

Phantom 

PROMO

THERE'S NO END TO WHAT YOU CAN DO.



**PROMOTION UNI MACHINE TAPS
WITH TIN COATING**

UNTIL THE END OF DECEMBER 2022

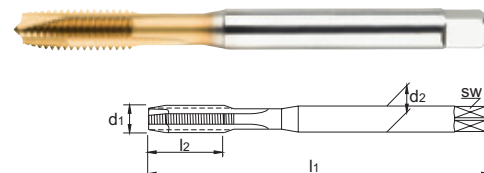
> 22.230 **Phantom**

UNI HSS-E Machine Tap Metric Coarse, TiN

HSS-E	M	60° 	TiN 	DIN 371	3xD 	 Form B	4-5 	ISO 2 6H	UNI		
P 11 ≤500 N/mm²	P 12 ≤850 N/mm²	P 13 ≤1000 N/mm²	M 21 INOX ≤850 N/mm²	M 22 INOX >850 N/mm²	K 31 GG	K 32 GGG GTS-GTW	N 41 Alu	N 42 Alu Si>10%	N 51 Cu	S 71 Ni/Co	S 72 Ti
15-20	10-20	6-10	7-10	4-8	10-15	10-15	25-35	10-20	15-35	2-8	2-8

Ref.	d1	P	l1	l2	d2	sw	€
22.230.0200	M2	0.4	45	8	2.8	2.1	€ 12,10
22.230.0250	M2,5	0.45	50	9	2.8	2.1	€ 11,72
22.230.0300	M3	0.5	56	11	3.5	2.7	€ 10,08
22.230.0400	M4	0.7	63	13	4.5	3.4	€ 10,47
22.230.0500	M5	0.8	70	16	6	4.9	€ 10,63

Ref.	d1	P	l1	l2	d2	sw	€
22.230.0600	M6	1	80	19	6	4.9	€ 10,90
22.230.0700	M7	1	80	19	7	5.5	€ 13,36
22.230.0800	M8	1.25	90	22	8	6.2	€ 12,53
22.230.0900	M9	1.25	90	22	9	7	€ 14,73
22.230.1000	M10	1.5	100	24	10	8	€ 14,73



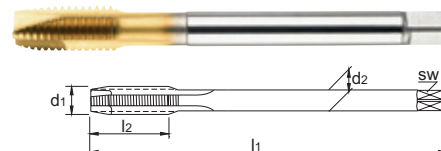
> 22.231 **Phantom**

UNI HSS-E Machine Tap Metric Coarse, TiN

HSS-E	M		TiN	DIN 376	3xD		Form B		ISO 2 6H	UNI	
P 11	P 12	P 13	M 21	M 22	K 31	K 32	N 41	N 42	N 51	S 71	S 72
≤500 N/mm²	≤850 N/mm²	≤1000 N/mm²	INOX ≤850N/mm²	INOX ≥850N/mm²	GG	GGG GTS-GTW	Alu	Alu Si>10%	Cu	Ni/Co	Ti
15-20	10-20	6-10	7-10	4-8	10-15	10-15	25-35	10-20	15-35	2-8	2-8

Ref.	d1	P	l1	l2	d2	sw	€
22.231.0300	M3	0.5	56	13	2.2		€ 11,45
22.231.0400	M4	0.7	63	13	2.8	2.1	€ 11,61
22.231.0500	M5	0.8	70	16	3.5	2.7	€ 11,72
22.231.0600	M6	1	80	19	4.5	3.4	€ 11,99
22.231.0700	M7	1	80	19	5.5	4.3	€ 12,81
22.231.0800	M8	1.25	90	22	6	4.9	€ 13,89
22.231.0900	M9	1.25	90	22	7	5.5	€ 20,45
22.231.1000	M10	1.5	100	24	7	5.5	€ 16,07
22.231.1200	M12	1.75	110	29	9	7	€ 19,61

Ref.	d1	P	l1	l2	d2	sw	€
22.231.1400	M14	2	110	30	11	9	€ 25,07
22.231.1600	M16	2	110	32	12	9	€ 27,80
22.231.1800	M18	2.5	125	34	14	11	€ 37,88
22.231.2000	M20	2.5	140	34	16	12	€ 42,50
22.231.2200	M22	2.5	140	34	18	14.5	€ 52,32
22.231.2400	M24	3	160	38	18	14.5	€ 56,68
22.231.2700	M27	3	160	38	20	16	€ 72,48
22.231.3000	M30	3.5	180	45	22	18	€ 90,62

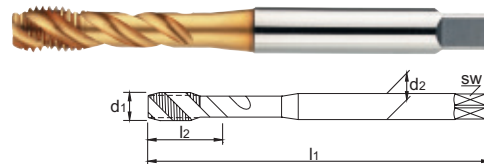


> 23.320 **Phantom**

UNI HSS-E Machine Tap Metric Coarse, TiN

HSS-E	M		TiN	DIN 371	2,5xD			Form C		ISO 2 6H	UNI
Ref.		d1	P	l1	l2	d2	sw	€	Ref.		
23.320.0200		M2	0.4	45	4	2.8	2.1	€ 12,13	23.320.0600		
23.320.0250		M2,5	0.45	50	4	2.8	2.1	€ 11,99	23.320.0700		
23.320.0300		M3	0.5	56	6	3.5	2.7	€ 10,63	23.320.0800		
23.320.0400		M4	0.7	63	7	4.5	3.4	€ 10,77	23.320.1000		
23.320.0500		M5	0.8	70	8	6	4.9	€ 11,31			

Ref.	d1	P	l1	l2	d2	sw	€
23.320.0600	M6	1	80	10	6	4.9	€ 11,55
23.320.0700	M7	1	80	10	7	5.5	€ 14,44
23.320.0800	M8	1.25	90	12.5	8	6.2	€ 13,89
23.320.1000	M10	1.5	100	15	10	8	€ 16,62

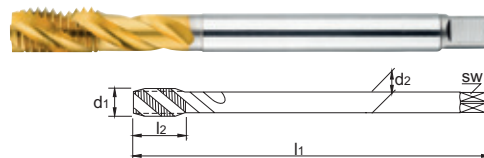


> 23.321 **Phantom**

UNI HSS-E Machine Tap Metric Coarse, TiN

HSS-E	M		TiN	DIN 376	2,5xD			Form C		ISO 2 6H	UNI																																																		
<table><tr><td>Ref.</td><td>d1</td><td>P</td><td>l1</td><td>l2</td><td>d2</td><td>sw</td><td>€</td></tr><tr><td>23.321.0600</td><td>M6</td><td>1</td><td>80</td><td>8</td><td>4,5</td><td>3,4</td><td>€ 12,34</td></tr><tr><td>23.321.0800</td><td>M8</td><td>1.25</td><td>90</td><td>10</td><td>6</td><td>4,9</td><td>€ 14,73</td></tr><tr><td>23.321.1000</td><td>M10</td><td>1.5</td><td>100</td><td>15</td><td>7</td><td>5,5</td><td>€ 17,98</td></tr><tr><td>23.321.1200</td><td>M12</td><td>1.75</td><td>110</td><td>17,5</td><td>9</td><td>7</td><td>€ 21,79</td></tr></table>										Ref.	d1	P	l1	l2	d2	sw	€	23.321.0600	M6	1	80	8	4,5	3,4	€ 12,34	23.321.0800	M8	1.25	90	10	6	4,9	€ 14,73	23.321.1000	M10	1.5	100	15	7	5,5	€ 17,98	23.321.1200	M12	1.75	110	17,5	9	7	€ 21,79	<table><tr><td>Ref.</td><td></td></tr><tr><td>23.321.1400</td><td></td></tr><tr><td>23.321.1600</td><td></td></tr><tr><td>23.321.2000</td><td></td></tr><tr><td>23.321.2400</td><td></td></tr></table>		Ref.		23.321.1400		23.321.1600		23.321.2000		23.321.2400	
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23.321.1600	M16	2	110	20	12	9	€ 31,35
23.321.2000	M20	2.5	140	25	16	12	€ 48,22
23.321.2400	M24	3	160	30	18	14.5	€ 61,59



ORDERS QUICKLY AND EASILY



Orders placed via Phantom.eu before 7 pm [local time] will be shipped the same day!

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