


Left Hand Short Hand Taps

For general hand tapping.


Tarauts Courts à Main Pas à Gauche

Pour le taraudage à main général.


Kurze Handgewindebohrer, linksgängig

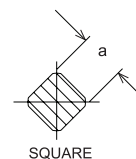
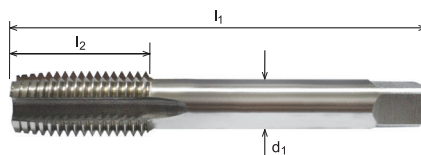
Für allgemeines Handgewindebohren.


Machos de roscar a mano cortos a izquierda

Para roscado manual general.


Короткие машинно-ручные левые метчики

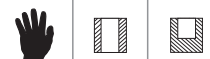
Ручные метчики общего назначения.



Code

519

Properties

M ISO 529 **HSS**
ISO 2 6H STRAIGHT FLUTE


P								M				K				Ti			Ni			Cu				N				Syn		
1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.1	4.2	4.3	5.1	5.2	5.3	6.1	6.2	6.3	6.4	7.1	7.2	7.3	7.4	8.1	8.2	8.3
○	○	○	○	○								○	○	○								○	○	○		○	○	○				

Size	Pitch	l ₁	l ₂	d ₁	a	No. of Flutes	Code			
							Tap Set	Taper	Second	Bottom
M3	0.5	48	11	3.15	2.5	3	5190300	5190301	5190302	5190303
M4	0.7	53	13	4	3.15	3	5190400	5190401	5190402	5190403
M5	0.8	58	16	5	4	3	5190500	5190501	5190502	5190503
M6	1	66	19	6.3	5	3	5190600	5190601	5190602	5190603
M8	1.25	72	22	8	6.3	4	5190800	5190801	5190802	5190803
M10	1.5	80	24	10	8	4	5191000	5191001	5191002	5191003
M12	1.75	89	29	9	7.1	4	5191200	5191201	5191202	5191203
M14	2	95	30	11.2	9	4	5191400	5191401	5191402	5191403
M16	2	102	32	12.5	10	4	5191600	5191601	5191602	5191603
M18	2.5	112	37	14	11.2	4	5191800	5191801	5191802	5191803
M20	2.5	112	37	14	11.2	4	5192000	5192001	5192002	5192003
M22	2.5	118	38	16	12.5	4	5192200	5192201	5192202	5192203
M24	3	130	45	18	14	4	5192400	5192401	5192402	5192403
M27	3	135	45	20	16	4	-	-	5192702	-
M30	3.5	138	48	20	16	4	-	-	5193002	-
M33	3.5	151	51	22.4	18	4	-	-	5193302	-
M36	4	162	57	25	20	4	-	-	5193602	-


Serial Hand Taps

For tapping in tougher materials.


Tarauts Courts à Main

Taraudage à main général dans des matériaux plus durs.


Satzgewindebohrer

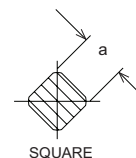
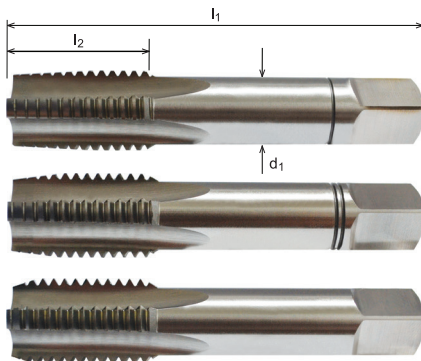
Für das Gewindebohren in zäheren Werkstoffen.


Machos de roscar a mano de serie

Para roscado manual en los materiales más duros.


Серийные ручные метчики

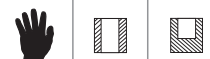
Комплектные ручные метчики для обработки труднообрабатываемых материалов.



Code

518

Properties

M DIN 352 **HSSE V3**
ISO 2 6H STRAIGHT FLUTE


P								M				K				Ti			Ni			Cu				N				Syn		
1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.1	4.2	4.3	5.1	5.2	5.3	6.1	6.2	6.3	6.4	7.1	7.2	7.3	7.4	8.1	8.2	8.3
○	○	○	○	○								○	○	○	○							○	○	○		○	○	○				

Size	Pitch	l ₁	l ₂	d ₁	a	No. of Flutes	Code			
							Tap Set	Rougher	Intermediate	Finisher
M3	0.5	40	11	3.5	2.7	3	5180300	5180301	5180302	5180303
M3.5	0.6	45	13	4	3	3	5180350	5180351	5180352	5180353
M4	0.7	45	13	4.5	3.4	3	5180400	5180401	5180402	5180403
M4.5	0.75	50	16	6	4.9	3	5180450	5180451	5180452	5180453
M5	0.8	50	16	6	4.9	3	5180500	5180501	5180502	5180503
M6	1	50	19	6	4.9	3	5180600	5180601	5180602	5180603
M7	1	50	19	6	4.9	4	5180700	5180701	5180702	5180703
M8	1.25	56	22	6	4.9	4	5180800	5180801	5180802	5180803
M9	1.25	63	22	7	5.5	4	5180900	5180901	5180902	5180903
M10	1.5	70	24	7	5.5	4	5181000	5181001	5181002	5181003
M12	1.75	75	29	9	7	4	5181200	5181201	5181202	5181203
M14	2	80	30	11	9	4	5181400	5181401	5181402	5181403
M16	2	80	32	12	9	4	5181600	5181601	5181602	5181603
M18	2.5	95	40	14	11	4	5181800	5181801	5181802	5181803
M20	2.5	95	40	16	12	4	5182000	5182001	5182002	5182003
M22	2.5	100	40	18	14.5	4	5182200	5182201	5182202	5182203
M24	3	110	50	18	14.5	4	5182400	5182401	5182402	5182403

