



Si parla spesso della città di Torino in termini magici e anche esoterici. Con l'espansione dell'Impero Romano a nord della penisola, per volere di Augusto venne fondata nel 28 A.C. Augusta Taurinorum. Città eretta a presidio del confine dell'impero, all'epoca era divisa in una zona est, quella dove sorge il sole e che indicava il lato benigno del territorio, ed una zona ovest, quella dove tramonta il sole e nascono le tenebre. Nella zona ovest venivano sepolti i morti e crocifissi i condannati.

Queste tradizioni si sono tramandate e moltiplicate nel corso dei secoli e ad esse se ne sono aggiunte tante altre. Tutto questo ha contribuito alla fama della cosiddetta "Torino Magica", una città dove si concentrano le forze del bene e del male.

L'aspetto elegante, simmetrico e uniforme della città di sopra si perde nei cunicoli e negli ambienti nascosti della città sotterranea che è molto variegata e ci sono luoghi interessanti da visitare.

Le cripte di alcune chiese barocche, che inglobano le antiche mura romane e che per tanti secoli hanno protetto le salme di defunti di ogni ceto sociale; i mosaici di domus romane, le fondamenta di chiese paleocristiane, le opere militari. La magia di Torino si manifesta nelle innumerevoli gallerie sotterranee, vere e proprie eccellenze progettuali; cunicoli scavati su più livelli e utilizzati nel tempo per diversi motivi.

Come ghiacciaie per il cibo durante l'estate o come passaggi segreti tra i palazzi nobiliari. Sono gli "Infernotti", delle cantine sotto alle cantine, scavate in profondità. Una rete di cunicoli collegava gli Infernotti di altri palazzi. Erano vere e proprie vie di fuga o cammini nascosti per esplorare il ventre di Torino. Oppure utilizzati come strategia offensiva contro gli eserciti nemici durante le battaglie o difensiva in caso di assedi alla cittadella.

L'esempio probabilmente più famoso è quello legato a Pietro Micca. Le sale del Museo a lui intitolato "raccontano" la storia dell'assedio del 1706 da parte dei francesi.

Durante questo lungo assedio Torino resistette e, grazie alle fortificazioni e all'uso delle gallerie, riuscì a tenere testa al nemico francese fino alla battaglia finale che segnò la vittoria degli eserciti piemontese e austriaco. Nella notte tra il 29 e il 30 agosto 1706 alcuni francesi, approfittando del buio, si calarono nel fossato davanti allo sbocco della "capitale alta". Entrati in galleria, cercarono di scendere le scale che portavano alla "capitale bassa" e alla cittadella. A guardia della scala c'era il soldato esperto in mine Pietro Micca, con un compagno. Fu proprio Micca a provocare l'esplosione della scala, fermando sì i francesi, ma perdendo la vita a causa dello scoppio.

Turin is often spoken of in magical, even esoteric terms. With the expansion of the Roman Empire to the north of the Italian peninsula, the city was founded by Augustus in 28 BC as Augusta Taurinorum. It was built to guard the borders of the empire; at the time the city was divided into the eastern section, where the sun rose and the benign side of the territory, and the western section, where the sun set and the shadows came from. The dead were buried and the condemned crucified in the west.

Such traditions have been handed down and multiplied over the centuries, and many others have been added. All this has contributed to the reputation of "magical Turin", a place where the forces of good and evil are strong.

The elegant, symmetrical and uniform appearance of the city above ground is lost in the hidden warren of the underground city, which is enormously varied and offers fascinating places to visit.

The crypts of several Baroque churches, which incorporate the ancient Roman walls and which have preserved the dead of all social levels for centuries; the mosaics of Roman homes, the foundations of early Christian churches, military fortifications. Turin's magic is evident in its countless underground tunnels; and here is real excellence in design, a network carved out at different depths and used for different purposes over time.

Such as ice-houses, making it possible to preserve food during the summer, such as secret tunnels between wealthy residences, which hide many secret places. These are known as the infernotti, cellars dug under cellars. Deep in the ground, they were connected by a network of tunnels. The tunnels were escape routes or hidden passages for exploring the belly of the city. They could be used as a means of attack against enemies during a battle, or defensively in the event of siege.

The most famous example is probably the story of Pietro Micca. The museum dedicated to him tells the story of the siege of 1706 by the French army.

During this long siege, Turin stood firm and, thanks to its fortifications and the use of tunnels, it held off the French until the final battle, won by the Piedmontese and Austrian armies.

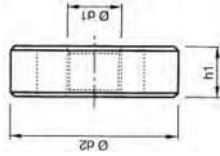
During the night of 29-30 August 1706, a party of French soldiers, concealed by the dark, sneaked into a trench near the access to the upper citadel. Entering the tunnel, they tried to go down the stairs to the lower entrance and the citadel itself.

Guarding the staircase was soldier and explosives expert Pietro Micca and a companion. Micca himself triggered the explosion of the staircase, stopping the French but losing his own life in the process.



Galleria sotterranea, Torino
Underground gallery, Turin





DIN EN 22568



Filiettatura sinistra - LH
Left hand
Filetage Gauche - LH

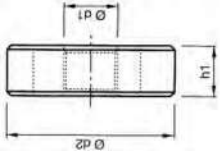


INOX
ACCIAIO INOSSIDABILE
STAINLESS STEEL
ACIER INOXYDABLE

Materiale - Tool Material - Substrat	HSS	HSS	HSS
Imbocco - Chamfer - Entrée	1,75xP	1,75xP	1,75xP
Tolleranza - Thread tolerance - Tolérance du filetage	ISO / 6g	ISO / 6g	ISO / 6g
Treatmento superficiale - Surface treatment - Revêtement			

Ød1 M	P mm	Ød2 mm	h ₁ mm	CODE
2	0,4	16	5	100S99M2
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2,3	0,4	16	5	100S99M2,3
2,5	0,45	16	5	100S99M2,5
2,6	0,45	16	5	100S99M2,6
3	0,5	20	5	100S99M3
3,5	0,6	20	5	100S99M3,5
4	0,7	20	5	100S99M4
4,5	0,75	20	7	100S99M4,5
5	0,8	20	7	100S99M5
6	1	20	7	100S99M6
7	1	25	9	100S99M7
8	1,25	25	9	100S99M8
9	1,25	25	9	100S99M9
10	1,5	30	11	100S99M10
11	1,5	30	11	100S99M11
12	1,75	38	14	100S99M12
14	2	38	14	100S99M14
16	2	45	18	100S99M16
18	2,5	45	18	100S99M18
20	2,5	45	18	100S99M20
22	2,5	55	22	100S99M22
24	3	55	22	100S99M24
27	3	65	25	100S99M27
30	3,5	65	25	100S99M30
33	3,5	65	25	100S99M33
36	4	65	25	100S99M36
39	4	75	30	100S99M39
42	4,5	75	30	100S99M42
45	4,5	90	36	100S99M45
48	5	90	36	100S99M48
52	5	90	36	100S99M52

CODE	100S99M2	100S99M2,2	100S99M2,3	100S99M2,5	100S99M2,6	100S99M3	100S99M3,5	100S99M4	100S99M4,5	100S99M5	100S99M6	100S99M7	100S99M8	100S99M9	100S99M10	100S99M11	100S99M12	100S99M14	100S99M16	100S99M18	100S99M20	100S99M22	100S99M24	100S99M27	100S99M30	100S99M33	100S99M36	100S99M39	100S99M42	100S99M45	100S99M48	100S99M52
100S99M2	100S99M2	100S99M2,2	100S99M2,3	100S99M2,5	100S99M2,6	100S99M3	100S99M3,5	100S99M4	100S99M4,5	100S99M5	100S99M6	100S99M7	100S99M8	100S99M9	100S99M10	100S99M11	100S99M12	100S99M14	100S99M16	100S99M18	100S99M20	100S99M22	100S99M24	100S99M27	100S99M30	100S99M33	100S99M36	100S99M39	100S99M42	100S99M45	100S99M48	100S99M52



DIN EN 22568



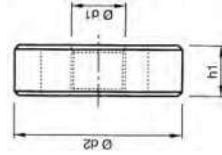
Filiettatura sinistra - LH
Left hand
Filetage Gauche - LH



INOX
ACCIAIO INOSSIDABILE
STAINLESS STEEL
ACIER INOXYDABLE

Materiale - Tool Material - Substrat	HSS	HSS	HSS
Imbocco - Chamfer - Entrée	1,75xP	1,75xP	1,75xP
Tolleranza - Thread tolerance - Tolérance du filetage	ISO / 6g	ISO / 6g	ISO / 6g
Treatmento superficiale - Surface treatment - Revêtement			

Ød1 MF	P mm	Ød2 mm	h ₁ mm	CODE
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2,2	0,25	16	5	110-99M2,2X0,25
2,5	0,35	16	5	110-99M2,5X0,35
3	0,35	20	5	110-99M3X0,35
4	0,5	20	5	110-99M4X0,5
5	0,5	20	5	110-99M5X0,5
6	0,75	20	7	110-99M6X0,75
7	0,75	25	9	110-99M7X0,75
8	0,75	25	9	110-99M8X0,75
9	0,75	25	9	110-99M9X0,75
10	0,75	30	11	110-99M10X0,75
11	1	30	11	110-99M11X1
12	1	30	10	110-99M12X1
12	1,25	38	10	110-99M12X1,25
13	1	38	10	110-99M13X1
13	1,5	38	10	110-99M13X1,5
14	1	38	10	110-99M14X1
14	1,25	38	10	110-99M14X1,25
14	1,5	38	10	110-99M14X1,5
15	1	38	10	110-99M15X1
15	1,5	38	10	110-99M15X1,5
16	1	45	14	110-99M16X1
16	1,25	45	14	110-99M16X1,25
16	1,5	45	14	110-99M16X1,5
18	1	45	14	110-99M18X1
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18	2	45	14	110-99M18X2

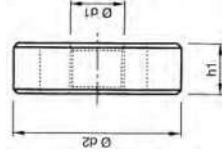


Filettatura sinistra - LH
Left hand
Filetage Gauche - LH



INOX
ACIER INOXYDABLE
STAINLESS STEEL

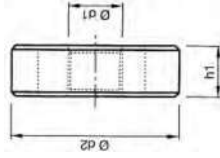
Materiale - Tool Material - Substrat	HSS	HSS	HSSE
Imbocco - Chamfer - Entrée	1,75xP	1,75xP	1,75xP
Tolleranza - Thread tolerance - Tolérance du filetage	ISO / 6g	ISO / 6g	ISO / 6g
Treatment superficiale - Surface treatment - Revêtement			



Materiale - Tool Material - Substrat	HSS	
Imbocco - Chamfer - Entrée	1,75xP	
Tolleranza - Thread tolerance - Tolérance du filetage	ISO / 6g	
Treatment superficiale - Surface treatment - Revêtement		

Ød1 MF	P mm	Ød2 mm	h ₁ mm	CODE
20	1	45	14	110599M20X1
20	1,5	45	14	110599M20X1,5
20	2	45	14	110599M20X2
22	1	55	16	-
22	1,5	55	16	-
22	2	55	16	-
24	1	55	16	-
24	1,5	55	16	-
24	2	55	16	-
25	1	55	16	-
25	1,5	55	16	-
25	2	55	16	-
26	1	55	16	-
26	1,5	55	16	-
26	2	55	16	-
27	1	65	18	-
27	1,5	65	18	-
27	2	65	18	-
28	1	65	18	-
28	1,5	65	18	-
28	2	65	18	-
30	1	65	18	-
30	1,5	65	18	-
30	2	65	18	-
32	1	65	18	-
32	1,5	65	18	-
32	2	65	18	-
33	1	65	18	-
33	1,5	65	18	-
33	2	65	18	-

Ød1 MF	P mm	Ød2 mm	h ₁ mm	CODE
34	1	65	18	110-99M34X1
34	1,5	65	18	110-99M34X1,5
35	1	65	18	110-99M35X1
35	1,5	65	18	110-99M35X1,5
35	2	65	18	110-99M35X2
36	1,5	65	18	110-99M36X1,5
36	2	65	18	110-99M36X2
36	3	65	25	110-99M36X3
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38	1,5	75	20	110-99M38X1,5
38	2	75	20	110-99M38X2
39	1,5	75	20	110-99M39X1,5
39	2	75	20	110-99M39X2
39	3	75	30	110-99M39X3
40	1,5	75	20	110-99M40X1,5
40	2	75	20	110-99M40X2
40	3	75	30	110-99M40X3
42	1,5	75	20	110-99M42X1,5
42	2	75	20	110-99M42X2
42	3	75	30	110-99M42X3
45	1,5	90	22	110-99M45X1,5
45	2	90	22	110-99M45X2
45	3	90	36	110-99M45X3
48	1,5	90	22	110-99M48X1,5
48	2	90	22	110-99M48X2
48	3	90	36	110-99M48X3
50	1,5	90	22	110-99M50X1,5
50	2	90	22	110-99M50X2
50	3	90	36	110-99M50X3
52	1,5	90	22	110-99M52X1,5
52	2	90	22	110-99M52X2
52	3	90	36	110-99M52X3



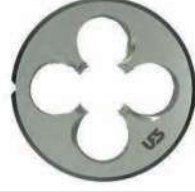
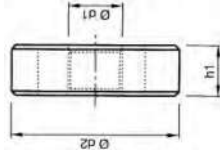
Filettatura sinistra - LH
Left hand
Filetage Gauche - LH

Materiale - Tool Material - Substrat	HSS	HSS
Imbocco - Chamfer - Entrée	1,75xP	1,75xP
Tolleranza - Thread tolerance - Tolérance du filetage	2A	2A
Trattamento superficiale - Surface treatment - Revêtement		

Ød1 UNC	P TPI	Ød ₂ mm	Ød ₃ mm	h ₁ mm
2	56	2,184	16	5
4	40	2,845	20	5
5	40	3,175	20	5
6	32	3,505	20	7
8	32	4,166	20	7
10	24	4,826	20	7
12	24	5,486	20	7
*1/4	20	6,35	25	9
1/4	20	6,35	20	7
5/16	18	7,938	25	9
3/8	16	9,525	30	11
7/16	14	11,113	30	11
1/2	13	12,7	38	14
9/16	12	14,288	38	14
5/8	11	15,875	45	18
3/4	10	19,05	45	18
7/8	9	22,225	55	22
1"	8	25,4	55	22
1" 1/8	7	28,575	65	25
1" 1/4	7	31,75	65	25
1" 1/2	6	38,100	75	30
1" 3/4	5	44,45	90	36
2"	4,5	50,80	90	36

CODE	
300-99U2-56	-
300-99U4-40	300S99U4-40
300-99U5-40	300S99U5-40
300-99U6-32	300S99U6-32
300-99U8-32	300S99U8-32
300-99U10-24	300S99U10-24
300-99U12-24	300S99U12-24
300-99U14	300S99U14
★	★
300-99U5/16	300S99U5/16
300-99U3/8	300S99U3/8
300-99U7/16	300S99U7/16
300-99U1/2	300S99U1/2
300-99U9/16	-
300-99U5/8	-
300-99U3/4	-
300-99U7/8	-
300-99U1 *	-
300-99U1 * 1/8	-
300-99U1 * 1/4	-
300-99U1 * 1/2	-
300-99U1 * 3/4	-
300-99U2 *	-

★ Dimensioni speciali / Special size / Dimensions spéciales
★ Solo a richiesta / Only on request / Sur demande



Filettatura sinistra - LH
Left hand
Filetage Gauche - LH

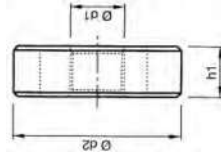
Materiale - Tool Material - Substrat	HSS	HSS
Imbocco - Chamfer - Entrée	1,75xP	1,75xP
Tolleranza - Thread tolerance - Tollerance du filetage	2A	2A
Trattamento superficiale - Surface treatment - Revêtement		

	Od1	P	Ød₁	Ød₂	h₁	
	UNF	TPI	mm	mm	mm	
3	56	2,515	16	5		
4	48	2,845	20	5		
5	44	3,175	20	5		
6	40	3,505	20	5		
8	36	4,166	20	7		
10	32	4,826	20	7		
12	28	5,486	20	7		
*1/4	28	6,35	25	9		
1/4	28	6,35	20	7		
5/16	24	7,938	25	9		
3/8	24	9,525	30	11		
7/16	20	11,113	30	11		
1/2	20	12,7	38	10		
9/16	18	14,288	38	10		
5/8	18	15,875	45	14		
3/4	16	19,05	45	14		
7/8	14	22,225	55	16		
1"	12	25,4	55	16		
1" 1/8	12	28,575	65	18		
1" 1/4	12	31,75	65	18		
1" 1/2	12	38,100	75	20		

★ Dimensioni speciali / Special size / Dimensions spéciales
★ Solo a richiesta / Only on request / Sur demande

ISO 228

(BSPT) ISO 7-1



DIN EN 24231



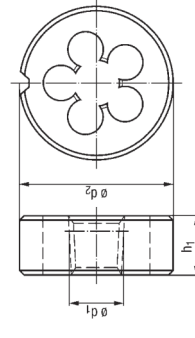
Filettatura sinistra - LH
Left hand



INOX
ACCIAIO INOSSIDABILE
STAINLESS STEEL
ACIER INOXYDABLE

	HSS	HSS	HSSE
Materiale - Tool Material - Substrat			
Imbocco - Chamfer - Entrée	HSS 1,75xP	HSS 1,75xP	HSSE 1,75xP
Tolleranza - Thread tolerance - Tolérance du filetage	A	A	A
Trattamento superficiale - Surface treatment - Revêtement			

Trattamento superficiale - Surface treatment - Revêtement



DIN EN 24230



Material - Tool Material - Substrat

Imbocco - Chamfer - Entrée

Tolleranza - Thread tolerance - Tolerancia de fileteado

Trattamento superficiale - Surface treatment - Revêtement

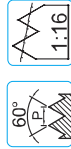
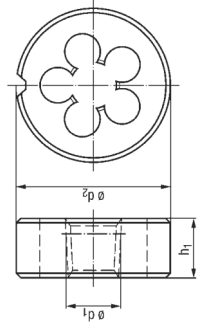
Ød1	P	Ød ₂	h ₁
GA5	TPI	mm	mm
1/8	28	9,73	30
1/4	19	13,16	38
3/8	19	16,66	45
1/2	14	20,96	45
5/8	14	22,91	55
3/4	14	26,44	55
7/8	14	30,2	65
1"	11	33,25	65
1 1/8	11	37,9	75
1 1/4	11	41,91	75
1 3/8	11	44,32	90
1 1/2	11	47,8	90
* 1" 3/4	11	53,75	105
1" 3/4	11	53,75	90
2"	11	59,61	105

★ Dimensioni speciali / Special size / Dimensions spéciales

★ Solo a richiesta / Only on request / Sur demande

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~ DIN EN 22568



Materiale - Tool Material - Substrat		HSS	
Imbocco - Chamfer - Entrée		1,75xP	
Tolleranza - Thread tolerance - Tolérance du filetage		-	
Trattamento superficiale - Surface treatment - Revêtement			

Ød1 NPT	P TPI	Ød ₂ mm	h ₁ mm	CODE
1/16	27	10	11	420-99NPT1/16
1/8	27	10	10	420-99NPT1/8
1/8	27	10	14	*
1/4	18	15	14	420-99NPT1/4
3/8	18	15,3	16	420-99NPT3/8
1/2	14	20	16	420-99NPT1/2
3/4	14	20,2	18	420-99NPT3/4
3/4	14	20,2	18	*
1"	11,5	25	20	420-99NPT1"
1" 1/4	11,5	25,6	20	420-99NPT1" 1/4
1" 1/2	11,5	26	22	420-99NPT1" 1/2
2"	11,5	26,9	22	420-99NPT2"

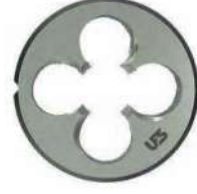
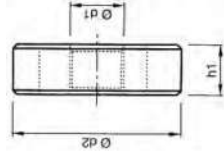
* ANSI/ASME B1.20.1

Ød1 NPTF	P TPI	Ød ₂ mm	h ₁ mm	CODE
1/16	27	25	11	430-99NPTF1/16
1/8	27	38	10	430-99NPTF1/8
1/4	18	38	15	430-99NPTF1/4
3/8	18	45	15	430-99NPTF3/8
1/2	14	45	20	430-99NPTF1/2
3/4	14	65	20,2	430-99NPTF3/4
3/4	14	55	20,2	*
1"	11,5	65	25	430-99NPTF1"

* ANSI/ASME B1.20.3

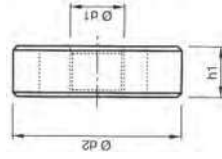
★ Solo a richiesta / Only on request / Sur demande

DIN EN 22568



Materiale - Tool Material - Substrat		HSS	
Imbocco - Chamfer - Entrée		1,75xP	
Tolleranza - Thread tolerance - Tolérance du filetage		Medium class	
Trattamento superficiale - Surface treatment - Revêtement			

Ød1 BSW	P TPI	Ød ₂ mm	h ₁ mm	CODE
1/8	40	3,175	20	5
5/32	32	3,969	20	5
3/16	24	4,762	20	7
7/32	24	5,556	20	7
1/4	20	6,35	25	9
5/16	18	7,938	25	9
3/8	16	9,525	30	11
7/16	14	11,113	30	11
1/2	12	12,7	38	14
9/16	12	14,288	38	14
5/8	11	15,876	45	18
3/4	10	19,051	45	18
7/8	9	22,226	55	22
1"	8	25,4	55	22
1" 1/8	7	28,576	65	25
1" 1/4	7	31,751	65	25
1" 1/2	6	38,101	75	30

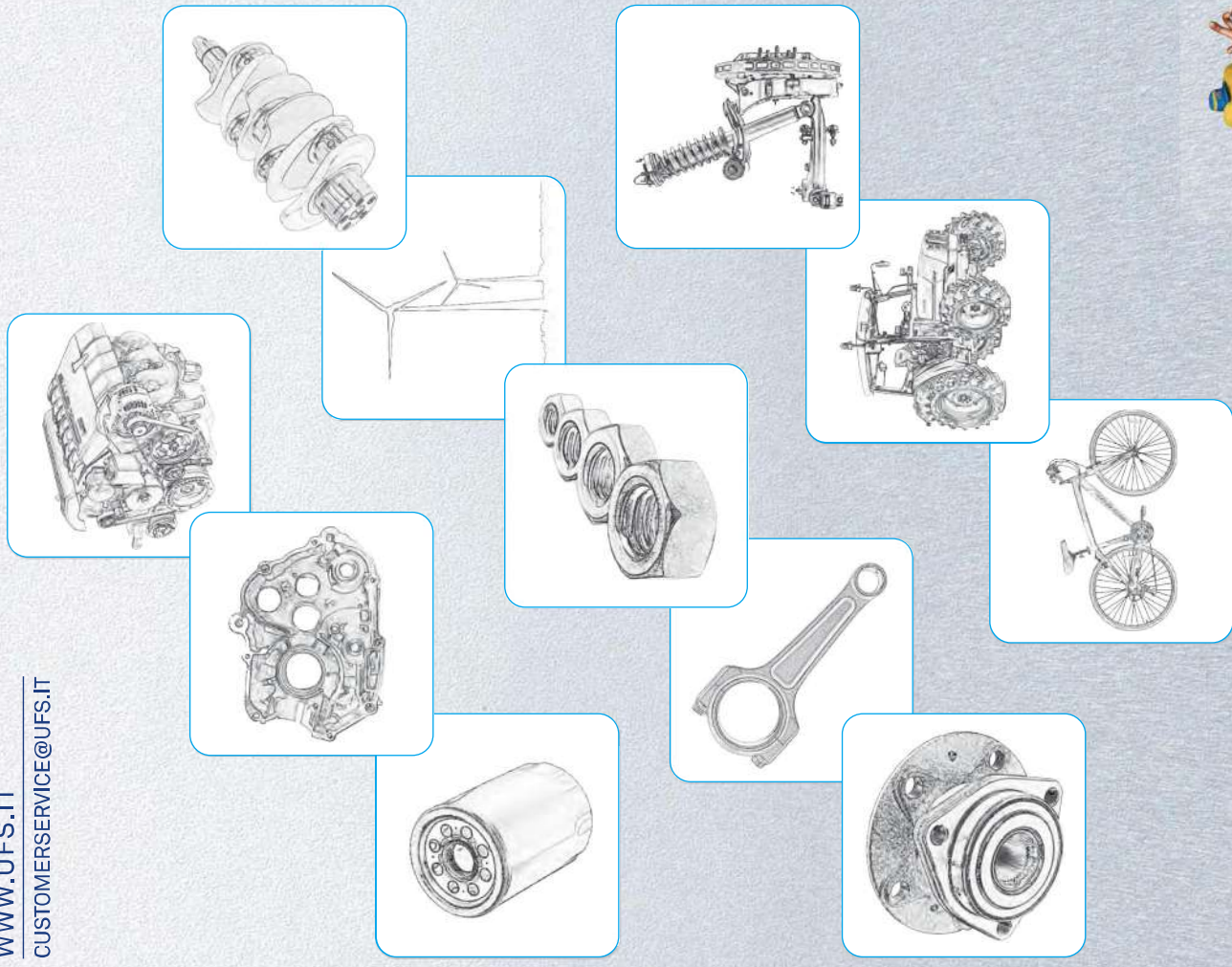


DIN EN 22568

Materiale - Tool Material - Substrat	HSS	
Imbocco - Chamfer - Entrée	1,75xP	
Tolleranza - Thread tolerance - Tolerance du filetage	-	
Trattamento superficiale - Surface treatment - Revêtement		

Ød1 PG	P TPI	Ød1 mm	Ød2 mm	h1 mm
7	20	12,5	38	14
9	18	15,20	38	14
11	18	18,60	45	14
13,5	18	20,40	45	14
16	18	22,50	55	16
21	16	28,30	65	18
29	16	37	65	18
36	16	47	90	22
42	16	54	105	22
48	16	59,3	105	22

★ Solo a richiesta / Only on request / Sur demande



SPECIAL APPLICATIONS

THREADING TOOLS ITALIAN MANUFACTURER

