



Nuova C.U.M.E.T.

Threading power program

Precision in *movement!*

Prodotti Standard Fornibili a Richiesta

Standard Products Available on Request

Maschi a Macchina-Machine Taps

DIN 371-L DIN 357 DIN 13 Hex ISO 529

M-MF

DIN 371 DIN 376

UNC-UNF-UN-UNS-UNEF-BSW-BSF

DIN 5156 DIN 374

G-RC-NPT-NPTF-NPS-NPSF

DIN 40433 DIN 371 DIN 374

TR-BA-VG



Maschi a Mano-Hand Taps

DIN 352 / 2181

M-MF-BSW-BSF-G-UNC-UNF-UN-RC-UNEF-BA-NPT-NPTF-NPS-NPSF

DIN 5157

G-RC

DIN 40432

PG



Filiere-Dies

DIN EN22568 DIN EN24231

M-MF-BSW-BSF-G-UNC-UNF-UNEF-UN-PG-BA-NPT-NPTF-NPS-NPSF



Calibri-Gauges

ISO 1502 ISO 228-2

CTP-CTPNP-CAP-CANP-M-MF-G










Accessori-Accessories



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
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La nostra Micro Finitura Our Micro Finishing

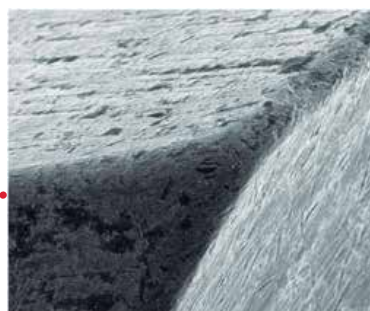
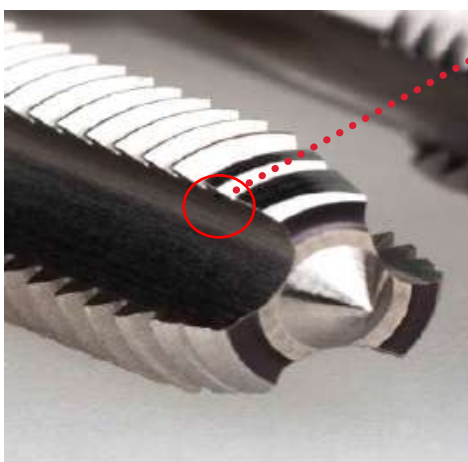
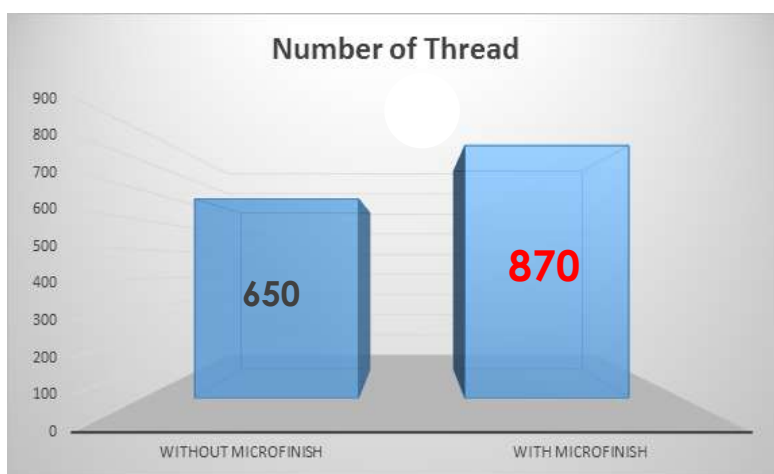
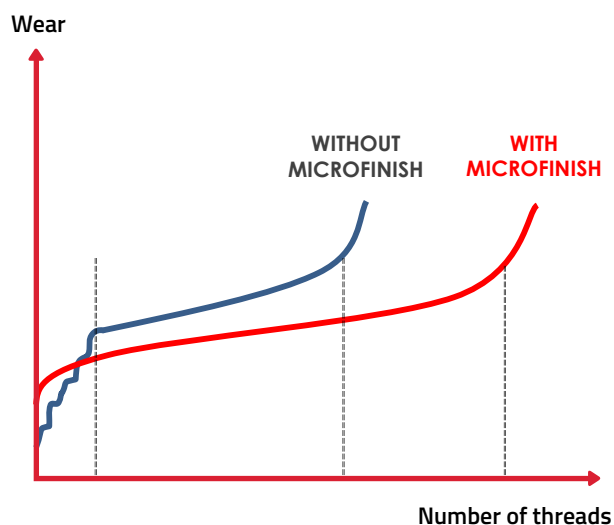
- Taglienti arrotondati e puliti da sbavature
Rounded cutting edges and cleaned flutes from burrs
- Maggiore controllo e stabilità dell'usura utensile
Greater control and stability of the tool wear
- Notevole aumento delle prestazioni
Significant increase in performance
- Migliore finitura del filetto
Improves the thread finishes

Thread: M6 6H

Material: F114 (C45)

Depth: 12 mm

Speed: 10 m/min



OUR FINISH



STANDARD

SERIES	APPLICATION
008 GENERAL	Soft magnetic steels, construction and cementation steels, and non-alloy and alloy carbon steels up to a resistance of 800 N/mm ²
011 HARD	Alloy and treated steels up to a resistance of 1,100 N/mm ² (38 HRC)
014 HARD PLUS	Alloy and treated steels up to a resistance of 1,400 N/mm ² (44 HRC)
015 INOX	Sulphur treated stainless, austenitic, ferrous and martensitic steel.
016 ALU	Aluminium and aluminium alloys with Si<10%. Magnesium alloys
017 CAST IRON	Grey cast-iron, spheroidal graphite iron castings
021 COPPER	Copper, brass and bronze
018 HYPER	Steels up to 1,100 N/mm ² , Stainless steels up to 1,100 N/mm ² , cast iron, Titanium alloys up to 1,100 N/mm ² , nonferrous materials.
019 POWER CNC MACHINING	Steels up to 1,100 N/mm ² , Stainless steels up to 1,100 N/mm ² , cast iron, Titanium alloys up to 1,100 N/mm ² , nonferrous materials. CNC machines
020 ROLLS	Lamination threading on materials with an elongation higher than 12% (A>12%)

TREATMENTS AND COATINGS	
VAP	Vaporization treatment
NIT	Nitride Hardening treatment
TIN	Titanium nitride coating
TICN	Titanium carbonitride coating
CrN	Aluminium carbonitride coating
HL	Hard Lube (WC+TiAlN)

MANUFACTURING MATERIALS								
Name	Description	C	Cr	Mo	W	Co	V	Nb
HSSE	Cobalt high speed steel	0,93	4,2	5	6,4	4,8	1,8	-
HSSE-PM	Powder/ metallurgy steel	1,69	4	4,6	6,3	9	3,2	2,1

	Material	(N/mm ²)	Kp/mm ²	HB	HRC	
1.STEELS	008	1.1 Soft magnetic	<400	<40	<120	
		1.2 Construction and cement	<700	<70	<200	
		1.3 Non-alloy carbon	<750	<75	<225	
		1.4 Alloys	<1000	<100	<300	<31
	011	1.5 Treated alloys (38 HRC)	<1.200	<120	<350	<36
	014	1.6 High resistant alloys (44 HRC)	<1.400	<140	<410	<44
	55HRC	1.7 High resistant alloys (55 HRC)				<55
	65HRC	1.8 High resistant alloys (65 HRC)				<65
2.STAINLESS STEEL	INOX	2.1 Sulphureous	<850	<85	<250	<23
		2.2 Austenitic	<850	<85	<250	<23
		2.3 Ferritic and martensitic	<850	<85	<250	<23
		2.4 Ferritic and martensitic	<1.200	<120	<350	<36
3.CAST IRON	C	3.1 Grey	<500	<50	<150	
		3.2 Grey	<1.000	<100	<300	
		3.3 Grey with spheroidal graphite	<700	<70	<200	
		3.4 Grey with spheroidal graphite	<1.000	<100	<300	
4.TITANIUM	TI	4.1 Pure	<700	<70	<200	
		4.2 Titanium alloys	<850	<85	<250	<23
		4.3 Titanium alloys	<1.250	<125	<350	<39
5.NICKEL	NI	5.1 Pure	<500	<50	<150	
		5.2 Nickel alloys	<850	<85	<270	<23
		5.3 Nickel alloys	<1.200	<120	<350	<36
6.COPPER	CU	6.1 Pure	<350	<35	<100	
		6.2 Short chipping brass	<700	<70	<200	
		6.3 Long chipping brass	<700	<70	<200	
		6.4 Short chipping bronze	<400	<40	<120	
		6.5 Long chipping bronze	<700	<70	<200	
7.ALUMINIUM	AL	7.1 Non-alloys	<400	<40	<120	
		7.2 Alloys Si<10%	<600	<60	<180	
		7.3 Alloys Si>10%	<600	<60	<180	
		7.4 Magnesium alloys	<400	<40	<120	
8.PLASTICS	PL	8.1 Thermoplastic	<50			
		8.2 Duroplastics	<80			

008

GENERAL

011

HARD



Application	008	008	008	008	008	008	008	008	011	011	011	011
Material	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM
Coating	VAP	VAP	VAP	VAP	TIN	TIN	TIN	TIN	TICN	TICN	TICN	TICN
Entry	B(3,5-5)	B(3,5-5)	C(2-3)	C(2-3)	B(3,5-5)	B(3,5-5)	C(2-3)	C(2-3)	B(3,5-5)	B(3,5-5)	C(2-3)	C(2-3)
Geometry	GUN	GUN	R35°	R35°	GUN	GUN	R35°	R35°	GUN	GUN	R35°	R35°
Tolerance	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)
Depth	3xd	3xd	3xd	3xd	3xd	3xd	3xd	3xd	3xd	3xd	3xd	3xd
Reference	250	251	252	253	116	115	118	117	126	125	124	123
Page	10	10	11	11	12	12	13	13	14	14	15	15
Advance	Vc(m/min)											
1.1	15-25	15-25	15-25	15-25	20-30	20-30	20-30	20-30				
1.2	10-20	10-20	10-20	10-20	15-25	15-25	15-25	15-25				
1.3	12-18	12-18	12-18	12-18	15-25	15-25	15-25	15-25				
1.4	10-15	10-15	10-15	10-15	12-18	12-18	12-18	12-18	10-15	10-15	10-15	10-15
1.5									6-10	6-10	6-10	6-10
1.6									4-6	4-6	4-6	4-6
1.7												
1.8												
2.1	7-10	7-10	7-10	7-10	9-12	9-12	9-12	9-12				
2.2	5-8	5-8	5-8	5-8	6-10	6-10	6-10	6-10				
2.3												
2.4									6-12	6-12	6-12	6-12
3.1												
3.2												
3.3	10-15	10-15	10-15	10-15	15-20	15-20	15-20	15-20				
3.4									10-20	10-20	10-20	10-20
4.1												
4.2									6-8	6-8	6-8	6-8
4.3									4-6	4-6	4-6	4-6
5.1												
5.2												
5.3												
6.1												
6.2												
6.3	15-20	15-20	15-20	15-20	20-25	20-25	20-25	20-25				
6.4												
6.5	10-15	10-15	10-15	10-15	15-20	15-20	15-20	15-20				
7.1												
7.2	10-15	10-15	10-15	10-15	12-18	12-18	12-18	12-18				
7.3												
7.4												
8.1	10-15	10-15	10-15	10-15	12-18	12-18	12-18	12-18				
8.2									10-15	10-15	10-15	10-15

BEST CHOICE

Alternative

014

HARD PLUS

015

INOX



Application	014	014	014	014	015	015	015	015				
Material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM	HSSE	HSSE	HSSE	HSSE				
Coating	TICN	TICN	TICN	TICN	VAP	VAP	VAP	VAP				
Entry	B(3,5-5)	B(3,5-5)	C(2-3)	C(2-3)	B(3,5-5)	B(3,5-5)	C(2-3)	C(2-3)				
Geometry	GUN	GUN	R15°	R15°	GUN	GUN	R35°	R35°				
Tolerance	ISO2(6HX)	ISO2(6HX)	ISO2(6HX)	ISO2(6HX)	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)				
Depth	3xd	3xd	3xd	3xd	3xd	3xd	3xd	3xd				
Reference	176	175	178	177	122	121	120	119				
Page	16	16	17	17	18	18	19	19				
Advance	Vc(m/min)											
1.1					15-25	15-25	15-25	15-25				
1.2					10-20	10-20	10-20	10-20				
1.3					12-18	12-18	12-18	12-18				
1.4												
1.5	6-10	6-10	6-10	6-10								
1.6	4-6	4-6	4-6	4-6								
1.7												
1.8												
2.1					7-10	7-10	7-10	7-10				
2.2					5-8	5-8	5-8	5-8				
2.3					5-8	5-8	5-8	5-8				
2.4												
3.1												
3.2												
3.3												
3.4	10-20	10-20	10-20	10-20								
4.1					10-15	10-15	10-15	10-15				
4.2	6-8	6-8	6-8	6-8								
4.3	4-6	4-6	4-6	4-6								
5.1												
5.2	2-6	2-6	2-6	2-6								
5.3	1-5	1-5	1-5	1-5								
6.1					6-8	6-8	6-8	6-8				
6.2												
6.3												
6.4												
6.5												
7.1												
7.2												
7.3												
7.4												
8.1												
8.2	10-15	10-15	10-15	10-15								

BEST CHOICE

Alternative

016 ALU

021 CU

017 CAST IRON



Application	016	016	016	016	016	016	016	016	021	021	017	017	017	017
Material	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE	HSSE
Coating					CrN	CrN	CrN	CrN			NIT	NIT	TICN	TICN
Entry	B(3,5-5)-AZ	B(3,5-5)-AZ	C(2-3)	C(2-3)	B(3,5-5)-AZ	B(3,5-5)-AZ	C(2-3)	C(2-3)	E(1,2-2)	E(1,2-2)	C(2-3)	C(2-3)	C(2-3)	C(2-3)
Geometry	GUN	GUN	R45°	R45°	GUN	GUN	R45°	R45°						
Tolerance	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6HX)	ISO2(6HX)	ISO2(6HX)	ISO2(6HX)
Depth	3xd	3xd	3xd	3xd	3xd	3xd	3xd	3xd	1,5xd	1,5xd	1,5xd	1,5xd	1,5xd	1,5xd
Reference	133	132	182	181	184	183	186	185	190	191	129	128	180	179
Page	20	20	21	21	22	22	23	23	34	34	24	24	25	25
Advance	Vc(m/min)													
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											10-15	10-15	15-30	15-30
3.2											6-12	6-12	10-20	10-20
3.3														
3.4														
4.1														
4.2														
4.3														
5.1														
5.2														
5.3														
6.1	6-8	6-8	6-8	6-8	8-12	8-12	8-12	8-12						
6.2									25-35	25-35	25-35	25-35	35-50	35-50
6.3														
6.4									25-35	25-35	25-35	25-35	35-50	35-50
6.5														
7.1	10-20	10-20	10-20	10-20	12-18	12-18	12-18	12-18						
7.2	10-15	10-15	10-15	10-15	12-18	12-18	12-18	12-18						
7.3														
7.4	10-20	10-20	10-20	10-20	12-18	12-18	12-18	12-18						
8.1	10-15	10-15	10-15	10-15	12-18	12-18	12-18	12-18						
8.2														

BEST CHOICE

Alternative

018 HYPER

019 POWER CNC MACHINING

020 ROLLS



Application	018	018	018	018	019	019	019	019	020	020	020	020	020	020	020	020
Material	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM	HSSE-PM
Coating	HL	HL	HL	HL	HL	HL	HL	HL	TIN	TIN	TIN	TIN	TIN	TIN	TIN	TIN
Entry	B(3,5-5)	B(3,5-5)	C(2-3)	C(2-3)	B(3,5-5)	B(3,5-5)	C(2-3)	C(2-3)	C(2-3)	C(2-3)	C(2-3)	C(2-3)	C(2-3)	C(2-3)	C(2-3)	C(2-3)
Geometry	GUN	GUN	R45°	R45°	GUN	GUN	R45°	R45°				SR	SR			SR
Tolerance	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)	ISO2(6H)	6HX	6HX	6HX	6HX	6GX	6GX	6GX	6GX
Depth	3xd	3xd	3xd	3xd	3xd	3xd	3xd	3xd	1,5xd	1,5xd	3Xd	3Xd	1,5xd	1,5xd	3Xd	3Xd
Reference	254	255	256	257	258	259	260	261	188	187	214	213	216	215	218	217
Page	26	26	27	27	28	28	29	29	30	30	31	31	32	32	33	33
Advance	Vc(m/min)															
1.1	20-40	20-40	20-40	20-40	20-50	20-50	20-50	20-50	25-45	25-45	25-45	25-45	25-45	25-45	25-45	25-45
1.2	20-40	20-40	20-40	20-40	20-50	20-50	20-50	20-50	20-40	20-40	20-40	20-40	20-40	20-40	20-40	20-40
1.3	15-40	15-40	15-40	15-40	15-40	15-40	15-40	15-40	15-35	15-35	15-35	15-35	15-35	15-35	15-35	15-35
1.4	15-30	15-30	15-30	15-30	15-30	15-30	15-30	15-30	15-25	15-25	15-25	15-25	15-25	15-25	15-25	15-25
1.5	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20								
1.6	5-10	5-10	5-10	5-10												
1.7																
1.8																
2.1	5-15	5-15	5-15	5-15	5-15	5-15	5-15	5-15	15-25	15-25	15-25	15-25	15-25	15-25	15-25	15-25
2.2	5-15	5-15	5-15	5-15	5-15	5-15	5-15	5-15	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
2.3	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
2.4	5-10	5-10	5-10	5-10												
3.1	15-25	15-25	15-25	15-25												
3.2	10-20	10-20	10-20	10-20												
3.3	15-25	15-25	15-25	15-25	15-25	15-25	15-25	15-25								
3.4	10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20								
4.1	5-15	5-15	5-15	5-15					10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
4.2	5-15	5-15	5-15	5-15												
4.3	4-6	4-6														
5.1	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8								
5.2	2-6	2-6			2-6	2-6										
5.3	1-5	1-5			1-5	1-5										
6.1	10-30	10-30	10-30	10-30	20-30	20-30	20-30	20-30	15-30	15-30	15-30	15-30	15-30	15-30	15-30	15-30
6.2	10-30	10-30	10-30	10-30												
6.3	10-30	10-30	10-30	10-30	20-30	20-30	20-30	20-30	20-30	20-30	20-30	20-30	20-30	20-30	20-30	20-30
6.4	10-30	10-30	10-30	10-30												
6.5	10-30	10-30	10-30	10-30	20-30	20-30	20-30	20-30	15-25	15-25	15-25	15-25	15-25	15-25	15-25	15-25
7.1	10-30	10-30	10-30	10-30					20-40	20-40	20-40	20-40	20-40	20-40	20-40	20-40
7.2	10-30	10-30	10-30	10-30	20-30	20-30	20-30	20-30	15-30	15-30	15-30	15-30	15-30	15-30	15-30	15-30
7.3	10-30	10-30	10-30	10-30					10-20	10-20	10-20	10-20	10-20	10-20	10-20	10-20
7.4	10-30	10-30	10-30	10-30					20-40	20-40	20-40	20-40	20-40	20-40	20-40	20-40
8.1																
8.2																

BEST CHOICE

Alternative

008

GENERAL

SOFT
STEEL

CONSTRUCTION
STEEL

CEMENTED
STEEL

NON
ALLOY
STEEL

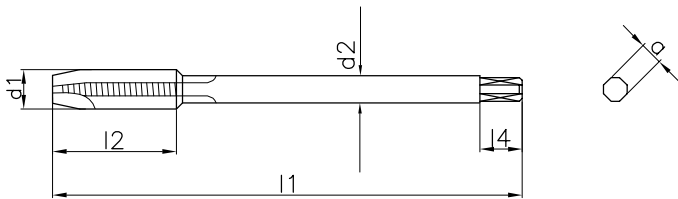
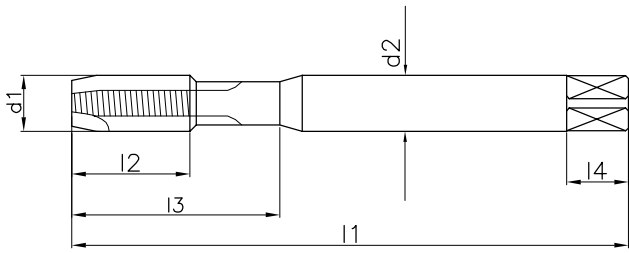
CARBON
STEEL

STEEL
<800N/mm

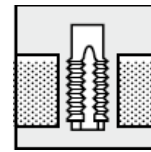
DIN
371

DIN
376

DIN
374



THROUGH HOLE



Application	008	008
Material	HSSE	HSSE
Coating	BRIGHT	BRIGHT
Entry	B(3,5-5)	B(3,5-5)
Geometry	GUN	GUN
Tolerance	ISO2(6H)	ISO2(6H)
Deep	3xd	3xd
Reference	104	103

Code Example Ref. 103 M12

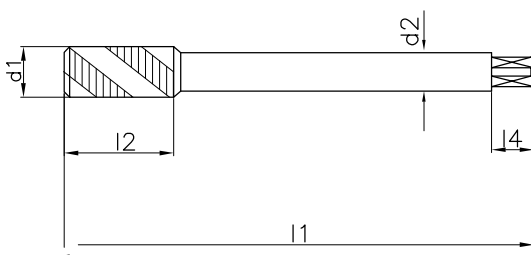
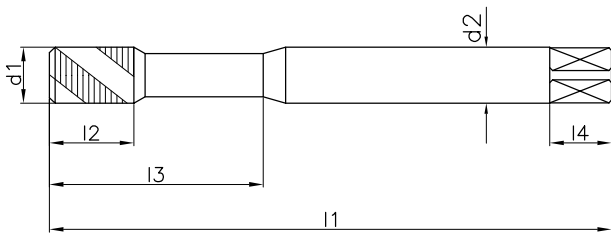
008.103LUM12175

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	11	18	3,50	2,70	2,50		-
M4	0,70	63	13	21	4,50	3,40	3,30		-
M5	0,80	70	16	25	6,00	4,90	4,20		-
M6	1,00	80	19	30	6,00	4,90	5,00		-
M8	1,25	90	22	35	8,00	6,20	6,80		-
M10	1,50	100	24	39	10,00	8,00	8,50		-
DIN 376 Thin Shank									
M8	1,25	90	22	-	6,00	4,90	6,80	-	
M10	1,50	100	24	-	7,00	5,50	8,50	-	
M12	1,75	100	22	-	9,00	7,00	10,20	-	
M14	2,00	110	30	-	11,00	9,00	12,00	-	
M16	2,00	110	30	-	12,00	9,00	14,00	-	
M18	2,50	125	34	-	14,00	11,00	15,50	-	
M20	2,50	140	34	-	16,00	12,00	17,50	-	
M22	2,50	140	34	-	18,00	14,50	19,50	-	
M24	3,00	160	38	-	18,00	14,50	21,00	-	
DIN 374 Thin Shank									
MF8	1,00	90	22	-	6,00	4,90	7,00	-	
MF10	1,00	90	20	-	7,00	5,50	9,00	-	
MF10	1,25	100	24	-	7,00	5,50	8,80	-	
MF12	1,00	100	22	-	9,00	7,00	11,00	-	
MF12	1,25	100	22	-	9,00	7,00	10,80	-	
MF12	1,50	100	22	-	9,00	7,00	10,50	-	
MF14	1,25	100	22	-	11,00	9,00	12,80	-	
MF14	1,50	100	22	-	11,00	9,00	12,50	-	
MF16	1,50	100	30	-	12,00	9,00	14,50	-	
MF18	1,50	110	25	-	14,00	11,00	16,50	-	
MF20	1,50	125	25	-	16,00	12,00	18,50	-	

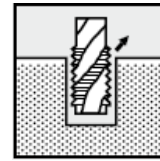
*For other measurements and threads please consult price and delivery time

008

GENERAL

SOFT
STEELCONSTRUCTION
STEELCEMENTED
STEELNON
ALLOY
STEELCARBON
STEELSTEEL
<800N/mmDIN
371DIN
376DIN
374

BLIND THREAD



Application	008	008
Material	HSSE	HSSE
Coating	BRIGHT	BRIGHT
Entry	B(3,5-5)	B(3,5-5)
Geometry	GUN	GUN
Tolerance	ISO2(6H)	ISO2(6H)
Deep	3xd	3xd
Reference	106	105

Code Example Ref. 106 M3

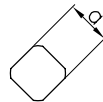
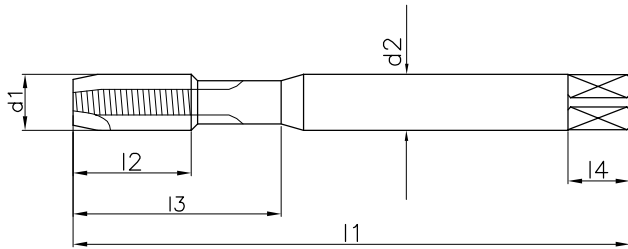
008.106LUM30005

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	6	18	3,50	2,70	2,50	-	-
M4	0,70	63	7	21	4,50	3,40	3,30	-	-
M5	0,80	70	8	25	6,00	4,90	4,20	-	-
M6	1,00	80	10	30	6,00	4,90	5,00	-	-
M8	1,25	90	14	35	8,00	6,20	6,80	-	-
M10	1,50	100	16	39	10,00	8,00	8,50	-	-
DIN 376 Thin Shank									
M8	1,25	90	14	-	6,00	4,90	6,80	-	-
M10	1,50	100	16	-	7,00	5,50	8,50	-	-
M12	1,75	100	18	-	9,00	7,00	10,20	-	-
M14	2,00	110	20	-	11,00	9,00	12,00	-	-
M16	2,00	110	20	-	12,00	9,00	14,00	-	-
M18	2,50	125	25	-	14,00	11,00	15,50	-	-
M20	2,50	140	25	-	16,00	12,00	17,50	-	-
M22	2,50	140	25	-	18,00	14,50	19,50	-	-
M24	3,00	160	30	-	18,00	14,50	21,00	-	-
DIN 374 Thin Shank									
MF8	1,00	90	14	-	6,00	4,90	7,00	-	-
MF10	1,00	90	10	-	7,00	5,50	9,00	-	-
MF10	1,25	100	16	-	7,00	5,50	8,80	-	-
MF12	1,00	100	15	-	9,00	7,00	11,00	-	-
MF12	1,25	100	15	-	9,00	7,00	10,80	-	-
MF12	1,50	100	15	-	9,00	7,00	10,50	-	-
MF14	1,25	100	15	-	11,00	9,00	12,80	-	-
MF14	1,50	100	15	-	11,00	9,00	12,50	-	-
MF16	1,50	100	15	-	12,00	9,00	14,50	-	-
MF18	1,50	110	22	-	14,00	11,00	16,50	-	-
MF20	1,50	125	22	-	16,00	12,00	18,50	-	-

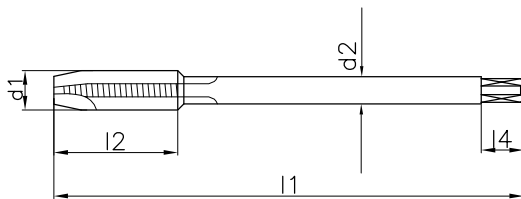
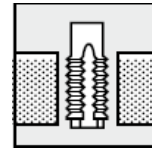
*For other measurements and threads please consult price and delivery time

008

GENERAL

SOFT
STEELCONSTRUCTION
STEELCEMENTED
STEELNON
ALLOY
STEELCARBON
STEELSTEEL
>800N/mmDIN
371DIN
376DIN
374

THROUGH HOLE



Application	008	008
Material	HSSE	HSSE
Coating	VAP	VAP
Entry	B(3,5-5)	B(3,5-5)
Geometry	GUN	GUN
Tolerance	ISO2(6H)	ISO2(6H)
Deep	3xd	3xd
Reference	250	251

Code Example Ref. 251 M12

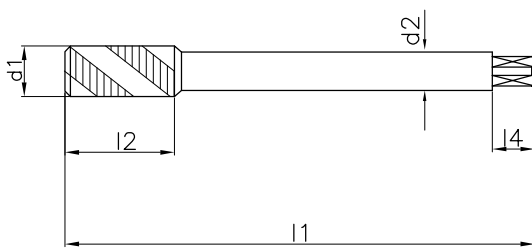
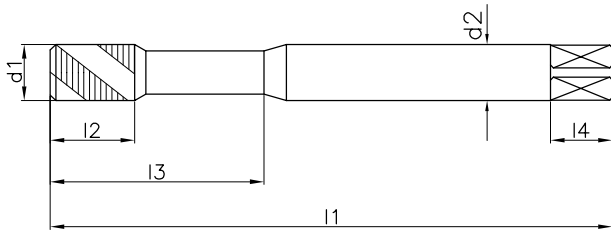
008.250VPM12175

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	11	18	3,50	2,70	2,50	-	-
M4	0,70	63	13	21	4,50	3,40	3,30	-	-
M5	0,80	70	16	25	6,00	4,90	4,20	-	-
M6	1,00	80	19	30	6,00	4,90	5,00	-	-
M8	1,25	90	22	35	8,00	6,20	6,80	-	-
M10	1,50	100	24	39	10,00	8,00	8,50	-	-
DIN 376 Thin Shank									
M8	1,25	90	22	-	6,00	4,90	6,80	-	-
M10	1,50	100	24	-	7,00	5,50	8,50	-	-
M12	1,75	100	22	-	9,00	7,00	10,20	-	-
M14	2,00	110	30	-	11,00	9,00	12,00	-	-
M16	2,00	110	30	-	12,00	9,00	14,00	-	-
M18	2,50	125	34	-	14,00	11,00	15,50	-	-
M20	2,50	140	34	-	16,00	12,00	17,50	-	-
M22	2,50	140	34	-	18,00	14,50	19,50	-	-
M24	3,00	160	38	-	18,00	14,50	21,00	-	-
DIN 374 Thin Shank									
MF8	1,00	90	22	-	6,00	4,90	7,00	-	-
MF10	1,00	90	20	-	7,00	5,50	9,00	-	-
MF10	1,25	100	24	-	7,00	5,50	8,80	-	-
MF12	1,00	100	22	-	9,00	7,00	11,00	-	-
MF12	1,25	100	22	-	9,00	7,00	10,80	-	-
MF12	1,50	100	22	-	9,00	7,00	10,50	-	-
MF14	1,25	100	22	-	11,00	9,00	12,80	-	-
MF14	1,50	100	22	-	11,00	9,00	12,50	-	-
MF16	1,50	100	30	-	12,00	9,00	14,50	-	-
MF18	1,50	110	25	-	14,00	11,00	16,50	-	-
MF20	1,50	125	25	-	16,00	12,00	18,50	-	-

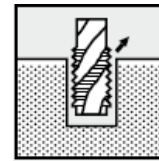
*For other measurements and threads please consult price and delivery time

008

GENERAL

SOFT
STEELCONSTRUCTION
STEELCEMENTED
STEELNON
ALLOY
STEELCARBON
STEELSTEEL
>800N/mmDIN
371DIN
376DIN
374

BLIND THREAD



Application	008	008
Material	HSSE	HSSE
Coating	VAP	VAP
Entry	C(2-3)	C(2-3)
Geometry	R35°	R35°
Tolerance	ISO2(6H)	ISO2(6H)
Deep	3xd	3xd
Reference	252	253

Code Example Ref. 253 M12

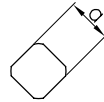
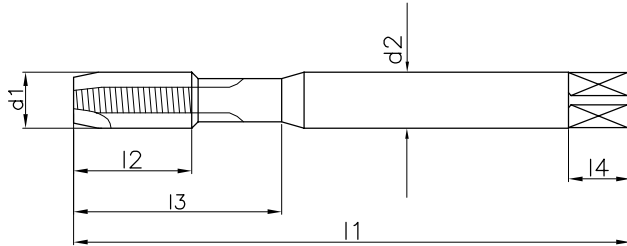
008.253VPMF12150

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	6	18	3,50	2,70	2,50	-	-
M4	0,70	63	7	21	4,50	3,40	3,30	-	-
M5	0,80	70	8	25	6,00	4,90	4,20	-	-
M6	1,00	80	10	30	6,00	4,90	5,00	-	-
M8	1,25	90	14	35	8,00	6,20	6,80	-	-
M10	1,50	100	16	39	10,00	8,00	8,50	-	-
DIN 376 Thin Shank									
M8	1,25	90	14	-	6,00	4,90	6,80	-	-
M10	1,50	100	16	-	7,00	5,50	8,50	-	-
M12	1,75	100	18	-	9,00	7,00	10,20	-	-
M14	2,00	110	20	-	11,00	9,00	12,00	-	-
M16	2,00	110	20	-	12,00	9,00	14,00	-	-
M18	2,50	125	25	-	14,00	11,00	15,50	-	-
M20	2,50	140	25	-	16,00	12,00	17,50	-	-
M22	2,50	140	25	-	18,00	14,50	19,50	-	-
M24	3,00	160	30	-	18,00	14,50	21,00	-	-
DIN 374 Thin Shank									
MF8	1,00	90	14	-	6,00	4,90	7,00	-	-
MF10	1,00	90	10	-	7,00	5,50	9,00	-	-
MF10	1,25	100	16	-	7,00	5,50	8,80	-	-
MF12	1,00	100	15	-	9,00	7,00	11,00	-	-
MF12	1,25	100	15	-	9,00	7,00	10,80	-	-
MF12	1,50	100	15	-	9,00	7,00	10,50	-	-
MF14	1,25	100	15	-	11,00	9,00	12,80	-	-
MF14	1,50	100	15	-	11,00	9,00	12,50	-	-
MF16	1,50	100	15	-	12,00	9,00	14,50	-	-
MF18	1,50	110	22	-	14,00	11,00	16,50	-	-
MF20	1,50	125	22	-	16,00	12,00	18,50	-	-

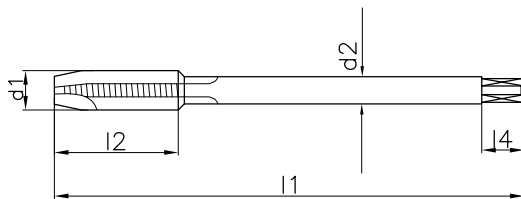
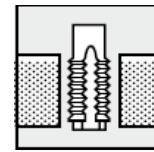
*For other measurements and threads please consult price and delivery time

008

GENERAL

SOFT
STEELCONSTRUCTION
STEELCEMENTED
STEELNON
ALLOY
STEELCARBON
STEELSTEEL
>800N/mmDIN
371DIN
376DIN
374

THROUGH HOLE



Application	008	008
Material	HSSE	HSSE
Coating	TIN	TIN
Entry	B(3,5-5)	B(3,5-5)
Geometry	GUN	GUN
Tolerance	ISO2(6H)	ISO2(6H)
Deep	3xd	3xd
Reference	116	115

Code Example Ref. 116 M6

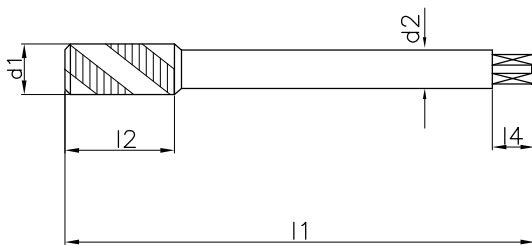
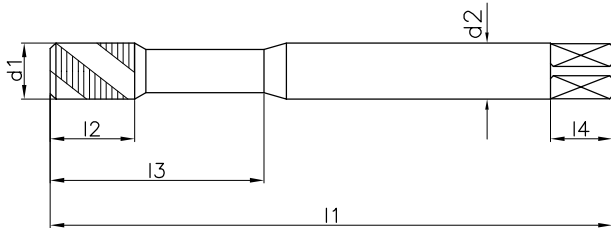
008.116TIM60010

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	11	18	3,50	2,70	2,50	-	-
M4	0,70	63	13	21	4,50	3,40	3,30	-	-
M5	0,80	70	16	25	6,00	4,90	4,20	-	-
M6	1,00	80	19	30	6,00	4,90	5,00	-	-
M8	1,25	90	22	35	8,00	6,20	6,80	-	-
M10	1,50	100	24	39	10,00	8,00	8,50	-	-
DIN 376 Thin Shank									
M8	1,25	90	22	-	6,00	4,90	6,80	-	-
M10	1,50	100	24	-	7,00	5,50	8,50	-	-
M12	1,75	100	22	-	9,00	7,00	10,20	-	-
M14	2,00	110	30	-	11,00	9,00	12,00	-	-
M16	2,00	110	30	-	12,00	9,00	14,00	-	-
M18	2,50	125	34	-	14,00	11,00	15,50	-	-
M20	2,50	140	34	-	16,00	12,00	17,50	-	-
M22	2,50	140	34	-	18,00	14,50	19,50	-	-
M24	3,00	160	38	-	18,00	14,50	21,00	-	-
DIN 374 Thin Shank									
MF8	1,00	90	22	-	6,00	4,90	7,00	-	-
MF10	1,00	90	20	-	7,00	5,50	9,00	-	-
MF10	1,25	100	24	-	7,00	5,50	8,80	-	-
MF12	1,00	100	22	-	9,00	7,00	11,00	-	-
MF12	1,25	100	22	-	9,00	7,00	10,80	-	-
MF12	1,50	100	22	-	9,00	7,00	10,50	-	-
MF14	1,25	100	22	-	11,00	9,00	12,80	-	-
MF14	1,50	100	22	-	11,00	9,00	12,50	-	-
MF16	1,50	100	30	-	12,00	9,00	14,50	-	-
MF18	1,50	110	25	-	14,00	11,00	16,50	-	-
MF20	1,50	125	25	-	16,00	12,00	18,50	-	-

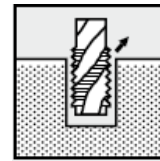
*For other measurements and threads please consult price and delivery time

008

GENERAL

SOFT
STEELCONSTRUCTION
STEELCEMENTED
STEELNON
ALLOY
STEELCARBON
STEELSTEEL
>800N/mmDIN
371DIN
376DIN
374

BLIND THREAD



Application	008	008
Material	HSSE	HSSE
Coating	TIN	TIN
Entry	C(2-3)	C(2-3)
Geometry	R35°	R35°
Tolerance	ISO2(6H)	ISO2(6H)
Deep	3xd	3xd
Reference	118	117

Code Example Ref. 118 M10

008.118TIM10150

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	6	18	3,50	2,70	2,50	-	-
M4	0,70	63	7	21	4,50	3,40	3,30	-	-
M5	0,80	70	8	25	6,00	4,90	4,20	-	-
M6	1,00	80	10	30	6,00	4,90	5,00	-	-
M8	1,25	90	14	35	8,00	6,20	6,80	-	-
M10	1,50	100	16	39	10,00	8,00	8,50	-	-
DIN 376 Thin Shank									
M8	1,25	90	14	-	6,00	4,90	6,80	-	-
M10	1,50	100	16	-	7,00	5,50	8,50	-	-
M12	1,75	100	18	-	9,00	7,00	10,20	-	-
M14	2,00	110	20	-	11,00	9,00	12,00	-	-
M16	2,00	110	20	-	12,00	9,00	14,00	-	-
M18	2,50	125	25	-	14,00	11,00	15,50	-	-
M20	2,50	140	25	-	16,00	12,00	17,50	-	-
M22	2,50	140	25	-	18,00	14,50	19,50	-	-
M24	3,00	160	30	-	18,00	14,50	21,00	-	-
DIN 374 Thin Shank									
MF8	1,00	90	14	-	6,00	4,90	7,00	-	-
MF10	1,00	90	10	-	7,00	5,50	9,00	-	-
MF10	1,25	100	16	-	7,00	5,50	8,80	-	-
MF12	1,00	100	15	-	9,00	7,00	11,00	-	-
MF12	1,25	100	15	-	9,00	7,00	10,80	-	-
MF12	1,50	100	15	-	9,00	7,00	10,50	-	-
MF14	1,25	100	15	-	11,00	9,00	12,80	-	-
MF14	1,50	100	15	-	11,00	9,00	12,50	-	-
MF16	1,50	100	15	-	12,00	9,00	14,50	-	-
MF18	1,50	110	22	-	14,00	11,00	16,50	-	-
MF20	1,50	125	22	-	16,00	12,00	18,50	-	-

*For other measurements and threads please consult price and delivery time

011

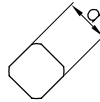
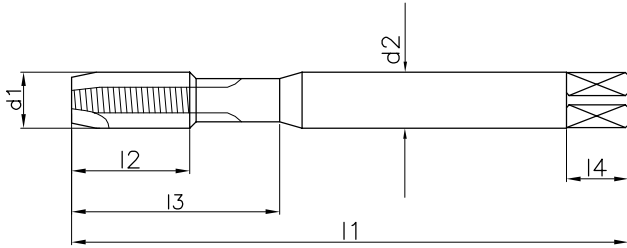
HARD

ALLOY STEEL TREATED STEEL STEEL < 1100N/mm (38HRC)

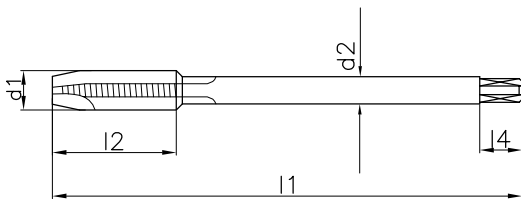
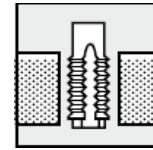
DIN 371

DIN 376

DIN 374



THROUGH HOLE



Application	011	011
Material	HSSE-PM	HSSE-PM
Coating	TICN	TICN
Entry	B(3,5-5)	B(3,5-5)
Geometry	GUN	GUN
Tolerance	ISO2(6H)	ISO2(6H)
Deep	3xd	3xd
Reference	126	125

Code Example Ref. 125 M20

011.125TCM20250

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	11	18	3,50	2,70	2,50	-	-
M4	0,70	63	13	21	4,50	3,40	3,30	-	-
M5	0,80	70	16	25	6,00	4,90	4,20	-	-
M6	1,00	80	19	30	6,00	4,90	5,00	-	-
M8	1,25	90	22	35	8,00	6,20	6,80	-	-
M10	1,50	100	24	39	10,00	8,00	8,50	-	-
DIN 376 Thin Shank									
M8	1,25	90	22	-	6,00	4,90	6,80	-	-
M10	1,50	100	24	-	7,00	5,50	8,50	-	-
M12	1,75	100	22	-	9,00	7,00	10,20	-	-
M14	2,00	110	30	-	11,00	9,00	12,00	-	-
M16	2,00	110	30	-	12,00	9,00	14,00	-	-
M18	2,50	125	34	-	14,00	11,00	15,50	-	-
M20	2,50	140	34	-	16,00	12,00	17,50	-	-
M22	2,50	140	34	-	18,00	14,50	19,50	-	-
M24	3,00	160	38	-	18,00	14,50	21,00	-	-
DIN 374 Thin Shank									
MF8	1,00	90	22	-	6,00	4,90	7,00	-	-
MF10	1,00	90	20	-	7,00	5,50	9,00	-	-
MF10	1,25	100	24	-	7,00	5,50	8,80	-	-
MF12	1,00	100	22	-	9,00	7,00	11,00	-	-
MF12	1,25	100	22	-	9,00	7,00	10,80	-	-
MF12	1,50	100	22	-	9,00	7,00	10,50	-	-
MF14	1,25	100	22	-	11,00	9,00	12,80	-	-
MF14	1,50	100	22	-	11,00	9,00	12,50	-	-
MF16	1,50	100	30	-	12,00	9,00	14,50	-	-
MF18	1,50	110	25	-	14,00	11,00	16,50	-	-
MF20	1,50	125	25	-	16,00	12,00	18,50	-	-

*For other measurements and threads please consult price and delivery time

011

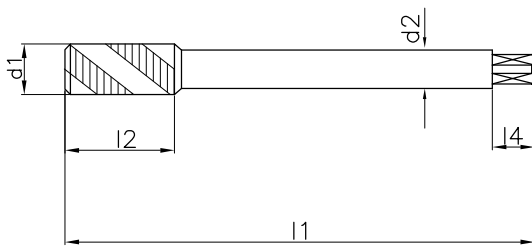
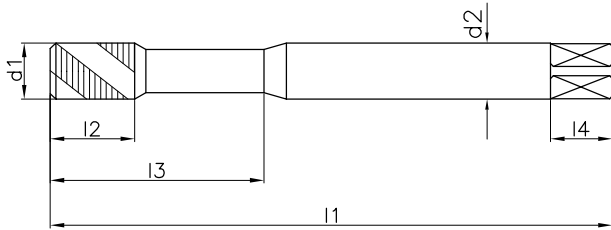
HARD

ALLOY STEEL TREATED STEEL STEEL < 1100N/mm (38HRC)

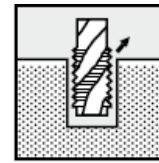
DIN 371

DIN 376

DIN 374



BLIND THREAD



Application	011	011
Material	HSSE-PM	HSSE-PM
Coating	TICN	TICN
Entry	C(2-3)	C(2-3)
Geometry	R35°	R35°
Tolerance	ISO2(6H)	ISO2(6H)
Deep	3xd	3xd
Reference	124	123

Code Example Ref. 123 MF8

011.123TCMF80010

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	6	18	3,50	2,70	2,50	-	-
M4	0,70	63	7	21	4,50	3,40	3,30	-	-
M5	0,80	70	8	25	6,00	4,90	4,20	-	-
M6	1,00	80	10	30	6,00	4,90	5,00	-	-
M8	1,25	90	14	35	8,00	6,20	6,80	-	-
M10	1,50	100	16	39	10,00	8,00	8,50	-	-
DIN 376 Thin Shank									
M8	1,25	90	14	-	6,00	4,90	6,80	-	-
M10	1,50	100	16	-	7,00	5,50	8,50	-	-
M12	1,75	100	18	-	9,00	7,00	10,20	-	-
M14	2,00	110	20	-	11,00	9,00	12,00	-	-
M16	2,00	110	20	-	12,00	9,00	14,00	-	-
M18	2,50	125	25	-	14,00	11,00	15,50	-	-
M20	2,50	140	25	-	16,00	12,00	17,50	-	-
M22	2,50	140	25	-	18,00	14,50	19,50	-	-
M24	3,00	160	30	-	18,00	14,50	21,00	-	-
DIN 374 Thin Shank									
MF8	1,00	90	14	-	6,00	4,90	7,00	-	-
MF10	1,00	90	10	-	7,00	5,50	9,00	-	-
MF10	1,25	100	16	-	7,00	5,50	8,80	-	-
MF12	1,00	100	15	-	9,00	7,00	11,00	-	-
MF12	1,25	100	15	-	9,00	7,00	10,80	-	-
MF12	1,50	100	15	-	9,00	7,00	10,50	-	-
MF14	1,25	100	15	-	11,00	9,00	12,80	-	-
MF14	1,50	100	15	-	11,00	9,00	12,50	-	-
MF16	1,50	100	15	-	12,00	9,00	14,50	-	-
MF18	1,50	110	22	-	14,00	11,00	16,50	-	-
MF20	1,50	125	22	-	16,00	12,00	18,50	-	-

*For other measurements and threads please consult price and delivery time

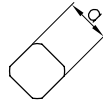
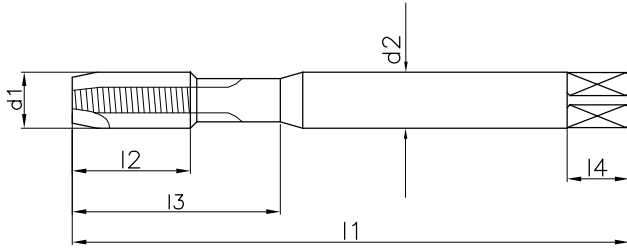
014

HARD PLUS

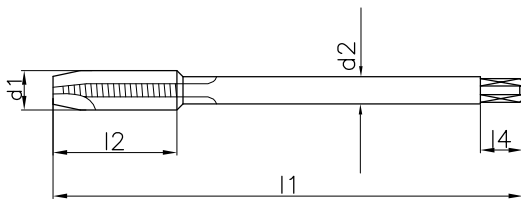
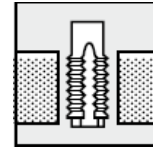


DIN 371

DIN 376



THROUGH HOLE



Application	014	014
Material	HSSE-PM	HSSE-PM
Coating	TICN	TICN
Entry	B(3,5-5)	B(3,5-5)
Geometry	GUN	GUN
Tolerance	ISO2(6HX)	ISO2(6HX)
Deep	3xd	3xd
Reference	176	175

Code Example Ref. 175 M12

014.175TCM12175

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	11	18	3,50	2,70	2,50		-
M4	0,70	63	13	21	4,50	3,40	3,30		-
M5	0,80	70	16	25	6,00	4,90	4,20		-
M6	1,00	80	19	30	6,00	4,90	5,00		-
M8	1,25	90	22	35	8,00	6,20	6,80		-
M10	1,50	100	24	39	10,00	8,00	8,50		-
DIN 376 Thin Shank									
M8	1,25	90	22	-	6,00	4,90	6,80	-	
M10	1,50	100	24	-	7,00	5,50	8,50	-	
M12	1,75	100	22	-	9,00	7,00	10,20	-	
M14	2,00	110	30	-	11,00	9,00	12,00	-	
M16	2,00	110	30	-	12,00	9,00	14,00	-	
M18	2,50	125	34	-	14,00	11,00	15,50	-	
M20	2,50	140	34	-	16,00	12,00	17,50	-	

* For other measurements and threads please consult price and delivery time

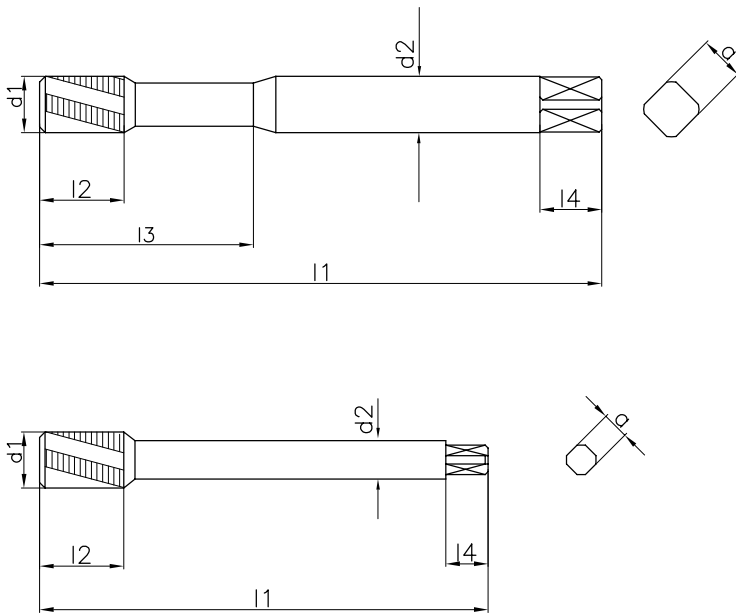
014

HARD PLUS

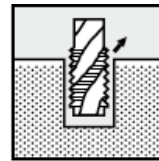
ALLOY STEEL
TREATED STEEL
STEEL < 1400N/mm (44HRC)

DIN 371

DIN 376



BLIND THREAD



Application	014	014
Material	HSSE-PM	HSSE-PM
Coating	TICN	TICN
Entry	C(2-3)	C(2-3)
Geometry	R15°	R15°
Tolerance	ISO2(6HX)	ISO2(6HX)
Deep	3xd	3xd
Reference	178	177

Code Example Ref. 178 M6

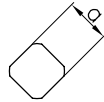
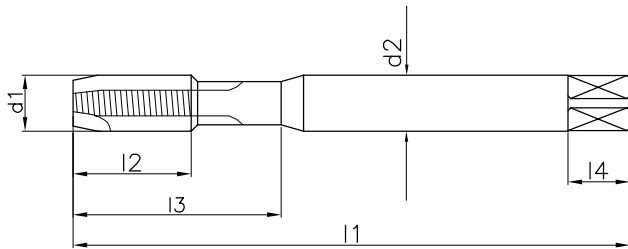
014.178TCM60010

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	6	18	3,50	2,70	2,50		-
M4	0,70	63	7	21	4,50	3,40	3,30		-
M5	0,80	70	8	25	6,00	4,90	4,20		-
M6	1,00	80	10	30	6,00	4,90	5,00		-
M8	1,25	90	14	35	8,00	6,20	6,80		-
M10	1,50	100	16	39	10,00	8,00	8,50		-
DIN 376 Thin Shank									
M8	1,25	90	14	-	6,00	4,90	6,80	-	
M10	1,50	100	16	-	7,00	5,50	8,50	-	
M12	1,75	100	18	-	9,00	7,00	10,20	-	
M14	2,00	110	20	-	11,00	9,00	12,00	-	
M16	2,00	110	20	-	12,00	9,00	14,00	-	
M18	2,50	125	25	-	14,00	11,00	15,50	-	
M20	2,50	140	25	-	16,00	12,00	17,50	-	

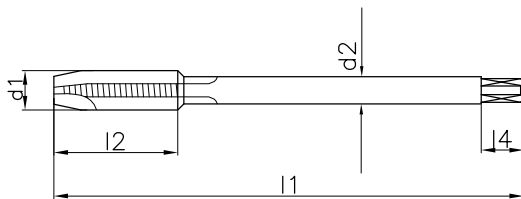
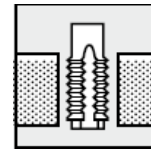
*For other measurements and threads please consult price and delivery time

015

INOX

SULPHUR
TREATED
STAINLESSAUSTENITIC
STAINLESSFERROUS
STEELMARTENSITIC
STEELDIN
371DIN
376DIN
374

THROUGH HOLE



Application	015	015
Material		HSSE
Coating	VAP	VAP
Entry	B(3,5-5)	B(3,5-5)
Geometry	GUN	GUN
Tolerance	ISO2(6H)	ISO2(6H)
Deep	3xd	3xd
Reference	122	121

Code Example Ref. 121 M12

015.121VPM12175

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	11	18	3,50	2,70	2,50	-	-
M4	0,70	63	13	21	4,50	3,40	3,30	-	-
M5	0,80	70	16	25	6,00	4,90	4,20	-	-
M6	1,00	80	19	30	6,00	4,90	5,00	-	-
M8	1,25	90	22	35	8,00	6,20	6,80	-	-
M10	1,50	100	24	39	10,00	8,00	8,50	-	-
DIN 376 Thin Shank									
M8	1,25	90	22	-	6,00	4,90	6,80	-	-
M10	1,50	100	24	-	7,00	5,50	8,50	-	-
M12	1,75	100	22	-	9,00	7,00	10,20	-	-
M14	2,00	110	30	-	11,00	9,00	12,00	-	-
M16	2,00	110	30	-	12,00	9,00	14,00	-	-
M18	2,50	125	34	-	14,00	11,00	15,50	-	-
M20	2,50	140	34	-	16,00	12,00	17,50	-	-
M22	2,50	140	34	-	18,00	14,50	19,50	-	-
M24	3,00	160	38	-	18,00	14,50	21,00	-	-
DIN 374 Thin Shank									
MF8	1,00	90	22	-	6,00	4,90	7,00	-	-
MF10	1,00	90	20	-	7,00	5,50	9,00	-	-
MF10	1,25	100	24	-	7,00	5,50	8,80	-	-
MF12	1,00	100	22	-	9,00	7,00	11,00	-	-
MF12	1,25	100	22	-	9,00	7,00	10,80	-	-
MF12	1,50	100	22	-	9,00	7,00	10,50	-	-
MF14	1,25	100	22	-	11,00	9,00	12,80	-	-
MF14	1,50	100	22	-	11,00	9,00	12,50	-	-
MF16	1,50	100	30	-	12,00	9,00	14,50	-	-
MF18	1,50	110	25	-	14,00	11,00	16,50	-	-
MF20	1,50	125	25	-	16,00	12,00	18,50	-	-

*For other measurements and threads please consult price and delivery time

015

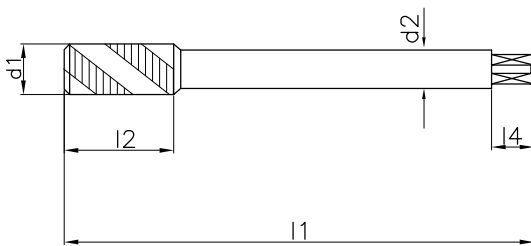
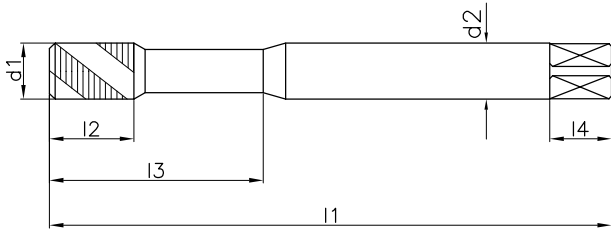
INOX



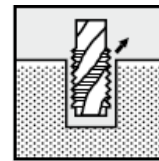
DIN 371

DIN 376

DIN 374



BLIND THREAD



Application	015	015
Material	HSSE	HSSE
Coating	VAP	VAP
Entry	C(2-3)	C(2-3)
Geometry	R35°	R35°
Tolerance	ISO2(6H)	ISO2(6H)
Deep	3xd	3xd
Reference	120	119

Code Example Ref. 119 M12

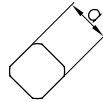
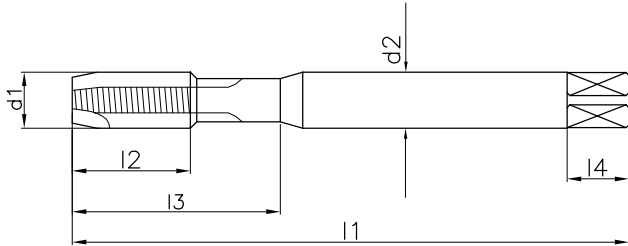
015.119VPM12175

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	6	18	3,50	2,70	2,50	-	-
M4	0,70	63	7	21	4,50	3,40	3,30	-	-
M5	0,80	70	8	25	6,00	4,90	4,20	-	-
M6	1,00	80	10	30	6,00	4,90	5,00	-	-
M8	1,25	90	14	35	8,00	6,20	6,80	-	-
M10	1,50	100	16	39	10,00	8,00	8,50	-	-
DIN 376 Thin Shank									
M8	1,25	90	14	-	6,00	4,90	6,80	-	-
M10	1,50	100	16	-	7,00	5,50	8,50	-	-
M12	1,75	100	18	-	9,00	7,00	10,20	-	-
M14	2,00	110	20	-	11,00	9,00	12,00	-	-
M16	2,00	110	20	-	12,00	9,00	14,00	-	-
M18	2,50	125	25	-	14,00	11,00	15,50	-	-
M20	2,50	140	25	-	16,00	12,00	17,50	-	-
M22	2,50	140	25	-	18,00	14,50	19,50	-	-
M24	3,00	160	30	-	18,00	14,50	21,00	-	-
DIN 374 Thin Shank									
MF8	1,00	90	14	-	6,00	4,90	7,00	-	-
MF10	1,00	90	10	-	7,00	5,50	9,00	-	-
MF10	1,25	100	16	-	7,00	5,50	8,80	-	-
MF12	1,00	100	15	-	9,00	7,00	11,00	-	-
MF12	1,25	100	15	-	9,00	7,00	10,80	-	-
MF12	1,50	100	15	-	9,00	7,00	10,50	-	-
MF14	1,25	100	15	-	11,00	9,00	12,80	-	-
MF14	1,50	100	15	-	11,00	9,00	12,50	-	-
MF16	1,50	100	15	-	12,00	9,00	14,50	-	-
MF18	1,50	110	22	-	14,00	11,00	16,50	-	-
MF20	1,50	125	22	-	16,00	12,00	18,50	-	-

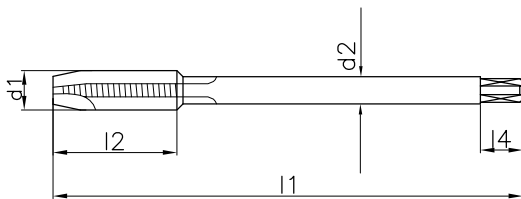
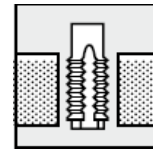
*For other measurements and threads please consult price and delivery time

016

ALU

DIN
371DIN
376

THROUGH HOLE



Application	016	016
Material	HSSE	HSSE
Coating	-	-
Entry	B(3,5-5)-AZ	B(3,5-5)-AZ
Geometry	GUN	GUN
Tolerance	ISO2(6H)	ISO2(6H)
Deep	3xd	3xd
Reference	133	132

Code Example Ref. 133 M3

016.133LUM30005

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	11	18	3,50	2,70	2,50		-
M4	0,70	63	13	21	4,50	3,40	3,30		-
M5	0,80	70	16	25	6,00	4,90	4,20		-
M6	1,00	80	19	30	6,00	4,90	5,00		-
M8	1,25	90	22	35	8,00	6,20	6,80		-
M10	1,50	100	24	39	10,00	8,00	8,50		-
DIN 376 Thin Shank									
M8	1,25	90	22	-	6,00	4,90	6,80	-	
M10	1,50	100	24	-	7,00	5,50	8,50	-	
M12	1,75	100	22	-	9,00	7,00	10,20	-	
M14	2,00	110	30	-	11,00	9,00	12,00	-	
M16	2,00	110	30	-	12,00	9,00	14,00	-	

*For other measurements and threads please consult price and delivery time

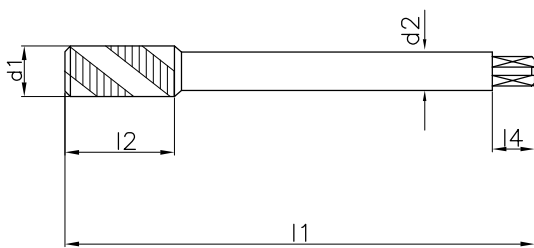
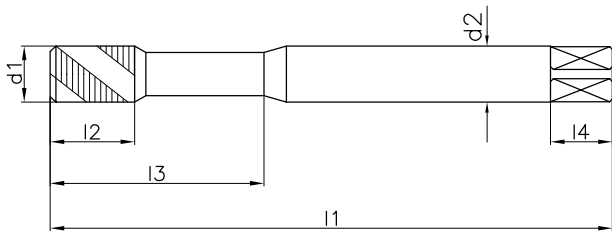
016

ALU

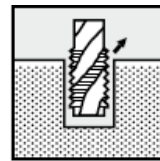


DIN 371

DIN 376



BLIND THREAD



Application	016	016
Material	HSSE	HSSE
Coating	-	-
Entry	C(2-3)	C(2-3)
Geometry	R45°	R45°
Tolerance	ISO2(6H)	ISO2(6H)
Deep	3xd	3xd
Reference	182	181

Code Example Ref. 181 M12

016.181LUM12175

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	6	18	3,50	2,70	2,50		-
M4	0,70	63	7	21	4,50	3,40	3,30		-
M5	0,80	70	8	25	6,00	4,90	4,20		-
M6	1,00	80	10	30	6,00	4,90	5,00		-
M8	1,25	90	14	35	8,00	6,20	6,80		-
M10	1,50	100	16	39	10,00	8,00	8,50		-
DIN 376 Thin Shank									
M8	1,25	90	14	-	6,00	4,90	6,80	-	
M10	1,50	100	16	-	7,00	5,50	8,50	-	
M12	1,75	100	18	-	9,00	7,00	10,20	-	
M14	2,00	110	20	-	11,00	9,00	12,00	-	
M16	2,00	110	20	-	12,00	9,00	14,00	-	

*For other measurements and threads please consult price and delivery time

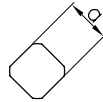
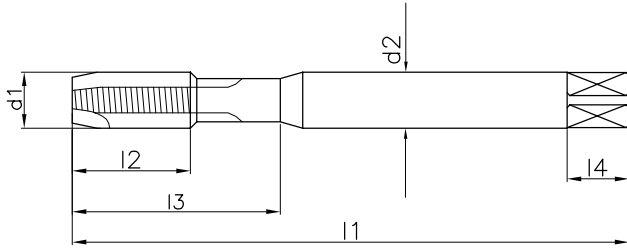
016

ALU

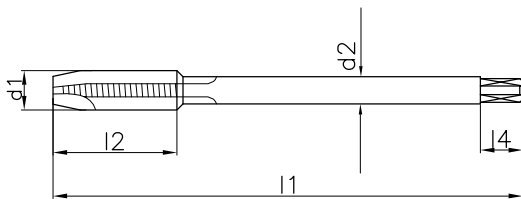
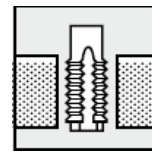


DIN 371

DIN 376



THROUGH HOLE



Application	016	016
Material	HSSE	HSSE
Coating	CrN	CrN
Entry	B(3,5-5)-AZ	B(3,5-5)-AZ
Geometry	GUN	GUN
Tolerance	ISO2(6H)	ISO2(6H)
Deep	3xd	3xd
Reference	184	183

Code Example Ref. 184 M8

016.184CRM80125

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	11	18	3,50	2,70	2,50		-
M4	0,70	63	13	21	4,50	3,40	3,30		-
M5	0,80	70	16	25	6,00	4,90	4,20		-
M6	1,00	80	19	30	6,00	4,90	5,00		-
M8	1,25	90	22	35	8,00	6,20	6,80		-
M10	1,50	100	24	39	10,00	8,00	8,50		-
DIN 376 Thin Shank									
M8	1,25	90	22	-	6,00	4,90	6,80	-	
M10	1,50	100	24	-	7,00	5,50	8,50	-	
M12	1,75	100	22	-	9,00	7,00	10,20	-	
M14	2,00	110	30	-	11,00	9,00	12,00	-	
M16	2,00	110	30	-	12,00	9,00	14,00	-	

*For other measurements and threads please consult price and delivery time

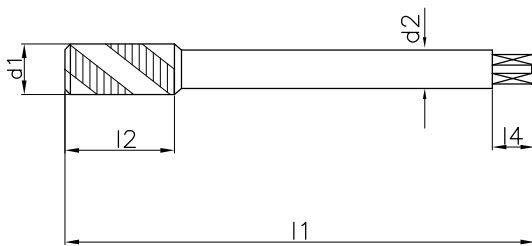
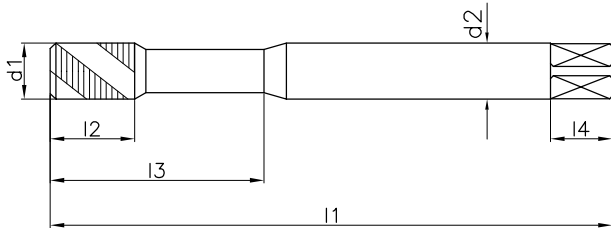
016

ALU

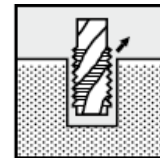


DIN 371

DIN 376



BLIND THREAD



Application	016	016
Material	HSSE	HSSE
Coating	CrN	CrN
Entry	C(2-3)	C(2-3)
Geometry	R45°	R45°
Tolerance	ISO2(6H)	ISO2(6H)
Deep	3xd	3xd
Reference	186	185

Code Example Ref. 185 M12

016.185CRM12175

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	6	18	3,50	2,70	2,50		-
M4	0,70	63	7	21	4,50	3,40	3,30		-
M5	0,80	70	8	25	6,00	4,90	4,20		-
M6	1,00	80	10	30	6,00	4,90	5,00		-
M8	1,25	90	14	35	8,00	6,20	6,80		-
M10	1,50	100	16	39	10,00	8,00	8,50		-
DIN 376 Thin Shank									
M8	1,25	90	14	-	6,00	4,90	6,80	-	
M10	1,50	100	16	-	7,00	5,50	8,50	-	
M12	1,75	100	18	-	9,00	7,00	10,20	-	
M14	2,00	110	20	-	11,00	9,00	12,00	-	
M16	2,00	110	20	-	12,00	9,00	14,00	-	

*For other measurements and threads please consult price and delivery time

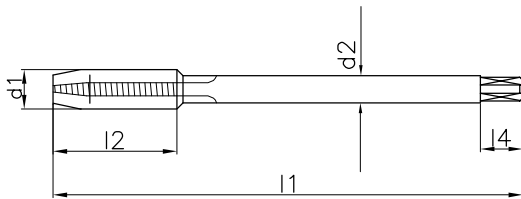
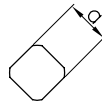
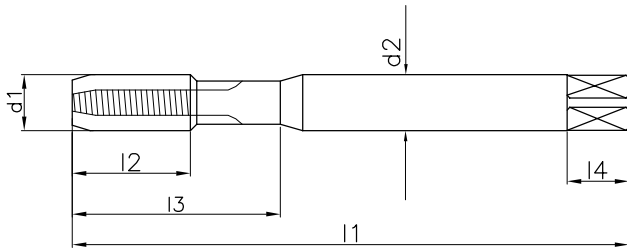
017

CAST IRON

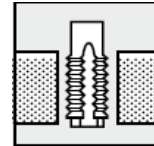
GREY CAST IRON Sphero Cast Iron IRON CASTING

DIN 371

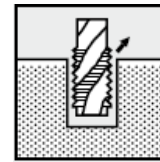
DIN 376



THROUGH HOLE



BLIND THREAD



Application	017	017
Material	HSSE	HSSE
Coating	NIT	NIT
Entry	C(2-3)	C(2-3)
Geometry	-	-
Tolerance	ISO2(6HX)	ISO2(6HX)
Deep	1,5xd	1,5xd
Reference	129	128

Code Example Ref. 129 M6

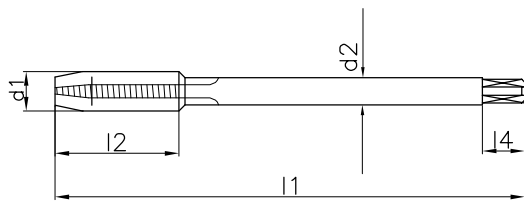
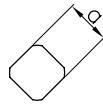
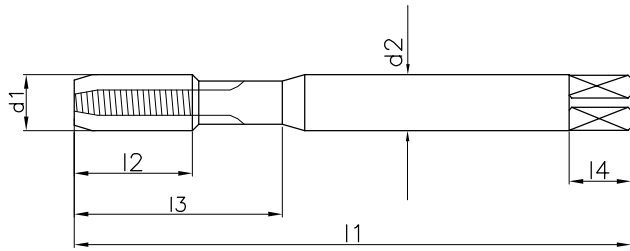
017.129NTM60010

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	11	18	3,50	2,70	2,50		-
M4	0,70	63	13	21	4,50	3,40	3,30		-
M5	0,80	70	16	25	6,00	4,90	4,20		-
M6	1,00	80	19	30	6,00	4,90	5,00		-
M8	1,25	90	22	35	8,00	6,20	6,80		-
M10	1,50	100	24	39	10,00	8,00	8,50		-
DIN 376 Thin Shank									
M8	1,25	90	22	-	6,00	4,90	6,80	-	
M10	1,50	100	24	-	7,00	5,50	8,50	-	
M12	1,75	100	22	-	9,00	7,00	10,20	-	
M14	2,00	110	30	-	11,00	9,00	12,00	-	
M16	2,00	110	30	-	12,00	9,00	14,00	-	
M18	2,50	125	34	-	14,00	11,00	15,50	-	
M20	2,50	140	34	-	16,00	12,00	17,50	-	

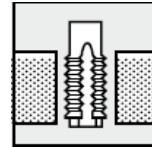
*For other measurements and threads please consult price and delivery time

017

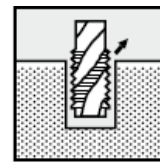
CAST IRON

GREY
CAST
IRONSphero
Cast IronIRON
CASTINGDIN
371DIN
376

THROUGH HOLE



BLIND THREAD



Application	017	017
Material	HSSE	HSSE
Coating	TICN	TICN
Entry	C(2-3)	C(2-3)
Geometry	-	-
Tolerance	ISO2(6HX)	ISO2(6HX)
Deep	1,5xd	1,5xd
Reference	180	179

Code Example Ref. 180 M6

017.180TCM60010

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	6	18	3,50	2,70	2,50		-
M4	0,70	63	7	21	4,50	3,40	3,30		-
M5	0,80	70	8	25	6,00	4,90	4,20		-
M6	1,00	80	10	30	6,00	4,90	5,00		-
M8	1,25	90	14	35	8,00	6,20	6,80		-
M10	1,50	100	16	39	10,00	8,00	8,50		-
DIN 376 Thin Shank									
M8	1,25	90	14	-	6,00	4,90	6,80	-	
M10	1,50	100	16	-	7,00	5,50	8,50	-	
M12	1,75	100	18	-	9,00	7,00	10,20	-	
M14	2,00	110	20	-	11,00	9,00	12,00	-	
M16	2,00	110	20	-	12,00	9,00	14,00	-	
M18	2,50	125	25	-	14,00	11,00	15,50	-	
M20	2,50	140	25	-	16,00	12,00	17,50	-	

*For other measurements and threads please consult price and delivery time

018

HYPER

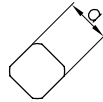
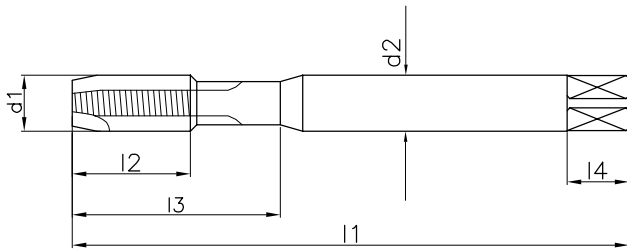


DIN 371

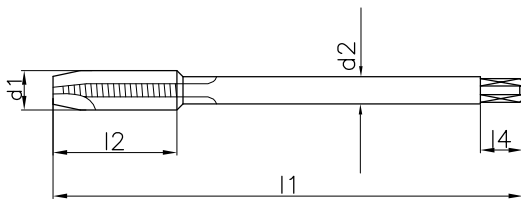
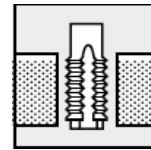
DIN 376



Per filettature su macchine tradizionali utilizzabile per tutti i tipi di materiali
 For conventional threading machines and thread a wide range of materials



THROUGH HOLE



Application	018	018
Material	HSSE-PM	HSSE-PM
Coating	HL	HL
Entry	B(3,5-5)	B(3,5-5)
Geometry	GUN	GUN
Tolerance	ISO2(6H)	ISO2(6H)
Deep	3xd	3xd
Reference	254	255

Code Example Ref. 254 M6

018.254HLM60010

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	5	18	3,50	2,70	2,50		-
M4	0,70	63	7	21	4,50	3,40	3,30		-
M5	0,80	70	8	25	6,00	4,90	4,20		-
M6	1,00	80	10	30	6,00	4,90	5,00		-
M8	1,25	90	13	35	8,00	6,20	6,80		-
M10	1,50	100	15	39	10,00	8,00	8,50		-
DIN 376 Thin Shank									
M12	1,75	100	18	-	9,00	7,00	10,20	-	
M14	2,00	110	20	-	11,00	9,00	12,00	-	
M16	2,00	110	20	-	12,00	9,00	14,00	-	

*For other measurements and threads please consult price and delivery time

018

HYPER

STEEL
<1100N/mm
(38HRC)

INOX
<1100N/mm

CAST
IRON

TI-Alloy
<1100N/mm

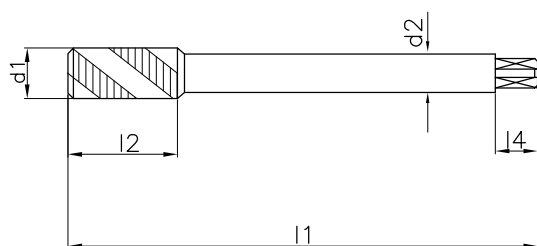
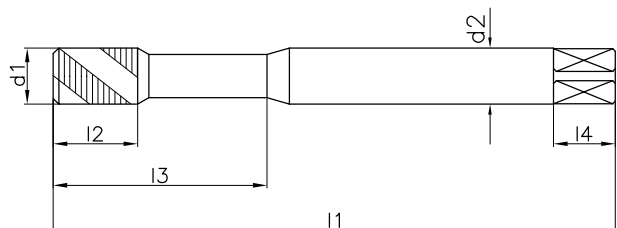
NE
NON
FERROUS

DIN
371

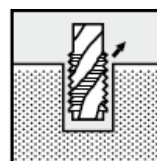
DIN
376



Per filettature su macchine tradizionali utilizzabile per tutti i tipi di materiali
For conventional threading machines and thread a wide range of materials



BLIND THREAD



Application	018	018
Material	HSSE-PM	HSSE-PM
Coating	HL	HL
Entry	C(2-3)	C(2-3)
Geometry	R45°	R45°
Tolerance	ISO2(6H)	ISO2(6H)
Deep	3xd	3xd
Reference	256	257

Code Example Ref. 256 M6

018.256HLM60010

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	5	18	3,50	2,70	2,50		-
M4	0,70	63	7	21	4,50	3,40	3,30		-
M5	0,80	70	8	25	6,00	4,90	4,20		-
M6	1,00	80	10	30	6,00	4,90	5,00		-
M8	1,25	90	13	35	8,00	6,20	6,80		-
M10	1,50	100	15	39	10,00	8,00	8,50		-
DIN 376 Thin Shank									
M12	1,75	100	18	-	9,00	7,00	10,20	-	
M14	2,00	110	20	-	11,00	9,00	12,00	-	
M16	2,00	110	20	-	12,00	9,00	14,00	-	

*For other measurements and threads please consult price and delivery time

019

POWER CNC MACHINING

STEEL
 < 1100N/mm
 (38HRC)

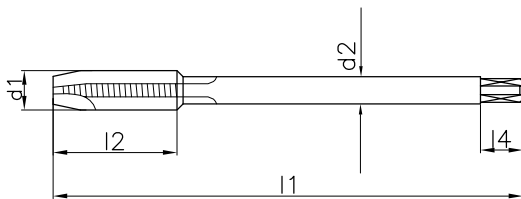
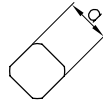
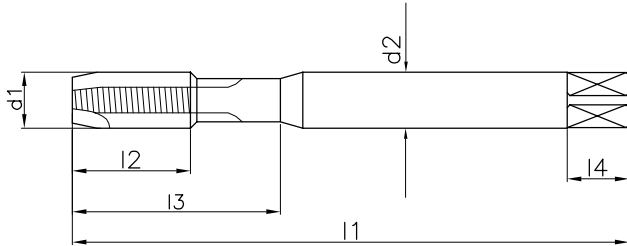
INOX
 < 1100N/mm

**CAST
IRON**
TI-Alloy
 < 1100N/mm

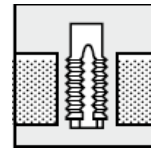
**NE
NON
FERROUS**
**CAST
IRON**
**NE
NON
FERROUS**
**CNC
MACHINES**
**DIN
371**
**DIN
376**


Per filettature di alta precisione su macchine CNC

For tapping in CNC machines that require high precision



THROUGH HOLE



Application	019	019
Material	HSSE-PM	HSSE-PM
Coating	HL	HL
Entry	B(3,5-5)	B(3,5-5)
Geometry	GUN	GUN
Tolerance	ISO2(6H)	ISO2(6H)
Deep	3xd	3xd
Reference	258	259

Code Example Ref. 258 M6

019.258HLM60010

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	5	18	3,50	2,70	2,50		-
M4	0,70	63	7	21	4,50	3,40	3,30		-
M5	0,80	70	8	25	6,00	4,90	4,20		-
M6	1,00	80	10	30	6,00	4,90	5,00		-
M8	1,25	90	13	35	8,00	6,20	6,80		-
M10	1,50	100	15	39	10,00	8,00	8,50		-
DIN 376 Thin Shank									
M12	1,75	100	18	-	9,00	7,00	10,20	-	
M14	2,00	110	20	-	11,00	9,00	12,00	-	
M16	2,00	110	20	-	12,00	9,00	14,00	-	

*For other measurements and threads please consult price and delivery time

019

POWER
CNC MACHINING

STEEL
< 1100N/mm
(38HRC)

INOX
<1100N/mm

CAST
IRON

TI-Alloy
<1100N/mm

NE
NON
FERROUS

CAST
IRON

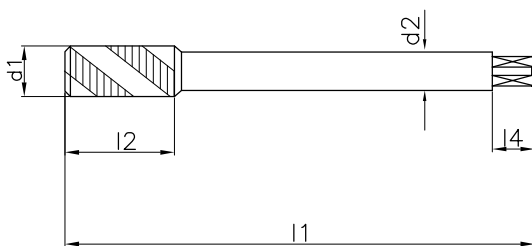
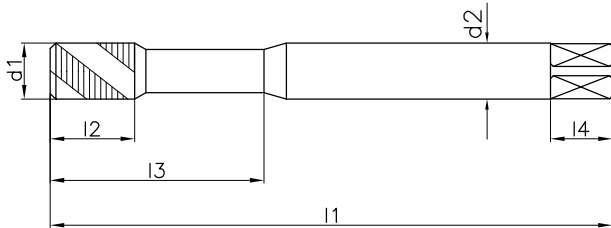
NE
NON
FERROUS

CNC
MACHINES

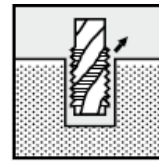
DIN
371DIN
376

Per filettature di alta precisione su macchine CNC

For tapping in CNC machines that require high precision



BLIND THREAD



Application	019	019
Material	HSSE-PM	HSSE-PM
Coating	HL	HL
Entry	C(2-3)	C(2-3)
Geometry	R45°	R45°
Tolerance	ISO2(6H)	ISO2(6H)
Deep	3xd	3xd
Reference	260	261

Code Example Ref. 260 M6

019.260HLM60010

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	5	18	3,50	2,70	2,50		-
M4	0,70	63	7	21	4,50	3,40	3,30		-
M5	0,80	70	8	25	6,00	4,90	4,20		-
M6	1,00	80	10	30	6,00	4,90	5,00		-
M8	1,25	90	13	35	8,00	6,20	6,80		-
M10	1,50	100	15	39	10,00	8,00	8,50		-
DIN 376 Thin Shank									
M12	1,75	100	18	-	9,00	7,00	10,20	-	
M14	2,00	110	20	-	11,00	9,00	12,00	-	
M16	2,00	110	20	-	12,00	9,00	14,00	-	

*For other measurements and threads please consult price and delivery time

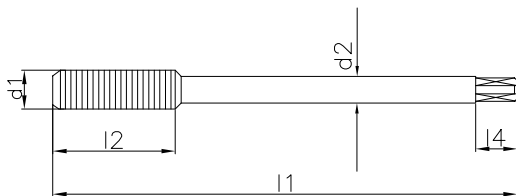
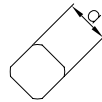
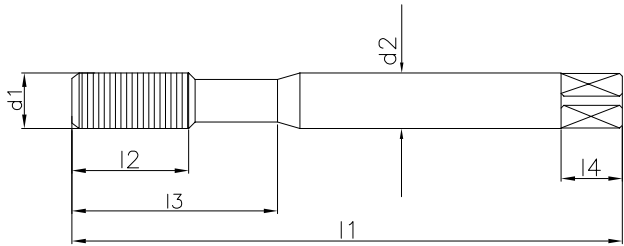
020

ROLLS

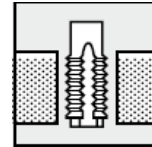
A>12%

DIN
371

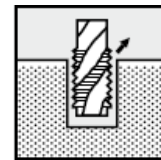
DIN
376



THROUGH HOLE



BLIND THREAD



Application	020	020
Material	HSSE-PM	HSSE-PM
Coating	TIN	TIN
Entry	C(2-3)	C(2-3)
Geometry	-	-
Tolerance	6HX	6HX
Deep	1,5xd	1,5xd
Reference	188	187

Code Example Ref. 188 M6

020.188TIM60010

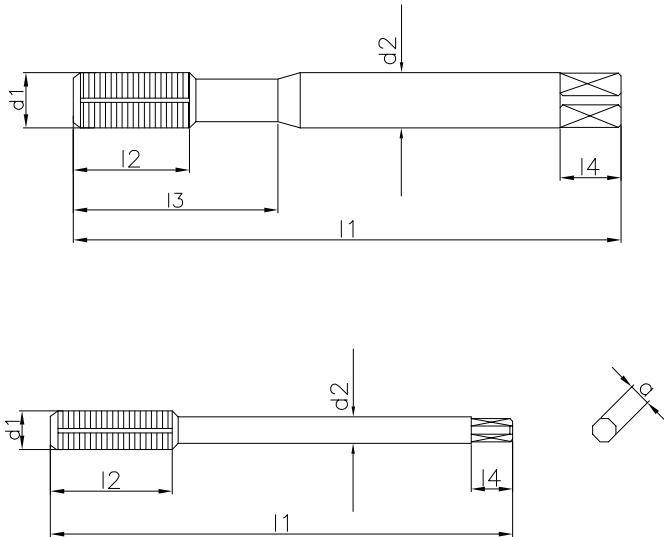
d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	10	18	3,50	2,70	2,50		-
M4	0,70	63	7	21	4,50	3,40	3,30		-
M5	0,80	70	8	25	6,00	4,90	4,20		-
M6	1,00	80	10	30	6,00	4,90	5,00		-
M8	1,25	90	13	35	8,00	6,20	6,80		-
M10	1,50	100	15	39	10,00	8,00	8,50		-
DIN 376 Thin Shank									
M12	1,75	100	18	-	9,00	7,00	10,20	-	
M14	2,00	110	26	-	11,00	9,00	12,00	-	
M16	2,00	110	27	-	12,00	9,00	14,00	-	

*For other measurements and threads please consult price and delivery time

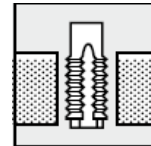
020

ROLLS

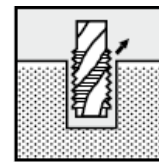
A>12%

DIN
371DIN
376

THROUGH HOLE



BLIND THREAD



Application	020	020
Material	HSSE-PM	HSSE-PM
Coating	TIN	TIN
Entry	C(2-3)	C(2-3)
Geometry	SR	SR
Tolerance	6HX	6HX
Deep	3Xd	3Xd
Reference	214	213

Code Example Ref. 214 M6

020.214TIM60010

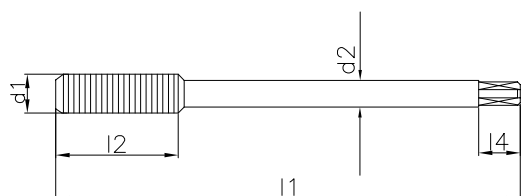
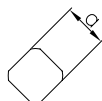
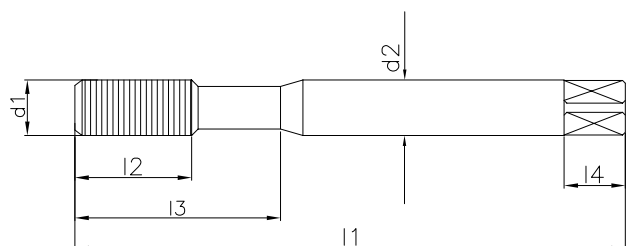
d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	10	18	3,50	2,70	2,50		-
M4	0,70	63	7	21	4,50	3,40	3,30		-
M5	0,80	70	8	25	6,00	4,90	4,20		-
M6	1,00	80	10	30	6,00	4,90	5,00		-
M8	1,25	90	13	35	8,00	6,20	6,80		-
M10	1,50	100	15	39	10,00	8,00	8,50		-
DIN 376 Thin Shank									
M12	1,75	100	18	-	9,00	7,00	10,20	-	
M14	2,00	110	26	-	11,00	9,00	12,00	-	
M16	2,00	110	27	-	12,00	9,00	14,00	-	

*For other measurements and threads please consult price and delivery time

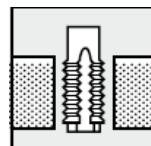
020

ROLLS

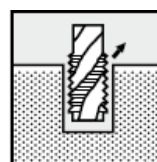
A>12%

DIN
371DIN
376

THROUGH HOLE



BLIND THREAD



Application	020	020
Material	HSSE-PM	HSSE-PM
Coating	TIN	TIN
Entry	C(2-3)	C(2-3)
Geometry	-	-
Tolerance	6GX	6GX
Deep	1,5xd	1,5xd
Reference	216	215

Code Example Ref. 216 M6

020.216TIM60010

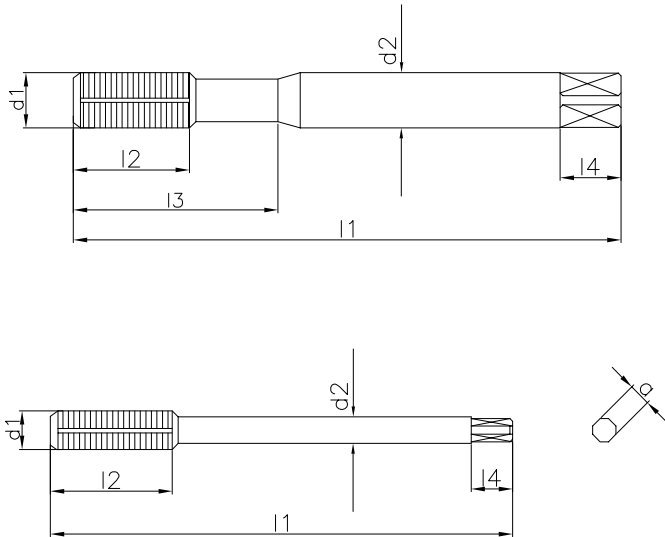
d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	10	18	3,50	2,70	2,50		-
M4	0,70	63	7	21	4,50	3,40	3,30		-
M5	0,80	70	8	25	6,00	4,90	4,20		-
M6	1,00	80	10	30	6,00	4,90	5,00		-
M8	1,25	90	13	35	8,00	6,20	6,80		-
M10	1,50	100	15	39	10,00	8,00	8,50		-
DIN 376 Thin Shank									
M12	1,75	100	18	-	9,00	7,00	10,20		-

*For other measurements and threads please consult price and delivery time

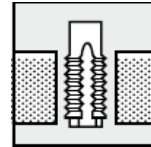
020

ROLLS

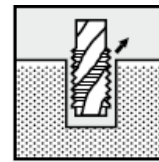
A>12%

DIN
371DIN
376

THROUGH HOLE



BLIND THREAD



Application	020	020
Material	HSSE-PM	HSSE-PM
Coating	TIN	TIN
Entry	C(2-3)	C(2-3)
Geometry	SR	SR
Tolerance	6GX	6GX
Deep	3Xd	3Xd
Reference	218	217

Code Example Ref. 218 M6

020.218TIM60010

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	10	18	3,50	2,70	2,50		-
M4	0,70	63	7	21	4,50	3,40	3,30		-
M5	0,80	70	8	25	6,00	4,90	4,20		-
M6	1,00	80	10	30	6,00	4,90	5,00		-
M8	1,25	90	13	35	8,00	6,20	6,80		-
M10	1,50	100	15	39	10,00	8,00	8,50		-
DIN 376 Thin Shank									
M12	1,75	100	18	-	9,00	7,00	10,20	-	

*For other measurements and threads please consult price and delivery time

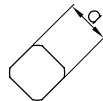
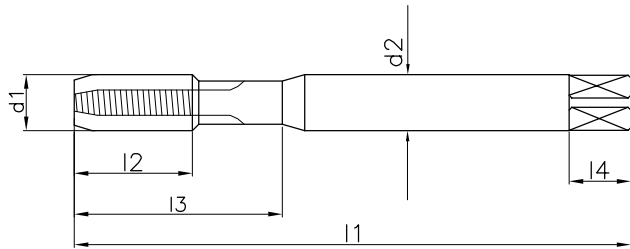
021

COPPER

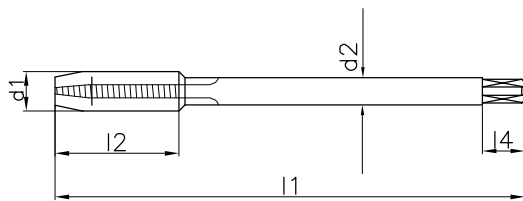
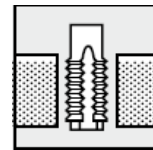
COPPER

BRASS

BRONZE

DIN
371DIN
376

THROUGH HOLE



Application	021	021
Material	HSSE	HSSE
Coating	-	-
Entry	E(1,2-2)	E(1,2-2)
Geometry	-	-
Tolerance	ISO2(6H)	ISO2(6H)
Deep	1,5xd	1,5xd
Reference	190	191

Code Example Ref. 190 M6

021.190LUM60010

d1 mm.	P mm.	l1 mm.	l2 mm.	l3 mm.	d2 mm.	a mm.	Ø HOLE mm.	€	€
DIN 371 Reinforced shank									
M3	0,50	56	11	18	3,50	2,70	2,50		-
M4	0,70	63	13	21	4,50	3,40	3,30		-
M5	0,80	70	16	25	6,00	4,90	4,20		-
M6	1,00	80	19	30	6,00	4,90	5,00		-
M8	1,25	90	22	35	8,00	6,20	6,80		-
M10	1,50	100	24	39	10,00	8,00	8,50		-
DIN 376 Thin Shank									
M8	1,25	90	22	-	6,00	4,90	6,80		
M10	1,50	100	24	-	7,00	5,50	8,50		
M12	1,75	100	22	-	9,00	7,00	10,20		
M14	2,00	110	30	-	11,00	9,00	12,00		
M16	2,00	110	30	-	12,00	9,00	14,00		

*For other measurements and threads please consult price and delivery time



Nuova C.U.M.E.T. Srl - Via Torino, 502
10032 Brandizzo (TO) ITALY
Tel: +39 011 917 95 14/15
Telefax: +39 011 917 95 55/02
www.nuovacumet.it • info@nuovacumet.it

B.A. Machinery
Beijing
Tel: (86)-10-63777466/76
Telefax: (86)-10-63377486
www.nuovacumet.cn • info@nuovacumet.cn

CUMET Tools s.r.o.
Vilová 298/17
46010 – Liberec 10 Czech Republic
Tel: (420) 602232383
www.cumet.cz • cumet@cumet.cz