

FORM CUTTERS

	D	a	Description	Code	Page
	8	2,7 - 4,8	HIPOS MICRO FA06D02	FA06D02	96
	20	2,9 - 11,6	HIPOS PLUS FB13D03B	FB13D03B	97
	45	9 - 33,9	HIPOS PLUS FB13D10C	FB13D10C	98
	45	6,4 - 24,4	ALUMINATOR FB25D10	FB25D10	99
	10,6	3,2	HIPOS QUAD FS05D02	FS05D02	100
	6 - 16	3,5 - 5,1	HIPOS QUAD FS08D03	FS08D03	101
	20	5	HIPOS QUAD FS08E01	FS08E01	102
	25	1 - 6	FAST BREAK F__D03	F__D03	103
	25	1 - 6	FAST BREAK F__E01	F__E01	104
	25 - 58	11 - 26	HIQUAD TSO_D03	TSO_D03	105
	25 - 58	11 - 26	HIQUAD TSO_M01	TSO_M01	106
	21,9	10,1	TRI GRAV FT10D03	FT10D03	107
	21,9	10,1	TRI GRAV FT10E01	FT10E01	108

Subject to printing error or technical changes.

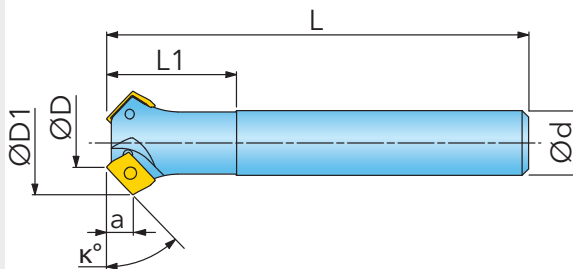
FORM CUTTERS

Subject to printing error or technical changes.



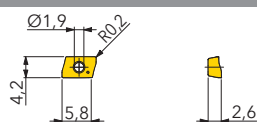
FORM CUTTERS

ADAPTION ACC. TO DIN 1835 A

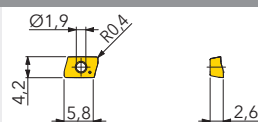


Designation	D	D1	d	L	L1	κ	a	Z	kg
FA.008.001	8	17,7	10	65	20	30	2,7	2	0,04
FA.008.002	8	16,0	10	65	20	45	3,9	2	0,04
FA.008.003	8	13,7	10	65	20	60	4,8	2	0,04

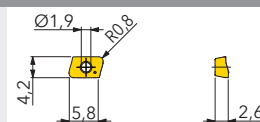
AOMT060202R



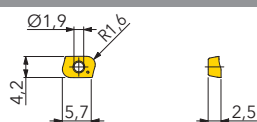
AOMT060204R



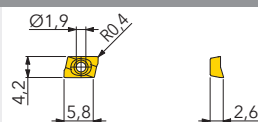
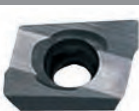
AOMT060208R



AOMT060216R



AOCT060204FR-P



Designation	fz(min/max)	Design	Grade	IN05S	IN2035	IN2504	IN2505	IN2530			
AOMT060202R	0,06/0,12	positive geometry R0,2									
AOMT060204R	0,06/0,12	positive geometry R0,4									
AOMT060208R	0,06/0,12	positive geometry R0,8									
AOMT060216R ¹⁾	0,06/0,12	positive geometry R1,6									
AOCT060204FR-P	0,05/0,12	non-ferrous geometry, polished R0,4									

¹⁾ Cutter body has to be modified

● = P ● = M ● = K ● = N ● = S ○ = H

SPARE PARTS



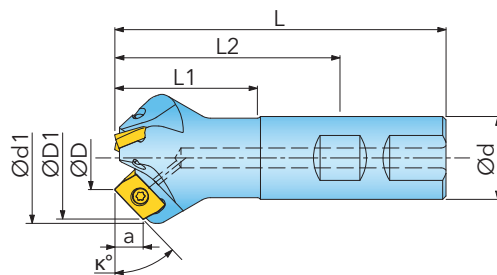
SM18-041-00 (0,5Nm) DS-TP06S (TX-Plus)

① = Insert screw ② = Screw driver

HIPOS MICRO FA06D02

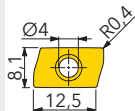
FORM CUTTERS

ADAPTION ACC. TO DIN 1835 B (WELDON)

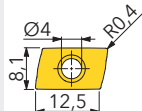


Designation	D	D1	d	d2	L	L1	L2	κ	a	Z	IK	kg
FB.020.006	20	42,1	25	43,2	100	44	68	15	2,9	3	✓	0,38
FB.020.007	20	40,4	25	40,7	100	44	68	30	5,9	3	✓	0,35
FB.020.008	20	36,9	25	39,5	100	44	68	45	8,4	3	✓	0,36
FB.020.009	20	31,9	25	32,2	100	44	68	60	10,3	3	✓	0,33
FB.020.010	20	26,2	25	26,4	100	44	68	75	11,6	3	✓	0,31

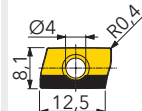
BOMT130404R



BOCT130404FR-P



BOMT130404R-DT2



Designation	fz(min/max)	Design	Grade	IN10K	IN2035	IN2504	IN2505	IN2530	IN4030	IN90D
BOMT130404R	0,12/0,20	positive geometry R0,4								
BOCT130404FR-P	0,05/0,25	non-ferrous geometry, polished R0,4								
BOMT130404R-DT2	0,05/0,25	with long PCD-tip R0,4								

● = P ● = M ● = K ● = N ● = S ○ = H

SPARE PARTS

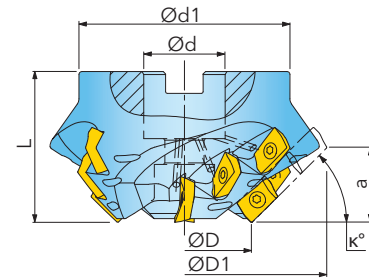


SM35-088-10 (3,0Nm) DS-T10S

① = Insert screw ② = Screw driver

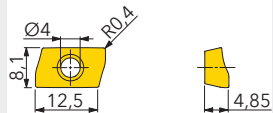
FORM CUTTERS

ADAPTION ACC. TO DIN 8030

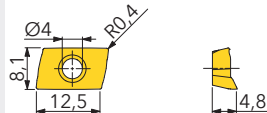


Designation	D	D1	d	d1	L	κ	a	Z	Z _{eff}	IK	kg
FB.045.006	45	112,5	27	70	50	15	9	12	4	✓	1,70
FB.045.007	45	105,4	27	70	50	30	17,3	12	4	✓	1,40
FB.045.008	45	94,4	27	70	50	45	24,6	12	4	✓	1,10
FB.045.009	45	80,0	27	70	50	60	30,2	12	4	✓	0,81
FB.045.010	45	63,2	22	45	50	75	33,9	12	4	✓	0,43

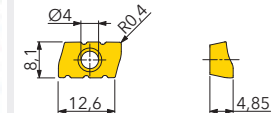
BOMT130404R



BOCT130404FR-P



ZOMT130404R



Designation	fz(min/max)	Design	Grade	IN10K	IN2035	IN2504	IN2505	IN2530	IN4030		
BOMT130404R	0,12/0,20	positive geometry R0,4									
BOCT130404FR-P	0,05/0,25	non-ferrous geometry, polished R0,4									
ZOMT130404R ¹⁾	0,12/0,20	chip splitter geometry R0,4									

¹⁾ Best results are achieved on tools with an even number of teeth. Please mount inserts alternating.

● = P ● = M ● = K ● = N ● = S ○ = H

SPARE PARTS



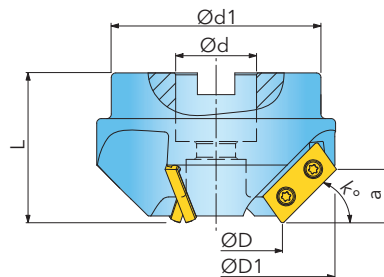
SM35-088-10 (3,0Nm) DS-T10S

① = Insert screw ② = Screw driver

HIPOS PLUS FB13D10C

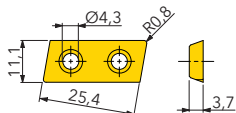
FORM CUTTERS

ADAPTION ACC. TO DIN 8030

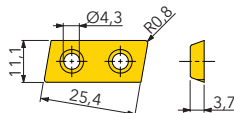


Designation	D	D1	d	d1	L	κ	a	Z	IK	kg
FB.045.001	45	93,4	27	70	50	15	6,4	3	✓	1,63
FB.045.002	45	88,5	27	70	50	30	12,4	3	✓	1,38
FB.045.003	45	80,7	27	70	50	45	17,8	3	✓	1,05
FB.045.004	45	70,3	27	70	50	60	21,8	3	✓	0,82
FB.045.005	45	58,1	22	45	50	75	24,4	3	✓	0,43

BEHW250308R



BEHW250308R-P



Designation	fz(min/max)	Design	Grade	IN15K	IN2540						
BEHW250308R	0,08/0,20	neutral geometry R0,8									
BEHW250308R-P	0,05/0,20	non-ferrous geometry, polished R0,8									

● = P ● = M ● = K ● = N ● = S ○ = H

SPARE PARTS



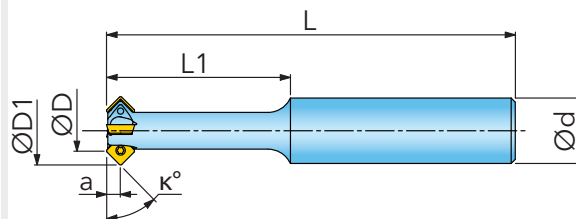
SM35-089-00 (3,0Nm) DS-T15S

① = Insert screw ② = Screw driver

ALUMINATOR FB25D10

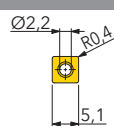
FORM CUTTERS

ADAPTION ACC. TO DIN 1835 A

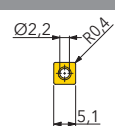


Designation	D	D1	d	L	L1	κ	a	Z	kg
FS.017.001	10,6	17	16	100	45	45	3,2	4	0,11

SDMT050204N



SDCT050204FN-P



Designation	fz(min/max)	Design	Grade	IN10K	IN2505						
SDMT050204N	0,06/0,12	positive geometry R0,4									
SDCT050204FN-P	0,05/0,15	non-ferrous geometry, polished R0,4									

● = P ● = M ● = K ● = N ● = S ○ = H

SPARE PARTS



DS-TP06S (TX-Plus)

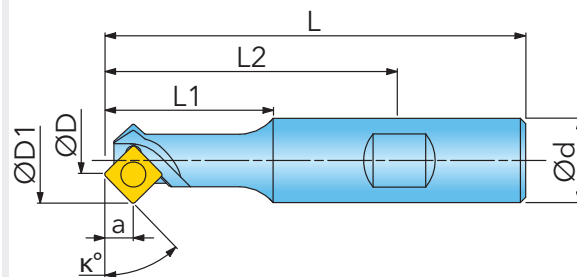
SM20-043-00 (0,7Nm)

① = Screw driver ② = Insert screw

HIPOS QUAD FS05D02

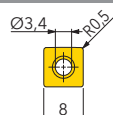
FORM CUTTERS

ADAPTION ACC. TO DIN 1835 B (WELDON)

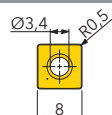


Designation	D	D1	d	L	L1	L2	κ	a	Z	kg
FS.006.003	6	18,6	16	80	32	56	30	3,5	1	0,09
FS.006.001	6	16,3	16	80	32	56	45	5,1	1	0,09
FS.006.002	6	13,1	16	80	32	56	60	6,2	1	0,09
FS.016.001	16	26,4	20	85	35	60	45	5,1	2	0,19

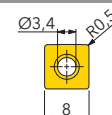
SDMT080305N



SDMW080305TN



SDCT080305FN-P



Designation	fz(min/max)	Design	Grade	IN05S	IN2505	IN4030					
SDMT080305N	0,13/0,17	positive geometry R0,5									
SDMW080305TN	0,13/0,20	neutral geometry, K-land R0,5									
SDCT080305FN-P	0,05/0,20	non-ferrous geometry, polished R0,5									

● = P ● = M ● = K ● = N ● = S ○ = H

SPARE PARTS

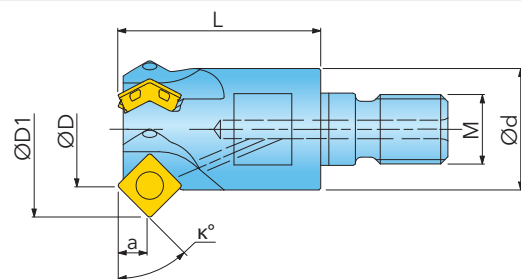


SM30-065-00 (2,0Nm) DS-T09S

① = Insert screw ② = Screw driver

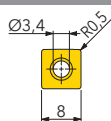
FORM CUTTERS

SCREW-IN TYPE ADAPTION

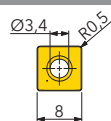


Designation	D	D1	d1	L	κ	a	M	Z	IK	kg
FS.020.001	20	30,4	21	35	45	5	M12	3	✓	0,09

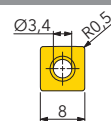
SDMT080305N



SDMW080305TN



SDCT080305FN-P



Designation	fz(min/max)	Design	Grade	IN05S	IN2505	IN4030					
SDMT080305N	0,13/0,17	positive geometry R0,5									
SDMW080305TN	0,13/0,20	neutral geometry, K-land R0,5									
SDCT080305FN-P	0,05/0,20	non-ferrous geometry, polished R0,5									

● = P ● = M ● = K ● = N ● = S ○ = H

SPARE PARTS



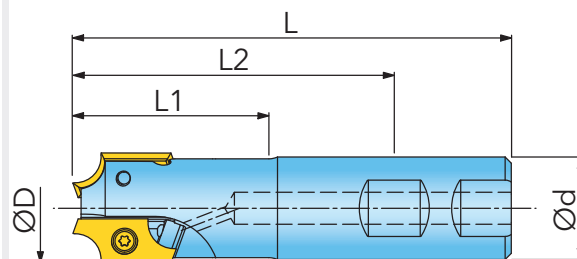
SM30-065-00 (2,0Nm) DS-T09S

① = Insert screw ② = Screw driver

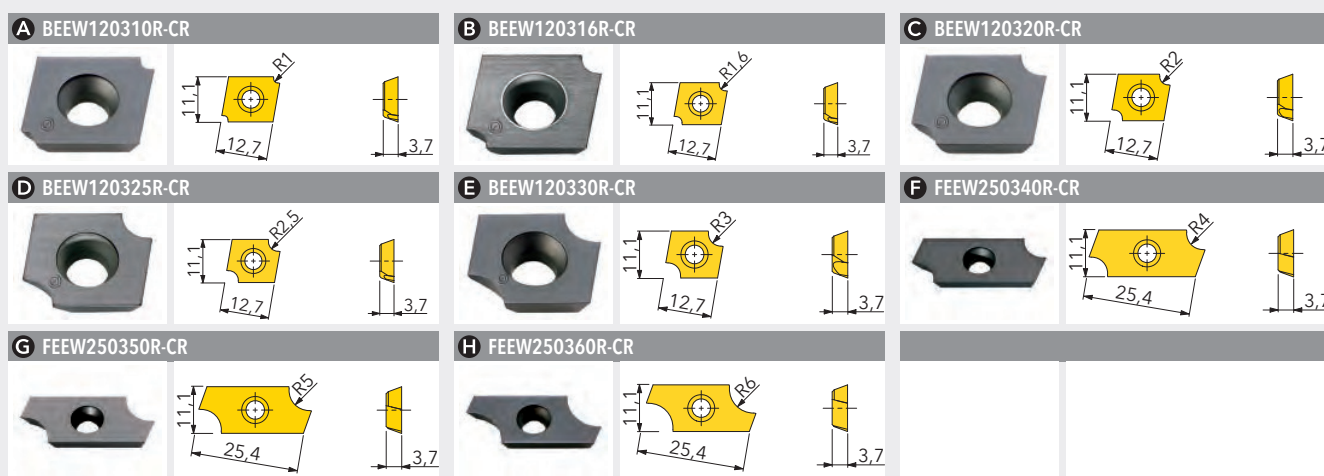
HIPOS QUAD FS08E01

FORM CUTTERS

ADAPTION ACC. TO DIN 1835 B (WELDON)



Designation	D	d	L	L1	L2	Z	Insert	IK	kg	Related Insert
FB.025.001	25	25	100	40	68	2	BEEW	✓	0,28	A B C D E
FF.025.001	25	25	100	40	68	2	FEEW	✓	0,34	F G H



Designation	fz(min/max)	Design	Grade	IN2530								
BEEW120310R-CR	0,08/0,20	neutral geometry R1,0										
BEEW120316R-CR	0,08/0,20	neutral geometry R1,6										
BEEW120320R-CR	0,08/0,20	neutral geometry R2,0										
BEEW120325R-CR	0,08/0,20	neutral geometry R2,5										
BEEW120330R-CR	0,08/0,20	neutral geometry R3,0										
FEEW250340R-CR	0,08/0,20	neutral geometry R4,0										
FEEW250350R-CR	0,08/0,20	neutral geometry R5,0										
FEEW250360R-CR	0,08/0,20	neutral geometry R6,0										

● = P ● = M ● = K ● = N ● = S ○ = H

SPARE PARTS



WSP-Typ

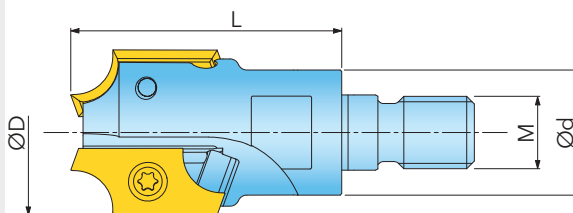
BEEW SM35-070-00 (3,0Nm) DS-T15S

FEEW SM40-093-20 (4,5Nm) DS-T15S

① = Insert screw ② = Screw driver

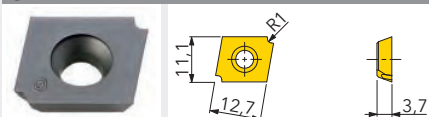
FORM CUTTERS

SCREW-IN TYPE ADAPTION

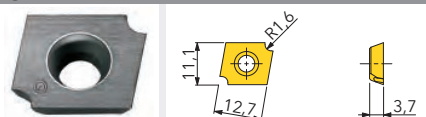


Designation	D	d1	L	M	Z	Insert	IK	kg	Related Insert
FB.025.002	25	21	35	M12	2	BEEW	✓	0,10	A B C D E
FF.025.002	25	21	43	M12	2	FEW	✓	0,11	F G H

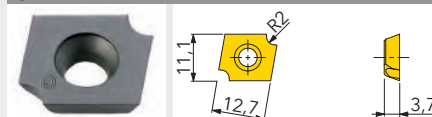
A BEEW120310R-CR



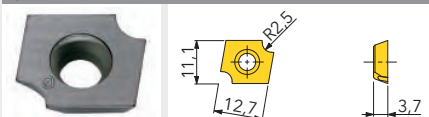
B BEEW120316R-CR



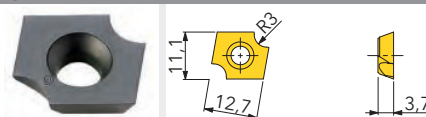
C BEEW120320R-CR



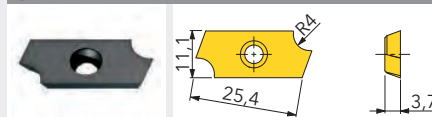
D BEEW120325R-CR



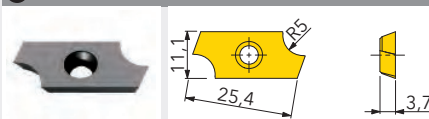
E BEEW120330R-CR



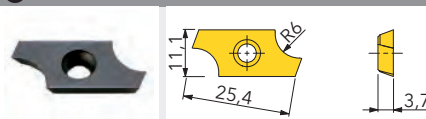
F FEW250340R-CR



G FEW250350R-CR



H FEW250360R-CR



Designation	fz(min/max)	Design	Grade	IN2530								
BEEW120310R-CR	0,08/0,20	neutral geometry R1,0										
BEEW120316R-CR	0,08/0,20	neutral geometry R1,6										
BEEW120320R-CR	0,08/0,20	neutral geometry R2,0										
BEEW120325R-CR	0,08/0,20	neutral geometry R2,5										
BEEW120330R-CR	0,08/0,20	neutral geometry R3,0										
FEW250340R-CR	0,08/0,20	neutral geometry R4,0										
FEW250350R-CR	0,08/0,20	neutral geometry R5,0										
FEW250360R-CR	0,08/0,20	neutral geometry R6,0										

● = P ● = M ● = K ● = N ● = S ○ = H

SPARE PARTS



WSP-Typ

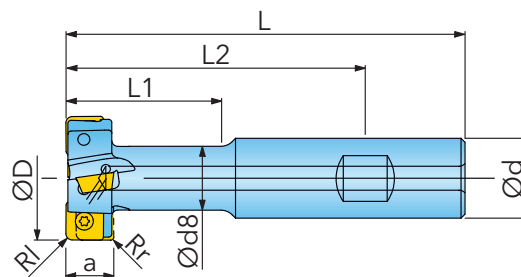
BEEW SM35-070-00 (3,0Nm) DS-T15S

FEW SM40-093-20 (4,5Nm) DS-T15S

① = Insert screw ② = Screw driver

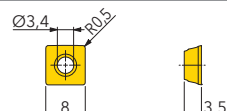
FORM CUTTERS

ADAPTION ACC. TO DIN 1835 B (WELDON)

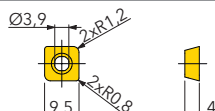


Designation	D	d	d8	L	L1	L2	a	Z	Zeff	IK	kg	Related Insert
TS.025.001	25	16	13	85	31	61	11	2	1	✓	0,11	A
TS.031.001	31	20	16	100	39	75	12	4	2	✓	0,20	B
TS.039.001	38,5	25	19	110	49	78	16	4	2	✓	0,34	C D
TS.048.001	48	32	25	125	60	89	20	4	2	✓	0,63	E
TS.058.001	58	32	31	140	75	104	26	6	2	✓	0,90	E

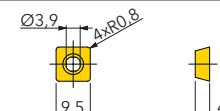
A SDMT080305N



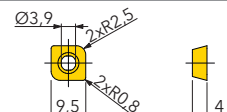
B SDES090416TN-002



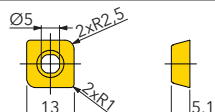
C SDES090408TN



D SDES090425TN-002



E SDES130525TN-002



Designation	fz(min/max)	Design	Grade	IN2505	IN4030							
SDMT080305N	0,13/0,17	positive geometry R0,5										
SDES090416TN-002	0,10/0,15	neutral geometry, K-land 2xR0,8/2xR1,6										
SDES090408TN	0,10/0,15	neutral geometry, K-land 4xR0,8										
SDES090425TN-002	0,10/0,15	neutral geometry, K-land 2xR0,8/2xR2,5										
SDES130525TN-002	0,12/0,20	neutral geometry, K-land 2xR1,0/2xR2,5										

● = P ● = M ● = K ● = N ● = S ○ = H

SPARE PARTS



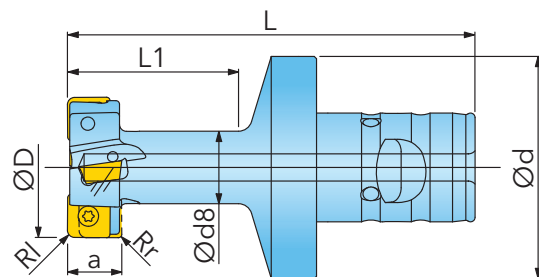
Diameter Range

25	SM30-065-00 (2,0Nm) DS-T09S
31 - 38,5	SM30-075-R0 (2,0Nm) DS-T09S
48 - 58	SM40-100-R0 (4,5Nm) DS-T15S

① = Insert screw ② = Screw driver

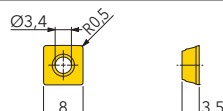
FORM CUTTERS

MODULAR MILLING ADAPTOR INNOFIT

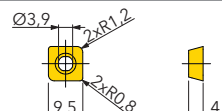


Designation	D	d	d8	L	L1	a	MOD	Z	Zeff	IK	kg	Related Insert
TS.025.002	25	49	13	45	31	11	40	2	1	✓	0,29	A
TS.031.002	31	49	16	55	38	12	40	4	2	✓	0,34	B
TS.039.002	38,5	49	19	65	48	16	40	4	2	✓	0,41	C D
TS.048.002	48	78	25	80	60	20	50	4	2	✓	1,13	E
TS.058.002	58	78	31	95	75	26	50	6	2	✓	1,42	E

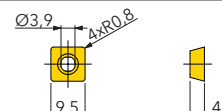
A SDMT080305N



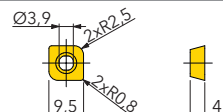
B SDES090416TN-002



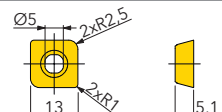
C SDES090408TN



D SDES090425TN-002



E SDES130525TN-002



Designation	fz(min/max)	Design	Grade	IN2505	IN4030						
SDMT080305N	0,13/0,17	positive geometry R0,5									
SDES090416TN-002	0,10/0,15	neutral geometry, K-land 2xR0,8/2xR1,6									
SDES090408TN	0,10/0,15	neutral geometry, K-land 4xR0,8									
SDES090425TN-002	0,10/0,15	neutral geometry, K-land 2xR0,8/2xR2,5									
SDES130525TN-002	0,12/0,20	neutral geometry, K-land 2xR1,0/2xR2,5									

● = P ● = M ● = K ● = N ● = S ○ = H

SPARE PARTS

①



②



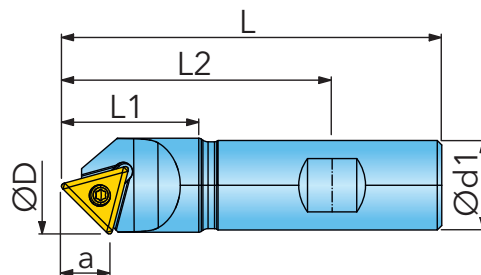
Diameter Range

25	SM30-065-00 (2,0Nm) DS-T09S
31 - 38,5	SM30-075-R0 (2,0Nm) DS-T09S
48 - 58	SM40-100-R0 (4,5Nm) DS-T15S

① = Insert screw ② = Screw driver

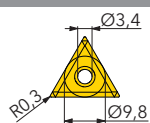
FORM CUTTERS

ADAPTION ACC. TO DIN 1835 B (WELDON)

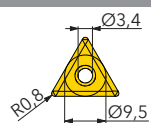


Designation	D	d1	L	L1	L2	a	Z	kg
FT.022.001	21,9	20	85	34	60	10,1	1	0,15

TFLT15T303N



TFLT15T308N



Designation	fz(min/max)	Design	Grade	IN2530								
TFLT15T303N	0,03/0,10	positive chip breaker geometry R0,3										
TFLT15T308N	0,03/0,10	positive wiper geometry R0,8										

● = P ● = M ● = K ● = N ● = S ○ = H

SPARE PARTS

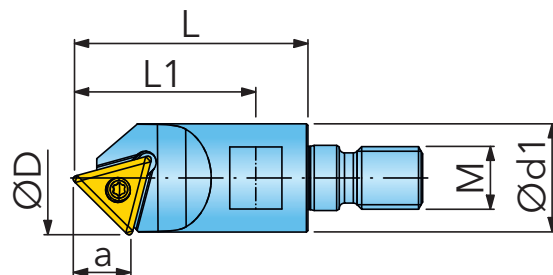


SM30-065-00 (2,0Nm) DS-T09S

① = Insert screw ② = Screw driver

FORM CUTTERS

SCREW-IN TYPE ADAPTION



Designation

D

d1

L

a

M

Z



FT.022.002

21,9

21

45

10,1

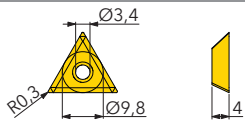
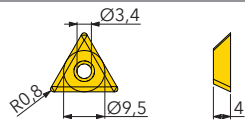
M12

1

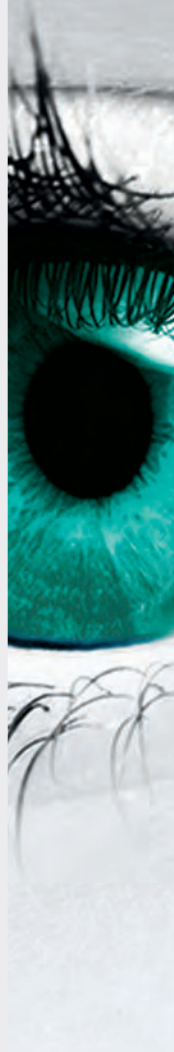
0,10

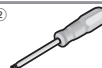
TRI GRAV FT10E01

FORM CUTTERS

TFLT15T303N			TFLT15T308N																		
																					
																					
Designation	fz(min/max)	Design	Grade																		
TFLT15T303N	0,03/0,10	positive chip breaker geometry R0,3																			
TFLT15T308N	0,03/0,10	positive wiper geometry R0,8																			

● = P ● = M ● = K ● = N ● = S ○ = H



SPARE PARTS													
①		②											
SM30-065-00 (2,0Nm) DS-T09S													

① = Insert screw ② = Screw driver