

Universal DRO Kits

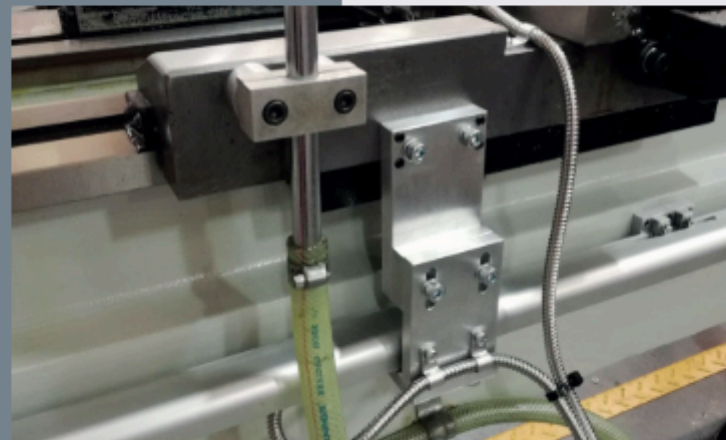
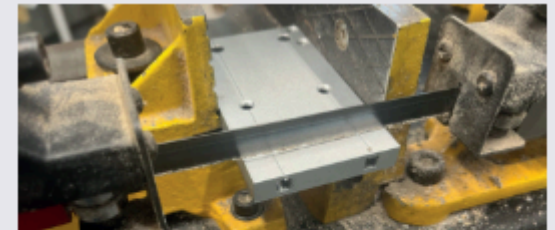
- Universal digital readout packages suitable for a wide range of milling machines or lathes when a dedicated kit is not available
- EH series magnetic encoders, compact and sealed to IP67
- Wide range of encoder travel lengths available up to 15 metres
- Cut-to-length encoders
- Universal aluminium bracket system which can easily be adapted

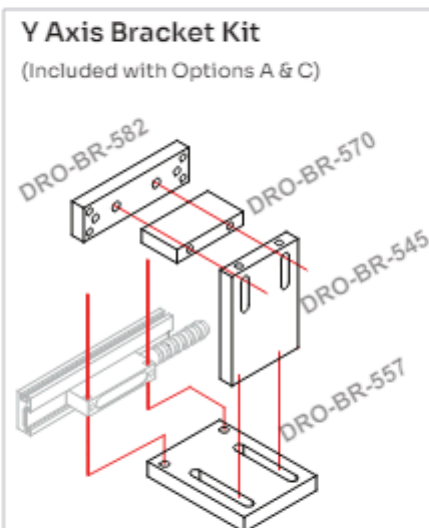
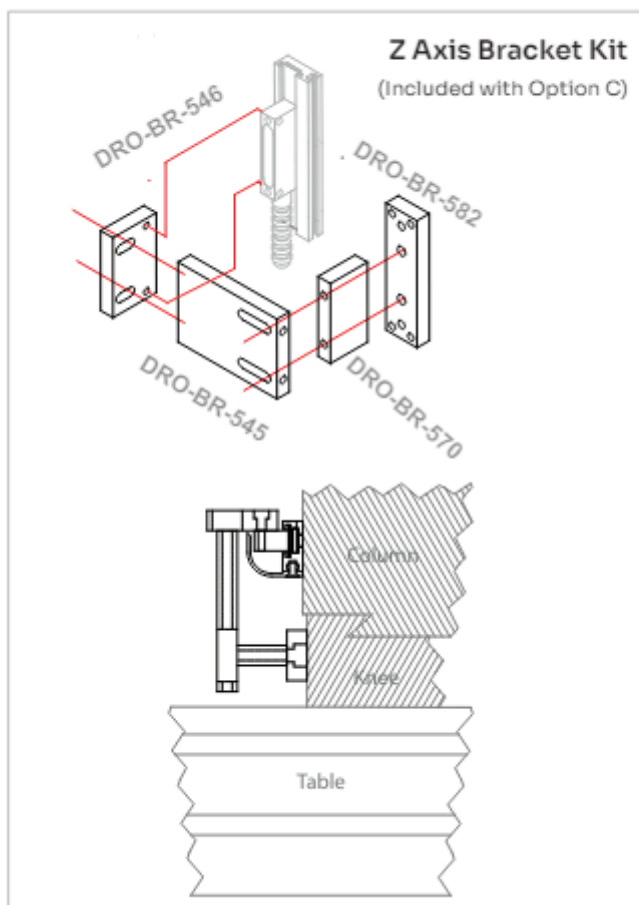
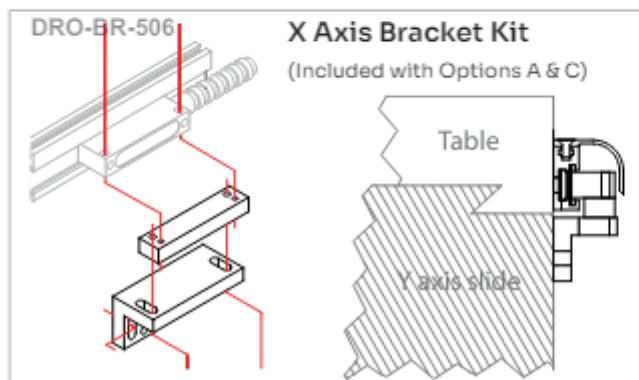
> Universal DRO Kits



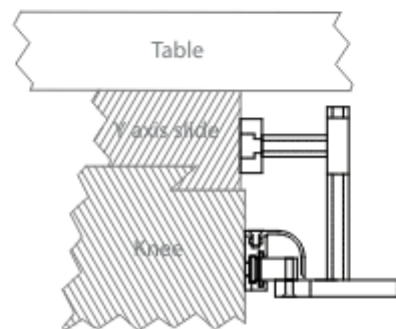
Universal Bracket System

The M-DRO universal bracket system uses a unique extrusion system that has two 5mm through holes. Simply cut the plate to length and tap the ends M6. This allows the plates to be customised to suit the install, offering numerous combinations of "L", "U" brackets or spacer pieces that bolt together rigidly.

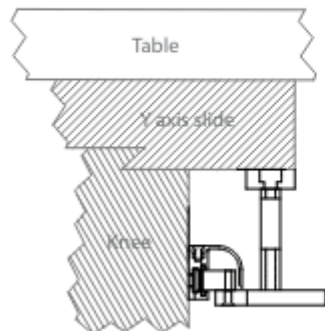




Mounting Option 1:



Mounting Option 2:



Kit Selection

1. Select your base mill package excluding magnetic rails
2. Choose your magnetic rails based on slideway travel. Select the nearest encoder travel (adding a minimum extra 10mm) from page 7.* X = 740mm, Y = 320 & Z = 420mm travels

* encoders can be cut to length if required

Example 1: 2 axis kit
including 2 x 5µm encoders

DRO-M22AA-MM

+

DRO-MG-KT-800

+

DRO-MG-KT-400

Example 2: 3 axis kit
including 3 x 5µm encoders

DRO-M23CA-MMM

+

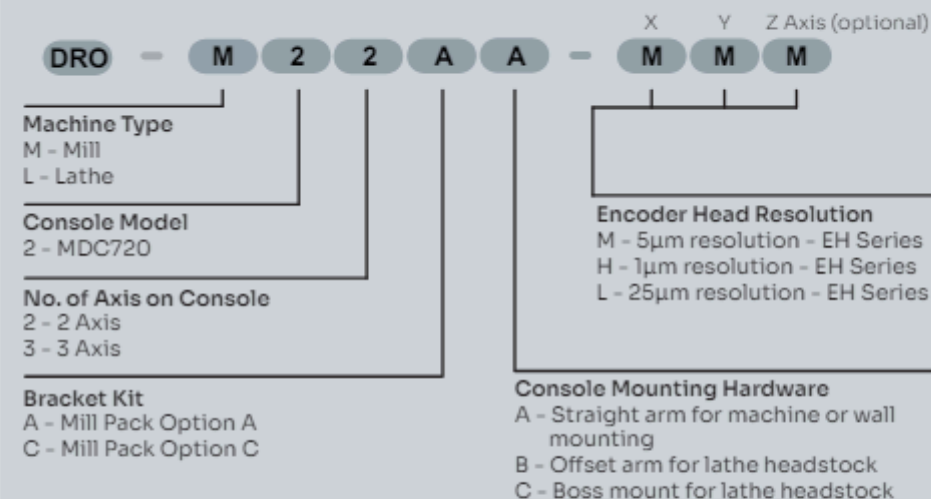
DRO-MG-KT-800

+

DRO-MG-KT-400

+

DRO-MG-KT-500

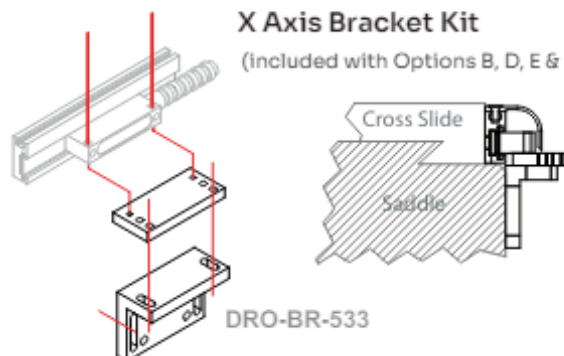


Universal Bracket Kit Options

Option A	Option C
DRO-BR-506	(Option A) &
DRO-BR-582	DRO-BR-582
DRO-BR-570	DRO-BR-570
DRO-BR-545	DRO-BR-545
DRO-BR-557	DRO-BR-546

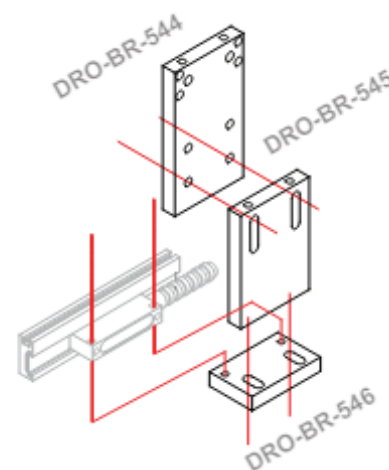
X Axis Bracket Kit

(Included with Options B, D, E & F)



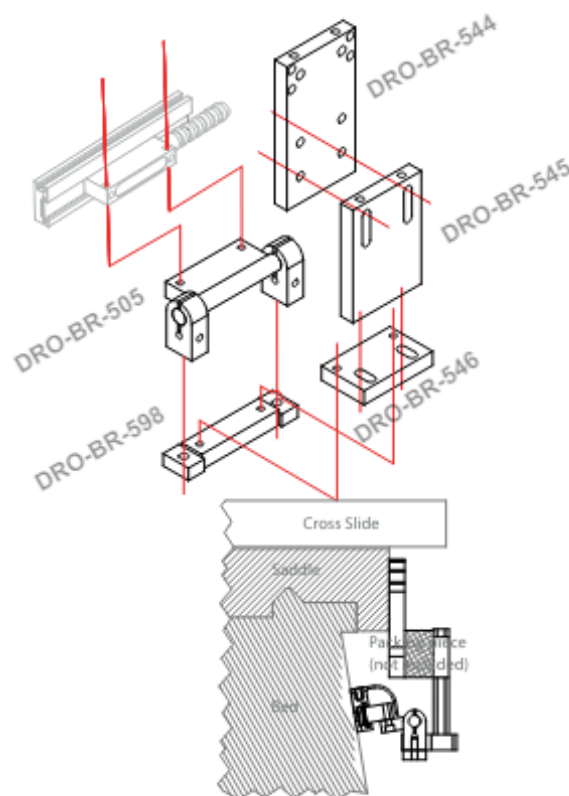
Z Axis Square Bed Bracket Kit

(Included with Options B & D)

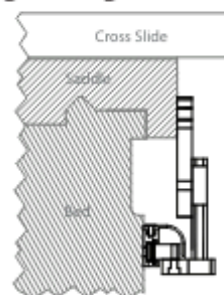


Z Axis Angled Bed Bracket Kit

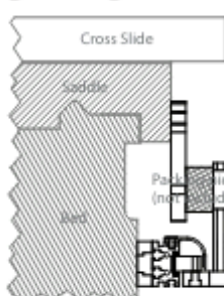
(Included with Options E & F)



Mounting Configuration 1:



Mounting Configuration 2:



Kit Selection

1. Select your base lathe package including 2 x 5µm encoders excluding magnetic rails
2. Choose your magnetic rails based on slideway travel. Select the nearest encoder travel (adding a minimum of 10mm extra) from page 7.* X = 240mm, Z = 860mm travels

Example 1: 2 axis kit including 2 x 5µm encoders

DRO-L22BB-MM

+

DRO-MG-KT-300

+

DRO-MG-KT-1000

Example 2: 2 axis kit cross slide upgrade to 1µm

DRO-L22BB-HM

+

DRO-MG-KT-300

+

DRO-MG-KT-1000

* encoders can be cut to length if required

DRO - L 2 2 B B - M M M									
Machine Type							Encoder Head Resolution		
M - Mill							M - 5µm resolution - EH Series		
L - Lathe							H - 1µm resolution - EH Series		
							L - 25µm resolution - EH Series		
Console Model							Console Mounting Hardware		
2 - MDC720							A - Straight arm for machine or wall mounting		
No. of Axis on Console							B - Offset arm for lathe headstock		
2 - 2 Axis							C - Boss mount for lathe headstock		
3 - 3 Axis									
Bracket Kit									
B - Lathe Pack Option B									
D - Lathe Pack Option D									
E - Lathe Pack Option E									
F - Lathe Pack Option F									

Universal Bracket Kit Options

Option B (2 axis)	Option D (3 axis)	Option E (2 axis)	Option F (3 axis)
DRO-BR-533	(Option B) &	DRO-BR-533	(Option E) &
DRO-BR-544	DRO-BR-506	DRO-BR-544	DRO-BR-506
DRO-BR-545		DRO-BR-545	
DRO-BR-546		DRO-BR-546	
		DRO-BR-505	
		DRO-BR-598	