



**105/4 & 131/3 Blue Ring: HSS PM Duo**  
**105/4 & 131/3 Red Ring: HSS PM Duo**

D	P	L	l	l1	d1	a	Blue	Blue	Red	Red
							105/4	131/3	105/4	131/3
							Price £	Price £	Price £	Price £
M3	0.5	56	11	7	3.5	2.7	26.95	28.95	28.20	30.85
M4	0.7	63	13	8	4.5	3.4	26.95	29.00	28.10	30.80
M5	0.8	70	16	9	6	4.9	30.95	33.30	31.60	34.60
M6	1	80	19	11	6	4.9	31.05	33.40	31.75	34.70
M8	1.25	90	22	13	8	6.2	35.20	37.60	36.85	38.85
M10	1.5	100	24	15	10	8	41.75	46.10	43.35	47.80
M12	1.75	110	29		9	7	52.10	58.90	54.00	62.00
M14	2	110	30		11	9	69.00	72.40	72.55	76.00
M16	2	110	32		12	9	82.80	83.75	86.70	87.70

DIN 371 up to M10

DIN 376 from M12

The new Duo Colour Ring Tap from Manigley is a high performance tool made of powder-metallurgy steel with a hard material coating and a recently developed cutting geometry for high tool life.

### 105/4 - 131/3 Duo Blue Ring

Cr-Ni stainless steels austenitic, Cr stainless steels ferritic and martensitic, nitriding steels, heat resisting steels, alloy of nickel, Cr stainless steels sulphured, structural steels, case hardening steels, heat treatable steels from 900 N/mm<sup>2</sup>

### 105/4 - 131/3 Duo Red Ring

Structural steels, case hardening steels, heat treatable steels, case steels from 900 N/mm<sup>2</sup>, carbon tool steels

Reamers

Centre Drills & Spotting Drills

Countersinks & Counterbores

Slot Drills & End Mills

Taps & Dies

TUSA  
Carbide Tooling