



GW*i*
SERIES 3000

GW
SERIES 3000

 **SWISS**QUALITY



THREADING SOLUTIONS

LA SOLUZIONE OTTIMALE PER GLI ACCIAI INOSSIDABILI E LE SUPER LEGHE



Evacuazione del truciolo



Rendimento raddoppiato



Processo sicuro



Nessun incollaggio

GW*i*
SERIES 3000

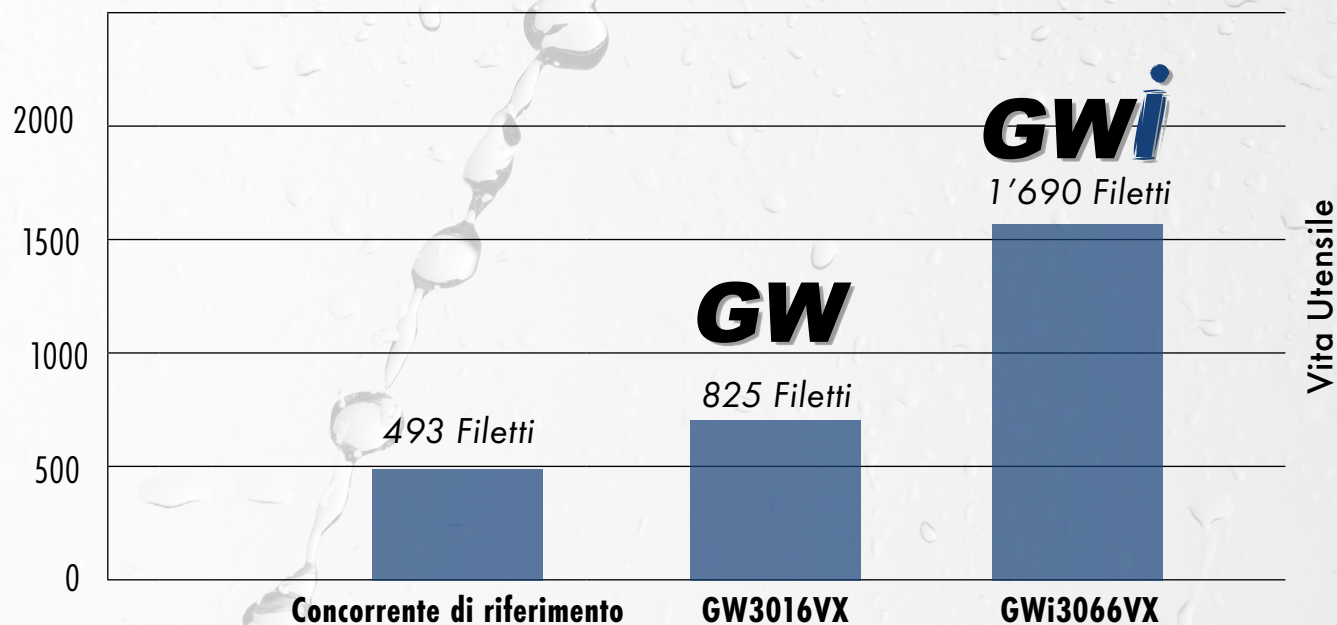


Ø 0.8 - 6.5 mm

Ø 6.5 - 20 mm

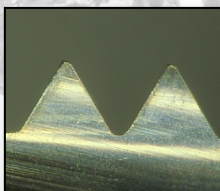
PRESTAZIONI

Materiale: Acciaio Inossidabile 1.4301
Macchina: DMC 650V
Tipo di foro: Foro cieco
Dim. filetto: M3 6H
Lunghezza filetto: $2 \times D_1$
Lubrificante: Emulsione 8%
Vc & Avantamento: 50 m/min & 0.02 mm/dente

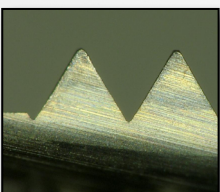


USURA

GWi VX
1'690 Filetti

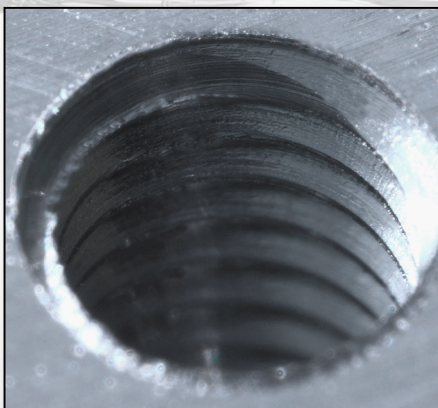


GW VX
825 Filetti



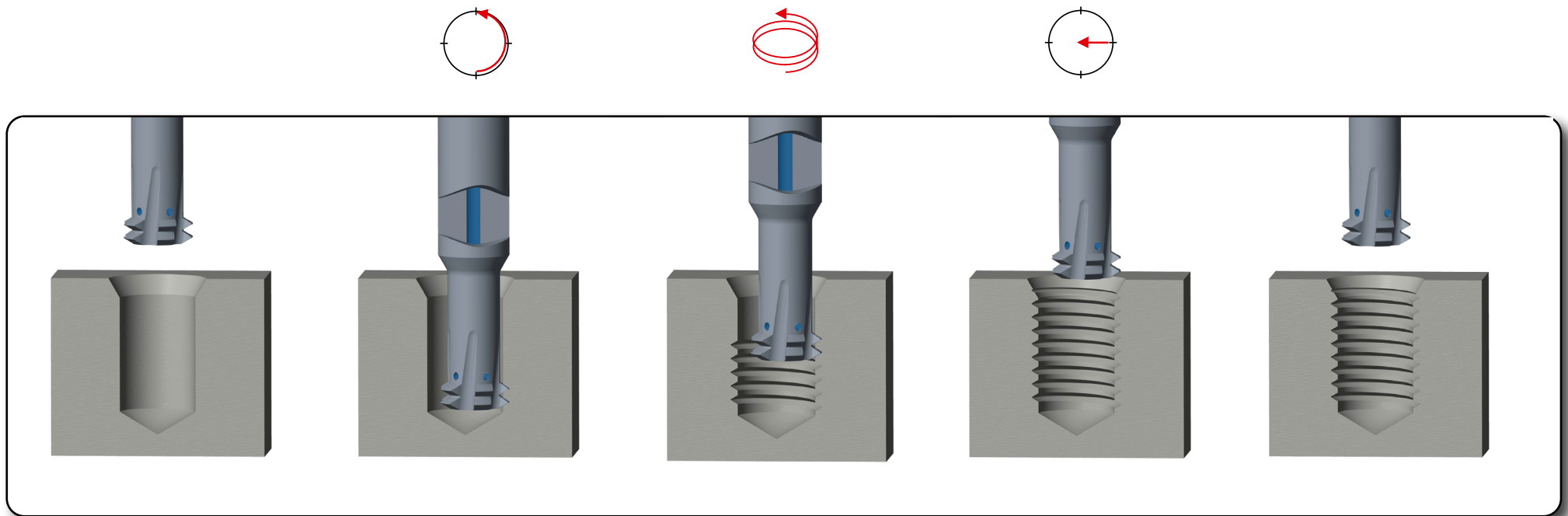
QUALITA' DELLA SUPERFICIE

1'690 Filetti



1'690 Filetti su Inox1.4301
Numero di correzioni NC: 2
(Concorrente 5)

CICLO DI FRESATURA DEL FILETTO



SIMBOLI



Lunghezza del filetto $2.5 \times D_1$



Lunghezza del filetto $3 \times D_1$



Lunghezza del filetto $4 \times D_1$



Rivestimento anti usura



Rivestimento anti usura



Metallo duro Integrale



Filettatura Interna



Classe di tolleranza



Alta Velocità di taglio



Lubrificazione interna GWi



Profilo GW



Disponibili in stock



Consegna in 3 settimane

APPLICAZIONI




























USO

 Ottimale

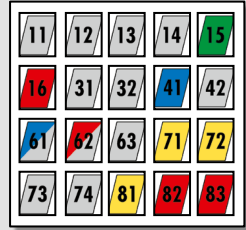
 Funzionale

CLASSIFICAZIONE DEI MATERIALI

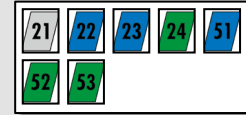
Materiali		Designazione dei materiali	Durezza (HB)	Resistenza Rm (N/mm ²)	Allungamento A (%)
Acciai	11	Acciai da tornitura	< 200	< 700	< 10
	12	Acciai da costruzione / da cementazione	< 200	< 700	< 30
	13	Acciai al carbonio	< 300	< 1000	< 20
	14	Acciai legati <850 N/mm ²	< 250	< 850	< 30
	15	Acciai legati / trattati >850 - <1150 N/mm ²	> 250	> 850	< 30
	16	Acciai ad alta resistenza	> 250	> 850	< 12
Acciai Inossidabili	21	Acciai inox allo zolfo	< 250	< 850	< 25
	22	Acciai inox austenitici	< 250	< 850	> 20
	23	Ferritici e martensitici <850 N/mm ²	< 250	< 850	> 20
	24	Ferritici e martensitici >850 - <1150 N/mm ²	> 250	> 850	> 15
Ghisa	31	Ghisa grigia	< 250	< 850	< 10
	32	Ghisa grafitica sferoidale e malleabile	< 250	< 850	> 10
Titanio	41	Titanio puro	< 250	< 850	> 20
	42	Leghe al titanio	> 250	> 850	< 20
Nickel	51	Leghe al Nickel 1 <850 N/mm ²	< 250	< 850	> 25
	52	Leghe al Nickel 2 >850 - <1150 N/mm ²	> 250	> 850	< 25
	53	Leghe al Nickel 3 >1150 - ≤ 1600 N/mm ²	> 340	> 1150	< 20
Rame	61	Rame puro (elettrolitico)	< 120	< 400	> 12
	62	Ottone, bronzo (trucioli corti)	< 200	< 700	< 12
	63	Ottone (trucioli lunghi)	< 200	< 700	> 12
Alluminio Magnesio	71	Alluminio non legato	< 100	< 350	> 15
	72	Leghe di alluminio Si < 1.5 %	< 150	< 500	> 15
	73	Leghe di alluminio Si > 1.5 % - < 10 %	< 120	< 400	< 15
	74	Leghe di all. Si > 10 %, Leghe al magnesio	< 120	< 400	< 10
Materie Plastiche	81	Materie termoplastiche	-	-	-
	82	Materie termoindurenti	-	-	-
	83	Materie plastiche rinforzate con fibre	-	-	-

GWi GW		Vc (m/min)		Avanzamento fz (mm/dente)			
VS	VX	VS	VX	∅ 0.3 - 1.0	∅ 1.01 - 3.0	∅ 3.01 - 6.0	∅ 6.01 - 20.0
				80 - 100	0.004 - 0.01	0.01 - 0.05	0.04 - 0.10
				80 - 100	0.004 - 0.01	0.01 - 0.05	0.04 - 0.10
				70 - 90	0.004 - 0.01	0.01 - 0.05	0.02 - 0.10
				70 - 90	0.004 - 0.01	0.01 - 0.05	0.02 - 0.10
				30 - 50	0.004 - 0.01	0.01 - 0.05	0.02 - 0.08
				15 - 40	0.003 - 0.01	0.006 - 0.03	0.008 - 0.05
				40 - 60	0.004 - 0.01	0.01 - 0.05	0.02 - 0.10
				30 - 50	0.004 - 0.01	0.01 - 0.03	0.02 - 0.05
				30 - 50	0.004 - 0.01	0.01 - 0.03	0.02 - 0.05
				30 - 50	0.004 - 0.01	0.01 - 0.03	0.02 - 0.05
				90 - 120	0.004 - 0.01	0.01 - 0.05	0.04 - 0.10
				70 - 90	0.004 - 0.01	0.01 - 0.05	0.02 - 0.10
				20 - 40	0.004 - 0.01	0.01 - 0.03	0.02 - 0.05
				15 - 35	0.004 - 0.01	0.01 - 0.03	0.02 - 0.05
				20 - 40	0.004 - 0.01	0.01 - 0.03	0.02 - 0.05
				20 - 40	0.004 - 0.01	0.01 - 0.03	0.02 - 0.05
				20 - 30	0.003 - 0.01	0.006 - 0.03	0.008 - 0.05
				200 - 250	0.004 - 0.01	0.01 - 0.05	0.02 - 0.10
				150 - 200	0.004 - 0.01	0.01 - 0.05	0.04 - 0.10
				150 - 200	0.004 - 0.01	0.01 - 0.05	0.02 - 0.10
				200 - 300	0.004 - 0.01	0.01 - 0.05	0.05 - 0.10
				200 - 300	0.004 - 0.01	0.01 - 0.05	0.05 - 0.10
				200 - 300	0.004 - 0.01	0.01 - 0.05	0.05 - 0.10
				200 - 300	0.004 - 0.01	0.01 - 0.05	0.04 - 0.10
				200 - 300	0.004 - 0.01	0.01 - 0.05	0.05 - 0.10
				100 - 200	0.004 - 0.01	0.01 - 0.05	0.04 - 0.10
				80 - 100	0.004 - 0.01	0.01 - 0.05	0.04 - 0.10

GWi3066VS
GWi3067VS
GWi3069VS



GWi3066VX
GWi3067VX



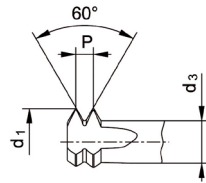
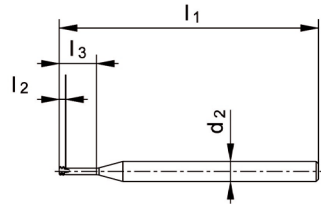
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GWi3067VS

GWi3069VS

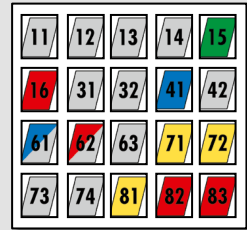
GWi3066VX

GWi3067VX

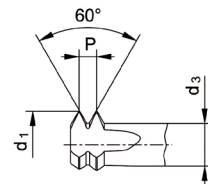
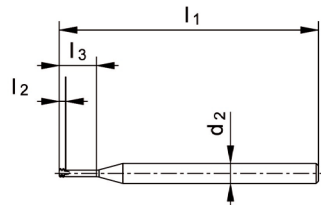
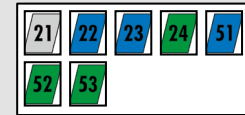


D ₁	P	d ₁	l ₁		l ₃		l ₃		l ₁		l ₃		d ₂ h6	d ₃	ID		
			2.5 - 3 x D ₁		2.5 x D ₁		3 x D ₁		4 x D ₁		4 x D ₁						
M 0.8	0.2	0.57	40	2.3	2.7	40	3.5	3	0.29	3	0.65	186029				187325	
0.9	0.225	0.64	40	2.6	3.0	40	3.9	3	0.33	3	0.70	186030				187326	
1	0.25	0.71	40	2.9	3.4	40	4.4	3	0.36	3	0.75	186031				187327	
1.2	0.25	0.91	40	3.4	4.0	40	5.2	3	0.56	3	0.95	186032				187328	
1.4	0.3	1.06	40	3.9	4.6	40	6.0	4	0.64	3	1.10	186033	186443			187329	187453
1.6	0.35	1.20	40	4.5	5.3	40	6.9	4	0.71	3	1.25	186034	186444			187330	187454
1.8	0.35	1.40	40	5.0	5.9	40	7.7	4	0.91	3	1.45	186035	186445			187331	187455
2	0.4	1.54	40	5.6	6.6	40	8.6	4	0.98	3	1.60	186036	186446			187332	187456
2.5	0.45	1.98	40	6.9	8.1	40	10.6	4	1.35	3	2.05	186037	186447			187333	187457
3	0.5	2.43	51	8.4	9.9	51	12.9	5	1.73	4	2.50	186038	186448	186610		187334	187458
3.5	0.6	2.81	51	9.9	11.6	51	15.1	6	1.97	4	2.90	186039	186449	186611		187335	187459
4	0.7	3.20	51	11.3	13.3	51	17.3	6	2.22	4	3.30	186040	186450	186612		187336	187460
5	0.8	4.08	51	14.0	16.5	51	21.5	8	2.96	4	4.20	186041	186451	186613		187337	187461
6	1	4.85	51	16.8	19.8	51	25.8	8	3.45	4	5.00	186042	186452	186614		187338	187462
8	1.25	5.95	75	23.0	27.0	75	35.0	6	4.20	5	6.80	186043	186453	186615		187339	187463
10	1.5	7.95	83	28.0	33.0	83	43.0	8	5.85	5	8.50	186044	186454	186616		187340	187464
12	1.75	9.95	95	34.0	40.0	95	52.0	10	7.50	5	10.25	186045	186455	186617		187341	187465
14	2	10.95	120	44.0	52.0	120	68.0	12	8.15	5	12.00	186046	186456	186618		187342	187466
16	2	10.95	120	44.0	52.0	120	68.0	12	8.15	5	14.00	186817	186825	186833		187343	187467
18	2.5	13.95	135	55.0	65.0	135	85.0	14	10.45	6	15.50	186047	186457	186619		187344	187468
20	2.5	13.95	135	55.0	65.0	135	85.0	14	10.45	6	17.50	186818	186826	186834		187345	187469

GW3016VS
GW3017VS
GW3019VS



GW3016VX
GW3017VX



GW3016VS

GW3017VS

GW3019VS

GW3016VXX

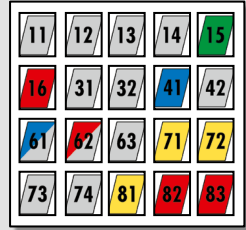
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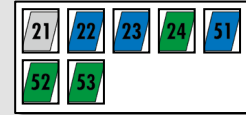
D ₁	P	d ₁	l ₁			l ₃		l ₃		d ₂	h ₅	d ₃	ID			
			2.5 · 3 x D ₁	2.5 x D ₁	3 x D ₁	4 x D ₁	4 x D ₁									
M 0.8	0.2	0.57	39	2.3	2.7	39	3.5	3	0.29	3	0.65	167035	186266	167077	187261	187389
0.9	0.225	0.64	39	2.6	3.0	39	3.9	3	0.33	3	0.70	167036	186267	167078	187262	187390
1	0.25	0.71	39	2.9	3.4	39	4.4	3	0.36	3	0.75	167037	186268	167079	187263	187391
1.2	0.25	0.91	39	3.4	4.0	39	5.2	3	0.56	3	0.95	167038	186269	167080	187264	187392
1.4	0.3	1.06	39	3.9	4.6	39	6.0	3	0.64	3	1.10	167039	186270	167081	187265	187393
1.6	0.35	1.20	39	4.5	5.3	39	6.9	3	0.71	3	1.25	167040	186271	167082	187266	187394
1.8	0.35	1.40	39	5.0	5.9	39	7.7	3	0.91	3	1.45	167041	186272	167083	187267	187395
2	0.4	1.54	39	5.6	6.6	39	8.6	3	0.98	3	1.60	167042	186273	167084	187268	187396
2.5	0.45	1.98	39	6.9	8.1	39	10.6	3	1.35	3	2.05	167043	186274	167085	187269	187397
3	0.5	2.43	51	8.4	9.9	51	12.9	5	1.73	4	2.50	167044	186275	167086	187270	187398
3.5	0.6	2.81	51	9.9	11.6	51	15.1	5	1.97	4	2.90	167045	186276	167087	187271	187399
4	0.7	3.20	51	11.3	13.3	51	17.3	5	2.22	4	3.30	167046	186277	167088	187272	187400
5	0.8	4.08	51	14.0	16.5	51	21.5	5	2.96	4	4.20	167047	186278	167089	187273	187401
6	1	4.85	51	16.8	19.8	51	25.8	5	3.45	4	5.00	167048	186279	167090	187274	187402
8	1.25	5.95	63	23.0	27.0	75	35.0	6*	4.20	5	6.80	175243	186280	175274	187275	187403
10	1.5	7.95	67	28.0	33.0	83	43.0	8*	5.85	5	8.50	175244	186281	175275	187276	187404
12	1.75	9.95	76	34.0	40.0	95	52.0	10*	7.50	5	10.25	175245	186282	175276	187277	187405
14	2	10.95	95	44.0	52.0	120	68.0	12*	8.15	5	12.00	184748	186283	184751	187278	187406
16	2	10.95	95	44.0	52.0	120	68.0	12*	8.15	5	14.00	186813	186821	186829	187279	187407
18	2.5	13.95	105	55.0	65.0	135	85.0	14*	10.45	6	15.50	184503	186284	184754	187280	187408
20	2.5	13.95	105	55.0	65.0	135	85.0	14*	10.45	6	17.50	186814	186822	186830	187281	187409

* tol. h6

GWi3066VS
GWi3067VS
GWi3069VS



GWi3066VX
GWi3067VX



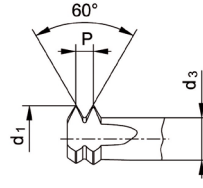
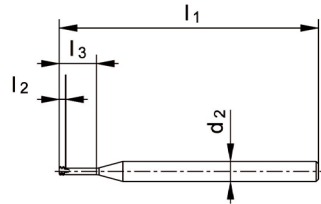
GWi3066VS

GWi3067VS

GWi3069VS

GWi3066VX

GWi3067VX



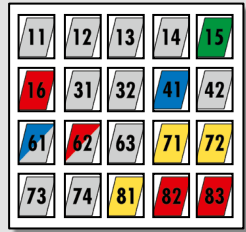
D ₁	P	d ₁	l ₁ 2.5 · 3 x D ₁	l ₃ 2.5 x D ₁	l ₃ 3 x D ₁	l ₁ 4 x D ₁	l ₃ 4 x D ₁	d ₂ h6	d ₃		
MF 2	0.2	1.77	40	5.3	6.3	40	8.3	4	1.49	3	1.80
2	0.25	1.71	40	5.4	6.4	40	8.4	4	1.36	3	1.75
2.5	0.2	2.27	40	6.6	7.8	40	10.3	4	1.99	3	2.30
2.5	0.25	2.21	40	6.6	7.9	40	10.4	4	1.86	3	2.25
3	0.35	2.60	51	8.2	9.7	51	12.7	5	2.11	4	2.65
4	0.5	3.43	51	10.9	12.9	51	16.9	6	2.73	4	3.50
5	0.5	4.43	51	13.4	15.9	51	20.9	8	3.73	4	4.50
6	0.75	4.95	51	16.4	19.4	51	25.4	8	3.90	4	5.25
8	1	5.95	75	22.0	26.0	75	34.0	6	4.55	5	7.00
10	1	7.95	83	27.0	32.0	83	42.0	8	6.55	5	9.00
10	1.25	7.95	83	28.0	33.0	83	43.0	8	6.20	5	8.75
12	1.5	9.95	95	33.0	39.0	95	51.0	10	7.85	5	10.50
14	1.5	10.95	120	43.0	51.0	120	67.0	12	8.85	5	12.50
16	1.5	10.95	120	43.0	51.0	120	67.0	12	8.85	5	14.50
18	1.5	13.95	135	53.0	63.0	135	83.0	14	11.85	6	16.50
20	1.5	13.95	135	53.0	63.0	135	83.0	14	11.85	6	18.50

ID

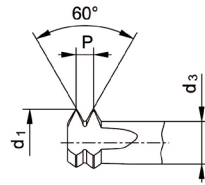
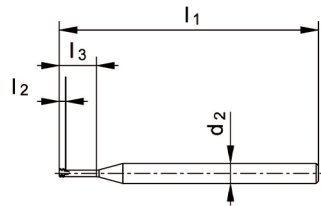
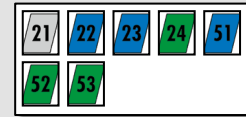


186086	186488	187346	187470
186087	186489	187347	187471
186088	186490	187348	187472
186089	186491	187349	187473
186090	186492	186620	187350
186091	186493	186621	187351
186092	186494	186622	187352
186093	186495	186623	187353
186094	186496	186624	187354
186095	186497	186625	187355
186096	186498	186626	187356
186097	186499	186627	187357
186098	186500	186628	187358
186819	186827	186835	187359
186099	186501	186629	187360
186820	186828	186836	187361

GW3016VS
GW3017VS
GW3019VS



GW3016VX
GW3017VX



GW3016VS

GW3017VS

GW3019VS

GW3016VX

GW3017VX



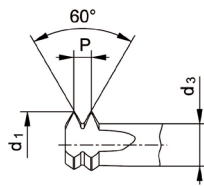
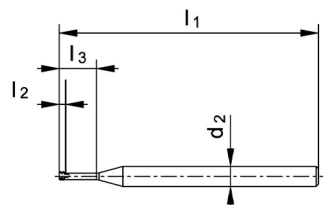
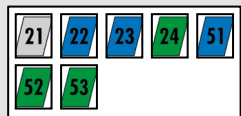
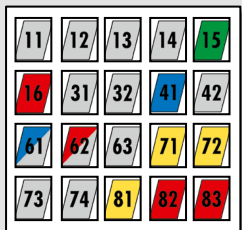
D ₁	P	d ₁	l ₁			l ₃		l ₃		d ₂ h5	d ₃	ID				
			2.5 · 3 x D ₁	2.5 x D ₁	3 x D ₁	4 x D ₁	4 x D ₁									
MF 2	0.2	1.77	39	5.3	6.3	39	8.3	3	1.49	3	1.80	171442	186325	175270	187282	187410
2	0.25	1.71	39	5.4	6.4	39	8.4	3	1.36	3	1.75	186209	186326	186592	187283	187411
2.5	0.2	2.27	39	6.6	7.8	39	10.3	3	1.99	3	2.30	175241	186327	175271	187284	187412
2.5	0.25	2.21	39	6.6	7.9	39	10.4	3	1.86	3	2.25	167299	186328	175272	187285	187413
3	0.35	2.60	51	8.2	9.7	51	12.7	5	2.11	4	2.65	175242	186329	175273	187286	187414
4	0.5	3.43	51	10.9	12.9	51	16.9	5	2.73	4	3.50	184572	186330	186593	187287	187415
5	0.5	4.43	51	13.4	15.9	51	20.9	5	3.73	4	4.50	186210	175199	171033	187288	187416
6	0.75	4.95	51	16.4	19.4	51	25.4	5	3.90	4	5.25	186211	186331	186594	187289	187417
8	1	5.95	63	22.0	26.0	75	34.0	6*	4.55	5	7.00	186212	181233	186595	187290	187418
10	1	7.95	67	27.0	32.0	83	42.0	8*	6.55	5	9.00	186213	186332	186596	187291	187419
10	1.25	7.95	67	28.0	33.0	83	43.0	8*	6.20	5	8.75	186214	186333	186597	187292	187420
12	1.5	9.95	76	33.0	39.0	95	51.0	10*	7.85	5	10.50	186215	186334	186598	187293	187421
14	1.5	10.95	95	43.0	51.0	120	67.0	12*	8.85	5	12.50	186216	186335	186599	187294	187422
16	1.5	10.95	95	43.0	51.0	120	67.0	12*	8.85	5	14.50	186815	186823	186831	187295	187423
18	1.5	13.95	105	53.0	63.0	135	83.0	14*	11.85	6	16.50	186217	186336	186600	187296	187424
20	1.5	13.95	105	53.0	63.0	135	83.0	14*	11.85	6	18.50	186816	186824	186832	187297	187425

* tol. h6

GWi3066VS
GWi3067VS
GWi3069VS



GWi3066VX
GWi3067VX



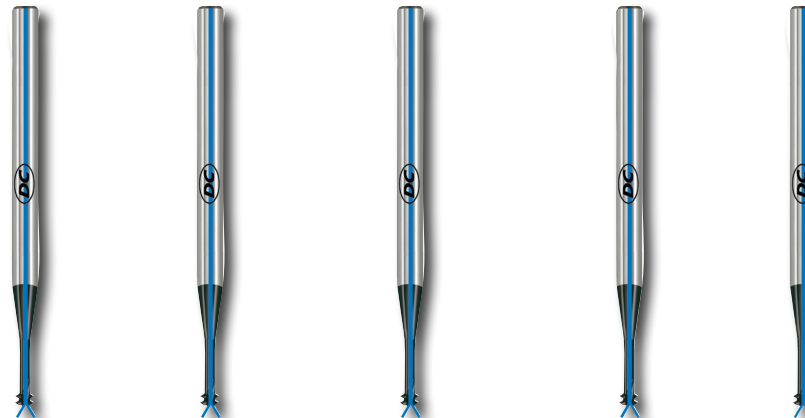
GWi3066VS

GWi3067VS

GWi3069VS

GWi3066VX

GWi3067VX



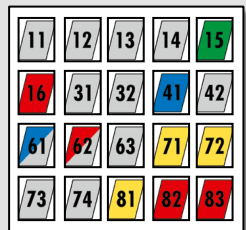
D ₁	P	D ₁	d ₁	l ₁	l ₃	l ₃	l ₁	l ₃	d ₂ h6	d ₃		
TPI		mm		2.5 · 3 x D ₁	2.5 x D ₁	3 x D ₁	4 x D ₁	4 x D ₁				
UNC 2	56	2.18	1.66	40	6.1	7.2	40	9.4	4	1.02	3	1.80
3	48	2.51	1.90	40	7.0	8.3	40	10.8	4	1.16	3	2.00
4	40	2.84	2.11	40	8.0	9.4	40	12.2	5	1.22	3	2.30
5	40	3.17	2.44	51	9.1	10.7	51	13.9	5	1.55	4	2.60
6	32	3.50	2.59	51	10.2	12.0	51	15.5	6	1.48	4	2.80
8	32	4.16	3.25	51	11.9	14.0	51	18.1	6	2.14	4	3.40
10	24	4.82	3.60	51	14.0	16.4	51	21.2	8	2.12	4	3.80
1/4	20	6.35	4.89	51	18.2	21.4	51	27.7	8	3.11	4	5.10
5/16	18	7.93	5.95	75	23.0	27.0	75	35.0	6	3.97	5	6.60
3/8	16	9.52	7.10	83	27.0	32.0	83	41.0	8	4.87	5	8.00
7/16	14	11.11	7.95	83	32.0	37.0	83	48.0	8	5.41	5	9.30
1/2	13	12.70	9.95	95	36.0	42.0	95	55.0	10	7.21	5	10.80

ID

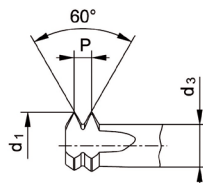
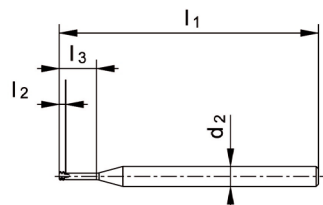
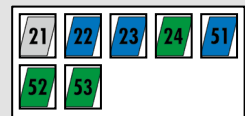


186128		187362	
186129		187363	
186130	186526	187364	187486
186131	186527	187365	187487
186132	186528	186630	187366
186133	186529	186631	187367
186134	186530	186632	187368
186135	186531	186633	187369
186136	186532	186634	187370
186137	186533	186635	187371
186138	186534	186636	187372
186139	186535	186637	187373
186140	186536	186638	187374

GW3016VS
GW3017VS
GW3019VS



GW3016VX
GW3017VX



GW3016VS

GW3017VS

GW3019VS

GW3016VX

GW3017VX



D ₁	P	D ₁	d ₁	l ₁	l ₃	l ₃	l ₁	l ₃	d ₂ h5	d ₃		
TPI		mm		2.5 · 3 x D ₁	2.5 x D ₁	3 x D ₁	4 x D ₁	4 x D ₁				
UNC 2	56	2.18	1.66	39	6.1	7.2	39	9.4	3	1.02	3	1.80
3	48	2.51	1.90	39	7.0	8.3	39	10.8	3	1.16	3	2.00
4	40	2.84	2.11	39	8.0	9.4	39	12.2	3	1.22	3	2.30
5	40	3.17	2.44	51	9.1	10.7	51	13.9	5	1.55	4	2.60
6	32	3.50	2.59	51	10.2	12.0	51	15.5	5	1.48	4	2.80
8	32	4.16	3.25	51	11.9	14.0	51	18.1	5	2.14	4	3.40
10	24	4.82	3.60	51	14.0	16.4	51	21.2	5	2.12	4	3.80
1/4	20	6.35	4.89	51	18.2	21.4	51	27.7	5	3.11	4	5.10
5/16	18	7.93	5.95	63	23.0	27.0	75	35.0	6*	3.97	5	6.60
3/8	16	9.52	7.10	67	27.0	32.0	83	41.0	8*	4.87	5	8.00
7/16	14	11.11	7.95	67	32.0	37.0	83	48.0	8*	5.41	5	9.30
1/2	13	12.70	9.95	76	36.0	42.0	95	55.0	10*	7.21	5	10.80

* tol. h6

ID

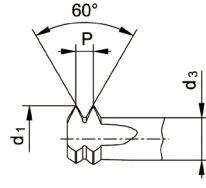
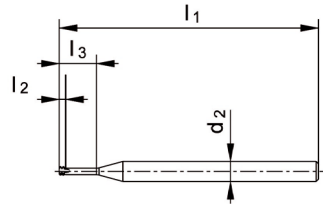
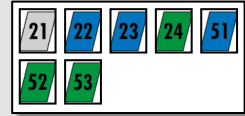
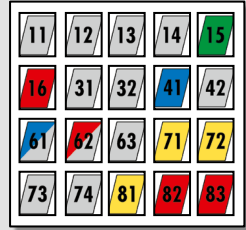


167500	186365	167507	187298	187426
186236	186366	186601	187299	187427
167501	186367	167508	187300	187428
186237	186368	186602	187301	187429
167502	186369	167509	187302	187430
167503	186370	167510	187303	187431
173986	186371	173979	187304	187432
186238	186372	186603	187305	187433
167504	186373	167511	187306	187434
175246	186374	175277	187307	187435
173546	186375	175278	187308	187436
186239	186376	186604	187309	187437
175247	186377	175279	187310	187438

GWi3066VS
GWi3067VS
GWi3069VS



GWi3066VX
GWi3067VX



GWi3066VS

GWi3067VS

GWi3069VS

GWi3066VX

GWi3067VX



D ₁	P	D ₁	d ₁	l ₁	l ₃	l ₃	l ₁	l ₃	d ₂ h6	d ₃		
TPI		mm		2.5 · 3 x D ₁	2.5 x D ₁	3 x D ₁	4 x D ₁	4 x D ₁				
UNF 0	80	1.52	1.15	40	4.3	5.0	40	6.6	4	0.71	3	1.20
1	72	1.85	1.44	40	5.1	6.1	40	7.9	4	0.95	3	1.50
2	64	2.18	1.72	40	6.0	7.1	40	9.3	4	1.16	3	1.80
4	48	2.84	2.23	40	7.9	9.3	40	12.1	5	1.49	3	2.40
5	44	3.17	2.51	51	9.0	10.6	51	13.8	5	1.70	4	2.60
6	40	3.50	2.77	51	10.0	11.7	51	15.2	6	1.88	4	2.90
8	36	4.16	3.35	51	11.7	13.8	51	18.0	6	2.36	4	3.50
10	32	4.82	3.91	51	13.5	15.9	51	20.8	8	2.80	4	4.10
1/4	28	6.35	4.95	51	17.6	20.7	51	27.1	8	3.68	4	5.50
5/16	24	7.93	5.95	75	22.0	26.0	75	34.0	6	4.47	5	6.90
3/8	24	9.52	7.10	83	26.0	31.0	83	40.0	8	5.62	5	8.50
7/16	20	11.11	7.95	83	31.0	36.0	83	47.0	8	6.17	5	9.90
1/2	20	12.70	9.95	95	35.0	41.0	95	54.0	10	8.17	5	11.50

ID



186167			187375	
186168			187376	
186169			187377	
186170	186559		187378	187497
186171	186560		187379	187498
186172	186561	186639	187380	187499
186173	186562	186640	187381	187500
186174	186563	186641	187382	187501
186175	186564	186642	187383	187502
186176	186565	186643	187384	187503
186177	186566	186644	187385	187504
186178	186567	186645	187386	187505
186179	186568	186646	187387	187506
186180	186569	186647	187388	187507

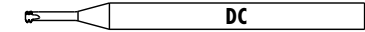
UNF

ANSI B1.1

GW

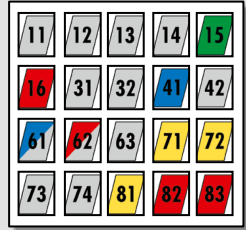
VHM
CAR

< 3µm

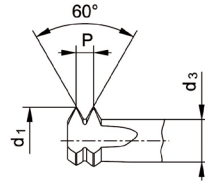
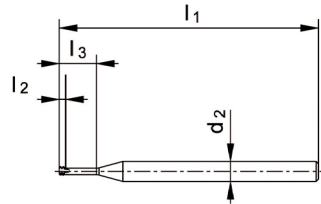
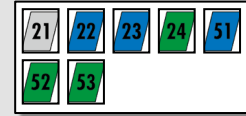


h5/h6

GW3016VS
GW3017VS
GW3019VS



GW3016VX
GW3017VX



GW3016VS

GW3017VS

GW3019VS

GW3016VX

GW3017VX



D ₁	P	D ₁	d ₁	l ₁	l ₃	l ₃	l ₁	l ₃	d ₂ h5	d ₃		
TPI		mm		2.5 · 3 x D ₁	2.5 x D ₁	3 x D ₁	4 x D ₁	4 x D ₁				
UNF 0	80	1.52	1.15	39	4.3	5.0	39	6.6	3	0.71	3	1.20
1	72	1.85	1.44	39	5.1	6.1	39	7.9	3	0.95	3	1.50
2	64	2.18	1.72	39	6.0	7.1	39	9.3	3	1.16	3	1.80
4	48	2.84	2.23	39	7.9	9.3	39	12.1	3	1.49	3	2.40
5	44	3.17	2.51	51	9.0	10.6	51	13.8	5	1.70	4	2.60
6	40	3.50	2.77	51	10.0	11.7	51	15.2	5	1.88	4	2.90
10	32	4.82	3.91	51	13.5	15.9	51	20.8	5	2.80	4	4.10
1/4	28	6.35	4.95	51	17.6	20.7	51	27.1	5	3.68	4	5.50
5/16	24	7.93	5.95	63	22.0	26.0	75	34.0	6*	4.47	5	6.90
3/8	24	9.52	7.10	67	26.0	31.0	83	40.0	8*	5.62	5	8.50
7/16	20	11.11	7.95	67	31.0	36.0	83	47.0	8*	6.17	5	9.90
1/2	20	12.70	9.95	76	35.0	41.0	95	54.0	10*	8.17	5	11.50

4. H6 h6

ID



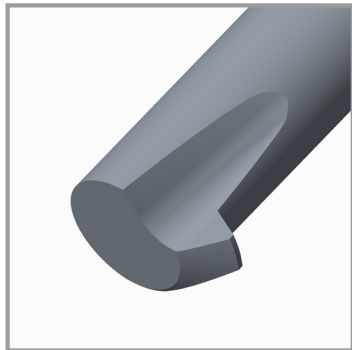
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186248	186406	186605	187313	187441
175250	186407	172376	187314	187442
186249	186408	169815	187315	187443
186250	186409	186606	187316	187444
175251	186410	175282	187317	187445
167505	184633	167512	187318	187446
186251	186411	186607	187319	187447
167506	186412	167513	187320	187448
175252	186413	175283	187321	187449
175253	186414	175284	187322	187450
186252	186415	186608	187323	187451
186253	186416	186609	187324	187452



VASTO PROGRAMMA PER LA FRESATURA DI FILETTI

GW
SERIES 1000

VS

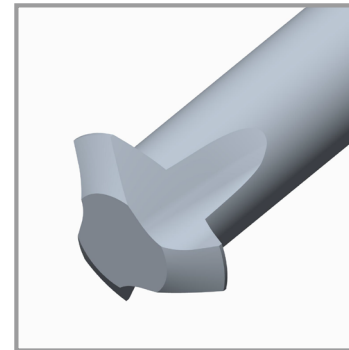


GW1116 / GW1116VS

S 0.3 – S 1.4

GW
SERIES 2000

VS



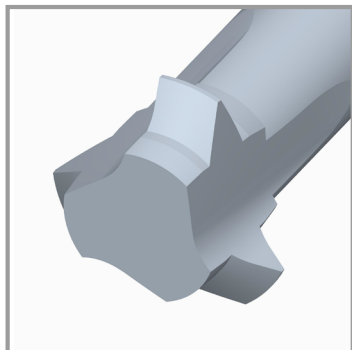
GW2016 / GW2016VS

M 0.8 – M 6

S 0.8 – S 1.4

GW
SERIES 4000

VS



GW4116 / GW4116VS

GW4119 / GW4119VS

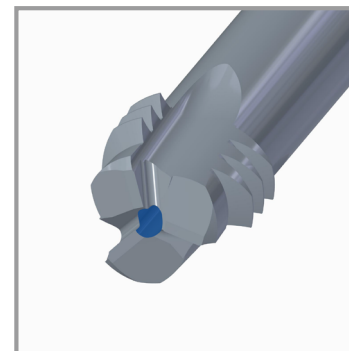
M 0.8 – M 6

UNC 2-56 – UNC 1/4-20

UNF 10-32 – UNF 1/4-28

ZBGF

VS



ZBGF6065VS / ZBGF6067VS

M 3 – M 16

UNC 4-40 – UNC 5/8-11

UNF 4-48 – UNF 5/8-18





THREADING SOLUTIONS

► CALIBRI FILETTATI



► MASCHI AD ASPORTAZIONE



► MASCHI A RULLARE



► FRESE A FILETTARE



► MANDRINI PER MASCHIATURA



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