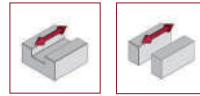
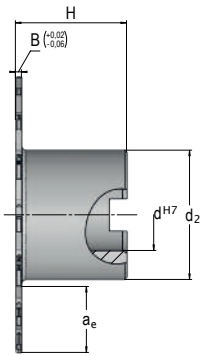


SLOT MILLING CUTTERS

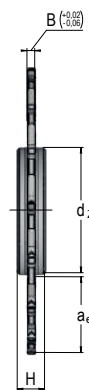
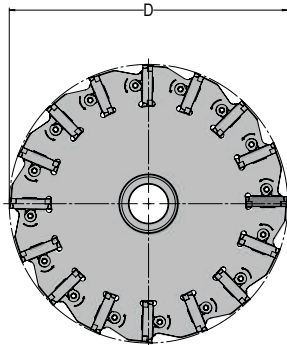
GB18 | GN18



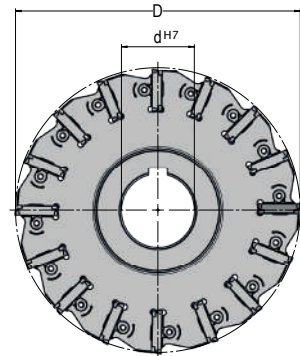
- 2 cutting edge indexable insert
- Cutting width from 2 mm
- Excellent cutting force dissipation
- Narrow tooth pitch
- High tooth feeds



GB18



GN18



GB18
Slot milling cutter

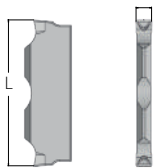
article	D	d ₂	d ^{H7}	H	B ^{+0.02 -0.06}	zz	a _e	ic	kg	INS
01GB.0820.020	80	40	22	40	2	8	18,0	no	0,36	GNO1920..
01GB.0825.020	80	40	22	40	2,5	8	18,0	no	0,37	GNO1925..
01GB.0830.020	80	40	22	40	3	8	18,0	no	0,38	GNO1930..
01GB.0835.020	80	40	22	40	3,5	8	18,0	no	0,40	GNO1935..
01GB.1020.020	100	45	27	45	2	12	25,0	no	0,50	GNO1920..
01GB.1025.020	100	45	27	45	2,5	12	25,0	no	0,51	GNO1925..
01GB.1030.020	100	45	27	45	3	12	25,0	no	0,55	GNO1930..
01GB.1035.020	100	45	27	45	3,5	12	25,0	no	0,57	GNO1935..
01GB.1220.020	125	58	32	50	2	16	31,0	no	0,91	GNO1920..
01GB.1225.020	125	58	32	50	2,5	16	31,0	no	0,94	GNO1925..
01GB.1230.020	125	58	32	50	3	16	31,0	no	0,98	GNO1930..
01GB.1235.020	125	58	32	50	3,5	16	31,0	no	1,02	GNO1935..
01GB.1625.020	160	68	40	63	2,5	22	43,0	no	1,59	GNO1925..
01GB.1630.020	160	68	40	63	3	22	43,0	no	1,66	GNO1930..
01GB.1635.020	160	68	40	63	3,5	22	43,0	no	1,72	GNO1935..

SLOT MILLING CUTTERS

GB18 | GN18

GN18 Slot milling cutter										INS
article	D	d ₂	d ^{H7}	H	B ^{+0,02 -0,06}	zz	a _e	ic	kg	
14GN.0820.020	80	34	22	12	2	8	21,0	no	0,11	GNO1920..
14GN.0825.020	80	34	22	12	2,5	8	21,0	no	0,13	GNO1925..
14GN.0830.020	80	34	22	12	3	8	21,0	no	0,14	GNO1930..
14GN.0835.020	80	34	22	12	3,5	8	21,0	no	0,16	GNO1935..
14GN.1020.020	100	45	27	12	2	12	27,0	no	0,19	GNO1920..
14GN.1025.020	100	45	27	12	2,5	12	27,0	no	0,20	GNO1925..
14GN.1030.020	100	45	27	12	3	12	27,0	no	0,23	GNO1930..
14GN.1035.020	100	45	27	12	3,5	12	27,0	no	0,26	GNO1935..
14GN.1220.020	125	55	32	12	2	16	32,0	no	0,29	GNO1920..
14GN.1225.020	125	55	32	12	2,5	16	32,0	no	0,34	GNO1925..
14GN.1230.020	125	55	32	12	3	16	32,0	no	0,36	GNO1930..
14GN.1235.020	125	55	32	12	3,5	16	32,0	no	0,40	GNO1935..
14GN.1625.020	160	68	40	12	2,5	22	44,0	no	0,54	GNO1925..
14GN.1630.020	160	68	40	12	3	22	44,0	no	0,58	GNO1930..
14GN.1635.020	160	68	40	12	3,5	22	44,0	no	0,64	GNO1935..

INS SHAPE GNO



GNO					
AS	L	s			
2	19	01	02	03	35
	19,00	1,90	1,90	1,90	1,90

Matching of machining parameters with the AV material groups

				steel						
article		designation		A22	A21	A20	A19	A18	A17	A16
GN..1920...	GNO.1920.010.01 AV1055	GNOHR 192003 N	h_{max}	0,12	0,10	0,10	0,08	0,08	0,06	0,05
			v_c	280-320	240-280	210-240	180-210	140-180	110-140	80-110
GN..1925...	GNO.1925.010.01 AV1055	GNOHR 192503 N	h_{max}	0,12	0,10	0,10	0,08	0,08	0,06	0,05
			v_c	280-320	240-280	210-240	180-210	140-180	110-140	80-110
GN..1930...	GNO.1930.010.01 AV1055	GNOHR 193003 N	h_{max}	0,14	0,12	0,12	0,10	0,10	0,08	0,06
			v_c	280-320	240-280	210-240	180-210	140-180	110-140	80-110
GN..1935...	GNO.1935.010.01 AV1055	GNOHR 193503 N	h_{max}	0,16	0,16	0,16	0,14	0,12	0,10	0,08
			v_c	280-320	240-280	210-240	180-210	140-180	110-140	80-110

				cast iron					
article		designation		D21	D20	D19	D18	D17	D16
GN..1920...	GNO.1920.010.01 AV1055	GNOHR 192003 N	h_{max}	0,12	0,12	0,10	0,10	0,08	0,06
			v_c	280-320	260-290	210-260	190-240	180-210	140-180
GN..1925...	GNO.1925.010.01 AV1055	GNOHR 192503 N	h_{max}	0,12	0,12	0,10	0,10	0,08	0,06
			v_c	280-320	260-290	210-260	190-240	180-210	140-180
GN..1930...	GNO.1930.010.01 AV1055	GNOHR 193003 N	h_{max}	0,14	0,14	0,12	0,12	0,10	0,08
			v_c	280-320	260-290	210-260	190-240	180-210	140-180
GN..1935...	GNO.1935.010.01 AV1055	GNOHR 193503 N	h_{max}	0,18	0,18	0,15	0,13	0,10	0,08
			v_c	280-320	260-290	210-260	190-240	180-210	140-180

				stainless steel				NE metals		
article		designation		C12	C11	C10	C09	E82	E81	E80
GN..1920...	GNO.1920.010.01 AV1055	GNOHR 192003 N	h_{max}	0,10	0,08	0,07	0,05	0,15	0,12	0,10
			v_c	120-200	140-150	100-140	60-100	650-1000	450-650	280-450
GN..1925...	GNO.1925.010.01 AV1055	GNOHR 192503 N	h_{max}	0,10	0,08	0,07	0,05	0,15	0,12	0,10
			v_c	120-200	140-150	100-140	60-100	650-1000	450-650	280-450
GN..1930...	GNO.1930.010.01 AV1055	GNOHR 193003 N	h_{max}	0,10	0,08	0,07	0,05	0,17	0,15	0,10
			v_c	120-200	140-150	100-140	60-100	650-1000	450-650	280-450
GN..1935...	GNO.1935.002.01 AV1055	GNOHR 193503 N	h_{max}	0,12	0,10	0,08	0,07	0,20	0,18	0,15
			v_c	120-200	140-150	100-140	60-100	650-1000	450-650	280-450

INS		
GN..1920...	08Z.0000.522	TX208
GN..1925...	08Z.0000.520	TX208
GN..1930...	08Z.0000.523	TX208
GN..1935...	08Z.0000.524	TX208