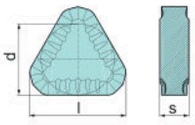
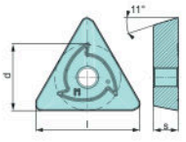
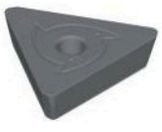
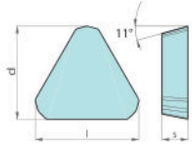
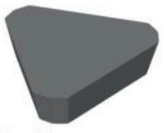
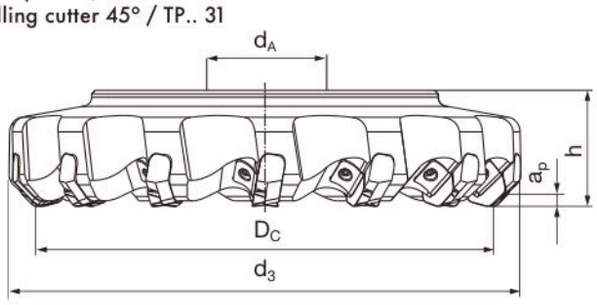
Bild & Zeichnung Image & Drawings	Artikelbezeichnung Item Code	Schneidstoffsorte Cutting materials	Bestell-Nr. Order No	Verfüg. Availability	Abmessungen [mm] Dimensions [mm]		
					l	d	s
  N = 6	■ TNHF 1204 ANSN-HK	HAK20M	2157400	•	12	12,70	2,38
  N = 3	■ TPKN 1603 PDSR-NR	HAP20M	2157800	•	16	9,52	3,18
	■ TPKN 1603 PDSR-NR	HAP25M	2157900	•	16	9,52	3,18
	■ TPKN 1603 PDSR-NR	HAP30M	2158000	•	16	9,52	3,18
	■ TPKN 1603 PDSR-NR	HAP35M	2158100	•	16	9,52	3,18
	■ TPKN 1603 PDSR-NK	HAK15M	2157600	•	16	9,52	3,18
	■ TPKN 1603 PDSR-NK	HAK20M	2157700	•	16	9,52	3,18
	■ TPKN 2204 PDSR-NR	HAP20M	2158400	•	22	12,70	4,76
	■ TPKN 2204 PDSR-NR	HAP25M	2158500	•	22	12,70	4,76
	■ TPKN 2204 PDSR-NR	HAP30M	2158600	•	22	12,70	4,76
	■ TPKN 2204 PDSR-NR	HAP35M	2158700	•	22	12,70	4,76
	■ TPKN 2204 PDSR-NK	HAK15M	2158200	•	22	12,70	4,76
	■ TPKN 2204 PDSR-NK	HAK20M	2158300	•	22	12,70	4,76
  N = 3	■ TPLM3106-ADSM	HAP35M	2333900	•	31,75	18	6,35
	■ TPLM3106-ADSM	HAP40M	2334000	○	31,75	18	6,35
	■ TPLM3106-ADSM	HAM40M	2334100	•	31,75	18	6,35

Planfräskopf 45° / TP.. 31
Face milling cutter 45° / TP.. 31





Abmessungen [mm] Dimensions [mm]						Artikelbezeichnung Item Code	Bestell-Nr. Order No	Verfüg. Availability
D_C	d_3	d_A	h	a_p	z			
125	159	40	63	13	7	HMF45TP31.125BT-Z07 R	2333000	○
160	194	40	63	13	9	HMF45TP31.160BT-Z09 R	2333100	◑
200	234	60	63	13	11	HMF45TP31.200BT-Z11 R	2333200	◑
250	284	60	63	13	14	HMF45TP31.250BT-Z14 R	2333300	◑
315	349	60	63	13	18	HMF45TP31.315BT-Z18 R	2333400	◑
400	434	60	80	13	18	HMF45TP31.400BT-Z18 R	2333500	○
400	434	60	80	13	22	HMF45TP31.400BT-Z22 R	2333600	○
500	534	60	80	13	22	HMF45TP31.500BT-Z22 R	2333700	○
500	534	60	80	13	26	HMF45TP31.500BT-Z26-R	2333800	○

Ersatz-Kassette und Ersatzteile für Planfräskopf 45° TP31
Replacment-cartridge and spare parts for face milling cutter 45° TP31



Kassette CBT45 TP31 R
inkl. Spannschraube
Cartridge CBT45 TP31 R
incl. Fastening screw
5006000



Spannschraube für Kassette
Fastening screw for cartridge
5005500



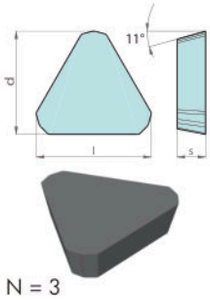
Spannkeil
Wedge clamp
5005600



Spannschraube für Spannkeil
Fastening screw for wedgeclamp
5005700



Drehmoment-schlüssel
Torque wrench
5005800

Bild & Zeichnung Image & Drawings	Artikelbezeichnung Item Code	Schneidstoffsorte Cutting materials	Bestell-Nr. Order No	Verfüg. Availability	Abmessungen [mm] Dimensions [mm]		
					l	d	s
 N = 3	■ TPLM3106-ADSM	HAP35M	2333900	•	31,75	18	6,35
	■ TPLM3106-ADSM	HAP40M	2333400	○	31,75	18	6,35
	■ TPLM3106-ADSM	HAM40M	2334100	•	31,75	18	6,35