02

MASCHI TRADIZIONALI
TAPS

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02

MASCHI TRADIZIONALI
TAPS

B.02.01

Guida alla selezione dell'utensile
Tool selection guide

ILIX PRECISION

	Descrizione famiglia prodotto | Family product description

▸ HSS ▸ HSS-Co

N **p. 485, 489, 493**	**Maschi a mano e macchina in HSS, HSS-Co a scanalature dritte per fori passanti e ciechi, idonei per lavorazioni di acciaio, Alluminio e materiale non ferroso.** HSS-Co straight flute hand taps and machine taps for steel, Aluminium and non ferrous materials through and blind holes.
VA **p. 487, 490 500**	**Maschi a mano e macchina in HSS-Co a scanalature dritte ed imbocco corretto per fori passanti, idonei per lavorazioni di acciaio inossidabile, leghe di Alluminio e materiale non ferroso.** HSS-Co spiral pointed hand and machine taps for stainless steel, Aluminium alloy and non ferrous materials through holes.

▸ HSS-Co

RAPID **p. 489, 491**	**Maschi a macchina in HSS-Co a scanalature dritte ed imbocco corretto per fori passanti, idonei per lavorazioni di acciaio fino a 1000 N/mm^2 e leghe di Alluminio con Si < 12%.** HSS-Co machine taps with straight flute and spiral pointed, for steel with tensile strength up to 1000 N/mm^2 and Aluminium alloy with silicon < 12% through holes.
RAPID 2 **p. 493**	**Maschi a macchina in HSS-Co a 2 taglienti dritti ed imbocco corretto per fori passanti, idonei per lavorazioni di Alluminio e materiale non ferroso.** HSS-Co machine taps with straight flute and spiral pointed, two cutting edges for Aluminium with tensile strength up to 800 N/mm^2 and non ferrous materials through holes.
N SX **p. 495**	**Maschi a macchina in HSS-Co a scanalature dritte, filettatura sinistra per fori passanti e ciechi, idonei per lavorazioni di acciaio, Alluminio e materiale non ferroso.** HSS-Co machine taps, left hand thread with straight flute for steel, Aluminium and non ferrous materials through and blind holes.
N 15° **p. 489, 497**	**Maschi a macchina in HSS-Co elica 15° per fori ciechi, idonei per lavorazioni di acciaio fino a 1000 N/mm^2 leghe di Alluminio con Si < 12%.** HSS-Co machine taps with 15° flute, for steel up to 1000 N/mm^2 and Aluminium alloy with silicon <12% blind holes.
NL 15° **p. 495**	**Maschi a macchina in HSS-Co taglio destro, elica 15° a sinistra per fori passanti, idonei per lavorazioni di acciaio fino a 800 N/mm^2, ghisa sferoidale.** HSS-Co machine taps with 15° left flute, right cutting, for steel up to 1000 N/mm^2, Aluminium and long chip nodular cast iron through holes.
N 40° **p. 489, 497**	**Maschi a macchina in HSS-Co elica 40° per fori ciechi, idonei per lavorazioni di acciaio fino a 1000 N/mm^2 leghe di Alluminio con Si < 12%.** HSS-Co machine taps with 40° flute, for steel up to 1000 N/mm^2 and Aluminium alloy with silicon <12% blind holes.
N SX 40° **p. 500**	**Maschi a macchina in HSS-Co elica 40°, filettatura sinistra per fori passanti e ciechi in acciaio, idonei per lavorazioni di Alluminio e materiale non ferroso.** HSS-Co machine taps, left hand thread with 40° flute for steel, Aluminium and non ferrous materials through and blind holes.

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	Descrizione famiglia prodotto | Family product description

▸ HSS-Co

VA 15° **p. 490, 502**	**Maschi a macchina in HSS-Co elica 15° per fori ciechi, idonei per lavorazioni di acciaio inossidabile, leghe di Alluminio e materiale non ferroso.** HSS-Co machine taps with 15° flute, for stainless steel, Aluminium alloy and non ferrous materials blind holes.
VA i 15° **p. 502**	**Maschi a macchina in HSS-Co elica 15° con foro di lubrificazione assiale per fori ciechi, idonei per lavorazioni di acciaio inossidabile, leghe di Alluminio e materiale non ferroso.** HSS-Co machine taps with 15° flute, with axial internal coolant for stainless steel, Aluminium alloy and non ferrous materials blind holes.
VA 35° **p. 503**	**Maschi a macchina in HSS-Co elica 35° per fori ciechi, idonei per lavorazioni di acciaio inossidabile, leghe di Alluminio e materiale non ferroso.** HSS-Co machine taps with 35° flute, for stainless steel, Aluminium alloy and non ferrous materials blind holes.
VR 35° **p. 504**	**Maschi a macchina in HSS-Co rastremati elica 35° per fori ciechi, idonei per lavorazioni di acciaio inossidabile.** HSS-Co machine taps with 35° flute tapered, for stainless steel blind holes.
VR 50° **p. 505**	**Maschi a macchina in HSS-Co rastremati elica 50° per fori ciechi, idonei per lavorazioni di acciaio inossidabile.** HSS-Co machine taps with 50° flute tapereds, for stainless steel blind holes.
HD **p. 506**	**Maschi a macchina in HSS-Co a scanalature dritte per fori passanti e ciechi, idonei per lavorazioni di acciaio legato e bonificato fino a 1300 N/mm².** HSS-Co machine taps with straight flute for alloy and hardened steel with tensile strenght up to 1300 N/mm² through and blind holes.
HD 15° **p. 507**	**Maschi a macchina in HSS-Co elica 15° per fori ciechi, idonei per lavorazioni di acciaio legato e bonificato fino a 1300 N/mm².** HSS-Co machine taps with 15° flute for alloy and hardened steel with tensile strenght up to 1300 N/mm² blind holes.
HD 40° **p. 508**	**Maschi a macchina in HSS-Co elica 40° per fori ciechi, idonei per lavorazioni di acciaio legato e bonificato fino a 1300 N/mm².** HSS-Co machine taps with 40° flute for alloy and hardened steel with tensile strenght up to 1300 N/mm² blind holes.
HR 40° **p. 508**	**Maschi a macchina in HSS-Co rastremati elica 40° per fori ciechi, idonei per lavorazioni di acciaio legato e bonificato fino a 1300 N/mm².** HSS-Co machine taps with 40° flute tapered, for alloy and hardened steel with tensile strenght up to 1300 N/mm² blind holes.
GG **p. 509**	**Maschi a macchina in HSS-Co a scanalature dritte per fori passanti e ciechi, idonei per lavorazioni di ghisa grigia, ghisa sferoidale e materiali termoresistenti.** HSS-Co machine taps with straight flute for grey cast iron, nodular cast iron and heat-resistant materials through and blind holes.

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	Descrizione famiglia prodotto | Family product description

▸ HSS-Co

MULTI GG i p. 509	**Maschi a macchina in HSS-Co a scanalature dritte con foro di lubrificazione assiale per fori passanti e ciechi, idonei per lavorazioni di ghisa grigia, ghisa sferoidale e materiali termoresistenti.** HSS-Co machine taps with straight flute, with axial internal coolant, for grey cast iron, nodular cast iron and heat-resistant materials through and blind holes.
AZ p. 490, 510	**Maschi a macchina in HSS-Co a taglienti alternati per fori passanti e ciechi, idonei per lavorazioni di Alluminio e materiale non ferroso.** HSS-Co machine taps with alternating cutting edges for Aluminium and non ferrous materials through and blind holes.
AZ 35° p. 510	**Maschi a macchina in HSS-Co elica 35° a taglienti alternati per fori ciechi, idonei per lavorazioni di Alluminio e materiale non ferroso.** HSS-Co machine taps with 35° flute angle alternating cutting edges for Aluminium and non ferrous materials blind holes.
ALU p. 511	**Maschi a macchina in HSS-Co a scanalature dritte per fori passanti, idonei per lavorazioni di Alluminio e materiale non ferroso.** HSS-Co machine taps with straight flute for Aluminium and non ferrous materials through holes.
ALU 45° p. 511	**Maschi a macchina in HSS-Co elica 45° per fori ciechi, idonei per lavorazioni di Alluminio e materiale non ferroso.** HSS-Co machine taps with 45° flute angle for Aluminium and non ferrous materials blind holes.
BAK p. 512	**Maschi a macchina in HSS-Co a scanalature dritte per fori passanti e ciechi , idonei per lavorazioni di bachelite.** HSS-Co machine taps with straight flute for bakelite through and blind holes.
ULTRA p. 512	**Maschi a macchina in HSS-Co a scanalature dritte per fori passanti, idonei per lavorazioni di lamiere 1xD.** HSS-Co machine taps with straight flute with depth up to 1xD on sheet metal through holes.
ULTRA S p. 512	**Maschi a macchina in HSS-Co a scanalature dritte per fori passanti, idonei per lavorazioni di lamiere 1,5xD.** HSS-Co machine taps with straight flute with depth up to 1,5xD on sheet metal through holes
Ti p. 488	**Maschi a mano in HSS-Co idonei per fori passanti e ciechi, idonei per lavorazioni di lega di Titanio.** HSS-Co hand taps for Titanium alloy through and blind holes.
MS p. 490	**Maschi a macchina in HSS-Co a scanalature dritte per fori passanti e ciechi, idonei per lavorazioni di ottone.** HSS-Co machine taps with straight flute for brass through and blind holes.

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HSS-Co

EG (M) p. 512	**Maschi a macchina in HSS-Co per filetti riportati (Helicoil), fori passanti, idonei per lavorazioni di leghe di Alluminio.** HSS-Co machine taps for wire thread inserts (Helicoil) for steel and Aluminium alloys through holes.
EG (M) 40° p. 513	**Maschi a macchina in HSS-Co elica 40° per filetti riportati (Helicoil), fori ciechi, idonei per lavorazioni di leghe di Alluminio.** HSS-Co machine taps for wire thread inserts (Helicoil) with 40° flute angle for steel and Aluminium alloys blind holes.
TR p. 488, 514	**Maschi a mano e macchina in HSS-Co a profilo trapezoidale per fori passanti e ciechi, idonei per lavorazioni generiche.** HSS-Co hand and machine taps with trapezoidail thread for machining for general purpose applications through and blind holes.

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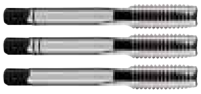
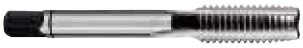
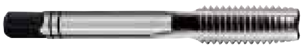
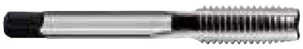
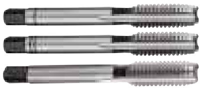
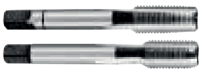
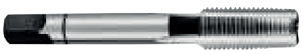
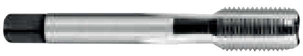
HSS-Co

FORMER p. 514	**Maschi a rullare HSS-Co per fori passanti e ciechi, idonei per lavorazioni generiche di materiali con coefficiente di allungamento ≥ 10% e Rm ≤ 1000 N/mm².** HSS-Co cold forming taps for machining general purpose applications in all materials with tensile strenght ≥ 10% e Rm ≤ 1000 N/mm², through and blind holes.
FORMER S p. 515	**Maschi a rullare in HSS-Co con canalini di lubrificazione per fori passanti e ciechi, idonei per lavorazioni generiche di materiali con coefficiente di allungamento ≥ 10% e Rm ≤ 1000 N/mm².** HSS-Co cold forming taps with oil grooves for machining general purpose applications in all materials with tensile strenght ≥ 10% e Rm ≤ 1000 N/mm², through and blind holes.

ILIX PRECISION

▸ N
(maschi a mano | hand taps)

Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page
6615	 SET	HSS	M DIN 13	352 DIN		0°	6H	-	-	1 ÷ 68	●	●	●	●	○	-	520
6615P		HSS	M DIN 13	352 DIN		0°	6H	A 5-6	-	1 ÷ 68	●	●	●	●	○	-	520
6615S		HSS	M DIN 13	352 DIN		0°	6H	D 3-4	-	1 ÷ 68	●	●	●	●	○	-	520
6615T		HSS	M DIN 13	352 DIN		0°	6H	C 2,5-3	-	1 ÷ 68	●	●	●	●	○	-	520
6618	 SET	HSS	M DIN 13	352 DIN		0°	6H	-	-	3 ÷ 20	●	●	●	●	○	-	520
6618P	Direzione taglio sinistro Left cutting direction 	HSS	M DIN 13	352 DIN		0°	6H	A 5-6	-	3 ÷ 20	●	●	●	●	○	-	520
6618S	Direzione taglio sinistro Left cutting direction 	HSS	M DIN 13	352 DIN		0°	6H	D 3-4	-	3 ÷ 20	●	●	●	●	○	-	520
6618T	Direzione taglio sinistro Left cutting direction 	HSS	M DIN 13	352 DIN		0°	6H	C 2,5-3	-	3 ÷ 20	●	●	●	●	○	-	520
6633	 SET	HSS	MF DIN 13	2181 DIN		0°	6H	-	-	2 ÷ 52	●	●	●	●	○	-	568
6633P		HSS	MF DIN 13	2181 DIN		0°	6H	A 5-6	-	2 ÷ 52	●	●	●	●	○	-	568
6633T		HSS	MF DIN 13	2181 DIN		0°	6H	C 2,5-3	-	2 ÷ 52	●	●	●	●	○	-	568

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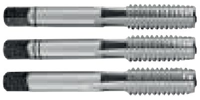
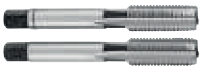
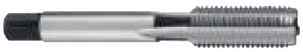
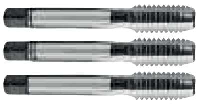
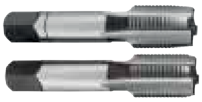
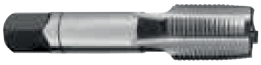
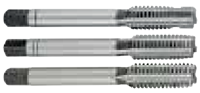
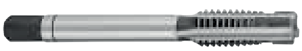
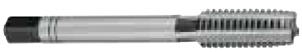
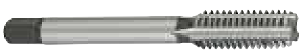
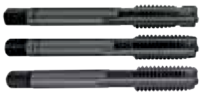
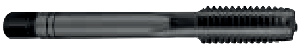
▸ N
(maschi a mano | hand taps)

Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page
6775	 **SET**	HSS	UNC ASME B.1.1	2184 2 DIN		0°	2B	-	-	nr.1-64 ÷ 2"						-	585
6775P		HSS	UNC ASME B.1.1	2184 2 DIN		0°	2B	A 5-6	-	nr.1-64 ÷ 2"						-	585
6775S		HSS	UNC ASME B.1.1	2184 2 DIN		0°	2B	D 3-4	-	nr.1-64 ÷ 2"						-	585
6775T		HSS	UNC ASME B.1.1	2184 2 DIN		0°	2B	C 2,5-3	-	nr.1-64 ÷ 2"						-	585
6776	 **SET**	HSS	UNF ASME B.1.1	2184 2 DIN		0°	2B	-	-	nr.1-72 ÷ 1 1/2						-	595
6776P		HSS	UNF ASME B.1.1	2184 2 DIN		0°	2B	A 5-6	-	nr.1-72 ÷ 1 1/2						-	595
6776T		HSS	UNF ASME B.1.1	2184 2 DIN		0°	2B	C 2,5-3	-	nr.1-72 ÷ 1 1/2						-	595
6603	 **SET**	HSS	BSW DIN 11	-352 DIN		0°	-	-	-	1/16 ÷ 2"						-	605
6603P		HSS	BSW DIN 11	2184 2 DIN		0°	-	A 5-6	-	1/16 ÷ 2"						-	605
6603S		HSS	BSW DIN 11	2184 2 DIN		0°	-	D 3-4	-	1/16 ÷ 2"						-	605
6603T		HSS	BSW DIN 11	2184 2 DIN		0°	-	C 2,5-3	-	1/16 ÷ 2"						-	605

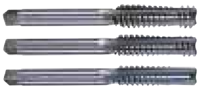
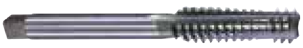
Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page
▸ N (**maschi a mano** | hand taps)																	
6627	 **SET**	HSS	G (BSP) DIN EN ISO 228	2184 2 DIN	▥	0°	-	-	-	1/8 ÷ 2"	🟦	🟨	🟥	🟩	□	-	**609**
6627P		HSS	G (BSP) DIN EN ISO 228	2184 2 DIN	▥	0°	-	A 5-6	-	1/8 ÷ 2"	🟦	🟨	🟥	🟩	□	-	**609**
6627T		HSS	G (BSP) DIN EN ISO 228	2184 2 DIN	▥	0°	-	C 2,5-3	-	1/8 ÷ 2"	🟦	🟨	🟥	🟩	□	-	**609**
▸ N (**SET maschi a mano** | hand taps SET)																	
6608 3/12		SET Maschi a mano in serie di 3 pezzi in cassetta metallica Hand taps SET, series in set of 3 pieces in metal cases															
		HSS	M DIN 13	352 DIN	▥	0°	6H	-	-	3 ÷ 12	🟦	🟨	🟥	🟩	□	-	**524**
6609 3/12		SET Maschi a mano in serie di 3 pezzi e relative misure di punte (DIN 338) per preforatura. Hand taps SET, series in set of 3 pieces and twist drills for tap drill hole according to DIN 338.															
		HSS	M DIN 13	352 DIN	▥	0°	6H	-	-	3 ÷ 12	🟦	🟨	🟥	🟩	□	-	**525**
▸ VA (**maschi a mano** | hand taps)																	
6614	 **SET**	HSS-Co	M DIN 13	352 DIN	▥	0°	6HX	-	-	2 ÷ 20	□	🟨	-	🟩	□	-	**521**
6614P		HSS-Co	M DIN 13	352 DIN	▥	0°	6HX	A 5-6	-	2 ÷ 20	□	🟨	-	🟩	□	-	**521**
6614S		HSS-Co	M DIN 13	352 DIN	▥	0°	6HX	D 3-4	-	2 ÷ 20	□	🟨	-	🟩	□	-	**521**
6614T		HSS-Co	M DIN 13	352 DIN	▥	0°	6HX	C 2,5-3	-	2 ÷ 20	□	🟨	-	🟩	□	-	**521**

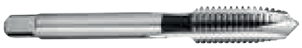
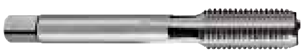
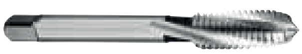
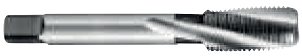
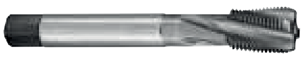
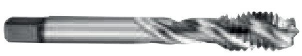
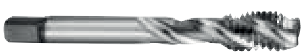
Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page

▸ Ti
(maschi a mano | hand taps)

6625	 **SET**	HSS-Co	M DIN 13	352 DIN		0°	6HX	-	NIT	2 ÷ 20	-		-	-		-	**521**
6625P		HSS-Co	M DIN 13	352 DIN		0°	6HX	A 5-6	NIT	2 ÷ 20	-		-	-		-	**521**
6625S		HSS-Co	M DIN 13	352 DIN		0°	6HX	D 3-4	NIT	2 ÷ 20	-		-	-		-	**521**
6625T		HSS-Co	M DIN 13	352 DIN		0°	6HX	C 2,5-3	NIT	2 ÷ 20	-		-	-		-	**521**

▸ TR
(maschi a mano | hand taps)

6937	 **SET**	HSS-Co	TR	103 DIN		0°	7H	-	-	10 ÷ 30		-			-	-	**628**
6937P		HSS-Co	TR	103 DIN		0°	7H	A 5-6	-	10 ÷ 30		-			-	-	**628**
6937S		HSS-Co	TR	103 DIN		0°	7H	D 3-4	-	20		-			-	-	**628**
6937T		HSS-Co	TR	103 DIN		0°	7H	C 2,5-3	-	10 ÷ 30		-			-	-	**628**

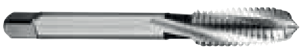
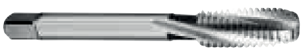
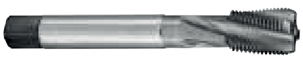
Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page
▸ RAPID (Maschi a macchina corti | Short machine taps)																	
6679		HSS-Co	M DIN 13	352 DIN		0°	6H	B 4-5	-	2 ÷ 20	■	□	□	■	-	-	**526**
▸ N (Maschi a macchina corti | Short machine taps)																	
6678		HSS-Co	M DIN 13	352 DIN		0°	6H	C 2,5-3	-	2 ÷ 20	■	-	□	□	-	-	**526**
6899		HSS-Co	MF DIN 13	2181 DIN		0°	6H	C 2,5-3	-	6 ÷ 20	■	-	□	□	-	-	**570**
6858		HSS-Co	G (BSP) DIN EN ISO 228	2184 2 DIN		0°	-	C 2,5-3	-	1/16 ÷ 1 1/4	■	-	□	□	-	-	**610**
▸ N 15° (Maschi a macchina corti | Short machine taps)																	
6659		HSS-Co	M DIN 13	352 DIN		15°	6H	C 2,5-3	-	3 ÷ 20	■	-	□	■	-	-	**526**
6656		HSS-Co	MF DIN 13	2181 DIN		15°	6H	C 2,5-3	-	5 ÷ 18	■	-	□	■	-	-	**570**
6905		HSS-Co	G (BSP) DIN EN ISO 228	2184 2 DIN		15°	ISO 228 +0,1	E 1-2	-	1/4 ÷ 3/4	■	-	□	■	-	-	**610**
▸ N 40° (Maschi a macchina corti | Short machine taps)																	
6639		HSS-Co	M DIN 13	352 DIN		40°	6H	C 2,5-3	-	3 ÷ 20	■	-	□	■	-	-	**526**
6604		HSS-Co	M DIN 13	352 DIN		40°	6H	E 1,5-2	-	3 ÷ 24	■	-	□	■	-	-	**526**
66046G		HSS-Co	M DIN 13	352 DIN		40°	6G	C 2,5-3	-	3 ÷ 12	■	-	□	■	-	-	**526**

Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page

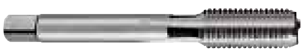
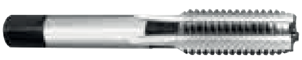
▸ VA
(Maschi a macchina corti | Short machine taps)

Codice Utensile | Tool code		Materiale utensile	Tipologia filetto	DIN	Tipologia foro	Angolo elica	Tolleranza	Forma imbocco	Rivestimento	Gamma diametri	P	M	K	N	S	H	Pagina utensile
6857		HSS-Co	G (BSP) DIN EN ISO 228	2184 2 DIN		0°	-	C 2,5-3	-	1/16 ÷ 1 1/2			-			-	**611**

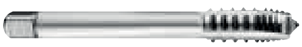
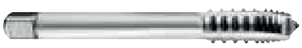
▸ VA 15°
(Maschi a macchina corti | Short machine taps)

Codice Utensile | Tool code		Materiale utensile	Tipologia filetto	DIN	Tipologia foro	Angolo elica	Tolleranza	Forma imbocco	Rivestimento	Gamma diametri	P	M	K	N	S	H	Pagina utensile
6648		HSS-Co	M DIN 13	352 DIN		15°	6HX	C 2,5-3	-	3 ÷ 16			-			-	**527**
6612		HSS-Co	M DIN 13	352 DIN		15°	6HX	E 1,5-2	-	3 ÷ 16			-			-	**527**
6951		HSS-Co	G (BSP) DIN EN ISO 228	2184 2 DIN		15°	-	E 1-2	-	1/16 ÷ 1"			-			-	**610**

▸ MS
(Maschi a macchina corti | Short machine taps)

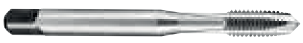
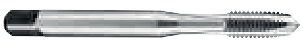
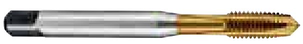
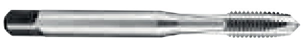
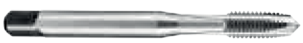
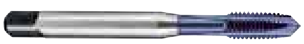
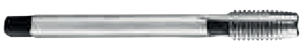
Codice Utensile | Tool code		Materiale utensile	Tipologia filetto	DIN	Tipologia foro	Angolo elica	Tolleranza	Forma imbocco	Rivestimento	Gamma diametri	P	M	K	N	S	H	Pagina utensile
6624		HSS-Co	M DIN 13	352 DIN		0°	6H	E 1,5-2	-	2 ÷ 12	-	-	-		-	-	**527**
6724		HSS-Co	MF DIN 13	2181 DIN		0°	6H	C 2,5-3	-	4 ÷ 12	-	-	-		-	-	**570**
6913		HSS-Co	G (BSP) DIN EN ISO 228	2184 2 DIN		0°	-	E 1,5-2	-	1/16 ÷ 1 1/2	-	-	-		-	-	**610**

▸ AZ
(Maschi a macchina corti | Short machine taps)

Codice Utensile | Tool code		Materiale utensile	Tipologia filetto	DIN	Tipologia foro	Angolo elica	Tolleranza	Forma imbocco	Rivestimento	Gamma diametri	P	M	K	N	S	H	Pagina utensile
6621		HSS-Co	M DIN 13	352 DIN		0°	6H	C 2,5-3	-	3 ÷ 16			-		-	-	**527**
6613		HSS-Co	M DIN 13	352 DIN		0°	6H	B 4-5	-	3 ÷ 16			-		-	-	**527**

B 02

▸ RAPID
(Maschi a macchina | Machine taps)

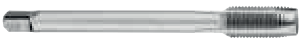
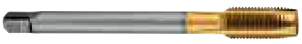
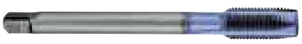
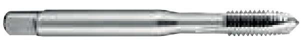
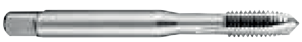
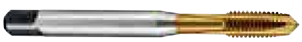
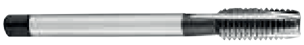
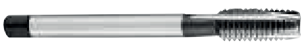
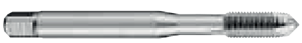
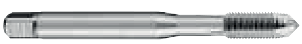
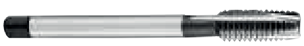
Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page
6707		HSS-Co	M DIN 13	371 DIN		0°	6H	B 4-5	-	2 ÷ 10	●	○	○	●	-	-	536
6707VP		HSS-Co	M DIN 13	371 DIN		0°	6H	B 4-5	VAP	2 ÷ 10	●	○	○	●	-	-	536
67076G		HSS-Co	M DIN 13	371 DIN		0°	6G	B 4-5	-	2 ÷ 10	●	○	○	●	-	-	536
6707TN*		HSS-Co	M DIN 13	371 DIN		0°	6H	B 4-5	TiN	2 ÷ 10	●	○	○	●	-	-	537
67074H		HSS-Co	M DIN 13	371 DIN		0°	4H	B 4-5	-	2 ÷ 10	●	○	○	●	-	-	536
67077G		HSS-Co	M DIN 13	371 DIN		0°	7G	B 4-5	-	2 ÷ 10	●	○	○	●	-	-	536
6707TC		HSS-Co	M DIN 13	371 DIN		0°	6H	B 4-5	TiCN	2 ÷ 10	●	○	○	●	-	-	537
6711		HSS-Co	M DIN 13	376 DIN		0°	6H	B 4-5	-	2 ÷ 52	●	○	○	●	-	-	554
6711VP		HSS-Co	M DIN 13	376 DIN		0°	6H	B 4-5	VAP	2 ÷ 52	●	○	○	●	-	-	554
67116G		HSS-Co	M DIN 13	376 DIN		0°	6G	B 4-5	-	2 ÷ 36	●	○	○	●	-	-	554
6711TN		HSS-Co	M DIN 13	376 DIN		0°	6H	B 4-5	TiN	6 ÷ 30	●	○	○	●	-	-	554
6711TC		HSS-Co	M DIN 13	376 DIN		0°	6H	B 4-5	TiCN	6 ÷ 30	●	○	○	●	-	-	555
67117G		HSS-Co	M DIN 13	376 DIN		0°	7G	B 4-5	-	12 ÷ 24	●	○	○	●	-	-	555

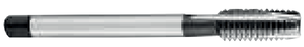
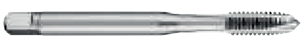
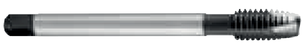
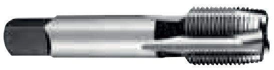
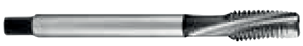
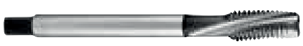
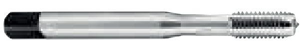
* **Per tolleranza 6G codice d'ordine 6707TN (6G)** | For **6G** tolerance, order code **6707TN (6G)**

B 02

B 02

▸ RAPID
(Maschi a macchina | Machine taps)

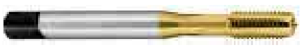
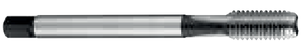
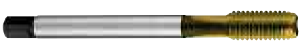
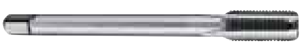
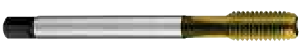
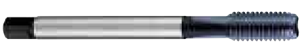
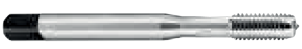
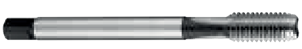
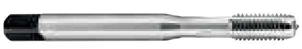
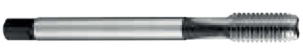
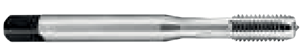
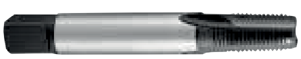
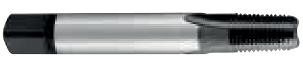
Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page
6730		HSS-Co	MF DIN 13	374 DIN		0°	6H	B 4-5	-	3 ÷ 52	●	○	○	●	-	-	580
6730VP		HSS-Co	MF DIN 13	374 DIN		0°	6H	B 4-5	VAP	3 ÷ 52	●	○	○	●	-	-	580
6730TN		HSS-Co	MF DIN 13	374 DIN		0°	6H	B 4-5	TiN	3 ÷ 52	●	○	○	●	-	-	580
6730TC		HSS-Co	MF DIN 13	374 DIN		0°	6H	B 4-5	TiCN	3 ÷ 52	●	○	○	●	-	-	580
6690		HSS-Co	UNC ASME B.1.1	2184 -1 DIN		0°	2B	B 4-5	-	nr.1-64 ÷ 3/8	●	○	○	●	-	-	588
66903B		HSS-Co	UNC ASME B.1.1	2184 -1 DIN		0°	3B	B 4-5	-	nr.4-40 ÷ 3/8	●	○	○	●	-	-	588
6690TN		HSS-Co	UNC ASME B.1.1	2184 -1 DIN		0°	2B	B 4-5	TiN	nr.16-4 ÷ 3/8	●	○	○	●	-	-	588
6693		HSS-Co	UNC ASME B.1.1	2184 -1 DIN		0°	2B	B 4-5	-	7/16 ÷ 2"	●	○	○	●	-	-	594
66933B		HSS-Co	UNC ASME B.1.1	2184 -1 DIN		0°	3B	B 4-5	-	7/16 ÷ 2"	●	○	○	●	-	-	594
6607		HSS-Co	UNF ASME B.1.1	2184 -1 DIN		0°	2B	B 4-5	-	nr.2-64 ÷ 3/8	●	○	○	●	-	-	598
66073B		HSS-Co	UNF ASME B.1.1	2184 -1 DIN		0°	3B	B 4-5	-	nr.8-36 ÷ 3/8	●	○	○	●	-	-	598
6607TN		HSS-Co	UNF ASME B.1.1	2184 -1 DIN		0°	2B	B 4-5	TiN	nr.2-64 ÷ 3/8	●	○	○	●	-	-	598
6687		HSS-Co	UNF ASME B.1.1	2184 -1 DIN		0°	2B	B 4-5	-	7/16 ÷ 1 1/2	●	○	○	●	-	-	602

Codice Utensile | Tool code		Materiale utensile Tool material	Tipologia filetto Thread Type	DIN	Tipologia foro Hole type	Angolo elica Helix angle	Tolleranza Tolerance	Forma imbocco Chamfer Form	Rivestimento Coating	Gamma diametri Diameters range	P	M	K	N	S	H	Pagina utensile Tool page
▸ RAPID (Maschi a macchina | Machine taps)																	
66873B		HSS-Co	UNF ASME B.1.1	2184-1 DIN		0°	3B	B 4-5	-	7/16 ÷ 1 1/2	●	○	○	●	-	-	602
6697		HSS-Co	BSW DIN 11	2184-1 DIN		0°	-	B 4-5	-	1/8 ÷ 5/16	●	○	○	●	-	-	606
6636		HSS-Co	BSW DIN 11	2184-1 DIN		0°	-	B 4-5	-	7/16 ÷ 1"	●	○	○	●	-	-	607
6704		HSS-Co	G (BSP) DIN EN ISO 228	5156 DIN		0°	-	B 4-5	-	1/8 ÷ 2"	●	○	○	●	-	-	616
6704VP		HSS-Co	G (BSP) DIN EN ISO 228	5156 DIN		0°	-	B 4-5	VAP	1/8 ÷ 2"	●	○	○	●	-	-	616
6704TN		HSS-Co	G (BSP) DIN EN ISO 228	5156 DIN		0°	-	B 4-5	TiN	1/8 ÷ 2"	●	○	○	●	-	-	616
6673		HSS-Co	Rp (BSPP) ISO 7-1	5156 DIN		0°	-	B 4-5	-	1/16 ÷ 2"	●	○	○	●	-	-	608
6710		HSS-Co	PG	40432 DIN		0°	-	B 4-5	-	7 ÷ 48	●	○	○	●	-	-	622
▸ RAPID 2 (Maschi a macchina | Machine taps)																	
6640		HSS-Co	M DIN 13	371 DIN		0°	6H	B 4-5	-	2 ÷ 10	-	-	-	●	-	-	537
66406G		HSS-Co	M DIN 13	371 DIN		0°	6G	B 4-5	-	2 ÷ 10	-	-	-	●	-	-	537
▸ N (Maschi a macchina | Machine taps)																	
6706		HSS-Co	M DIN 13	371 DIN		0°	6H	C 2,5-3	-	1 ÷ 10	●	-	○	○	-	-	528

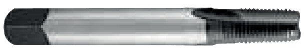
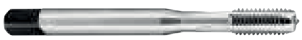
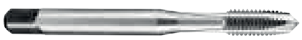
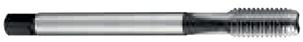
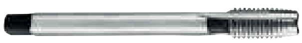
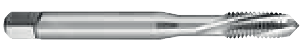
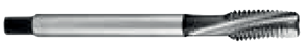
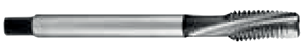
B 02

▸ N

(Maschi a macchina | Machine taps**)**

Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page
6706TN		HSS-Co	M DIN 13	371 DIN		0°	6H	C 2,5-3	TiN	1 ÷ 10		-			-	-	**528**
6705		HSS-Co	M DIN 13	376 DIN		0°	6H	C 2,5-3	-	2 ÷ 52		-			-	-	**546**
6705TN		HSS-Co	M DIN 13	376 DIN		0°	6H	C 2,5-3	TiN	2 ÷ 33		-			-	-	**546**
6726		HSS-Co	MF DIN 13	374 DIN		0°	6H	C 2,5-3	-	3 ÷ 52		-			-	-	**572**
6726TN		HSS-Co	MF DIN 13	374 DIN		0°	6H	C 2,5-3	TiN	3 ÷ 52		-			-	-	**572**
6726TC		HSS-Co	MF DIN 13	374 DIN		0°	6H	C 2,5-3	TiCN	3 ÷ 52		-			-	-	**572**
6823		HSS-Co	UNC ASME B.1.1	2184 -1 DIN		0°	2B	C 2,5-3	-	nr.3-48 ÷ 5/16		-			-	-	**586**
6824		HSS-Co	UNC ASME B.1.1	2184 -1 DIN		0°	2B	C 2,5-3	-	7/16 ÷ 1"		-			-	-	**592**
6838		HSS-Co	UNF ASME B.1.1	2184 -1 DIN		0°	2B	C 2,5-3	-	nr.1-72 ÷ 3/8		-			-	-	**596**
6839		HSS-Co	UNF ASME B.1.1	2184 -1 DIN		0°	2B	C 2,5-3	-	7/16 ÷ 1 1/2		-			-	-	**600**
6699		HSS-Co	BSW DIN 11	2184 -1 DIN		0°	-	C 2,5-3	-	1/8 ÷ 3/8		-			-	-	**606**
6610		HSS-Co	NPT ASME B1.20.1	~2181 DIN		0°	-	C 2,5-3	-	1/16 ÷ 2"		-			-	-	**619**
6611		HSS-Co	NPTF ANSI B1.20.3	~2181 DIN		0°	-	C 2,5-3	-	1/16 ÷ 1 1/2		-			-	-	**619**

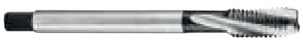
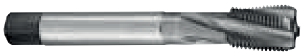
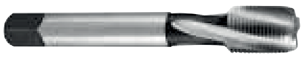
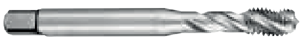
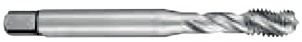
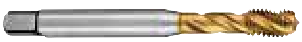
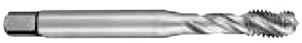
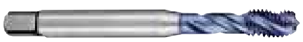
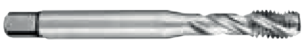
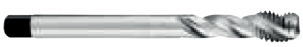
B 02

Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page
▸ N (Maschi a macchina | Machine taps)																	
6915		HSS-Co	PG	40432 DIN		0°	-	C 2,5-3	-	7 ÷ 48		-			-	-	**622**
6914		HSS-Co	PG	40432 DIN		0°	-	D 4-5	-	7 ÷ 36		-			-	-	**623**
6790		HSS-Co	RC BSPT	5156 DIN		0°	-	C 2,5-3	-	1/8 ÷ 1"		-			-	-	**618**
▸ N SX (Maschi a macchina, filettatura sinistra | Machine taps, left hand thread)																	
6712		HSS-Co	M DIN 13	371 DIN		0°	6H	C 2,5-3	-	3 ÷ 10		-			-	-	**528**
6859		HSS-Co	M DIN 13	371 DIN		0°	6H	B 4-5	-	3 ÷ 10		-			-	-	**537**
6715		HSS-Co	M DIN 13	376 DIN		0°	6H	C 2,5-3	-	12 ÷ 24		-			-	-	**546**
6860		HSS-Co	M DIN 13	376 DIN		0°	6H	B 4-5	-	12 ÷ 20		-			-	-	**555**
6863		HSS-Co	MF DIN 13	374 DIN		0°	6H	B 4-5	-	8 ÷ 20		-			-	-	**580**
▸ NL 15° (Maschi a macchina, taglio destro, elica 15° a sinistra | Machine taps, right hand thread, left 15° flute)																	
6727		HSS-Co	M DIN 13	371 DIN		15°	6H	D 4-5	-	3 ÷ 10		-		-	-	-	**539**
6740		HSS-Co	M DIN 13	376 DIN		15°	6H	B 4-5	-	12 ÷ 20		-		-	-	-	**558**
6741		HSS-Co	MF DIN 13	374 DIN		15°	6H	B 4-5	-	8 ÷ 20		-		-	-	-	**580**

▸ N 15°

(Maschi a macchina | Machine taps)

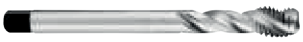
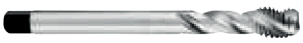
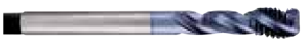
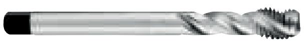
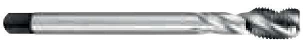
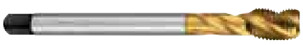
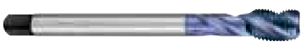
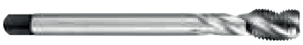
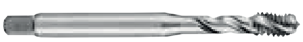
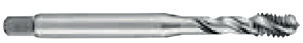
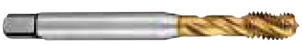
Codice Utensile | Tool code	**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page
6657	HSS-Co	M DIN 13	371 DIN		15°	6H	C 2,5-3	-	2 ÷ 10	●	-	○	●	-	-	**528**
66576G	HSS-Co	M DIN 13	371 DIN		15°	6G	C 2,5-3	-	2 ÷ 10	●	-	○	●	-	-	**528**
6657TN	HSS-Co	M DIN 13	371 DIN		15°	6H	C 2,5-3	TiN	2,3 ÷ 10	●	○	○	●	-	-	**529**
6657TC	HSS-Co	M DIN 13	371 DIN		15°	6H	C 2,5-3	TiCN	2,5 ÷ 10	●	○	○	●	-	-	**529**
6902	HSS-Co	M DIN 13	371 DIN		15°	6H +0,1	C 2,5-3	-	3 ÷ 10	●	-	○	●	-	-	**529**
6658	HSS-Co	M DIN 13	376 DIN		15°	6H	C 2,5-3	-	8 ÷ 30	●	-	○	●	-	-	**546**
6658TC	HSS-Co	M DIN 13	376 DIN		15°	6H	C 2,5-3	TiCN	12 ÷ 30	●	○	○	●	-	-	**546**
6664	HSS-Co	MF DIN 13	374 DIN		15°	6H	C 2,5-3	-	8 ÷ 30	●	-	○	●	-	-	**572**
6664TN	HSS-Co	MF DIN 13	374 DIN		15°	6H	C 2,5-3	TiN	8 ÷ 30	●	○	○	●	-	-	**572**
6904	HSS-Co	MF DIN 13	374 DIN		15°	6H +0,1	E 1-2	-	20 ÷ 24	●	-	○	●	-	-	**572**
6696	HSS-Co	UNC ASME B.1.1	2184-1 DIN		15°	2B	C 2,5-3	-	nr. 3-48 ÷ 5/16	●	-	○	●	-	-	**586**
6728	HSS-Co	UNC ASME B.1.1	2184-1 DIN		15°	2B	C 2,5-3	-	7/16 ÷ 1/8	●	-	○	●	-	-	**592**
6719	HSS-Co	UNF ASME B.1.1	2184-1 DIN		15°	2B	C 2,5-3	-	nr. 5-44 ÷ 3/8	●	-	○	●	-	-	**596**

Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page
▸ N 15° (**Maschi a macchina** | Machine taps)																	
6729		HSS-Co	UNF ASME B.1.1	2184-1 DIN		15°	2B	C 2,5-3	-	7/16 ÷ 1"	●	-	○	●	-	-	**600**
6665		HSS-Co	G (BSP) DIN EN ISO 228	5156 DIN		15°	-	C 2,5-3	-	1/8 ÷ 1"	●	-	○	●	-	-	**613**
6675		HSS-Co	Rp (BSPP) ISO 7-1	5156 DIN		15°	-	C 2,5-3	-	1/8 ÷ 1"	●	-	○	●	-	-	**608**
▸ N 40° (**Maschi a macchina** | Machine taps)																	
6644		HSS-Co	M DIN 13	371 DIN		40°	6H	C 2,5-3	-	2 ÷ 10	●	-	○	●	-	-	**530**
6644VP		HSS-Co	M DIN 13	371 DIN		40°	6H	C 2,5-3	VAP	2 ÷ 10	●	-	○	●	-	-	**530**
66446G		HSS-Co	M DIN 13	371 DIN		40°	6G	C 2,5-3	-	2 ÷ 10	●	-	○	●	-	-	**530**
6644TN*		HSS-Co	M DIN 13	371 DIN		40°	6H	C 2,5-3	TiN	2 ÷ 10	●	○	○	●	-	-	**531**
66447G		HSS-Co	M DIN 13	371 DIN		40°	7G	C 2,5-3	-	2 ÷ 10	●	-	○	●	-	-	**530**
6644TC		HSS-Co	M DIN 13	371 DIN		40°	6H	C 2,5-3	TiCN	2 ÷ 10	●	○	○	●	-	-	**531**
6867		HSS-Co	M DIN 13	371 DIN		40°	6H	E 1,5-2	-	3 ÷ 10	●	-	○	●	-	-	**531**
6638		HSS-Co	M DIN 13	376 DIN		40°	6H	C 2,5-3	-	3 ÷ 36	●	-	○	●	-	-	**547**
6638VP		HSS-Co	M DIN 13	376 DIN		40°	6H	C 2,5-3	VAP	3 ÷ 30	●	-	○	●	-	-	**547**

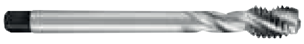
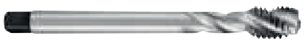
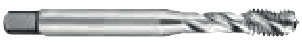
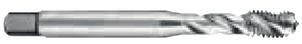
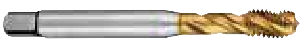
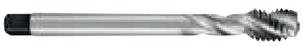
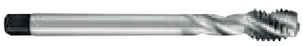
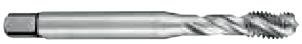
* **Per tolleranza 6G codice d'ordine 6644TN (6G)** | For **6G** tolerance, order code **6644TN (6G)**

▸ N 40°

(Maschi a macchina | Machine taps)

Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page
66386G		HSS-Co	M DIN 13	376 DIN		40°	6G	C 2,5-3	-	3 ÷ 30	●	-	○	●	-	-	**547**
66387G		HSS-Co	M DIN 13	376 DIN		40°	7G	C 2,5-3	-	8 ÷ 24	●	-	○	●	-	-	**547**
6638TN		HSS-Co	M DIN 13	376 DIN		40°	6H	C 2,5-3	TiN	12 ÷ 20	●	○	○	●	-	-	**547**
6638TC		HSS-Co	M DIN 13	376 DIN		40°	6H	C 2,5-3	TiCN	12 ÷ 20	●	○	○	●	-	-	**547**
6868		HSS-Co	M DIN 13	376 DIN		40°	6H	E 1,5-2	-	12 ÷ 20	●	-	○	●	-	-	**547**
6652		HSS-Co	MF DIN 13	374 DIN		40°	6H	C 2,5-3	-	3 ÷ 30	●	-	○	●	-	-	**573**
6652VP		HSS-Co	MF DIN 13	374 DIN		40°	6H	C 2,5-3	VAP	3 ÷ 30	●	-	○	●	-	-	**573**
6652TN		HSS-Co	MF DIN 13	374 DIN		40°	6H	C 2,5-3	TiN	3 ÷ 30	●	○	○	●	-	-	**573**
6652TC		HSS-Co	MF DIN 13	374 DIN		40°	6H	C 2,5-3	TiCN	3 ÷ 30	●	○	○	●	-	-	**573**
6877		HSS-Co	MF DIN 13	374 DIN		40°	6H	E 1-2	-	6 ÷ 20	●	-	○	●	-	-	**573**
6691		HSS-Co	UNC ASME B.1.1	2184 -1 DIN		40°	2B	C 2,5-3	-	nr. 2-56 ÷ 5/16	●	-	○	●	-	-	**586**
66913B		HSS-Co	UNC ASME B.1.1	2184 -1 DIN		40°	3B	C 2,5-3	-	nr. 2-56 ÷ 3/8	●	-	○	●	-	-	**586**
6691TN		HSS-Co	UNC ASME B.1.1	2184 -1 DIN		40°	2B	C 2,5-3	TiN	nr. 2-56 ÷ 5/16	●	○	○	●	-	-	**586**

▸ N 40°
(Maschi a macchina | Machine taps)

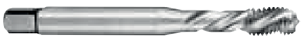
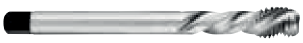
Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page
6694		HSS-Co	UNC ASME B.1.1	2184-1 DIN		40°	2B	C 2,5-3	-	7/16 ÷ 1"		-			-	-	592
66943B		HSS-Co	UNC ASME B.1.1	2184-1 DIN		40°	3B	C 2,5-3	-	7/16 ÷ 1"		-			-	-	592
6680		HSS-Co	UNF ASME B.1.1	2184-1 DIN		40°	2B	C 2,5-3	-	nr. 5-44 ÷ 5/16		-			-	-	596
66803B		HSS-Co	UNF ASME B.1.1	2184-1 DIN		40°	3B	C 2,5-3	-	nr. 5-44 ÷ 3/8		-			-	-	596
6680TN		HSS-Co	UNF ASME B.1.1	2184-1 DIN		40°	2B	C 2,5-3	TiN	nr. 5-44 ÷ 5/16					-	-	596
6688		HSS-Co	UNF ASME B.1.1	2184-1 DIN		40°	2B	C 2,5-3	-	7/16 ÷ 1"		-			-	-	600
66883B		HSS-Co	UNF ASME B.1.1	2184-1 DIN		40°	3B	C 2,5-3	-	7/16 ÷ 1"		-			-	-	600
6836		HSS-Co	BSW DIN 11	2184-1 DIN		40°	-	C 2,5-3	-	1/8 ÷ 5/16		-			-	-	606
6837		HSS-Co	BSW DIN 11	2184-1 DIN		40°	-	C 2,5-3	-	7/16 ÷ 1"		-			-	-	607
6703		HSS-Co	G (BSP) DIN EN ISO 228	5156 DIN		40°	-	C 2,5-3	-	1/16 ÷ 1"		-			-	-	613
6703VP		HSS-Co	G (BSP) DIN EN ISO 228	5156 DIN		40°	-	C 2,5-3	VAP	1/16 ÷ 1"		-			-	-	613
6703TN		HSS-Co	G (BSP) DIN EN ISO 228	5156 DIN		40°	-	C 2,5-3	TiN	1/16 ÷ 1"					-	-	613

B 02

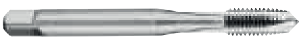
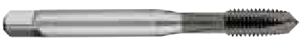
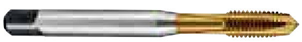
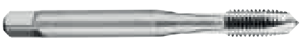
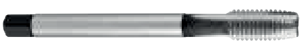
B 02

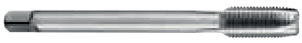
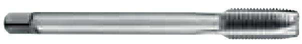
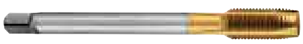
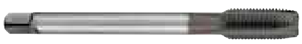
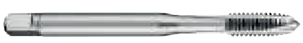
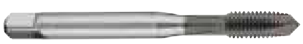
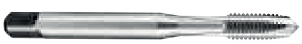
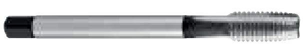
Codice Utensile | Tool code		Materiale utensile / Tool material	Tipologia filetto / Thread Type	DIN	Tipologia foro / Hole type	Angolo elica / Helix angle	Tolleranza / Tolerance	Forma imbocco / Chamfer Form	Rivestimento / Coating	Gamma diametri / Diameters range	P	M	K	N	S	H	Pagina utensile / Tool page

▸ N SX 40°
(Maschi a macchina, filettatura sinistra | Machine taps, left hand thread)

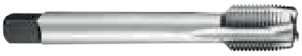
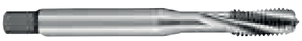
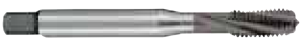
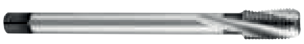
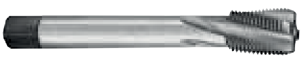
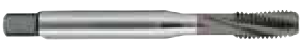
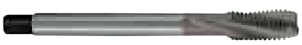
Codice Utensile | Tool code		Materiale utensile / Tool material	Tipologia filetto / Thread Type	DIN	Tipologia foro / Hole type	Angolo elica / Helix angle	Tolleranza / Tolerance	Forma imbocco / Chamfer Form	Rivestimento / Coating	Gamma diametri / Diameters range	P	M	K	N	S	H	Pagina utensile / Tool page
6861		HSS-Co	M DIN 13	371 DIN		40°	6H	C 2,5-3	-	3 ÷ 10	■	-	□	■	-	-	531
6862		HSS-Co	M DIN 13	376 DIN		40°	6H	C 2,5-3	-	12 ÷ 20	■	-	□	■	-	-	547
6864		HSS-Co	MF DIN 13	374 DIN		40°	6H	C 2,5-3	-	8 ÷ 20	■	-	□	■	-	-	573

▸ VA
(Maschi a macchina | Machine taps)

Codice Utensile | Tool code		Materiale utensile / Tool material	Tipologia filetto / Thread Type	DIN	Tipologia foro / Hole type	Angolo elica / Helix angle	Tolleranza / Tolerance	Forma imbocco / Chamfer Form	Rivestimento / Coating	Gamma diametri / Diameters range	P	M	K	N	S	H	Pagina utensile / Tool page
6646		HSS-Co	M DIN 13	371 DIN		0°	6HX	B 4-5	-	2 ÷ 10	□	■	-	■	□	-	540
NEW 6646XP		HSS-Co	M DIN 13	371 DIN		0°	6HX	B 4-5	AlCrN TOP	3 ÷ 10	□	■	-	■	□	-	540
6646VP		HSS-Co	M DIN 13	371 DIN		0°	6HX	B 4-5	VAP	2 ÷ 10	□	■	-	■	□	-	540
6646TN		HSS-Co	M DIN 13	371 DIN		0°	6HX	B 4-5	TiN	2 ÷ 10	□	■	-	■	□	-	540
66466G		HSS-Co	M DIN 13	371 DIN		0°	6GX	B 4-5	-	2 ÷ 10	□	■	-	■	□	-	541
6647		HSS-Co	M DIN 13	376 DIN		0°	6HX	B 4-5	-	12 ÷ 30	□	■	-	■	□	-	558
6647VP		HSS-Co	M DIN 13	376 DIN		0°	6HX	B 4-5	VAP	12 ÷ 30	□	■	-	■	□	-	558
NEW 6647XP		HSS-Co	M DIN 13	376 DIN		0°	6HX	B 4-5	AlCrN TOP	12 ÷ 30	□	■	-	■	□	-	558
66476G		HSS-Co	M DIN 13	376 DIN		0°	6GX	B 4-5	-	12 ÷ 16	□	■	-	■	□	-	559

Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page
▸ VA (**Maschi a macchina** | Machine taps)																	
6663		HSS-Co	MF DIN 13	374 DIN		0°	6HX	B 4-5	-	8 ÷ 27			-			-	581
6663VP		HSS-Co	MF DIN 13	374 DIN		0°	6HX	B 4-5	VAP	8 ÷ 30			-			-	581
66636G		HSS-Co	MF DIN 13	374 DIN		0°	6GX	B 4-5	-	8 ÷ 24			-			-	581
6663TN		HSS-Co	MF DIN 13	374 DIN		0°	6HX	B 4-5	TiN	8 ÷ 30			-			-	581
NEW 6663XP		HSS-Co	MF DIN 13	374 DIN		0°	6HX	B 4-5	AlCrN TOP	8 ÷ 24			-			-	581
6739		HSS-Co	UNC ASME B.1.1	2184-1 DIN		0°	2BX	B 4-5	-	nr.2-56 ÷ 3/8			-			-	589
6739VP		HSS-Co	UNC ASME B.1.1	2184-1 DIN		0°	2BX	B 4-5	VAP	nr.2-56 ÷ 3/8			-			-	589
NEW 6739XP		HSS-Co	UNC ASME B.1.1	2184-1 DIN		0°	2BX	B 4-5	AlCrN TOP	nr.2-56 ÷ 3/8			-			-	589
6749		HSS-Co	UNC ASME B.1.1	2184-1 DIN		0°	2BX	B 4-5	-	1/2 ÷ 1"			-			-	594
6749VP		HSS-Co	UNC ASME B.1.1	2184-1 DIN		0°	2BX	B 4-5	VAP	1/2 ÷ 1"			-			-	594
6718		HSS-Co	UNF ASME B.1.1	2184-1 DIN		0°	2BX	B 4-5	-	nr.2-64 ÷ 3/8			-			-	598
6718VP		HSS-Co	UNF ASME B.1.1	2184-1 DIN		0°	2BX	B 4-5	VAP	nr.2-64 ÷ 3/8			-			-	598
6797		HSS-Co	UNF ASME B.1.1	2184-1 DIN		0°	2BX	B 4-5	-	7/16 ÷ 3/4			-			-	602

B 02

Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page
▸ VA **(Maschi a macchina** | Machine taps)																	
6700		HSS-Co	G (BSP) DIN EN ISO 228	5156 DIN		0°	-	B 4-5	-	1/16 ÷ 1"			-			-	**616**
6700VP		HSS-Co	G (BSP) DIN EN ISO 228	5156 DIN		0°	-	B 4-5	VAP	1/16 ÷ 1"			-			-	**616**
NEW 6700XP		HSS-Co	G (BSP) DIN EN ISO 228	5156 DIN		0°	2BX	B 4-5	AlCrN TOP	1/16 ÷ 1"			-			-	**616**
▸ VA 15° **(Maschi a macchina** | Machine taps)																	
6654		HSS-Co	M DIN 13	371 DIN		15°	6HX	C 2,5-3	-	2 ÷ 10			-			-	**532**
6654VP		HSS-Co	M DIN 13	371 DIN		15°	6HX	C 2,5-3	VAP	2 ÷ 10			-			-	**532**
NEW 6654XP		HSS-Co	M DIN 13	371 DIN		15°	6HX	C 2,5-3	AlCrN TOP	2 ÷ 10			-			-	**532**
NEW 6634VP		HSS-Co	M DIN 13	376 DIN		15°	6HX	C 2,5-3	VAP	12 ÷ 24			-			-	**550**
6671		HSS-Co	MF DIN 13	374 DIN		15°	6H	D 3,5	-	8 ÷ 30			-			-	**576**
6716		HSS-Co	G (BSP) DIN EN ISO 228	5156 DIN		15°	-	C 2,5-3	-	1/16 ÷ 1"			-			-	**614**
▸ VA i 15° **(Maschi a macchina con fori di lubrificazione assiale** | Machine taps with axial internal coolant)																	
NEW 6620XP		HSS-Co	M DIN 13	371 DIN		15°	6HX	C 2,5-3	AlCrN TOP	6 ÷ 10			-			-	**532**
NEW 6605XP		HSS-Co	M DIN 13	376 DIN		15°	6HX	C 2,5-3	AlCrN TOP	12 ÷ 20			-			-	**550**

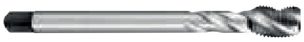
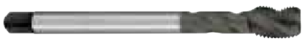
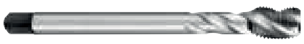
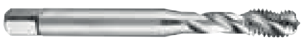
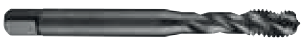
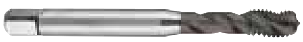
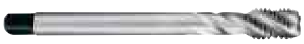
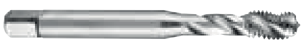
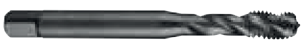
B 02

Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page

▸ VA i 15°
(Maschi a macchina con fori di lubrificazione assiale | Machine taps with axial internal coolant)

NEW 6626XP		HSS-Co	MF DIN 13	374 DIN		15°	6HX	C 2,5-3	AlCrN TOP	8 ÷ 24	○	●	-	●	○	-	576

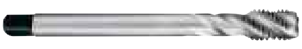
▸ VA 35°
(Maschi a macchina | Machine taps)

6655		HSS-Co	MF DIN 13	374 DIN		35°	6HX	C 2,5-3	-	8 ÷ 30	○	●	-	●	○	-	576
6655VP		HSS-Co	MF DIN 13	374 DIN		35°	6HX	C 2,5-3	VAP	8 ÷ 30	○	●	-	●	○	-	576
NEW 6655XP		HSS-Co	MF DIN 13	374 DIN		35°	6HX	C 2,5-3	AlCrN TOP	8 ÷ 30	○	●	-	●	○	-	576
66556G		HSS-Co	MF DIN 13	374 DIN		35°	6GX	C 2,5-3	-	8 ÷ 20	○	●	-	●	○	-	577
6735		HSS-Co	UNC ASME B.1.1	2184-1 DIN		35°	2BX	C 2,5-3	-	nr.6-32 ÷ 5/16	○	●	-	●	○	-	587
6735VP		HSS-Co	UNC ASME B.1.1	2184-1 DIN		35°	2BX	C 2,5-3	VAP	nr.6-32 ÷ 5/16	○	●	-	●	○	-	587
NEW 6735XP		HSS-Co	UNC ASME B.1.1	2184-1 DIN		35°	2BX	C 2,5-3	AlCrN TOP	nr.6-32 ÷ 5/16	○	●	-	●	○	-	587
6754		HSS-Co	UNC ASME B.1.1	2184-1 DIN		35°	2BX	C 2,5-3	-	1/2 ÷ 1"	○	●	-	●	○	-	592
6754VP		HSS-Co	UNC ASME B.1.1	2184-1 DIN		35°	2BX	C 2,5-3	VAP	1/2 ÷ 1"	○	●	-	●	○	-	593
6794		HSS-Co	UNF ASME B.1.1	2184-1 DIN		35°	2BX	C 2,5-3	-	nr.10-32 ÷ 3/8	○	●	-	●	○	-	597
6794VP		HSS-Co	UNF ASME B.1.1	2184-1 DIN		35°	2BX	C 2,5-3	VAP	nr.10-32 ÷ 3/8	○	●	-	●	○	-	597

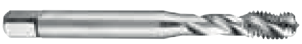
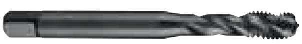
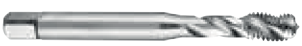
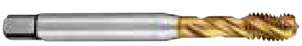
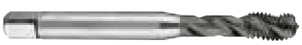
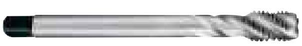
B 02

Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page

▸ VA 35°
(Maschi a macchina | Machine taps)

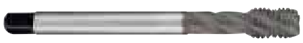
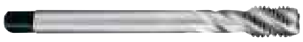
6796		HSS-Co	UNF ASME B.1.1	2184 -1 DIN		35°	2B	C 2,5-3	-	7/16 ÷ 3/4			-			-	601
6945VP		HSS-Co	UN-8 ASME B.1.1	2184 -1 DIN		35°	2B	C 2,5-3	VAP	1 1/8 ÷ 1 1/2			-			-	604
6701		HSS-Co	G (BSP) DIN EN ISO 228	5156 DIN		35°	-	C 2,5-3	-	1/8 ÷ 1"			-			-	614
6701VP		HSS-Co	G (BSP) DIN EN ISO 228	5156 DIN		35°	-	C 2,5-3	VAP	1/8 ÷ 1"			-			-	614
NEW 6701XP		HSS-Co	G (BSP) DIN EN ISO 228	5156 DIN		35°	-	C 2,5-3	AlCrN TOP	1/8 ÷ 1"			-			-	614

▸ VR 35°
(Maschi a macchina rastremati | Back tapered machine taps)

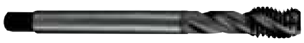
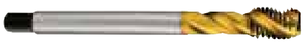
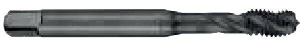
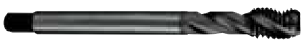
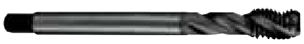
6661		HSS-Co	M DIN 13	371 DIN		35°	6HX	C 2,5-3	-	2 ÷ 10			-	-	-	-	532
6661VP		HSS-Co	M DIN 13	371 DIN		35°	6HX	C 2,5-3	VAP	2 ÷ 10			-	-	-	-	533
66616G		HSS-Co	M DIN 13	371 DIN		35°	6GX	C 2,5-3	-	2 ÷ 10			-	-	-	-	533
6661TN		HSS-Co	M DIN 13	371 DIN		35°	6HX	C 2,5-3	TiN	2 ÷ 10			-	-	-	-	533
NEW 6661XP		HSS-Co	M DIN 13	371 DIN		35°	6HX	C 2,5-3	AlCrN TOP	2 ÷ 10			-	-	-	-	533
6662		HSS-Co	M DIN 13	376 DIN		35°	6HX	C 2,5-3	-	12 ÷ 24			-	-	-	-	550
6662VP		HSS-Co	M DIN 13	376 DIN		35°	6HX	C 2,5-3	VAP	12 ÷ 24			-	-	-	-	550

Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page

▸ VR 35°
(Maschi a macchina rastremati | Back tapered machine taps)

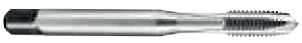
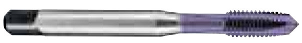
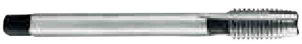
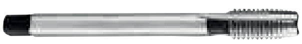
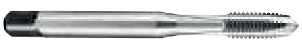
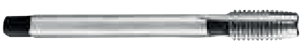
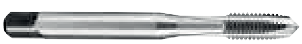
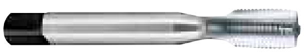
Codice		Materiale	Filetto	DIN	Foro	Elica	Tolleranza	Imbocco	Rivestimento	Gamma	P	M	K	N	S	H	Pagina
NEW 6662XP		HSS-Co	M DIN 13	376 DIN		35°	6HX	C 2,5-3	AlCrN TOP	12 ÷ 24			-	-	-	-	551
66626G		HSS-Co	M DIN 13	376 DIN		35°	6GX	C 2,5-3	-	12 ÷ 16			-	-	-	-	551

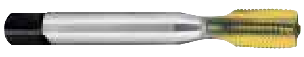
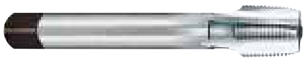
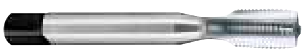
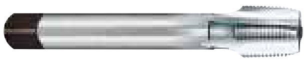
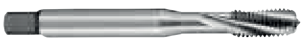
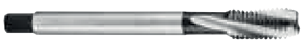
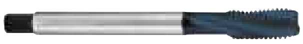
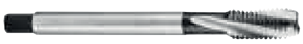
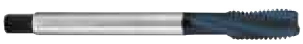
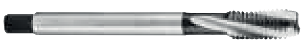
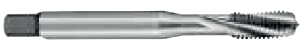
▸ VR 50°
(Maschi a macchina rastremati | Back tapered machine taps)

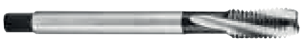
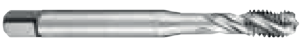
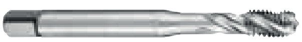
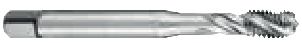
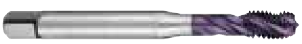
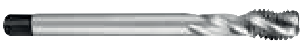
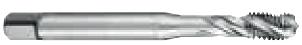
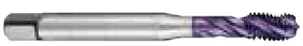
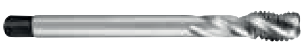
Codice		Materiale	Filetto	DIN	Foro	Elica	Tolleranza	Imbocco	Rivestimento	Gamma	P	M	K	N	S	H	Pagina
6850VP		HSS-Co	M DIN 13	371 DIN		50°	6HX	C 2,5-3	VAP	2 ÷ 10			-	-	-	-	533
6850TN		HSS-Co	M DIN 13	371 DIN		50°	6HX	C 2,5-3	TiN	2 ÷ 10			-	-	-	-	533
6851VP		HSS-Co	M DIN 13	376 DIN		50°	6HX	C 2,5-3	VAP	12 ÷ 24			-	-	-	-	551
6851TN		HSS-Co	M DIN 13	376 DIN		50°	6HX	C 2,5-3	TiN	12 ÷ 24			-	-	-	-	551
6852VP		HSS-Co	UNC ASME B.1.1	2181 DIN		50°	2BX	C 2,5-3	VAP	nr.6-32 ÷ 3/8			-	-	-	-	587
6853VP		HSS-Co	UNC ASME B.1.1	2181 DIN		50°	2BX	C 2,5-3	VAP	1/2 ÷ 1"			-	-	-	-	593
6854VP		HSS-Co	UNF ASME B.1.1	2181 DIN		50°	2BX	C 2,5-3	VAP	nr.10-32 ÷ 3/8			-	-	-	-	597
6855VP		HSS-Co	UNF ASME B.1.1	2181 DIN		50°	2BX	C 2,5-3	VAP	7/16 ÷ 3/4			-	-	-	-	601
6856VP		HSS-Co	G (BSP) DIN EN ISO 228	5156 DIN		50°	-	C 2,5-3	VAP	1/8 ÷ 1"			-	-	-	-	615

B 02

HD
(Maschi a macchina | Machine taps)

Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page
6870		HSS-Co	M DIN 13	371 DIN		0°	6H	B 4-5	-	2 ÷ 10		-		-	-	-	**541**
6870TF		HSS-Co	M DIN 13	371 DIN		0°	6H	B 4-5	TiAlN FUTURA	2 ÷ 10		-		-	-	-	**541**
6871		HSS-Co	M DIN 13	376 DIN		0°	6H	B 4-5	-	12 ÷ 30		-		-	-	-	**559**
6871TF		HSS-Co	M DIN 13	376 DIN		0°	6H	B 4-5	TiAlN FUTURA	12 ÷ 30		-		-	-	-	**559**
6872		HSS-Co	MF DIN 13	374 DIN		0°	6H	B 4-5	-	6 ÷ 24		-		-	-	-	**581**
NEW 6872TF		HSS-Co	MF DIN 13	374 DIN		0°	6H	B 4-5	TiAlN FUTURA	6 ÷ 24		-		-	-	-	**581**
6873		HSS-Co	UNC ASME B.1.1	2184 -1 DIN		0°	2B	B 4-5	-	nr.2-56 ÷ 5/16		-		-	-	-	**588**
6874		HSS-Co	UNC ASME B.1.1	2184 -1 DIN		0°	2B	B 4-5	-	7/16 ÷ 1"		-		-	-	-	**594**
6875		HSS-Co	UNF ASME B.1.1	2184 -1 DIN		0°	2B	B 4-5	-	nr.2-64 ÷ 3/8		-		-	-	-	**598**
6876		HSS-Co	UNF ASME B.1.1	2184 -1 DIN		0°	2B	B 4-5	-	7/16 ÷ 1"		-		-	-	-	**602**
6912		HSS-Co	G (BSP) DIN EN ISO 228	5156 DIN		0°	-	C 2,5-3	-	1/8 ÷ 2"		-		-	-	-	**612**
6912TN		HSS-Co	G (BSP) DIN EN ISO 228	5156 DIN		0°	-	C 2,5-3	TiN	1/8 ÷ 2"		-		-	-	-	**612**
6917		HSS-Co	NPT ASME B1.20.1	~371 DIN		0°	-	C 2,5-3	-	1/16 ÷ 1/4		-		-	-	-	**620**

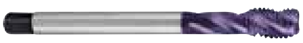
Codice Utensile | Tool code		Materiale utensile Tool material	Tipologia filetto Thread Type	DIN	Tipologia foro Hole type	Angolo elica Helix angle	Tolleranza Tolerance	Forma imbocco Chamfer Form	Rivestimento Coating	Gamma diametri Diameters range	P	M	K	N	S	H	Pagina utensile Tool page
▸ HD (Maschi a macchina | Machine taps)																	
6917TN		HSS-Co	NPT ASME B1.20.1	~371 DIN		0°	-	C 2,5-3	TiN	1/16 ÷ 1/4	■	-	□	-	-	-	620
6918		HSS-Co	NPT ASME B1.20.1	~374 DIN		0°	-	C 2,5-3	-	3/8 ÷ 1 1/2	■	-	□	-	-	-	621
6923		HSS-Co	NPTF ANSI B1.20.3	~371 DIN		0°	-	C 2,5-3	-	1/16 ÷ 1/4	■	-	□	-	-	-	620
6924		HSS-Co	NPTF ANSI B1.20.3	~374 DIN		0°	-	C 2,5-3	-	3/8 ÷ 1 1/2	■	-	□	-	-	-	621
▸ HD 15° (Maschi a macchina | Machine taps)																	
6878		HSS-Co	M DIN 13	371 DIN		15°	6H	C 2,5-3	-	3 ÷ 10	■	-	□	-	-	-	529
NEW 6878HL		HSS-Co	M DIN 13	371 DIN		15°	6H	C 2,5-3	TiAlN HL EVO	3 ÷ 10	■	-	□	-	-	-	529
6879		HSS-Co	M DIN 13	376 DIN		15°	6H	C 2,5-3	-	12 ÷ 30	■	-	□	-	-	-	552
NEW 6879HL		HSS-Co	M DIN 13	376 DIN		15°	6H	C 2,5-3	TiAlN HL EVO	12 ÷ 30	■	-	□	-	-	-	553
6880		HSS-Co	MF DIN 13	374 DIN		15°	6H	C 2,5-3	-	6 ÷ 24	■	-	□	-	-	-	577
NEW 6880HL		HSS-Co	MF DIN 13	374 DIN		15°	6H	C 2,5-3	TiAlN HL EVO	6 ÷ 24	■	-	□	-	-	-	577
6866		HSS-Co	UNC ASME B.1.1	2184-1 DIN		15°	2B	C 2,5-3	-	7/16 ÷ 1"	■	-	□	-	-	-	593
6848		HSS-Co	UNF ASME B.1.1	2184-1 DIN		15°	2B	C 2,5-3	-	nr.5-44 ÷ 3/8	■	-	□	-	-	-	597

Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page
▸ HD 15° (**Maschi a macchina** | Machine taps)																	
6849		HSS-Co	UNF ASME B.1.1	2184-1 DIN		15°	2B	C 2,5-3	-	7/16 ÷ 1"	■	-	□	-	-	-	**601**
▸ HD 40° (**Maschi a macchina** | Machine taps)																	
6666		HSS-Co	M DIN 13	371 DIN		40°	6H	C 2,5-3	-	3 ÷ 10	■	-	□	-	-	-	**535**
66666G		HSS-Co	M DIN 13	371 DIN		40°	6G	C 2,5-3	-	3 ÷ 10	■	-	□	-	-	-	**535**
66664H		HSS-Co	M DIN 13	371 DIN		40°	4H	C 2,5-3	-	3 ÷ 10	■	-	□	-	-	-	**535**
6666TF		HSS-Co	M DIN 13	371 DIN		40°	6H	C 2,5-3	TiAlN FUTURA	3 ÷ 10	■	-	□	-	-	-	**535**
6667		HSS-Co	M DIN 13	376 DIN		40°	6H	C 2,5-3	-	3 ÷ 20	■	-	□	-	-	-	**553**
6667TN		HSS-Co	M DIN 13	376 DIN		40°	6H	C 2,5-3	TiN	3 ÷ 20	■	-	□	-	-	-	**553**
6667TF		HSS-Co	M DIN 13	376 DIN		40°	6H	C 2,5-3	TiAlN FUTURA	3 ÷ 20	■	-	□	-	-	-	**553**
▸ HR 40° (**Maschi a macchina rastremati** | Back tapered machine taps)																	
6681		HSS-Co	M DIN 13	371 DIN		40°	6H	C 2,5-3	-	3 ÷ 10	■	-	-	-	-	-	**535**
6681TF		HSS-Co	M DIN 13	371 DIN		40°	6H	C 2,5-3	TiAlN FUTURA	3 ÷ 10	■	-	-	-	-	-	**535**
6689		HSS-Co	M DIN 13	376 DIN		40°	6H	C 2,5-3	-	12 ÷ 20	■	-	-	-	-	-	**553**

Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page

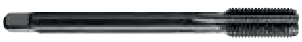
HR 40°

(Maschi a macchina rastremati | Back tapered machine taps)

6689TF		HSS-Co	M DIN 13	376 DIN		40°	6H	C 2,5-3	TiAlN FUTURA	12 ÷ 20	■	–	–	–	–	–	**553**

GG

(Maschi a macchina | Machine taps)

6631		HSS-Co	M DIN 13	371 DIN		0°	6HX	C 2,5-3	NIT	3 ÷ 10	–	–	■	□	–	–	**534**
6631TF		HSS-Co	M DIN 13	371 DIN		0°	6HX	C 2,5-3	TiAlN FUTURA	3 ÷ 10	–	–	■	□	–	–	**534**
6632		HSS-Co	M DIN 13	376 DIN		0°	6HX	C 2,5-3	NIT	6 ÷ 30	–	–	■	□	–	–	**552**
6632TF		HSS-Co	M DIN 13	376 DIN		0°	6HX	C 2,5-3	TiAlN FUTURA	6 ÷ 30	–	–	■	□	–	–	**552**
6653		HSS-Co	MF DIN 13	374 DIN		0°	6HX	C 2,5-3	NIT	8 ÷ 24	–	–	■	□	–	–	**577**
6708		HSS-Co	G (BSP) DIN EN ISO 228	5156 DIN		0°	–	C 2,5-3	NIT	1/16 ÷ 2"	–	–	■	□	–	–	**615**
6708TF		HSS-Co	G (BSP) DIN EN ISO 228	5156 DIN		0°	–	C 2,5-3	TiAlN FUTURA	1/16 ÷ 2"	–	–	■	□	–	–	**615**
6674		HSS-Co	Rp (BSPP) ISO 7-1	5157 DIN		0°	–	C 2,5-3	NIT	1/8 ÷ 2"	–	–	■	□	–	–	**608**

MULTI GG i

(Maschi a macchina con fori di lubrificazione | Machine taps with internal coolant)

6629		HSS-Co	M DIN 13	371 DIN		0°	6HX	C 2,5-3	NIT	5 ÷ 10	–	–	■	□	–	–	**534**
6629TC		HSS-Co	M DIN 13	371 DIN		0°	6HX	C 2,5-3	TiCN	5 ÷ 10	–	–	■	□	–	–	**534**

Codice Utensile | Tool code		Materiale utensile Tool material	Tipologia filetto Thread Type	DIN	Tipologia foro Hole type	Angolo elica Helix angle	Tolleranza Tolerance	Forma imbocco Chamfer Form	Rivestimento Coating	Gamma diametri Diameters range	P	M	K	N	S	H	Pagina utensile Tool page

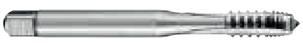
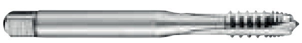
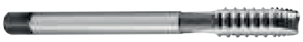
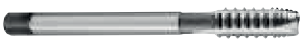
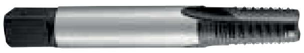
▸ MULTI GG i

(Maschi a macchina con fori di lubrificazione | Machine taps with internal coolant)

Codice Utensile | Tool code		Materiale utensile Tool material	Tipologia filetto Thread Type	DIN	Tipologia foro Hole type	Angolo elica Helix angle	Tolleranza Tolerance	Forma imbocco Chamfer Form	Rivestimento Coating	Gamma diametri Diameters range	P	M	K	N	S	H	Pagina utensile Tool page
6637		HSS-Co	M DIN 13	376 DIN		0°	6HX	C 2,5-3	NIT	12 ÷ 20	-	-	■	□	-	-	**552**
6637TC		HSS-Co	M DIN 13	376 DIN		0°	6HX	C 2,5-3	TiCN	12 ÷ 20	-	-	■	□	-	-	**552**

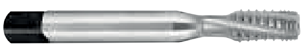
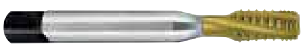
▸ AZ

(Maschi a macchina | Machine taps)

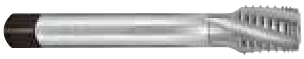
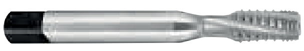
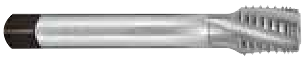
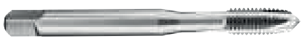
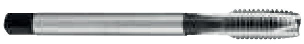
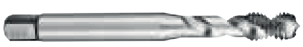
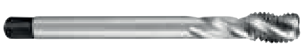
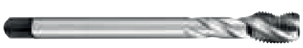
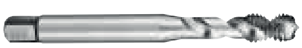
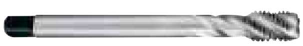
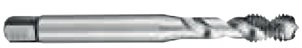
Codice Utensile | Tool code		Materiale utensile Tool material	Tipologia filetto Thread Type	DIN	Tipologia foro Hole type	Angolo elica Helix angle	Tolleranza Tolerance	Forma imbocco Chamfer Form	Rivestimento Coating	Gamma diametri Diameters range	P	M	K	N	S	H	Pagina utensile Tool page
6820		HSS-Co	M DIN 13	371 DIN		0°	6H	C 2,5-3	-	2 ÷ 10	□	□	-	■	-	-	**528**
6616		HSS-Co	M DIN 13	371 DIN		0°	6H	B 4-5	-	2 ÷ 10	□	□	-	■	-	-	**539**
6821		HSS-Co	M DIN 13	376 DIN		0°	6H	C 2,5-3	-	6 ÷ 16	□	□	-	■	-	-	**546**
6617		HSS-Co	M DIN 13	376 DIN		0°	6H	B 4-5	-	12 ÷ 20	□	□	-	■	-	-	**558**
6916		HSS-Co	NPT ASME B1.20.1	~371 DIN		0°	-	C 2,5-3	-	1/16 ÷ 3/4	□	■	-	■	□	-	**619**
6919		HSS-Co	NPT ASME B1.20.1	~371 DIN		0°	-	C 2,5-3	-	1/16 ÷ 1/4	□	□	-	■	-	-	**620**
6920		HSS-Co	NPT ASME B1.20.1	~376 DIN		0°	-	C 2,5-3	-	3/8 ÷ 1 1/2	□	□	-	■	-	-	**621**

▸ AZ 35°

(Maschi a macchina | Machine taps)

Codice Utensile | Tool code		Materiale utensile Tool material	Tipologia filetto Thread Type	DIN	Tipologia foro Hole type	Angolo elica Helix angle	Tolleranza Tolerance	Forma imbocco Chamfer Form	Rivestimento Coating	Gamma diametri Diameters range	P	M	K	N	S	H	Pagina utensile Tool page
6921		HSS-Co	NPT ASME B1.20.1	~371 DIN		35°	-	C 2,5-3	-	1/16 ÷ 1/4	□	□	-	■	-	-	**620**
6921TN		HSS-Co	NPT ASME B1.20.1	~371 DIN		35°	-	C 2,5-3	TiN	1/16 ÷ 1/4	□	□	-	■	-	-	**620**

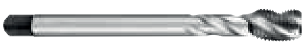
B 02

Codice Utensile | Tool code		Materiale utensile Tool material	Tipologia filetto Thread Type	DIN	Tipologia foro Hole type	Angolo elica Helix angle	Tolleranza Tolerance	Forma imbocco Chamfer Form	Rivestimento Coating	Gamma diametri Diameters range	P	M	K	N	S	H	Pagina utensile Tool page
▸ AZ 35° (Maschi a macchina | Machine taps)																	
6922		HSS-Co	NPT ASME B1.20.1	~376 DIN		35°	-	C 2,5-3	-	3/8 ÷ 1 1/4	□	□	-	■	-	-	**621**
6925		HSS-Co	NPTF ANSI B1.20.3	~374 DIN		35°	-	C 2,5-3	-	1/16 ÷ 1/4	□	□	-	■	-	-	**621**
6926		HSS-Co	NPTF ANSI B1.20.3	~374 DIN		35°	-	C 2,5-3	-	3/8 ÷ 1 1/2	□	□	-	■	-	-	**621**
▸ ALU (Maschi a macchina | Machine taps)																	
6641		HSS-Co	M DIN 13	371 DIN		0°	6H	B 4-5	-	2 ÷ 10	-	-	-	■	-	-	**541**
6642		HSS-Co	M DIN 13	376 DIN		0°	6H	B 4-5	-	12 ÷ 20	-	-	-	■	-	-	**559**
▸ ALU 45° (Maschi a macchina | Machine taps)																	
6643		HSS-Co	M DIN 13	371 DIN		45°	6H	C 2,5-3	-	2 ÷ 10	-	-	-	■	-	-	**534**
6651		HSS-Co	M DIN 13	376 DIN		45°	6HX	C 2,5-3	-	8 ÷ 20	-	-	-	■	-	-	**552**
6731		HSS-Co	MF DIN 13	374 DIN		45°	6H	C 2,5-3	-	8 ÷ 20	-	-	-	■	-	-	**577**
6732		HSS-Co	UNC ASME B.1.1	2184-1 DIN		45°	2B	C 2,5-3	-	nr.4-40 ÷ 3/8	-	-	-	■	-	-	**587**
6733		HSS-Co	UNC ASME B.1.1	2184-1 DIN		45°	2B	C 2,5-3	-	1/2	-	-	-	■	-	-	**593**
6628		HSS-Co	UNF ASME B.1.1	2184-1 DIN		45°	2B	C 2,5-3	-	nr.10-32 ÷ 3/8	-	-	-	■	-	-	**597**

B
02

Codice Utensile | Tool code		Materiale utensile Tool material	Tipologia filetto Thread Type	DIN	Tipologia foro Hole type	Angolo elica Helix angle	Tolleranza Tolerance	Forma imbocco Chamfer Form	Rivestimento Coating	Gamma diametri Diameters range	P	M	K	N	S	H	Pagina utensile Tool page

▸ ALU 45°
(Maschi a macchina | Machine taps)

Codice Utensile | Tool code		Materiale utensile Tool material	Tipologia filetto Thread Type	DIN	Tipologia foro Hole type	Angolo elica Helix angle	Tolleranza Tolerance	Forma imbocco Chamfer Form	Rivestimento Coating	Gamma diametri Diameters range	P	M	K	N	S	H	Pagina utensile Tool page
6734		HSS-Co	UNF ASME B.1.1	2184 -1 DIN		45°	2B	C 2,5-3	-	nr.10-32 ÷ 3/8	-	-	-	●	-	-	601

▸ BAK
(Maschi a macchina | Machine taps)

Codice Utensile | Tool code		Materiale utensile Tool material	Tipologia filetto Thread Type	DIN	Tipologia foro Hole type	Angolo elica Helix angle	Tolleranza Tolerance	Forma imbocco Chamfer Form	Rivestimento Coating	Gamma diametri Diameters range	P	M	K	N	S	H	Pagina utensile Tool page
6670		HSS-Co	M DIN 13	371 DIN		0°	6HX	E 1,5-2	NIT	2,3 ÷ 10	-	-	-	●	-	-	534

▸ ULTRA
(Maschi a macchina | Machine taps)

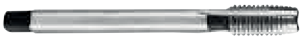
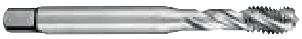
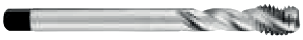
Codice Utensile | Tool code		Materiale utensile Tool material	Tipologia filetto Thread Type	DIN	Tipologia foro Hole type	Angolo elica Helix angle	Tolleranza Tolerance	Forma imbocco Chamfer Form	Rivestimento Coating	Gamma diametri Diameters range	P	M	K	N	S	H	Pagina utensile Tool page
6606		HSS-Co	M DIN 13	371 DIN		0°	6HX	B 4-5	NIT	2 ÷ 10	●	●	-	●	-	-	538
66066G		HSS-Co	M DIN 13	371 DIN		0°	6GX	B 4-5	NIT	2 ÷ 10	●	●	-	●	-	-	538
6737		HSS-Co	UNC ASME B.1.1	2184 -1 DIN		0°	2B	B 4-5	NIT	nr.1-64 ÷ 3/8	●	●	-	●	-	-	589

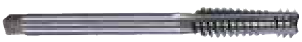
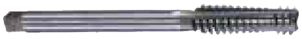
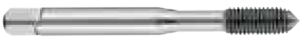
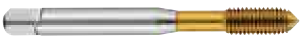
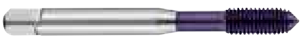
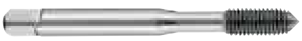
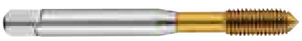
▸ ULTRA S
(Maschi a macchina | Machine taps)

Codice Utensile | Tool code		Materiale utensile Tool material	Tipologia filetto Thread Type	DIN	Tipologia foro Hole type	Angolo elica Helix angle	Tolleranza Tolerance	Forma imbocco Chamfer Form	Rivestimento Coating	Gamma diametri Diameters range	P	M	K	N	S	H	Pagina utensile Tool page
6649		HSS-Co	M DIN 13	371 DIN		0°	6HX	B 4-5	NIT	2 ÷ 10	●	●	-	●	-	-	538
66496G		HSS-Co	M DIN 13	371 DIN		0°	6GX	B 4-5	NIT	2,2 ÷ 10	●	●	-	●	-	-	538
6649TN		HSS-Co	M DIN 13	371 DIN		0°	6HX	B 4-5	TiN	2 ÷ 7	●	●	-	●	-	-	539

▸ EG (M)
(Maschi a macchina per filetti riportati [Helicoil] | Machine taps for wire thread inserts [Helicoil])

Codice Utensile | Tool code		Materiale utensile Tool material	Tipologia filetto Thread Type	DIN	Tipologia foro Hole type	Angolo elica Helix angle	Tolleranza Tolerance	Forma imbocco Chamfer Form	Rivestimento Coating	Gamma diametri Diameters range	P	M	K	N	S	H	Pagina utensile Tool page
6908	Dimensioni similari a DIN 371 Similar dimensions to DIN 371 	HSS-Co	M DIN 13	8140 -2 DIN		0°	6H MOD.	B 4-5	-	3 ÷ 8	○	-	-	●	-	-	625

Codice Utensile | Tool code		Materiale utensile Tool material	Tipologia filetto Thread Type	DIN	Tipologia foro Hole type	Angolo elica Helix angle	Tolleranza Tolerance	Forma imbocco Chamfer Form	Rivestimento Coating	Gamma diametri Diameters range	P	M	K	N	S	H	Pagina utensile Tool page
▸ EG (M) (Maschi a macchina per filetti riportati [Helicoil] | Machine taps for wire thread inserts [Helicoil])																	
6909	Dimensioni similari a DIN 376 Similar dimensions to DIN 376 	HSS-Co	M DIN 13	8140 -2 DIN		0°	6H MOD.	B 4-5	-	10 ÷ 16	○	-	-	●	-	-	627
▸ EG (M) 40° (Maschi a macchina per filetti riportati [Helicoil] | Machine taps for wire thread inserts [Helicoil])																	
6910	Dimensioni similari a DIN 371 Similar dimensions to DIN 371 	HSS-Co	M DIN 13	8140 -2 DIN		40°	6H MOD.	C 2,5-3	-	3 ÷ 8	○	-	-	●	-	-	624
6911	Dimensioni similari a DIN 376 Similar dimensions to DIN 376 	HSS-Co	M DIN 13	8140 -2 DIN		40°	6H MOD.	C 2,5-3	-	10 ÷ 16	○	-	-	●	-	-	626
▸ N (Maschi a macchina con gambo lungo | Machine taps with long shank)																	
6672		HSS-Co	M DIN 13	ILIX NORM DIN		0°	6H	B 4-5	-	3 ÷ 14	●	-	○	○	-	-	562
▸ N (Maschi a macchina con gambo extra lungo | Machine taps with extra long shank)																	
6692		HSS-Co	M DIN 13	ILIX NORM DIN		0°	6H	B 4-5	-	3 ÷ 8	●	-	○	○	-	-	564
6695		HSS-Co	M DIN 13	ILIX NORM DIN		0°	6H	B 4-5	-	8 ÷ 20	●	-	○	○	-	-	565
▸ N 30° (Maschi a macchina con gambo extra lungo | Machine taps with extra long shank)																	
NEW Tech 6840		HSS-Co	M DIN 13	ILIX NORM DIN		30°	6H	C 2,5-3	-	3 ÷ 8	●	-	○	●	-	-	566
NEW Tech 6841		HSS-Co	M DIN 13	ILIX NORM DIN		30°	6H	C 2,5-3	-	8 ÷ 20	●	-	○	●	-	-	567

Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page
▸ N **(Maschi a macchina per dadi** | Machine nut taps)																	
6660		HSS-Co	M DIN 13	357 DIN 13		0°	6H	A 6-8	-	3 ÷ 30	●	-	○	○	-	-	**563**
▸ TR **(Maschi a macchina trapezoidali** | Trapezoidal machine taps)																	
6938		HSS-Co	TR	103 DIN		0°	7H	2/3 x l_2	-	10 ÷ 36	●	-	○	●	-	-	**629**
6939	**Direzione taglio sinistro** Left cutting direction 	HSS-Co	TR	103 DIN		0°	7H	2/3 x l_2	-	10 ÷ 36	●	-	○	●	-	-	**629**
▸ FORMER **(Maschi a rullare** | Cold forming taps)																	
6722		HSS-Co	M DIN 13	2174 DIN		-	6HX	C 2,5-3	NIT	1 ÷ 10	●	●	-	●	-	-	**543**
6722BL		HSS-Co	M DIN 13	2174 DIN		-	6HX	C 2,5-3	-	1 ÷ 10	●	●	-	●	-	-	**543**
6722TN		HSS-Co	M DIN 13	2174 DIN		-	6HX	C 2,5-3	TiN	1 ÷ 10	●	●	-	●	-	-	**543**
6722TF		HSS-Co	M DIN 13	2174 DIN		-	6HX	C 2,5-3	TiAlN FUTURA	1 ÷ 10	●	●	-	●	-	-	**543**
6622		HSS-Co	M DIN 13	2174 DIN		-	6GX	C 2,5-3	NIT	2 ÷ 10	●	●	-	●	-	-	**542**
6622BL		HSS-Co	M DIN 13	2174 DIN		-	6GX	C 2,5-3	-	2 ÷ 10	●	●	-	●	-	-	**542**
6622TN		HSS-Co	M DIN 13	2174 DIN		-	6GX	C 2,5-3	TiN	2 ÷ 10	●	●	-	●	-	-	**542**

B 02

Codice Utensile | Tool code	**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page

▸ FORMER
(Maschi a rullare | Cold forming taps)

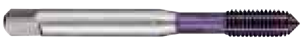
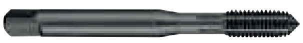
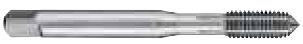
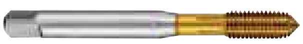
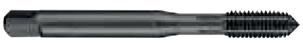
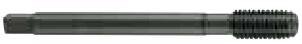
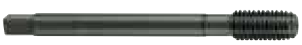
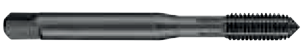
Codice Utensile	Materiale	Tipologia filetto	DIN	Tipologia foro	Angolo elica	Tolleranza	Forma imbocco	Rivestimento	Gamma diametri	P	M	K	N	S	H	Pagina
6723	HSS-Co	M DIN 13	2174 DIN		-	6HX	C 2,5-3	NIT	12 ÷ 16			-		-	-	**560**
6723TN	HSS-Co	M DIN 13	2174 DIN		-	6HX	C 2,5-3	TiN	12 ÷ 16			-		-	-	**560**
6623	HSS-Co	M DIN 13	2174 DIN		-	6HX	C 2,5-3	NIT	12 ÷ 16			-		-	-	**560**
6623TN	HSS-Co	M DIN 13	2174 DIN		-	6HX	C 2,5-3	TiN	12 ÷ 16			-		-	-	**560**
6721	HSS-Co	MF DIN 13	2174 DIN		-	6HX	C 2,5-3	NIT	8 ÷ 16			-		-	-	**584**
67216G	HSS-Co	MF DIN 13	2174 DIN		-	6GX	C 2,5-3	NIT	8 ÷ 16			-		-	-	**584**
6738	HSS-Co	UNC ASME B.1.1	2184 -1 DIN		-	2BX	C 2,5-3	NIT	nr.2-56 ÷ 3/8			-		-	-	**590**
6747	HSS-Co	UNF ASME B.1.1	2184 -1 DIN		-	2BX	C 2,5-3	NIT	nr.4-48 ÷ 3/8			-		-	-	**599**
6702	HSS-Co	G (BSP) DIN EN ISO 228	2184 -1 DIN		-	2BX	B 4-5	NIT	1/16 ÷ 1/2			-		-	-	**617**

▸ FORMER S
(Maschi a rullare con canalini di lubrificazione esterni | Cold forming taps with coolant grooves)

Codice Utensile	Materiale	Tipologia filetto	DIN	Tipologia foro	Angolo elica	Tolleranza	Forma imbocco	Rivestimento	Gamma diametri	P	M	K	N	S	H	Pagina
6709	HSS-Co	M DIN 13	2174 DIN		-	6HX	C 2,5-3	NIT	3 ÷ 10			-		-	-	**544**
6709TN	HSS-Co	M DIN 13	2174 DIN		-	6HX	C 2,5-3	TiN	3 ÷ 10			-		-	-	**544**

▸ FORMER S

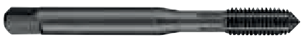
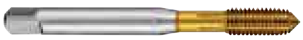
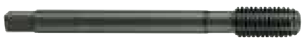
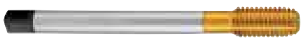
(Maschi a rullare con canalini di lubrificazione esterni | Cold forming taps with coolant grooves)

Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page
6709TF		HSS-Co	M DIN 13	2174 DIN		-	6HX	C 2,5-3	TiAlN FUTURA	3 ÷ 10			-		-	-	545
6808		HSS-Co	M DIN 13	2174 DIN		-	6GX	C 2,5-3	NIT	3 ÷ 10			-		-	-	544
6808BL		HSS-Co	M DIN 13	2174 DIN		-	6GX	C 2,5-3	-	3 ÷ 10			-		-	-	544
6808TN		HSS-Co	M DIN 13	2174 DIN		-	6GX	C 2,5-3	TiN	3 ÷ 10			-		-	-	545
6819		HSS-Co	M DIN 13	2174 DIN		-	7GX	C 2,5-3	NIT	8 ÷ 10			-		-	-	545
6725		HSS-Co	M DIN 13	2174 DIN		-	6HX	C 2,5-3	NIT	12 ÷ 16			-		-	-	561
6725TN		HSS-Co	M DIN 13	2174 DIN		-	6HX	C 2,5-3	TiN	12 ÷ 16			-		-	-	561
6809		HSS-Co	M DIN 13	2174 DIN		-	6GX	C 2,5-3	NIT	12 ÷ 16			-		-	-	561
6809TN		HSS-Co	M DIN 13	2174 DIN		-	6GX	C 2,5-3	TiN	12 ÷ 16			-		-	-	561
6720		HSS-Co	MF DIN 13	2174 DIN		-	6HX	C 2,5-3	NIT	8 ÷ 16			-		-	-	584
67206G		HSS-Co	MF DIN 13	2174 DIN		-	6GX	C 2,5-3	NIT	8 ÷ 16			-		-	-	584
6802		HSS-Co	UNC ASME B.1.1	2184 -1 DIN		-	2BX	C 2,5-3	NIT	nr.5-40 ÷ 3/8			-		-	-	590
NEW 6811TN		HSS-Co	UNC ASME B.1.1	2184 -1 DIN		-	2BX	C 2,5-3	TiN	1/2 ÷ 3/4			-		-	-	591

B 02

▸ FORMER S

(Maschi a rullare con canalini di lubrificazione esterni | Cold forming taps with coolant grooves)

Codice Utensile | Tool code		**Materiale utensile** Tool material	**Tipologia filetto** Thread Type	**DIN**	**Tipologia foro** Hole type	**Angolo elica** Helix angle	**Tolleranza** Tolerance	**Forma imbocco** Chamfer Form	**Rivestimento** Coating	**Gamma diametri** Diameters range	P	M	K	N	S	H	**Pagina utensile** Tool page
6815		HSS-Co	UNF ASME B.1.1	2184-1 DIN		-	2BX	C 2,5-3	NIT	nr.8-36 ÷ 5/16			-		-	-	599
NEW 6815TN		HSS-Co	UNF ASME B.1.1	2184-1 DIN		-	2BX	C 2,5-3	TiN	nr.5-44 ÷ 3/8			-		-	-	599
6816		HSS-Co	UNF ASME B.1.1	2184-1 DIN		-	2BX	C 2,5-3	NIT	1/2 ÷ 5/8			-		-	-	603
NEW 6816TN		HSS-Co	UNF ASME B.1.1	2184-1 DIN		-	2BX	C 2,5-3	TiN	7/16 ÷ 5/8			-		-	-	603
6818		HSS-Co	G (BSP) DIN EN ISO 228	2184-1 DIN		-	-	C 2,5-3	NIT	3/8			-		-	-	617
NEW 6818TN		HSS-Co	G (BSP) DIN EN ISO 228	2184-1 DIN		-	-	C 2,5-3	TiN	1/16 ÷ 1/2			-		-	-	617

B 02

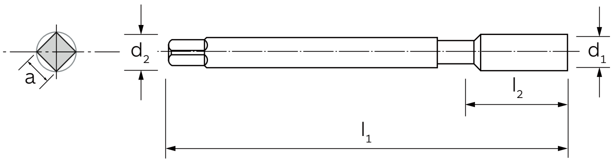
B.02.02

Gamma prodotti
Products range

M - DIN 352

Maschi a mano in serie di 3 pezzi composta da sbozzatore (P), intermedio (S), finitore (T)
Hand taps, series in set of 3 pieces, consisting of taper (P), plug (S) and bottom (T)

M	352
DIN 13	DIN



	6615P	6615S	6615T	6618P	6618S	6618T
MATERIALE | MATERIAL	HSS	HSS	HSS	HSS	HSS	HSS
TIPO | TYPE	N	N	N	N	N	N
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	–	–	–	–	–	–
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°	0°	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↺	↺	↺
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–	–	–	–
TOLLERANZA | TOLERANCE	6H	6H	6H	6H	6H	6H
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	A/5-6	D/3-4	C/2,5-3	A/5-6	D/3-4	C/2,5-3
TIPO DI FORO | HOLE TYPE						
GRUPPO MATERIALI | MATERIAL GROUPS						
P | **Acciai** | Steels	P	P	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M	M	M	M
K | **Ghise** | Cast Irons	K	K	K	K	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	S	S	S	S	S	S
H | **Acciai Temprati** | Hardened Steels	–	–	–	–	–	–

d_1	P	⌀	l_1	l_2	d_2 (h9**)	a (h12)	6615P	6615S	6615T	6615 (Serie | Set)	6618P	6618S	6618T	6618 (Serie | Set)
1,0	0,25	0,75	32	5,5	2,5	2,1	●	●	●	●	–	–	–	–
1,1	0,25	0,85	32	5,5	2,5	2,1	●	●	●	●	–	–	–	–
1,2	0,25	0,95	32	5,5	2,5	2,1	●	●	●	●	–	–	–	–
1,4	0,30	1,10	32	7,0	2,5	2,1	●	●	●	●	–	–	–	–
1,6	0,35	1,25	32	8,0	2,5	2,1	●	●	●	●	–	–	–	–
1,7*	0,35	1,30	32	8,0	2,5	2,1	●	●	●	●	–	–	–	–
1,8	0,35	1,45	32	8,0	2,5	2,1	●	●	●	●	–	–	–	–
2,0	0,40	1,60	36	8,0	2,8	2,1	●	●	●	●	–	–	–	–
2,2	0,45	1,75	36	9,0	2,8	2,1	●	●	●	●	–	–	–	–
2,3*	0,40	1,90	36	9,0	2,8	2,1	●	●	●	●	–	–	–	–
2,5	0,45	2,05	40	9,0	2,8	2,1	●	●	●	●	–	–	–	–
2,6*	0,45	2,10	40	9,0	2,8	2,1	●	●	●	●	–	–	–	–
3,0	0,50	2,50	40	11,0	3,5	2,7	●	●	●	●	●	●	●	●
3,0*	0,60	2,40	40	11,0	3,5	2,7	–	■	–	–	–	–	–	–
3,5	0,60	2,90	45	13,0	4,0	3,0	●	■	●	●	–	–	■	■
4,0	0,70	3,30	45	13,0	4,5	3,4	●	●	●	●	●	●	●	●
4*	**0,75**	3,25	45	13,0	4,5	3,4	■	–	■	■	–	–	–	–
4,5	0,75	3,70	50	16,0	6,0	4,9	●	●	●	●	–	–	–	–
5,0	0,80	4,20	50	16,0	6,0	4,9	●	●	●	●	●	●	●	●
5*	0,90	4,10	50	16,0	6,0	4,9	■	–	–	–	–	–	–	–
6,0	1,00	5,00	50	19,0	6,0	4,9	●	●	●	●	●	●	●	●
7,0	1,00	6,00	50	19,0	6,0	4,9	●	●	●	●	●	●	●	●
8,0	1,25	6,80	56	22,0	6,0	4,9	●	●	●	●	●	●	●	●
9,0	1,25	7,80	63	22,0	7,0	5,5	●	●	●	●	–	–	–	–

01/02

* **Misura non in standard ISO** | These sizes are not ISO standard. ■ **Fino ad esaurimento scorte** | Till stocks last
** **La tolleranza del gambo per il 1° e 2° maschio è h 12** | Shank tolerance of 1st and 2nd tap h 12

M - DIN 352

Maschi a mano in serie di 3 pezzi composta da sbozzatore (P), intermedio (S), finitore (T)
Hand taps, series in set of 3 pieces, consisting of taper (P), plug (S) and bottom (T)

ILIX PRECISION

6614P	6614S	6614T	6625P	6625S	6625T	
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
VA	VA	VA	Ti	Ti	Ti	**TIPO** | TYPE
–	–	–	NIT	NIT	NIT	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
0°	0°	0°	0°	0°	0°	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↻	↻	↻	↻	**DIREZIONE TAGLIO** | CUTTING DIRECTION
–	–	–	–	–	–	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
6HX	6HX	6HX	6HX	6HX	6HX	**TOLLERANZA** | TOLERANCE
A/5-6	D/3-4	C/2,5-3	A/5-6	D/3-4	C/2,5-3	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
						TIPO DI FORO | HOLE TYPE
P	P	P	–	–	–	**P** | **Acciai** | Steels
M	M	M	M	M	M	**M** | **Acciai Inossidabili** | Stainless Steels
–	–	–	–	–	–	**K** | **Ghise** | Cast Irons
N	N	N	–	–	–	**N** | **Metalli non ferrosi** | Non-ferrous metals
S	S	S	S	S	S	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
–	–	–	–	–	–	**H** | **Acciai Temprati** | Hardened Steels

GRUPPO MATERIALI MATERIAL GROUPS

B 02

6614P	6614S	6614T	6614	6625P	6625S	6625T	6625	d_1	P		l_1	l_2
			6614 (Serie | Set)				**6625** (Serie | Set)					
–	–	–	–	–	–	–	–	**1,0**	0,25	0,75	32	5,5
–	–	–	–	–	–	–	–	**1,1**	0,25	0,85	32	5,5
–	–	–	–	–	–	–	–	**1,2**	0,25	0,95	32	5,5
–	–	–	–	–	–	–	–	**1,4**	0,30	1,10	32	7,0
–	–	–	–	–	–	–	–	**1,6**	0,35	1,25	32	8,0
–	–	–	–	–	–	–	–	**1,7***	0,35	1,30	32	8,0
–	–	–	–	–	–	–	–	**1,8**	0,35	1,45	32	8,0
●	●	●	●	●	●	●	●	**2,0**	0,40	1,60	36	8,0
–	–	■	■	■	■	■	■	**2,2**	0,45	1,75	36	9,0
■	■	■	■	–	–	■	■	**2,3***	0,40	1,90	36	9,0
●	●	●	●	●	●	●	●	**2,5**	0,45	2,05	40	9,0
–	–	■	■	■	–	■	–	**2,6***	0,45	2,10	40	9,0
●	●	●	●	●	●	●	●	**3,0**	0,50	2,50	40	11,0
–	–	–	■	–	–	–	–	**3,0***	0,60	2,40	40	11,0
–	■	■	–	■	■	■	■	**3,5**	0,60	2,90	45	13,0
●	●	●	●	●	●	●	●	**4,0**	0,70	3,30	45	13,0
–	–	–	–	–	–	–	–	**4***	0,75	3,25	45	13,0
–	–	–	–	–	–	–	–	**4,5**	0,75	3,70	50	16,0
●	●	●	●	●	●	●	●	**5,0**	0,80	4,20	50	16,0
■	–	–	–	–	–	–	–	**5***	0,90	4,10	50	16,0
●	●	●	●	●	●	●	●	**6,0**	1,00	5,00	50	19,0
●	●	●	●	–	–	■	–	**7,0**	1,00	6,00	50	19,0
●	●	●	●	●	●	●	●	**8,0**	1,25	6,80	56	22,0
–	–	–	–	–	–	–	–	**9,0**	1,25	7,80	63	22,0

01/02

■ **Fino ad esaurimento scorte** | Till stocks last

M - DIN 352

Maschi a mano in serie di 3 pezzi composta da sbozzatore (P), intermedio (S), finitore (T)
Hand taps, series in set of 3 pieces, consisting of taper (P), plug (S) and bottom (T)

d_1	P		l_1	l_2	d_2 (h9**)	a (h12)	6615P	6615S	6615T	6615 (Serie | Set)	6618P	6618S	6618T	6618 (Serie | Set)
10,0	1,50	8,50	70	24,0	7,0	6,2	●	●	●	●	●	●	●	●
11,0	1,50	9,50	70	24,0	8,0	5,5	●	●	●	●	–	–	–	–
12,0	1,75	10,20	75	29,0	9,0	7,0	●	●	●	●	●	●	●	●
14,0	2,00	12,00	80	30,0	11,0	9,0	●	●	●	●	●	●	●	●
16,0	2,00	14,00	80	32,0	12,0	9,0	●	●	●	●	●	●	●	●
18,0	2,50	15,50	95	40,0	14,0	11,0	●	●	●	●	–	■	■	–
20,0	2,50	17,50	95	40,0	16,0	12,0	●	●	●	●	●	●	●	●
22,0	2,50	19,50	100	40,0	18,0	14,5	●	●	●	●	–	–	–	–
24,0	3,00	21,00	110	50,0	18,0	14,5	●	●	●	●	–	–	–	–
27,0	3,00	24,00	110	50,0	20,0	16,0	●	●	●	●	–	–	–	–
30,0	3,50	26,50	125	56,0	22,0	18,0	●	●	●	●	–	–	–	–
33,0	3,50	29,50	125	56,0	25,0	20,0	●	●	●	●	–	–	–	–
36,0	4,00	32,00	150	63,0	28,0	22,0	●	●	●	●	–	–	–	–
39,0	4,00	35,00	150	63,0	32,0	24,0	●	●	●	●	–	–	–	–
42,0	4,50	37,50	150	63,0	32,0	24,0	●	●	●	●	–	–	–	–
45,0	4,50	40,50	160	70,0	36,0	29,0	●	●	●	●	–	–	–	–
48,0	5,00	43,00	180	75,0	36,0	29,0	●	●	●	●	–	–	–	–
52,0	5,00	47,00	180	75,0	40,0	32,0	●	●	●	●	–	–	–	–
56,0	5,50	50,50	200	85,0	45,0	35,0	●	●	●	●	–	–	–	–
60,0	5,50	54,50	200	85,0	45,0	35,0	●	●	●	●	–	–	–	–
64,0	6,00	58,00	220	90,0	50,0	39,0	●	●	●	●	–	–	–	–
68,0	6,00	62,00	220	90,0	50,0	29,0	●	●	●	●	–	–	–	–

02/02

** La tolleranza del gambo per il 1° e 2° maschio è h 12 | Shank tolerance of 1st and 2nd tap h 12

■ Fino ad esaurimento scorte | Till stocks last

M - DIN 352

Maschi a mano in serie di 3 pezzi composta da sbozzatore (P), intermedio (S), finitore (T)
Hand taps, series in set of 3 pieces, consisting of taper (P), plug (S) and bottom (T)

6614P	6614S	6614T		6625P	6625S	6625T		d_1	P		l_1	l_2
6614 (Serie | Set)				**6625** (Serie | Set)								
6614P	6614S	6614T	6614	6625P	6625S	6625T	6625					
●	●	●	●	●	●	●	●	**10,0**	1,50	8,50	70	24,0
–	–	–	–	–	–	–	–	**11,0**	1,50	9,50	70	24,0
●	●	●	●	●	●	●	●	**12,0**	1,75	10,20	75	29,0
●	●	●	●	●	●	●	●	**14,0**	2,00	12,00	80	30,0
●	●	●	●	●	●	●	●	**16,0**	2,00	14,00	80	32,0
●	●	●	●	●	●	●	●	**18,0**	2,50	15,50	95	40,0
●	●	●	●	●	●	●	●	**20,0**	2,50	17,50	95	40,0
–	–	–	–	–	–	–	–	**22,0**	2,50	19,50	100	40,0
–	–	–	–	–	–	–	–	**24,0**	3,00	21,00	110	50,0
–	–	–	–	–	–	–	–	**27,0**	3,00	24,00	110	50,0
–	–	–	–	–	–	–	–	**30,0**	3,50	26,50	125	56,0
–	–	–	–	–	–	–	–	**33,0**	3,50	29,50	125	56,0
–	–	–	–	–	–	–	–	**36,0**	4,00	32,00	150	63,0
–	–	–	–	–	–	–	–	**39,0**	4,00	35,00	150	63,0
–	–	–	–	–	–	–	–	**42,0**	4,50	37,50	150	63,0
–	–	–	–	–	–	–	–	**45,0**	4,50	40,50	160	70,0
–	–	–	–	–	–	–	–	**48,0**	5,00	43,00	180	75,0
–	–	–	–	–	–	–	–	**52,0**	5,00	47,00	180	75,0
–	–	–	–	–	–	–	–	**56,0**	5,50	50,50	200	85,0
–	–	–	–	–	–	–	–	**60,0**	5,50	54,50	200	85,0
–	–	–	–	–	–	–	–	**64,0**	6,00	58,00	220	90,0
–	–	–	–	–	–	–	–	**68,0**	6,00	62,00	220	90,0

02/02

SET Maschi a mano in serie di 3 pezzi in cassetta metallica
Hand taps SET, series in set of 3 pieces in metal cases

M	352
DIN 13	DIN

MATERIALE | MATERIAL	HSS	HSS	HSS
TIPO | TYPE	N	N	N
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	-	-	-
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-	-
TOLLERANZA | TOLERANCE	6H	6H	6H
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	A/5-6	D/3-4	C/2,5-3
TIPO DI FORO | HOLE TYPE			

GRUPPO MATERIALI | MATERIAL GROUPS

P | **Acciai** | Steels	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M
K | **Ghise** | Cast Irons	K	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	S	S	S
H | **Acciai Temprati** | Hardened Steels	-	-	-

SET MASCHI A MANO Hand Taps SET		6615P	6615S	6615T
M 3	Sbozzatore (P) - Intermedio (S) - Finitore (T) Taper (P) - Plug (S) - Bottom (T)	●	●	●
M 4	Sbozzatore (P) - Intermedio (S) - Finitore (T) Taper (P) - Plug (S) - Bottom (T)	●	●	●
M 5	Sbozzatore (P) - Intermedio (S) - Finitore (T) Taper (P) - Plug (S) - Bottom (T)	●	●	●
M 6	Sbozzatore (P) - Intermedio (S) - Finitore (T) Taper (P) - Plug (S) - Bottom (T)	●	●	●
M 8	Sbozzatore (P) - Intermedio (S) - Finitore (T) Taper (P) - Plug (S) - Bottom (T)	●	●	●
M 10	Sbozzatore (P) - Intermedio (S) - Finitore (T) Taper (P) - Plug (S) - Bottom (T)	●	●	●
M 12	Sbozzatore (P) - Intermedio (S) - Finitore (T) Taper (P) - Plug (S) - Bottom (T)	●	●	●

6608-3/12

Codice d'ordine SET
SET Order Code

Cassetta metallica | Metal Case

M - DIN 352

SET Maschi a mano in serie di 3 pezzi e relative misure di punte (DIN 338) per preforatura
Hand taps SET, series in set of 3 pieces and twist drills for tap drill hole according to DIN 338

ILIX PRECISION

M	352
DIN 13	DIN

MATERIALE | MATERIAL	HSS	HSS	HSS
TIPO | TYPE	N	N	N
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	-	-	-
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-	-
TOLLERANZA | TOLERANCE	6H	6H	6H
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	A/5-6	D/3-4	C/2,5-3
TIPO DI FORO | HOLE TYPE			

GRUPPO MATERIALI MATERIAL GROUPS

P | **Acciai** | Steels	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M
K | **Ghise** | Cast Irons	K	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	S	S	S
H | **Acciai Temprati** | Hardened Steels	-	-	-

B 02

SET MASCHI A MANO E RELATIVE PUNTE PER PREFORO
Hand Taps SET and twist drills for tap drill hole

6151

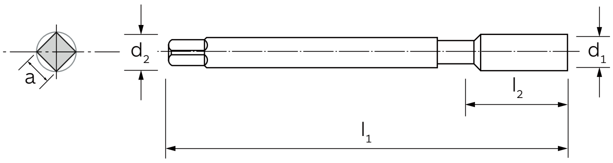
6609-3/12

Codice d'ordine SET
SET Order Code

Cassetta metallica | Metal Case

		6615P	6615S	6615T
M 3	Sbozzatore (P) - Intermedio (S) - Finitore (T) Taper (P) - Plug (S) - Bottom (T)	●	●	●
Ø **2,5**	**Punta 6151 - DIN 338 per preforatura** | Twist drills 6151 - DIN 338 for tap drill			
M 4	Sbozzatore (P) - Intermedio (S) - Finitore (T) Taper (P) - Plug (S) - Bottom (T)	●	●	●
Ø **3,3**	**Punta 6151 - DIN 338 per preforatura** | Twist drills 6151 - DIN 338 for tap drill			
M 5	Sbozzatore (P) - Intermedio (S) - Finitore (T) Taper (P) - Plug (S) - Bottom (T)	●	●	●
Ø **4,2**	**Punta 6151 - DIN 338 per preforatura** | Twist drills 6151 - DIN 338 for tap drill			
M 6	Sbozzatore (P) - Intermedio (S) - Finitore (T) Taper (P) - Plug (S) - Bottom (T)	●	●	●
Ø **5,0**	**Punta 6151 - DIN 338 per preforatura** | Twist drills 6151 - DIN 338 for tap drill			
M 8	Sbozzatore (P) - Intermedio (S) - Finitore (T) Taper (P) - Plug (S) - Bottom (T)	●	●	●
Ø **6,8**	**Punta 6151 - DIN 338 per preforatura** | Twist drills 6151 - DIN 338 for tap drill			
M 10	Sbozzatore (P) - Intermedio (S) - Finitore (T) Taper (P) - Plug (S) - Bottom (T)	●	●	●
Ø **8,5**	**Punta 6151 - DIN 338 per preforatura** | Twist drills 6151 - DIN 338 for tap drill			
M 12	Sbozzatore (P) - Intermedio (S) - Finitore (T) Taper (P) - Plug (S) - Bottom (T)	●	●	●
Ø **10,2**	**Punta 6151 - DIN 338 per preforatura** | Twist drills 6151 - DIN 338 for tap drill			

M	352	
DIN 13	DIN	P. 632➔



	6678	6659	6639	6604	66046G	6679
MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	N	N 15°	N 40°	N 40°	N 40°	Rapid
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	-	-	-	-	-	-
ANGOLO ELICA | HELIX ANGLE	0°	15°	40°	40°	40°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-	-	-	-	-
TOLLERANZA | TOLERANCE	6H	6H	6H	6H	6G	6H
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3	E/1,5-2	E/1,5-2	B/4-5
TIPO DI FORO | HOLE TYPE						
GRUPPO MATERIALI MATERIAL GROUPS — **P** | **Acciai** | Steels	P	P	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	-	-	-	-	-	M
K | **Ghise** | Cast Irons	K	K	K	K	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-	-	-	-	-	-
H | **Acciai Temprati** | Hardened Steels	-	-	-	-	-	-

d_1	P	⌀	l_1	l_2	l_2 (N 40°)	d_2 (h9)	a (h12)	6678	6659	6639	6604	66046G	6679
2,0	0,40	1,60	36	8	-	2,8	2,1	●	-	-	-	-	●
2,2	0,45	1,75	36	9	-	2,8	2,1	●	-	-	-	-	●
2,3*	0,40	1,90	36	9	-	2,8	2,1	●	-	-	-	-	●
2,5	0,45	2,05	40	9	-	2,8	2,1	●	-	-	-	-	●
2,6*	0,45	2,10	40	9	-	2,8	2,1	●	-	-	-	-	●
3,0	0,50	2,50	40	11	5	3,5	2,7	●	●	●	●	●	●
3,5	0,60	2,90	45	13	6	4,0	3,0	●	●	●	-	-	■
4,0	0,70	3,30	45	13	7	4,5	3,4	●	●	●	●	●	●
5,0	0,80	4,20	50	16	8	6,0	4,9	●	●	●	●	●	●
6,0	1,00	5,00	50	19	10	6,0	4,9	●	●	●	●	●	●
7,0	1,00	6,00	50	19	10	6,0	4,9	-	●	●	-	-	■
8,0	1,25	6,80	56	22	12	6,0	4,9	●	●	●	●	●	●
10,0	1,50	8,50	70	24	14	7,0	5,5	●	●	●	●	●	●
12,0	1,75	10,20	75	29	16	9,0	7,0	●	●	●	●	●	●
14,0	2,00	12,00	80	30	20	11,0	9,0	●	●	●	-	-	●
16,0	2,00	14,00	80	32	20	12,0	9,0	●	●	●	●	-	●
18,0	2,50	15,50	95	40	25	14,0	11,0	●	●	●	-	-	●
20,0	2,50	17,50	95	40	25	16,0	12,0	●	●	●	●	-	●
24,0	3,00	21,00	110	38	30	18,0	14,5	-	-	-	●	-	-

* **Misura non in standard ISO** | These sizes are not ISO standard.

■ **Fino ad esaurimento scorte** | Till stocks last

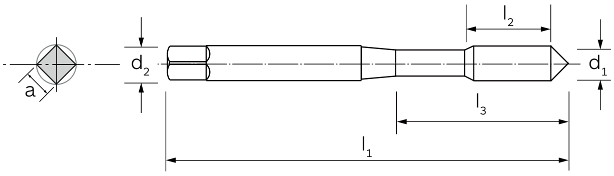
6613	6621	6648	6612	6624	
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
AZ	AZ	VA 15°	VA 15°	MS	**TIPO** | TYPE
–	–	–	–	–	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
0°	0°	15°	15°	0°	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↻	↻	↻	**DIREZIONE TAGLIO** | CUTTING DIRECTION
–	–	–	–	–	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
6H	6H	6HX	6HX	6H	**TOLLERANZA** | TOLERANCE
B/4-5	C/2,5-3	C/2,5-3	E/1,5-2	E/1,5-2	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
					TIPO DI FORO | HOLE TYPE
P	P	P	P	–	**P** | **Acciai** | Steels
M	M	M	M	–	**M** | **Acciai Inossidabili** | Stainless Steels
–	–	–	–	–	**K** | **Ghise** | Cast Irons
N	N	N	N	N	**N** | **Metalli non ferrosi** | Non-ferrous metals
–	–	S	S	–	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
–	–	–	–	–	**H** | **Acciai Temprati** | Hardened Steels

GRUPPO MATERIALI
MATERIAL GROUPS

B 02

6613	6621	6648	6612	6624	d_1	P		l_1	l_2
–	–	–	–	●	**2,0**	0,40	1,60	36	8
–	–	–	–	●	**2,2**	0,45	1,75	36	9
–	–	–	–	●	**2,3***	0,40	1,90	36	9
–	–	–	–	●	**2,5**	0,45	2,05	40	9
–	–	–	–	●	**2,6***	0,45	2,10	40	9
●	●	●	●	●	**3,0**	0,50	2,50	40	11
–	–	●	–	●	**3,5**	0,60	2,90	45	13
●	●	●	●	●	**4,0**	0,70	3,30	45	13
●	●	●	●	●	**5,0**	0,80	4,20	50	16
●	●	●	●	●	**6,0**	1,00	5,00	50	19
–	–	–	–	●	**7,0**	1,00	6,00	50	19
●	●	●	●	●	**8,0**	1,25	6,80	56	22
●	●	●	●	●	**10,0**	1,50	8,50	70	24
●	●	●	●	●	**12,0**	1,75	10,20	75	29
–	–	●	–	–	**14,0**	2,00	12,00	80	30
●	●	●	●	–	**16,0**	2,00	14,00	80	32
–	–	–	–	–	**18,0**	2,50	15,50	95	40
–	–	–	–	–	**20,0**	2,50	17,50	95	40
–	–	–	–	–	**24,0**	3,00	21,00	110	38

NEW 6878HL | M DIN 13 | 371 DIN | P. 632➔



	6706	6706TN	6712	6820	6657	66576G
MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	N	N	N	AZ	N 15°	N 15°
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	–	TiN	–	–	–	–
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°	0°	15°	15°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↺	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–	–	–	–
TOLLERANZA | TOLERANCE	6H	6H	6H	6H	6H	6G
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE						
GRUPPO MATERIALI MATERIAL GROUPS: **P** | **Acciai** | Steels	P	P	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	–	–	–	M	–	–
K | **Ghise** | Cast Irons	K	K	K	–	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–	–	–	–	–
H | **Acciai Temprati** | Hardened Steels	–	–	–	–	–	–

d_1	P	⌀	l_1	l_2	l_3	d_2 (h9)	a (h12)	6706	6706TN	6712	6820	6657	66576G
1,0	0,25	0,75	40	-	5,5	2,5	2,1	●	●	–	–	–	–
1,1	0,25	0,85	40	-	5,5	2,5	2,1	●	●	–	–	–	–
1,2	0,25	0,95	40	-	5,5	2,5	2,1	●	●	–	–	–	–
1,4	0,30	1,10	40	-	7	2,5	2,1	●	●	–	–	–	–
1,6	0,35	1,25	40	-	8	2,5	2,1	●	●	–	–	–	–
1,7*	0,35	1,30	40	-	8	2,5	2,1	●	●	–	–	–	–
1,8	0,35	1,45	40	-	8	2,5	2,1	●	●	–	–	–	–
2,0	0,40	1,60	45	4	8	2,8	2,1	●	●	–	●	●	●
2,2	0,45	1,75	45	4	9	2,8	2,1	●	–	–	–	–	–
2,3*	0,40	1,90	45	4	9	2,8	2,1	●	●	–	–	■	–
2,5	0,45	2,05	50	4	9	2,8	2,1	●	●	–	–	●	●
2,6*	0,45	2,10	50	4	9	2,8	2,1	●	●	–	–	●	–
3,0	0,50	2,50	56	5	11	3,5	2,7	●	●	●	●	●	●
3*	0,60	2,40	56	5	11	3,5	2,7	●	–	–	–	–	–
3,5	0,60	2,90	56	6	13	4,0	3,0	●	●	–	–	●	●
4,0	0,70	3,30	63	7	13	4,5	3,4	●	●	●	●	●	●
4*	0,75	3,25	63	7	13	4,5	3,4	●	–	–	–	–	–
5,0	0,80	4,20	70	8	16	6,0	4,9	●	●	●	●	●	●
5*	0,90	4,10	70	8	16	6,0	4,9	■	–	–	–	–	–
6,0	1,00	5,00	80	10	19	6,0	4,9	●	●	●	●	●	●
7,0	1,00	6,00	80	10	19	7,0	5,5	●	●	–	–	●	–
8,0	1,25	6,80	90	12	22	8,0	6,2	●	●	●	●	●	●
9,0	1,25	7,80	90	12	22	9,0	7,0	●	●	–	–	–	–
10,0	1,50	8,50	100	14	24	10,0	8,0	●	●	●	●	●	●

* **Misura non in standard ISO** | These sizes are not ISO standard. ■ **Fino ad esaurimento scorte** | Till stocks last

6657TN	6657TC	6902	6878	6878HL	
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
N 15°	N 15°	N 15°	HD 15°	HD 15°	**TIPO** | TYPE
TiN	TiCN	-	-	TiAlN HL EVO	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
15°	15°	15°	15°	15°	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↻	↻	↻	**DIREZIONE TAGLIO** | CUTTING DIRECTION
-	-	-	-	-	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
6H	6H	6H+0,1	6H	6H	**TOLLERANZA** | TOLERANCE
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
					TIPO DI FORO | HOLE TYPE
P	P	P	P	P	**P** | **Acciai** | Steels
M	M	-	-	-	**M** | **Acciai Inossidabili** | Stainless Steels
K	K	K	K	K	**K** | **Ghise** | Cast Irons
N	N	N	-	-	**N** | **Metalli non ferrosi** | Non-ferrous metals
-	-	-	-	-	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
-	-	-	-	-	**H** | **Acciai Temprati** | Hardened Steels

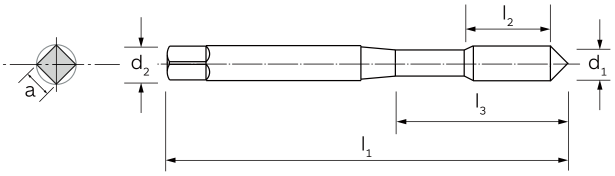
GRUPPO MATERIALI
MATERIAL GROUPS

B 02

6657TN	6657TC	6902	6878	6878HL	d_1	P		l_1	l_2
-	-	-	-	-	**1,0**	0,25	0,75	40	-
-	-	-	-	-	**1,1**	0,25	0,85	40	-
-	-	-	-	-	**1,2**	0,25	0,95	40	-
-	-	-	-	-	**1,4**	0,30	1,10	40	-
-	-	-	-	-	**1,6**	0,35	1,25	40	-
-	-	-	-	-	**1,7***	0,35	1,30	40	-
-	-	-	-	-	**1,8**	0,35	1,45	40	-
-	-	-	-	-	**2,0**	0,40	1,60	45	4
-	-	-	-	-	**2,2**	0,45	1,75	45	4
■	-	-	-	-	**2,3***	0,40	1,90	45	4
-	■	-	-	-	**2,5**	0,45	2,05	50	4
-	■	-	-	-	**2,6***	0,45	2,10	50	4
●	●	●	■	■	**3,0**	0,50	2,50	56	5
-	-	-	-	-	**3***	0,60	2,40	56	5
-	-	-	-	-	**3,5**	0,60	2,90	56	6
●	●	●	●	●	**4,0**	0,70	3,30	63	7
-	-	-	-	-	**4***	0,75	3,25	63	7
●	●	●	●	●	**5,0**	0,80	4,20	70	8
-	-	-	-	-	**5***	0,90	4,10	70	8
●	●	●	●	●	**6,0**	1,00	5,00	80	10
-	-	-	-	-	**7,0**	1,00	6,00	80	10
●	●	●	●	●	**8,0**	1,25	6,80	90	12
-	-	-	-	-	**9,0**	1,25	7,80	90	12
●	●	●	●	●	**10,0**	1,50	8,50	100	14

* **Misura non in standard ISO** | These sizes are not ISO standard. ■ **Fino ad esaurimento scorte** | Till stocks last

M	371	
DIN 13	DIN	P. 632➔



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	N 40°	N 40°	N 40°	N 40°	N 40°
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	-	VAP	-	TiN	-
ANGOLO ELICA | HELIX ANGLE	40°	40°	40°	40°	40°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-	-	-	-
TOLLERANZA | TOLERANCE	6H	6H	6G	6G	7G
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE					

GRUPPO MATERIALI MATERIAL GROUPS

P | **Acciai** | Steels	P	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	-	-	-	M	-
K | **Ghise** | Cast Irons	K	K	K	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-	-	-	-	-
H | **Acciai Temprati** | Hardened Steels	-	-	-	-	-

d_1	P		l_1	l_2	l_3	d_2 (h9)	a (h12)	6644	6644VP	66446G	6644TN (6G)**	66447G
1,0	0,25	0,75	40	-	5,5	2,5	2,1	-	-	-	-	-
1,1	0,25	0,85	40	-	5,5	2,5	2,1	-	-	-	-	-
1,2	0,25	0,95	40	-	5,5	2,5	2,1	-	-	-	-	-
1,4	0,30	1,10	40	-	7	2,5	2,1	-	-	-	-	-
1,6	0,35	1,25	40	-	8	2,5	2,1	-	-	-	-	-
1,7*	0,35	1,30	40	-	8	2,5	2,1	-	-	-	-	-
1,8	0,35	1,45	40	-	8	2,5	2,1	-	-	-	-	-
2,0	0,40	1,60	45	4,0	8	2,8	2,1	●	●	●	●	●
2,2	0,45	1,75	45	4,0	9	2,8	2,1	●	●	-	-	-
2,3*	0,40	1,90	45	4,0	9	2,8	2,1	●	●	-	-	-
2,5	0,45	2,05	50	4,0	9	2,8	2,1	●	●	●	●	●
2,6*	0,45	2,10	50	4,0	9	2,8	2,1	●	●	-	-	-
3,0	0,50	2,50	56	5,0	11	3,5	2,7	●	●	●	●	●
3*	0,60	2,40	56	5,0	11	3,5	2,7	-	-	-	-	-
3,5	0,60	2,90	56	6,0	13	4,0	3,0	●	●	●	●	-
4,0	0,70	3,30	63	7,0	13	4,5	3,4	●	●	●	●	●
4*	0,75	3,25	63	7,0	13	4,5	3,4	-	-	-	-	-
5,0	0,80	4,20	70	8,0	16	6,0	4,9	●	●	●	●	●
5*	0,90	4,10	70	8,0	16	6,0	4,9	-	-	-	-	-
6,0	1,00	5,00	80	10,0	19	6,0	4,9	●	●	●	●	●
7,0	1,00	6,00	80	10,0	19	7,0	5,5	●	●	●	●	-
8,0	1,25	6,80	90	12,0	22	8,0	6,2	●	●	●	●	●
9,0	1,25	7,80	90	12,0	22	9,0	7,0	●	-	-	-	-
10,0	1,50	8,50	100	14,0	24	10,0	8,0	●	●	●	●	●

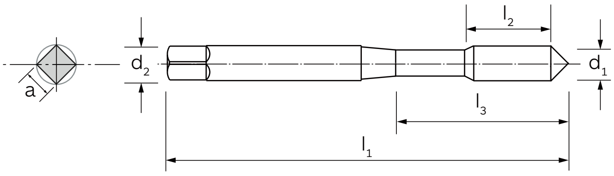
* **Misura non in standard ISO** | These sizes are not ISO standard. ** **Per tolleranza 6G codice d'ordine 6644TN (6G)** | For **6G** tolerance, order code **6644TN (6G)**

6644TN	6644TC	6867	6861	
HSS-Co	HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
N 40°	N 40°	N 40°	N SX 40°	**TIPO** | TYPE
TiN	TiCN	-	-	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
40°	40°	40°	40°	**ANGOLO ELICA** | HELIX ANGLE
				DIREZIONE TAGLIO | CUTTING DIRECTION
-	-	-	-	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
6H	6H	6H	6H	**TOLLERANZA** | TOLERANCE
C/2,5-3	C/2,5-3	E/1,5-2	C/2,5-3	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
				TIPO DI FORO | HOLE TYPE
P	P	P	P	**P** | **Acciai** | Steels
M	M	-	-	**M** | **Acciai Inossidabili** | Stainless Steels
K	K	K	K	**K** | **Ghise** | Cast Irons
N	N	N	N	**N** | **Metalli non ferrosi** | Non-ferrous metals
-	-	-	-	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
-	-	-	-	**H** | **Acciai Temprati** | Hardened Steels

GRUPPO MATERIALI
MATERIAL GROUPS

6644TN	6644TC	6867	6861	d_1	P		l_1	l_2
-	-	-	-	**1,0**	0,25	0,75	40	-
-	-	-	-	**1,1**	0,25	0,85	40	-
-	-	-	-	**1,2**	0,25	0,95	40	-
-	-	-	-	**1,4**	0,30	1,10	40	-
-	-	-	-	**1,6**	0,35	1,25	40	-
-	-	-	-	**1,7***	0,35	1,30	40	-
-	-	-	-	**1,8**	0,35	1,45	40	-
●	●	-	-	**2,0**	0,40	1,60	45	4,0
-	-	-	-	**2,2**	0,45	1,75	45	4,0
-	-	-	-	**2,3***	0,40	1,90	45	4,0
●	●	-	-	**2,5**	0,45	2,05	50	4,0
-	-	-	-	**2,6***	0,45	2,10	50	4,0
●	●	●	●	**3,0**	0,50	2,50	56	5,0
-	-	-	-	**3***	0,60	2,40	56	5,0
●	●	-	-	**3,5**	0,60	2,90	56	6,0
●	●	●	●	**4,0**	0,70	3,30	63	7,0
-	-	-	-	**4***	0,75	3,25	63	7,0
●	●	●	●	**5,0**	0,80	4,20	70	8,0
-	-	-	-	**5***	0,90	4,10	70	8,0
●	●	●	●	**6,0**	1,00	5,00	80	10,0
●	-	-	-	**7,0**	1,00	6,00	80	10,0
●	●	●	●	**8,0**	1,25	6,80	90	12,0
-	-	-	-	**9,0**	1,25	7,80	90	12,0
●	●	●	●	**10,0**	1,50	8,50	100	14,0

NEW	M	371	
....XP	DIN 13	DIN	P. 632→



		6654	6654VP	6654XP	6620XP	6661
	MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
	TIPO | TYPE	VA 15°	VA 15°	VA 15°	VA i 15°	VR 35°
	RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	–	VAP	AlCrN TOP	AlCrN TOP	–
	ANGOLO ELICA | HELIX ANGLE	15°	15°	15°	15°	35°
	DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻	↻
	LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–	A	–
	TOLLERANZA | TOLERANCE	6HX	6HX	6HX	6HX	6HX
	FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
	TIPO DI FORO | HOLE TYPE					
GRUPPO MATERIALI MATERIAL GROUPS	**P** | **Acciai** | Steels	P	P	P	P	P
	M | **Acciai Inossidabili** | Stainless Steels	M	M	M	M	M
	K | **Ghise** | Cast Irons	–	–	–	–	–
	N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N	–
	S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	S	S	S	S	–
	H | **Acciai Temprati** | Hardened Steels	–	–	–	–	–

d_1	P	⌀	l_1	l_2	l_3	d_2 (h9)	a (h12)	6654	6654VP	6654XP	6620XP	6661
2,0	0,40	1,60	45	4	8	2,8	2,1	●	●	●	–	●
2,2	0,45	1,75	45	4	9	2,8	2,1	●	●	–	–	●
2,3*	0,40	1,90	45	4	9	2,8	2,1	●	●	–	–	●
2,5	0,45	2,05	50	4	9	2,8	2,1	●	●	–	–	●
2,6*	0,45	2,10	50	4	9	2,8	2,1	●	●	–	–	●
3,0	0,50	2,50	56	5	11	3,5	2,7	●	●	●	–	●
3,5	0,60	2,90	56	6	13	4,0	3,0	●	●	–	–	■
4,0	0,70	3,30	63	7	13	4,5	3,4	●	●	●	–	●
5,0	0,80	4,20	70	8	16	6,0	4,9	●	●	●	–	●
6,0	1,00	5,00	80	10	19	6,0	4,9	●	●	●	●	●
7,0	1,00	6,00	80	10	19	7,0	5,5	●	●	■	–	●
8,0	1,25	6,80	90	12	22	8,0	6,2	●	●	●	●	●
10,0	1,50	8,50	100	14	24	10,0	8,0	●	●	●	●	●

* **Misura non in standard ISO** | These sizes are not ISO standard. ■ **Fino ad esaurimento scorte** | Till stocks last
I maschi 6661 sono rastremati a partire dal Ø3 mm. ad eccezione del Ø7 mm | Cat.-No. 6661 with back tapered from M 3 onwards, except M 7

6661VP	66616G	6661TN	6661XP	6850VP	6850TN	
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
VR 35°	VR 35°	VR 35°	VR 35°	VR 50°	VR 50°	**TIPO** | TYPE
VAP	–	TiN	AlCrN TOP	VAP	TiN	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
35°	35°	35°	35°	50°	50°	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↻	↻	↻	↻	**DIREZIONE TAGLIO** | CUTTING DIRECTION
–	–	–	–	–	–	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
6HX	6G	6HX	6HX	6HX	6HX	**TOLLERANZA** | TOLERANCE
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
						TIPO DI FORO | HOLE TYPE
P	P	P	P	P	P	**P** | **Acciai** | Steels
M	M	M	M	M	M	**M** | **Acciai Inossidabili** | Stainless Steels
–	–	–	–	–	–	**K** | **Ghise** | Cast Irons
–	–	–	–	–	–	**N** | **Metalli non ferrosi** | Non-ferrous metals
–	–	–	–	–	–	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
–	–	–	–	–	–	**H** | **Acciai Temprati** | Hardened Steels

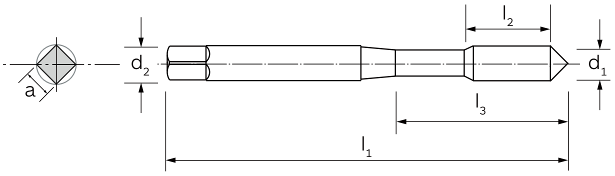
GRUPPO MATERIALI
MATERIAL GROUPS

6661VP	66616G	6661TN	6661XP	6850VP	6850TN	d_1	P		l_1	l_2
●	●	●	●	●	●	**2,0**	0,40	1,60	45	4
■	–	●	–	–	–	**2,2**	0,45	1,75	45	4
■	–	●	–	–	–	**2,3***	0,40	1,90	45	4
●	●	●	●	–	–	**2,5**	0,45	2,05	50	4
–	–	●	–	–	–	**2,6***	0,45	2,10	50	4
●	●	●	●	●	●	**3,0**	0,50	2,50	56	5
■	–	■	–	–	–	**3,5**	0,60	2,90	56	6
●	●	●	●	●	●	**4,0**	0,70	3,30	63	7
●	●	●	●	●	●	**5,0**	0,80	4,20	70	8
●	●	●	●	●	●	**6,0**	1,00	5,00	80	10
●	–	●	–	–	–	**7,0**	1,00	6,00	80	10
●	●	●	●	●	●	**8,0**	1,25	6,80	90	12
●	●	●	●	●	●	**10,0**	1,50	8,50	100	14

■ **Fino ad esaurimento scorte** | Till stocks last

Maschi a macchina con gambo rinforzato | Machine taps with reinforced shank

M	371	
DIN 13	DIN	P. 632→



	6631	6631TF	6629	6629TC	6643	6670
MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	GG	GG	MULTI GG i	MULTI GG i	ALU 45°	BAK
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	NIT	TiAlN Futura	NIT	TiCN	-	NIT
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°	0°	45°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-	A	A	-	-
TOLLERANZA | TOLERANCE	6HX	6HX	6HX	6HX	6H	6HX
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	E/1,5-2
TIPO DI FORO | HOLE TYPE						

GRUPPO MATERIALI | MATERIAL GROUPS

	6631	6631TF	6629	6629TC	6643	6670
P | **Acciai** | Steels	-	-	-	-	-	-
M | **Acciai Inossidabili** | Stainless Steels	-	-	-	-	-	-
K | **Ghise** | Cast Irons	K	K	K	K	-	-
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-	-	-	-	-	-
H | **Acciai Temprati** | Hardened Steels	-	-	-	-	-	-

d_1	P		l_1	l_2	l_3	d_2 (h9)	a (h12)	6631	6631TF	6629	6629TC	6643	6670
2,0	0,40	1,60	45	4	8	2,8	2,1	-	-	-	-	●	-
2,2	0,45	1,75	45	4	9	2,8	2,1	-	-	-	-	■	-
2,3*	0,40	1,90	45	4	9	2,8	2,1	-	-	-	-	-	■
2,5	0,45	2,05	50	4	9	2,8	2,1	-	-	-	-	●	-
2,6*	0,45	2,10	50	4	9	2,8	2,1	-	-	-	-	●	-
3,0	0,50	2,50	56	5	11	3,5	2,7	●	●	-	-	●	●
3,5	0,60	2,90	56	6	13	4,0	3,0	■	■	-	-	●	●
4,0	0,70	3,30	63	7	13	4,5	3,4	●	●	-	-	●	●
5,0	0,80	4,20	70	8	16	6,0	4,9	●	●	●	●	●	●
6,0	1,00	5,00	80	10	19	6,0	4,9	●	●	●	●	●	●
7,0	1,00	6,00	80	10	19	7,0	5,5	●	●	-	-	-	■
8,0	1,25	6,80	90	12	22	8,0	6,2	●	●	●	●	●	●
10,0	1,50	8,50	100	14	24	10,0	8,0	●	●	●	●	●	●

* **Misura non in standard ISO** | These sizes are not ISO standard. ■ **Fino ad esaurimento scorte** | Till stocks last

6666	66666G	66664H	6666TF	6681	6681TF	
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
HD 40°	HD 40°	HD 40°	HD 40°	HR 40°	HR 40°	**TIPO** | TYPE
–	–	–	TiAlN Futura	–	TiAlN Futura	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
40°	40°	40°	40°	40°	40°	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↻	↻	↻	↻	**DIREZIONE TAGLIO** | CUTTING DIRECTION
–	–	–	–	–	–	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
6H	6G	4H	6H	6H	6H	**TOLLERANZA** | TOLERANCE
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
						TIPO DI FORO | HOLE TYPE
P	P	P	P	P	P	**P** | **Acciai** | Steels
–	–	–	–	–	–	**M** | **Acciai Inossidabili** | Stainless Steels
K	K	K	K	–	–	**K** | **Ghise** | Cast Irons
–	–	–	–	–	–	**N** | **Metalli non ferrosi** | Non-ferrous metals
–	–	–	–	–	–	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
–	–	–	–	–	–	**H** | **Acciai Temprati** | Hardened Steels

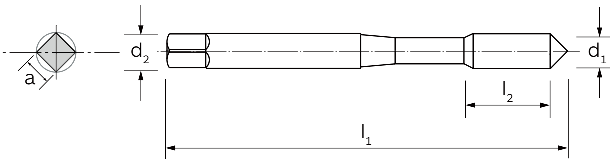
GRUPPO MATERIALI MATERIAL GROUPS

6666	66666G	66664H	6666TF	6681	6681TF	d_1	P		l_1	l_2
–	–	–	–	–	–	**2,0**	0,40	1,60	45	4
–	–	–	–	–	–	**2,2**	0,45	1,75	45	4
–	–	–	–	–	–	**2,3***	0,40	1,90	45	4
–	–	–	–	–	–	**2,5**	0,45	2,05	50	4
–	–	–	–	–	–	**2,6***	0,45	2,10	50	4
●	●	●	●	●	●	**3,0**	0,50	2,50	56	5
●	●	●	●	–	–	**3,5**	0,60	2,90	56	6
●	●	●	●	●	●	**4,0**	0,70	3,30	63	7
●	●	●	●	●	●	**5,0**	0,80	4,20	70	8
●	●	●	●	●	●	**6,0**	1,00	5,00	80	10
●	■	■	–	–	–	**7,0**	1,00	6,00	80	10
●	●	●	●	●	●	**8,0**	1,25	6,80	90	12
●	●	●	●	●	●	**10,0**	1,50	8,50	100	14

* **Misura non in standard ISO** | These sizes are not ISO standard. ■ **Fino ad esaurimento scorte** | Till stocks last

Maschi a macchina con gambo rinforzato | Machine taps with reinforced shank

M	371	
DIN 13	DIN	P. 632→



	6707	6707VP	67076G	6707TN (6G)**	67074H	67077G
MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	Rapid	Rapid	Rapid	Rapid	Rapid	Rapid
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	–	VAP	–	TiN	–	–
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°	0°	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–	–	–	–
TOLLERANZA | TOLERANCE	6H	6H	6G	6G	4H	7G
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5
TIPO DI FORO | HOLE TYPE						
GRUPPO MATERIALI / MATERIAL GROUPS						
P | **Acciai** | Steels	P	P	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M	M	M	M
K | **Ghise** | Cast Irons	K	K	K	K	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–	–	–	–	–
H | **Acciai Temprati** | Hardened Steels	–	–	–	–	–	–

d_1	P	⌀	l_1	l_2	d_2 (h9)	a (h12)	6707	6707VP	67076G	6707TN (6G)**	67074H	67077G
2,0	0,40	1,60	45	8	2,8	2,1	●	●	●	●	●	●
2,2	0,45	1,75	45	9	2,8	2,1	●	●	●	●	■	●
2,3*	0,40	1,90	45	9	2,8	2,1	●	●	–	–	–	–
2,5	0,45	2,05	50	9	2,8	2,1	●	●	●	●	●	●
2,6*	0,45	2,10	50	9	2,8	2,1	●	●	–	–	–	–
3,0	0,50	2,50	56	11	3,5	2,7	●	●	●	●	●	●
3*	0,60	2,40	56	11	3,5	2,7	■	–	■	–	–	–
3,5	0,60	2,90	56	13	4,0	3,0	●	●	●	●	●	–
4,0	0,70	3,30	63	13	4,5	3,4	●	●	●	●	●	●
4*	0,75	3,25	63	13	4,5	3,4	■	–	–	–	–	–
5,0	0,80	4,20	70	16	6,0	4,9	●	●	●	●	●	●
6,0	1,00	5,00	80	19	6,0	4,9	●	●	●	●	●	●
7,0	1,00	6,00	80	19	7,0	5,5	●	●	●	●	●	–
8,0	1,25	6,80	90	22	8,0	6,2	●	●	●	●	●	●
9,0	1,25	7,80	90	22	9,0	7,0	●	●	–	–	–	–
10,0	1,50	8,50	100	24	10,0	8,0	●	●	●	●	●	●

* **Misura non in standard ISO** | These sizes are not ISO standard. ** **Per tolleranza 6G codice d'ordine 6707TN (6G)** | For **6G** tolerance, order code **6707TN (6G)**

■ **Fino ad esaurimento scorte** | Till stocks last

M - DIN 371

Maschi a macchina con gambo rinforzato | Machine taps with reinforced shank

ILIX PRECISION

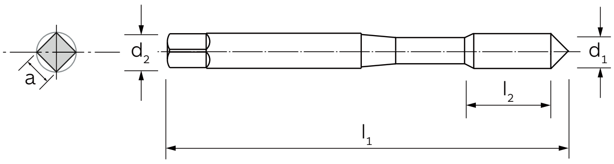
6707TN	6707TC	6640	66406G	6859	
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
Rapid	Rapid	Rapid 2	Rapid 2	N SX	**TIPO** | TYPE
TiN	TiCN	–	–	–	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
0°	0°	0°	0°	0°	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↻	↻	↺	**DIREZIONE TAGLIO** | CUTTING DIRECTION
–	–	–	–	–	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
6H	6H	6H	6G	6H	**TOLLERANZA** | TOLERANCE
B/4-5	B/4-5	B/4-5	B/4-5	B/4-5	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
					TIPO DI FORO | HOLE TYPE
P	P	–	–	P	**P** | **Acciai** | Steels
M	M	–	–	–	**M** | **Acciai Inossidabili** | Stainless Steels
K	K	–	–	K	**K** | **Ghise** | Cast Irons
N	N	N	N	N	**N** | **Metalli non ferrosi** | Non-ferrous metals
–	–	–	–	–	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
–	–	–	–	–	**H** | **Acciai Temprati** | Hardened Steels

GRUPPO MATERIALI
MATERIAL GROUPS

B 02

6707TN	6707TC	6640	66406G	6859	d_1	P		l_1	l_2
●	●	●	●	–	**2,0**	0,40	1,60	45	8
–	–	●	●	–	**2,2**	0,45	1,75	45	9
–	–	●	–	–	**2,3***	0,40	1,90	45	9
●	●	●	●	–	**2,5**	0,45	2,05	50	9
–	–	●	–	–	**2,6***	0,45	2,10	50	9
●	●	●	●	●	**3,0**	0,50	2,50	56	11
–	–	–	–	–	**3***	0,60	2,40	56	11
●	●	●	●	–	**3,5**	0,60	2,90	56	13
●	●	●	●	●	**4,0**	0,70	3,30	63	13
–	–	–	–	–	**4***	0,75	3,25	63	13
●	●	●	●	●	**5,0**	0,80	4,20	70	16
●	●	●	●	●	**6,0**	1,00	5,00	80	19
●	–	●	●	–	**7,0**	1,00	6,00	80	19
●	●	●	●	●	**8,0**	1,25	6,80	90	22
–	–	–	–	–	**9,0**	1,25	7,80	90	22
●	●	●	●	●	**10,0**	1,50	8,50	100	24

M	371	
DIN 13	DIN	P. 632→



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	Ultra	Ultra	Ultra-S	Ultra-S
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	NIT	NIT	NIT	NIT
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–	–
TOLLERANZA | TOLERANCE	6HX	6GX	6HX	6GX
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	B/4-5	B/4-5	B/4-5	B/4-5
TIPO DI FORO | HOLE TYPE				

GRUPPO MATERIALI | MATERIAL GROUPS

P | **Acciai** | Steels	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M	M
K | **Ghise** | Cast Irons	–	–	–	–
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–	–	–
H | **Acciai Temprati** | Hardened Steels	–	–	–	–

d_1	P		l_1	l_2	d_2 (h9)	a (h12)	6606	66066G	6649	66496G
2,0	0,40	1,60	45	8	2,8	2,1	●	●	■	–
2,2	0,45	1,75	45	9	2,8	2,1	●	●	■	■
2,3*	0,40	1,90	45	9	2,8	2,1	●	–	■	–
2,5	0,45	2,05	50	9	2,8	2,1	●	●	■	■
2,6*	0,45	2,10	50	9	2,8	2,1	●	–	■	–
3,0	0,50	2,50	56	11	3,5	2,7	●	●	■	■
3,5	0,60	2,90	56	13	4,0	3,0	●	●	–	■
4,0	0,70	3,30	63	13	4,5	3,4	●	●	■	■
4*	0,75	3,25	63	13	4,5	3,4	■	–	–	–
5,0	0,80	4,20	70	16	6,0	4,9	●	●	■	■
6,0	1,00	5,00	80	19	6,0	4,9	●	●	■	■
7,0	1,00	6,00	80	19	7,0	5,5	–	–	■	■
8,0	1,25	6,80	90	22	8,0	6,2	●	●	■	■
9,0	1,25	7,80	90	22	9,0	7,0	■	–	■	–
10,0	1,50	8,50	100	24	10,0	8,0	●	●	■	■

* **Misura non in standard ISO** | These sizes are not ISO standard. ■ **Fino ad esaurimento scorte** | Till stocks last

ILIX PRECISION

HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
Ultra-S	AZ	NL 15°	**TIPO** | TYPE
TiN	–	–	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
0°	0°	15°	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↻	**DIREZIONE TAGLIO** | CUTTING DIRECTION
–	–	–	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
6HX	6H	6H	**TOLLERANZA** | TOLERANCE
B/4-5	B/4-5	D/4-5	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
			TIPO DI FORO | HOLE TYPE
P	P	P	**P** | **Acciai** | Steels
M	M	–	**M** | **Acciai Inossidabili** | Stainless Steels
–	–	K	**K** | **Ghise** | Cast Irons
N	N	–	**N** | **Metalli non ferrosi** | Non-ferrous metals
–	–	–	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
–	–	–	**H** | **Acciai Temprati** | Hardened Steels

GRUPPO MATERIALI
MATERIAL GROUPS

B 02

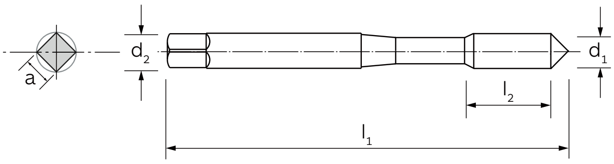
6649TN	6616	6727		d_1	P		l_1	l_2
■	●	–		**2,0**	0,40	1,60	45	8
–	●	–		**2,2**	0,45	1,75	45	9
–	●	–		**2,3***	0,40	1,90	45	9
–	●	–		**2,5**	0,45	2,05	50	9
–	●	–		**2,6***	0,45	2,10	50	9
■	●	●		**3,0**	0,50	2,50	56	11
–	●	■		**3,5**	0,60	2,90	56	13
■	●	●		**4,0**	0,70	3,30	63	13
–	–	–		**4***	0,75	3,25	63	13
■	●	●		**5,0**	0,80	4,20	70	16
■	●	●		**6,0**	1,00	5,00	80	19
■	●	–		**7,0**	1,00	6,00	80	19
–	●	●		**8,0**	1,25	6,80	90	22
–	–	–		**9,0**	1,25	7,80	90	22
–	●	●		**10,0**	1,50	8,50	100	24

* **Misura non in standard ISO** | These sizes are not ISO standard. ■ **Fino ad esaurimento scorte** | Till stocks last

M - DIN 371

Maschi a macchina con gambo rinforzato | Machine taps with reinforced shank

NEW 6646XP | M DIN 13 | 371 DIN | P. 632→



	6646	6646XP	6646VP	6646TN
MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	VA	VA	VA	VA
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	–	AlCrN TOP	VAP	TiN
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–	–
TOLLERANZA | TOLERANCE	6HX	6HX	6HX	6HX
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	B/4-5	B/4-5	B/4-5	B/4-5
TIPO DI FORO | HOLE TYPE				
GRUPPO MATERIALI MATERIAL GROUPS: **P** | **Acciai** | Steels	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M	M
K | **Ghise** | Cast Irons	–	–	–	–
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	S	S	S	S
H | **Acciai Temprati** | Hardened Steels	–	–	–	–

d_1	P	⌀	l_1	l_2	d_2 (h9)	a (h12)	6646	6646XP	6646VP	6646TN
2,0	0,40	1,60	45	8	2,8	2,1	●	–	●	●
2,2	0,45	1,75	45	9	2,8	2,1	●	–	●	●
2,3*	0,40	1,90	45	9	2,8	2,1	●	–	–	●
2,5	0,45	2,05	50	9	2,8	2,1	●	–	●	●
2,6*	0,45	2,10	50	9	2,8	2,1	●	–	–	●
3,0	0,50	2,50	56	11	3,5	2,7	●	●	●	●
3,5	0,60	2,90	56	13	4,0	3,0	●	–	●	●
4,0	0,70	3,30	63	13	4,5	3,4	●	●	●	●
5,0	0,80	4,20	70	16	6,0	4,9	●	●	●	●
6,0	1,00	5,00	80	19	6,0	4,9	●	●	●	●
7,0	1,00	6,00	80	19	7,0	5,5	●	●	●	●
8,0	1,25	6,80	90	22	8,0	6,2	●	●	●	●
10,0	1,50	8,50	100	24	10,0	8,0	●	●	●	●

* **Misura non in standard ISO** | These sizes are not ISO standard. ■ **Fino ad esaurimento scorte** | Till stocks last

M - DIN 371

Maschi a macchina con gambo rinforzato | Machine taps with reinforced shank

66466G	6641	6870	6870TF	
HSS-Co	HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
VA	ALU	HD	HD	**TIPO** | TYPE
–	–	–	TiAlN Futura	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
0°	0°	0°	0°	**ANGOLO ELICA** | HELIX ANGLE
				DIREZIONE TAGLIO | CUTTING DIRECTION
–	–	–	–	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
6GX	6H	6H	6H	**TOLLERANZA** | TOLERANCE
B/4-5	B/4-5	B/4-5	B/4-5	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
				TIPO DI FORO | HOLE TYPE
P	–	P	P	**P** | **Acciai** | Steels
M	–	–	–	**M** | **Acciai Inossidabili** | Stainless Steels
–	–	K	K	**K** | **Ghise** | Cast Irons
N	N	–	–	**N** | **Metalli non ferrosi** | Non-ferrous metals
S	–	–	–	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
–	–	–	–	**H** | **Acciai Temprati** | Hardened Steels

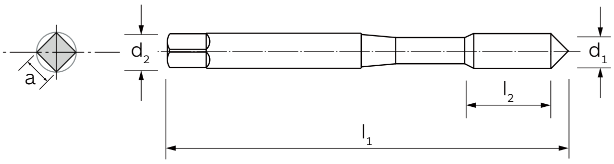
GRUPPO MATERIALI
MATERIAL GROUPS

66466G	6641	6870	6870TF	d_1	P		l_1	l_2
●	●	●	●	**2,0**	0,40	1,60	45	8
■	●	■	■	**2,2**	0,45	1,75	45	9
–	●	–	–	**2,3***	0,40	1,90	45	9
●	●	●	●	**2,5**	0,45	2,05	50	9
–	–	–	–	**2,6***	0,45	2,10	50	9
●	●	●	●	**3,0**	0,50	2,50	56	11
–	●	–	–	**3,5**	0,60	2,90	56	13
●	●	●	●	**4,0**	0,70	3,30	63	13
●	●	●	●	**5,0**	0,80	4,20	70	16
●	●	●	●	**6,0**	1,00	5,00	80	19
–	■	■	■	**7,0**	1,00	6,00	80	19
●	●	●	●	**8,0**	1,25	6,80	90	22
●	●	●	●	**10,0**	1,50	8,50	100	24

* **Misura non in standard ISO** | These sizes are not ISO standard. ■ **Fino ad esaurimento scorte** | Till stocks last

Maschi a macchina a rullare con gambo rinforzato | Cold forming machine taps with reinforced shank

M	2174	
DIN 13	DIN	P. 650



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	FORMER	FORMER	FORMER
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	NIT	-	TiN
ANGOLO ELICA | HELIX ANGLE	-	-	-
DIREZIONE TAGLIO | CUTTING DIRECTION			
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-	-
TOLLERANZA | TOLERANCE	6GX	6GX	6GX
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE			
GRUPPO MATERIALI MATERIAL GROUPS: **P** | **Acciai** | Steels	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M
K | **Ghise** | Cast Irons	-	-	-
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-	-	-
H | **Acciai Temprati** | Hardened Steels	-	-	-

d_1	P		l_1	l_2	d_2 (h9)	a (h12)	6622	6622BL	6622TN
1,1**	0,25	0,98	40	6	2,5	2,1	-	-	-
1,7*	0,35	1,55	40	8	2,5	2,1	-	-	-
1,8	0,35	1,65	40	8	2,5	2,1	-	-	-
2,0	0,40	1,80	45	8	2,8	2,1	●	●	●
2,2	0,45	2,00	45	9	2,8	2,1	-	-	-
2,3*	0,40	2,10	45	9	2,8	2,1	-	-	-
2,5	0,45	2,30	50	9	2,8	2,1	●	●	●
3,0	0,50	2,75	56	11	3,5	2,7	●	●	●
3,5	0,60	3,20	56	13	4,0	3,0	●	●	●
4,0	0,70	3,65	63	13	4,5	3,4	●	●	●
5,0	0,80	4,60	70	16	6,0	4,9	●	●	●
6,0	1,00	5,50	80	19	6,0	4,9	●	●	●
8,0	1,25	7,40	90	22	8,0	6,2	●	●	●
10,0	1,50	9,30	100	24	10,0	8,0	●	●	●

* **Misura non in standard ISO** | These sizes are not ISO standard. ■ **Fino ad esaurimento scorte** | Till stocks last
** **Tolleranza 5H** | Tolerance 5H

M - DIN 2174

Maschi a macchina a rullare con gambo rinforzato | Cold forming machine taps with reinforced shank

ILIX PRECISION

HSS-Co	HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
FORMER	FORMER	FORMER	FORMER	**TIPO** | TYPE
NIT	–	TiAlN Futura	TiN	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
–	–	–	–	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↻	↻	**DIREZIONE TAGLIO** | CUTTING DIRECTION
–	–	–	–	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
6HX	6HX	6HX	6HX	**TOLLERANZA** | TOLERANCE
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
				TIPO DI FORO | HOLE TYPE
P	P	P	P	**P** | **Acciai** | Steels
M	M	M	M	**M** | **Acciai Inossidabili** | Stainless Steels
–	–	–	–	**K** | **Ghise** | Cast Irons
N	N	N	N	**N** | **Metalli non ferrosi** | Non-ferrous metals
–	–	–	–	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
–	–	–	–	**H** | **Acciai Temprati** | Hardened Steels

GRUPPO MATERIALI
MATERIAL GROUPS

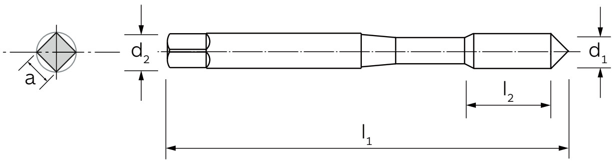
B
02

6722	6722BL	6722TF	6722TN		d_1	P	⌀	l_1	l_2
■	■	■	■		**1,1****	0,25	0,98	40	6
■	–	■	–		**1,7***	0,35	1,55	40	8
■	■	■	■		**1,8**	0,35	1,65	40	8
●	●	●	●		**2,0**	0,40	1,80	45	8
–	–	■	■		**2,2**	0,45	2,00	45	9
■	–	–	–		**2,3***	0,40	2,10	45	9
●	●	●	●		**2,5**	0,45	2,30	50	9
●	●	●	●		**3,0**	0,50	2,75	56	11
●	●	●	●		**3,5**	0,60	3,20	56	13
●	●	●	●		**4,0**	0,70	3,65	63	13
●	●	●	●		**5,0**	0,80	4,60	70	16
●	●	●	●		**6,0**	1,00	5,50	80	19
●	●	●	●		**8,0**	1,25	7,40	90	22
●	●	●	●		**10,0**	1,50	9,30	100	24

*** Misura non in standard ISO** | These sizes are not ISO standard. ■ **Fino ad esaurimento scorte** | Till stocks last
**** Tolleranza 5H** | Tolerance 5H

Maschi a macchina a rullare con gambo rinforzato e canalini di lubrificazione
Cold forming machine taps with reinforced shank and coolant grooves

M	2174	
DIN 13	DIN	P. 650



	6709	6808	6808BL	6709TN
MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	FORMER S	FORMER S	FORMER S	FORMER S
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	NIT	NIT	–	TiN
ANGOLO ELICA | HELIX ANGLE	–	–	–	–
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–	–
TOLLERANZA | TOLERANCE	6HX	6GX	6GX	6HX
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE				
P | **Acciai** | Steels	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M	M
K | **Ghise** | Cast Irons	–	–	–	–
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–	–	–
H | **Acciai Temprati** | Hardened Steels	–	–	–	–

GRUPPO MATERIALI MATERIAL GROUPS

d_1	P	⌀	l_1	l_2	d_2 (h9)	a (h12)	6709	6808	6808BL	6709TN
3,0	0,50	2,75	56	11	3,5	2,7	●	●	●	●
3,5	0,60	3,20	56	13	4,0	3,0	–	●	●	■
4,0	0,70	3,65	63	13	4,5	3,4	●	●	●	●
5,0	0,80	4,60	70	16	6,0	4,9	●	●	●	●
6,0	1,00	5,50	80	19	6,0	4,9	●	●	●	●
7,0	1,00	6,50	80	19	7,0	5,5	●	–	–	●
8,0	1,25	7,40	90	22	8,0	6,2	●	●	●	●
10,0	1,50	9,30	100	24	10,0	8,0	●	●	●	●

M - DIN 2174

Maschi a macchina a rullare con gambo rinforzato e canalini di lubrificazione
Cold forming machine taps with reinforced shank and coolant grooves

6808TN	6709TF	6819	
HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
FORMER S	FORMER S	FORMER S	**TIPO** | TYPE
TiN	TiAlN Futura	NIT	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
-	-	-	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↻	**DIREZIONE TAGLIO** | CUTTING DIRECTION
-	-	-	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
6GX	6HX	7GX	**TOLLERANZA** | TOLERANCE
C/2,5-3	C/2,5-3	C/2,5-3	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
			TIPO DI FORO | HOLE TYPE
P	P	P	**P** | **Acciai** | Steels
M	M	M	**M** | **Acciai Inossidabili** | Stainless Steels
-	-	-	**K** | **Ghise** | Cast Irons
N	N	N	**N** | **Metalli non ferrosi** | Non-ferrous metals
-	-	-	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
-	-	-	**H** | **Acciai Temprati** | Hardened Steels

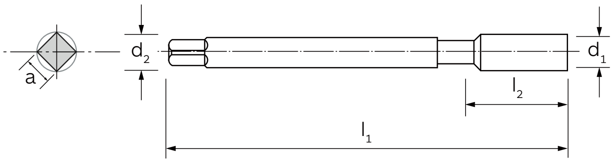
GRUPPO MATERIALI
MATERIAL GROUPS

6808TN	6709TF	6819		d_1	P		l_1	l_2
●	●	-		**3,0**	0,50	2,75	56	11
●	-	-		**3,5**	0,60	3,20	56	13
●	●	-		**4,0**	0,70	3,65	63	13
●	●	-		**5,0**	0,80	4,60	70	16
●	●	-		**6,0**	1,00	5,50	80	19
-	●	-		**7,0**	1,00	6,50	80	19
●	●	■		**8,0**	1,25	7,40	90	22
●	●	■		**10,0**	1,50	9,30	100	24

■ **Fino ad esaurimento scorte** | Till stocks last

Maschi a macchina con gambo passante | Machine taps with reduced shank

M	376	
DIN 13	DIN	P. 632➔



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	N	N	N SX	AZ	N 15°	N 15°
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	–	TiN	–	–	–	TiCN
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°	0°	15°	15°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↺	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–	–	–	–
TOLLERANZA | TOLERANCE	6H	6H	6H	6H	6H	6H
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE						

GRUPPO MATERIALI | MATERIAL GROUPS

P | **Acciai** | Steels	P	P	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	–	–	–	M	–	M
K | **Ghise** | Cast Irons	K	K	K	–	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–	–	–	–	–
H | **Acciai Temprati** | Hardened Steels	–	–	–	–	–	–

d_1	P		l_1	l_2	l_3 (N 40°)	d_2 (h9)	a (h12)	6705	6705TN	6715	6821	6658	6658TC
2,0	0,40	1,60	45	8	-	1,4	-	●	●	–	–	–	–
2,2	0,45	1,75	45	9	-	1,6	-	■	–	–	–	–	–
2,3*	0,40	1,90	45	9	-	1,6	-	■	–	–	–	–	–
2,5	0,45	2,05	50	9	-	1,8	-	●	●	–	–	–	–
2,6*	0,45	2,10	50	9	4	1,8	-	●	●	–	–	–	–
3,0	0,50	2,50	56	11	5	2,2	-	●	●	–	–	–	–
3,5	0,60	2,90	56	13	6	2,5	2,1	●	●	–	–	–	–
4,0	0,70	3,30	63	13	7	2,8	2,1	●	●	–	–	–	–
5,0	0,80	4,20	70	16	8	3,5	2,7	●	●	–	–	–	–
6,0	1,00	5,00	80	19	10	4,5	3,4	●	●	–	●	–	–
7,0	1,00	6,00	80	19	10	5,5	4,3	●	●	–	–	–	–
8,0	1,25	6,80	90	22	12	6,0	4,9	●	●	–	●	●	–
9,0	1,25	7,80	90	22	19	7,0	5,5	●	●	–	–	–	–
10,0	1,50	8,50	100	24	14	7,0	5,5	●	●	–	●	●	–
12,0	1,75	10,20	110	29	16	9,0	7,0	●	●	●	●	●	●
14,0	2,00	12,00	110	30	20	11,0	9,0	●	●	●	–	●	●
16,0	2,00	14,00	110	32	20	12,0	9,0	●	●	●	●	●	●
18,0	2,50	15,50	125	34	24	14,0	11,0	●	●	●	–	●	●
20,0	2,50	17,50	140	34	25	16,0	12,0	●	●	●	–	●	●
22,0	2,50	19,50	140	34	25	18,0	14,5	●	●	●	–	●	■
24,0	3,00	21,00	160	38	30	18,0	14,5	●	●	●	–	●	–
27,0	3,00	24,00	160	38	30	20,0	16,0	●	●	–	–	●	■
30,0	3,50	26,50	180	45	35	22,0	18,0	●	●	–	–	●	■
33,0	3,50	29,50	180	50	-	25,0	20,0	●	■	–	–	–	–
36,0	4,00	32,00	200	56	-	28,0	22,0	●	–	–	–	–	–

01/02

* **Misura non in standard ISO** | These sizes are not ISO standard. ■ **Fino ad esaurimento scorte** | Till stocks last

M - DIN 376

Maschi a macchina con gambo passante | Machine taps with reduced shank

6638	6638VP	66386G	66387G	6638TN	6638TC	6868	6862	
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
N 40°	N 40°	N 40°	N 40°	N 40°	N 40°	N 40°	N SX 40°	**TIPO** | TYPE
–	VAP	–	–	TiN	TiCN	–	–	**RIV./ TRAT.** | COATING/ TREAT.
40°	40°	40°	40°	40°	40°	40°	40°	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↻	↻	↻	↻	↻	↺	**DIR. TAGLIO** | CUTTING DIRECTION
–	–	–	–	–	–	–	–	**LUB. INT.** | INTERNAL COOLANT
6H	6H	6G	7G	6H	6H	6H	6H	**TOLLERANZA** | TOLERANCE
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	E/1,5-2	C/2,5-3	**F./FIL. D'IMB.** | CHAM. FORM/THRE.
								TIPO DI FORO | HOLE TYPE
P	P	P	P	P	P	P	P	**P** | **Acciai** | Steels
–	–	–	–	M	M	–	–	**M** | **Acciaio Inoss.** | Stainless Steel
K	K	K	K	K	K	K	K	**K** | **Ghise** | Cast Irons
N	N	N	N	N	N	N	N	**N** | **Metalli n.f.** | Non ferrous metals
–	–	–	–	–	–	–	–	**S** | **HRSA e Titanio** | HRSA and Tit.
–	–	–	–	–	–	–	–	**H** | **Acciai Temp.** | Hardened Steels

GRUPPO MATERIALI MATERIAL GROUPS

6638	6638VP	66386G	66387G	6638TN	6638TC	6868	6862	d_1	P		l_1	l_2 (N 40°)
–	–	–	–	–	–	–	–	**2,0**	0,40	1,60	45	-
–	–	–	–	–	–	–	–	**2,2**	0,45	1,75	45	-
–	–	–	–	–	–	–	–	**2,3***	0,40	1,90	45	-
–	–	–	–	–	–	–	–	**2,5**	0,45	2,05	50	-
–	–	–	–	–	–	–	–	**2,6***	0,45	2,10	50	4
●	●	●	–	–	–	–	–	**3,0**	0,50	2,50	56	5
■	■	–	–	–	–	–	–	**3,5**	0,60	2,90	56	6
●	●	●	–	–	–	–	–	**4,0**	0,70	3,30	63	7
●	●	●	–	–	–	–	–	**5,0**	0,80	4,20	70	8
●	●	●	–	–	–	–	–	**6,0**	1,00	5,00	80	10
●	–	–	–	–	–	–	–	**7,0**	1,00	6,00	80	10
●	●	●	●	–	–	–	–	**8,0**	1,25	6,80	90	12
●	■	–	–	–	–	–	–	**9,0**	1,25	7,80	90	19
●	●	●	●	–	–	–	–	**10,0**	1,50	8,50	100	14
●	●	●	●	●	●	●	●	**12,0**	1,75	10,20	110	16
●	●	●	–	●	●	●	●	**14,0**	2,00	12,00	110	20
●	●	●	●	●	●	●	●	**16,0**	2,00	14,00	110	20
●	●	●	–	●	●	●	–	**18,0**	2,50	15,50	125	24
●	●	●	●	●	●	●	●	**20,0**	2,50	17,50	140	25
●	●	●	–	–	–	–	–	**22,0**	2,50	19,50	140	25
●	●	●	●	–	–	–	–	**24,0**	3,00	21,00	160	30
●	●	–	–	–	–	–	–	**27,0**	3,00	24,00	160	30
●	●	■	–	–	–	–	–	**30,0**	3,50	26,50	180	35
●	–	–	–	–	–	–	–	**33,0**	3,50	29,50	180	-
●	–	–	–	–	–	–	–	**36,0**	4,00	32,00	200	-

01/02

* **Misura non in standard ISO** | These sizes are not ISO standard. ■ **Fino ad esaurimento scorte** | Till stocks last

d_1	P		l_1	l_2	l_2 (N 40°)	d_2 (h9)	a (h12)	6705	6705TN	6715	6821	6658	6658TC
39,0	4,00	35,00	200	60	-	32,0	24,0	●	–	–	–	–	–
42,0	4,50	37,50	200	60	-	32,0	24,0	●	–	–	–	–	–
45,0	4,50	40,50	220	65	-	36,0	29,0	●	–	–	–	–	–
48,0	5,00	43,00	250	70	-	36,0	29,0	●	–	–	–	–	–
52,0	5,00	47,00	250	70	-	40,0	32,0	●	–	–	–	–	–

02/02

B
02

M - DIN 376

Maschi a macchina con gambo passante | Machine taps with reduced shank

6638	6638VP	66386G	66387G	6638TN	6638TC	6868	6862	d_1	P		l_1	l_2 (N 40°)
–	–	–	–	–	–	–	–	**39,0**	4,00	35,00	200	-
–	–	–	–	–	–	–	–	**42,0**	4,50	37,50	200	-
–	–	–	–	–	–	–	–	**45,0**	4,50	40,50	220	-
–	–	–	–	–	–	–	–	**48,0**	5,00	43,00	250	-
–	–	–	–	–	–	–	–	**52,0**	5,00	47,00	250	-

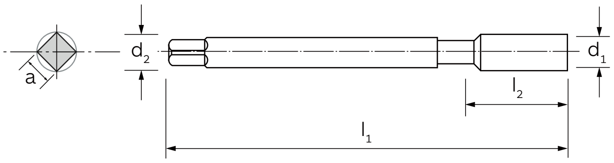
02/02

B
02

M - DIN 376

Maschi a macchina con gambo passante | Machine taps with reduced shank

NEW	NEW	M	376	
6634VP	....XP	DIN 13	DIN	P. 632➔



	6634VP	6605XP	6662	6662VP
MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	VA 15°	VA i 15°	VR 35°	VR 35°
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	VAP	AlCrN TOP	-	VAP
ANGOLO ELICA | HELIX ANGLE	15°	15°	35°	35°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	A	-	-
TOLLERANZA | TOLERANCE	6HX	6HX	6HX	6HX
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE				

GRUPPO MATERIALI MATERIAL GROUPS

	6634VP	6605XP	6662	6662VP
P | **Acciai** | Steels	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M	M
K | **Ghise** | Cast Irons	-	-	-	-
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	-	-
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	S	S	-	-
H | **Acciai Temprati** | Hardened Steels	-	-	-	-

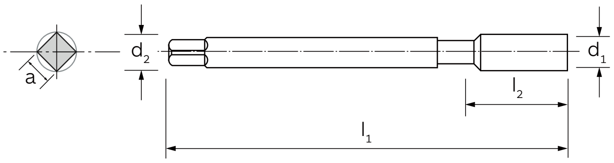
d_1	P	⌀	l_1	l_2	l_3 (35/50°)	d_2 (h9)	a (h12)	6634VP	6605XP	6662	6662VP
12	1,75	10,2	110	29	16	9	7,0	●	●	●	●
14	2,00	12,0	110	30	20	11	9,0	-	●	●	●
16	2,00	14,0	110	32	20	12	9,0	●	●	●	●
18	2,50	15,5	125	34	24	14	11,0	●	-	●	●
20	2,50	17,5	140	34	25	16	12,0	●	●	●	●
22	2,50	19,5	140	34	25	18	14,5	●	-	●	●
24	3,00	21,0	160	38	30	18	14,5	●	-	●	●

HSS-Co	HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
VR 35°	VR 35°	VR 50°	VR 50°	**TIPO** | TYPE
AlCrN TOP	–	VAP	TiN	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
35°	35°	50°	50°	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↻	↻	**DIREZIONE TAGLIO** | CUTTING DIRECTION
–	–	–	–	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
6HX	6GX	6HX	6HX	**TOLLERANZA** | TOLERANCE
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
				TIPO DI FORO | HOLE TYPE
P	P	P	P	**P** | **Acciai** | Steels
M	M	M	M	**M** | **Acciai Inossidabili** | Stainless Steels
–	–	–	–	**K** | **Ghise** | Cast Irons
–	–	–	–	**N** | **Metalli non ferrosi** | Non-ferrous metals
–	–	–	–	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
–	–	–	–	**H** | **Acciai Temprati** | Hardened Steels

GRUPPO MATERIALI
MATERIAL GROUPS

6662XP	66626G	6851VP	6851TN	d_1	P		l_1	l_2 (VR 35/50°)
●	●	●	●	**12**	1,75	10,2	110	16
●	●	●	●	**14**	2,00	12,0	110	20
●	●	●	●	**16**	2,00	14,0	110	20
–	–	●	●	**18**	2,50	15,5	125	24
●	–	●	●	**20**	2,50	17,5	140	25
●	–	–	–	**22**	2,50	19,5	140	25
●	–	●	●	**24**	3,00	21,0	160	30

NEW	M	376	
6879HL	DIN 13	DIN	P. 632→



B
02

	6632	6632TF	6637	6637TC	6651	6879
MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	GG	GG	MULTI GG i	MULTI GG i	ALU 45°	HD 15°
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	NIT	TiAlN Futura	NIT	TiCN	-	-
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°	0°	45°	15°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-	A	A	-	-
TOLLERANZA | TOLERANCE	6HX	6HX	6HX	6HX	6HX	6H
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE						
GRUPPO MATERIALI MATERIAL GROUPS						
P | **Acciai** | Steels	-	-	-	-	-	P
M | **Acciai Inossidabili** | Stainless Steels	-	-	-	-	-	-
K | **Ghise** | Cast Irons	K	K	K	K	-	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N	N	-
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-	-	-	-	-	-
H | **Acciai Temprati** | Hardened Steels	-	-	-	-	-	-

d_1	P	⌀	l_1	l_2	l_3 (40/45°)	d_2 (h9)	a (h12)	6632	6632TF	6637	6637TC	6651	6879
3,0	0,50	2,5	56	11	5	2,2	-	-	-	-	-	-	-
3,5	0,60	2,9	56	13	6	2,5	2,1	-	-	-	-	-	-
4,0	0,70	3,3	63	13	7	2,8	2,1	-	-	-	-	-	-
5,0	0,80	4,2	70	16	8	3,5	2,7	-	-	-	-	-	-
6,0	1,00	5,0	80	19	10	4,5	3,4	●	●	-	-	-	-
7,0	1,00	6,0	80	19	10	5,5	4,3	●	●	-	-	-	-
8,0	1,25	6,8	90	22	12	6,0	4,9	●	●	-	-	●	-
10,0	1,50	8,5	100	24	14	7,0	5,5	●	●	-	-	●	-
12,0	1,75	10,2	110	29	16	9,0	7,0	●	●	●	●	●	●
14,0	2,00	12,0	110	30	20	11,0	9,0	●	●	-	-	●	●
16,0	2,00	14,0	110	32	20	12,0	9,0	●	●	●	●	●	●
18,0	2,50	15,5	125	34	24	14,0	11,0	●	●	●	●	■	●
20,0	2,50	17,5	140	34	25	16,0	12,0	●	●	●	●	●	●
22,0	2,50	19,5	140	34	25	18,0	14,5	■	-	-	-	-	●
24,0	3,00	21,0	160	38	30	18,0	14,5	●	●	-	-	-	●
27,0	3,00	24,0	160	38	30	20,0	16,0	●	●	-	-	-	■
30,0	3,50	26,5	180	45	35	22,0	18,0	●	●	-	-	-	■

■ **Fino ad esaurimento scorte** | Till stocks last

Maschi a macchina con gambo passante | Machine taps with reduced shank

ILIX PRECISION

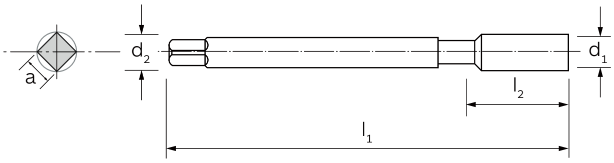
6879HL	6667	6667TN	6667TF	6689	6689TF	
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
HD 15°	HD 40°	HD 40°	HD 40°	HR 40°	HR 40°	**TIPO** | TYPE
TiAlN HL EVO	–	TiN	TiAlN Futura	–	TiAlN Futura	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
15°	40°	40°	40°	40°	40°	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↻	↻	↻	↻	**DIREZIONE TAGLIO** | CUTTING DIRECTION
–	–	–	–	–	–	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
6H	6H	6H	6H	6H	6H	**TOLLERANZA** | TOLERANCE
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
						TIPO DI FORO | HOLE TYPE
P	P	P	P	P	P	**P** | **Acciai** | Steels
–	–	–	–	–	–	**M** | **Acciai Inossidabili** | Stainless Steels
K	K	K	K	–	–	**K** | **Ghise** | Cast Irons
–	–	–	–	–	–	**N** | **Metalli non ferrosi** | Non-ferrous metals
–	–	–	–	–	–	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
–	–	–	–	–	–	**H** | **Acciai Temprati** | Hardened Steels

GRUPPO MATERIALI
MATERIAL GROUPS

6879HL	6667	6667TN	6667TF	6689	6689TF	d_1	P	⌀	l_1	l_2 (40/45°)
–	●	●	●	–	–	**3,0**	0,50	2,5	56	5
–	●	●	●	–	–	**3,5**	0,60	2,9	56	6
–	●	●	●	–	–	**4,0**	0,70	3,3	63	7
–	●	●	●	–	–	**5,0**	0,80	4,2	70	8
–	●	●	●	–	–	**6,0**	1,00	5,0	80	10
–	■	●	■	–	–	**7,0**	1,00	6,0	80	10
–	●	●	●	–	–	**8,0**	1,25	6,8	90	12
–	●	●	●	–	–	**10,0**	1,50	8,5	100	14
●	●	●	●	●	●	**12,0**	1,75	10,2	110	16
●	●	●	●	●	●	**14,0**	2,00	12,0	110	20
●	●	●	●	●	●	**16,0**	2,00	14,0	110	20
●	●	●	●	●	●	**18,0**	2,50	15,5	125	24
●	●	●	●	●	●	**20,0**	2,50	17,5	140	25
●	–	–	–	–	–	**22,0**	2,50	19,5	140	25
●	●	–	–	–	–	**24,0**	3,00	21,0	160	30
■	–	–	–	–	–	**27,0**	3,00	24,0	160	30
■	–	–	–	–	–	**30,0**	3,50	26,5	180	35

■ **Fino ad esaurimento scorte** | Till stocks last

M	376	
DIN 13	DIN	P. 632→



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	Rapid	Rapid	Rapid	Rapid
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	–	VAP	–	TiN
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–	–
TOLLERANZA | TOLERANCE	6H	6H	6G	6H
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	B/4-5	B/4-5	B/4-5	B/4-5
TIPO DI FORO | HOLE TYPE				

GRUPPO MATERIALI MATERIAL GROUPS

P | **Acciai** | Steels	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M	M
K | **Ghise** | Cast Irons	K	K	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–	–	–
H | **Acciai Temprati** | Hardened Steels	–	–	–	–

d_1	P	⌀	l_1	l_2	d_2 (h9)	a (h12)	6711	6711VP	67116G	6711TN
2,0	0,40	1,60	45	8	1,4	-	●	●	●	–
2,2	0,45	1,75	45	9	1,6	-	●	■	–	–
2,3*	0,40	1,90	45	9	1,6	-	●	■	–	–
2,5	0,45	2,05	50	9	1,8	-	●	●	●	–
2,6*	0,45	2,10	50	9	1,8	-	●	–	–	–
3,0	0,50	2,50	56	11	2,2	-	●	●	●	–
3,5	0,60	2,90	56	13	2,5	2,1	●	●	●	–
4,0	0,70	3,30	63	13	2,8	2,1	●	●	●	–
5,0	0,80	4,20	70	16	3,5	2,7	●	●	●	–
6,0	1,00	5,00	80	19	4,5	3,4	●	●	●	●
7,0	1,00	6,00	80	19	5,5	4,3	●	●	–	–
8,0	1,25	6,80	90	22	6,0	4,9	●	●	●	●
9,0	1,25	7,80	90	22	7,0	5,5	●	●	–	–
10,0	1,50	8,50	100	24	7,0	5,5	●	●	●	●
12,0	1,75	10,20	110	29	9,0	7,0	●	●	●	●
14,0	2,00	12,00	110	30	11,0	9,0	●	●	●	●
16,0	2,00	14,00	110	32	12,0	9,0	●	●	●	●
18,0	2,50	15,50	125	34	14,0	11,0	●	●	●	●
20,0	2,50	17,50	140	34	16,0	12,0	●	●	●	●
22,0	2,50	19,50	140	34	18,0	14,5	●	●	●	–
24,0	3,00	21,00	160	38	18,0	14,5	●	●	●	●
27,0	3,00	24,00	160	38	20,0	16,0	●	●	■	–
30,0	3,50	26,50	180	45	22,0	18,0	●	●	–	●
33,0	3,50	29,50	180	50	25,0	20,0	●	●	–	–
36,0	4,00	32,00	200	56	28,0	22,0	●	●	■	–

01/02

* **Misura non in standard ISO** | These sizes are not ISO standard. ■ **Fino ad esaurimento scorte** | Till stocks last

ILIX PRECISION

HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
Rapid	Rapid	N SX	**TIPO** | TYPE
TiCN	-	-	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
0°	0°	0°	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↺	**DIREZIONE TAGLIO** | CUTTING DIRECTION
-	-	-	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
6H	7G	6H	**TOLLERANZA** | TOLERANCE
B/4-5	B/4-5	B/4-5	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
			TIPO DI FORO | HOLE TYPE
P	P	P	**P** | **Acciai** | Steels
M	M	-	**M** | **Acciai Inossidabili** | Stainless Steels
K	K	K	**K** | **Ghise** | Cast Irons
N	N	N	**N** | **Metalli non ferrosi** | Non-ferrous metals
-	-	-	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
-	-	-	**H** | **Acciai Temprati** | Hardened Steels

GRUPPO MATERIALI
MATERIAL GROUPS

B
02

6711TC	67117G	6860		d_1	P	⌀	l_1	l_2
-	-	-		**2,0**	0,40	1,60	45	8
-	-	-		**2,2**	0,45	1,75	45	9
-	-	-		**2,3***	0,40	1,90	45	9
-	-	-		**2,5**	0,45	2,05	50	9
-	-	-		**2,6***	0,45	2,10	50	9
-	-	-		**3,0**	0,50	2,50	56	11
-	-	-		**3,5**	0,60	2,90	56	13
-	-	-		**4,0**	0,70	3,30	63	13
-	-	-		**5,0**	0,80	4,20	70	16
●	-	-		**6,0**	1,00	5,00	80	19
-	-	-		**7,0**	1,00	6,00	80	19
●	-	-		**8,0**	1,25	6,80	90	22
-	-	-		**9,0**	1,25	7,80	90	22
●	-	-		**10,0**	1,50	8,50	100	24
●	●	●		**12,0**	1,75	10,20	110	29
●	-	●		**14,0**	2,00	12,00	110	30
●	●	●		**16,0**	2,00	14,00	110	32
●	-	●		**18,0**	2,50	15,50	125	34
●	●	●		**20,0**	2,50	17,50	140	34
-	-	-		**22,0**	2,50	19,50	140	34
●	●	-		**24,0**	3,00	21,00	160	38
-	-	-		**27,0**	3,00	24,00	160	38
●	-	-		**30,0**	3,50	26,50	180	45
-	-	-		**33,0**	3,50	29,50	180	50
-	-	-		**36,0**	4,00	32,00	200	56

01/02

* **Misura non in standard ISO** | These sizes are not ISO standard. ■ **Fino ad esaurimento scorte** | Till stocks last

d_1	P		l_1	l_2	d_2 (h9)	a (h12)	6711	6711VP	67116G	6711TN
39,0	4,00	35,00	200	60	32,0	24,0	●	–	–	–
42,0	4,50	37,50	200	60	32,0	24,0	●	–	–	–
45,0	4,50	40,50	220	65	36,0	29,0	●	■	–	–
48,0	5,00	43,00	250	70	36,0	29,0	●	–	–	–
52,0	5,00	47,00	250	70	40,0	32,0	●	■	–	–

02/02

M - DIN 376

Maschi a macchina con gambo passante | Machine taps with reduced shank

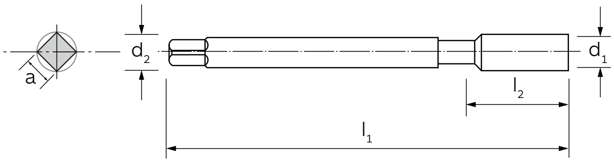
6711TC	67117G	6860		d_1	P		l_1	l_2
–	–	–		**39,0**	4,00	35,00	200	60
–	–	–		**42,0**	4,50	37,50	200	60
–	–	–		**45,0**	4,50	40,50	220	65
–	–	–		**48,0**	5,00	43,00	250	70
–	–	–		**52,0**	5,00	47,00	250	70

02/02

M - DIN 376

Maschi a macchina con gambo passante | Machine taps with reduced shank

NEW	M	376	
6647XP	DIN 13	DIN	P. 632→



		6617	6740	6647	6647VP	6647XP
	MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
	TIPO | TYPE	AZ	NL 15°	VA	VA	VA
	RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	-	-	-	VAP	AlCrN TOP
	ANGOLO ELICA | HELIX ANGLE	0°	0°	0°	0°	0°
	DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻	↻
	LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-	-	-	-
	TOLLERANZA | TOLERANCE	6H	6H	6HX	6HX	6HX
	FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5
	TIPO DI FORO | HOLE TYPE					
GRUPPO MATERIALI MATERIAL GROUPS	**P** | **Acciai** | Steels	P	P	P	P	P
	M | **Acciai Inossidabili** | Stainless Steels	M	-	M	M	M
	K | **Ghise** | Cast Irons	-	K	-	-	-
	N | **Metalli non ferrosi** | Non-ferrous metals	N	-	N	N	N
	S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-	-	S	S	S
	H | **Acciai Temprati** | Hardened Steels	-	-	-	-	-

d_1	P		l_1	l_2	d_2 (h9)	a (h12)	6617	6740	6647	6647VP	6647XP
12	1,75	10,20	110	29	9,0	7,0	●	●	●	●	●
14	2,00	12,00	110	30	11,0	9,0	●	●	●	●	●
16	2,00	14,00	110	32	12,0	9,0	●	●	●	●	●
18	2,50	15,50	125	34	14,0	11,0	-	●	●	●	●
20	2,50	17,50	140	34	16,0	12,0	●	●	●	●	●
22	2,50	19,50	140	34	18,0	14,5	-	-	●	●	●
24	3,00	21,00	160	38	18,0	14,5	-	-	●	●	●
27	3,00	24,00	160	38	20,0	16,0	-	-	●	●	●
30	3,50	26,50	180	45	22,0	18,0	-	-	●	●	●

B 02

M - DIN 376

Maschi a macchina con gambo passante | Machine taps with reduced shank

66476G	6871	6871TF	6642	
HSS-Co	HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
VA	HD	HD	ALU	**TIPO** | TYPE
–	–	TiAlN Futura	–	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
0°	0°	0°	0°	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↻	↻	**DIREZIONE TAGLIO** | CUTTING DIRECTION
–	–	–	–	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
6GX	6H	6H	6H	**TOLLERANZA** | TOLERANCE
B/4-5	B/4-5	B/4-5	B/4-5	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
				TIPO DI FORO | HOLE TYPE
P	P	P	–	**P** | **Acciai** | Steels
M	–	–	–	**M** | **Acciai Inossidabili** | Stainless Steels
–	K	K	–	**K** | **Ghise** | Cast Irons
N	–	–	N	**N** | **Metalli non ferrosi** | Non-ferrous metals
S	–	–	–	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
–	–	–	–	**H** | **Acciai Temprati** | Hardened Steels

GRUPPO MATERIALI
MATERIAL GROUPS

B
02

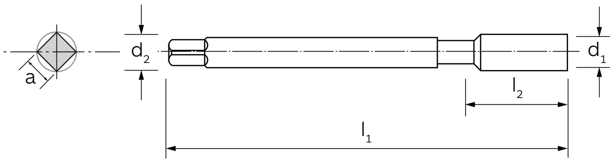
66476G	6871	6871TF	6642		d_1	P		l_1	l_2
●	●	●	●		**12**	1,75	10,20	110	29
●	●	●	–		**14**	2,00	12,00	110	30
●	●	●	●		**16**	2,00	14,00	110	32
–	●	●	■		**18**	2,50	15,50	125	34
–	●	●	–		**20**	2,50	17,50	140	34
–	–	–	–		**22**	2,50	19,50	140	34
–	●	●	–		**24**	3,00	21,00	160	38
–	●	●	–		**27**	3,00	24,00	160	38
–	●	●	–		**30**	3,50	26,50	180	45

■ **Fino ad esaurimento scorte** | Till stocks last

M - DIN 2174

Maschi a macchina a rullare con gambo passante, senza canalini di lubrificazione
Cold forming machine taps with reduced shank, without coolant grooves

M	2174	
DIN 13	DIN	P. 650



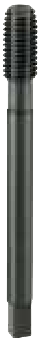
	6723	6623	6723TN	6623TN
	senza canalini di lubrificazione without coolant grooves	senza canalini di lubrificazione without coolant grooves	senza canalini di lubrificazione without coolant grooves	senza canalini di lubrificazione without coolant grooves
MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	FORMER	FORMER	FORMER	FORMER
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	NIT	NIT	TiN	TiN
ANGOLO ELICA | HELIX ANGLE	–	–	–	–
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–	–
TOLLERANZA | TOLERANCE	6HX	6GX	6HX	6GX
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE				
GRUPPO MATERIALI / MATERIAL GROUPS				
P | **Acciai** | Steels	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M	M
K | **Ghise** | Cast Irons	–	–	–	–
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–	–	–
H | **Acciai Temprati** | Hardened Steels	–	–	–	–

d_1	P		l_1	l_2	d_2 (h9)	a (h12)	6723	6623	6723TN	6623TN
12	1,75	11,2	110	29	9	7	●	●	●	●
14	2,00	13,0	110	30	11	9	●	●	●	●
16	2,00	15,0	110	32	12	9	●	●	●	●

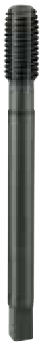
M - DIN 2174

Maschi a macchina a rullare con gambo passante, con canalini di lubrificazione
Cold forming machine taps with reduced shank, with coolant grooves

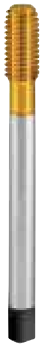
con canalini di lubrificazione
with coolant grooves



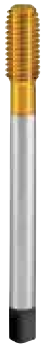
con canalini di lubrificazione
with coolant grooves



con canalini di lubrificazione
with coolant grooves



con canalini di lubrificazione
with coolant grooves



HSS-Co	HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
FORMER S	FORMER S	FORMER S	FORMER S	**TIPO** | TYPE
NIT	NIT	TiN	TiN	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
–	–	–	–	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↻	↻	**DIREZIONE TAGLIO** | CUTTING DIRECTION
–	–	–	–	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
6HX	6GX	6HX	6GX	**TOLLERANZA** | TOLERANCE
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
				TIPO DI FORO | HOLE TYPE
P	P	P	P	**P** | **Acciai** | Steels
M	M	M	M	**M** | **Acciai Inossidabili** | Stainless Steels
–	–	–	–	**K** | **Ghise** | Cast Irons
N	N	N	N	**N** | **Metalli non ferrosi** | Non-ferrous metals
–	–	–	–	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
–	–	–	–	**H** | **Acciai Temprati** | Hardened Steels

GRUPPO MATERIALI
MATERIAL GROUPS

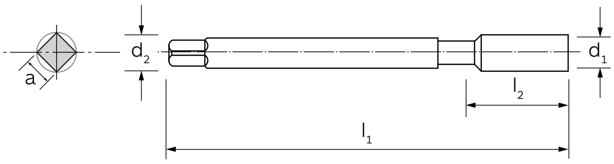
6725	6809	6725TN	6809TN		d_1	P		l_1	l_2
●	●	●	●		**12**	1,75	11,2	110	29
●	●	●	●		**14**	2,00	13,0	110	30
●	●	●	●		**16**	2,00	15,0	110	32

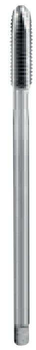
B
02

M — DIN 13

ILIX NORM — DIN

P. 648





MATERIALE | MATERIAL	HSS-Co
TIPO | TYPE	N
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	-
ANGOLO ELICA | HELIX ANGLE	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-
TOLLERANZA | TOLERANCE	6H
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	B/4-5
TIPO DI FORO | HOLE TYPE	

GRUPPO MATERIALI | MATERIAL GROUPS

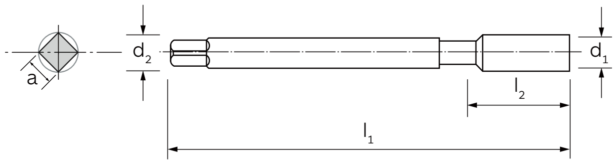
P | **Acciai** | Steels	P
M | **Acciai Inossidabili** | Stainless Steels	-
K | **Ghise** | Cast Irons	K
N | **Metalli non ferrosi** | Non-ferrous metals	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-
H | **Acciai Temprati** | Hardened Steels	-

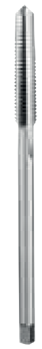
d_1	P	⌀	l_1	l_2	d_2 (h9)	a (h12)		6672
3	0,50	2,5	70	18	2,2	-		●
4	0,70	3,3	90	22	2,8	2,1		●
5	0,80	4,2	100	24	3,5	2,7		●
6	1,00	5,0	110	25	4,5	3,4		●
7	1,00	6,0	110	25	5,5	4,3		●
8	1,25	6,8	125	28	6,0	4,9		●
10	1,50	8,5	140	30	7,0	5,5		●
12	1,75	10,2	180	35	9,0	7,0		●
14	2,00	12,0	200	35	11,0	9,0		●

M - DIN 357

Maschi a macchina per dadi con gambo diritto e imbocco extra lungo
Machine nut taps with extra long chamfer, straight shank

M	357	
DIN 13	DIN 13	P. 648





MATERIALE | MATERIAL	HSS-Co
TIPO | TYPE	N
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	-
ANGOLO ELICA | HELIX ANGLE	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-
TOLLERANZA | TOLERANCE	6H
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	A/6-8
TIPO DI FORO | HOLE TYPE	

GRUPPO MATERIALI MATERIAL GROUPS

P | **Acciai** | Steels	P
M | **Acciai Inossidabili** | Stainless Steels	-
K | **Ghise** | Cast Irons	K
N | **Metalli non ferrosi** | Non-ferrous metals	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-
H | **Acciai Temprati** | Hardened Steels	-

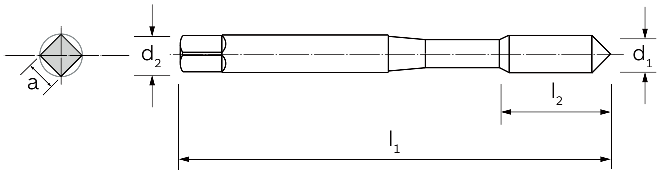
d_1	P		l_1	l_2	d_2 (h9)	a (h12)	6660
3,0	0,50	2,5	70	22	2,2	-	●
3,5	0,60	2,9	80	25	2,5	2,1	■
4,0	0,70	3,3	90	25	2,8	2,1	●
5,0	0,80	4,2	100	28	3,5	2,7	●
6,0	1,00	5,0	110	32	4,5	3,4	●
8,0	1,25	6,8	125	40	6,0	4,9	●
10,0	1,50	8,5	140	45	7,0	5,5	●
12,0	1,75	10,2	180	50	9,0	7,0	●
16,0	2,00	14,0	200	63	12,0	9,0	●
27,0	3,00	24,0	315	90	20,0	16,0	■
30,0	3,50	26,5	315	100	22,0	18,0	■

■ **Fino ad esaurimento scorte** | Till stocks last

M - ILIX NORM

Maschi a macchina con gambo extra lungo | Machine taps with extra long shank

M DIN 13 | **ILIX NORM** DIN | P. 648



MATERIALE | MATERIAL	HSS-Co
TIPO | TYPE	N
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	-
ANGOLO ELICA | HELIX ANGLE	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-
TOLLERANZA | TOLERANCE	6H
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	B/4-5
TIPO DI FORO | HOLE TYPE	

GRUPPO MATERIALI MATERIAL GROUPS

P | **Acciai** | Steels	P
M | **Acciai Inossidabili** | Stainless Steels	-
K | **Ghise** | Cast Irons	K
N | **Metalli non ferrosi** | Non-ferrous metals	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-
H | **Acciai Temprati** | Hardened Steels	-

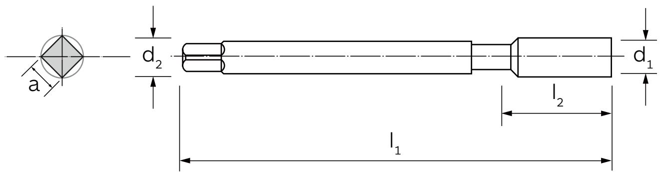
d_1	P	⌀	l_1	l_2	d_2 (h9)	a (h12)		6692
3	0,50	2,5	100	11	3,5	2,7		●
4	0,70	3,3	120	13	4,5	3,4		●
5	0,80	4,2	140	15	6,0	4,9		●
6	1,00	5,0	160	17	6,0	4,9		●
8	1,25	6,8	180	20	8,0	6,2		●

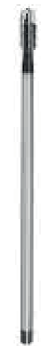
M - ILIX NORM

Maschi a macchina con gambo extra lungo | Machine taps with extra long shank

ILIX PRECISION

M	ILIX NORM	
DIN 13	DIN	P. 648





MATERIALE | MATERIAL	HSS-Co
TIPO | TYPE	N
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	–
ANGOLO ELICA | HELIX ANGLE	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–
TOLLERANZA | TOLERANCE	6H
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	B/4-5
TIPO DI FORO | HOLE TYPE	

GRUPPO MATERIALI MATERIAL GROUPS

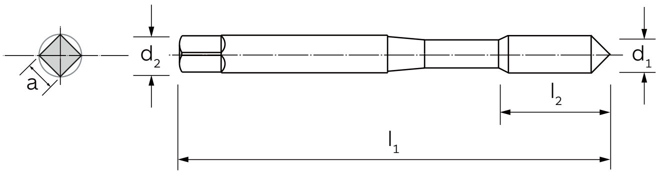
P | **Acciai** | Steels	P
M | **Acciai Inossidabili** | Stainless Steels	–
K | **Ghise** | Cast Irons	K
N | **Metalli non ferrosi** | Non-ferrous metals	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–
H | **Acciai Temprati** | Hardened Steels	–

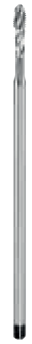
d_1	P		l_1	l_2	d_2 (h9)	a (h12)	6695
8	1,25	6,8	180	20	6,0	4,9	●
10	1,50	8,5	200	22	7,0	5,5	●
12	1,75	10,2	224	24	9,0	7,0	●
14	2,00	12,0	224	26	11,0	9,0	●
16	2,00	14,0	224	27	12,0	9,0	●
18	2,50	15,5	250	30	14,0	11,0	●
20	2,50	17,5	280	32	16,0	12,0	●

M - ILIX NORM

Maschi a macchina con gambo extra lungo | Machine taps with extra long shank

NEW TECH | **M** DIN 13 | **ILIX NORM** DIN | P. 648





MATERIALE | MATERIAL	HSS-Co
TIPO | TYPE	N 30°
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	–
ANGOLO ELICA | HELIX ANGLE	30°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–
TOLLERANZA | TOLERANCE	6H
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3
TIPO DI FORO | HOLE TYPE	

GRUPPO MATERIALI MATERIAL GROUPS

P | **Acciai** | Steels	P
M | **Acciai Inossidabili** | Stainless Steels	–
K | **Ghise** | Cast Irons	K
N | **Metalli non ferrosi** | Non-ferrous metals	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–
H | **Acciai Temprati** | Hardened Steels	–

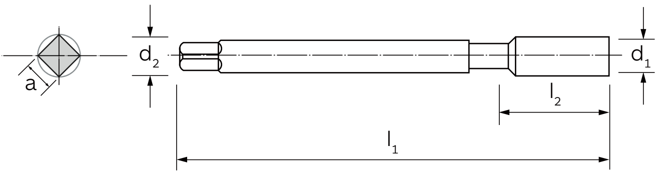
d_1	P		l_1	l_2	d_2 (h9)	a (h12)	6840
3	0,50	2,5	100	11	3,5	2,7	●
4	0,70	3,3	120	13	4,5	3,4	●
5	0,80	4,2	140	15	6,0	4,9	●
6	1,00	5,0	160	17	6,0	4,9	●
8	1,25	6,8	180	20	8,0	6,2	●

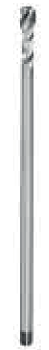
M - ILIX NORM

Maschi a macchina con gambo extra lungo | Machine taps with extra long shank

ILIX PRECISION

NEW TECH | M DIN 13 | ILIX NORM DIN | P. 648





MATERIALE | MATERIAL	HSS-Co
TIPO | TYPE	N 30°
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	–
ANGOLO ELICA | HELIX ANGLE	30°
DIREZIONE TAGLIO | CUTTING DIRECTION	
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–
TOLLERANZA | TOLERANCE	6H
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3
TIPO DI FORO | HOLE TYPE	

GRUPPO MATERIALI MATERIAL GROUPS

P | **Acciai** | Steels	P
M | **Acciai Inossidabili** | Stainless Steels	–
K | **Ghise** | Cast Irons	K
N | **Metalli non ferrosi** | Non-ferrous metals	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–
H | **Acciai Temprati** | Hardened Steels	–

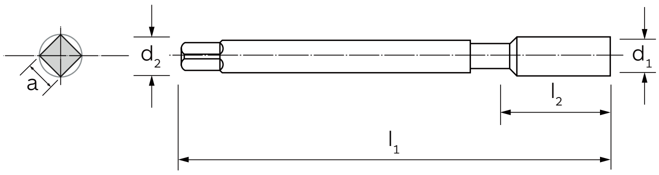
B 02

d_1	P		l_1	l_2	d_2 (h9)	a (h12)	6841
8	1,25	6,8	180	20	6	4,9	●
10	1,50	8,5	200	22	7	4,9	●
12	1,75	10,2	224	24	9	7,0	●
14	2,00	12,0	224	26	11	9,0	●
16	2,00	14,0	224	27	12	9,0	●
18	2,50	15,5	250	30	14	11,0	●
20	2,50	17,5	280	32	16	12,0	●

MF - DIN 2181

Maschi a mano in serie di 2 pezzi composta da sbozzatore (P) e finitore (T)
Hand taps, series in set of 2 pieces, consisting of taper (P) and bottom (T)

MF	2181
DIN 13	DIN



MATERIALE | MATERIAL	HSS	HSS
TIPO | TYPE	N	N
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	-	-
ANGOLO ELICA | HELIX ANGLE	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION		
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-
TOLLERANZA | TOLERANCE	6H	6H
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	A/5-6	C/2,5-3
TIPO DI FORO | HOLE TYPE		

GRUPPO MATERIALI MATERIAL GROUPS

P | **Acciai** | Steels	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M
K | **Ghise** | Cast Irons	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	S	S
H | **Acciai Temprati** | Hardened Steels	-	-

d_1	P		l_1	l_2	d_2 (h9)	a (h12)	6633P	6633T	6633 (Serie | Set)
2,0	**0,25**	1,8	36	8	2,8	2,1	●	●	●
2,2	**0,25**	2,0	36	9	2,8	2,1	●	●	●
2,3*	**0,25**	2,1	36	9	2,8	2,1	●	●	●
2,5	**0,35**	2,2	40	9	2,8	2,1	●	●	●
2,6	**0,35**	2,3	40	9	2,8	2,1	●	●	●
3,0	**0,35**	2,7	40	9	3,5	2,7	●	●	●
3,5	**0,35**	3,2	45	10	4,0	3,0	●	●	●
4,0	**0,50**	3,5	45	10	4,5	3,4	●	●	●
5,0	**0,50**	4,5	50	12	6,0	4,9	●	●	●
6,0	**0,50**	5,5	50	14	6,0	4,9	●	●	●
6,0	**0,75**	5,2	50	14	6,0	4,9	●	●	●
7,0	**0,75**	6,2	50	14	6,0	4,9	●	●	●
8,0	**0,50**	7,5	50	19	6,0	4,9	●	●	●
8,0	**0,75**	7,2	50	19	6,0	4,9	●	●	●
8,0	**1,00**	7,0	56	22	6,0	4,9	●	●	●
9,0	**1,00**	8,0	63	22	7,0	5,5	●	●	●
10,0	**0,75**	9,2	63	20	7,0	5,5	●	●	●
10,0	**1,00**	9,0	63	20	7,0	5,5	●	●	●
10,0	**1,25**	8,8	70	24	7,0	5,5	●	●	●
11,0	**1,00**	10,0	63	20	8,0	6,2	●	●	●
12,0	**1,00**	11,0	70	22	9,0	7,0	●	●	●
12,0	**1,25**	10,8	70	22	9,0	7,0	●	●	●
12,0	**1,50**	10,5	70	22	9,0	7,0	●	●	●
14,0	**1,00**	13,0	70	22	11,0	9,0	●	●	●

01/02

* **Misura non in standard ISO** | These sizes are not ISO standard.
In fase di ordinazione specificare sempre il Ø (d_1) e il passo (P) | When ordering, please state Ø (d1) and pitch (P)

MF - DIN 2181

Maschi a mano in serie di 2 pezzi composta da sbozzatore (P) e finitore (T)
Hand taps, series in set of 2 pieces, consisting of taper (P) and bottom (T)

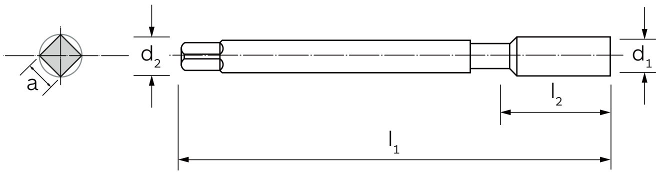
d_1	P		l_1	l_2	d_2 (h9)	a (h12)	6633P	6633T	6633 (Serie | Set)
14,0	**1,25***	12,8	70	22	11,0	9,0	●	●	●
14,0	**1,50**	12,5	70	22	11,0	9,0	●	●	●
15,0	**1,00**	14,0	70	22	12,0	9,0	●	●	●
15,0	**1,50**	13,5	70	22	12,0	9,0	●	●	●
16,0	**1,00**	15,0	70	22	12,0	9,0	●	●	●
16,0	**1,50**	14,5	70	22	12,0	9,0	●	●	●
18,0	**1,00**	17,0	80	22	14,0	11,0	●	●	●
18,0	**1,50**	16,5	80	22	14,0	11,0	●	●	●
18,0	**2,00**	16,0	80	22	14,0	11,0	●	●	●
20,0	**1,00**	19,0	80	22	16,0	12,0	●	●	●
20,0	**1,50**	18,5	80	22	16,0	12,0	●	●	●
20,0	**2,00**	18,0	80	22	16,0	12,0	●	●	●
22,0	**1,00**	21,0	80	22	18,0	14,5	●	●	●
22,0	**1,50**	20,5	80	22	18,0	14,5	●	●	●
22,0	**2,00**	20,0	80	22	18,0	14,5	●	●	●
24,0	**1,00**	23,0	90	22	18,0	14,5	●	●	●
24,0	**1,50**	22,5	90	22	18,0	14,5	●	●	●
24,0	**2,00**	22,0	90	22	18,0	14,5	●	●	●
26,0	**1,50**	24,5	90	22	18,0	14,5	●	●	●
27,0	**1,50**	25,5	90	22	20,0	16,0	●	●	●
27,0	**2,00**	25,0	90	22	20,0	16,0	●	●	●
28,0	**1,50**	26,5	90	22	20,0	16,0	●	●	●
30,0	**1,00**	29,0	90	22	22,0	18,0	●	●	●
30,0	**1,50**	28,5	90	22	22,0	18,0	●	●	●
30,0	**2,00**	28,0	90	22	22,0	18,0	●	●	●
32,0	**1,50**	30,5	90	22	22,0	18,0	●	●	●
33,0	**1,50**	31,5	100	25	25,0	20,0	●	●	●
34,0	**1,50**	32,5	100	25	28,0	22,0	●	●	●
35,0	**1,50**	33,5	100	25	25,0	20,0	●	●	●
36,0	**1,50**	34,5	100	25	28,0	22,0	●	●	●
36,0	**3,00**	33,0	125	40	28,0	22,0	●	●	●
38,0	**1,50**	36,5	100	25	28,0	22,0	●	●	●
40,0	**1,50**	38,5	110	25	32,0	24,0	●	●	●
42,0	**1,50**	40,5	110	25	32,0	24,0	●	●	●
45,0	**1,50**	43,5	110	25	36,0	29,0	●	●	●
48,0	**1,50**	46,5	140	40	36,0	29,0	●	●	●
48,0	**2,00**	46,0	140	40	36,0	29,0	●	●	●
48,0	**3,00**	45,0	140	40	36,0	29,0	●	●	●
50,0	**1,50**	48,5	140	40	36,0	29,0	●	●	●
52,0	**1,50**	50,5	140	40	40,0	32,0	●	●	●

02/02

*** Misura non in standard ISO** | These sizes are not ISO standard.
In fase di ordinazione specificare sempre il Ø (d_1) e il passo (P) | When ordering, please state Ø (d1) and pitch (P)

B 02

MF DIN 13 | **2181** DIN | P. 632➔



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	N	N 15°	MS
RIVESTIMENTO/ TRATTAMENTO | COATING/ TREATMENT	-	-	-
ANGOLO ELICA | HELIX ANGLE	0°	15°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-	-
TOLLERANZA | TOLERANCE	6H	6H	6H
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE			

GRUPPO MATERIALI MATERIAL GROUPS

P | **Acciai** | Steels	P	P	-
M | **Acciai Inossidabili** | Stainless Steels	-	-	-
K | **Ghise** | Cast Irons	K	K	-
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-	-	-
H | **Acciai Temprati** | Hardened Steels	-	-	-

d_1	P		l_1	l_2	d_2 (h9)	a (h12)		6899	6656	6724
4	**0,50**	3,5	45	10	4,5	3,4		-	-	●
5	**0,50**	4,5	50	12	6,0	4,9		-	●	●
6	**0,50**	5,5	56	14	6,0	4,9		●	●	●
6	**0,75**	5,2	56	14	6,0	4,9		●	-	●
7	**0,75**	6,2	56	14	6,0	4,9		-	-	●
8	**0,50**	7,5	56	18	6,0	4,9		●	●	●
8	**0,75**	7,2	56	18	6,0	4,9		●	●	●
8	**1,00**	7,0	63	22	6,0	4,9		●	-	●
9	**1,00**	8,0	63	22	6,0	4,9		●	-	●
10	**0,75**	9,2	63	20	7,0	5,5		●	-	●
10	**1,00**	9,0	63	20	7,0	5,5		●	●	●
10	**1,25**	8,8	70	24	7,0	5,5		●	-	●
11	**1,00**	10,0	63	20	8,0	6,2		-	-	●
12	**1,00**	11,0	70	22	9,0	7,0		●	●	●
12	**1,25**	10,8	70	22	9,0	7,0		●	-	●
12	**1,50**	10,5	70	22	9,0	7,0		●	●	●
14	**1,00**	10,5	70	22	11,0	9,0		●	-	-
14	**1,25**	10,5	70	22	11,0	9,0		●	-	-
14	**1,50**	12,5	70	22	11,0	9,0		●	●	-
16	**1,00**	12,5	70	22	11,0	9,0		●	-	-
16	**1,50**	14,5	70	22	11,0	9,0		●	●	-
18	**1,00**	14,5	80	22	14,0	11,0		●	-	-
18	**1,50**	16,5	80	22	14,0	11,0		●	●	-
18	**2,00**	16,5	80	22	14,0	11,0		●	-	-
20	**1,00**	16,5	80	22	16,0	12,0		●	-	-

01/02

In fase di ordinazione specificare sempre il Ø (d_1) e il passo (P) | When ordering, please state Ø (d1) and pitch (P)

DIN 2181

Maschi a macchina corti | Short machine taps

d_1	P		l_1	l_2	d_2 (h9)	a (h12)		6899	6656	6724
20	**1,50**	18,5	80	22	16,0	12,0		●	–	–
20	**2,00**	18,5	80	22	16,0	12,0		●	–	–

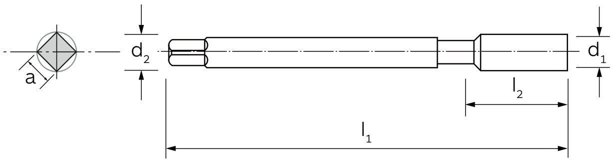
02/02

In fase di ordinazione specificare sempre il Ø (d_1) e il passo (P) | When ordering, please state Ø (d1) and pitch (P)

B
02

Maschi a macchina con gambo passante | Machine taps with reduced shank

MF	374	
DIN 13	DIN	P. 632→



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	N	N	N	N 15°	N 15°	N 15°
RIVESTIMENTO | COATING	-	TiN	TiCN	-	TiN	-
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°	15°	15°	15°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-	-	-	-	-
TOLLERANZA | TOLERANCE	6H	6H	6H	6H	6H	6H+0,1
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	E/1-2
TIPO DI FORO | HOLE TYPE						

GRUPPO MATERIALI MATERIAL GROUPS						
P | **Acciai** | Steels	P	P	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	-	-	-	-	M	-
K | **Ghise** | Cast Irons	K	K	K	K	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-	-	-	-	-	-
H | **Acciai Temprati** | Hardened Steels	-	-	-	-	-	-

d_1	P	∠	l_1	l_2	l_2 (40°)	d_2 (h9)	a (h12)	6726	6726TN	6726TC	6664	6664TN	6904
3,0	**0,35**	2,65	56	9	5	2,2	-	●	●	●	-	-	-
3,5	**0,35**	3,15	56	10	6	2,5	2,1	●	●	●	-	-	-
4,0	**0,50**	3,50	63	10	7	2,8	2,1	●	●	●	-	-	-
5,0	**0,50**	4,50	70	12	8	3,5	2,7	●	●	●	-	-	-
6,0	**0,50**	5,50	80	14	10	4,5	3,4	●	●	●	-	-	-
6,0	**0,75**	5,20	80	14	10	4,5	3,4	●	●	●	-	-	-
7,0	**0,75**	6,20	80	14	10	5,5	4,3	●	●	●	-	-	-
8,0	**0,50**	7,50	80	19	12	6,0	4,9	●	●	●	-	-	-
8,0	**0,75**	7,20	80	19	12	6,0	4,9	●	●	●	●	●	-
8,0	**1,00**	7,00	90	22	12	6,0	4,9	●	●	●	●	●	-
9,0	**1,00**	8,00	90	22	12	7,0	5,5	●	●	●	-	-	-
10,0	**0,75**	9,20	90	20	14	7,0	5,5	●	●	●	-	-	-
10,0	**1,00**	9,00	90	20	14	7,0	5,5	●	●	●	●	●	-
10,0	**1,25**	8,80	100	24	14	7,0	5,5	●	●	●	●	●	-
11,0	**1,00**	10,00	90	20	14	8,0	6,2	●	●	●	-	-	-
12,0	**1,00**	11,00	100	22	16	9,0	7,0	●	●	●	●	●	-
12,0	**1,25**	10,80	100	22	16	9,0	7,0	●	●	●	-	-	-
12,0	**1,50**	10,50	100	22	16	9,0	7,0	●	●	●	●	●	-
14,0	**1,00**	13,00	100	22	20	11,0	9,0	●	●	●	-	-	-
14,0*	**1,25**	12,80	100	22	20	11,0	9,0	●	●	●	-	-	-
14,0	**1,50**	12,50	100	22	20	11,0	9,0	●	●	●	●	●	-
15,0	**1,00**	14,00	100	22	20	12,0	9,0	●	●	●	-	-	-
15,0	**1,50**	13,50	100	22	20	12,0	9,0	●	●	●	-	-	-
16,0	**1,00**	15,00	100	22	20	12,0	9,0	●	●	●	-	-	-
16,0	**1,50**	14,50	100	22	20	12,0	9,0	●	●	●	●	●	-

01/02

*** Misura non in standard ISO** | These sizes are not ISO standard.
In fase di ordinazione specificare sempre il Ø (D) e il passo (P) | When ordering, please state Ø (D) and pitch (P)

MF - DIN 374

Maschi a macchina con gambo passante | Machine taps with reduced shank

MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	N SX 40°	N 40°	N 40°	N 40°	N 40°	N 40°
RIVESTIMENTO | COATING	–	–	VAP	TiN	TiCN	–
ANGOLO ELICA | HELIX ANGLE	40°	40°	40°	40°	40°	40°
DIREZIONE TAGLIO | CUTTING DIRECTION	↺	↻	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–	–	–	–
TOLLERANZA | TOLERANCE	6H	6H	6H	6H	6H	6H
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	E/1-2
TIPO DI FORO | HOLE TYPE						
P | **Acciai** | Steels	P	P	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	–	–	–	M	M	–
K | **Ghise** | Cast Irons	K	K	K	K	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–	–	–	–	–
H | **Acciai Temprati** | Hardened Steels	–	–	–	–	–	–

B 02

GRUPPO MATERIALI
MATERIAL GROUPS

6864	6652	6652VP	6652TN	6652TC	6877		d_1	P		l_1	l_2 (40°)
–	●	●	●	●	–		**3,0**	**0,35**	2,65	56	5
–	●	●	●	●	–		**3,5**	**0,35**	3,15	56	6
–	●	●	●	●	–		**4,0**	**0,50**	3,50	63	7
–	●	●	●	●	–		**5,0**	**0,50**	4,50	70	8
–	●	●	●	●	–		**6,0**	**0,50**	5,50	80	10
–	●	●	●	●	●		**6,0**	**0,75**	5,20	80	10
–	–	–	–	–	–		**7,0**	**0,75**	6,20	80	10
–	–	–	–	–	–		**8,0**	**0,50**	7,50	80	12
–	●	●	●	●	●		**8,0**	**0,75**	7,20	80	12
●	●	●	●	●	●		**8,0**	**1,00**	7,00	90	12
–	–	–	–	–	–		**9,0**	**1,00**	8,00	90	12
–	–	–	–	–	–		**10,0**	**0,75**	9,20	90	14
●	●	●	●	●	●		**10,0**	**1,00**	9,00	90	14
–	●	●	●	●	–		**10,0**	**1,25**	8,80	100	14
–	–	–	–	–	–		**11,0**	**1,00**	10,00	90	14
●	●	●	●	●	●		**12,0**	**1,00**	11,00	100	16
–	–	–	–	–	–		**12,0**	**1,25**	10,80	100	16
●	●	●	●	●	●		**12,0**	**1,50**	10,50	100	16
–	–	–	–	–	–		**14,0**	**1,00**	13,00	100	20
–	–	–	–	–	–		**14,0**	**1,25***	12,80	100	20
●	●	●	●	●	●		**14,0**	**1,50**	12,50	100	20
–	–	–	–	–	–		**15,0**	**1,00**	14,00	100	20
–	–	–	–	–	–		**15,0**	**1,50**	13,50	100	20
–	–	–	–	–	–		**16,0**	**1,00**	15,00	100	20
●	●	●	●	●	●		**16,0**	**1,50**	14,50	100	20

01/02

d_1	P		l_1	l_2	l_2 (40°)	d_2 (h9)	a (h12)	6726	6726TN	6726TC	6664	6664TN	6904
18,0	**1,00**	17,00	110	25	25	14,0	11,0	●	●	●	-	-	-
18,0	**1,50**	16,50	110	25	25	14,0	11,0	●	●	●	●	●	-
18,0	**2,00**	16,00	125	34	25	14,0	11,0	●	●	●	-	-	-
20,0	**1,00**	19,00	125	25	25	16,0	12,0	●	●	●	-	-	●
20,0	**1,50**	18,50	125	25	25	16,0	12,0	●	●	●	●	●	-
20,0	**2,00**	18,00	140	34	25	16,0	12,0	●	●	●	-	-	-
22,0	**1,00**	21,00	125	25	25	18,0	14,5	●	●	●	-	-	-
22,0	**1,50**	20,50	125	25	25	18,0	14,5	●	●	●	●	●	-
22,0	**2,00**	20,00	140	34	25	18,0	14,5	●	●	●	-	-	-
24,0	**1,00**	23,00	140	28	28	18,0	14,5	●	●	●	-	-	●
24,0	**1,50**	22,50	140	28	28	18,0	14,5	●	●	●	●	●	-
24,0	**2,00**	22,00	140	28	28	18,0	14,5	●	●	●	-	-	-
26,0	**1,50**	24,50	140	28	28	18,0	14,5	●	●	●	●	●	-
27,0	**1,50**	25,50	140	28	28	20,0	16,0	●	●	●	-	-	-
27,0	**2,00**	25,00	140	28	28	20,0	16,0	●	●	●	-	-	-
28,0	**1,50**	26,50	140	28	28	20,0	16,0	●	●	●	-	-	-
30,0	**1,00**	29,00	150	28	28	22,0	18,0	●	●	●	-	-	-
30,0	**1,50**	28,50	150	28	28	22,0	18,0	●	●	●	●	●	-
30,0	**2,00**	28,00	150	28	28	22,0	18,0	●	●	●	-	■	-
32,0	**1,50**	30,50	150	28	-	22,0	18,0	●	●	●	-	-	-
33,0	**1,50**	31,50	160	30	-	25,0	20,0	●	●	●	-	-	-
34,0	**1,50**	32,50	170	30	-	28,0	22,0	●	●	●	-	-	-
35,0	**1,50**	33,50	170	30	-	28,0	22,0	●	●	●	-	-	-
36,0	**1,50**	34,50	170	30	-	28,0	22,0	●	●	●	-	-	-
38,0	**1,50**	36,50	170	30	-	28,0	22,0	●	●	●	-	-	-
40,0	**1,50**	38,50	170	30	-	32,0	24,0	●	●	●	-	-	-
42,0	**1,50**	40,50	170	30	-	32,0	24,0	●	●	●	-	-	-
45,0	**1,50**	43,50	180	32	-	36,0	29,0	●	●	●	-	-	-
48,0	**1,50**	46,50	190	32	-	36,0	29,0	●	●	●	-	-	-
50,0	**1,50**	48,50	190	32	-	36,0	29,0	●	●	●	-	-	-
52,0	**1,50**	50,50	190	32	-	40,0	32,0	●	●	●	-	-	-

■ **Fino ad esaurimento scorte** | Till stocks last

In fase di ordinazione specificare sempre il Ø (D) e il passo (P) | When ordering, please state Ø (D) and pitch (P)

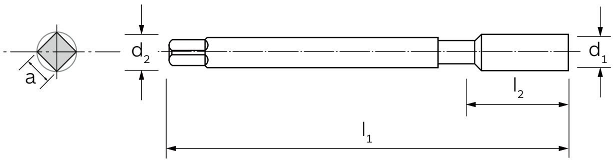
MF - DIN 374

Maschi a macchina con gambo passante | Machine taps with reduced shank

6864	6652	6652VP	6652TN	6652TC	6877	d_1	P		l_1	l_2 (40°)
–	–	–	–	–	–	**18,0**	**1,00**	17,00	110	25
●	●	●	●	●	●	**18,0**	**1,50**	16,50	110	25
–	–	–	–	–	–	**18,0**	**2,00**	16,00	125	25
–	–	–	–	–	–	**20,0**	**1,00**	19,00	125	25
●	●	●	●	●	●	**20,0**	**1,50**	18,50	125	25
–	–	–	–	–	–	**20,0**	**2,00**	18,00	140	25
–	–	–	–	–	–	**22,0**	**1,00**	21,00	125	25
–	●	●	●	●	–	**22,0**	**1,50**	20,50	125	25
–	–	–	–	–	–	**22,0**	**2,00**	20,00	140	25
–	–	–	–	–	–	**24,0**	**1,00**	23,00	140	28
–	●	●	●	●	–	**24,0**	**1,50**	22,50	140	28
–	–	–	–	–	–	**24,0**	**2,00**	22,00	140	28
–	●	●	●	●	–	**26,0**	**1,50**	24,50	140	28
–	●	●	●	●	–	**27,0**	**1,50**	25,50	140	28
–	●	–	●	●	–	**27,0**	**2,00**	25,00	140	28
–	●	●	●	●	–	**28,0**	**1,50**	26,50	140	28
–	–	–	–	–	–	**30,0**	**1,00**	29,00	150	28
–	●	●	●	●	–	**30,0**	**1,50**	28,50	150	28
–	●	–	●	●	–	**30,0**	**2,00**	28,00	150	28
–	–	–	–	–	–	**32,0**	**1,50**	30,50	150	-
–	–	–	–	–	–	**33,0**	**1,50**	31,50	160	-
–	–	–	–	–	–	**34,0**	**1,50**	32,50	170	-
–	–	–	–	–	–	**35,0**	**1,50**	33,50	170	-
–	–	–	–	–	–	**36,0**	**1,50**	34,50	170	-
–	–	–	–	–	–	**38,0**	**1,50**	36,50	170	-
–	–	–	–	–	–	**40,0**	**1,50**	38,50	170	-
–	–	–	–	–	–	**42,0**	**1,50**	40,50	170	-
–	–	–	–	–	–	**45,0**	**1,50**	43,50	180	-
–	–	–	–	–	–	**48,0**	**1,50**	46,50	190	-
–	–	–	–	–	–	**50,0**	**1,50**	48,50	190	-
–	–	–	–	–	–	**52,0**	**1,50**	50,50	190	-

02/02

NEW	NEW	MF	374	
....XP	6880HL	DIN 13	DIN	P. 632→



	6671	6626XP	6655	6655VP	6655XP
MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	VA 15°	VA i 15°	VA 35°	VA 35°	VA 35°
RIVESTIMENTO | COATING	–	AlCrN TOP	–	VAP	AlCrN TOP
ANGOLO ELICA | HELIX ANGLE	15°	15°	35°	35°	35°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	A	–	–	–
TOLLERANZA | TOLERANCE	6H	6H	6HX	6HX	6HX
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	D/3,5	C/2-3	C/2,5-3	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE					

GRUPPO MATERIALI MATERIAL GROUPS

	6671	6626XP	6655	6655VP	6655XP
P | **Acciai** | Steels	P	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M	M	M
K | **Ghise** | Cast Irons	–	–	–	–	–
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	S	S	S	S	S
H | **Acciai Temprati** | Hardened Steels	–	–	–	–	–

d_1	P	Ø	l_1	l_2	l_2 (35-45°)	d_2 (h9)	a (h12)	6671	6626XP	6655	6655VP	6655XP
3,0	**0,35**	2,65	56	9	5	2,2	-	–	–	–	–	–
3,5	**0,35**	3,15	56	10	6	2,5	2,1	–	–	–	–	–
4,0	**0,50**	3,50	63	10	7	2,8	2,1	–	–	–	–	–
5,0	**0,50**	4,50	70	12	8	3,5	2,7	–	–	–	–	–
6,0	**0,50**	5,50	80	14	10	4,5	3,4	–	–	–	–	–
6,0	**0,75**	5,20	80	14	10	4,5	3,4	–	–	–	–	–
7,0	**0,75**	6,20	80	14	10	5,5	4,3	–	–	–	–	–
8,0	**0,50**	7,50	80	19	12	6,0	4,9	–	–	–	–	–
8,0	**0,75**	7,20	80	19	12	6,0	4,9	–	–	–	–	–
8,0	**1,00**	7,00	90	22	12	6,0	4,9	●	●	●	●	●
9,0	**1,00**	8,00	90	22	12	7,0	5,5	–	–	–	–	–
10,0	**0,75**	9,20	90	20	14	7,0	5,5	–	–	–	–	–
10,0	**1,00**	9,00	90	20	14	7,0	5,5	●	●	●	●	●
10,0	**1,25**	8,80	100	24	14	7,0	5,5	●	●	●	–	●
11,0	**1,00**	10,00	90	20	14	8,0	6,2	–	–	–	–	–
12,0	**1,00**	11,00	100	22	16	9,0	7,0	●	●	●	●	●
12,0	**1,25**	10,80	100	22	16	9,0	7,0	●	●	–	–	–
12,0	**1,50**	10,50	100	22	16	9,0	7,0	●	●	●	●	●
14,0	**1,00**	13,00	100	22	20	11,0	9,0	–	–	–	–	–
14,0*	**1,25**	12,80	100	22	20	11,0	9,0	–	–	–	–	–
14,0	**1,50**	12,50	100	22	20	11,0	9,0	●	●	●	●	–
15,0	**1,00**	14,00	100	22	20	12,0	9,0	–	–	–	–	–
15,0	**1,50**	13,50	100	22	20	12,0	9,0	–	–	–	–	–
16,0	**1,00**	15,00	100	22	20	12,0	9,0	–	–	–	–	–
16,0	**1,50**	14,50	100	22	20	12,0	9,0	●	●	●	●	●

01/02

*** Misura non in standard ISO** | These sizes are not ISO standard.
In fase di ordinazione specificare sempre il Ø (D) e il passo (P) | When ordering, please state Ø (D) and pitch (P)

66556G	6653	6880	6880HL	6731	
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
VA 35°	GG	HD 15°	HD 15°	ALU 45°	**TIPO** | TYPE
-	NIT	-	TiAIN HL EVO	-	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
35°	0°	15°	15°	45°	**ANGOLO ELICA** | HELIX ANGLE
					DIREZIONE TAGLIO | CUTTING DIRECTION
-	-	-	-	-	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
6GX	6HX	6H	6H	6H	**TOLLERANZA** | TOLERANCE
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
					TIPO DI FORO | HOLE TYPE
P	-	P	P	-	**P** | **Acciai** | Steels
M	-	-	-	-	**M** | **Acciai Inossidabili** | Stainless Steels
-	K	K	K	-	**K** | **Ghise** | Cast Irons
N	N	-	-	N	**N** | **Metalli non ferrosi** | Non-ferrous metals
S	-	-	-	-	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
-	-	-	-	-	**H** | **Acciai Temprati** | Hardened Steels

GRUPPO MATERIALI
MATERIAL GROUPS

66556G	6653	6880	6880HL	6731	d_1	P		l_1	l_2 (35-45°)
-	-	-	-	-	**3,0**	**0,35**	2,65	56	5
-	-	-	-	-	**3,5**	**0,35**	3,15	56	6
-	-	-	-	-	**4,0**	**0,50**	3,50	63	7
-	-	-	-	-	**5,0**	**0,50**	4,50	70	8
-	-	-	-	-	**6,0**	**0,50**	5,50	80	10
-	-	●	●	-	**6,0**	**0,75**	5,20	80	10
-	-	-	-	-	**7,0**	**0,75**	6,20	80	10
-	-	-	-	-	**8,0**	**0,50**	7,50	80	12
-	-	-	-	-	**8,0**	**0,75**	7,20	80	12
●	●	●	●	●	**8,0**	**1,00**	7,00	90	12
-	■	-	-	-	**9,0**	**1,00**	8,00	90	12
-	-	-	-	-	**10,0**	**0,75**	9,20	90	14
●	●	●	●	●	**10,0**	**1,00**	9,00	90	14
-	-	-	-	■	**10,0**	**1,25**	8,80	100	14
-	-	-	-	-	**11,0**	**1,00**	10,00	90	14
-	-	●	●	●	**12,0**	**1,00**	11,00	100	16
-	-	-	-	-	**12,0**	**1,25**	10,80	100	16
●	●	●	●	●	**12,0**	**1,50**	10,50	100	16
-	-	-	-	-	**14,0**	**1,00**	13,00	100	20
-	-	-	-	-	**14,0**	**1,25***	12,80	100	20
●	●	●	●	●	**14,0**	**1,50**	12,50	100	20
-	-	-	-	-	**15,0**	**1,00**	14,00	100	20
-	-	-	-	-	**15,0**	**1,50**	13,50	100	20
-	-	-	-	-	**16,0**	**1,00**	15,00	100	20
●	●	●	●	●	**16,0**	**1,50**	14,50	100	20

01/02

■ **Fino ad esaurimento scorte** | Till stocks last

d_1	P		l_1	l_2	l_2 (35-45°)	d_2 (h9)	a (h12)		6671	6626XP	6655	6655VP	6655XP
18,0	**1,00**	17,00	110	25	25	14,0	11,0		–	–	–	–	–
18,0	**1,50**	16,50	110	25	25	14,0	11,0		●	●	●	●	–
20,0	**1,50**	18,50	125	25	25	16,0	12,0		●	●	●	●	●
20,0	**2,00**	18,00	140	34	25	16,0	12,0		–	–	–	–	–
22,0	**1,00**	21,00	125	25	25	18,0	14,5		–	–	–	–	–
22,0	**1,50**	20,50	125	25	25	18,0	14,5		●	●	●	●	–
22,0	**2,00**	20,00	140	34	25	18,0	14,5		–	–	–	–	–
24,0	**1,00**	23,00	140	28	28	18,0	14,5		–	–	–	–	–
24,0	**1,50**	22,50	140	28	28	18,0	14,5		●	●	●	●	●
24,0	**2,00**	22,00	140	28	28	18,0	14,5		–	–	–	–	–
26,0	**1,50**	24,50	140	28	28	18,0	14,5		■	–	–	–	–
27,0	**1,50**	25,50	140	28	28	20,0	16,0		■	–	●	■	●
27,0	**2,00**	25,00	140	28	28	20,0	16,0		–	–	●	–	–
28,0	**1,50**	26,50	140	28	28	20,0	16,0		■	–	●	■	●
30,0	**1,00**	29,00	150	28	28	22,0	18,0		–	–	–	–	–
30,0	**1,50**	28,50	150	28	28	22,0	18,0		■	–	●	■	●
30,0	**2,00**	28,00	150	28	28	22,0	18,0		–	–	●	■	–

02/02

■ **Fino ad esaurimento scorte** | Till stocks last

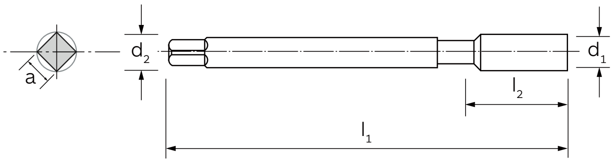
MF - DIN 374

Maschi a macchina con gambo passante | Machine taps with reduced shank

66556G	6653	6880	6880HL	6731		d_1	P		l_1	l_2 (35-45°)
–	–	–	–	–		**18,0**	**1,00**	17,00	110	25
●	●	●	●	●		**18,0**	**1,50**	16,50	110	25
●	●	●	●	●		**20,0**	**1,50**	18,50	125	25
–	–	–	–	–		**20,0**	**2,00**	18,00	140	25
–	–	–	–	–		**22,0**	**1,00**	21,00	125	25
–	●	●	●	–		**22,0**	**1,50**	20,50	125	25
–	–	–	–	–		**22,0**	**2,00**	20,00	140	25
–	–	–	–	–		**24,0**	**1,00**	23,00	140	28
–	●	●	●	–		**24,0**	**1,50**	22,50	140	28
–	–	–	–	–		**24,0**	**2,00**	22,00	140	28
–	–	–	–	–		**26,0**	**1,50**	24,50	140	28
–	–	–	–	–		**27,0**	**1,50**	25,50	140	28
–	–	–	–	–		**27,0**	**2,00**	25,00	140	28
–	–	–	–	–		**28,0**	**1,50**	26,50	140	28
–	–	–	–	–		**30,0**	**1,00**	29,00	150	28
–	–	–	–	–		**30,0**	**1,50**	28,50	150	28
–	–	–	–	–		**30,0**	**2,00**	28,00	150	28

02/02

NEW	NEW	MF	374	
6663XP	6872TF	DIN 13	DIN	P. 632→



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	Rapid	Rapid	Rapid	Rapid	N SX	NL 15°
RIVESTIMENTO | COATING	–	VAP	TiN	TiCN	–	–
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°	0°	0°	15°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻	↺	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–	–	–	–
TOLLERANZA | TOLERANCE	6H	6H	6H	6H	6H	6H
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5
TIPO DI FORO | HOLE TYPE						
GRUPPO MATERIALI MATERIAL GROUPS — **P** | **Acciai** | Steels	P	P	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M	M	–	–
K | **Ghise** | Cast Irons	K	K	K	K	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N	N	–
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–	–	–	–	–
H | **Acciai Temprati** | Hardened Steels	–	–	–	–	–	–

d_1	P	⌀	l_1	l_2	d_2 (h9)	a (h12)	6730	6730VP	6730TN	6730TC	6863	6741
3,0	0,35	2,65	56	9	2,2	-	●	●	●	●	–	–
3,5	0,35	3,15	56	10	2,5	2,1	●	●	●	●	–	–
4,0	0,50	3,50	63	10	2,8	2,1	●	●	●	●	–	–
5,0	0,50	4,50	70	12	3,5	2,7	●	●	●	●	–	–
6,0	0,50	5,50	80	14	4,5	3,4	●	●	●	●	–	–
6,0	0,75	5,20	80	14	4,5	3,4	●	●	●	●	–	–
7,0	0,75	6,20	80	14	5,5	4,3	●	●	●	●	–	–
8,0	0,50	7,50	80	19	6,0	4,9	●	●	●	●	–	–
8,0	0,75	7,20	80	19	6,0	4,9	●	●	●	●	–	●
8,0	1,00	7,00	90	22	6,0	4,9	●	●	●	●	●	●
9,0	1,00	8,00	90	22	7,0	5,5	●	●	●	●	–	–
10,0	0,75	9,20	90	20	7,0	5,5	●	●	●	●	–	–
10,0	1,00	9,00	90	20	7,0	5,5	●	●	●	●	●	●
10,0	1,25	8,80	100	24	7,0	5,5	●	●	●	●	–	–
11,0	1,00	10,00	90	20	8,0	6,2	●	●	●	●	–	–
12,0	1,00	11,00	100	22	9,0	7,0	●	●	●	●	●	●
12,0	1,25	10,80	100	22	9,0	7,0	●	●	●	●	–	–
12,0	1,50	10,50	100	22	9,0	7,0	●	●	●	●	●	●
14,0	1,00	13,00	100	22	11,0	9,0	●	●	●	●	–	–
14,0	1,25*	12,80	100	22	11,0	9,0	●	●	●	●	–	–
14,0	1,50	12,50	100	22	11,0	9,0	●	●	●	●	●	●
15,0	1,00	14,00	100	22	12,0	9,0	●	●	●	●	–	–
15,0	1,50	13,50	100	22	12,0	9,0	●	●	●	●	–	–
16,0	1,00	15,00	100	22	12,0	9,0	●	●	●	●	–	–
16,0	1,50	14,50	100	22	12,0	9,0	●	●	●	●	●	●

01/02

* **Misura non in standard ISO** | These sizes are not ISO standard.

MF - DIN 374

Maschi a macchina con gambo passante | Machine taps with reduced shank

ILIX PRECISION

	6663	6663VP	66636G	6663TN	6663XP	6872	6872TF
MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	VA	VA	VA	VA	VA	HD	HD
RIVESTIMENTO | COATING	–	VAP	–	TiN	AlCrN TOP	–	TiAlN Futura
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°	0°	0°	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–	–	–	–	–
TOLLERANZA | TOLERANCE	6HX	6HX	6GX	6HX	6HX	6H	6H
FORMA/FILETTI D'IMB. | CHAMFER FORM/THRE.	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5
TIPO DI FORO | HOLE TYPE							
P | **Acciai** | Steels	P	P	P	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M	M	M	–	–
K | **Ghise** | Cast Irons	–	–	–	–	–	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N	N	–	–
S | **Leghe res. al calore e Tit.** | HRSA and Titanium	S	S	S	S	S	–	–
H | **Acciai Temprati** | Hardened Steels	–	–	–	–	–	–	–

GRUPPO MATERIALI | MATERIAL GROUPS

B 02

6663	6663VP	66636G	6663TN	6663XP	6872	6872TF	d_1	P		l_1	l_2
–	–	–	–	–	–	–	**3,0**	0,35	2,65	56	9
–	–	–	–	–	–	–	**3,5**	0,35	3,15	56	10
–	–	–	–	–	–	–	**4,0**	0,50	3,50	63	10
–	–	–	–	–	–	–	**5,0**	0,50	4,50	70	12
–	–	–	–	–	–	–	**6,0**	0,50	5,50	80	14
–	–	–	–	–	●	●	**6,0**	0,75	5,20	80	14
–	–	–	–	–	–	–	**7,0**	0,75	6,20	80	14
–	–	–	–	–	–	–	**8,0**	0,50	7,50	80	19
–	–	–	–	–	●	●	**8,0**	0,75	7,20	80	19
●	●	●	●	●	●	●	**8,0**	1,00	7,00	90	22
–	–	–	–	–	–	–	**9,0**	1,00	8,00	90	22
–	–	–	–	–	–	–	**10,0**	0,75	9,20	90	20
●	●	●	●	●	●	●	**10,0**	1,00	9,00	90	20
●	●	–	●	●	–	–	**10,0**	1,25	8,80	100	24
–	–	–	–	–	–	–	**11,0**	1,00	10,00	90	20
●	●	●	●	●	●	●	**12,0**	1,00	11,00	100	22
–	–	–	–	–	–	–	**12,0**	1,25	10,80	100	22
●	●	●	●	●	●	●	**12,0**	1,50	10,50	100	22
–	–	–	–	–	–	–	**14,0**	1,00	13,00	100	22
–	–	–	–	–	–	–	**14,0**	1,25*	12,80	100	22
●	●	●	●	●	●	●	**14,0**	1,50	12,50	100	22
–	–	–	–	–	–	–	**15,0**	1,00	14,00	100	22
–	–	–	–	–	–	–	**15,0**	1,50	13,50	100	22
–	–	–	–	–	–	–	**16,0**	1,00	15,00	100	22
●	●	●	●	●	●	●	**16,0**	1,50	14,50	100	22

01/02

* **Misura non in standard ISO** | These sizes are not ISO standard.

d_1	P		l_1	l_2	d_2 (h9)	a (h12)		6730	6730VP	6730TN	6730TC	6863	6741
18,0	1,00	16,50	110	25	14,0	11,0		●	●	●	●	–	–
18,0	1,50	16,50	110	25	14,0	11,0		●	●	●	●	●	●
18,0	2,00	16,00	125	34	14,0	11,0		●	●	●	●	–	–
20,0	1,00	19,00	125	25	16,0	12,0		●	●	●	●	–	–
20,0	1,50	18,50	125	25	16,0	12,0		●	●	●	●	●	●
20,0	2,00	18,00	140	34	16,0	12,0		●	●	●	●	–	–
22,0	1,00	21,00	125	25	18,0	14,5		●	●	●	●	–	–
22,0	1,50	20,50	125	25	18,0	14,5		●	●	●	●	–	–
22,0	2,00	20,00	140	34	18,0	14,5		●	●	●	●	–	–
24,0	1,00	23,00	140	28	18,0	14,5		●	●	●	●	–	–
24,0	1,50	22,50	140	28	18,0	14,5		●	●	●	●	–	–
24,0	2,00	22,00	140	28	18,0	14,5		●	●	●	●	–	–
26,0	1,50	24,50	140	28	18,0	14,5		●	●	●	●	–	–
27,0	1,50	25,50	140	28	20,0	16,0		●	●	●	●	–	–
27,0	2,00	25,00	140	28	20,0	16,0		●	●	●	●	–	–
28,0	1,50	26,50	140	28	20,0	16,0		●	●	●	●	–	–
30,0	1,00	29,00	150	28	22,0	18,0		●	●	●	●	–	–
30,0	1,50	28,50	150	28	22,0	18,0		●	●	●	●	–	–
30,0	2,00	28,00	150	28	22,0	18,0		●	●	●	●	–	–
32,0	1,50	30,50	150	28	22,0	18,0		●	●	●	●	–	–
33,0	1,50	31,50	160	30	25,0	20,0		●	●	●	●	–	–
34,0	1,50	32,50	170	30	28,0	22,0		●	●	●	●	–	–
35,0	1,50	33,50	170	30	28,0	22,0		●	●	●	●	–	–
36,0	1,50	34,50	170	30	28,0	22,0		●	●	●	●	–	–
38,0	1,50	36,50	170	30	28,0	22,0		●	●	●	●	–	–
40,0	1,50	38,50	170	30	32,0	24,0		●	●	●	●	–	–
42,0	1,50	40,50	170	30	32,0	24,0		●	●	●	●	–	–
45,0	1,50	43,50	180	32	36,0	29,0		●	●	●	●	–	–
48,0	1,50	46,50	190	32	36,0	29,0		●	●	●	●	–	–
50,0	1,50	48,50	190	32	36,0	29,0		●	●	●	●	–	–
52,0	1,50	50,50	190	32	40,0	32,0		●	●	●	●	–	–

02/02

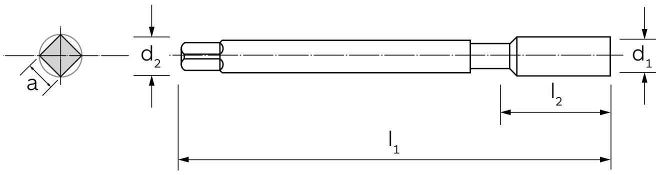
6663	6663VP	66636G	6663TN	6663XP	6872	6872TF		d_1	P		l_1	l_2
–	–	–	–	–	–	–		**18,0**	1,00	16,50	110	25
●	●	–	●	●	●	●		**18,0**	1,50	16,50	110	25
–	–	–	–	–	–	–		**18,0**	2,00	16,00	125	34
–	–	–	–	–	–	–		**20,0**	1,00	19,00	125	25
●	●	●	●	●	●	●		**20,0**	1,50	18,50	125	25
●	●	–	●	–	–	–		**20,0**	2,00	18,00	140	34
–	–	–	–	–	–	–		**22,0**	1,00	21,00	125	25
●	●	–	●	–	●	●		**22,0**	1,50	20,50	125	25
●	●	–	●	–	–	–		**22,0**	2,00	20,00	140	34
–	–	–	–	–	–	–		**24,0**	1,00	23,00	140	28
●	●	●	●	●	●	●		**24,0**	1,50	22,50	140	28
●	●	–	●	–	–	–		**24,0**	2,00	22,00	140	28
●	●	–	–	–	–	–		**26,0**	1,50	24,50	140	28
●	●	–	■	–	–	–		**27,0**	1,50	25,50	140	28
●	●	–	■	–	–	–		**27,0**	2,00	25,00	140	28
–	–	–	–	–	–	–		**28,0**	1,50	26,50	140	28
–	–	–	–	–	–	–		**30,0**	1,00	29,00	150	28
–	●	–	–	–	–	–		**30,0**	1,50	28,50	150	28
–	●	–	■	–	–	–		**30,0**	2,00	28,00	150	28
–	–	–	–	–	–	–		**32,0**	1,50	30,50	150	28
–	–	–	–	–	–	–		**33,0**	1,50	31,50	160	30
–	–	–	–	–	–	–		**34,0**	1,50	32,50	170	30
–	–	–	–	–	–	–		**35,0**	1,50	33,50	170	30
–	–	–	–	–	–	–		**36,0**	1,50	34,50	170	30
–	–	–	–	–	–	–		**38,0**	1,50	36,50	170	30
–	–	–	–	–	–	–		**40,0**	1,50	38,50	170	30
–	–	–	–	–	–	–		**42,0**	1,50	40,50	170	30
–	–	–	–	–	–	–		**45,0**	1,50	43,50	180	32
–	–	–	–	–	–	–		**48,0**	1,50	46,50	190	32
–	–	–	–	–	–	–		**50,0**	1,50	48,50	190	32
–	–	–	–	–	–	–		**52,0**	1,50	50,50	190	32

02/02

■ **Fino ad esaurimento scorte** | Till stocks last

Maschi a macchina a rullare con gambo passante | Cold forming machine taps with reduced shank

MF	2174	
DIN 13	DIN	P. 650



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	FORMER	FORMER	FORMER S	FORMER S
RIVESTIMENTO | COATING	NIT	NIT	NIT	NIT
ANGOLO ELICA | HELIX ANGLE	–	–	–	–
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–	–
TOLLERANZA | TOLERANCE	6HX	6GX	6HX	6GX
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE				

GRUPPO MATERIALI MATERIAL GROUPS

P | **Acciai** | Steels	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M	M
K | **Ghise** | Cast Irons	–	–	–	–
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–	–	–
H | **Acciai Temprati** | Hardened Steels	–	–	–	–

d_1	P	⌀	l_1	l_2	d_2 (h9)	a (h12)		6721	67216G	6720	67206G
8,0	**1,00**	7,5	90	22	6	4,9		●	●	●	●
10,0	**1,00**	9,5	90	20	7	5,5		●	●	●	●
10,0	**1,25**	9,4	100	24	7	5,5		●	●	●	●
12,0	**1,00**	11,5	100	22	9	7,0		●	●	●	●
12,0	**1,50**	11,3	100	22	9	7,0		●	●	●	●
14,0	**1,50**	13,3	100	22	11	9,0		●	●	●	●
16,0	**1,00**	15,5	100	22	12	9,0		●	●	●	●
16,0	**1,50**	15,3	100	22	12	9,0		●	●	●	●

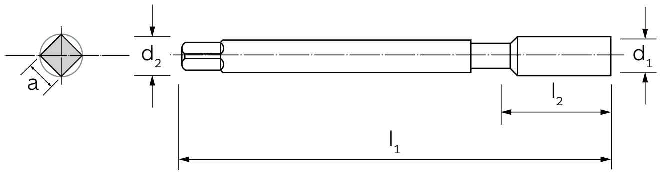
In fase di ordinazione specificare sempre il Ø (d_1) e il passo (P) | When ordering, please state Ø (d1) and pitch (P)

UNC - DIN 2184-2

Maschi a mano in serie di 3 pezzi composta da sbozzatore (P), intermedio (S), finitore (T)
Hand taps, series in set of 3 pieces, consisting of taper (P), plug (S) and bottom (T)

UNC — ASME B.1.1

2184 2 — DIN



MATERIALE | MATERIAL	HSS	HSS	HSS
TIPO | TYPE	N	N	N
RIVESTIMENTO | COATING	–	–	–
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–
TOLLERANZA | TOLERANCE	2B	2B	2B
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	A/5-6	D/3-4	C/2,5-3
TIPO DI FORO | HOLE TYPE			

GRUPPO MATERIALI MATERIAL GROUPS

P | **Acciai** | Steels	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M
K | **Ghise** | Cast Irons	K	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	S	S	S
H | **Acciai Temprati** | Hardened Steels	–	–	–

B 02

6775 (Serie | Set): 6775P, 6775S, 6775T

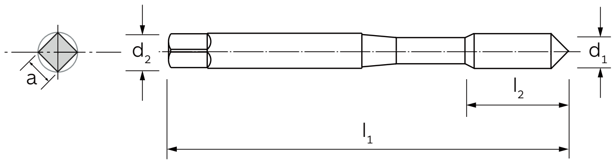
d_1	Filetti/1" Tpi	Ø	l_1	l_2	d_2 (h9*)	a (h12)	6775P	6775S	6775T	6775
nr. **1**	**64**	1,55	36	8	2,8	2,1	●	●	●	●
nr. **2**	**56**	1,85	36	9	2,8	2,1	●	●	●	●
nr. **3**	**48**	2,10	40	9	2,8	2,1	●	●	●	●
nr. **4**	**40**	2,35	40	11	3,5	2,7	●	●	●	●
nr. **5**	**40**	2,65	40	11	3,5	2,7	●	●	●	●
nr. **6**	**32**	2,85	45	13	4,0	3,0	●	●	●	●
nr. **8**	**32**	3,50	45	13	4,5	3,4	●	●	●	●
nr. **10**	**24**	3,90	50	16	6,0	4,9	●	●	●	●
nr. **12**	**24**	4,50	50	17	6,0	4,9	●	●	●	●
1/4	20	5,10	50	19	6,0	4,9	●	●	●	●
5/16	18	6,60	56	22	6,0	4,9	●	●	●	●
3/8	16	8,00	63	22	7,0	5,5	●	●	●	●
7/16	14	9,40	70	24	8,0	6,2	●	●	●	●
1/2	13	10,80	75	29	9,0	7,0	●	●	●	●
9/16	12	12,20	80	30	11,0	9,0	●	●	●	●
5/8	11	13,50	80	32	12,0	9,0	●	●	●	●
3/4	10	16,50	95	40	14,0	11,0	●	●	●	●
7/8	9	19,50	100	40	18,0	14,5	●	●	●	●
1"	8	22,25	110	50	18,0	14,5	●	●	●	●
1 1/8	7	25,00	125	56	22,0	18,0	●	●	●	●
1 1/4	7	28,00	125	56	22,0	18,0	●	●	●	●
1 3/8	6	30,75	150	63	28,0	22,0	●	●	●	●
1 1/2	6	34,00	150	63	32,0	24,0	●	●	●	●
1 3/4	5	39,50	160	70	36,0	29,0	●	●	●	●
2"	4 1/2	45,00	180	75	40,0	32,0	●	●	●	●

* **La tolleranza del gambo per il 1° e 2° maschio è h 12** | Shank tolerance of 1st and 2nd tap h 12

UNC - DIN 2184/1

Maschi a macchina con gambo rinforzato, similare DIN 371
Machine taps with reinforced shank, similar to DIN 371

NEW	UNC	2184 -1	
6735XP	ASME B.1.1	DIN	P. 632→



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	N	N 15°	N 40°	N 40°	N 40°
RIVESTIMENTO | COATING	-	-	-	-	TiN
ANGOLO ELICA | HELIX ANGLE	0°	15°	40°	40°	40°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-	-	-	-
TOLLERANZA | TOLERANCE	2B	2B	2B	3B	2B
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE					

GRUPPO MATERIALI MATERIAL GROUPS

P | **Acciai** | Steels	P	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	-	-	-	-	M
K | **Ghise** | Cast Irons	K	K	K	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-	-	-	-	-
H | **Acciai Temprati** | Hardened Steels	-	-	-	-	-

d_1	Filetti/1" Tpi	⌀	l_1	l_2	l_2 (35-40 50°)	d_2 (h9)	a (h12)		6823	6696	6691	66913B	6691TN
nr. **2**	**56**	1,85	45	9	4	2,8	2,1		-	-	●	●	●
nr. **3**	**48**	2,10	50	9	4	2,8	2,1		●	●	●	●	●
nr. **4**	**40**	2,35	56	11	5	3,5	2,7		●	●	●	●	●
nr. **5**	**40**	2,65	56	11	5	3,5	2,7		●	●	●	●	●
nr. **6**	**32**	2,85	56	13	6	4,0	3,0		●	●	●	●	●
nr. **8**	**32**	3,50	63	13	7	4,5	3,4		●	●	●	●	●
nr. **10**	**24**	3,90	70	16	8	6,0	4,9		●	●	●	●	●
nr. **12**	**24**	4,50	80	17	10	6,0	4,9		●	●	●	●	●
1/4	20	5,10	80	17	10	6,0	4,9		●	●	●	●	●
5/16	18	6,60	90	20	12	8,0	6,2		●	●	●	●	●
3/8	16	8,00	90	20	12	10,0	8,0		-	-	-	●	-

UNC - DIN 2184/1

ILIX PRECISION

Maschi a macchina con gambo rinforzato, similare DIN 371
Machine taps with reinforced shank, similar to DIN 371

6735	6735VP	6735XP	6852VP	6732	
HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
VA 35°	VA 35°	VA 35°	VR 50°	ALU 45°	**TIPO** | TYPE
–	VAP	AlCrN TOP	VAP	–	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
35°	35°	35°	50°	45°	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↻	↻	↻	**DIREZIONE TAGLIO** | CUTTING DIRECTION
–	–	–	–	–	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
2BX	2BX	2BX	2BX	2B	**TOLLERANZA** | TOLERANCE
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
					TIPO DI FORO | HOLE TYPE
P	P	P	P	–	**P** | **Acciai** | Steels
M	M	M	M	–	**M** | **Acciai Inossidabili** | Stainless Steels
–	–	–	–	–	**K** | **Ghise** | Cast Irons
N	N	N	–	N	**N** | **Metalli non ferrosi** | Non-ferrous metals
S	S	S	–	–	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
–	–	–	–	–	**H** | **Acciai Temprati** | Hardened Steels

GRUPPO MATERIALI
MATERIAL GROUPS

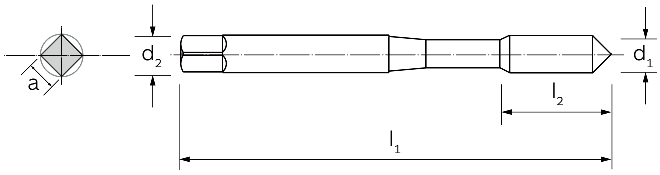
B 02

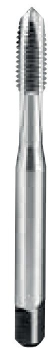
6735	6735VP	6735XP	6852VP	6732	d_1	Filetti/1" Tpi		l_1	l_2 (35-40 50°)
–	–	–	–	–	nr. **2**	**56**	1,85	45	4
–	–	–	–	–	nr. **3**	**48**	2,10	50	4
–	–	–	–	●	nr. **4**	**40**	2,35	56	5
–	–	–	–	●	nr. **5**	**40**	2,65	56	5
●	●	●	●	●	nr. **6**	**32**	2,85	56	6
●	●	●	●	●	nr. **8**	**32**	3,50	63	7
●	●	●	●	●	nr. **10**	**24**	3,90	70	8
●	●	●	●	●	nr. **12**	**24**	4,50	80	10
●	●	●	●	●	**1/4**	20	5,10	80	10
●	●	●	●	●	**5/16**	18	6,60	90	12
–	–	–	●	●	**3/8**	16	8,00	90	12

UNC - DIN 2184/1

Maschi a macchina con gambo rinforzato, similare DIN 371
Machine taps with reinforced shank, similar to DIN 371

NEW	UNC	2184 -1	
6739XP	ASME B.1.1	DIN	P. 632→






MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	HD	Rapid	Rapid	Rapid
RIVESTIMENTO | COATING	-	-	-	TiN
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-	-	-
TOLLERANZA | TOLERANCE	2B	2B	3B	2B
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	B/4-5	B/4-5	B/4-5	B/4-5
TIPO DI FORO | HOLE TYPE				
GRUPPO MATERIALI MATERIAL GROUPS				
P | **Acciai** | Steels	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	-	M	M	M
K | **Ghise** | Cast Irons	K	K	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	-	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-	-	-	-
H | **Acciai Temprati** | Hardened Steels	-	-	-	-

d_1	Filetti/1" Tpi		l_1	l_2	d_2 (h9)	a (h12)	6873	6690	66903B	6690TN
nr. **1**	**64**	1,55	45	8	2,8	2,1	-	●	-	●
nr. **2**	**56**	1,85	45	9	2,8	2,1	●	●	-	●
nr. **3**	**48**	2,10	50	9	2,8	2,1	●	●	-	●
nr. **4**	**40**	2,35	56	11	3,5	2,7	●	●	●	●
nr. **5**	**40**	2,65	56	11	3,5	2,7	●	●	-	●
nr. **6**	**32**	2,85	56	13	4,0	3,0	●	●	●	●
nr. **8**	**32**	3,50	63	13	4,5	3,4	●	●	●	●
nr. **10**	**24**	3,90	70	16	6,0	4,9	●	●	●	●
nr. **12**	**24**	4,50	80	17	6,0	4,9	●	●	-	●
1/4	20	5,10	80	17	6,0	4,9	●	●	●	●
5/16	18	6,60	90	20	8,0	6,2	●	●	-	●
3/8	16	8,00	90	20	10,0	8,0	-	●	●	●

UNC - DIN 2184/1

Maschi a macchina con gambo rinforzato, similare DIN 371
Machine taps with reinforced shank, similar to DIN 371

6737	6739	6739VP	6739XP	
HSS-Co	HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
Ultra	VA	VA	VA	**TIPO** | TYPE
NIT	-	VAP	AlCrN TOP	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
0°	0°	0°	0°	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↻	↻	**DIREZIONE TAGLIO** | CUTTING DIRECTION
-	-	-	-	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
2B	2BX	2BX	2BX	**TOLLERANZA** | TOLERANCE
B/4-5	B/4-5	B/4-5	B/4-5	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
				TIPO DI FORO | HOLE TYPE
P	P	P	P	**P** | **Acciai** | Steels
M	M	M	M	**M** | **Acciai Inossidabili** | Stainless Steels
-	-	-	-	**K** | **Ghise** | Cast Irons
N	N	N	N	**N** | **Metalli non ferrosi** | Non-ferrous metals
-	S	S	S	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
-	-	-	-	**H** | **Acciai Temprati** | Hardened Steels

GRUPPO MATERIALI
MATERIAL GROUPS

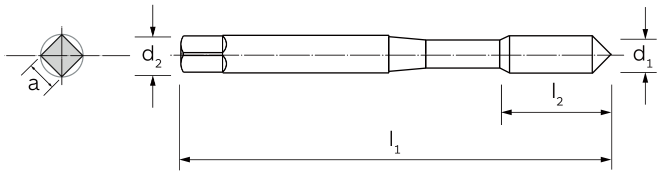
B 02

6737	6739	6739VP	6739XP	d_1	Filetti/1" Tpi	⌀	l_1	l_2
●	-	-	-	nr. **1**	**64**	1,55	45	8
●	●	●	●	nr. **2**	**56**	1,85	45	9
●	●	●	●	nr. **3**	**48**	2,10	50	9
●	●	●	●	nr. **4**	**40**	2,35	56	11
●	●	●	●	nr. **5**	**40**	2,65	56	11
●	●	●	●	nr. **6**	**32**	2,85	56	13
●	●	●	●	nr. **8**	**32**	3,50	63	13
●	●	●	●	nr. **10**	**24**	3,90	70	16
●	●	●	●	nr. **12**	**24**	4,50	80	17
●	●	●	●	**1/4**	20	5,10	80	17
●	●	●	●	**5/16**	18	6,60	90	20
●	●	●	●	**3/8**	16	8,00	90	20

UNC - DIN 2184/1

Maschi a macchina a rullare con gambo rinforzato, similare DIN 371
Cold forming machine taps with reinforced shank, similar to DIN 371

UNC — ASME B.1.1 | **2184 -1** — DIN | P. 650



MATERIALE | MATERIAL	HSS-Co	HSS-Co
TIPO | TYPE	FORMER	FORMER S
RIVESTIMENTO | COATING	NIT	NIT
ANGOLO ELICA | HELIX ANGLE	–	–
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–
TOLLERANZA | TOLERANCE	2BX	2BX
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE		

GRUPPO MATERIALI | MATERIAL GROUPS

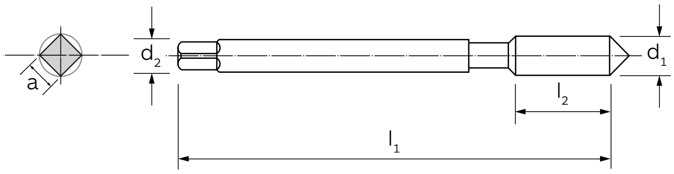
P | **Acciai** | Steels	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M
K | **Ghise** | Cast Irons	–	–
N | **Metalli non ferrosi** | Non-ferrous metals	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–
H | **Acciai Temprati** | Hardened Steels	–	–

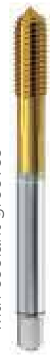
d_1	Filetti/1" Tpi		l_1	l_2	d_2 (h9)	a (h12)	6738	6802
nr. **2**	**56**	1,95	45	9	2,8	2,1	●	–
nr. **3**	**48**	2,30	50	9	2,8	2,1	●	–
nr. **4**	**40**	2,55	56	11	3,5	2,7	●	–
nr. **5**	**40**	2,85	56	11	3,5	2,7	●	●
nr. **6**	**32**	3,10	63	13	4,0	3,0	●	●
nr. **8**	**32**	3,80	70	13	4,5	3,4	●	●
nr. **10**	**24**	4,30	70	16	6,0	4,9	●	●
nr. **12**	**24**	5,00	80	19	6,0	4,9	●	●
1/4	20	5,75	80	19	6,0	4,9	●	●
5/16	18	7,25	90	22	8,0	6,2	●	●
3/8	16	8,70	90	22	10,0	8,0	●	●

UNC - DIN 2184/1

Maschi a macchina a rullare con gambo passante
Cold forming machine taps with reduced shank

NEW | UNC | 2184 -1 | P. 650
ASME B.1.1 | DIN





MATERIALE | MATERIAL	HSS-Co
TIPO | TYPE	FORMER S
RIVESTIMENTO | COATING	TiN
ANGOLO ELICA | HELIX ANGLE	–
DIREZIONE TAGLIO | CUTTING DIRECTION	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–
TOLLERANZA | TOLERANCE	2BX
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3
TIPO DI FORO | HOLE TYPE	

GRUPPO MATERIALI
MATERIAL GROUPS

P | **Acciai** | Steels	P
M | **Acciai Inossidabili** | Stainless Steels	M
K | **Ghise** | Cast Irons	–
N | **Metalli non ferrosi** | Non-ferrous metals	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–
H | **Acciai Temprati** | Hardened Steels	–

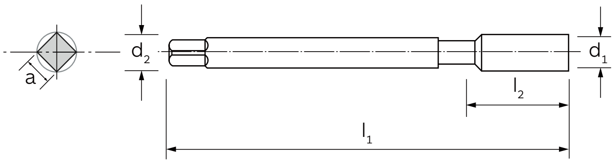
d_1	Filetti/1" Tpi		l_1	l_2	d_2 (h9)	a (h12)	6811TN
1/2	13	11,80	110	25	9	7,0	●
9/16	12	13,30	110	28	11	9,0	●
5/8	11	14,85	110	30	12	9,0	●
3/4	10	17,90	125	33	14	11,0	●

B
02

UNC - DIN 2184/1

Maschi a macchina con gambo passante, similare DIN 376
Machine taps with reduced shank, similar to DIN 376

UNC ASME B.1.1 | **2184 -1** DIN | P. 632➔



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	N	N 15°	N 40°	N 40°	VA 35°
RIVESTIMENTO | COATING	-	-	-	-	-
ANGOLO ELICA | HELIX ANGLE	0°	15°	40°	40°	35°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-	-	-	-
TOLLERANZA | TOLERANCE	2B	2B	2B	3B	2BX
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE					
GRUPPO MATERIALI MATERIAL GROUPS					
P | **Acciai** | Steels	P	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	-	-	-	-	M
K | **Ghise** | Cast Irons	K	K	K	K	-
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-	-	-	-	S
H | **Acciai Temprati** | Hardened Steels	-	-	-	-	-

d_1	Filetti/1" Tpi		l_1	l_2	l_2 (35-40 50°)	d_2 (h9)	a (h12)		6824	6728	6694	66943B	6754
7/16	14	9,40	100	14	24	8	6,2		●	●	●	●	-
1/2	13	10,80	110	16	29	9	7,0		●	●	●	●	●
9/16	12	12,20	110	20	30	11	9,0		-	-	●	●	-
5/8	11	13,50	110	20	32	12	9,0		●	●	●	●	●
3/4	10	16,50	125	25	34	14	11,0		●	●	●	●	●
7/8	9	19,50	140	25	34	18	14,5		●	●	●	●	-
1"	8	22,25	160	30	38	18	14,5		●	●	●	●	●

UNC - DIN 2184/1

Maschi a macchina con gambo passante, similare DIN 376
Machine taps with reduced shank, similar to DIN 376

6754VP	6853VP	6866	6733	
HSS-Co	HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
VA 35°	VR 50°	HD 15°	ALU 45°	**TIPO** | TYPE
VAP	VAP	-	-	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
35°	50°	15°	45°	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↻	↻	**DIREZIONE TAGLIO** | CUTTING DIRECTION
-	-	-	-	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
2BX	2BX	2B	2B	**TOLLERANZA** | TOLERANCE
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
				TIPO DI FORO | HOLE TYPE
P	P	P	-	**P** | **Acciai** | Steels
M	M	-	-	**M** | **Acciai Inossidabili** | Stainless Steels
-	-	K	-	**K** | **Ghise** | Cast Irons
N	-	-	N	**N** | **Metalli non ferrosi** | Non-ferrous metals
S	-	-	-	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
-	-	-	-	**H** | **Acciai Temprati** | Hardened Steels

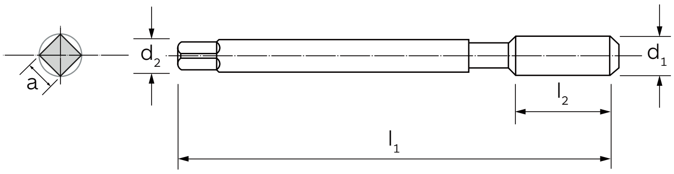
GRUPPO MATERIALI
MATERIAL GROUPS

B
02

6754VP	6853VP	6866	6733	d_1	Filetti/1" Tpi	⌀	l_1	l_2 (35-40 50°)
-	-	●	-	**7/16**	14	9,40	100	24
●	●	●	●	**1/2**	13	10,80	110	29
-	-	-	-	**9/16**	12	12,20	110	30
●	●	●	-	**5/8**	11	13,50	110	32
●	●	●	-	**3/4**	10	16,50	125	34
-	-	●	-	**7/8**	9	19,50	140	34
●	●	●	-	**1"**	8	22,25	160	38

Maschi a macchina con gambo passante, similare DIN 376
Machine taps with reduced shank, similar to DIN 376

UNC | **2184-1**
ASME B.1.1 | **DIN** | **P. 632→**



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	HD	Rapid	Rapid	VA	VA
RIVESTIMENTO | COATING	–	–	–	–	VAP
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–	–	–
TOLLERANZA | TOLERANCE	2B	2B	3B	2BX	2BX
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5
TIPO DI FORO | HOLE TYPE					
P | **Acciai** | Steels	P	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	–	M	M	M	M
K | **Ghise** | Cast Irons	K	K	K	–	–
N | **Metalli non ferrosi** | Non-ferrous metals	–	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–	–	S	S
H | **Acciai Temprati** | Hardened Steels	–	–	–	–	–

GRUPPO MATERIALI
MATERIAL GROUPS

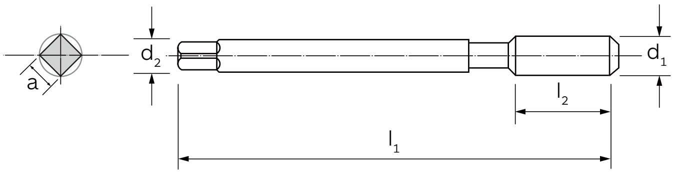
d_1	Filetti/1" Tpi		l_1	l_2	d_2 (h9)	a (h12)	6874	6693	66933B	6749	6749VP
7/16	14	9,40	100	14	8	6,2	●	●	●	–	–
1/2	13	10,80	110	16	9	7,0	●	●	●	●	●
9/16	12	12,20	110	20	11	9,0	●	●	●	–	–
5/8	11	13,50	110	20	12	9,0	●	●	●	●	●
3/4	10	16,50	125	25	14	11,0	●	●	●	●	●
7/8	9	19,50	140	25	18	14,5	●	●	●	●	●
1"	8	22,25	160	30	18	14,5	●	●	●	●	●
1 1/8	7	25,00	180	-	22	18,0	–	●	●	–	–
1 1/4	7	28,00	180	-	22	18,0	–	●	●	–	–
1 3/8	6	30,75	200	-	28	22,0	–	●	●	–	–
1 1/2	6	34,00	200	-	32	24,0	–	●	●	–	–
1 3/4	5	39,50	220	-	36	29,0	–	●	●	–	–
2"	5	45,00	250	-	40	32,0	–	●	●	–	–

B
02

UNF - DIN 2184/2

Maschi a mano in serie di 2 pezzi composta da sbozzatore (P) e finitore (T)
Hand taps, series in set of 2 pieces, consisting of taper (P) and bottom (T)

UNF | **2184 2** DIN | P. 632→



	6776P	6776T
MATERIALE | MATERIAL	HSS	HSS
TIPO | TYPE	N	N
RIVESTIMENTO | COATING	–	–
ANGOLO ELICA | HELIX ANGLE	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–
TOLLERANZA | TOLERANCE	2B	2B
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	A/5-6	C/2,5-3
TIPO DI FORO | HOLE TYPE		

GRUPPO MATERIALI | MATERIAL GROUPS

	6776P	6776T
P | **Acciai** | Steels	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M
K | **Ghise** | Cast Irons	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	S	S
H | **Acciai Temprati** | Hardened Steels	–	–

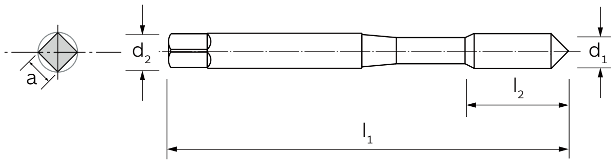
6776 (Serie | Set)

d1	Filetti/1" Tpi	(drill)	l1	l2	d2 (h9*)	a (h12)	6776P	6776T	6776
nr. **1**	**72**	1,55	45	8	2,8	2,1	●	●	●
nr. **2**	**64**	1,85	45	9	2,8	2,1	●	●	●
nr. **3**	**56**	2,15	40	9	2,8	2,1	●	●	●
nr. **4**	**48**	2,40	40	11	3,5	2,7	●	●	●
nr. **5**	**44**	2,70	40	11	3,5	2,7	●	●	●
nr. **6**	**40**	2,95	45	13	4,0	3,0	●	●	●
nr. **8**	**36**	3,50	45	13	4,5	3,4	●	●	●
nr. **10**	**32**	4,10	50	12	6,0	4,9	●	●	●
nr. **12**	**28**	4,70	50	17	6,0	4,9	●	●	●
1/4	28	5,50	50	14	6,0	4,9	●	●	●
5/16	24	6,90	56	22	6,0	4,9	●	●	●
3/8	24	8,50	63	22	7,0	5,5	●	●	●
7/16	20	9,90	63	20	8,0	6,2	●	●	●
1/2	20	11,50	70	22	9,0	7,0	●	●	●
9/16	18	12,90	70	22	11,0	9,0	●	●	●
5/8	18	14,50	70	22	12,0	9,0	●	●	●
3/4	16	17,50	80	22	14,0	11,0	●	●	●
7/8	14	20,40	80	22	18,0	14,5	●	●	●
1	12	23,25	90	22	18,0	14,5	●	●	●
1 1/8	12	26,50	90	22	22,0	18,0	●	●	●
1 1/4	12	29,50	90	22	22,0	18,0	●	●	●
1 3/8	12	32,75	125	40	28,0	22,0	●	●	●
1 1/2	12	36,00	125	40	32,0	24,0	●	●	●

* **La tolleranza del gambo per il 1° e 2° maschio è h 12** | Shank tolerance of 1st and 2nd tap h 12

Maschi a macchina con gambo rinforzato, similare DIN 371
Machine taps with reinforced shank, similar to DIN 371

UNF | **2184 -1** DIN | P. 632→



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	N	N 15°	N 40°	N 40°	N 40°
RIVESTIMENTO | COATING	-	-	-	-	TiN
ANGOLO ELICA | HELIX ANGLE	0°	15°	40°	40°	40°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-	-	-	-
TOLLERANZA | TOLERANCE	2B	2B	2B	3B	2B
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE					

GRUPPO MATERIALI MATERIAL GROUPS

P | **Acciai** | Steels	P	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	-	-	-	-	M
K | **Ghise** | Cast Irons	K	K	K	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-	-	-	-	-
H | **Acciai Temprati** | Hardened Steels	-	-	-	-	-

d_1	Filetti/1" Tpi		l_1	l_2	l_2 (35-40 50°)	d_2 (h9)	a (h12)		6838	6719	6680	66803B	6680TN
nr. **1**	**72**	1,55	45	8	-	3	2,1		●	-	-	-	-
nr. **2**	**64**	1,85	45	9	-	3	2,1		●	-	-	-	-
nr. **3**	**56**	2,15	50	9	-	3	2,1		●	-	-	-	-
nr. **4**	**48**	2,40	56	11	-	4	2,7		●	-	-	-	-
nr. **5**	**44**	2,70	56	11	5	4	2,7		●	●	●	●	●
nr. **6**	**40**	2,95	56	13	6	4	2,1		●	●	●	●	●
nr. **8**	**36**	3,50	63	13	7	5	2,1		●	●	●	●	●
nr. **10**	**32**	4,10	70	12	8	6	2,7		●	●	●	●	●
nr. **12**	**28**	4,70	80	17	10	6	3,0		●	●	●	●	●
1/4	28	5,50	80	14	10	7	3,4		●	●	●	●	●
5/16	24	6,90	90	22	12	8	4,9		●	●	●	●	●
3/8	24	8,50	90	22	12	10	7,0		●	●	-	●	-

UNF - DIN 2184/1

Maschi a macchina con gambo rinforzato, similare DIN 371
Machine taps with reinforced shank, similar to DIN 371

HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
VA 35°	VA 35°	VR 50°	HD 15°	ALU 45°	**TIPO** | TYPE
–	VAP	VAP	–	–	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
35°	35°	50°	15°	45°	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↻	↻	↻	**DIREZIONE TAGLIO** | CUTTING DIRECTION
–	–	–	–	–	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
2BX	2BX	2BX	2B	2B	**TOLLERANZA** | TOLERANCE
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
					TIPO DI FORO | HOLE TYPE
P	P	P	P	–	**P** | **Acciai** | Steels
M	M	M	–	–	**M** | **Acciai Inossidabili** | Stainless Steels
–	–	–	K	–	**K** | **Ghise** | Cast Irons
N	N	–	–	N	**N** | **Metalli non ferrosi** | Non-ferrous metals
S	S	–	–	–	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
–	–	–	–	–	**H** | **Acciai Temprati** | Hardened Steels

GRUPPO MATERIALI
MATERIAL GROUPS

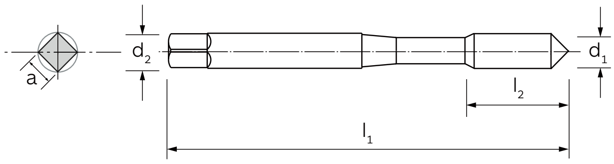
B 02

6794	6794VP	6854VP	6848	6628	d_1	Filetti/1" Tpi		l_1	l_2 (35-40 50°)
–	–	–	–	–	nr. **1**	**72**	1,55	45	-
–	–	–	–	–	nr. **2**	**64**	1,85	45	-
–	–	–	–	–	nr. **3**	**56**	2,15	50	-
–	–	–	–	–	nr. **4**	**48**	2,40	56	-
–	–	–	●	–	nr. **5**	**44**	2,70	56	5
–	–	–	●	–	nr. **6**	**40**	2,95	56	6
–	–	–	●	–	nr. **8**	**36**	3,50	63	7
●	●	●	●	■	nr. **10**	**32**	4,10	70	8
–	–	–	●	–	nr. **12**	**28**	4,70	80	10
●	●	●	●	■	**1/4**	28	5,50	80	10
●	●	●	●	–	**5/16**	24	6,90	90	12
●	●	●	●	■	**3/8**	24	8,50	90	12

■ **Fino ad esaurimento scorte** | Till stocks last

Maschi a macchina con gambo rinforzato, similare DIN 371
Machine taps with reinforced shank, similar to DIN 371

UNF | **2184 -1** DIN | P. 632→



	6607	66073B	6607TN	6718	6718VP	6875
MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	Rapid	Rapid	Rapid	VA	VA	HD
RIVESTIMENTO | COATING	–	–	TiN	–	VAP	–
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°	0°	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–	–	–	–
TOLLERANZA | TOLERANCE	2B	3B	2B	2BX	2BX	2B
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5
TIPO DI FORO | HOLE TYPE						
P | **Acciai** | Steels	P	P	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M	M	M	–
K | **Ghise** | Cast Irons	K	K	K	–	–	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N	N	–
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–	–	S	S	–
H | **Acciai Temprati** | Hardened Steels	–	–	–	–	–	–

GRUPPO MATERIALI MATERIAL GROUPS

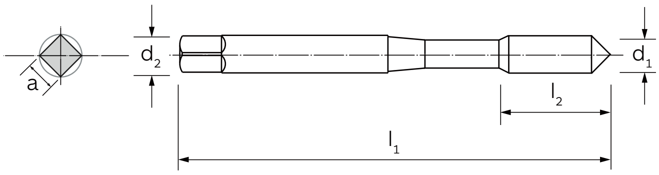
d_1	Filetti/1" Tpi		l_1	l_2	d_2 (h9)	a (h12)	6607	66073B	6607TN	6718	6718VP	6875
nr. **2**	**64**	1,85	45	9	2,8	2,1	●	–	●	●	●	●
nr. **3**	**56**	2,15	50	9	2,8	2,1	●	–	●	●	●	–
nr. **4**	**48**	2,40	56	11	3,5	2,7	●	–	●	●	●	●
nr. **5**	**44**	2,70	56	11	3,5	2,7	●	–	●	●	●	●
nr. **6**	**40**	2,95	56	13	4,0	3,0	●	–	●	●	●	●
nr. **8**	**36**	3,50	63	13	4,5	3,4	●	■	●	●	●	●
nr. **10**	**32**	4,10	70	12	6,0	4,9	●	■	●	●	●	●
nr. **12**	**28**	4,70	80	17	6,0	4,9	●	–	●	●	●	–
1/4	28	5,50	80	14	7,0	5,5	●	■	●	●	●	●
5/16	24	6,90	90	22	8,0	6,2	●	■	●	●	●	●
3/8	24	8,50	90	22	10,0	7,0	●	■	●	●	●	●

UNF - DIN 2184/1

Maschi a macchina a rullare con gambo rinforzato
Cold forming machine taps with reinforced shank

ILIX PRECISION

NEW	UNF	2184 -1	P. 650
6815TN		DIN	P. 650



	senza canalini di lubrificazione / without coolant grooves	con canalini di lubrificazione / with coolant grooves	con canalini di lubrificazione / with coolant grooves
MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	FORMER	FORMER S	FORMER S
RIVESTIMENTO | COATING	NIT	NIT	TiN
ANGOLO ELICA | HELIX ANGLE	–	–	–
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–
TOLLERANZA | TOLERANCE	2BX	2BX	2BX
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE			

GRUPPO MATERIALI / MATERIAL GROUPS

P | **Acciai** | Steels	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M
K | **Ghise** | Cast Irons	–	–	–
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–	–
H | **Acciai Temprati** | Hardened Steels	–	–	–

B 02

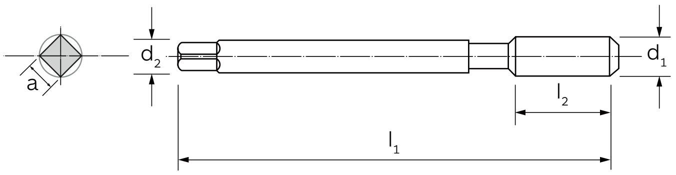
d_1	Filetti/1" Tpi		l_1	l_2	d_2 (h9)	a (h12)		6747	6815	6815TN
nr. **4**	**48**	2,60	56	11	3,5	2,7		●	–	–
nr. **5**	**44**	2,90	56	11	3,5	2,7		●	–	●
nr. **6**	**40**	3,20	56	13	4,0	2,1		–	–	–
nr. **8**	**36**	3,80	63	13	4,5	3,4		●	■	●
nr. **10**	**32**	4,45	70	16	6,0	4,9		●	–	●
nr. **12**	**28**	5,05	80	19	6,0	4,9		●	–	●
1/4	28	5,90	80	19	7,0	5,5		●	–	●
5/16	24	7,40	90	22	8,0	6,2		●	■	●
3/8	24	9,00	90	22	10,0	7,0		●	–	●

■ **Fino ad esaurimento scorte** | Till stocks last

UNF - DIN 2184/1

Maschi a macchina con gambo passante, similare DIN 374
Machine taps with reduced shank, similar to DIN 374

UNF | **2184 -1** DIN | P. 632→



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	N	N 15°	N 40°	N 40°
RIVESTIMENTO | COATING	–	–	–	–
ANGOLO ELICA | HELIX ANGLE	0°	15°	40°	40°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–	–
TOLLERANZA | TOLERANCE	2B	2B	2B	3B
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE				
GRUPPO MATERIALI MATERIAL GROUPS — **P** | **Acciai** | Steels	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	–	–	–	–
K | **Ghise** | Cast Irons	K	K	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–	–	–
H | **Acciai Temprati** | Hardened Steels	–	–	–	–

d_1	Filetti/1" Tpi		l_1	l_2	l_2 (35-40 50°)	d_2 (h9)	a (h12)	6839	6729	6688	66883B
nr. **10**	**32**	4,45	70	16	-	6,0	4,9	–	–	–	–
5/16	24	7,40	90	22	-	8,0	6,2	–	–	–	–
3/8	24	9,00	90	22	-	10,0	7,0	–	–	–	–
7/16	20	9,90	90	20	14	8,0	6,2	●	●	●	●
1/2	20	11,50	100	22	16	9,0	7,0	●	●	●	●
9/16	18	12,90	100	22	20	11,0	9,0	●	●	●	●
5/8	18	14,50	100	22	20	12,0	9,0	●	–	●	●
3/4	16	17,50	110	25	25	14,0	11,0	●	●	●	●
7/8	14	20,40	125	25	25	18,0	14,5	●	–	●	●
1"	12	23,25	140	28	25	18,0	14,5	●	●	●	●
1 1/8	12	26,50	150	28	26	22,0	15,0	●	–	–	–
1 1/4	12	29,50	150	28	27	22,0	15,5	●	–	–	–
1 1/2	12	30,60	170	30	28	28,0	16,5	●	–	–	–

UNF - DIN 2184/1

Maschi a macchina con gambo passante, similare DIN 374
Machine taps with reduced shank, similar to DIN 374

ILIX PRECISION

6796	6855VP	6849	6734	
HSS-Co	HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
VA 35°	VR 50°	HD 15°	ALU 45°	**TIPO** | TYPE
-	VAP	-	-	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
35°	50°	15°	45°	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↻	↻	**DIREZIONE TAGLIO** | CUTTING DIRECTION
-	-	-	-	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
2B	2BX	2B	2B	**TOLLERANZA** | TOLERANCE
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
				TIPO DI FORO | HOLE TYPE
P	P	P	-	**P** | **Acciai** | Steels
M	M	-	-	**M** | **Acciai Inossidabili** | Stainless Steels
-	-	K	-	**K** | **Ghise** | Cast Irons
N	-	-	N	**N** | **Metalli non ferrosi** | Non-ferrous metals
S	-	-	-	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
-	-	-	-	**H** | **Acciai Temprati** | Hardened Steels

GRUPPO MATERIALI
MATERIAL GROUPS

B 02

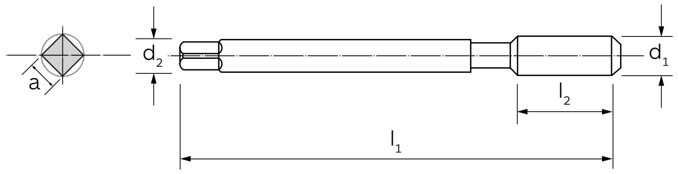
6796	6855VP	6849	6734	d_1	Filetti/1" Tpi	Ø	l_1	l_2 (35-40 50°)
-	-	-	■	nr. **10**	**32**	4,45	70	-
-	-	-	■	**5/16**	24	7,40	90	-
-	-	-	■	**3/8**	24	9,00	90	-
●	●	●	-	**7/16**	20	9,90	90	14
●	●	●	-	**1/2**	20	11,50	100	16
●	●	●	-	**9/16**	18	12,90	100	20
●	●	-	-	**5/8**	18	14,50	100	20
●	●	●	-	**3/4**	16	17,50	110	25
-	-	-	-	**7/8**	14	20,40	125	25
-	-	●	-	**1"**	12	23,25	140	25
-	-	-	-	**1 1/8**	12	26,50	150	26
-	-	-	-	**1 1/4**	12	29,50	150	27
-	-	-	-	**1 1/2**	12	30,60	170	28

■ **Fino ad esaurimento scorte** | Till stocks last

UNF - DIN 2184/1

Maschi a macchina con gambo passante, similare DIN 374
Machine taps with reduced shank, similar to DIN 374

UNF | **2184 -1** DIN | P. 632→



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	Rapid	Rapid	VA	HD
RIVESTIMENTO | COATING	–	–	–	–
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–	–
TOLLERANZA | TOLERANCE	2B	3B	2BX	2B
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	B/4-5	B/4-5	B/4-5	B/4-5
TIPO DI FORO | HOLE TYPE				

GRUPPO MATERIALI MATERIAL GROUPS

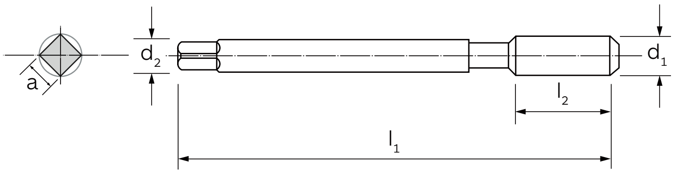
P | **Acciai** | Steels	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M	–
K | **Ghise** | Cast Irons	K	K	–	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	–
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–	S	–
H | **Acciai Temprati** | Hardened Steels	–	–	–	–

d1	Filetti/1" Tpi		l1	l2	d2 (h9)	a (h12)		6687	66873B	6797	6876
7/16	20	9,90	90	20	8	6,2		●	●	●	●
1/2	20	11,50	100	22	9	7,0		●	●	●	●
9/16	18	12,90	100	22	11	9,0		●	●	–	●
5/8	18	14,50	100	22	12	9,0		●	●	●	●
3/4	16	17,50	110	25	14	11,0		●	●	●	●
7/8	14	20,40	125	25	18	14,5		●	●	–	●
1"	12	23,25	140	28	18	14,5		●	●	–	●
1 1/8	12	26,50	150	28	22	18,0		●	●	–	–
1 1/4	12	29,50	150	28	22	18,0		●	●	–	–
1 3/8	12	32,75	170	30	28	22,0		●	●	–	–
1 1/2	12	36,00	170	30	32	24,0		●	●	–	–

UNF - DIN 2184/1

Maschi a macchina a rullare con gambo passante, similare DIN 374
Cold forming machine taps with reduced shank, similar to DIN 374

NEW	UNF	2184 -1	P. 650
6816TN		DIN	



	MATERIALE | MATERIAL	HSS-Co	HSS-Co
	TIPO | TYPE	FORMER S	FORMER S
	RIVESTIMENTO | COATING	NIT	TiN
	ANGOLO ELICA | HELIX ANGLE	–	–
	DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻
	LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–
	TOLLERANZA | TOLERANCE	2BX	2BX
	FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3
	TIPO DI FORO | HOLE TYPE		
GRUPPO MATERIALI MATERIAL GROUPS	**P** | **Acciai** | Steels	P	P
	M | **Acciai Inossidabili** | Stainless Steels	M	M
	K | **Ghise** | Cast Irons	–	–
	N | **Metalli non ferrosi** | Non-ferrous metals	N	N
	S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–
	H | **Acciai Temprati** | Hardened Steels	–	–

B 02

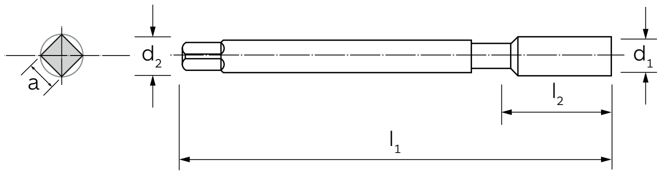
d_1	Filetti/1" Tpi		l_1	l_2	d_2 (h9)	a (h12)	6816	6816TN
7/16	20	10,5	90	20	8	6,2	-	●
1/2	20	12,10	100	22	9	7,0	■	●
5/8	18	15,20	100	22	12	9,0	■	●

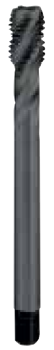
■ **Fino ad esaurimento scorte** | Till stocks last

UN-8 - DIN 2184-1

Maschi a macchina con gambo passante | Machine taps with reduced shank

UN-8 ASME B.1.1 | **2184 -1** DIN | P. 640





MATERIALE | MATERIAL	HSS-Co
TIPO | TYPE	VA 35°
RIVESTIMENTO | COATING	VAP
ANGOLO ELICA | HELIX ANGLE	35°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-
TOLLERANZA | TOLERANCE	2B
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3
TIPO DI FORO | HOLE TYPE	

GRUPPO MATERIALI MATERIAL GROUPS

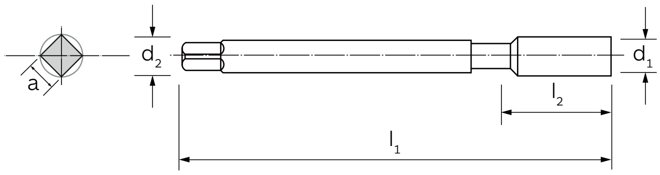
P | **Acciai** | Steels	P
M | **Acciai Inossidabili** | Stainless Steels	M
K | **Ghise** | Cast Irons	-
N | **Metalli non ferrosi** | Non-ferrous metals	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	S
H | **Acciai Temprati** | Hardened Steels	-

d_1	Filetti/1" Tpi		l_1	l_2	d_2 (h9)	a (h12)	6945VP
1 1/8	8	25,40	180	40	22	18	●
1 1/4	8	28,60	180	40	22	18	●
1 3/8	8	31,75	200	50	28	22	●
1 1/2	8	35,00	200	50	28	22	●

BSW - DIN 2184-2

Maschi a mano in serie di 3 pezzi composta da sbozzatore (P), intermedio (S), finitore (T)
Hand taps, series in set of 3 pieces, consisting of taper (P), plug (S) and bottom (T)

BSW | **2184 2**
DIN 11 | **DIN**



MATERIALE | MATERIAL	HSS	HSS	HSS
TIPO | TYPE	N	N	N
RIVESTIMENTO | COATING	–	–	–
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–
TOLLERANZA | TOLERANCE	–	–	–
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	A/5-6	D/3-4	C/2,5-3
TIPO DI FORO | HOLE TYPE			
GRUPPO MATERIALI | MATERIAL GROUPS			
P | **Acciai** | Steels	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M
K | **Ghise** | Cast Irons	K	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	S	S	S
H | **Acciai Temprati** | Hardened Steels	–	–	–

B 02

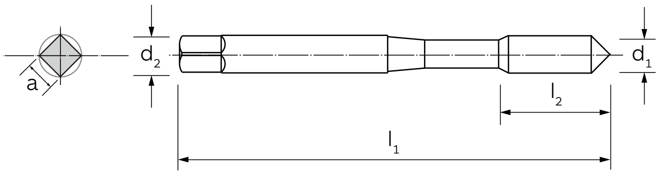
d_1	Filetti/1" Tpi		l_1	l_2	d_2 (h9*)	a (h12)	6603P	6603S	6603T	6603 (Serie | Set)
1/16	**60**	1,20	32	8	2,5	2,1	●	●	●	●
3/32	**48**	1,90	40	9	2,8	2,1	●	●	●	●
1/8	**40**	2,50	40	11	3,5	2,7	●	●	●	●
5/32	**32**	3,20	45	13	4,5	3,4	●	●	●	●
3/16	**24**	3,60	50	16	6,0	4,9	●	●	●	●
7/32	**24**	4,50	50	17	6,0	4,9	●	●	●	●
1/4	**20**	5,10	50	19	6,0	4,9	●	●	●	●
5/16	**18**	6,50	56	22	6,0	4,9	●	●	●	●
3/8	**16**	7,90	63	22	7,0	5,5	●	●	●	●
7/16	**14**	9,30	70	24	8,0	6,2	●	●	●	●
1/2	**12**	10,50	75	29	9,0	7,0	●	●	●	●
9/16	**12**	12,00	80	30	11,0	9,0	●	●	●	●
5/8	**11**	13,50	80	32	12,0	9,0	●	●	●	●
3/4	**10**	16,50	95	40	14,0	11,0	●	●	●	●
7/8	**9**	19,25	100	40	18,0	14,5	●	●	●	●
1"	**8**	22,00	110	50	18,0	14,5	●	●	●	●
1 1/8	**7**	24,75	125	56	22,0	18,0	●	●	●	●
1 1/4	**7**	28,00	125	56	22,0	18,0	●	●	●	●
1 3/8	**6**	30,50	150	63	28,0	22,0	●	●	●	●
1 1/2	**6**	33,50	150	63	32,0	24,0	●	●	●	●
1 5/8	**5**	35,50	150	63	32,0	24,0	●	●	●	●
1 3/4	**5**	39,00	160	70	36,0	29,0	●	●	●	●
2"	**4,5**	44,50	180	75	40,0	32,0	●	●	●	●

* **La tolleranza del gambo per il 1° e 2° maschio è h 12** | Shank tolerance of 1st and 2nd tap h 12

BSW - DIN 2184-1

Maschi a macchina con gambo rinforzato, similare DIN 371
Machine taps with reinforced shank, similar to DIN 371

BSW	2184 -1	
DIN 11	DIN	P. 632➔



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	N	N 40°	Rapid
RIVESTIMENTO | COATING	-	-	-
ANGOLO ELICA | HELIX ANGLE	0°	40°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-	-
TOLLERANZA | TOLERANCE	-	-	-
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	B/4-5
TIPO DI FORO | HOLE TYPE			

GRUPPO MATERIALI MATERIAL GROUPS

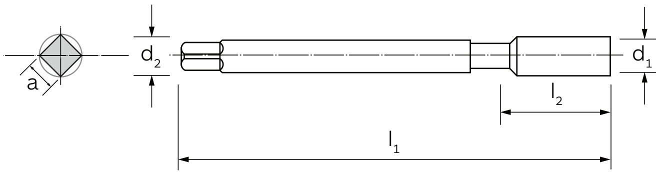
P | **Acciai** | Steels	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	-	-	M
K | **Ghise** | Cast Irons	K	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-	-	-
H | **Acciai Temprati** | Hardened Steels	-	-	-

d_1	Filetti/1" Tpi		l_1	l_2	d_2 (h9)	a (h12)		6699	6836	6697
1/8	40	2,5	56	11	3,5	2,7		●	●	●
5/32	32	3,2	63	13	4,5	3,4		●	●	●
3/16	24	3,6	70	16	6,0	4,9		●	●	●
1/4	20	5,1	80	17	7,0	5,5		●	●	●
5/16	18	6,5	90	20	8,0	6,2		●	●	●
3/8	16	7,9	90	20	9,0	7,0		●	-	-

BSW - DIN 2184-1

Maschi a macchina con gambo passante, similare DIN 376
Machine taps with reduced shank, similar to DIN 376

BSW	2184 -1	
DIN 11	DIN	P. 632→



	6837	6636
MATERIALE | MATERIAL	HSS-Co	HSS-Co
TIPO | TYPE	N 40°	Rapid
RIVESTIMENTO | COATING	-	-
ANGOLO ELICA | HELIX ANGLE	40°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-
TOLLERANZA | TOLERANCE	-	-
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	B/4-5
TIPO DI FORO | HOLE TYPE		

GRUPPO MATERIALI MATERIAL GROUPS

	6837	6636
P | **Acciai** | Steels	P	P
M | **Acciai Inossidabili** | Stainless Steels	-	M
K | **Ghise** | Cast Irons	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-	-
H | **Acciai Temprati** | Hardened Steels	-	-

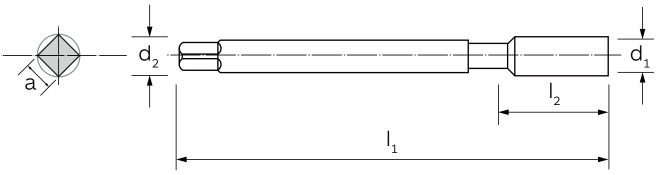
B 02

d_1	Filetti/1" Tpi		l_1	l_2	d_2 (h9)	a (h12)	6837	6636
7/16	14	9,30	100	24	8	6,2	●	●
1/2	12	10,50	110	29	9	7,0	●	●
9/16	12	12,00	110	30	11	9,0	●	●
5/8	11	13,50	110	32	12	9,0	●	●
3/4	10	16,50	125	34	14	11,0	●	●
7/8	9	19,25	140	34	18	14,5	●	●
1"	8	22,00	160	38	18	14,5	●	●

RP - DIN 5157

Maschi a macchina con gambo passante
Machine taps with reduced shank

Rp (BSPP) | **5157** |
ISO 7-1 | DIN | P. 632→



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	N 15°	GG	Rapid
RIVESTIMENTO | COATING	-	NIT	-
ANGOLO ELICA | HELIX ANGLE	15°	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION			
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-	-
TOLLERANZA | TOLERANCE	-	-	-
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	B/4-5
TIPO DI FORO | HOLE TYPE			
GRUPPO MATERIALI MATERIAL GROUPS			
P | **Acciai** | Steels	P	-	P
M | **Acciai Inossidabili** | Stainless Steels	-	-	M
K | **Ghise** | Cast Irons	K	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-	-	-
H | **Acciai Temprati** | Hardened Steels	-	-	-

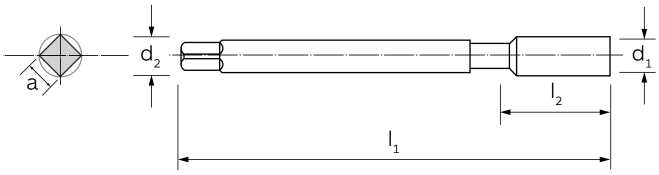
d_1	Filetti/1" Tpi		l_1	l_2	d_2 (h9)	a (h12)	6675	6674	6673
1/16	28	6,60	90	22	6	4,9	-	-	●
1/8	28	8,60	90	20	7	5,5	●	●	●
1/4	19	11,50	100	22	11	9,0	●	●	●
3/8	19	15,00	100	22	12	9,0	●	●	●
1/2	14	18,75	125	25	16	12,0	●	●	●
3/4	14	24,25	140	28	20	16,0	●	●	●
1"	11	30,25	160	30	25	20,0	●	●	●
1 1/4	11	39,00	170	30	32	24,0	-	●	●
1 1/2	11	45,00	190	32	36	29,0	-	●	●
2"	11	56,50	190	32	45	35,0	-	●	●

G (BSP) - DIN 2184-2

Maschi a mano in serie di 2 pezzi composta da sbozzatore (P) e finitore (T)
Hand taps, series in set of 2 pieces, consisting of taper (P) and bottom (T)

G (BSP) — DIN EN ISO 228

2184 2 — DIN



	6627P	6627T
MATERIALE | MATERIAL	HSS	HSS
TIPO | TYPE	N	N
RIVESTIMENTO | COATING	–	–
ANGOLO ELICA | HELIX ANGLE	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–
TOLLERANZA | TOLERANCE	–	–
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	A/5-6	C/2,5-3
TIPO DI FORO | HOLE TYPE		
GRUPPO MATERIALI | MATERIAL GROUPS		
P | **Acciai** | Steels	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M
K | **Ghise** | Cast Irons	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	S	S
H | **Acciai Temprati** | Hardened Steels	–	–

B 02

d_1	Filetti/1" Tpi		l_1	l_2	d_2 (h9)	a (h12)	6627P	6627T	6627 (Serie | Set)
1/8	28	8,80	63	20	7	5,5	●	●	●
1/4	19	11,80	70	22	11	9,0	●	●	●
3/8	19	15,25	70	22	12	9,0	●	●	●
1/2	14	19,00	80	22	16	12,0	●	●	●
5/8	14	21,00	80	22	18	14,5	●	●	●
3/4	14	24,50	90	22	20	16,0	●	●	●
7/8	14	28,25	90	22	22	18,0	●	●	●
1"	11	30,75	100	25	25	20,0	●	●	●
1 1/8	11	35,50	125	40	28	22,0	●	●	●
1 1/4	11	39,50	125	40	32	24,0	●	●	●
1 3/8	11	42,00	125	40	36	29,0	●	●	●
1 1/2	11	45,00	140	40	36	29,0	●	●	●
1 3/4	11	51,00	140	40	40	32,0	●	●	●
2"	11	57,00	160	40	45	35,0	●	●	●

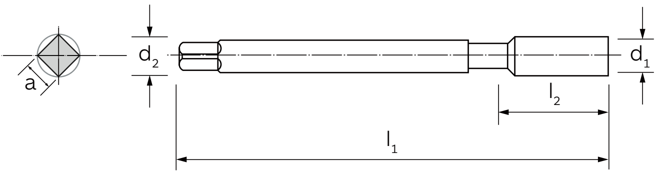
* **La tolleranza del gambo per il 1° e 2° maschio è h 12** | Shank tolerance of 1st and 2nd tap h 12

■ **Fino ad esaurimento scorte** | Till stocks last

G (BSP) - DIN 2184-2

Maschi a macchina corti con gambo passante, secondo DIN 259 e DIN-ISO 228
Short machine taps with reduced shank, as per DIN 259 e DIN-ISO 228

G (BSP) DIN EN ISO 228 | **2184 2** DIN | P. 632→



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	N	N 15°	MS	VA 15°
RIVESTIMENTO | COATING	-	-	-	-
ANGOLO ELICA | HELIX ANGLE	0°	15°	0°	15°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-	-	-
TOLLERANZA | TOLERANCE	-	-	ISO 228+0,1	-
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	E/1-2	E/1,5-2	E/1-2
TIPO DI FORO | HOLE TYPE				

GRUPPO MATERIALI MATERIAL GROUPS

P | **Acciai** | Steels	P	P	-	P
M | **Acciai Inossidabili** | Stainless Steels	-	-	-	M
K | **Ghise** | Cast Irons	K	K	-	-
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-	-	-	S
H | **Acciai Temprati** | Hardened Steels	-	-	-	-

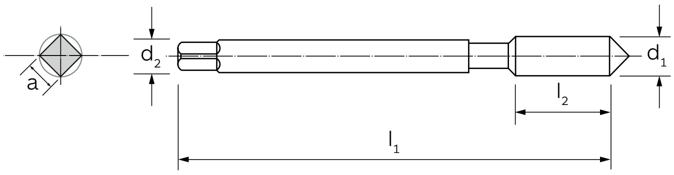
d_1	Filetti/1" Tpi		l_1	l_2	d_2 (h9)	a (h12)		6858	6905	6913	6951
1/16	28	6,80	56	22	6	4,9		●	-	●	●
1/8	28	8,80	63	20	7	5,5		●	-	●	●
1/4	19	11,80	70	22	11	9,0		●	●	●	●
3/8	19	15,25	70	22	12	9,0		●	●	●	●
1/2	14	19,00	80	22	16	12,0		●	●	●	●
5/8	14	21,00	80	22	18	14,5		●	-	●	●
3/4	14	24,50	90	22	20	16,0		●	●	●	●
7/8	14	28,25	90	22	22	18,0		●	-	●	●
1"	11	30,75	100	25	25	20,0		●	-	●	●
1 1/8	11	35,50	125	40	28	22,0		-	-	●	-
1 1/4	11	39,50	125	40	32	24,0		●	-	●	-
1 3/8	11	42,00	125	40	36	29,0		-	-	●	-
1 1/2	11	45,00	140	40	36	29,0		-	-	●	-

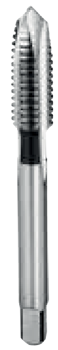
G (BSP) - DIN 2184-2

Maschi a macchina corti con gambo passante, secondo DIN 259 e DIN-ISO 228
Short machine taps with reduced shank, as per DIN 259 e DIN-ISO 228

ILIX PRECISION

G (BSP)	2184 2	
DIN EN ISO 228	DIN	P. 632





MATERIALE | MATERIAL	HSS-Co
TIPO | TYPE	VA
RIVESTIMENTO | COATING	-
ANGOLO ELICA | HELIX ANGLE	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-
TOLLERANZA | TOLERANCE	-
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	B/4-5
TIPO DI FORO | HOLE TYPE	

GRUPPO MATERIALI MATERIAL GROUPS

P | **Acciai** | Steels	P
M | **Acciai Inossidabili** | Stainless Steels	M
K | **Ghise** | Cast Irons	-
N | **Metalli non ferrosi** | Non-ferrous metals	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	S
H | **Acciai Temprati** | Hardened Steels	-

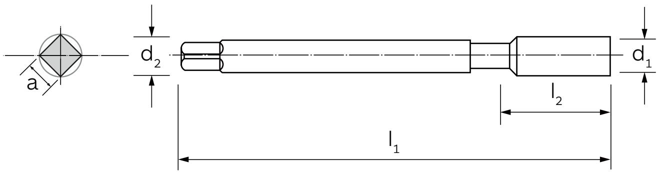
B 02

d_1	Filetti/1" Tpi		l_1	l_2	d_2 (h9)	a (h12)	6857
1/16	28	6,80	56	22	6	4,9	●
1/8	28	8,80	63	20	7	5,5	●
1/4	19	11,80	70	22	11	9,0	●
3/8	19	15,25	70	22	12	9,0	●
1/2	14	19,00	80	22	16	12,0	●
3/4	14	24,50	90	22	20	16,0	●
1"	11	30,75	100	25	25	20,0	●
1 1/4	11	39,50	125	40	32	24,0	●
1 1/2	11	45,00	140	40	36	29,0	●

G (BSP) - DIN 5156

Maschi a macchina con gambo passante, secondo DIN 259 e DIN-ISO 228
Machine taps with reduced shank, as per DIN 259 e DIN-ISO 228

G (BSP)	5156	
DIN EN ISO 228	DIN	P. 642



MATERIALE | MATERIAL	HSS-Co	HSS-Co
TIPO | TYPE	HD	HD
RIVESTIMENTO | COATING	-	TiN
ANGOLO ELICA | HELIX ANGLE	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-
TOLLERANZA | TOLERANCE	-	-
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE		
GRUPPO MATERIALI MATERIAL GROUPS — **P** | **Acciai** | Steels	P	P
M | **Acciai Inossidabili** | Stainless Steels	-	-
K | **Ghise** | Cast Irons	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	-	-
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-	-
H | **Acciai Temprati** | Hardened Steels	-	-

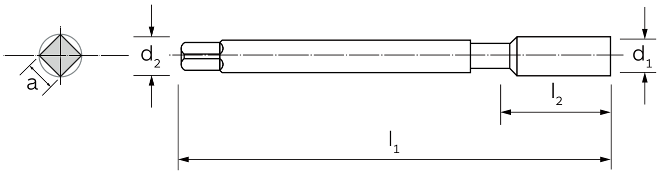
d_1	Filetti/1" Tpi		l_1	l_2	d_2 (h9)	a (h12)	6912	6912TN
1/8	28	8,80	90	20	7	5,5	●	●
1/4	19	11,80	100	22	11	9,0	●	●
3/8	19	15,25	100	22	12	9,0	●	●
1/2	14	19,00	125	25	16	12,0	●	●
5/8	14	21,00	125	25	18	14,5	■	■
3/4	14	24,50	140	28	20	16,0	●	●
7/8	14	28,25	150	28	22	18,0	■	■
1"	11	30,75	160	30	25	20,0	●	●
2"	11	57,00	220	40	45	35,0	■	■

■ **Fino ad esaurimento scorte** | Till stocks last

G (BSP) - DIN 5156

Maschi a macchina con gambo passante, secondo DIN 259 e DIN-ISO 228
Machine taps with reduced shank, as per DIN 259 e DIN-ISO 228

G (BSP)	5156	
DIN EN ISO 228	DIN	P. 632→



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	N 15°	N 40°	N 40°	N 40°
RIVESTIMENTO | COATING	–	–	VAP	TiN
ANGOLO ELICA | HELIX ANGLE	15°	40°	40°	40°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–	–
TOLLERANZA | TOLERANCE	–	–	–	–
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE				

GRUPPO MATERIALI MATERIAL GROUPS

P | **Acciai** | Steels	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	–	–	–	M
K | **Ghise** | Cast Irons	K	K	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–	–	–
H | **Acciai Temprati** | Hardened Steels	–	–	–	–

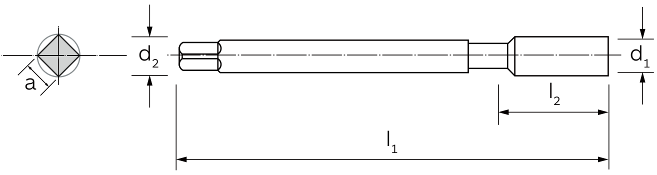
d_1	Filetti/1" Tpi		l_1	l_2	d_2 (h9)	a (h12)		6665	6703	6703VP	6703TN
1/16	28	6,80	90	12	6	4,9		–	●	●	●
1/8	28	8,80	90	14	7	5,5		●	●	●	●
1/4	19	11,80	100	20	11	9,0		●	●	●	●
3/8	19	15,25	100	20	12	9,0		●	●	●	●
1/2	14	19,00	125	25	16	12,0		●	●	●	●
5/8	14	21,00	125	25	18	14,5		●	●	●	●
3/4	14	24,50	140	28	20	16,0		●	●	●	●
7/8	14	28,25	150	28	22	18,0		●	●	●	●
1"	11	30,75	160	30	25	20,0		●	●	●	●

B
02

G (BSP) - DIN 5156

Maschi a macchina con gambo passante, secondo DIN 259 e DIN-ISO 228
Machine taps with reduced shank, as per DIN 259 e DIN-ISO 228

NEW	G (BSP)	5156	
6701XP	DIN EN ISO 228	DIN	P. 632→



	6716	6701	6701VP	6701XP
MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	VA 15°	VA 35°	VA 35°	VA 35°
RIVESTIMENTO | COATING	-	-	VAP	AlCrN TOP
ANGOLO ELICA | HELIX ANGLE	15°	35°	35°	35°
DIREZIONE TAGLIO | CUTTING DIRECTION				
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-	-	-
TOLLERANZA | TOLERANCE	-	-	-	-
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE				

GRUPPO MATERIALI MATERIAL GROUPS

	6716	6701	6701VP	6701XP
P | **Acciai** | Steels	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M	M
K | **Ghise** | Cast Irons	-	-	-	-
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	S	S	S	S
H | **Acciai Temprati** | Hardened Steels	-	-	-	-

d_1	Filetti/1" Tpi		l_1	l_2	l_2 (35-40 50°)	d_2 (h9)	a (h12)	6716	6701	6701VP	6701XP
1/16	28	6,80	90	22	12	6	4,9	●	-	-	-
1/8	28	8,80	90	20	14	7	5,5	●	●	●	●
1/4	19	11,80	100	22	20	11	9,0	●	●	●	●
3/8	19	15,25	100	22	20	12	9,0	●	●	●	●
1/2	14	19,00	125	25	25	16	12,0	●	●	●	●
5/8	14	21,00	125	25	25	18	14,5	●	●	●	●
3/4	14	24,50	140	28	28	20	16,0	●	●	●	●
7/8	14	28,25	150	28	28	22	18,0	●	●	●	●
1"	11	30,75	160	30	30	25	20,0	●	●	●	●
1 1/8	11	35,50	170	30	30	28	22,0	-	-	-	-
1 1/4	11	39,50	170	30	30	32	24,0	-	-	-	-
1 3/8	11	42,00	180	32	32	36	29,0	-	-	-	-
1 1/2	11	45,00	190	32	32	36	29,0	-	-	-	-
1 3/4	11	51,00	190	32	32	40	32,0	-	-	-	-
2"	11	57,00	220	40	36	45	35,0	-	-	-	-

G (BSP) - DIN 5156

Maschi a macchina con gambo passante, secondo DIN 259 e DIN-ISO 228
Machine taps with reduced shank, as per DIN 259 e DIN-ISO 228

HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
VR 50°	GG	GG	**TIPO** | TYPE
VAP	NIT	TiAlN Futura	**RIVESTIMENTO/ TRATTAMENTO** | COATING/ TREATMENT
50°	0°	0°	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↻	**DIREZIONE TAGLIO** | CUTTING DIRECTION
-	-	-	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
-	-	-	**TOLLERANZA** | TOLERANCE
C/2,5-3	C/2,5-3	C/2,5-3	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
			TIPO DI FORO | HOLE TYPE
P	-	-	**P** | **Acciai** | Steels
M	K	K	**M** | **Acciai Inossidabili** | Stainless Steels
-	-	-	**K** | **Ghise** | Cast Irons
-	N	N	**N** | **Metalli non ferrosi** | Non-ferrous metals
-	-	-	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
-	-	-	**H** | **Acciai Temprati** | Hardened Steels

GRUPPO MATERIALI
MATERIAL GROUPS

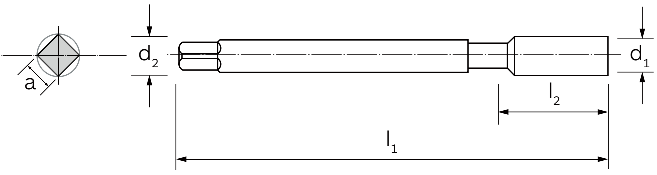
B
02

6856VP	6708	6708TF		d_1	Filetti/1" Tpi		l_1	l_2 (35-40 50°)
-	●	●		**1/16**	28	6,80	90	12
●	●	●		**1/8**	28	8,80	90	14
●	●	●		**1/4**	19	11,80	100	20
●	●	●		**3/8**	19	15,25	100	20
●	●	●		**1/2**	14	19,00	125	25
-	●	●		**5/8**	14	21,00	125	25
●	●	●		**3/4**	14	24,50	140	28
-	●	●		**7/8**	14	28,25	150	28
●	●	●		**1"**	11	30,75	160	30
-	●	●		**1 1/8**	11	35,50	170	30
-	●	●		**1 1/4**	11	39,50	170	30
-	●	●		**1 3/8**	11	42,00	180	32
-	●	●		**1 1/2**	11	45,00	190	32
-	●	●		**1 3/4**	11	51,00	190	32
-	●	●		**2"**	11	57,00	220	36

G (BSP) - DIN 5156

Maschi a macchina con gambo passante, secondo DIN 259 e DIN-ISO 228
Machine taps with reduced shank, as per DIN 259 e DIN-ISO 228

NEW 6700XP	G (BSP) DIN EN ISO 228	5156 DIN	P. 632→



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	Rapid	Rapid	Rapid	VA	VA	VA
RIVESTIMENTO | COATING	–	VAP	TiN	–	VAP	AlCrN TOP
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°	0°	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–	–	–	–
TOLLERANZA | TOLERANCE	–	–	–	–	–	–
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5	B/4-5
TIPO DI FORO | HOLE TYPE						
P | **Acciai** | Steels	P	P	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M	M	M	M
K | **Ghise** | Cast Irons	K	K	K	–	–	–
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–	–	S	S	S
H | **Acciai Temprati** | Hardened Steels	–	–	–	–	–	–

GRUPPO MATERIALI MATERIAL GROUPS

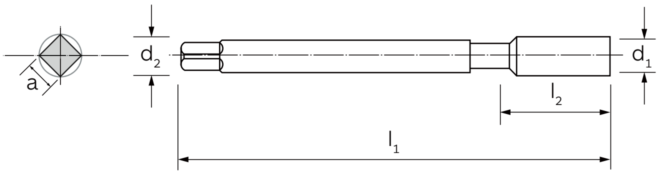
d_1	Filetti/1" Tpi	⌀	l_1	l_2	d_2 (h9)	a (h12)	6704	6704VP	6704TN	6700	6700VP	6700XP
1/16	28	6,80	90	22	6	4,9	–	–	–	●	●	●
1/8	28	8,80	90	20	7	5,5	●	●	●	●	●	●
1/4	19	11,80	100	22	11	9,0	●	●	●	●	●	●
3/8	19	15,25	100	22	12	9,0	●	●	●	●	●	●
1/2	14	20,10	125	25	16	12,0	●	●	●	●	●	●
5/8	14	21,00	125	25	18	14,5	●	●	●	●	●	●
3/4	14	24,50	140	28	20	16,0	●	●	●	●	●	●
7/8	14	28,25	150	28	22	18,0	●	●	●	●	●	●
1"	11	30,75	160	30	25	20,0	●	●	●	●	●	●
1 1/8	11	35,50	170	30	28	22,0	●	●	●	–	–	–
1 1/4	11	39,50	170	30	32	24,0	●	●	●	–	–	–
1 1/2	11	45,00	190	32	36	29,0	●	●	●	–	–	–
1 3/4	11	51,00	190	32	40	32,0	●	●	●	–	–	–
2"	11	57,00	220	40	45	35,0	●	●	●	–	–	–

G (BSP) - DIN 2184-1

Maschi a macchina a rullare con gambo passante
Cold forming machine taps with reduced shank

ILIX PRECISION

NEW	G (BSP)	2184 -1	P. 650
6818TN	DIN EN ISO 228	DIN	



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	FORMER	FORMER S	FORMER S
RIVESTIMENTO | COATING	NIT	NIT	TiN
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-	-
TOLLERANZA | TOLERANCE	-	-	-
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	B/4-5	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE			
GRUPPO MATERIALI MATERIAL GROUPS — **P** | **Acciai** | Steels	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	M	M	M
K | **Ghise** | Cast Irons	-	-	-
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-	-	-
H | **Acciai Temprati** | Hardened Steels	-	-	-

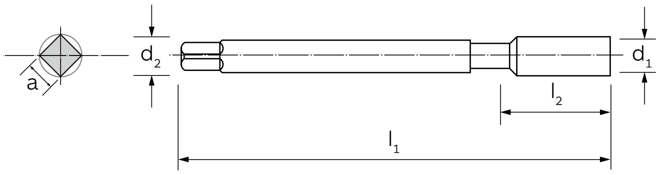
B 02

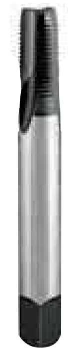
d_1	Filetti/1" Tpi	⌀	l_1	l_2	d_2 (h9)	a (h12)		6702	6818	6818TN
1/16	28	6,80	90	22	6	4,9		●	-	●
1/8	28	8,80	90	20	7	5,5		●	-	●
1/4	19	11,80	100	22	11	9,0		●	-	●
3/8	19	15,25	100	22	12	9,0		●	■	●
1/2	14	20,10	125	25	16	12,0		●	-	●

■ **Fino ad esaurimento scorte** | Till stocks last

Maschi a macchina con gambo passante, Conicità 1:16
Machine taps with reduced shank, taper 1:16

RC BSPT | **5156** DIN | **P. 636**





MATERIALE | MATERIAL	HSS-Co
TIPO | TYPE	N
RIVESTIMENTO | COATING	-
ANGOLO ELICA | HELIX ANGLE	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-
TOLLERANZA | TOLERANCE	-
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3
TIPO DI FORO | HOLE TYPE	

GRUPPO MATERIALI MATERIAL GROUPS

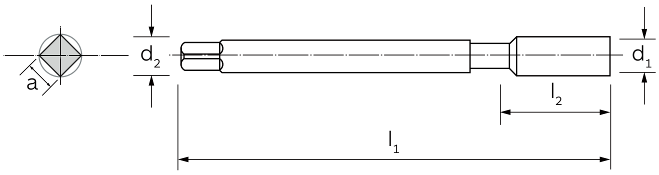
P | **Acciai** | Steels	P
M | **Acciai Inossidabili** | Stainless Steels	-
K | **Ghise** | Cast Irons	K
N | **Metalli non ferrosi** | Non-ferrous metals	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-
H | **Acciai Temprati** | Hardened Steels	-

d_1	Filetti/1" Tpi	⌀	l_1	l_2	d_2 (h9)	a (h12)	6790
1/8	28	8,2	90	13	10	8	●
1/4	19	11,0	100	20	14	11	●
3/8	19	14,0	110	20	14	11	●
1/2	14	18,0	140	25	16	12	●
3/4	14	23,5	150	26	20	16	●
1"	11	29,5	170	32	25	20	●

NPT/NPTF - ILIX NORM

Maschi a macchina, conicità 1:16, angolo di filettatura 60° similare DIN 2181
Machine taps, taper 1:16, included angle 60° similar to DIN 2181

NPT	NPTF	ILIX NORM	
ASME B1.20.1	ANSI B1.20.3	DIN	P. 632→



	NPT	NPTF	NPT
MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	N	N	AZ/VA
RIVESTIMENTO | COATING	–	–	–
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–
TOLLERANZA | TOLERANCE	–	–	–
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE			
GRUPPO MATERIALI | MATERIAL GROUPS			
P | **Acciai** | Steels	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	–	–	M
K | **Ghise** | Cast Irons	K	K	–
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–	S
H | **Acciai Temprati** | Hardened Steels	–	–	–

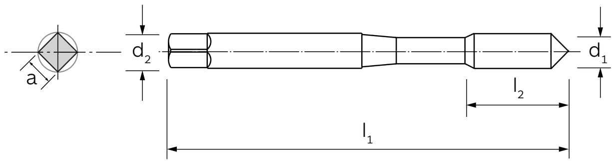
d_1	Filetti/1" Tpi		l_1	l_2	d_2 (h9)	a (h12)	6610	6611	6916
1/16	27	6,20	56	14	6	4,9	●	●	●
1/8	27	8,50	63	15	7	5,5	●	●	●
1/4	18	11,10	70	21	11	9,0	●	●	●
3/8	18	14,50	70	21	12	9,0	●	●	●
1/2	14	17,75	80	27	16	12,0	●	●	●
3/4	14	23,00	100	27	20	16,0	●	●	●
1"	12	29,00	110	32	25	20,0	●	●	–
1 1/4	12	38,00	125	33	32	24,0	●	●	–
1 1/2	12	44,00	140	33	36	29,0	●	●	–
2"	12	56,00	160	33	45	35,0	●	–	–

Alesatore conico per preforo NPT/NPTF vedi pag. 835 | Taper pin reamer for NPT/NPTF thread on the page 835

NPT/NPTF - ILIX NORM

Maschi a macchina, conicità 1:16, angolo di filettatura 60° similare DIN 371
Machine taps, taper 1:16, included angle 60° similar to DIN 371

NPT	NPTF	ILIX NORM	
ASME B1.20.1	ANSI B1.20.3	DIN	P. 632→



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	HD	HD	HD	AZ	AZ 35°	AZ 35°
RIVESTIMENTO | COATING	–	TiN	–	–	–	TiN
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°	0°	35°	35°
DIREZIONE TAGLIO | CUTTING DIRECTION						
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–	–	–	–	–
TOLLERANZA | TOLERANCE	–	–	–	–	–	–
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3
TIPO DI FORO | HOLE TYPE						

GRUPPO MATERIALI / MATERIAL GROUPS

P | **Acciai** | Steels	P	P	P	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	–	–	–	M	M	M
K | **Ghise** | Cast Irons	K	K	K	–	–	–
N | **Metalli non ferrosi** | Non-ferrous metals	–	–	–	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–	–	–	–	–
H | **Acciai Temprati** | Hardened Steels	–	–	–	–	–	–

d_1	Filetti/1" Tpi		l_1	l_2	d_2 (h9)	a (h12)	6917	6917TN	6923	6919	6921	6921TN
1/16	27	6,3	90	13	8	6,2	●	●	●	●	●	●
1/8	27	8,5	90	13	10	8,0	●	●	●	●	●	●
1/4	18	11,1	100	20	14	11,0	●	●	●	●	●	●
3/8	18	15,0	110	20	14	11,0	–	–	–	–	–	–
1/2	14	18,0	140	25	16	12,0	–	–	–	–	–	–
3/4	14	23,0	150	26	20	16,0	–	–	–	–	–	–
1"	12	29,0	170	32	25	20,0	–	–	–	–	–	–
1 1/4	12	38,0	190	34	32	24,0	–	–	–	–	–	–
1 1/2	12	44,0	200	34	36	29,0	–	–	–	–	–	–

Alesatore conico per preforo NPT/NPTF vedi pag. 835 | Taper pin reamer for NPT/NPTF thread on the page 835

NPT/NPTF - ILIX NORM

ILIX PRECISION

Maschi a macchina, conicità 1:16, angolo di filettatura 60° similare DIN 371
Machine taps, taper 1:16, included angle 60° similar to DIN 371

HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	HSS-Co	**MATERIALE** | MATERIAL
AZ 35°	HD	HD	AZ	AZ 35°	AZ 35°	**TIPO** | TYPE
–	–	–	–	–	–	**RIVESTIMENTO** | COATING
35°	0°	0°	0°	35°	35°	**ANGOLO ELICA** | HELIX ANGLE
↻	↻	↻	↻	↻	↻	**DIREZIONE TAGLIO** | CUTTING DIRECTION
–	–	–	–	–	–	**LUBRIFICAZIONE INTERNA** | INTERNAL COOLANT
–	–	–	–	–	–	**TOLLERANZA** | TOLERANCE
C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	C/2,5-3	**FORMA D'IMBOCCO/FILETTI** | CHAMFER FORM/THREADS
						TIPO DI FORO | HOLE TYPE
P	P	P	P	P	P	**P** | **Acciai** | Steels
M	–	–	M	M	M	**M** | **Acciai Inossidabili** | Stainless Steels
–	K	K	–	–	–	**K** | **Ghise** | Cast Irons
N	–	–	N	N	N	**N** | **Metalli non ferrosi** | Non-ferrous metals
–	–	–	–	–	–	**S** | **Leghe resistenti al calore e Titanio** | HRSA and Titanium
–	–	–	–	–	–	**H** | **Acciai Temprati** | Hardened Steels

GRUPPO MATERIALI MATERIAL GROUPS

B 02

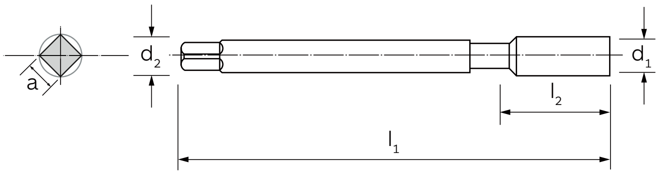
6925	6918	6924	6920	6922	6926	d_1	Filetti/1" Tpi		l_1	l_2
●	–	–	–	–	–	**1/16**	27	6,3	90	13
●	–	–	–	–	–	**1/8**	27	8,5	90	13
●	–	–	–	–	–	**1/4**	18	11,1	100	20
–	●	●	●	●	●	**3/8**	18	15,0	110	20
–	●	●	●	●	●	**1/2**	14	18,0	140	25
–	●	●	●	●	●	**3/4**	14	23,0	150	26
–	●	●	●	●	●	**1"**	12	29,0	170	32
–	●	●	●	●	●	**1 1/4**	12	38,0	190	34
–	●	●	●	–	●	**1 1/2**	12	44,0	200	34

Alesatore conico per preforo NPT/NPTF vedi pag. 835 | Taper pin reamer for NPT/NPTF thread on the page 835

PG - DIN 40432

Maschi per tubi di protezione di conduttori elettrici, angolo di filettatura 80° su macchine e utensili elettrici
Machine taps for steel conduit pipe thread, included angle 80° on machine and power tools

PG | **40432** DIN | P. 632→



MATERIALE | MATERIAL	HSS-Co	HSS-Co
TIPO | TYPE	N	Rapid
RIVESTIMENTO | COATING	-	-
ANGOLO ELICA | HELIX ANGLE	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-
TOLLERANZA | TOLERANCE	-	-
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3	B/4-5
TIPO DI FORO | HOLE TYPE		

GRUPPO MATERIALI MATERIAL GROUPS

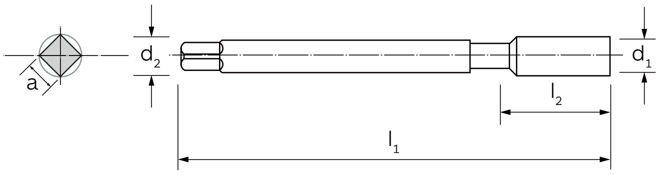
P | **Acciai** | Steels	P	P
M | **Acciai Inossidabili** | Stainless Steels	-	M
K | **Ghise** | Cast Irons	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-	-
H | **Acciai Temprati** | Hardened Steels	-	-

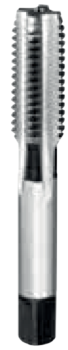
Misura Size	d_1	**Filetti/1"** Tpi		l_1	l_2	d_2 (h9)	**a** (h12)		**6915**	**6710**
7,0	12,5	20	11,50	70	22	9	7,0		●	●
9,0	15,2	18	14,00	70	22	12	9,0		●	●
11,0	18,6	18	17,25	80	22	14	11,0		●	●
13,5	20,4	18	19,00	80	22	16	12,0		●	●
16,0	22,5	18	21,25	80	22	18	14,5		●	●
21,0	28,3	16	27,00	90	22	22	18,0		●	●
29,0	37,0	16	35,50	100	25	28	22,0		●	●
36,0	47,0	16	45,50	140	40	36	29,0		●	●
42,0	54,0	16	52,50	140	40	40	32,0		●	●
48,0	59,3	16	58,00	160	40	45	35,0		●	●

PG - DIN 40433

Maschi per tubi di protezione di conduttori elettrici, angolo di filettatura 80° su macchine e utensili elettrici
Machine taps for steel conduit pipe thread, included angle 80° on machine and power tools

PG	40433	
	DIN	P. 636





MATERIALE | MATERIAL	HSS-Co
TIPO | TYPE	N
RIVESTIMENTO | COATING	–
ANGOLO ELICA | HELIX ANGLE	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–
TOLLERANZA | TOLERANCE	–
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	D/4-5
TIPO DI FORO | HOLE TYPE	

GRUPPO MATERIALI
MATERIAL GROUPS

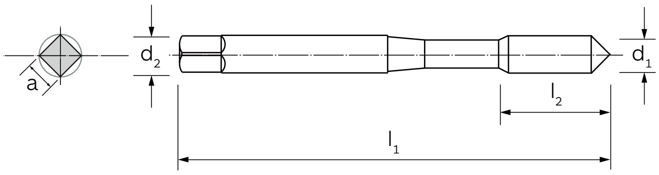
P | **Acciai** | Steels	P
M | **Acciai Inossidabili** | Stainless Steels	–
K | **Ghise** | Cast Irons	K
N | **Metalli non ferrosi** | Non-ferrous metals	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–
H | **Acciai Temprati** | Hardened Steels	–

Misura Size	d_1	**Filetti/1"** Tpi		l_1	l_2	d_2 (h9)	a (h12)	6914
7,0	12,5	20	11,50	100	20	9	7,0	●
9,0	15,2	18	14,00	100	20	12	9,0	●
11,0	18,6	18	17,25	110	22	14	11,0	●
13,5	20,4	18	19,00	125	22	16	12,0	●
16,0	22,5	18	21,25	125	25	18	14,5	●
21,0	28,3	16	27,00	150	28	22	18,0	●
29,0	37,0	16	35,50	170	28	28	22,0	●
36,0	47,0	16	45,50	190	32	36	29,0	●

EG (M) - DIN 8140 - Helicoil

Maschi a macchina per filetti riportati [Helicoil], similare DIN 371
Machine taps for wire thread inserts [Helicoil]), similar to DIN 371

EG (M) | **8140** DIN | P. 648



MATERIALE | MATERIAL	HSS-Co
TIPO | TYPE	N 40°
RIVESTIMENTO | COATING	-
ANGOLO ELICA | HELIX ANGLE	40°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-
TOLLERANZA | TOLERANCE	6H MOD.
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3
TIPO DI FORO | HOLE TYPE	

GRUPPO MATERIALI | MATERIAL GROUPS

P | **Acciai** | Steels	P
M | **Acciai Inossidabili** | Stainless Steels	-
K | **Ghise** | Cast Irons	K
N | **Metalli non ferrosi** | Non-ferrous metals	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-
H | **Acciai Temprati** | Hardened Steels	-

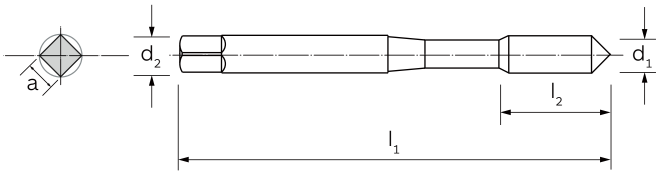
d_1	P	⌀	l_1	l_2	d_2 (h9)	a (h12)	6910
3	0,50	3,2	63	5	4,5	3,4	●
4	0,70	4,2	70	7	6,0	4,9	●
5	0,80	5,2	80	8	6,0	4,9	●
6	1,00	6,3	90	10	8,0	6,2	●
8	1,25	8,4	100	12	10,0	8,0	●

EG (M) - DIN 8140 - Helicoil

Maschi a macchina per filetti riportati [Helicoil], similare DIN 371
Machine taps for wire thread inserts [Helicoil]), similar to DIN 371

ILIX PRECISION

EG (M)	8140	
	DIN	P. 648



MATERIALE | MATERIAL	HSS-Co
TIPO | TYPE	N
RIVESTIMENTO | COATING	-
ANGOLO ELICA | HELIX ANGLE	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-
TOLLERANZA | TOLERANCE	6H MOD.
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	B/4-5
TIPO DI FORO | HOLE TYPE	

GRUPPO MATERIALI MATERIAL GROUPS

P | **Acciai** | Steels	P
M | **Acciai Inossidabili** | Stainless Steels	-
K | **Ghise** | Cast Irons	K
N | **Metalli non ferrosi** | Non-ferrous metals	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-
H | **Acciai Temprati** | Hardened Steels	-

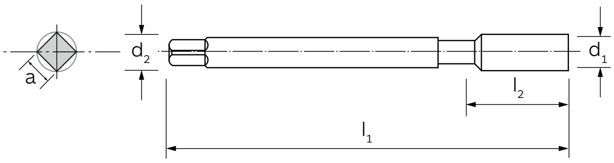
B 02

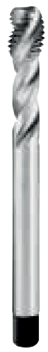
d_1	P		l_1	l_2	d_2 (h9)	a (h12)		6908
3	0,50	3,2	63	10	4,5	3,4		●
4	0,70	4,2	70	12	6,0	4,9		●
5	0,80	5,2	80	13	6,0	4,9		●
6	1,00	6,3	90	17	8,0	6,2		●
8	1,25	8,4	100	18	10,0	8,0		●

EG (M) 40° - DIN 8140 - Helicoil

Maschi a macchina per filetti riportati [Helicoil], similare DIN 376
Machine taps for wire thread inserts [Helicoil]), similar to DIN 376

EG (M) 40° | 8140 DIN | P. 648





MATERIALE | MATERIAL	HSS-Co
TIPO | TYPE	N 40°
RIVESTIMENTO | COATING	–
ANGOLO ELICA | HELIX ANGLE	40°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–
TOLLERANZA | TOLERANCE	6H MOD.
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	C/2,5-3
TIPO DI FORO | HOLE TYPE	

GRUPPO MATERIALI MATERIAL GROUPS

P | **Acciai** | Steels	P
M | **Acciai Inossidabili** | Stainless Steels	–
K | **Ghise** | Cast Irons	K
N | **Metalli non ferrosi** | Non-ferrous metals	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–
H | **Acciai Temprati** | Hardened Steels	–

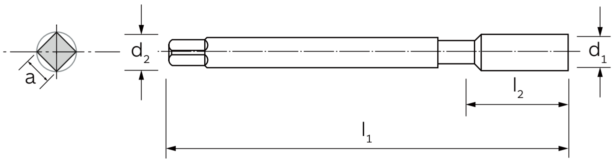
d_1	P		l_1	l_2	d_2 (h9)	a (h12)	6911
10	1,50	10,5	110	14	9	7	●
12	1,75	12,5	110	16	11	9	●
16	2,00	16,5	125	20	14	11	●

EG (M) - DIN 8140 - Helicoil

Maschi a macchina per filetti riportati [Helicoil], similare DIN 376
Machine taps for wire thread inserts [Helicoil]), similar to DIN 376

ILIX PRECISION

EG (M)	8140	
	DIN	P. 648



MATERIALE | MATERIAL	HSS-Co
TIPO | TYPE	N
RIVESTIMENTO | COATING	–
ANGOLO ELICA | HELIX ANGLE	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–
TOLLERANZA | TOLERANCE	6H MOD.
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	B/4-5
TIPO DI FORO | HOLE TYPE	

GRUPPO MATERIALI
MATERIAL GROUPS

P | **Acciai** | Steels	P
M | **Acciai Inossidabili** | Stainless Steels	–
K | **Ghise** | Cast Irons	K
N | **Metalli non ferrosi** | Non-ferrous metals	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–
H | **Acciai Temprati** | Hardened Steels	–

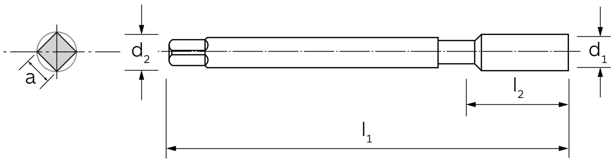
d_1	P	⌀	l_1	l_2	d_2 (h9)	a (h12)	6909
10	1,50	10,5	100	22	9	7	●
12	1,75	12,5	110	26	11	9	●
16	2,00	16,5	125	20	14	11	●

B
02

TR - DIN 103

Maschi a mano trapezoidali in serie di 3 pezzi composta da sbozzatore (P), intermedio (S), finitore (T)
Trapezoidal Hand taps, series in set of 3 pieces, consisting of taper (P), plug (S) and bottom (T)

TR	**103**
	DIN



MATERIALE | MATERIAL	HSS-Co	HSS-Co	HSS-Co
TIPO | TYPE	N	N	N
RIVESTIMENTO | COATING	-	-	-
ANGOLO ELICA | HELIX ANGLE	0°	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION	↻	↻	↻
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	-	-	-
TOLLERANZA | TOLERANCE	7H	7H	7H
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	A/5-6	D/3-4	C/2,5-3
TIPO DI FORO | HOLE TYPE			

GRUPPO MATERIALI | MATERIAL GROUPS

P | **Acciai** | Steels	P	P	P
M | **Acciai Inossidabili** | Stainless Steels	-	-	-
K | **Ghise** | Cast Irons	K	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	-	-	-
H | **Acciai Temprati** | Hardened Steels	-	-	-

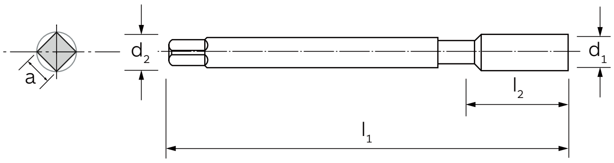
d_1	P	⌀	l_1	l_2	d_2 (h9)	a (h12)	6937P	6937S	6937T	6937 (Serie | Set)
10	2	8,20	110	70	7,1	5,6	●	-	●	●
12	3	9,25	160	102	8,0	6,3	●	-	●	●
14	3	11,25	160	102	9,0	7,1	●	-	●	●
16	4	12,25	220	136	11,2	9,0	●	-	●	●
18	4	14,25	220	136	12,5	10,0	●	-	●	●
20	4	16,25	220	136	14,0	11,2	●	■	●	●
22	5	17,25	275	166	16,0	12,5	●	-	●	●
24	5	19,25	275	166	16,0	12,5	●	-	●	●
26	5	21,25	290	170	18,0	14,0	●	-	●	●
28	5	23,25	290	170	18,0	14,0	●	-	●	●
30	6	24,25	345	200	22,4	18,0	●	-	●	●

■ **Fino ad esaurimento scorte** | Till stocks last

TR - DIN 103

Maschi a macchina trapezoidali | Trapezoidal machine taps

TR	103	
	DIN	P. 632→



	6938	6939
MATERIALE | MATERIAL	HSS-Co	HSS-Co
TIPO | TYPE	N	N SX
RIVESTIMENTO | COATING	–	–
ANGOLO ELICA | HELIX ANGLE	0°	0°
DIREZIONE TAGLIO | CUTTING DIRECTION		
LUBRIFICAZIONE INTERNA | INTERNAL COOLANT	–	–
TOLLERANZA | TOLERANCE	7H	7H
FORMA D'IMBOCCO/FILETTI | CHAMFER FORM/THREADS	2/3 x l_2	2/3 x l_2
TIPO DI FORO | HOLE TYPE		

GRUPPO MATERIALI MATERIAL GROUPS

	6938	6939
P | **Acciai** | Steels	P	P
M | **Acciai Inossidabili** | Stainless Steels	–	–
K | **Ghise** | Cast Irons	K	K
N | **Metalli non ferrosi** | Non-ferrous metals	N	N
S | **Leghe resistenti al calore e Titanio** | HRSA and Titanium	–	–
H | **Acciai Temprati** | Hardened Steels	–	–

d_1	P	Ø	l_1	l_2	d_2 (h9)	a (h12)	6938	6939
10	2	8,20	116	76	7,1	5,6	●	●
12	2	10,20	126	76	8,0	6,3	●	●
12	**3**	9,25	175	115	8,0	6,3	●	●
14	2	12,20	126	76	9,0	7,1	●	●
14	**3**	11,25	175	115	9,0	7,1	●	●
16	4	12,25	235	150	11,2	9,0	●	●
18	4	14,25	235	150	12,5	10,0	●	●
20	4	16,25	235	150	14,0	11,2	●	●
22	5	17,25	290	180	16,0	12,5	●	●
24	5	19,25	290	180	16,0	12,5	●	●
26	5	21,25	300	180	18,0	14,0	●	●
28	5	23,25	300	180	18,0	14,0	●	●
30	6	24,25	380	235	22,4	18,0	●	●
32	6	26,25	380	235	22,4	18,0	●	●
34	6	28,25	390	240	25,0	20,0	●	●
36	6	30,25	390	240	25,0	20,0	●	●

In fase di ordinazione specificare sempre il Ø (d_1) e il passo (P) | When ordering, please state Ø (d1) and pitch (P)

MASCHI TRADIZIONALI
TAPS

B
02

B.02.03

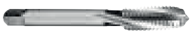
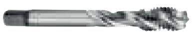
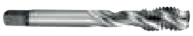
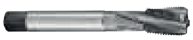
Parametri di taglio
Cutting data

Profondità di filettatura Threading depth		M	MF	UNC	UNF	Pg 8-UN	G (BSP)	Rp (BSPP)	Rc (BSPT)	BSW	NPT	NPTF
		Profili di filettatura | Threading profiles										

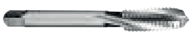
▸ **RAPID (Maschi a macchina corti** | Short machine taps)

≤**1.5** x**D**		6679	-	-	-	-	-	-	-	-	-	-

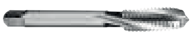
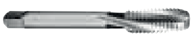
▸ **N (Maschi a macchina corti** | Short machine taps)

≤**1.5** x**D**		6678	6899	-	-	-	6858	-	-	-	-	-
		6659	6656	-	-	-	-	-	-	-	-	-
		6639	-	-	-	-	-	-	-	-	-	-
		6604	-	-	-	-	-	-	-	-	-	-
		66046G	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	6905	-	-	-	-	-

▸ **VA (Maschi a macchina corti** | Short machine taps)

≤**1.5** x**D**		-	-	-	-	-	6857	-	-	-	-	-

▸ **VA 15° (Maschi a macchina corti** | Short machine taps)

≤**1.5** x**D**		6648	-	-	-	-	-	-	-	-	-	-
		6612	-	-	-	-	6951	-	-	-	-	-

▸ **MS (Maschi a macchina corti** | Short machine taps)

≤**1.5** x**D**		6624	-	-	-	-	6913	-	-	-	-	-
		6724	-	-	-	-	-	-	-	-	-	-

▸ **AZ (Maschi a macchina corti** | Short machine taps)

≤**1.5** x**D**		6621	-	-	-	-	-	-	-	-	-	-
		6613	-	-	-	-	-	-	-	-	-	-

Acciaio debolmente legato Low-Alloyed Steel **<800 N/mm²** P1	**Acciaio mediamente legato** Medium-Alloyed Steel **700/1000 N/mm²** P2	**Acciaio fortemente legato** High-Alloyed Steel **1000/1300 N/mm²** P3	**Acciao inossidabile Martensitico/Ferritico** Stainless steel Martensitic/Ferritic M1	**Acciao inossidabile Austenitico** Stainless steel Austenitic M2	**Ghisa grigia** Grey cast iron K1	**Ghisa sferoidale** Nodular cast iron K2	**Alluminio e leghe di Alluminio** Aluminum and Aluminum alloys N1	**Materiali non ferrosi** Non ferrous materials N2	**Titanio e leghe di Titanio** Titanium and Titanium alloys S1	**HRSA Leghe resistenti al calore** Heat resistant alloys S2	**Acciai temprati** Hardened steels **38/48 HRC** H1	**Acciai temprati** Hardened steels **48/58 HRC** H2	**Acciai temprati** Hardened steels **58/68 HRC** H3

V_c: **velocità di taglio (m/min)** | cutting speed (m/min)

P1	P2	P3	M1	M2	K1	K2	N1	N2	S1	S2	H1	H2	H3
13	8	5	5	-	8	4	**13**	**8**	-	-	-	-	-
-	**9**	**5**	-	-	9	-	13	9	-	-	-	-	-
-	**9**	**5**	-	-	9	-	13	9	-	-	-	-	-
-	**9**	**5**	-	-	9	-	13	9	-	-	-	-	-
-	**9**	**5**	-	-	9	-	13	9	-	-	-	-	-
-	**9**	**5**	-	-	9	-	13	9	-	-	-	-	-
-	**9**	**5**	-	-	9	-	13	9	-	-	-	-	-
13	-	-	**5**	**4**	-	-	-	**9**	2	1	-	-	-
13	-	-	**5**	**4**	-	-	-	**9**	2	1	-	-	-
13	-	-	**5**	**4**	-	-	-	**9**	2	1	-	-	-
-	-	-	-	-	-	-	-	**9**	-	-	-	-	-
-	-	-	-	-	-	-	-	**9**	-	-	-	-	-
13	-	-	5	-	-	-	**13**	**9**	-	-	-	-	-
13	-	-	5	-	-	-	**13**	**9**	-	-	-	-	-

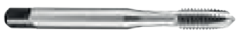
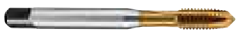
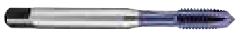
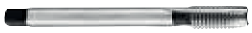
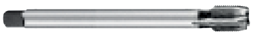
B 02

► **I parametri di taglio indicati in tabella sono da considerarsi validi in condizioni macchina/pezzo ottimali**
The cutting parameters shown in the table have to be considered valid in optimal machine/workpiece conditions

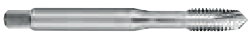
B 02

Profondità di filettatura Threading depth		**M**	**MF**	**UNC**	**UNF**	**Pg 8-UN**	**G** (BSP)	**Rp** (BSPP)	**Rc** (BSPT)	**BSW**	**NPT**	**NPTF**
		Profili di filettatura | Threading profiles										

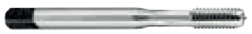
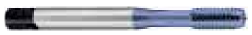
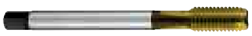
▸ **RAPID (Maschi a macchina** | Machine taps)

≤2.0 xD		6707 67076G 67074H 67077G	-	6690 66903B	6607 66073B	-	-	-	-	6697	-	-
		6707TN	-	6690TN	6607TN	-	-	-	-	-	-	-
		6707TC	-	-	-	-	-	-	-	-	-	-
		6707VP	-	-	-	-	-	-	-	-	-	-
		6711 67116G 67117G	6730	6693 66933B	6687 66873B	-	6704	6673	-	6636	-	-
		6711TN	6730TN	-	-	-	6704TN	-	-	-	-	-
		6711TC	6730TC	-	-	-	-	-	-	-	-	-
		6711VP	6730VP	-	-	-	6704VP	-	-	-	-	-
		-	-	-	-	6710	-	-	-	-	-	-

▸ **RAPID 2 (Maschi a macchina** | Machine taps)

≤2.0 xD		6640 66406G	-	-	-	-	-	-	-	-	-	-

▸ **N (Maschi a macchina** | Machine taps)

≤2.0 xD		6706	-	6823	6838	-	-	-	-	6699	-	-
		6706TN	-	-	-	-	-	-	-	-	-	-
		6706TC	-	-	-	-	-	-	-	-	-	-
		6705	6726	6824	6839	-	-	-	-	-	-	-
		6705TN	6726TN	-	-	-	-	-	-	-	-	-

Acciaio debolmente legato Low-Alloyed Steel **<800 N/mm²**	**Acciaio mediamente legato** Medium-Alloyed Steel **700/1000 N/mm²**	**Acciaio fortemente legato** High-Alloyed Steel **1000/1300 N/mm²**	**Acciao inossidabile Martensitico/Ferritico** Stainless steel Martensitic/Ferritic	**Acciao inossidabile Austenitico** Stainless steel Austenitic	**Ghisa grigia** Grey cast iron	**Ghisa sferoidale** Nodular cast iron	**Alluminio e leghe di Alluminio** Aluminum and Aluminum alloys	**Materiali non ferrosi** Non ferrous materials	**Titanio e leghe di Titanio** Titanium and Titanium alloys	**HRSA Leghe resistenti al calore** Heat resistant alloys	**Acciai temprati** Hardened steels **38/48 HRC**	**Acciai temprati** Hardened steels **48/58 HRC**	**Acciai temprati** Hardened steels **58/68 HRC**
P1	**P2**	**P3**	**M1**	**M2**	**K1**	**K2**	**N1**	**N2**	**S1**	**S2**	**H1**	**H2**	**H3**

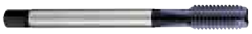
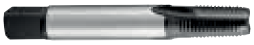
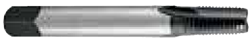
V_c: **velocità di taglio (m/min)** | cutting speed (m/min)

P1	P2	P3	M1	M2	K1	K2	N1	N2	S1	S2	H1	H2	H3
15	**10**	**6**	6	-	10	5	**15**	**10**	-	-	-	-	-
18	**13**	**8**	10	7	13	8	**20**	**15**	-	-	-	-	-
18	**13**	**8**	10	7	13	8	**20**	**15**	-	-	-	-	-
15	**10**	**6**	6	-	10	5	**15**	**10**	-	-	-	-	-
15	**10**	**6**	6	-	10	5	**15**	**10**	-	-	-	-	-
18	**13**	**8**	10	7	13	8	**20**	**15**	-	-	-	-	-
18	**13**	**8**	10	7	13	8	**20**	**15**	-	-	-	-	-
15	**10**	**6**	6	-	10	5	**15**	**10**	-	-	-	-	-
15	**10**	**6**	6	-	10	5	**15**	**10**	-	-	-	-	-
-	-	-	-	-	-	-	**15**	**13**	-	-	-	-	-
15	**10**	**6**	-	-	10	-	15	10	-	-	-	-	-
18	**13**	**8**	-	-	13	-	20	15	-	-	-	-	-
18	**13**	**8**	-	-	13	-	20	15	-	-	-	-	-
15	**10**	**6**	-	-	10	-	15	10	-	-	-	-	-
18	**13**	**8**	-	-	13	-	20	15	-	-	-	-	-

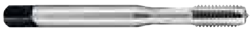
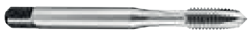
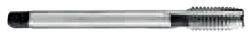
► **I parametri di taglio indicati in tabella sono da considerarsi validi in condizioni macchina/pezzo ottimali**
The cutting parameters shown in the table have to be considered valid in optimal machine/workpiece conditions

Profondità di filettatura Threading depth		**M**	**MF**	**UNC**	**UNF**	**Pg** **8-UN**	**G** (BSP)	**Rp** (BSPP)	**Rc** (BSPT)	**BSW**	**NPT**	**NPTF**
		Profili di filettatura | Threading profiles										

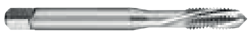
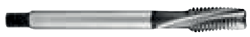
▸ **N (Maschi a macchina** | Machine taps)

≤**2.0** x**D**		6705TC	6726TC	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	6610	6611
		-	-	-	-	-	-	-	6790	-	-	-
		-	-	-	-	6915	-	-	-	-	-	-
		-	-	-	-	6914	-	-	-	-	-	-

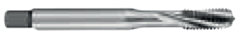
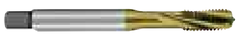
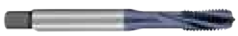
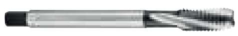
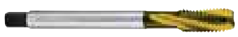
▸ **N SX (Maschi a macchina** | Machine taps)

≤**2.0** x**D**		6712	-	-	-	-	-	-	-	-	-	-
		6859	-	-	-	-	-	-	-	-	-	-
		6715	-	-	-	-	-	-	-	-	-	-
		6860	6863	-	-	-	-	-	-	-	-	-

▸ **NL 15° (Maschi a macchina** | Machine taps)

≤**1.5** x**D**		6727	-	-	-	-	-	-	-	-	-	-
		6740	6741	-	-	-	-	-	-	-	-	-

▸ **N 15° (Maschi a macchina** | Machine taps)

≤**1.5** x**D**		6657 66576G 6902	-	6696	6719	-	-	-	-	-	-	-
		6657TN	-	-	-	-	-	-	-	-	-	-
		6657TC	-	-	-	-	-	-	-	-	-	-
		6658	6664	6728	6729	-	6665	6675	-	-	-	-
		6658TN	6664TN	-	-	-	-	-	-	-	-	-
		6658TC	6664TC	-	-	-	-	-	-	-	-	-
		-	6904	-	-	-	-	-	-	-	-	-

Acciaio debolmente legato Low-Alloyed Steel <800 N/mm²	Acciaio mediamente legato Medium-Alloyed Steel 700/1000 N/mm²	Acciaio fortemente legato High-Alloyed Steel 1000/1300 N/mm²	Acciaio inossidabile Martensitico/Ferritico Stainless steel Martensitic/Ferritic	Acciaio inossidabile Austenitico Stainless steel Austenitic	Ghisa grigia Grey cast iron	Ghisa sferoidale Nodular cast iron	Alluminio e leghe di Alluminio Aluminum and Aluminum alloys	Materiali non ferrosi Non ferrous materials	Titanio e leghe di Titanio Titanium and Titanium alloys	HRSA Leghe resistenti al calore Heat resistant alloys	Acciai temprati Hardened steels 38/48 HRC	Acciai temprati Hardened steels 48/58 HRC	Acciai temprati Hardened steels 58/68 HRC
P1	P2	P3	M1	M2	K1	K2	N1	N2	S1	S2	H1	H2	H3

V_c: velocità di taglio (m/min) | cutting speed (m/min)

P1	P2	P3	M1	M2	K1	K2	N1	N2	S1	S2	H1	H2	H3
18	**13**	**8**	-	-	13	-	20	15	-	-	-	-	-
15	**10**	**6**	-	-	10	-	15	10	-	-	-	-	-
15	**10**	**6**	-	-	10	-	15	10	-	-	-	-	-
15	**10**	**6**	-	-	10	-	15	10	-	-	-	-	-
15	**10**	**6**	-	-	10	-	15	10	-	-	-	-	-
15	**10**	**6**	-	-	10	-	15	10	-	-	-	-	-
15	**10**	**6**	-	-	10	-	15	10	-	-	-	-	-
15	**10**	**6**	-	-	10	-	15	10	-				
15	**10**	**6**	-	-	10	-	15	10	-	-	-	-	-
15	**10**	**6**	-	-	**10**	**5**	-	-	-	-	-	-	-
15	**10**	**6**	-	-	**10**	**5**	-	-	-	-	-	-	-
15	**10**	**6**	-	-	10	5	**15**	**10**	-	-	-	-	-
18	**13**	**8**	8	5	13	8	**20**	**15**	-	-	-	-	-
18	**13**	**8**	8	5	13	8	**20**	**15**	-	-	-	-	-
15	**10**	**6**	-	-	10	5	**15**	**10**	-	-	-	-	-
18	**13**	**8**	8	5	13	8	**20**	**15**	-	-	-	-	-
18	**13**	**8**	8	5	13	8	**20**	**15**	-	-	-	-	-
15	**10**	**6**	-	-	10	5	**15**	**10**	-				

B
02

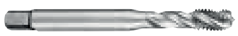
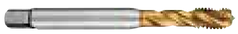
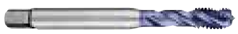
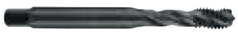
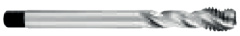
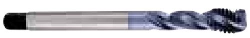
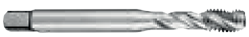
► **I parametri di taglio indicati in tabella sono da considerarsi validi in condizioni macchina/pezzo ottimali**
The cutting parameters shown in the table have to be considered valid in optimal machine/workpiece conditions

Profondità di filettatura Threading depth		M	MF	UNC	UNF	Pg 8-UN	G (BSP)	Rp (BSPP)	Rc (BSPT)	BSW	NPT	NPTF
		Profili di filettatura | Threading profiles										

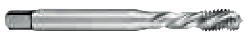
▸ **N 15° (Maschi a macchina** | Machine taps)

≤1.5 xD		6658TC	6664TC	-	-	-	-	-	-	-	-	-
		-	6904	-	-	-	-	-	-	-	-	-

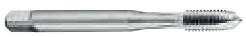
▸ **N 40° (Maschi a macchina** | Machine taps)

≤2.5 xD		6644 66446G 66447G	-	6691 66913B	6680 66803B	-	-	-	-	6836	-	-
		6644TN	-	6691TN	6680TN	-	-	-	-	-	-	-
		6644TC	-	-	-	-	-	-	-	-	-	-
		6644VP	-	-	-	-	-	-	-	-	-	-
≤2.5 xD		6638 66386G 66387G	6652	6694 66943B	6688 66883B	-	6703	-	-	6837	-	-
		6638TN	6652TN	-	-	-	6703TN	-	-	-	-	-
		6638TC	6652TC	-	-	-	6703VP	-	-	-	-	-
		6638VP	6652VP	-	-	-	-	-	-	-	-	-
		6867	-	-	-	-	-	-	-	-	-	-
		6868	6877	-	-	-	-	-	-	-	-	-

▸ **N SX 40° (Maschi a macchina** | Machine taps)

≤2.5 xD		6861	-	-	-	-	-	-	-	-	-	-
		6862	6864	-	-	-	-	-	-	-	-	-

▸ **VA (Maschi a macchina** | Machine taps)

≤2.0 xD		6646 66466G	-	6739	6718	-	-	-	-	-	-	-
		6647 66476G	6663 66636G	6749	6797	-	6700	-	-	-	-	-

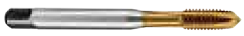
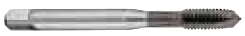
Acciaio debolmente legato Low-Alloyed Steel <800 N/mm² P1	Acciaio mediamente legato Medium-Alloyed Steel 700/1000 N/mm² P2	Acciaio fortemente legato High-Alloyed Steel 1000/1300 N/mm² P3	Acciao inossidabile Martensitico/Ferritico Stainless steel Martensitic/Ferritic M1	Acciao inossidabile Austenitico Stainless steel Austenitic M2	Ghisa grigia Grey cast iron K1	Ghisa sferoidale Nodular cast iron K2	Alluminio e leghe di Alluminio Aluminum and Aluminum alloys N1	Materiali non ferrosi Non ferrous materials N2	Titanio e leghe di Titanio Titanium and Titanium alloys S1	HRSA Leghe resistenti al calore Heat resistant alloys S2	Acciai temprati Hardened steels 38/48 HRC H1	Acciai temprati Hardened steels 48/58 HRC H2	Acciai temprati Hardened steels 58/68 HRC H3
V_c: velocità di taglio (m/min) | cutting speed (m/min)													
18	**13**	**8**	8	5	13	8	**20**	**15**	-	-	-	-	-
15	**10**	**6**	-	-	10	5	**15**	**10**	-				
15	**10**	**6**	-	-	10	5	**15**	**10**	-	-	-	-	-
18	**13**	**8**	8	5	13	8	**20**	**15**	-	-	-	-	-
18	**13**	**8**	8	5	13	8	**20**	**15**	-	-	-	-	-
15	**10**	**6**	-	-	10	5	**15**	**10**	-	-	-	-	-
15	**10**	**6**	-	-	10	5	**15**	**10**	-	-	-	-	-
18	**13**	**8**	8	5	13	8	**20**	**15**	-	-	-	-	-
18	**13**	**8**	8	5	13	8	**20**	**15**	-	-	-	-	-
15	**10**	**6**	-	-	10	5	**15**	**10**	-	-	-	-	-
15	**10**	**6**	-	-	10	5	**15**	**10**	-	-	-	-	-
15	**10**	**6**	-	-	10	5	**15**	**10**	-	-	-	-	-
15	**10**	**6**	-	-	10	5	**15**	**10**	-	-	-	-	-
15	**10**	**6**	-	-	10	5	**15**	**10**	-	-	-	-	-
15	-	-	**6**	**5**	-	-	-	**10**	3	2	-	-	-
15	-	-	**6**	**5**	-	-	-	**10**	3	2	-	-	-

B
02

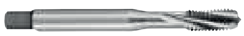
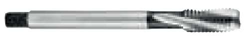
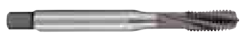
► **I parametri di taglio indicati in tabella sono da considerarsi validi in condizioni macchina/pezzo ottimali**
The cutting parameters shown in the table have to be considered valid in optimal machine/workpiece conditions

Profondità di filettatura Threading depth		**M**	**MF**	**UNC**	**UNF**	**Pg 8-UN**	**G** (BSP)	**Rp** (BSPP)	**Rc** (BSPT)	**BSW**	**NPT**	**NPTF**
		Profili di filettatura | Threading profiles										

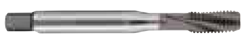
▸ **VA (Maschi a macchina** | Machine taps)

≤**2.0** x**D**		6646TN	-	-	-	-	-	-	-	-	-	-
		-	6663TN	-	-	-	-	-	-	-	-	-
		6646XP	-	6739XP	-	-	-	-	-	-	-	-
		6647XP	6663XP	-	-	-	6700XP	-	-	-	-	-
		6646VP	-	6739VP	6718VP	-	-	-	-	-	-	-
		6647VP	6663VP	6749VP	-	-	6700VP	-	-	-	-	-

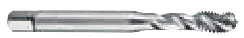
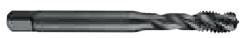
▸ **VA 15° (Maschi a macchina** | Machine taps)

≤**1.5** x**D**		6654	-	-	-	-	-	-	-	-	-	-
		-	6671	-	-	-	6716	-	-	-	-	-
		6654XP	-	-	-	-	-	-	-	-	-	-
		6654VP	-	-	-	-	-	-	-	-	-	-
		6634VP										

▸ **VA i 15° (Maschi a macchina** | Machine taps)

≤**2.5** x**D**		6620XP	-	-	-	-	-	-	-	-	-	-
		6605XP	6626XP	-	-	-	-	-	-	-	-	-

▸ **VA 35° (Maschi a macchina** | Machine taps)

≤**2.0** x**D**		-	6655 66556G	6754	6796	-	6701	-	-	-	-	-
		-	-	6735	6794	-	-	-	-	-	-	-
		-	6655XP	-	-	-	6701XP	-	-	-	-	-
		-	6655VP	6754VP	-	6945VP	6701VP	-	-	-	-	-
		-	-	6735VP	6794VP	-	-	-	-	-	-	-
		6654VP	-	-	-	-	-	-	-	-	-	-

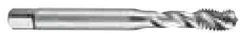
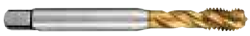
Acciaio debolmente legato Low-Alloyed Steel **<800 N/mm^2**	**Acciaio mediamente legato** Medium-Alloyed Steel **700/1000 N/mm^2**	**Acciaio fortemente legato** High-Alloyed Steel **1000/1300 N/mm^2**	**Acciao inossidabile Martensitico/Ferritico** Stainless steel Martensitic/Ferritic	**Acciao inossidabile Austenitico** Stainless steel Austenitic	**Ghisa grigia** Grey cast iron	**Ghisa sferoidale** Nodular cast iron	**Alluminio e leghe di Alluminio** Aluminum and Aluminum alloys	**Materiali non ferrosi** Non ferrous materials	**Titanio e leghe di Titanio** Titanium and Titanium alloys	**HRSA Leghe resistenti al calore** Heat resistant alloys	**Acciai temprati** Hardened steels **38/48 HRC**	**Acciai temprati** Hardened steels **48/58 HRC**	**Acciai temprati** Hardened steels **58/68 HRC**
P1	**P2**	**P3**	**M1**	**M2**	**K1**	**K2**	**N1**	**N2**	**S1**	**S2**	**H1**	**H2**	**H3**
V_c: **velocità di taglio (m/min)** | cutting speed (m/min)													
18	-	-	**10**	**7**	-	-	-	**15**	5	4	-	-	-
18	-	-	**10**	**7**	-	-	-	**15**	5	4	-	-	-
18	-	-	**10**	**7**	-	-	-	**15**	5	4	-	-	-
18	-	-	**10**	**7**	-	-	-	**15**	5	4	-	-	-
15	-	-	**6**	**5**	-	-	-	**10**	3	2	-	-	-
15	-	-	**6**	**5**	-	-	-	**10**	3	2	-	-	-
13	-	-	**10**	**8**	-	-	-	**11**	3	2	-	-	-
13	-	-	**10**	**8**	-	-	-	**11**	3	2	-	-	-
15	-	-	**12**	**10**	-	-	-	**13**	5	4	-	-	-
13	-	-	**10**	**8**	-	-	-	**11**	3	2	-	-	-
15	-	-	**12**	**10**	-	-	-	**13**	5	4	-	-	-
17	15	-	**15**	**10**	-	-	-	**15**	6	5	-	-	-
17	15	-	**15**	**10**	-	-	-	**15**	6	5	-	-	-
13	-	-	10	8	-	-	-	**11**	3	2	-	-	-
13	-	-	10	8	-	-	-	**11**	3	2	-	-	-
15	-	-	12	8	-	-	-	**13**	5	4	-	-	-
13	-	-	10	8	-	-	-	**11**	3	2	-	-	-
13	-	-	10	8	-	-	-	**11**	3	2	-	-	-
13	-	-	10	8	-	-	-	**11**	3	2	-	-	-

B 02

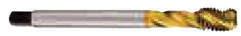
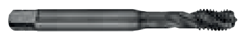
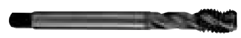
► **I parametri di taglio indicati in tabella sono da considerarsi validi in condizioni macchina/pezzo ottimali**
The cutting parameters shown in the table have to be considered valid in optimal machine/workpiece conditions

Profondità di filettatura Threading depth		M	MF	UNC	UNF	Pg 8-UN	G (BSP)	Rp (BSPP)	Rc (BSPT)	BSW	NPT	NPTF
		Profili di filettatura | Threading profiles										

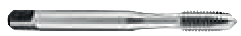
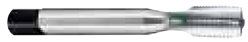
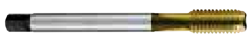
▸ VR 35° (**Maschi a macchina** | Machine taps)

≤2.0 xD		6661 66616G	-	-	-	-	-	-	-	-	-	-
		6662 66626G	-	-	-	-	-	-	-	-	-	-
		6661TN	-	-	-	-	-	-	-	-	-	-
		6661XP	-	-	-	-	-	-	-	-	-	-
		6662XP	-	-	-	-	-	-	-	-	-	-
		6662VP	-	-	-	-	-	-	-	-	-	-
		6661VP	-	-	-	-	-	-	-	-	-	-

▸ VR 50° (**Maschi a macchina** | Machine taps)

≤3.0 xD		6850TN	-	-	-	-	-	-	-	-	-	-
		6851TN	-	-	-	-	-	-	-	-	-	-
		6850VP	-	6852VP	6854VP	-	-	-	-	-	-	-
		6851VP	-	6853VP	6855VP	-	6856VP	-	-	-	-	-

▸ HD (**Maschi a macchina** | Machine taps)

≤2.0 xD		6870	-	6873	6875	-	-	-	-	-	-	-
		6871	6872	6874	6876	-	6912	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	6917	6923
		-	-	-	-	-	-	-	-	-	6918	6924
		6870TF	6872TF	-	-	-	-	-	-	-	-	-
		6871TF	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	6912TN	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	6917TN	-

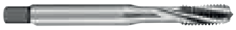
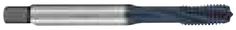
V_c: velocità di taglio (m/min) | cutting speed (m/min)

Acciaio debolmente legato Low-Alloyed Steel **<800 N/mm^2** **P1**	**Acciaio mediamente legato** Medium-Alloyed Steel **700/1000 N/mm^2** **P2**	**Acciaio fortemente legato** High-Alloyed Steel **1000/1300 N/mm^2** **P3**	**Acciaio inossidabile Martensitico/Ferritico** Stainless steel Martensitic/Ferritic **M1**	**Acciaio inossidabile Austenitico** Stainless steel Austenitic **M2**	**Ghisa grigia** Grey cast iron **K1**	**Ghisa sferoidale** Nodular cast iron **K2**	**Alluminio e leghe di Alluminio** Aluminum and Aluminum alloys **N1**	**Materiali non ferrosi** Non ferrous materials **N2**	**Titanio e leghe di Titanio** Titanium and Titanium alloys **S1**	**HRSA Leghe resistenti al calore** Heat resistant alloys **S2**	**Acciai temprati** Hardened steels **38/48 HRC** **H1**	**Acciai temprati** Hardened steels **48/58 HRC** **H2**	**Acciai temprati** Hardened steels **58/68 HRC** **H3**
13	-	-	**10**	**8**	-	-	-	-	-	-	-	-	-
13	-	-	**10**	**8**	-	-	-	-	-	-	-	-	-
15	-	-	**12**	**8**	-	-	-	-	-	-	-	-	-
15	-	-	**12**	**8**	-	-	-	-	-	-	-	-	-
15	-	-	**12**	**8**	-	-	-	-	-	-	-	-	-
13	-	-	**10**	**8**	-	-	-	-	-	-	-	-	-
13	-	-	**10**	**8**	-	-	-	-	-	-	-	-	-
13	-	-	**10**	**8**	-	-	-	-	-	-	-	-	-
13	-	-	**10**	**8**	-	-	-	-	-	-	-	-	-
15	-	-	**12**	**10**	-	-	-	-	-	-	-	-	-
15	-	-	**12**	**10**	-	-	-	-	-	-	-	-	-
15	**10**	**6**	-	-	-	10	-	-	-	-	-	-	-
15	**10**	**6**	-	-	-	10	-	-	-	-	-	-	-
15	**10**	**6**	-	-	-	10	-	-	-	-	-	-	-
15	**10**	**6**	-	-	-	10	-	-	-	-	-	-	-
18	**13**	**8**	-	-	-	10	-	-	-	-	-	-	-
18	**13**	**8**	-	-	-	10	-	-	-	-	-	-	-
18	**13**	**8**	-	-	-	10	-	-	-	-	-	-	-
18	**13**	**8**	-	-	-	10	-	-	-	-	-	-	-

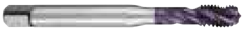
► **I parametri di taglio indicati in tabella sono da considerarsi validi in condizioni macchina/pezzo ottimali**
The cutting parameters shown in the table have to be considered valid in optimal machine/workpiece conditions

Profondità di filettatura Threading depth		**M**	**MF**	**UNC**	**UNF**	**Pg 8-UN**	**G** (BSP)	**Rp** (BSPP)	**Rc** (BSPT)	**BSW**	**NPT**	**NPTF**
		Profili di filettatura | Threading profiles										

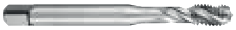
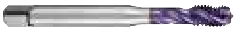
▸ **HD 15° (Maschi a macchina** | Machine taps)

≤**1.5** x**D**		6878	-	6865	6848	-	-	-	-	-	-	-
		6879	6880	6866	6849	-	-	-	-	-	-	-
		6878HL	-	-	-	-	-	-	-	-	-	-
		6879HL	6880HL	-	-	-	-	-	-	-	-	-

▸ **HD 40° (Maschi a macchina** | Machine taps)

≤**2.5** x**D**		6666 66666G 66664H	-	-	-	-	-	-	-	-	-	-
		6667	-	-	-	-	-	-	-	-	-	-
		6666TF	-	-	-	-	-	-	-	-	-	-
		6667TF	-	-	-	-	-	-	-	-	-	-
		6667TN	-	-	-	-	-	-	-	-	-	-

▸ **HR 40° (Maschi a macchina** | Machine taps)

≤**2.5** x**D**		6681	-	-	-	-	-	-	-	-	-	-
		6689	-	-	-	-	-	-	-	-	-	-
		6681TF	-	-	-	-	-	-	-	-	-	-
		6689TF	-	-	-	-	-	-	-	-	-	-

▸ **GG (Maschi a macchina** | Machine taps)

≤**2.5** x**D**		6631TF	-	-	-	-	-	-	-	-	-	-
		6632TF	-	-	-	-	6708TF	-	-	-	-	-
		6631	-	-	-	-	-	-	-	-	-	-
		6632	6653	-	-	-	6708	6674	-	-	-	-

B 02

Acciaio debolmente legato Low-Alloyed Steel **<800 N/mm²**	**Acciaio mediamente legato** Medium-Alloyed Steel **700/1000 N/mm²**	**Acciaio fortemente legato** High-Alloyed Steel **1000/1300 N/mm²**	**Acciaio inossidabile Martensitico/Ferritico** Stainless steel Martensitic/Ferritic	**Acciao inossidabile Austenitico** Stainless steel Austenitic	**Ghisa grigia** Grey cast iron	**Ghisa sferoidale** Nodular cast iron	**Alluminio e leghe di Alluminio** Aluminum and Aluminum alloys	**Materiali non ferrosi** Non ferrous materials	**Titanio e leghe di Titanio** Titanium and Titanium alloys	**HRSA Leghe resistenti al calore** Heat resistant alloys	**Acciai temprati** Hardened steels **38/48 HRC**	**Acciai temprati** Hardened steels **48/58 HRC**	**Acciai temprati** Hardened steels **58/68 HRC**
P1	**P2**	**P3**	**M1**	**M2**	**K1**	**K2**	**N1**	**N2**	**S1**	**S2**	**H1**	**H2**	**H3**

V_c: velocità di taglio (m/min) | cutting speed (m/min)

P1	P2	P3	M1	M2	K1	K2	N1	N2	S1	S2	H1	H2	H3
13	**10**	**6**	-	-	-	10	-	-	-	-	-	-	-
13	**10**	**6**	-	-	-	10	-	-	-	-	-	-	-
15	**12**	**8**	-	-	-	10	-	-	-	-	-	-	-
15	**12**	**8**	-	-	-	10	-	-	-	-	-	-	-

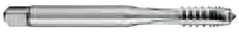
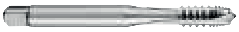
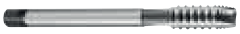
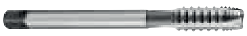
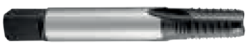
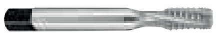
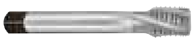
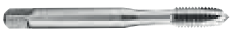
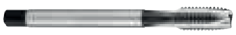
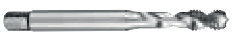
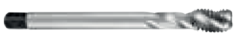
P1	P2	P3	M1	M2	K1	K2	N1	N2	S1	S2	H1	H2	H3
13	**10**	**6**	-	-	-	10	-	-	-	-	-	-	-
13	**10**	**6**	-	-	-	10	-	-	-	-	-	-	-
15	**12**	**8**	-	-	-	10	-	-	-	-	-	-	-
15	**12**	**8**	-	-	-	10	-	-	-	-	-	-	-
15	**12**	**8**	-	-	-	10	-	-	-	-	-	-	-

P1	P2	P3	M1	M2	K1	K2	N1	N2	S1	S2	H1	H2	H3
13	**10**	**8**	-	-	-	-	-	-	-	-	-	-	-
13	**10**	**8**	-	-	-	-	-	-	-	-	-	-	-
15	**12**	**10**	-	-	-	-	-	-	-	-	-	-	-
15	**12**	**10**	-	-	-	-	-	-	-	-	-	-	-

P1	P2	P3	M1	M2	K1	K2	N1	N2	S1	S2	H1	H2	H3
-	-	-	-	-	**30**	**25**	25	-	-	-	-	-	-
-	-	-	-	-	**30**	**25**	25	-	-	-	-	-	-
-	-	-	-	-	**25**	**20**	25	-	-	-	-	-	-
-	-	-	-	-	**25**	**20**	25	-	-	-	-	-	-

B 02

I parametri di taglio indicati in tabella sono da considerarsi validi in condizioni macchina/pezzo ottimali
The cutting parameters shown in the table have to be considered valid in optimal machine/workpiece conditions

Profondità di filettatura Threading depth		**M**	**MF**	**UNC**	**UNF**	**Pg** **8-UN**	**G** (BSP)	**Rp** (BSPP)	**Rc** (BSPT)	**BSW**	**NPT**	**NPTF**
		Profili di filettatura | Threading profiles										
▸ **MULTI GG I (Maschi a macchina** | Machine taps)												
≤2.5 xD		6629TC	-	-	-	-	-	-	-	-	-	-
		6637TC	-	-	-	-	-	-	-	-	-	-
		6637	-	-	-	-	-	-	-	-	-	-
		6629	-	-	-	-	-	-	-	-	-	-
▸ **AZ (Maschi a macchina** | Machine taps)												
≤2.5 xD		6820	-	-	-	-	-	-	-	-	-	-
		6616	-	-	-	-	-	-	-	-	-	-
		6821	-	-	-	-	-	-	-	-	6919	6920
		6617	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	6916	-
▸ **AZ 35° (Maschi a macchina** | Machine taps)												
≤2.5 xD		-	-	-	-	-	-	-	-	-	6921	6925
		-	-	-	-	-	-	-	-	-	6922	6926
		-	-	-	-	-	-	-	-	-	6921TN	-
▸ **ALU (Maschi a macchina** | Machine taps)												
≤2.5 xD		6641	-	-	-	-	-	-	-	-	-	-
		6642	-	-	-	-	-	-	-	-	-	-
▸ **ALU 45° (Maschi a macchina** | Machine taps)												
≤2.5 xD		6643	-	6732	6628	-	-	-	-	-	-	-
		6651	6731	6733	6734	-	-	-	-	-	-	-
▸ **BAK (Maschi a macchina** | Machine taps)												
≤2.5 xD		6670	-	-	-	-	-	-	-	-	-	-

B 02

Acciaio debolmente legato Low-Alloyed Steel **<800 N/mm²**	**Acciaio mediamente legato** Medium-Alloyed Steel **700/1000 N/mm²**	**Acciaio fortemente legato** High-Alloyed Steel **1000/1300 N/mm²**	**Acciaio inossidabile Martensitico/Ferritico** Stainless steel Martensitic/Ferritic	**Acciao inossidabile Austenitico** Stainless steel Austenitic	**Ghisa grigia** Grey cast iron	**Ghisa sferoidale** Nodular cast iron	**Alluminio e leghe di Alluminio** Aluminum and Aluminum alloys	**Materiali non ferrosi** Non ferrous materials	**Titanio e leghe di Titanio** Titanium and Titanium alloys	**HRSA Leghe resistenti al calore** Heat resistant alloys	**Acciai temprati** Hardened steels **38/48 HRC**	**Acciai temprati** Hardened steels **48/58 HRC**	**Acciai temprati** Hardened steels **58/68 HRC**
P1	**P2**	**P3**	**M1**	**M2**	**K1**	**K2**	**N1**	**N2**	**S1**	**S2**	**H1**	**H2**	**H3**

V_c: velocità di taglio (m/min) | cutting speed (m/min)

-	-	-	-	-	**35**	**30**	30	-	-	-	-	-	-
-	-	-	-	-	**35**	**30**	30	-	-	-	-	-	-
-	-	-	-	-	**32**	**27**	30	-	-	-	-	-	-
-	-	-	-	-	**32**	**27**	30	-	-	-	-	-	-
15	-	-	6	-	-	-	**15**	**10**	-	-	-	-	-
15	-	-	6	-	-	-	**15**	**10**	-	-	-	-	-
15	-	-	6	-	-	-	**15**	**10**	-	-	-	-	-
15	-	-	6	-	-	-	**15**	**10**	-	-	-	-	-
15	-	-	6	-	-	-	**15**	**10**	-	-	-	-	-
15	-	-	6	-	-	-	**15**	**10**	-	-	-	-	-
15	-	-	6	-	-	-	**15**	**10**	-	-	-	-	-
18	-	-	10	-	-	-	**20**	**15**	-	-	-	-	-
-	-	-	-	-	-	-	**25**	**15**	-	-	-	-	-
-	-	-	-	-	-	-	**25**	**15**	-	-	-	-	-
-	-	-	-	-	-	-	**25**	**15**	-	-	-	-	-
-	-	-	-	-	-	-	**25**	**15**	-	-	-	-	-
-	-	-	-	-	-	-	-	**15**	-	-	-	-	-

B
02

▶ **I parametri di taglio indicati in tabella sono da considerarsi validi in condizioni macchina/pezzo ottimali**
The cutting parameters shown in the table have to be considered valid in optimal machine/workpiece conditions

B 02

Profondità di filettatura Threading depth		M	MF	UNC	UNF	Pg 8-UN	G (BSP)	Rp (BSPP)	Rc (BSPT)	BSW	NPT	NPTF
		Profili di filettatura | Threading profiles										

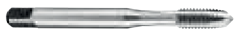
▶ **ULTRA (Maschi a macchina** | Machine taps)

Profondità di filettatura Threading depth		M	MF	UNC	UNF	Pg 8-UN	G (BSP)	Rp (BSPP)	Rc (BSPT)	BSW	NPT	NPTF
≤1.0 xD		6606 66066G	-	-	-	-	-	-	-	-	-	-
		-	-	6737	-	-	-	-	-	-	-	-

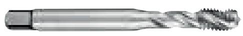
▶ **ULTRA S (Maschi a macchina** | Machine taps)

Profondità di filettatura Threading depth		M	MF	UNC	UNF	Pg 8-UN	G (BSP)	Rp (BSPP)	Rc (BSPT)	BSW	NPT	NPTF
≤1.5 xD		6649 66496G	-	-	-	-	-	-	-	-	-	-
		6649TN	-	-	-	-	-	-	-	-	-	-

▶ **EG (M) (Maschi a macchina per filetti riportati [Helicoil]** | Machine taps for wire thread inserts [Helicoil])

Profondità di filettatura Threading depth		M	MF	UNC	UNF	Pg 8-UN	G (BSP)	Rp (BSPP)	Rc (BSPT)	BSW	NPT	NPTF
≤2.0 xD		6908	-	-	-	-	-	-	-	-	-	-
		6909	-	-	-	-	-	-	-	-	-	-

▶ **EG (M) 40° (Maschi a macchina per filetti riportati [Helicoil]** | Machine taps for wire thread inserts [Helicoil])

Profondità di filettatura Threading depth		M	MF	UNC	UNF	Pg 8-UN	G (BSP)	Rp (BSPP)	Rc (BSPT)	BSW	NPT	NPTF
≤2.0 xD		6910	-	-	-	-	-	-	-	-	-	-
		6911	-	-	-	-	-	-	-	-	-	-

▶ **N (Maschi a macchina con gambo lungo** | Machine taps with long shank)

Profondità di filettatura Threading depth		M	MF	UNC	UNF	Pg 8-UN	G (BSP)	Rp (BSPP)	Rc (BSPT)	BSW	NPT	NPTF
≤3.0 xD		6672	-	-	-	-	-	-	-	-	-	-

▶ **N (Maschi a macchina con gambo extra lungo** | Machine taps with extra long shank)

Profondità di filettatura Threading depth		M	MF	UNC	UNF	Pg 8-UN	G (BSP)	Rp (BSPP)	Rc (BSPT)	BSW	NPT	NPTF
≤3.0 xD		6692	-	-	-	-	-	-	-	-	-	-
		6695	-	-	-	-	-	-	-	-	-	-

▶ **N 30° (Maschi a macchina con gambo extra lungo** | Machine taps with extra long shank)

Profondità di filettatura Threading depth		M	MF	UNC	UNF	Pg 8-UN	G (BSP)	Rp (BSPP)	Rc (BSPT)	BSW	NPT	NPTF
≤3.0 xD		6840	-	-	-	-	-	-	-	-	-	-
		6841	-	-	-	-	-	-	-	-	-	-

▶ **N 40° (Maschi a macchina per dadi** | Machine nut taps)

Profondità di filettatura Threading depth		M	MF	UNC	UNF	Pg 8-UN	G (BSP)	Rp (BSPP)	Rc (BSPT)	BSW	NPT	NPTF
≤3.0 xD		6660	-	-	-	-	-	-	-	-	-	-

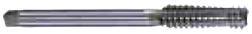
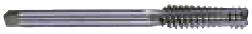
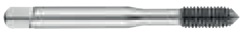
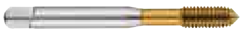
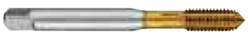
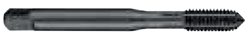
Acciaio debolmente legato Low-Alloyed Steel <800 N/mm²	Acciaio mediamente legato Medium-Alloyed Steel 700/1000 N/mm²	Acciaio fortemente legato High-Alloyed Steel 1000/1300 N/mm²	Acciao inossidabile Martensitico/Ferritico Stainless steel Martensitic/Ferritic	Acciao inossidabile Austenitico Stainless steel Austenitic	Ghisa grigia Grey cast iron	Ghisa sferoidale Nodular cast iron	Alluminio e leghe di Alluminio Aluminum and Aluminum alloys	Materiali non ferrosi Non ferrous materials	Titanio e leghe di Titanio Titanium and Titanium alloys	HRSA Leghe resistenti al calore Heat resistant alloys	Acciai temprati Hardened steels 38/48 HRC	Acciai temprati Hardened steels 48/58 HRC	Acciai temprati Hardened steels 58/68 HRC
P1	**P2**	**P3**	**M1**	**M2**	**K1**	**K2**	**N1**	**N2**	**S1**	**S2**	**H1**	**H2**	**H3**

V_c: **velocità di taglio (m/min)** | cutting speed (m/min)

15	-	-	**12**	-	-	-	**20**	-	-	-	-	-	-
15	-	-	**12**	-	-	-	**20**	-	-	-	-	-	-
15	-	-	**12**	-	-	-	**20**	-	-	-	-	-	-
18	-	-	**15**	-	-	-	**25**	-	-	-	-	-	-
15	8	5	-	-	-	-	**18**	**12**	-	-	-	-	-
15	8	5	-	-	-	-	**18**	**12**	-	-	-	-	-
15	8	5	-	-	-	-	**18**	**12**	-	-	-	-	-
15	8	5	-	-	-	-	**18**	**12**	-	-	-	-	-
-	**7**	**4**	-	-	7	-	10	7	-	-	-	-	-
-	**7**	**4**	-	-	7	-	10	7	-	-	-	-	-
-	**7**	**4**	-	-	7	-	10	7	-	-	-	-	-
10	**7**	**4**	-	-	7	5	**10**	**7**	-	-	-	-	-
10	**7**	**4**	-	-	7	5	**10**	**7**	-	-	-	-	-
10	**7**	**4**	-	-	7	5	**10**	**7**	-	-	-	-	-

B 02

► **I parametri di taglio indicati in tabella sono da considerarsi validi in condizioni macchina/pezzo ottimali**
The cutting parameters shown in the table have to be considered valid in optimal machine/workpiece conditions

Profondità di filettatura Threading depth		**M**	**MF**	**UNC**	**UNF**	**TR**	**G** (BSP)	**Rp** (BSPP)	**Rc** (BSPT)	**BSW**	**NPT**	**NPTF**
		Profili di filettatura | Threading profiles										
► TR (Maschi a macchina trapezoidali | Trapezoidal machine taps)												
≤**1.5** x**D**		-	-	-	-	6938	-	-	-	-	-	-
		-	-	-	-	6939	-	-	-	-	-	-
► FORMER (Maschi a macchina a rullare | Cold forming machine taps)												
≤**2.0** x**D**		6722BL 6622BL	-	-	-	-	-	-	-	-	-	-
		6722TF	-	-	-	-	-	-	-	-	-	-
		6722TN 6622TN	-	-	-	-	-	-	-	-	-	-
		6722 6622	-	6738	6747	-	-	-	-	-	-	-
≤**2.0** x**D**		6723TN 6623TN	-	-	-	-	-	-	-	-	-	-
		6723 6623	6721 67216G	-	-	-	6702	-	-	-	-	-
► FORMER S (Maschi a macchina a rullare con canalini di lubrificazione | Cold forming machine taps with coolant groove)												
≤**2.0** x**D**		6808BL	-	-	-	-	-	-	-	-	-	-
		6709TF	-	-	-	-	-	-	-	-	-	-
		6709TN 6808TN 6815TN	-	-	-	-	-	-	-	-	-	-
≤**2.0** x**D**		6709 6808 6819	-	6802	6815	-	-	-	-	-	-	-
		6725 6809	6720 67206G	-	6816	-	6818	-	-	-	-	-
		6725TN 6809TN 6811TN	-	-	6816TN	-	6818TN	-	-	-	-	-

Acciaio debolmente legato Low-Alloyed Steel <800 N/mm²	Acciaio mediamente legato Medium-Alloyed Steel 700/1000 N/mm²	Acciaio fortemente legato High-Alloyed Steel 1000/1300 N/mm²	Acciaio inossidabile Martensitico/Ferritico Stainless steel Martensitic/Ferritic	Acciaio inossidabile Austenitico Stainless steel Austenitic	Ghisa grigia Grey cast iron	Ghisa sferoidale Nodular cast iron	Alluminio e leghe di Alluminio Aluminum and Aluminum alloys	Materiali non ferrosi Non ferrous materials	Titanio e leghe di Titanio Titanium and Titanium alloys	HRSA Leghe resistenti al calore Heat resistant alloys	Acciai temprati Hardened steels 38/48 HRC	Acciai temprati Hardened steels 48/58 HRC	Acciai temprati Hardened steels 58/68 HRC
P1	P2	P3	M1	M2	K1	K2	N1	N2	S1	S2	H1	H2	H3

V_c: **velocità di taglio (m/min)** | cutting speed (m/min)

15	10	6	-	-	10	5	15	10	-	-	-	-	-
15	10	6	-	-	10	5	15	10	-	-	-	-	-
13	11	-	8	-	-	-	20	18	-	-	-	-	-
15	13	-	10	-	-	-	25	22	-	-	-	-	-
15	13	-	10	-	-	-	25	22	-	-	-	-	-
13	11	-	8	-	-	-	20	18	-	-	-	-	-
15	13	-	10	-	-	-	25	22	-	-	-	-	-
13	11	-	8	-	-	-	20	18	-	-	-	-	-
15	13	-	10	-	-	-	25	22	-	-	-	-	-
17	15	-	12	-	-	-	30	25	-	-	-	-	-
17	15	-	12	-	-	-	30	25	-	-	-	-	-
15	13	-	10	-	-	-	25	22	-	-	-	-	-
15	13	-	10	-	-	-	25	22	-	-	-	-	-
17	15	-	12	-	-	-	30	25	-	-	-	-	-

B 02

► **I parametri di taglio indicati in tabella sono da considerarsi validi in condizioni macchina/pezzo ottimali**
The cutting parameters shown in the table have to be considered valid in optimal machine/workpiece conditions