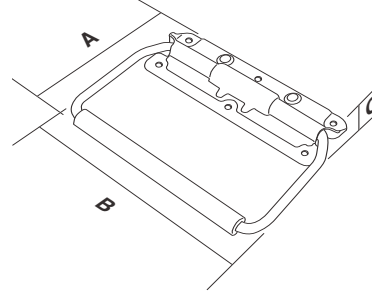


# SPRING RETURN HANDLES

Part Number	Material	Finish	Diameter of fixing holes (mm)	Ultimate Tensile Strength (kg)	Radius of Curve (mm)	Dimensions (mm) (approximate sizes)			Approx. weight Kg	Recommended Wire Handle Options	Optional Backing Plate
						A	B	C			
<b>98-651</b>	MS	ZN	5.3	450	–	135.7	104.5	17.0	0.324	–	651H
	SS	■	5.3	450	–	135.7	104.5	17.0			
<b>97-1030</b>	MS	ZN	5.1	300	–	181.0	127.0	22.0	0.580	–	–
<b>980-6510</b>	MS	ZN	5.1	200	–	150.0	210.0	20.0	0.535	–	–



Dimension Guide (approx. sizes mm)



### Example of how to order:

HANDLE  
Part No. + Material + Finish + Qty

**98-651 MS ZN 25**

**Please remember to order backing plate separately where required:**

BACKING PLATE  
Part No. + Material + Finish + Qty

**651H MS ZN 25**

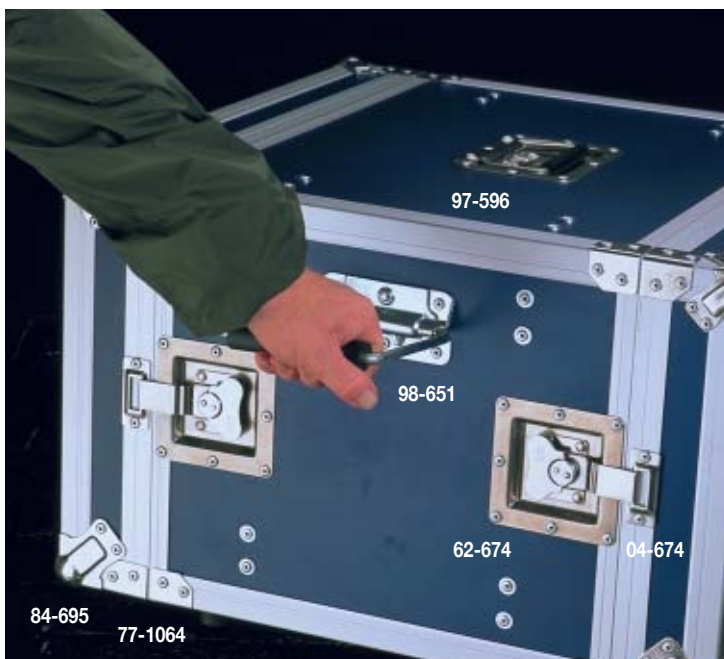
## OPTIONAL BACKING PLATE

Part Number	Material	Finish	Diameter of fixing holes (mm)	Dimensions (mm) (approximate sizes)			Approx. weight Kg
				A	B	C	
<b>651H</b>	MS	ZN	5.3	115	60.3	1.6	0.085
	SS	■	5.3	115	60.3	1.6	



**651H**

Backing Plates are normally used when fitting handles onto thin or flexible material



Ultimate Strength 450kg

97-1030



98-651



Internal mechanism standard to all handles on this page - these handles may be used for slinging



980-6510



## SPRING RETURN HANDLES

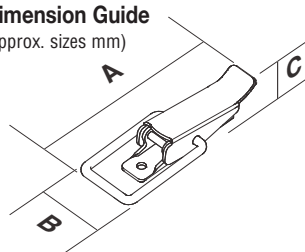
# CASE HARDWARE

Part Number	Material	Finish	Diameter of fixing holes (mm)	Max. working load (kg) at max. spring deflection (mm)	Ultimate Tensile Strength (kg)	Safety catch version	Padlock version	Dimensions (mm) (approximate sizes)			Approx. weight	Recommended catchplate, order separately where required	Optional sealing pins
								A	B	C			
<b>62-1077</b>	MS	ZN	3.3	-	80	-	-	47.0	23.9	16.8	0.033	01-650	-
	SS	■	3.3	-	170	-	-	47.0	23.9	16.8	0.033		
<b>62-650M1</b>	MS	ZN	3.3	-	80	-	-	47.0	38.9	15.2	0.043	01-650	-
	SS	■	3.3	-	170	-	-	47.0	38.9	15.9	0.043		
<b>678EM1</b>	MS	ZN	3.3	50 @ 4.5	80	-	-	48.0	52.3	15.2	0.050	01-650	-
	SS	■	3.3	50 @ 4.5	170	-	-	48.0	52.3	15.2	0.050		
<b>676LM1</b>	MS	ZN	5.1	110 @ 6.0	80	-	-	84.7	77.2	17.9	0.115	04-674/5MM	-
	SS	■	5.1	110 @ 6.0	170	-	-	84.7	77.2	17.9	0.115		

## CATCHPLATES *please order separately where required*

Part Number	Material	Finish	Diameter of fixing holes (mm)	Ultimate Tensile Strength (kg)	Dimensions (mm) (approximate sizes)			Approx. weight
					A	B	C	
<b>01-650</b>	MS	ZN	3.3	200	16.7	36.5	5.6	0.006
	SS	■	3.3	300	16.7	36.5	5.6	0.006
<b>04-674/5MM</b>	SS	■	5.1	300	61.9	25.4	3.6	0.012

### Dimension Guide (approx. sizes mm)

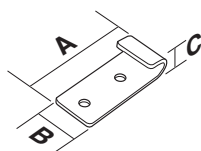


### Example of how to order:

LATCH  
Part No. + Material + Finish + Qty  
**62-1077 MS ZN 25**

**Please remember to order catchplates separately where required:**

CATCHPLATE  
Part No. + Material + Finish + Qty  
**01-650 MS ZN 25**

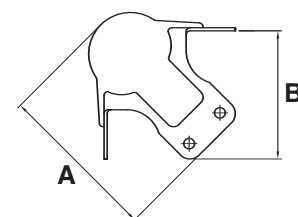
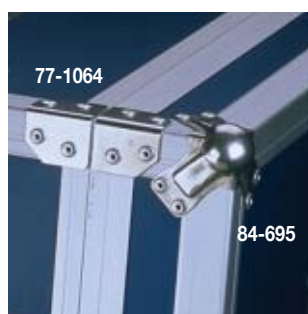


**01-650**



**04-674/5MM**

Part Number	Material	Finish	Diameter of fixing holes (mm)	Max. working load (kg) at max. spring deflection (mm)	Ultimate Tensile Strength (kg)	Safety catch version	Padlock version	Dimensions (mm) (approximate sizes)			Approx. weight	Recommended catchplate, order separately where required	Optional sealing pins
								A	B	C			
<b>83-1026</b>	MS	ZN	4.1	-	-	-	-	63.0	50.0	-	0.047	-	-
<b>83-1026/5MM</b>	SS	■	5.1	-	-	-	-	63.0	50.0	-	0.047	-	-
<b>84-695</b>	MS	ZN	5.1	-	-	-	-	80.0	65.0	-	0.106	-	-
	SS	■	5.1	-	-	-	-	80.0	65.0	-	0.106	-	-
<b>85-679</b>	MS	ZN	5.1	-	-	-	-	92.0	75.4	-	0.121	-	-
<b>77-1064</b>	MS	ZN	4.1	-	-	-	-	40.5	31.8	31.8	0.020	-	-
<b>77-1064/5MM</b>	SS	■	5.1	-	-	-	-	40.5	31.8	31.8	0.020	-	-
<b>80-638</b>	MS	ZN	5.1	-	-	-	-	106.0	40.0	56.5	0.090	-	-
<b>80-2385</b>	SS	■	5.1	-	-	-	-	97.0	52.0	7.7	0.085	-	-



62-1077



62-650M1



678EM1



676LM1



85-679



84-695



83-1026



77-1064



80-638



80-2385



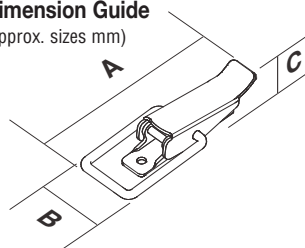
# CASE HARDWARE

Part Number	Material	Finish	Diameter of fixing holes (mm)	Max. working load (kg) at max. spring deflection (mm)	Ultimate Tensile Strength (kg)	Safety catch version	Padlock version	Dimensions (mm) (approximate sizes)			Approx. weight Kg	Recommended catchplate, order separately where required	Optional sealing pins
								A	B	C			
<b>62-678M1</b>	MS	ZN	4.1	50 @ 4.5	80	–	–	104.8	101.6	16.8	0.165	–	–
	SS	■	4.1	50 @ 4.5	170	–	–	104.8	101.6	16.8	0.165	–	–
<b>62-676M1</b>	MS	ZN	4.1	110 @ 6.0	170	–	–	146.1	114.3	19.2	0.310	–	–
	SS	■	5.1	110 @ 6.0	200	–	–	146.1	114.3	19.2	0.310	–	–
<b>62-674</b>	MS	ZN	4.1	–	100	–	–	122.3	108.0	17.0	0.177	04-674	–
	MS	BL	4.1	–	100	–	–	122.3	108.0	17.0	0.177		
<b>62-674/5MM</b>	SS	■	5.1	–	60	–	–	122.3	108.0	17.0	0.177	04-674/5MM	–
<b>62-1080</b>	MS	ZN	4.1	–	100	–	✓	122.3	108.0	17.0	0.179	04-674	–
	MS	BL	4.1	–	100	–	✓	122.3	108.0	17.0	0.179		
<b>62-1080/5MM</b>	SS	■	5.1	–	60	–	✓	122.3	108.0	17.0	0.179	04-674/5MM	–

## CATCHPLATES *please order separately where required*

Part Number	Material	Finish	Diameter of fixing holes (mm)	Ultimate Tensile Strength (kg)	Dimensions (mm) (approximate sizes)			Approx. weight Kg
					A	B	C	
<b>04-674</b>	SS	■	4.1	300	61.9	25.4	3.6	0.012
	SS	BL	4.1	300	61.9	25.4	3.6	0.012
<b>04-674/5MM</b>	SS	■	5.1	300	61.9	25.4	3.6	0.012

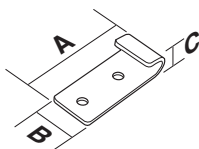
### Dimension Guide (approx. sizes mm)



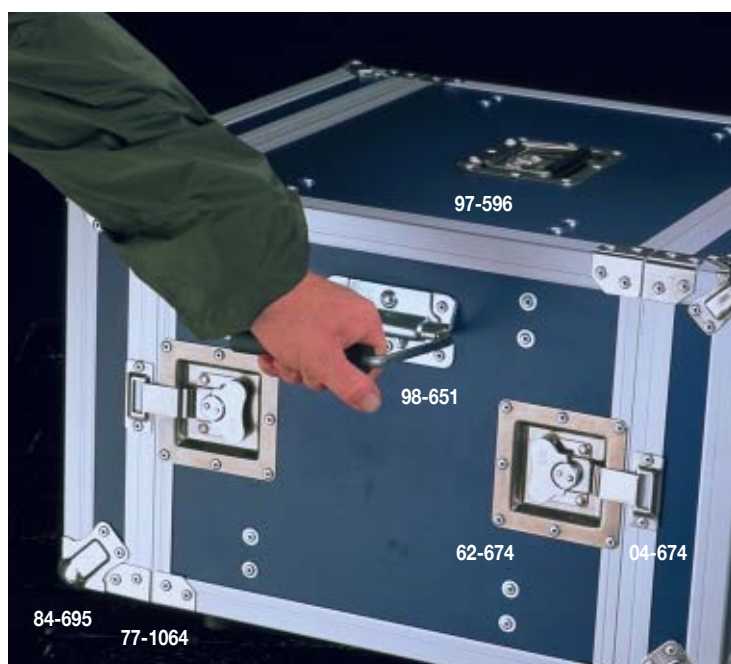
### Example of how to order:

LATCH  
Part No. + Material + Finish + Qty  
**62-674 MS ZN 25**  
**Please remember to order catchplates separately where required:**

CATCHPLATE  
Part No. + Material + Finish + Qty  
**04-674 SS - 25**



**04-674 & 04-674/5MM**



62-678M1



62-676M1



04-674



04-674



04-674SSBL



04-674SSBL



62-674

62-1080 

62-674MSBL

62-1080MSBL 

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