

G.S. TOOLS S.r.l.



G.S. Tools viene creata da Stevezzoli Mirco, dopo aver acquisito esperienza ventennale nella vendita di Sumitomo, marchio leader nel settore.

Nel 2016 viene così costituita un'azienda che si occupa della commercializzazione di prodotti, che spaziano dall'asportazione truciolo, all'attrezzaggio di macchine utensili e allo staffaggio del particolare da lavorare.

I marchi trattati, acquistati con canale direzionale scelti dopo un'accurata ricerca ottenuta dall'analisi delle richieste di mercato sono i seguenti:

Mandrineria:	SHOWA, KINTEK, NIKKEN, ERICKSON, MAPAL, CERIT, BIGKAISER e MARIO PINTO
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Morse:	FRESMAK, OML e GERARDI
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Maschiatura:	D.C. SWISS, BASS e G.S. TAPS
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Foratura:	MILLER, SUMITOMO, UNION TOOLS, YG1 e G.S. DRILL
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Fresatura in metallo duro:	UNION TOOLS, YONNEX, SUMITOMO, TTE, YG1 e GS
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Fresatura a inserti:	SUMITOMO, TTE, ISCAR
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Tornitura:	SUMITOMO, ISCAR
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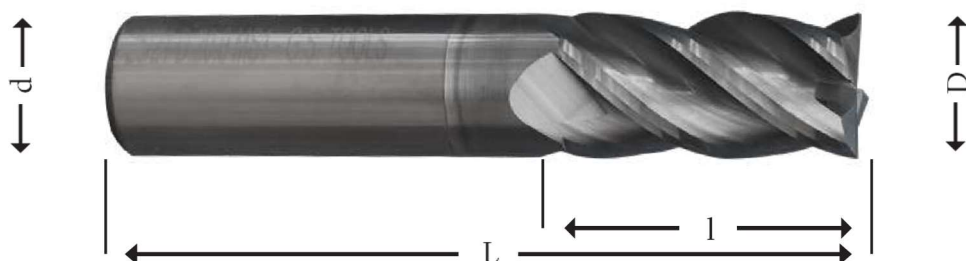
Utensili da gola:	HORN (FEBAMETAL), SUMITOMO, ISCAR e DUMMEL
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Olio emulsionabile:	FUCHS
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Mole abrasive:	NORTON
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Fresa 4 taglienti serie universale

Passo variabile elica variabile



D h10	d h6	L	l ap	90°	Z	Con rivestimento
4,0	4	50	11	-	4	GSD.004
5,0	5	50	13	-	4	GSD.005
6,0	6	57	13	-	4	GSD.006
7,0	7	60	16	-	4	GSD.007
8,0	8	63	19	-	4	GSD.008
9,0	9	67	19	-	4	GSD.009
10,0	10	72	22	-	4	GSD.010
12,0	12	83	26	-	4	GSD.012
14,0	14	83	26	-	4	GSD.014
16,0	16	92	32	-	4	GSD.016
18,0	18	92	32	-	4	GSD.018
20,0	20	104	38	-	4	GSD.020

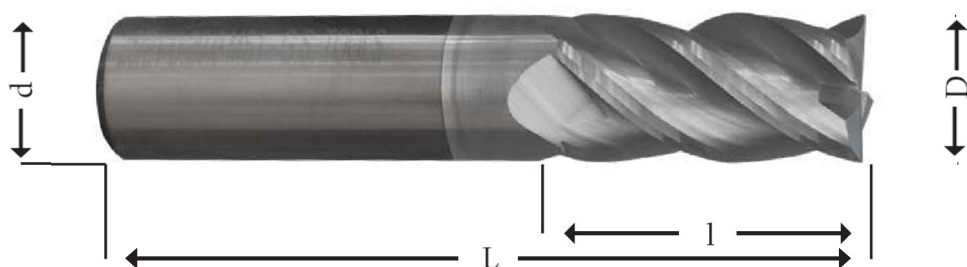
Materiale da lavorare		Resistenza/Durezza	Esempio
P	Acciai non allegati	<850 N/mm2	St37, St52, C45, 16MnCr5
	Non alloy steel	>1200 N/mm2	1.2367, 1.2379, 42CrMo4
M	Acc. Inox	<750 N/mm2	1.4034, 1.4301, 1.4305
	Stainless steels	<850 N/mm2	1.4435, 1.4571

150	100	150	150
110	80	110	110
65	60	65	65
60	50	60	60

Ø	Avanzamento dente	
6	0,04	0.03
8	0.04	0.035
10	0.045	0.040
12	0.05	0.040
16	0.065	0.050
20	0.075	0.050



Fresa per INOX e leghe resistenti al calore a elica variabile e passo differenziato



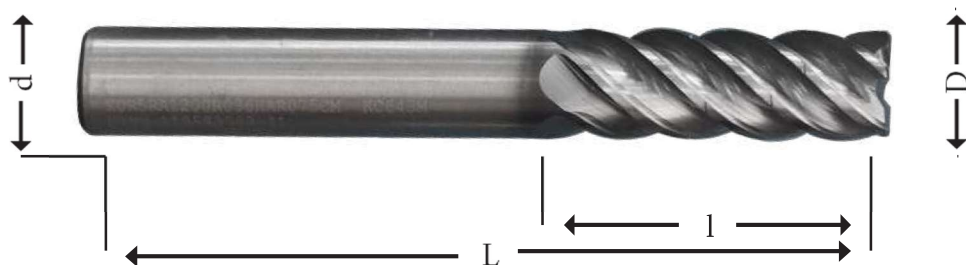
D h10	d h6	L	l ap	90°	Z	Con rivestimento
4,0	4	50	11	-	4	GSINOXD.004
5,0	5	50	13	-	4	GSINOXD.005
6,0	6	57	13	-	4	GSINOXD.006
7,0	7	60	16	-	4	GSINOXD.007
8,0	8	63	19	-	4	GDINOXS.008
9,0	9	67	19	-	4	GSINOXD.009
10,0	10	72	22	-	4	GSINOXD.010
12,0	12	83	26	-	4	GSINOXD.012
14,0	14	83	26	-	4	GSINOXD.014
16,0	16	92	32	-	4	GSINOXD.016
18,0	18	92	32	-	4	GSINOXD.018
20,0	20	104	38	-	4	GSINOXD.020

Materiale da lavorare		Resistenza/Durezza	Esempio
M	Acc. Inox	<750 N/mm2	1.4034, 1.4301, 1.4305
	Stainless steels	<850 N/mm2	1.4435, 1.4571
S	Lega Ti./ Titanium All.		TiCu2, Ti6Al4V
	Lega Ni./ Nichel All.		Inconel, Hastelloy, Monel

90	90	70	90	90
100	80	60	80	80
70	60	55	60	60
55	50	40	50	50

Ø	Avanzamento dente				
3	0.020	0.012	0.007	0.012	0.012
4	0.025	0.015	0.010	0.015	0.015
5	0.030	0.022	0.015	0.022	0.022
6	0.035	0.025	0.020	0.025	0.025
8	0.050	0.040	0.030	0.040	0.040
10	0.065	0.050	0.045	0.050	0.050
12	0.075	0.055	0.055	0.055	0.055
16	0.08	0.07	0.06	0.07	0.07
20	0.09	0.08	0.07	0.08	0.08

Fresa MDI con tagliente liscio con rompitrucolo per avanzamento trocoidale



D h10	d h6	L	l ap	90°	Z	Non rivestito
4,0	4	50	12	-	4	G123T.04D
4,0	4	70	20	-	4	G125T.04D
5,0	5	50	15	-	4	G123T.05D
5,0	5	80	25	-	4	G125T.05D
6,0	6	57	89	-	5	G123T.06D
6,0	6	80	30	-	5	G125T.06D
7,0	7	60	21	-	5	G123T.07D
7,0	7	90	35	-	5	G125T.07D
8,0	8	63	24	-	5	G123T.08D
8,0	8	90	40	-	5	G125T.08D
9,0	9	67	27	-	5	G123T.09D
9,0	9	100	45	-	5	G125T.09D
10,0	10	72	30	-	5	G123T.10D
10,0	10	100	50	-	5	G125T.10D
12,0	12	83	36	-	5	G123T.12D
12,0	12	110	60	-	5	G125T.12D
14,0	14	83	42	-	5	G123T.14D
14,0	14	120	70	-	5	G125T.14D
16,0	16	92	48	-	5	G123T.16D
16,0	16	130	80	-	5	G125T.16D
18,0	18	92	54	-	5	G123T.18D
18,0	18	150	90	-	5	G125T.18D
20,0	20	104	60	-	5	G123T.20D
20,0	20	150	100	-	5	G125T.20D

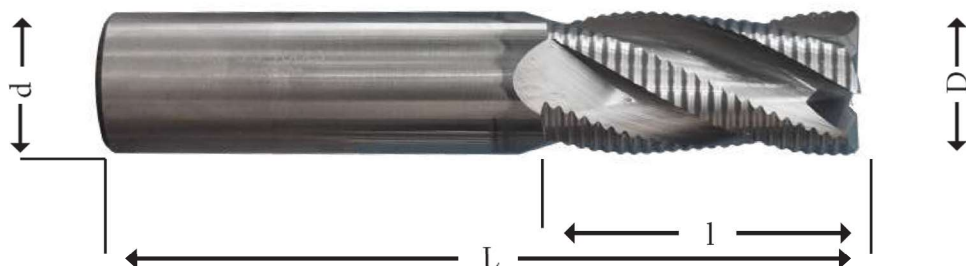
Materiale da lavorare		Resistenza/Durezza	Esempio
P	Acciai non allegati <i>Non alloy steel</i>	<850 N/mm2	St37, St52, C45, 16MnCr5
		>1200 N/mm2	1.2367, 1.2379, 42CrMo4
M	Acc. Inox Stainless steels	<750 N/mm2	1.4034, 1.4301, 1.4305
		<850 N/mm2	1.4435, 1.4571
S	Lega Ti./ Titanium All.		TiCu2, TiAl6V4
	Lega Ni. / Nichel All.		Inconel, Hastelloy, Monel

180	200	
160	180	
90/120	100/150	
90/100	100/130	
120	90	90
100	80	70

Ø	Avanzamento dente				
6	0,10	0.15	0.06	0.08	0.04
8	0.10	0.15	0.06	0.08	0.04
10	0.10	0.15	0.06	0.08	0.04
12	0.10	0.15	0.07	0.10	0.05
16	0.10	0.15	0.07	0.10	0.05
20	0.10	0.15	0.07	0.10	0.05



Fresa MDI rompitruciolo da sgrossare



D h10	d h6	L	l ap	90°	Z	Con rivestimento
4,0	4	50	11	-	4	ROMPGSD.04
5,0	5	50	13	-	4	ROMPGSD.05
6,0	6	57	13	-	4	ROMPGSD.06
7,0	7	60	16	-	4	ROMPGSD.07
8,0	8	63	19	-	4	ROMPGSD.08
9,0	9	67	19	-	4	ROMPGSD.09
10,0	10	72	22	-	4	ROMPGSD.10
12,0	12	83	26	-	4	ROMPGSD.12
14,0	14	83	26	-	4	ROMPGSD.14
16,0	16	92	32	-	4	ROMPGSD.16
18,0	18	92	32	-	4	ROMPGSD.18
20,0	20	104	38	-	4	ROMPGSD.20

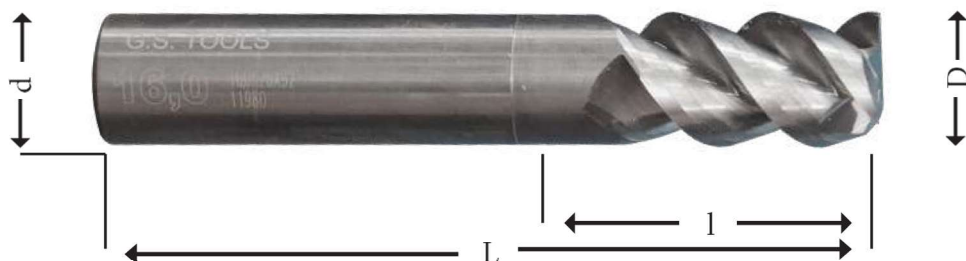
Materiale da lavorare		Resistenza/Durezza	Esempio
P	Acciai non allegati <i>Non alloy steel</i>	<850 N/mm2	St37, St52, C45, 16MnCr5
		>1200 N/mm2	1.2367, 1.2379, 42CrMo4
M	Acc. Inox Stainless steels	<750 N/mm2	1.4034, 1.4301, 1.4305
		<850 N/mm2	1.4435, 1.4571
S	Lega Ti./ Titanium All.		TiCu2, TiAl6V4
	Lega Ni. / Nichel All.		Inconel, Hastelloy, Monel

180	150	
130	80	
60	50	
50	50	
45	40	
40	35	

Ø	Avanzamento dente		
4	0,020	0.020	0.020
5	0.025	0.020	0.020
6	0.035	0.025	0.025
8	0.045	0.035	0.035
10	0.060	0.045	0.045
12	0.070	0.055	0.055
16	0.075	0.060	0.060
20	0.080	0.065	0.065

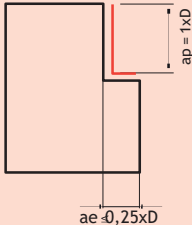
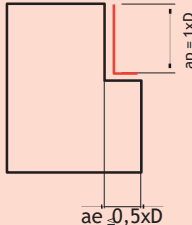
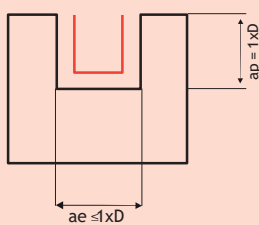
Ø	Avanzamento dente		
4	0,020	0.02	0.02
5	0.025	0.02	0.02
6	0.030	0.025	0.025
8	0.040	0.030	0.03
10	0.050	0.040	0.04
12	0.055	0.045	0.045
16	0.055	0.045	0.045
20	0.06	0.050	0.050

Fresa MDI per alluminio lappata



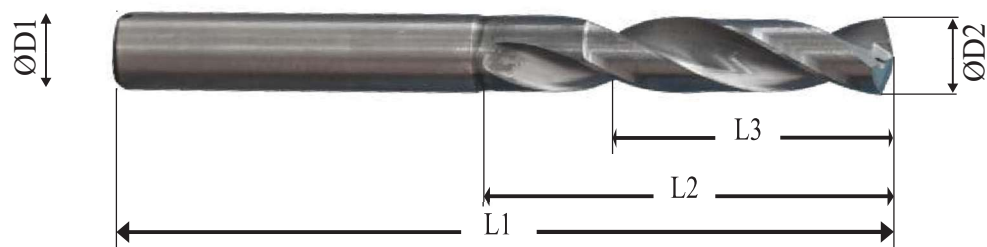
D h10	d h6	L	l ap	90°	Z	Non rivestito
4,0	4	50	11	-	2/3/4	GS218D.04
5,0	5	50	13	-	2/3/4	GS218D.05
6,0	6	57	13	-	2/3/4	GS218D.06
7,0	7	60	16	-	2/3/4	GS218D.07
8,0	8	63	19	-	2/3/4	GS218D.08
9,0	9	67	19	-	2/3/4	GS218D.09
10,0	10	72	22	-	2/3/4	GS218D.10
12,0	12	83	26	-	2/3/4	GS218D.12
14,0	14	83	26	-	3/4	GS218D.14
16,0	16	92	32	-	3/4	GS218D.16
18,0	18	92	32	-	3/4	GS218D.18
20,0	20	104	38	-	3/4	GS218D.20

Materiale da lavorare		Esempio
N	Aluminium (Si-Gehalt 0,5-9%)	AlCuMgPb, GD-AISi9Cu3
	Aluminium (Si-Gehalt 10-15%)	GB.AISi12 (Cu)
	Kupfer, Messing, Bronze	CuZn37, CuSn8

		
450	380	300
350	300	250
230	180	150

Ø	Avanzamento dente		
3	0.016	0.012	0.008
4	0.022	0.016	0.010
5	0.030	0.024	0.018
6	0.040	0.030	0.022
8	0.050	0.040	0.030
10	0.065	0.055	0.040
12	0.080	0.065	0.050
16	0.100	0.085	0.065
20	0.140	0.120	0.090

Punta 3xD MDI generica con fori per refrigerante interno



Elica: 30°destra

Angolo di testa: 140°

Tipo di affilatura: a mantello conico

Metallo duro: micrograno

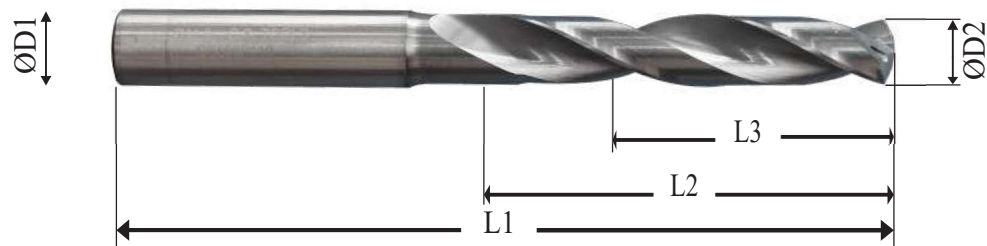
Codice/Code	D1	D2	L1	L2	L3
	m7	h6			
GS300F030	3,0	6,0	62	20	14
GS300F03,2	3,2	6,0	62	20	14
GS300F040	3,4	6,0	62	20	14
GS300F050	3,5	6,0	62	20	14
GS300F400	4,0	6,0	66	24	17
GS300F420	4,2	6,0	66	24	17
GS300F450	4,5	6,0	66	24	17
GS300F460	4,6	6,0	66	24	17
GS300F500	5,0	6,0	66	28	20
GS300F510	5,1	6,0	66	28	20
GS300F520	5,2	6,0	66	28	20
GS300F550	5,5	6,0	66	28	20
GS300F560	5,6	6,0	66	28	20
GS300F580	5,8	6,0	66	28	20
GS300F600	6,0	6,0	66	28	20
GS300F620	6,2	8,0	79	34	24
GS300F650	6,5	8,0	79	34	24
GS300F680	6,8	8,0	79	34	24

Codice/Code	D1	D2	L1	L2	L3
	m7	h6			
GS300F700	7,0	8,0	79	34	24
GS300F720	7,2	8,0	79	41	29
GS300F750	7,5	8,0	79	41	29
GS300F760	7,6	8,0	79	41	29
GS300F800	8,0	8,0	79	41	29
GS300F820	8,2	10,0	89	47	35
GS300F850	8,5	10,0	89	47	35
GS300F860	8,6	10,0	89	47	35
GS300F880	8,8	10,0	89	47	35
GS300F900	9,0	10,0	89	47	35
GS300F920	9,2	10,0	89	47	35
GS300F950	9,5	10,0	89	47	35
GS300F960	9,6	10,0	89	47	35
GS300F980	9,8	10,0	89	47	35
GS300F1000	10,0	10,0	89	47	35
GS300F1020	10,2	12,0	102	55	40
GS300F1050	10,5	12,0	102	55	40
GS300F1080	10,8	12,0	102	55	40
GS300F1100	11,0	12,0	102	55	40
GS300F1120	11,2	12,0	102	55	40
GS300F1140	11,5	12,0	102	55	40

Codice/Code	D1	D2	L1	L2	L3
	m7	h6			
GS300F1170	11,7	12,0	102	55	40
GS300F1180	11,8	12,0	102	55	40
GS300F1220	12,2	14,0	107	60	43
GS300F1250	12,5	14,0	107	60	43
GS300F1300	13,0	14,0	107	60	43
GS300F1320	13,2	14,0	107	60	43
GS300F1350	13,5	14,0	107	60	43
GS300F1400	14,0	14,0	107	60	43
GS300F1450	14,5	16,0	115	65	45
GS300F1500	15,0	16,0	115	65	45
GS300F1530	15,3	16,0	115	65	45
GS300F1600	16,0	16,0	115	65	45
GS300F1650	16,5	18,0	123	73	51
GS300F1700	17,0	18,0	123	73	51
GS300F1730	17,3	18,0	123	73	51
GS300F1800	18,0	18,0	123	73	51
GS300F1850	18,5	20,0	131	79	55
GS300F1900	19,0	20,0	131	79	55
GS300F1950	19,5	20,0	131	79	51
GS300F2000	20,0	20,0	131	79	51

Disponibili tutti i diametri decimali

Punta 5xD MDI generica con fori per refrigerante interno



Elica: 30°destra

Angolo di testa: 140°

Tipo di affilatura: a mantello conico

Metallo duro: micrograno

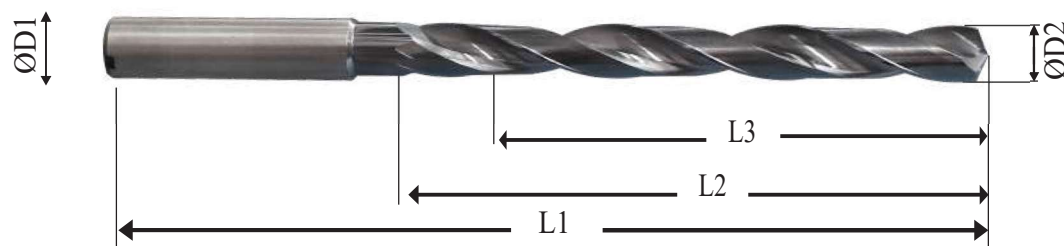
Codice/Code	D1	D2	L1	L2	L3
	m7	h6			
GS500F030	3,0	6,0	66	28	23
GS500F03,2	3,2	6,0	66	28	23
GS500F040	3,4	6,0	66	28	23
GS500F050	3,5	6,0	66	28	23
GS500F400	4,0	6,0	74	36	29
GS500F420	4,2	6,0	74	36	29
GS500F450	4,5	6,0	74	36	29
GS500F460	4,6	6,0	74	36	29
GS500F500	5,0	6,0	82	44	35
GS500F510	5,1	6,0	82	44	35
GS500F520	5,2	6,0	82	44	35
GS500F550	5,5	6,0	82	44	35
GS500F560	5,6	6,0	82	44	35
GS500F580	5,8	6,0	82	44	35
GS500F600	6,0	6,0	82	44	35
GS500F620	6,2	8,0	91	53	43
GS500F650	6,5	8,0	91	53	43
GS500F680	6,8	8,0	91	53	43

Codice/Code	D1	D2	L1	L2	L3
	m7	h6			
GS500F700	7,0	8,0	91	53	43
GS500F720	7,2	8,0	91	53	43
GS500F750	7,5	8,0	91	53	43
GS500F760	7,6	8,0	91	53	43
GS500F800	8,0	8,0	91	53	43
GS500F820	8,2	10,0	103	61	49
GS500F850	8,5	10,0	103	61	49
GS500F860	8,6	10,0	103	61	49
GS500F880	8,8	10,0	103	61	49
GS500F900	9,0	10,0	103	61	49
GS500F920	9,2	10,0	103	61	49
GS500F950	9,5	10,0	103	61	49
GS500F960	9,6	10,0	103	61	49
GS500F980	9,8	10,0	103	61	49
GS500F1000	10,0	10,0	103	61	49
GS500F1020	10,2	12,0	118	71	56
GS500F1050	10,5	12,0	118	71	56
GS500F1080	10,8	12,0	118	71	56
GS500F1100	11,0	12,0	118	71	56
GS500F1120	11,2	12,0	118	71	56
GS500F1140	11,5	12,0	118	71	56

Codice/Code	D1	D2	L1	L2	L3
	m7	h6			
GS500F1170	11,7	12,0	118	71	56
GS500F1180	11,8	12,0	118	71	56
GS500F1200	12,2	14,0	118	71	56
GS500F1250	12,5	14,0	124	77	60
GS500F1300	13,0	14,0	124	77	60
GS500F1320	13,2	14,0	124	77	60
GS500F1350	13,5	14,0	124	77	60
GS500F1400	14,0	14,0	124	77	60
GS500F1450	14,5	16,0	133	83	63
GS500F1500	15,0	16,0	133	83	63
GS500F1530	15,3	16,0	133	83	63
GS500F1600	16,0	16,0	133	83	63
GS500F1650	16,5	18,0	143	93	71
GS500F1700	17,0	18,0	143	93	71
GS500F1730	17,3	18,0	143	93	71
GS500F1800	18,0	18,0	143	93	71
GS500F1850	18,5	20,0	153	101	77
GS500F1900	19,0	20,0	153	101	77
GS500F1950	19,5	20,0	153	101	77
GS500F2000	20,0	20,0	153	101	77

Disponibili tutti i diametri decimali

Punta 8xD MDI generica con fori per refrigerante interno



Elica: 30°destra

Angolo di testa: 140°

Tipo di affilatura: a mantello conico

Metallo duro: micrograno

Codice/Code	D1	D2	L1	L2	L3
	m7	h6			
GS800F030	3,0	6,0	72	34	29
GS800F03,2	3,2	6,0	72	34	29
GS800F040	3,4	6,0	72	34	29
GS800F050	3,5	6,0	72	34	29
GS800F400	4,0	6,0	81	43	36
GS800F420	4,2	6,0	81	43	36
GS800F450	4,5	6,0	81	43	36
GS800F460	4,6	6,0	81	43	36
GS800F500	5,0	6,0	95	57	48
GS800F510	5,1	6,0	95	57	48
GS800F520	5,2	6,0	95	57	48
GS800F550	5,5	6,0	95	57	48
GS800F560	5,6	6,0	95	57	48
GS800F580	5,8	6,0	95	57	48
GS800F600	6,0	6,0	95	57	48
GS800F620	6,2	8,0	114	76	64
GS800F650	6,5	8,0	114	76	64
GS800F680	6,8	8,0	114	76	64

Codice/Code	D1	D2	L1	L2	L3
	m7	h6			
GS800F700	7,0	8,0	114	76	64
GS800F720	7,2	8,0	114	76	64
GS800F750	7,5	8,0	114	76	64
GS800F760	7,6	8,0	114	76	64
GS800F800	8,0	8,0	114	76	64
GS800F820	8,2	10,0	142	95	80
GS800F850	8,5	10,0	142	95	80
GS800F860	8,6	10,0	142	95	80
GS800F880	8,8	10,0	142	95	80
GS800F900	9,0	10,0	142	95	80
GS800F920	9,2	10,0	142	95	80
GS800F950	9,5	10,0	142	95	80
GS800F960	9,6	10,0	142	95	80
GS800F980	9,8	10,0	142	95	80
GS800F1000	10,0	10,0	142	95	80
GS800F1020	10,2	12,0	162	114	96
GS800F1050	10,5	12,0	162	114	96
GS800F1080	10,8	12,0	162	114	96
GS800F1100	11,0	12,0	162	114	96
GS800F1120	11,2	12,0	162	114	96
GS800F1140	11,4	12,0	162	114	96

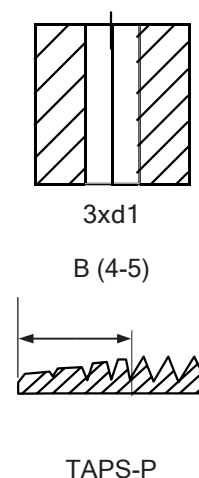
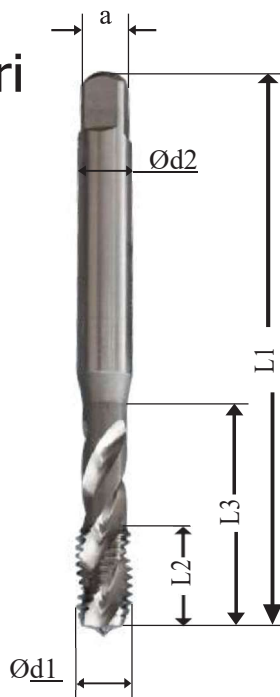
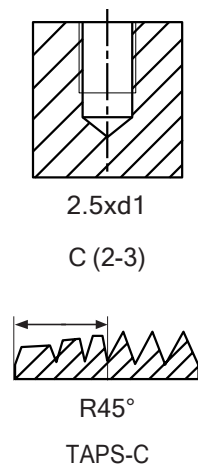
Codice/Code	D1	D2	L1	L2	L3
	m7	h6			
GS800F1170	11,7	12,0	162	114	96
GS800F1180	11,8	12,0	162	114	96
GS800F1200	12,2	14,0	162	114	96
GS800F1250	12,5	14,0	178	133	112
GS800F1300	13,0	14,0	178	133	112
GS800F1320	13,2	14,0	178	133	112
GS800F1350	13,5	14,0	178	133	112
GS800F1400	14,0	14,0	178	133	112
GS800F1450	14,5	16,0	203	152	128
GS800F1500	15,0	16,0	203	152	128
GS800F1530	15,3	16,0	203	152	128
GS800F1600	16,0	16,0	203	152	128
GS800F1650	16,5	18,0	222	171	144
GS800F1700	17,0	18,0	222	171	144
GS800F1730	17,3	18,0	222	171	144
GS800F1800	18,0	18,0	222	171	144
GS800F1850	18,5	20,0	243	190	160
GS800F1900	19,0	20,0	243	190	160
GS800F1950	19,5	20,0	243	190	160
GS800F2000	20,0	20,0	243	190	160

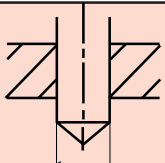
Disponibili tutti i diametri decimali

Parametri di taglio per punte generiche serie GS

Materiale da lavorare		Resistenza / Durezza	Esempio	Velocità di taglio [m/min]	Avanzamento f mm/giro					
P	Acciai non legati	<600 N/mm2	St37, C22, GS38	60-80	0,15	0,20	0,25	0,30	0,36	0,40
		<700 N/mm2	St52, C35, GS52	60-80	0,15	0,20	0,25	0,30	0,36	0,40
		>700 N/mm2	St70, C45, GS62	55-75	0,15	0,20	0,25	0,30	0,36	0,40
	Acciai legati	<900 N/mm2	16MnCr5, 42CrMo4	50-70	0,15	0,20	0,25	0,30	0,36	0,40
		<1000 N/mm2	90MnCrV8, 100Cr6	50-70	0,14	0,18	0,22	0,26	0,30	0,35
		>1000 N/mm2	X210Cr12, 34CrAlNi7	40-60	0,12	0,16	0,20	0,24	0,30	0,35
M	Acc. Inox		X5 CrNi 18 9 (V2A)	25-50	0,10	0,12	0,34	0,16	0,20	0,28
K	Ghisa grigia	<200 HB	GG20, GG25, GTS45	70-90	0,22	0,28	0,30	0,38	0,44	0,50
		<250 HB	GG30, GTW40	60-80	0,20	0,25	0,30	0,35	0,40	0,45
		>250 HB	GG40, GTS70	55-75	0,20	0,25	0,30	0,35	0,40	0,45
	Ghisa Sferoidale	<600 N/mm2	GGG40, GGG50	60-75	0,20	0,25	0,30	0,35	0,40	0,45
		>600 N/mm2	GGG60, GGV (CGI)	50-65	0,18	0,22	0,25	0,30	0,35	0,40
N	Alu - Al	<450 N/mm2	AlCuMgPb, AlMgSi 0,5	120-200	0,18	0,24	0,30	0,35	0,40	0,50
	Lega Alu.(si<10%)- Al Alloys	<600 N/mm2	GD-AISI-9Cu3, AISi7Mg 0,6	120-200	0,18	0,24	0,30	0,35	0,40	0,50
	Lega Alu.(si>10%)- Al Alloys	<600 N/mm2	GB. AISi12 (CU)	100-180	0,18	0,24	0,30	0,35	0,40	0,50
	Rame, Ottone, Bronzo, Copper, Brass, Bronze			80-150	0,18	0,24	0,30	0,35	0,40	0,50
S	Lega Ti/ Titanium All		Ti6Al4V	20-35	0,08	0,12	0,14	0,16	0,20	0,25
	Lega Ni./ Nichel All.		Inconel, Monel, Hastelloy	20-35	0,07	0,10	0,12	0,15	0,18	0,22

Maschio generico per fori passanti e ciechi passo metrico

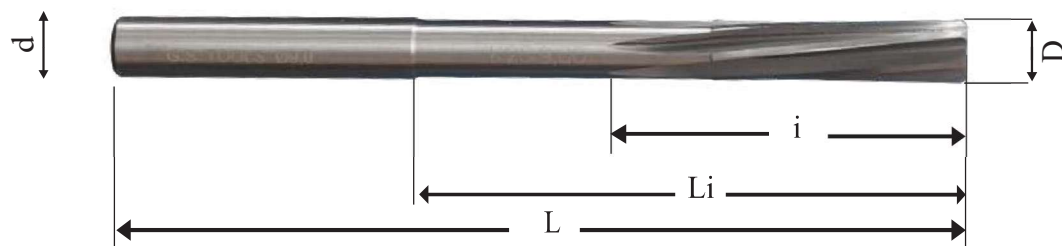


d1	Pitch mm	Ordering Code	d2	L1	L2	L3	a	
M3	0.5	TAPS C M3x0.5 6H	3.5	56	5	18	2.7	2.50
		TAPS P M3x0.5 6H	3.5	56	5	18	2.7	2.50
M4	0.7	TAPS C M4x0.7 6H	4.5	63	7	21	3.4	3.30
		TAPS P M4x0.7 6H	4.5	63	7	21	3.4	3.30
M5	0.8	TAPS C M5x0.8 6H	6.0	70	8	25	4.9	4.20
		TAPS P M5x0.8 6H	6.0	70	8	25	4.9	4.20
M6	1.0	TAPS C M6x1.0 6H	6.0	80	10	30	4.9	5.00
		TAPS P M6x1.0 6H	6.0	80	10	30	4.9	5.00
M8	1.25	TAPS C M8x1.25 6H	8.0	90	13	35	6.2	6.80
		TAPS P M8x1.25 6H	8.0	90	13	35	6.2	6.80
M10	1.5	TAPS C M10x1.5 6H	10.0	100	15	39	8.0	8.50
		TAPS P M10x1.5 6H	10.0	100	15	39	8.0	8.50
M12	1.75	TAPS C M12x1.75 6H	9.0	110	18	-	7.0	10.20
		TAPS P M12x1.75						
		6H	9.0	110	18	-	7.0	10.20
M16	2.0	TAPS C M16x2.0 6H	12.0	110	20	-	9.0	14.00
		TAPS P M16x2.0 6H	12.0	110	20	-	9.0	14.00

Disponibili tutti i passi

Alesatori MDI centesimali

Alesatore MD

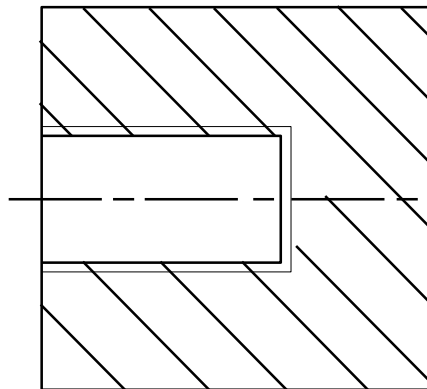


Codice/ Code	D	Tool	d	i	L	Li	Z
MD D03	D3	H7	3	16	65	40	4
MD D04	D4	H7	4	19	80	46	6
MD D05	D5	H7	5	26	93	56	6
MD D06	D6	H7	6	28	100	63	6
MD D08	D8	H7	8	33	117	74	6
MD D09	D9	H7	9	36	125	80	6
MD D10	D10	H7	10	36	125	80	6
MD D11	D11	H7	11	38	130	85	6
MD D12	D12	H7	12	38	130	85	6
MD D13	D13	H7	13	44	150	95	6
MD D14	D14	H7	14	44	50	95	6
MD D15	D15	H7	15	44	50	100	6
MD D16	D16	H7	16	44	50	100	6

Disponibili tutti i diametri centesimali

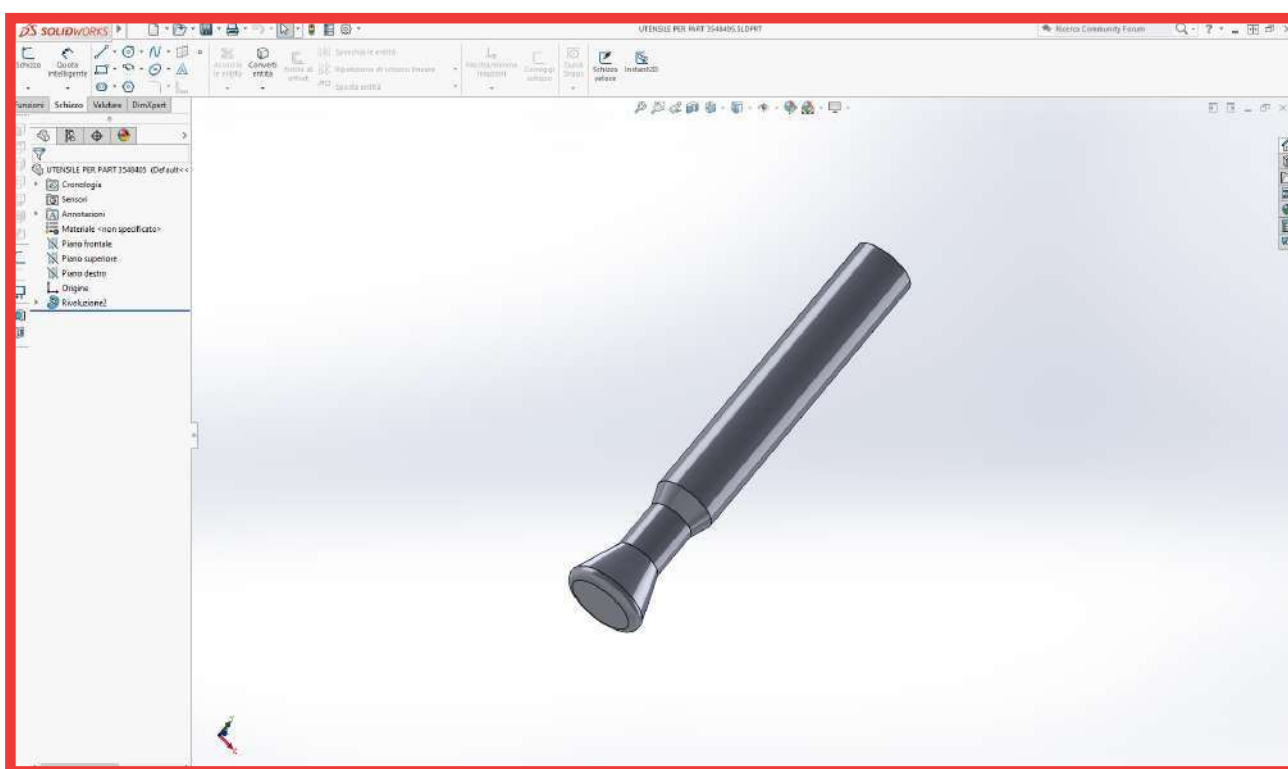
	P<850	P<1200	M	S	N	F/GIRO
VC	10-15 BL	8-12 BI	7-10 GIA	5-8 AM	15-40	
D2	0.08	0.08	0.07	0.06	0.15	
D6	0.10	0.06	0.08	0.07	0.18	
D10	0.15	0.14	0.12	0.10	0.25	
D16	0.20	0.18	0.15	0.12	0.30	

ES. Diametro di preforo
-0.2 / -0.15 dal diametro finale



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