



Techtools
High Performance Power Tools



Maschi a macchina Z-103



Maschinen Gewindebohrer Z-103



Thread Taps Z-103

MF

DIN 13

>48Hrc

Acciai

Acciai

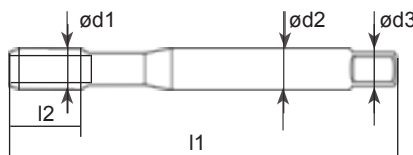
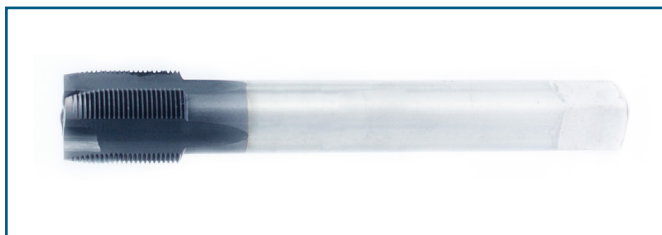
Acciai

Alu<9%

Inox < 900

Ghisa

SERIE Z-103



64 Hrc
Durezza

48 Hrc
Durezza

36 Hrc
Durezza

Maschiatura

DIN 371 6HX

d1	P	l1	l2	d2	a	N	Pre-foro	DIN	Tempi Consegna	Code Z-103
mm	mm	mm	mm	mm	h12 mm		mm			
MF3	0,35	56	5	3,5	2,7	3	2,65	371	●	P -MF3
MF3,5	0,35	56	5	4,0	3,0	3	3,15	371	●	P -MF3,5
MF4	0,5	63	7	4,5	3,4	3	3,5	371	●	P -MF4
MF5	0,5	70	8	6,0	4,9	3	4,5	371	●	P -MF5
MF6	0,5	80	10	6,0	4,9	3	5,5	371	●	P -MF6
MF8	0,75	80	10	6,0	6,2	3	7,2	371	●	P -MF8X0,75
MF8	1	90	10	6,0	4,9	3	7,00	371	●	P -MF8X1
MF10	1	100	10	7,0	5,5	3	9,00	371	●	P -MF10X1
MF10	1,25	100	10	7,0	5,5	3	8,80	371	●	P-MF10X1,25

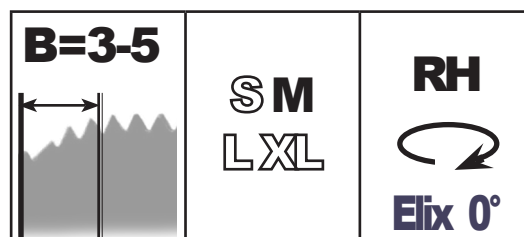
DIN 376 6HX

d1	P	l1	l2	d2	a	N	Pre-foro	DIN	Tempi Consegna	Code Z-103
mm	mm	mm	mm	mm	h12 mm		mm			
MF12	1	100	10	9,0	7,0	3	11,00	376	●	P-MF12X1
MF12	1,25	100	15	9,0	7,0	3	10,80	376	●	P-MF12X1,25
MF12	1,5	100	15	9,0	7,0	3	10,50	376	●	P-MF12X1,5
MF14	1,50	100	15	11,0	9,0	3	12,50	376	●	P-MF14
MF16	1,50	100	15	12,0	9,0	3	14,50	376	●	P-MF16
MF18	1,50	110	17	14,0	11,0	3	16,50	376	●	P-MF18
MF20	1,50	125	17	16,0	12,0	4	18,50	376	●	P-MF20
MF22	1,50	125	17	18,0	14,5	4	20,50	376	●	P-MF22
MF24	1,50	140	20	18,0	14,5	4	22,50	376	●	P-MF24

HSSE

Z-103

Economy Line



Campo di applicazione	Acciaio/N/mm ²						GG	GGG	Cu	Alu	Alu	Titanio	Acciaio temperato	Uni
	<700	<1000	<1300	<900	>900	>400	>750		corto	lunga	>850	<52HRC	<60HRC	
ISO-Codice:	P	P	P	M	M	K	K	N	N	N	S	H	H	
Z-103	VC=	18-45	18-45	5-25	5-25	5-25	10-40	10-40	10-40	10-40	10-40	5-15	5-15	10-40

MF

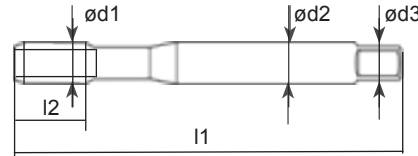
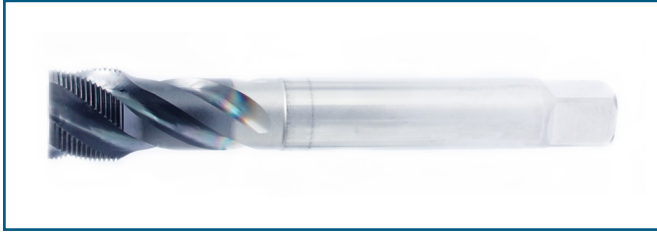
DIN 13

**Maschi a macchina Z-102**

Maschinen Gewindebohrer Z-102



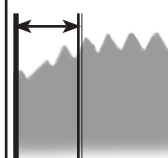
Thread Taps Z-102

**Techtools****High Performance Power Tools****Z-102****Ghisa****Inox < 900****Alu < 9%****Acciai****Acciai****Acciai****>48Hrc****64 Hrc
Durezza****48 Hrc
Durezza****36 Hrc
Durezza****Maschiatura****DIN 371 6HX**

d1	P	l1	l2	d2	a	N	Pre-foro	DIN	Tempi Consegna	Code Z-102
mm	mm	mm	mm	mm	h12 mm		mm			
MF3	0,35	56	5	3,5	2,7	3	2,65	371	●	P -MF3
MF3,5	0,35	56	5	4,0	3,0	3	3,15	371	●	P -MF3,5
MF4	0,5	63	7	4,5	3,4	3	3,5	371	●	P -MF4
MF5	0,5	70	8	6,0	4,9	3	4,5	371	●	P -MF5
MF6	0,5	80	10	6,0	4,9	3	5,5	371	●	P -MF6
MF8	0,75	80	10	6,0	6,2	3	7,2	371	●	P -MF8X0,75
MF8	1	90	10	6,0	4,9	3	7,00	371	●	P -MF8X1
MF10	1	100	10	7,0	5,5	3	9,00	371	●	P -MF10X1
MF10	1,25	100	10	7,0	5,5	3	8,80	371	●	P -MF10X1,25

DIN 376 6HX

d1	P	l1	l2	d2	a	N	Pre-foro	DIN	Tempi Consegna	Code Z-102
mm	mm	mm	mm	mm	h12 mm		mm			
MF12	1	100	10	9,0	7,0	3	11,00	376	●	P-MF12X1
MF12	1,25	100	15	9,0	7,0	3	10,80	376	●	P-MF12X1,25
MF12	1,5	100	15	9,0	7,0	3	10,50	376	●	P-MF12X1,5
MF14	1,50	100	15	11,0	9,0	3	12,50	376	●	P-MF14
MF16	1,50	100	15	12,0	9,0	3	14,50	376	●	P-MF16
MF18	1,50	110	17	14,0	11,0	3	16,50	376	●	P-MF18
MF20	1,50	125	17	16,0	12,0	4	18,50	376	●	P-MF20
MF22	1,50	125	17	18,0	14,5	4	20,50	376	●	P-MF22
MF24	1,50	140	20	18,0	14,5	4	22,50	376	●	P-MF24

HSSE**Z-102****Economy Line****C=2-3****SM
LXL****RH****Elix 45°**

Campo di applicazione	Acciaio/N/mm ²						VA Acciaio	GG	GGG	Cu	Alu	Alu	Titanio	Acciaio temperato	Uni
	<700	<1000	<1300	<900	>900	>400	>750				corto	lunga	>850	<52HRC	<60HRC
ISO-Codice:	P	P	P	M	M	K	K		N	N	N	S	H	H	
Z-102	VC=	18-45	18-45	5-25	5-25	5-25	10-40	10-40	10-40	10-40	10-40	5-15	5-15		10-40