NEW

Member IMC Group
Ingersoll
Cutting Tools

WINSFEED

DIPOSQUADF

NEW ML CHIPFORMER
FOR SQGU11/SQGU14 INSERTS

NEW ML CHIPFORMER FOR A VARIETY OF MACHINING MATERIALS

- *Sharp cutting edge*
- *Suitable for long chip applications or tough ISO M material machining*
- *Better performance due to its smoother cutting*
- *Higher productivity*

No. 237 E / 6-2024

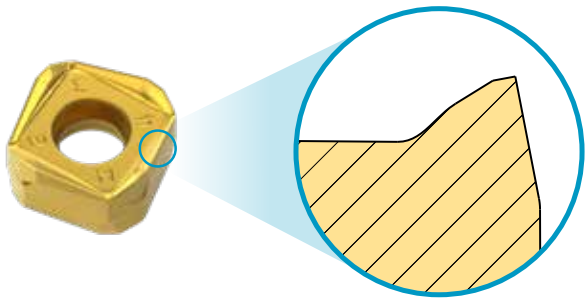
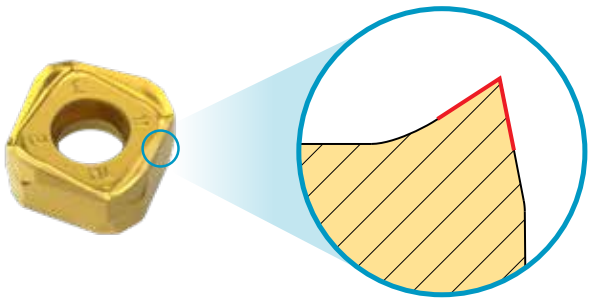
Product Overview

New ML chipformer for SQGU11 and SQGU14 inserts.

The high-performance and high-productivity **DiPosQuadF** milling line, targeting the medium and rough machining market, has introduced a new ML chip former to address a variety of material machining needs.

With a sharp cutting edge suitable for long chip applications or tough ISO M material machining, this **ML** chipformer provides even better stability due to its smoother cutting, resulting in higher productivity.

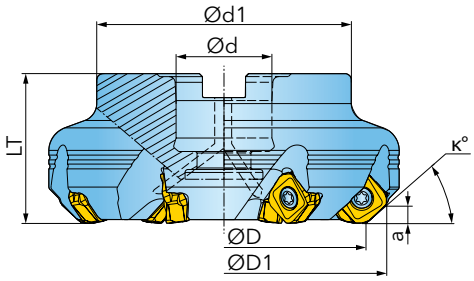
ML chipformer with sharp cutting edge

Current M chipformer	New ML chipformer
	

Advantages

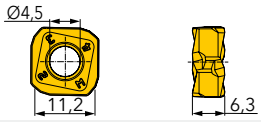
- Sharp cutting edge
- Suitable for long chip applications or tough ISO M material machining
- A better stability due to its smoother cutting
- Higher productivity

ADAPTION ACC. TO DIN 8030

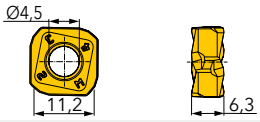


Designation	D	D1	d	d1	LT	LK	κ	a	Z	IK	kg
DN6G040R00	40	51	16	38	40	-	45	4,2	4	✓	0,4
DN5G040R00	40	51	16	38	40	-	45	4,2	6	✓	0,4
DN6G050R00	50	61	22	45	40	-	45	4,2	6	✓	0,5
DN5G050R00	50	61	22	45	40	-	45	4,2	8	✓	0,5
DN6G063R00	63	74	22	47	50	-	45	4,2	7	✓	1,0
DN5G063R00	63	74	22	47	50	-	45	4,2	10	✓	1,0
DN6G080R00	80	91	27	70	50	-	45	4,2	8	✓	1,6
DN5G080R00	80	91	27	70	50	-	45	4,2	12	✓	1,6
DN6G100R00	100	111	32	85	50	-	45	4,2	9	✓	2,4
DN5G100R00	100	111	32	85	50	-	45	4,2	14	✓	2,5
DN6G125R00	125	136	40	85	63	-	45	4,2	12	✓	4,0
DN5G125R00	125	136	40	85	63	-	45	4,2	18	✓	4,1
DN6G160R00	160	171	40	110	63	66,1	45	4,2	16		5,6
DN5G160R00	160	171	40	110	63	66,1	45	4,2	24		5,6

SQGU1105ANR-M



SQGU1105ANR-ML

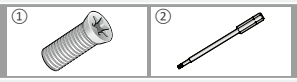


Designation	fz(min/max)	Design	Grade	IN2036	IN2505	IN2510	IN2530	IN6537
SQGU1105ANR-M [1]	0,20/1,50	positive geometry			●	●		●
SQGU1105ANR-ML [1]	0,10/1,00	high-positive geometry		●	●		●	

[1] * Cutting data dependent on cutter type!

● = P ● = M ● = K ● = N ● = S ○ = H

SPARE PARTS

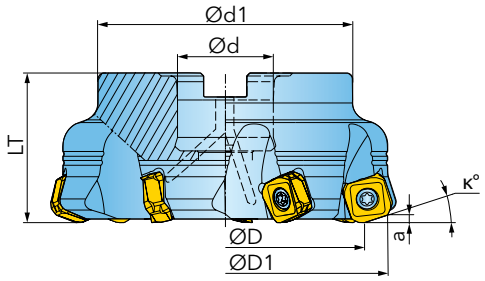


	SM40-115-00 (4,5Nm)	TX15x90-B

① = insert screw ② = Torx-bit

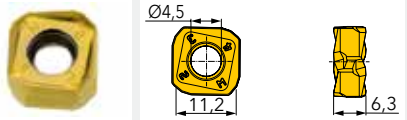
DIPOSQUAD^{f} HIGH FEED MILL DG6G

ADAPTION ACC. TO DIN 8030

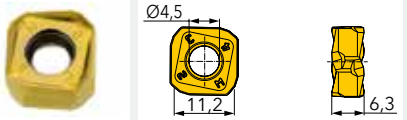


Designation	D	D1	d	d1	LT	κ	a	Z	IK	kg
DG6G050R00	50	63,5	22	45	40	20	1,8	4	✓	0,50
DG6G063R00	63	76,5	22	47	50	20	1,8	5	✓	0,90
DG6G080R00	80	93,5	27	70	50	20	1,8	6	✓	1,50
DG6G100R00	100	113,5	32	85	50	20	1,8	8	✓	2,20

SQGU1105ANR-M



SQGU1105ANR-ML

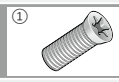


Designation	fz(min/max)	Design	Grade IN2036	IN2505	IN2510	IN2530	IN6537
SQGU1105ANR-M [1)]	0,20/1,50	positive geometry		●	◐		●
SQGU1105ANR-ML [1)]	0,10/1,00	high-positive geometry	◐	●		◑	

[1)] * Cutting data dependent on cutter type!

● = P ● = M ● = K ● = N ● = S ○ = H

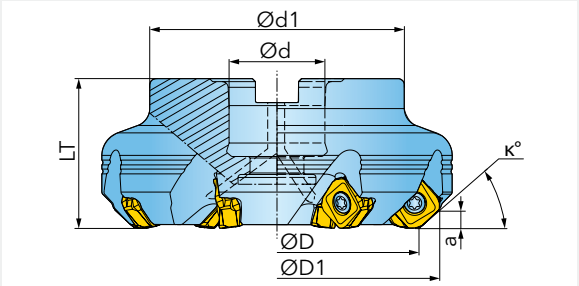
SPARE PARTS



	SM40-115-00 (4,5Nm)	TX15x90-B

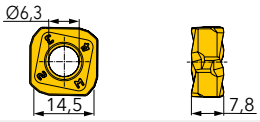
① = insert screw ② = Torx-bit

ADAPTION ACC. TO DIN 8030



Designation	D	D1	d	d1	LT	LK	κ	a	Z	IK	kg
DN6K050R00	50	65,5	22	45	40	-	45	6,0	4	✓	0,6
DN5K050R00	50	65,5	22	45	40	-	45	6,0	6	✓	0,6
DN6K063R00	63	78,5	22	47	50	-	45	6,0	6	✓	1,1
DN5K063R00	63	78,5	22	47	50	-	45	6,0	8	✓	1,0
DN6K080R00	80	95,5	27	70	50	-	45	6,0	7	✓	1,7
DN5K080R00	80	95,5	27	70	50	-	45	6,0	10	✓	1,7
DN6K100R00	100	115,5	32	85	50	-	45	6,0	8	✓	2,6
DN5K100R00	100	115,5	32	85	50	-	45	6,0	12	✓	2,5
DN6K125R00	125	140,5	40	85	63	-	45	6,0	10	✓	4,4
DN5K125R00	125	140,5	40	85	63	-	45	6,0	16	✓	4,3
DN6K160R00	160	175,5	40	110	63	66,7	45	6,0	12		5,9
DN5K160R00	160	175,5	40	110	63	66,7	45	6,0	20		5,9
DN6K200R00	200	215,5	60	130	63	101,6	45	6,0	18		8,4
DN5K200R00	200	215,5	60	130	63	101,6	45	6,0	26		8,3

SQGU1406ANR-M



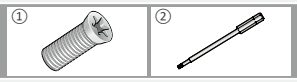
SQGU1406ANR-ML

Designation	fz(min/max)	Design	Grade	IN2036	IN2505	IN2510	IN2530	IN6537
SQGU1406ANR-M [1]	0,25/2,30	positive geometry			●	●		●
SQGU1406ANR-ML [1]	0,10/1,30	high-positive geometry		●	●		●	

[1] * Cutting data dependent on cutter type!

● = P ● = M ● = K ● = N ● = S ○ = H

SPARE PARTS

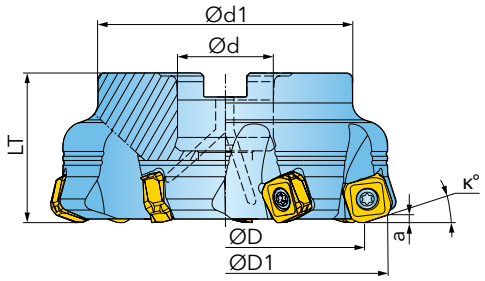


TS 50C130I/HG (6,0Nm) TX20x90-B

① = insert screw ② = Torx-bit

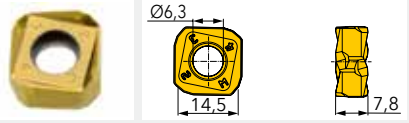
DIPOSQUAD^{f} HIGH FEED MILL DG6K

ADAPTION ACC. TO DIN 8030

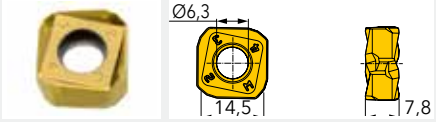


Designation	D	D1	d	d1	LT	κ	a	Z	IK	kg
DG6K063R00	63	80,6	22	47	50	20	2,5	5	✓	1,0
DG6K080R00	80	97,6	27	70	50	20	2,5	6	✓	1,7
DG6K100R00	100	117,5	32	85	50	20	2,5	7	✓	2,5
DG6K125R00	125	142,5	40	85	63	20	2,5	8	✓	4,3

SQGU1406ANR-M



SQGU1406ANR-ML

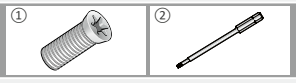


Designation	fz(min/max)	Design	Grade	IN2036	IN2505	IN2510	IN2530	IN6537
SQGU1406ANR-M [1)]	0,25/2,30	positive geometry			●	●		●
SQGU1406ANR-ML [1)]	0,10/1,30	high-positive geometry		●	●		●	

[1)] * Cutting data dependent on cutter type!

● = P ● = M ● = K ● = N ● = S ○ = H

SPARE PARTS



	TS 50C130I/HG (6,0Nm)	TX20x90-B

① = insert screw ② = Torx-bit

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