



Micro Punta - per grandi prestazioni !

WX-MS-GDS
241 Dimensioni

NEXUS-GDS
667 Dimensioni

DA
Dia 0,2 mm
con 0,01 mm
INCREMENTO

The advertisement features a central collage of images. On the left, a series of silver drill bits of increasing size are shown against a green background. On the right, a series of gold-colored drill bits are shown against a dark background. A circular inset in the center shows a close-up of a drill bit cutting into a metal component. Another circular inset at the bottom right shows a drill bit cutting into a printed circuit board (PCB). The overall design is dynamic and emphasizes precision and variety.

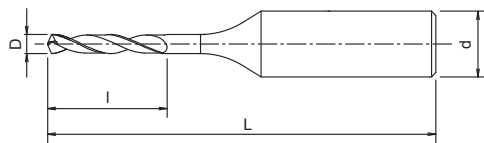
Punte

※ ALTA PRESTAZIONE ※ Carburo micrograna

WX-MS-GDS



0 ~ -0,01



EDP	D	L	l	d	€
3300020	0,20	38	1,5	3	
3300021	0,21	38	1,5	3	
3300022	0,22	38	1,5	3	
3300023	0,23	38	1,5	3	
3300024	0,24	38	1,5	3	
3300025	0,25	38	1,5	3	
3300026	0,26	38	1,5	3	
3300027	0,27	38	1,5	3	
3300028	0,28	38	1,5	3	
3300029	0,29	38	1,5	3	
3300030	0,30	38	1,5	3	
3300031	0,31	38	2	3	
3300032	0,32	38	2	3	
3300033	0,33	38	2	3	
3300034	0,34	38	2	3	
3300035	0,35	38	2	3	
3300036	0,36	38	2	3	
3300037	0,37	38	2	3	
3300038	0,38	38	2	3	
3300039	0,39	38	2,5	3	
3300040	0,40	38	2,5	3	
3300041	0,41	38	2,5	3	
3300042	0,42	38	2,5	3	
3300043	0,43	38	2,5	3	
3300044	0,44	38	2,5	3	
3300045	0,45	38	2,5	3	
3300046	0,46	38	2,5	3	
3300047	0,47	38	2,5	3	
3300048	0,48	38	2,5	3	
3300049	0,49	38	3	3	
3300050	0,50	38	3	3	
3300051	0,51	38	3	3	
3300052	0,52	38	3	3	
300053	0,53	38	3	3	
3300054	0,54	38	3,5	3	
3300055	0,55	38	3,5	3	
3300056	0,56	38	3,5	3	
3300057	0,57	38	3,5	3	
3300058	0,58	38	3,5	3	

EDP	D	L	l	d	€
3300059	0,59	38	3,5	3	
3300060	0,60	38	3,5	3	
3300061	0,61	38	4	3	
3300062	0,62	38	4	3	
3300063	0,63	38	4	3	
3300064	0,64	38	4	3	
3300065	0,65	38	4	3	
3300066	0,66	38	4	3	
3300067	0,67	38	4	3	
3300068	0,68	38	4,5	3	
3300069	0,69	38	4,5	3	
3300070	0,70	38	4,5	3	
3300071	0,71	38	4,5	3	
3300072	0,72	38	4,5	3	
3300073	0,73	38	4,5	3	
3300074	0,74	38	4,5	3	
3300075	0,75	38	4,5	3	
3300076	0,76	38	5	3	
3300077	0,77	38	5	3	
3300078	0,78	38	5	3	
3300079	0,79	38	5	3	
3300080	0,80	38	5	3	
3300081	0,81	38	5	3	
3300082	0,82	38	5	3	
3300083	0,83	38	5	3	
3300084	0,84	38	5	3	
3300085	0,85	38	5	3	
3300086	0,86	38	5,5	3	
3300087	0,87	38	5,5	3	
3300088	0,88	38	5,5	3	
3300089	0,89	38	5,5	3	
3300090	0,90	38	5,5	3	
3300091	0,91	38	5,5	3	
3300092	0,92	38	5,5	3	
3300093	0,93	38	5,5	3	
3300094	0,94	38	5,5	3	
3300095	0,95	38	5,5	3	
3300096	0,96	38	6,0	3	
3300097	0,97	38	6,0	3	

Punte

EDP	D	L	I	d	€
3300098	0,98	38	6,0	3	
3300099	0,99	38	6,0	3	
3300100	1,00	38	6,0	3	
3300101	1,01	38	6,0	3	
3300102	1,02	38	6,0	3	
3300103	1,03	38	6,0	3	
3300104	1,04	38	6,0	3	
3300105	1,05	38	6,0	3	
3300106	1,06	38	6,0	3	
3300107	1,07	42	7,0	3	
3300108	1,08	42	7,0	3	
3300109	1,09	42	7,0	3	
3300110	1,10	42	7,0	3	
3300111	1,11	42	7,0	3	
3300112	1,12	42	7,0	3	
3300113	1,13	42	7,0	3	
3300114	1,14	42	7,0	3	
3300115	1,15	42	7,0	3	
3300116	1,16	42	7,0	3	
3300117	1,17	42	7,0	3	
3300118	1,18	42	7,0	3	
3300119	1,19	42	8	3	
3300120	1,20	42	8	3	
3300121	1,21	42	8	3	
3300122	1,22	42	8	3	
3300123	1,23	42	8	3	
3300124	1,24	42	8	3	
3300125	1,25	42	8	3	
3300126	1,26	42	8	3	
3300127	1,27	42	8	3	
3300128	1,28	42	8	3	
3300129	1,29	42	8	3	
3300130	1,30	42	8	3	
3300131	1,31	42	8	3	
3300132	1,32	42	8	3	
3300133	1,33	42	9	3	
3300134	1,34	42	9	3	
3300135	1,35	42	9	3	
3300136	1,36	42	9	3	
3300137	1,37	42	9	3	
3300138	1,38	42	9	3	
3300139	1,39	42	9	3	
3300140	1,40	42	9	3	
3300141	1,41	42	9	3	
3300142	1,42	42	9	3	
3300143	1,43	42	9	3	
3300144	1,44	42	9	3	
3300145	1,45	42	9	3	

EDP	D	L	I	d	€
3300146	1,46	42	9	3	
3300147	1,47	42	9	3	
3300148	1,48	42	9	3	
3300149	1,49	42	9	3	
3300150	1,50	42	9	3	
3300151	1,51	42	10	3	
3300152	1,52	42	10	3	
3300153	1,53	42	10	3	
3300154	1,54	42	10	3	
3300155	1,55	42	10	3	
3300156	1,56	42	10	3	
3300157	1,57	42	10	3	
3300158	1,58	42	10	3	
3300159	1,59	42	10	3	
3300160	1,60	42	10	3	
3300161	1,61	42	10	3	
3300162	1,62	42	10	3	
3300163	1,63	42	10	3	
3300164	1,64	42	10	3	
3300165	1,65	42	10	3	
3300166	1,66	42	10	3	
3300167	1,67	42	10	3	
3300168	1,68	42	10	3	
3300169	1,69	42	10	3	
3300170	1,70	42	10	3	
3300171	1,71	42	11	3	
3300172	1,72	42	11	3	
3300173	1,73	42	11	3	
3300174	1,74	42	11	3	
3300175	1,75	42	11	3	
3300176	1,76	42	11	3	
3300177	1,77	42	11	3	
3300178	1,78	42	11	3	
3300179	1,79	42	11	3	
3300180	1,80	42	11	3	
3300181	1,81	42	11	3	
3300182	1,82	42	11	3	
3300183	1,83	42	11	3	
3300184	1,84	42	11	3	
3300185	1,85	42	11	3	
3300186	1,86	42	11	3	
3300187	1,87	42	11	3	
3300188	1,88	42	11	3	
3300189	1,89	42	11	3	
3300190	1,90	42	11	3	
3300191	1,91	50	12	3	
3300192	1,92	50	12	3	
3300193	1,93	50	12	3	

Punte

EDP	D	L	l	d	€
3300194	1,94	50	12	3	
3300195	1,95	50	12	3	
3300196	1,96	50	12	3	
3300197	1,97	50	12	3	
3300198	1,98	50	12	3	
3300199	1,99	50	12	3	
3300200	2,00	50	12	3	
3300205	2,05	50	12	3	
3300210	2,10	50	12	3	
3300215	2,15	50	13	3	
3300220	2,20	50	13	3	
3300225	2,25	50	13	3	
3300230	2,30	50	13	3	
3300235	2,35	50	13	3	
3300240	2,40	50	14	3	
3300245	2,45	50	14	3	
3300250	2,50	50	14	3	
3300255	2,55	50	14	3	
3300260	2,60	50	14	3	
3300265	2,65	50	14	3	
3300270	2,70	50	16	3	
3300275	2,75	50	16	3	
3300280	2,80	50	16	3	
3300285	2,85	50	16	3	
3300290	2,90	50	16	3	
3300295	2,95	50	16	3	
3300300	3,00	50	16	3	
3300305	3,05	56	18	4	
3300310	3,10	56	18	4	
3300315	3,15	56	18	4	
3300320	3,20	56	18	4	
3300325	3,25	56	18	4	
3300330	3,30	56	18	4	
3300335	3,35	56	18	4	

EDP	D	L	l	d	€
3300340	3,40	56	20	4	
3300345	3,45	56	20	4	
3300350	3,50	56	20	4	
3300355	3,55	56	20	4	
3300360	3,60	56	20	4	
3300365	3,65	56	20	4	
3300370	3,70	56	20	4	
3300375	3,75	56	20	4	
3300380	3,80	56	22	4	
3300385	3,85	56	22	4	
3300390	3,90	56	22	4	
3300395	3,95	56	22	4	
3300400	4,00	56	22	4	
3300405	4,05	64	22	5	
3300410	4,10	64	22	5	
3300415	4,15	64	22	5	
3300420	4,20	64	22	5	
3300425	4,25	64	22	5	
3300430	4,30	64	24	5	
3300435	4,35	64	24	5	
3300440	4,40	64	24	5	
3300445	4,45	64	24	5	
3300450	4,50	64	24	5	
3300455	4,55	64	24	5	
3300460	4,60	64	24	5	
3300465	4,65	64	24	5	
3300470	4,70	64	24	5	
3300475	4,75	64	24	5	
3300480	4,80	64	26	5	
3300485	4,85	64	26	5	
3300490	4,90	64	26	5	
3300495	4,95	64	26	5	
3300500	5,00	64	26	5	

Applicazioni									
WX-MS-GDS	C0<0.2%	0.25<C<0.4%	C>0.45%	SCM	~35 HRC	35~45 HRC	45~50 HRC	50~70 HRC	SUS
	●	●	○	○					○
	SKD	GG	GGG	Cu	Al	AC	Ti	TiAl	Inl
	○		●	●	●	○	○		

Condizioni di Foratura

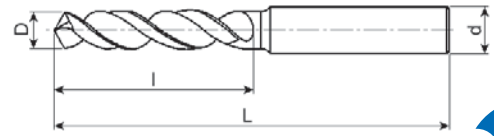
WX-MS-GDS

Materiale	C<0.2%		SCM		SCM		Kovart		Cu		Al		AC	
	S15C-S50C ~900N/mm ²		SCM440 ~1060N/mm ²		SUS410 SUS440 SUJ2		FE-NI-CO		C1020 C2600		A5052 7075		AC4C-ADC	
Velocità di foratura	20~80m/min		20~56m/min		20~36m/min		20~45m/min		20~45m/min		32~80m/min		32~63m/min	
Ø	S. (min ⁻¹)	F. (mm/rev.)	S. (min ⁻¹)	F. (mm/rev.)	S. (min ⁻¹)	F. (mm/rev.)	S. (min ⁻¹)	F. (mm/rev.)	S. (min ⁻¹)	F. (mm/rev.)	S. (min ⁻¹)	F. (mm/rev.)	S. (min ⁻¹)	F. (mm/rev.)
0.2	25.000	0.002	25.000	0.002	25.000	0.002	25.000	0.002	25.000	0.002	25.000	0.004	25.000	0.002
0.3	20.000	0.003	20.000	0.003	20.000	0.003	20.000	0.003	20.000	0.003	20.000	0.007	20.000	0.003
0.5	15.000	0.007	14.000	0.007	13.000	0.007	13.000	0.007	13.000	0.007	15.000	0.015	15.000	0.007
1	12.000	0.020	11.000	0.020	10.000	0.020	6.400	0.010	6.400	0.010	12.000	0.030	12.000	0.010
1.5	10.000	0.02~0.04	8.400	0.02~0.04	6.800	0.03~0.05	4.800	0.012~0.03	4.800	0.012~0.03	10.000	0.03~0.08	10.000	0.12~0.03
2	8.000	0.03~0.05	6.500	0.03~0.05	5.000	0.04~0.06	4.000	0.016~0.04	4.000	0.016~0.04	8.000	0.04~0.01	8.000	0.016~0.04
3	5.500	0.04~0.07	4.500	0.04~0.07	3.400	0.06~0.09	3.000	0.024~0.06	3.000	0.024~0.06	6.500	0.06~0.15	6.500	0.024~0.06
4	4.000	0.06~0.10	3.200	0.06~0.10	2.500	0.08~0.12	2.500	0.03~0.08	2.500	0.03~0.08	5.000	0.08~0.20	5.000	0.03~0.08
5	3.200	0.07~0.12	2.600	0.07~0.12	2.000	0.10~0.15	2.000	0.04~0.10	2.000	0.04~0.10	4.000	0.10~0.25	4.000	0.04~0.10

Punte

- ※ **ALTA PRESTAZIONE** ※ EX GOLD DRILL ※ Da 0.01 alla D 0.5~6
 ※ Il disegno speciale dell'elica della punta da origine a trucioli corti
 ※ Per macchine CNC con avanzamento e velocità rapida

EX-SUS-GDS



EDP	D	L	l	d	€
61505	0.5	38	3	3	
8595051	0.51	38	3	3	
8595052	0.52	38	3	3	
8595053	0.53	38	3	3	
8595054	0.54	38	3.5	3	
8595055	0.55	38	3.5	3	
8595056	0.56	38	3.5	3	
8595057	0.57	38	3.5	3	
8595058	0.58	38	3.5	3	
8595059	0.59	38	3.5	3	
61506	0.6	38	3.5	3	
8595061	0.61	38	4	3	
8595062	0.62	38	4	3	
8595063	0.63	38	4	3	
8595064	0.64	38	4	3	
8595065	0.65	38	4	3	
8595066	0.66	38	4	3	
8595067	0.67	38	4	3	
8595068	0.68	38	4.5	3	
8595069	0.69	38	4.5	3	
61507	0.7	38	4.5	3	
8595071	0.71	38	4.5	3	
8595072	0.72	38	4.5	3	
8595073	0.73	38	4.5	3	
8595074	0.74	38	4.5	3	
8595075	0.75	38	4.5	3	
8595076	0.76	38	5	3	
8595077	0.77	38	5	3	
8595078	0.78	38	5	3	
8595079	0.79	38	5	3	
61508	0.8	38	5	3	
8595081	0.81	38	5	3	
8595082	0.82	38	5	3	
8595083	0.83	38	5	3	
8595084	0.84	38	5	3	
8595085	0.85	38	5	3	
8595086	0.86	38	5.5	3	
8595087	0.87	38	5.5	3	
8595088	0.88	38	5.5	3	
8595089	0.89	38	5.5	3	
61509	0.9	38	5.5	3	
8595091	0.91	38	5.5	3	
8595092	0.92	38	5.5	3	
8595093	0.93	38	5.5	3	
8595094	0.94	38	5.5	3	
8595095	0.95	38	6	3	

EDP	D	L	l	d	€
8595096	0.96	38	6	3	
8595097	0.97	38	6	3	
8595098	0.98	38	6	3	
8595099	0.99	38	6	3	
61510	1	38	6	3	
8595101	1.01	38	6	3	
8595102	1.02	38	6	3	
8595103	1.03	38	6	3	
8595104	1.04	38	6	3	
8595105	1.05	38	6	3	
8595106	1.06	38	6	3	
8595107	1.07	39	7	3	
8595108	1.08	39	7	3	
8595109	1.09	39	7	3	
61511	1.1	39	7	3	
8595111	1.11	39	7	3	
8595112	1.12	39	7	3	
8595113	1.13	39	7	3	
8595114	1.14	39	7	3	
8595115	1.15	39	7	3	
8595116	1.16	39	7	3	
8595117	1.17	39	7	3	
8595118	1.18	39	7	3	
8595119	1.19	40	8	3	
65512	1.2	40	8	3	
8595121	1.21	40	8	3	
8595122	1.22	40	8	3	
8595123	1.23	40	8	3	
8595124	1.24	40	8	3	
8595125	1.25	40	8	3	
8595126	1.26	40	8	3	
8595127	1.27	40	8	3	
8595128	1.28	40	8	3	
8595129	1.29	40	8	3	
61513	1.3	40	8	3	
8595131	1.31	40	8	3	
8595132	1.32	40	8	3	
8595133	1.33	41	9	3	
8595134	1.34	41	9	3	
8595135	1.35	41	9	3	
8595136	1.36	41	9	3	
8595137	1.37	41	9	3	
8595138	1.38	41	9	3	
8595139	1.39	41	9	3	
61514	1.4	41	9	3	
8595141	1.41	41	9	3	

Punte

EDP	D	L	I	d	€
8595142	1.42	41	9	3	
8595143	1.43	41	9	3	
8595144	1.44	41	9	3	
8595145	1.45	41	9	3	
8595146	1.46	41	9	3	
8595147	1.47	41	9	3	
8595148	1.48	41	9	3	
8595149	1.49	41	9	3	
61515	1.5	41	9	3	
8595151	1.51	42	10	3	
8595152	1.52	42	10	3	
8595153	1.53	42	10	3	
8595154	1.54	42	10	3	
8595155	1.55	42	10	3	
8595156	1.56	42	10	3	
8595157	1.57	42	10	3	
8595158	1.58	42	10	3	
8595159	1.59	42	10	3	
61516	1.6	42	10	3	
8595161	1.61	42	10	3	
8595162	1.62	42	10	3	
8595163	1.63	42	10	3	
8595164	1.64	42	10	3	
8595165	1.65	42	10	3	
8595166	1.66	42	10	3	
8595167	1.67	42	10	3	
8595168	1.68	42	10	3	
8595169	1.69	42	10	3	
61517	1.7	42	10	3	
8595171	1.71	43	11	3	
8595172	1.72	43	11	3	
8595173	1.73	43	11	3	
8595174	1.74	43	11	3	
8595175	1.75	43	11	3	
8595176	1.76	43	11	3	
8595177	1.77	43	11	3	
8595178	1.78	43	11	3	
8595179	1.79	43	11	3	
61518	1.8	43	11	3	
8595181	1.81	43	11	3	
8595182	1.82	43	11	3	
8595183	1.83	43	11	3	
8595184	1.84	43	11	3	
8595185	1.85	43	11	3	
8595186	1.86	43	11	3	
8595187	1.87	43	11	3	
8595188	1.88	43	11	3	
8595189	1.89	43	11	3	
61519	1.9	43	11	3	
8595191	1.91	44	12	3	
8595192	1.92	44	12	3	
8595193	1.93	44	12	3	
8595194	1.94	44	12	3	
8595195	1.95	44	12	3	
8595196	1.96	44	12	3	
8595197	1.97	44	12	3	
8595198	1.98	44	12	3	
8595199	1.99	44	12	3	

EDP	D	L	I	d	€
61520	2	44	12	3	
8595201	2.01	44	12	3	
8595202	2.02	44	12	3	
8595203	2.03	44	12	3	
8595204	2.04	44	12	3	
8595205	2.05	44	12	3	
8595206	2.06	44	12	3	
8595207	2.07	44	12	3	
8595208	2.08	44	12	3	
8595209	2.09	44	12	3	
61521	2.1	44	12	3	
8595211	2.11	44	12	3	
8595212	2.12	44	12	3	
8595213	2.13	45	13	3	
8595214	2.14	45	13	3	
8595215	2.15	45	13	3	
8595216	2.16	45	13	3	
8595217	2.17	45	13	3	
8595218	2.18	45	13	3	
8595219	2.19	45	13	3	
61522	2.2	45	13	3	
8595221	2.21	45	13	3	
8595222	2.22	45	13	3	
8595223	2.23	45	13	3	
8595224	2.24	45	13	3	
8595225	2.25	45	13	3	
8595226	2.26	45	13	3	
8595227	2.27	45	13	3	
8595228	2.28	45	13	3	
8595229	2.29	45	13	3	
61523	2.3	45	13	3	
8595231	2.31	45	13	3	
8595232	2.32	45	13	3	
8595233	2.33	45	13	3	
8595234	2.34	45	13	3	
8595235	2.35	45	13	3	
8595236	2.36	45	13	3	
8595237	2.37	46	14	3	
8595238	2.38	46	14	3	
8595239	2.39	46	14	3	
61524	2.4	46	14	3	
8595241	2.41	46	14	3	
8595242	2.42	46	14	3	
8595243	2.43	46	14	3	
8595244	2.44	46	14	3	
8595245	2.45	46	14	3	
8595246	2.46	46	14	3	
8595247	2.47	46	14	3	
8595248	2.48	46	14	3	
8595249	2.49	46	14	3	
61525	2.5	46	14	3	
8595251	2.51	46	14	3	
8595252	2.52	46	14	3	
8595253	2.53	46	14	3	
8595254	2.54	46	14	3	
8595255	2.55	46	14	3	
8595256	2.56	46	14	3	
8595257	2.57	46	14	3	

Punte

EDP	D	L	I	d	€
8595258	2.58	46	14	3	
8595259	2.59	46	14	3	
61526	2.6	46	14	3	
8595261	2.61	46	14	3	
8595262	2.62	46	14	3	
8595263	2.63	46	14	3	
8595264	2.64	46	14	3	
8595265	2.65	46	14	3	
8595266	2.66	48	16	3	
8595267	2.67	48	16	3	
8595268	2.68	48	16	3	
8595269	2.69	48	16	3	
61527	2.7	48	16	3	
8595271	2.71	48	16	3	
8595272	2.72	48	16	3	
8595273	2.73	48	16	3	
8595274	2.74	48	16	3	
8595275	2.75	48	16	3	
8595276	2.76	48	16	3	
8595277	2.77	48	16	3	
8595278	2.78	48	16	3	
8595279	2.79	48	16	3	
61528	2.8	48	16	3	
8595281	2.81	48	16	3	
8595282	2.82	48	16	3	
8595283	2.83	48	16	3	
8595284	2.84	48	16	3	
8595285	2.85	48	16	3	
8595286	2.86	48	16	3	
8595287	2.87	48	16	3	
8595288	2.88	48	16	3	
8595289	2.89	48	16	3	
61529	2.9	48	16	3	
8595291	2.91	48	16	3	
8595292	2.92	48	16	3	
8595293	2.93	48	16	3	
8595294	2.94	48	16	3	
8595295	2.95	48	16	3	
8595296	2.96	48	16	3	
8595297	2.97	48	16	3	
8595298	2.98	48	16	3	
8595299	2.99	48	16	3	
61530	3	48	16	3	
8595301	3.01	50	18	4	
8595302	3.02	50	18	4	
8595303	3.03	50	18	4	
8595304	3.04	50	18	4	
8595305	3.05	50	18	4	
8595306	3.06	50	18	4	
8595307	3.07	50	18	4	
8595308	3.08	50	18	4	
8595309	3.09	50	18	4	
61531	3.1	50	18	4	
8595311	3.11	50	18	4	
8595312	3.12	50	18	4	
8595313	3.13	50	18	4	
8595314	3.14	50	18	4	

EDP	D	L	I	d	€
8595315	3.15	50	18	4	
8595316	3.16	50	18	4	
8595317	3.17	50	18	4	
8595318	3.18	50	18	4	
8595319	3.19	50	18	4	
61532	3.2	50	18	4	
8595321	3.21	50	18	4	
8595322	3.22	50	18	4	
8595323	3.23	50	18	4	
8595324	3.24	50	18	4	
8595325	3.25	50	18	4	
8595326	3.26	50	18	4	
8595327	3.27	50	18	4	
8595328	3.28	50	18	4	
8595329	3.29	50	18	4	
61533	3.3	50	18	4	
8595331	3.31	50	18	4	
8595332	3.32	50	18	4	
8595333	3.33	50	18	4	
8595334	3.34	50	18	4	
8595335	3.35	50	18	4	
8595336	3.36	52	20	4	
8595337	3.37	52	20	4	
8595338	3.38	52	20	4	
8595339	3.39	52	20	4	
61534	3.4	52	20	4	
8595341	3.41	52	20	4	
8595342	3.42	52	20	4	
8595343	3.43	52	20	4	
8595344	3.44	52	20	4	
8595345	3.45	52	20	4	
8595346	3.46	52	20	4	
8595347	3.47	52	20	4	
8595348	3.48	52	20	4	
8595349	3.49	52	20	4	
61535	3.5	52	20	4	
8595351	3.51	52	20	4	
8595352	3.52	52	20	4	
8595353	3.53	52	20	4	
8595354	3.54	52	20	4	
8595355	3.55	52	20	4	
8595356	3.56	52	20	4	
8595357	3.57	52	20	4	
8595358	3.58	52	20	4	
8595359	3.59	52	20	4	
61536	3.6	52	20	4	
8595361	3.61	52	20	4	
8595362	3.62	52	20	4	
8595363	3.63	52	20	4	
8595364	3.64	52	20	4	
8595365	3.65	52	20	4	
8595366	3.66	52	20	4	
8595367	3.67	52	20	4	
8595368	3.68	52	20	4	
8595369	3.69	52	20	4	
61537	3.7	52	20	4	
8595371	3.71	52	20	4	

Punte

EDP	D	L	I	d	€
8595372	3.72	52	20	4	
8595373	3.73	52	20	4	
8595374	3.74	52	20	4	
8595375	3.75	52	20	4	
8595376	3.76	54	22	4	
8595377	3.77	54	22	4	
8595378	3.78	54	22	4	
8595379	3.79	54	22	4	
61538	3.8	54	22	4	
8595381	3.81	54	22	4	
8595382	3.82	54	22	4	
8595383	3.83	54	22	4	
8595384	3.84	54	22	4	
8595385	3.85	54	22	4	
8595386	3.86	54	22	4	
8595387	3.87	54	22	4	
8595388	3.88	54	22	4	
8595389	3.89	54	22	4	
61539	3.9	54	22	4	
8595391	3.91	54	22	4	
8595392	3.92	54	22	4	
8595393	3.93	54	22	4	
8595394	3.94	54	22	4	
8595395	3.95	54	22	4	
8595396	3.96	54	22	4	
8595397	3.97	54	22	4	
8595398	3.98	54	22	4	
8595399	3.99	54	22	4	
61540	4	54	22	4	
8595401	4.01	66	22	6	
8595402	4.02	66	22	6	
8595403	4.03	66	22	6	
8595404	4.04	66	22	6	
8595405	4.05	66	22	6	
8595406	4.06	66	22	6	
8595407	4.07	66	22	6	
8595408	4.08	66	22	6	
8595409	4.09	66	22	6	
61541	4.1	66	22	6	
8595411	4.11	66	22	6	
8595412	4.12	66	22	6	
8595413	4.13	66	22	6	
8595414	4.14	66	22	6	
8595415	4.15	66	22	6	
8595416	4.16	66	22	6	
8595417	4.17	66	22	6	
8595418	4.18	66	22	6	
8595419	4.19	66	22	6	
61542	4.2	66	22	6	
8595421	4.21	66	22	6	
8595422	4.22	66	22	6	
8595423	4.23	66	22	6	
8595424	4.24	66	22	6	
8595425	4.25	66	22	6	
8595426	4.26	68	24	6	
8595427	4.27	68	24	6	
8595428	4.28	68	24	6	

EDP	D	L	I	d	€
8595429	4.29	68	24	6	
61543	4.3	68	24	6	
8595431	4.31	68	24	6	
8595432	4.32	68	24	6	
8595433	4.33	68	24	6	
8595434	4.34	68	24	6	
8595435	4.35	68	24	6	
8595436	4.36	68	24	6	
8595437	4.37	68	24	6	
8595438	4.38	68	24	6	
8595439	4.39	68	24	6	
61544	4.4	68	24	6	
8595441	4.41	68	24	6	
8595442	4.42	68	24	6	
8595443	4.43	68	24	6	
8595444	4.44	68	24	6	
8595445	4.45	68	24	6	
8595446	4.46	68	24	6	
8595447	4.47	68	24	6	
8595448	4.48	68	24	6	
8595449	4.49	68	24	6	
61545	4.5	68	24	6	
8595451	4.51	68	24	6	
8595452	4.52	68	24	6	
8595453	4.53	68	24	6	
8595454	4.54	68	24	6	
8595455	4.55	68	24	6	
8595456	4.56	68	24	6	
8595457	4.57	68	24	6	
8595458	4.58	68	24	6	
8595459	4.59	68	24	6	
61546	4.6	68	24	6	
8595461	4.61	68	24	6	
8595462	4.62	68	24	6	
8595463	4.63	68	24	6	
8595464	4.64	68	24	6	
8595465	4.65	68	24	6	
8595466	4.66	68	24	6	
8595467	4.67	68	24	6	
8595468	4.68	68	24	6	
8595469	4.69	68	24	6	
61547	4.7	68	24	6	
8595471	4.71	68	24	6	
8595472	4.72	68	24	6	
8595473	4.73	68	24	6	
8595474	4.74	68	24	6	
8595475	4.75	68	24	6	
8595476	4.76	70	26	6	
8595477	4.77	70	26	6	
8595478	4.78	70	26	6	
8595479	4.79	70	26	6	
61548	4.8	70	26	6	
8595481	4.81	70	26	6	
8595482	4.82	70	26	6	
8595483	4.83	70	26	6	
8595484	4.84	70	26	6	
8595485	4.85	70	26	6	

Punte

EDP	D	L	I	d	€
8595486	4.86	70	26	6	
8595487	4.87	70	26	6	
8595488	4.88	70	26	6	
8595489	4.89	70	26	6	
61549	4.9	70	26	6	
8595491	4.91	70	26	6	
8595492	4.92	70	26	6	
8595493	4.93	70	26	6	
8595494	4.94	70	26	6	
8595495	4.95	70	26	6	
8595496	4.96	70	26	6	
8595497	4.97	70	26	6	
8595498	4.98	70	26	6	
8595499	4.99	70	26	6	
61550	5	70	26	6	
8595501	5.01	70	26	6	
8595502	5.02	70	26	6	
8595503	5.03	70	26	6	
8595504	5.04	70	26	6	
8595505	5.05	70	26	6	
8595506	5.06	70	26	6	
8595507	5.07	70	26	6	
8595508	5.08	70	26	6	
8595509	5.09	70	26	6	
61551	5.1	70	26	6	
8595511	5.11	70	26	6	
8595512	5.12	70	26	6	
8595513	5.13	70	26	6	
8595514	5.14	70	26	6	
8595515	5.15	70	26	6	
8595516	5.16	70	26	6	
8595517	5.17	70	26	6	
8595518	5.18	70	26	6	
8595519	5.19	70	26	6	
61552	5.2	70	26	6	
8595521	5.21	70	26	6	
8595522	5.22	70	26	6	
8595523	5.23	70	26	6	
8595524	5.24	70	26	6	
8595525	5.25	70	26	6	
8595526	5.26	70	26	6	
8595527	5.27	70	26	6	
8595528	5.28	70	26	6	
8595529	5.29	70	26	6	
61553	5.3	70	26	6	
8595531	5.31	72	28	6	
8595532	5.32	72	28	6	
8595533	5.33	72	28	6	
8595534	5.34	72	28	6	
8595535	5.35	72	28	6	
8595536	5.36	72	28	6	
8595537	5.37	72	28	6	
8595538	5.38	72	28	6	
8595539	5.39	72	28	6	
61554	5.4	72	28	6	
8595541	5.41	72	28	6	
8595542	5.42	72	28	6	
8595543	5.43	72	28	6	

EDP	D	L	I	d	€
8595544	5.44	72	28	6	
8595545	5.45	72	28	6	
8595546	5.46	72	28	6	
8595547	5.47	72	28	6	
8595548	5.48	72	28	6	
8595549	5.49	72	28	6	
61555	5.5	72	28	6	
8595551	5.51	72	28	6	
8595552	5.52	72	28	6	
8595553	5.53	72	28	6	
8595554	5.54	72	28	6	
8595555	5.55	72	28	6	
8595556	5.56	72	28	6	
8595557	5.57	72	28	6	
8595558	5.58	72	28	6	
8595559	5.59	72	28	6	
61556	5.6	72	28	6	
8595561	5.61	72	28	6	
8595562	5.62	72	28	6	
8595563	5.63	72	28	6	
8595564	5.64	72	28	6	
8595565	5.65	72	28	6	
8595566	5.66	72	28	6	
8595567	5.67	72	28	6	
8595568	5.68	72	28	6	
8595569	5.69	72	28	6	
61557	5.7	72	28	6	
8595571	5.71	72	28	6	
8595572	5.72	72	28	6	
8595573	5.73	72	28	6	
8595574	5.74	72	28	6	
8595575	5.75	72	28	6	
8595576	5.76	72	28	6	
8595577	5.77	72	28	6	
8595578	5.78	72	28	6	
8595579	5.79	72	28	6	
61558	5.8	72	28	6	
8595581	5.81	72	28	6	
8595582	5.82	72	28	6	
8595583	5.83	72	28	6	
8595584	5.84	72	28	6	
8595585	5.85	72	28	6	
8595586	5.86	72	28	6	
8595587	5.87	72	28	6	
8595588	5.88	72	28	6	
8595589	5.89	72	28	6	
61559	5.9	72	28	6	
8595591	5.91	72	28	6	
8595592	5.92	72	28	6	
8595593	5.93	72	28	6	
8595594	5.94	72	28	6	
8595595	5.95	72	28	6	
8595596	5.96	72	28	6	
8595597	5.97	72	28	6	
8595598	5.98	72	28	6	
8595599	5.99	72	28	6	
61560	6	72	28	6	

Punte

EDP	D	L	l	d	€
61561	6.1	75	31	8	
61562	6.2	75	31	8	
61563	6.3	75	31	8	
61564	6.4	75	31	8	
61565	6.5	75	31	8	
61566	6.6	75	31	8	
61567	6.7	75	31	8	
61568	6.8	78	34	8	
61569	6.9	78	34	8	
61570	7	78	34	8	
61571	7.1	78	34	8	
61572	7.2	78	34	8	
61573	7.3	78	34	8	
61574	7.4	78	34	8	
61575	7.5	78	34	8	
61576	7.6	81	37	8	
61577	7.7	81	37	8	
61578	7.8	81	37	8	
61579	7.9	81	37	8	
61580	8	81	37	8	
61581	8.1	87	37	10	
61582	8.2	87	37	10	
61583	8.3	87	37	10	
61584	8.4	87	37	10	
61585	8.5	87	37	10	
61586	8.6	90	40	10	
61587	8.7	90	40	10	
61588	8.8	90	40	10	
61589	8.9	90	40	10	
61590	9	90	40	10	
61591	9.1	90	40	10	
61592	9.2	90	40	10	
61593	9.3	90	40	10	
61594	9.4	90	40	10	
61595	9.5	90	40	10	
61596	9.6	93	43	10	
61597	9.7	93	43	10	
61598	9.8	93	43	10	
61599	9.9	93	43	10	
61600	10	93	43	10	
61601	10.1	100	43	12	

EDP	D	L	l	d	€
61602	10.2	100	43	12	
61603	10.3	100	43	12	
61604	10.4	100	43	12	
61605	10.5	100	43	12	
61606	10.6	100	43	12	
61607	10.7	104	47	12	
61608	10.8	104	47	12	
61609	10.9	104	47	12	
61610	11	104	47	12	
61611	11.1	104	47	12	
61612	11.2	104	47	12	
61613	11.3	104	47	12	
61614	11.4	104	47	12	
61615	11.5	104	47	12	
61616	11.6	104	47	12	
61617	11.7	104	47	12	
61618	11.8	104	47	12	
61619	11.9	108	51	12	
61620	12	108	51	12	
43011210	12.1	108	51	12	
43011220	12.2	108	51	12	
43011230	12.3	108	51	12	
43011240	12.4	108	51	12	
43011250	12.5	108	51	12	
43011260	12.6	108	51	12	
43011270	12.7	108	51	12	
43011280	12.8	108	51	12	
43011290	12.9	108	51	12	
43011300	13	108	51	12	
43011350	13.5	114	54	16	
43011400	14	114	54	16	
43011450	14.5	116	56	16	
43011500	15	116	56	16	
43011550	15.5	118	58	16	
43011600	16	118	58	16	
43011650	16.5	126	60	20	
43011700	17	126	60	20	
43011750	17.5	128	62	20	
43011800	18	128	62	20	
43011850	18.5	130	64	20	
43011900	19	130	64	20	
43011950	19.5	132	66	20	
43012000	20	132	66	20	

Applicazioni									
EX-SUS-GDS	C.0.2%	0.25<C.0.4%	C.0.45%	SCM	~35 HRC	35~45 HRC	45~50 HRC	50~70 HRC	SUS
	●	○							●
	SKD	GG	GGG	Cu	Al	AC	Ti	TiAl	Inl
				●	●	○	●	●	

Condizioni di Foratura

Materiale	SUS								Al		AC		Cu		C ≤ 0.2%	
	Austenitico SUS304* SUS200		Martensitico SUS420* SUS440		Ferritico SUS430* SUS405		Precipitato SUS630* SUS631		A5052* 7025		AC4C* ADC		C1020* 2600		41CrMo4* ~500N/mm ²	
Velocità di foratura	13~18m/min		15~20m/min		15~20m/min		8~12m/min		32~63m/min		63~100m/min		25~50m/min		32~40m/min	
Ø	S. (min ⁻¹)	F. (mm/rev.)	S. (min ⁻¹)	F. (mm/rev.)	S. (min ⁻¹)	F. (mm/rev.)	S. (min ⁻¹)	F. (mm/rev.)	S. (min ⁻¹)	F. (mm/rev.)	S. (min ⁻¹)	F. (mm/rev.)	S. (min ⁻¹)	F. (mm/rev.)	S. (min ⁻¹)	F. (mm/rev.)
1	4.800	0.02~0.04	5.550	0.02~0.04	5.550	0.01~0.03	3.200	0.01~0.03	15.000	0.02~0.06	25.000	0.02~0.06	12.000	0.01~0.03	10.000	0.02~0.05
2	2.400	0.05~0.07	2.850	0.05~0.07	2.850	0.03~0.05	1.600	0.03~0.05	8.000	0.04~0.12	10.000	0.04~0.12	5.100	0.04~0.06	5.700	0.06~0.09
3	1.600	0.06~0.09	1.900	0.06~0.09	1.900	0.04~0.06	1.100	0.04~0.06	5.300	0.06~0.18	6.700	0.06~0.18	3.400	0.06~0.09	3.850	0.10~0.13
4	1.200	0.08~0.12	1.450	0.08~0.12	1.450	0.06~0.08	800	0.06~0.08	4.000	0.08~0.24	6.400	0.08~0.24	2.550	0.08~0.11	2.900	0.11~0.15
5	950	0.10~0.15	1.150	0.12~0.15	1.150	0.08~0.10	650	0.08~0.10	3.200	0.10~0.30	5.000	0.10~0.30	2.050	0.10~0.13	2.260	0.12~0.18
6	800	0.12~0.18	950	0.15~0.18	950	0.09~0.12	550	0.09~0.12	2.700	0.12~0.36	4.200	0.12~0.36	1.700	0.12~0.15	1.900	0.13~0.19
8	600	0.16~0.24	720	0.20~0.24	720	0.12~0.16	400	0.12~0.16	2.000	0.16~0.45	3.200	0.16~0.45	1.250	0.16~0.20	1.400	0.17~0.24
10	480	0.20~0.28	570	0.25~0.30	570	0.15~0.20	320	0.15~0.20	1.600	0.20~0.55	2.500	0.20~0.55	1.000	0.20~0.25	1.120	0.20~0.28
12	400	0.24~0.34	480	0.30~0.36	480	0.18~0.24	280	0.18~0.24	1.350	0.24~0.66	2.100	0.24~0.66	850	0.24~0.30	950	0.24~0.34
13	370	0.26~0.36	440	0.32~0.40	440	0.20~0.26	250	0.20~0.26	1.250	0.25~0.72	2.000	0.25~0.72	780	0.26~0.32	880	0.26~0.36
14	340	0.28~0.39	410	0.35~0.45	410	0.21~0.30	225	0.21~0.30	1.140	0.27~0.74	1.850	0.27~0.74	730	0.26~0.34	820	0.27~0.39
15	320	0.29~0.40	380	0.36~0.48	380	0.22~0.31	210	0.22~0.31	1.060	0.29~0.80	1.700	0.29~0.80	680	0.26~0.36	760	0.28~0.42
16	300	0.30~0.43	355	0.37~0.50	355	0.23~0.32	200	0.23~0.32	1.000	0.30~0.83	1.600	0.30~0.83	640	0.27~0.37	720	0.29~0.43
17	280	0.31~0.45	335	0.38~0.52	335	0.24~0.34	185	0.24~0.34	940	0.31~0.88	1.500	0.31~0.88	600	0.28~0.39	675	0.30~0.46
18	265	0.32~0.47	320	0.39~0.54	320	0.25~0.36	175	0.25~0.36	885	0.32~0.94	1.450	0.32~0.94	570	0.29~0.41	640	0.32~0.49
19	250	0.33~0.48	300	0.40~0.55	300	0.25~0.38	170	0.25~0.38	840	0.34~0.97	1.350	0.34~0.97	540	0.30~0.43	600	0.33~0.51
20	240	0.34~0.50	285	0.40~0.56	285	0.26~0.40	160	0.26~0.40	800	0.36~1.00	1.300	0.36~1.00	510	0.30~0.44	570	0.34~0.52
22	215	0.36~0.54	260	0.42~0.61	260	0.28~0.44	145	0.28~0.44	730	0.39~1.08	1.200	0.39~1.08	460	0.32~0.48	520	0.37~0.57
24	200	0.38~0.57	240	0.43~0.65	240	0.30~0.48	135	0.30~0.48	670	0.41~1.15	1.100	0.41~1.15	420	0.33~0.52	480	0.39~0.61
26	185	0.40~0.60	220	0.44~0.70	220	0.32~0.52	120	0.32~0.52	320	0.44~1.22	1.000	0.44~1.22	390	0.34~0.56	450	0.41~0.66
28	170	0.41~0.63	200	0.45~0.74	200	0.34~0.56	115	0.34~0.56	570	0.46~1.29	930	0.46~1.29	360	0.35~0.59	410	0.43~0.71
30	160	0.42~0.66	190	0.45~0.78	190	0.36~0.60	105	0.36~0.60	530	0.48~1.35	870	0.48~1.35	340	0.36~0.63	380	0.45~0.75
32	150	0.43~0.70	180	0.45~0.82	180	0.37~0.64	100	0.37~0.64	500	0.50~1.42	820	0.50~1.42	320	0.38~0.67	360	0.47~0.80

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