

**Exhaust valve lifter**

Conduit length: 25 ¼", (641 mm), Ø 5,35 mm. Top and bottom ferrules C.

Inner cable length overall: 31 3/8", (790 mm), Ø 1,9 mm. Top nipple 2b, bottom nipple 3

**Clutch**

Conduit length: 52", (1320 mm), Ø 5,35 mm. Top and bottom ferrules C.

Inner cable length overall: 59 3/8", (1510 mm), Ø 2,2 mm. Top nipple 1d (\*1), intermediate nipple 4 and bottom nipple 2c

**Throttle**

Conduit length: 37 ¼", (946 mm), Ø 4,7 mm. Top ferrule B, bottom ferrule A.

Inner cable length overall: 1015 mm Ø 1,7 mm. Top nipple 1a, bottom nipple 2a

**Air**

Conduit length: 33 ¼", (844 mm), Ø 4,7 mm. Top ferrule A, bottom ferrule A

Inner cable length: 978 mm Ø 1,7 mm. Top nipple 1b, bottom nipple 2a

**Magneto/Ignition**

Conduit length: 40", (1016 mm), Ø 4,7 mm. Top ferrule A, bottom ferrule B.

Inner cable length: 1085 mm Ø 1,7 mm. Top nipple 1b, bottom nipple 1a or 5.

**Front brake**

Outer cable: 33 ¼", (844 mm), Ø 5,35 mm. Top and bottom ferrules C.

Inner cable length: 1110 mm Ø 2,2 mm. Top nipple 1c (\*1), bottom nipple 3.



\*1 On later cables there was the addition of the Cable abutment cup pn 4210.

Inner cable end connections (drawings not to scale, dim. in mm)

Type	∅ A	B	Cable parts configurations
1a	4,8	7,0	
1b	6,2	3,9	
1c	9,3	12,7	
2a	3,2	4,5	
2b	5,0	5,0	
2c	6,0	6,0	
3	As drawn		
4	As drawn		
5	As drawn		
6	As drawn		

Inner wire hole diameter in parts above as required for application, ∅ 1,7 mm or ∅ 2,2 mm.

No 3 is "Nipple (M.P.P)" pn 3897

No 4 is "Clutch Worm Lever Cable Stop" pn 9426

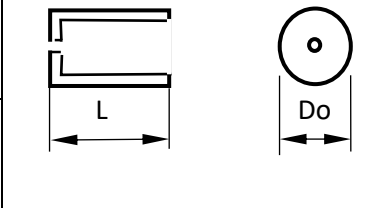
No 5 is later "Magneto Cable Nipple (Magdyno End)" (MT8/LU/455788), replaces the early 1 a.

No 6 is "Twist Grip Cable Stop" pn 3566 / "Cable Abutment Cup" pn 4210

Types no 1 through no 5 made of brass.

Type no 6 made of steel.

Conduit ferrules.

Code	Outer cable diameter mm	Ferrule outer diameter Do mm	Ferrule length L	
A	4,7	5,7	Approx. ½"	
B		6,3		
C	5,5	6,3		

Notes:

Inner cable lengths as given above are as defined on personal machine but should be working on all machines, front brake inner length also dependent on the wear of the front brake shoes.

Inner cable lengths as given in the spares lists are longer than actually required but cater for individual adjustment.

(Conduit and inner cable diameters may vary a bit.

Original conduit for Clutch, Front brake and Exhaust valve lifter was measured at approx. 5,35 mm. Inner cable diameters were found as 1,9 or 2,2 mm.)

Usable conduit and wire diameters from Flechtereier-Stratil (<https://www.flechtereier-stratil.de>)

part	Outer conduit diameter		Inner cable diameter	
	Original	Flechtereier-Stratil	Original	Flechtereier-Stratil
Air, Throttle, Ignition	4,8	4,9	1,7	1,5 (7 x 7)
Exhaust valve lifter	5,35	5,5	1,9	2,0 (1 x 19)
Clutch, Front brake	5,35	5,5	2,2	2,5 (1 x 19)

Parts list for one MC (based on Flechtereier Stratil)

**Minimum** required lengths.

Outer conduit:

Ø 4,9 mm length 3 m number of ferrules 6

Ø 5,5 mm length 3 m number of ferrules 6

Inner conduit:

Ø 1,5 mm length 3,1 m

Ø 2,0 mm length 0,8 m

Ø 2,5 mm length 2,7 m

Alternative 3,9 m of Ø 1,5 mm as the valve lifter cable does not need to be very strong.