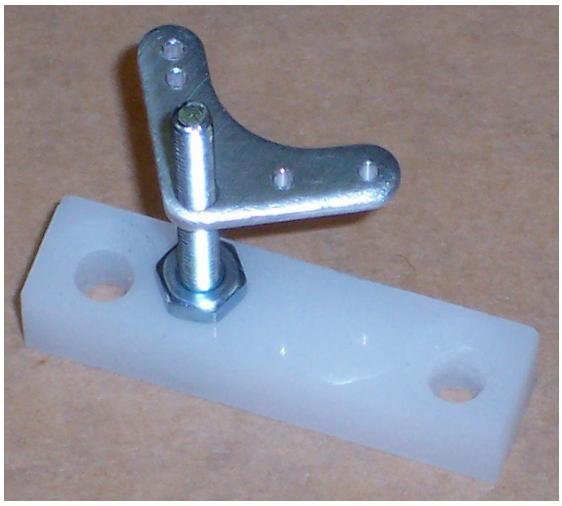
MODRATEC

From our WIT (Wire-in-tube) Products range:

WK - Crank-wit

(with/without mounting base)

Crank-wit is a seven-ratio crank which can be used to change the direction of operation of a Control Wire by 90-degrees. This is ideal for semaphore signal operation where motion transfers from horizontal to vertical.

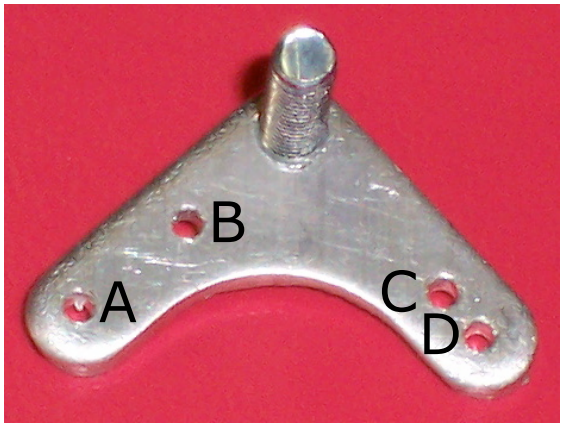


The mounting plate holds an M2.5 screw. The fulcrum of the crank is a hole threaded M2.5. The crank is screwed onto this screw to the required position. (Invert the crank on the screw depending on the ratio required.)

Multiple cranks can be mounted on a common mounting for operating multi-arm signals, or for changing the direction of a number of control wires.

NOTE 1: Two Crank-wits can be linked to form a compensator (changes push to pull and compensates for temperature change) if required.

NOTE 2: The hole diameter provided in the Crank-wit is 1.5mm. This can be carefully drilled out to accommodate slightly thicker control wires.



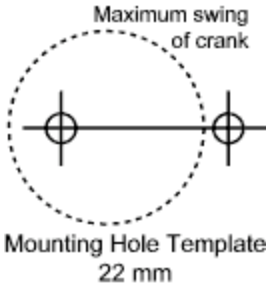
Refer to the letters shown on the above diagram to designate the various holes located on the Crank-wit.

For 90-degree transitions, seven ratios are possible:

Ratio	Holes
0.5	D - B
0.625	C - B
0.8	A - C
1.0	A - D or D - A
1.25	C - A
1.6	B - C
2.0	B - D

For straight transitions (using only one leg of the Crank-wit) four ratios are possible:

Ratio	Holes
0.5	A - B
0.8	D - C
1.25	C - D
2.0	B - A



Mounting Hole Template
22 mm

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