

Pict. 1
Side grooving



Pict. 2
Seeger slots



Pict. 3
O-ring slots



- Hard metal inserts with retified profile
- Coating TiAlN

			Description		Tech. Code	A mm	E mm	B mm	D mm	R mm	P	M	K	N	S	H
											<850 N/mm ²	<600 N/mm ²	<240 HB	Alu	HTA	<60 HRC
MEDIUM CUTTING	Pict. 1		141719		B7B1007200	2.00	2.34		7.90		●	●	●	●	●	○
			141642		B7B1010234	2.34			10.60		●	●	●	●	●	○
			141669		B7B1010300	3.00					●	●	●	●	●	○
			141533		B7B1017350	3.50	3.50		17.50		●	●	●	●	●	○
			141535		B7B1017500	5.00	5.00				●	●	●	●	●	○
			141544		B7B1017600	6.00	6.00				●	●	●	●	●	○
			141361		B7B1023400	4.00	4.00		23.00		●	●	●	●	●	○
			141396		B7B1023650	6.50	6.50				●	●	●	●	●	○
			141726		B7B1207098	0.98	2.34	0.30	7.90	0.30	●	●	●	●	●	○
	Pict. 2		141611		B7B1210098			0.60			●	●	●	●	●	○
			141567		B7B1210118	1.18		0.80	10.60		●	●	●	●	●	○
			141609		B7B1210130	1.38		1.00			●	●	●	●	●	○
			141630		B7B1210168	1.68		1.40			●	●	●	●	●	○
			141574		B7B1210193	1.93		0.70			●	●	●	●	●	○
			141416		B7B1217098	0.98	3.50	0.90	17.50		●	●	●	●	●	○
			141435		B7B1217118	1.18		1.10			●	●	●	●	●	○
			141431		B7B1217138	1.38		1.25			●	●	●	●	●	○
			141454		B7B1217168	1.68		1.75			●	●	●	●	●	○
			141436		B7B1217193	1.93		2.20			●	●	●	●	●	○
			141437		B7B1217223	2.23		2.20			●	●	●	●	●	○
			141477		B7B1217273	2.73					●	●	●	●	●	○
			141440		B7B1217323	3.23					●	●	●	●	●	○
			141254		B7B1223098	0.98	4.00	0.70	23.00		●	●	●	●	●	○
			141245		B7B1223118	1.18		0.90			●	●	●	●	●	○
			141261		B7B1223138	1.38		1.10			●	●	●	●	●	○
			141255		B7B1223168	1.68		1.25			●	●	●	●	●	○
			141269		B7B1223193	1.93		1.75			●	●	●	●	●	○
			141258		B7B1223223	2.23					●	●	●	●	●	○
			141264		B7B1223273	2.73					●	●	●	●	●	○
			141293		B7B1223323	3.23					●	●	●	●	●	○
	Pict. 3		141654		B7B1410228	2.28	3.00	1.45	10.60	0.20	●	●	●	●	●	○
			141510		B7B1417228		3.50		17.50		●	●	●	●	●	○
			141470		B7B1417308	3.08	5.00	2.30			●	●	●	●	●	○
			141236		B7B1423228	2.28	4.00	1.45	23.00		●	●	●	●	●	○
			141277		B7B1423308	3.08		2.30			●	●	●	●	●	○
			141306		B7B1423408	4.08	5.00	3.10			●	●	●	●	●	○

● RECOMMENDED FOR... ○ USABLE FOR...

RECOMMENDED CUTTING DATA

Material	Hardness	Degrees Recommended	Cutting speed VC (m/min.)	Feed (z/mm)
Tool steel (X155CrVMo 12 1, etc.)	<850 N/mm ²	TINAMATIC	150 - 180	0.05 - 0.12
Stainless steel (X5CrNi 18-9, etc.)	<700 N/mm ²	TINAMATIC	120 - 150	0.05 - 0.12
Cast iron (GG25, GG30, etc.) Spheroidal cast iron (GG40, etc.)	<240 HB	TINAMATIC	130 - 200	0.05 - 0.12
Non ferrous alloys (SI < 13%)	<10% SI	TINAMATIC	250 - 300	0.15 - 0.40
Hardened steel < 55 HRC	48 - 55 HRC	TINAMATIC	80 - 100	0.05 - 0.10