

NEW PRODUCT NEWS



Taegutec Solid End Mill Line

MAXIRUSH

INDEXABLE SOLID HEADS



MAXI-RUSH LINE EXPANDED



KEY POINT

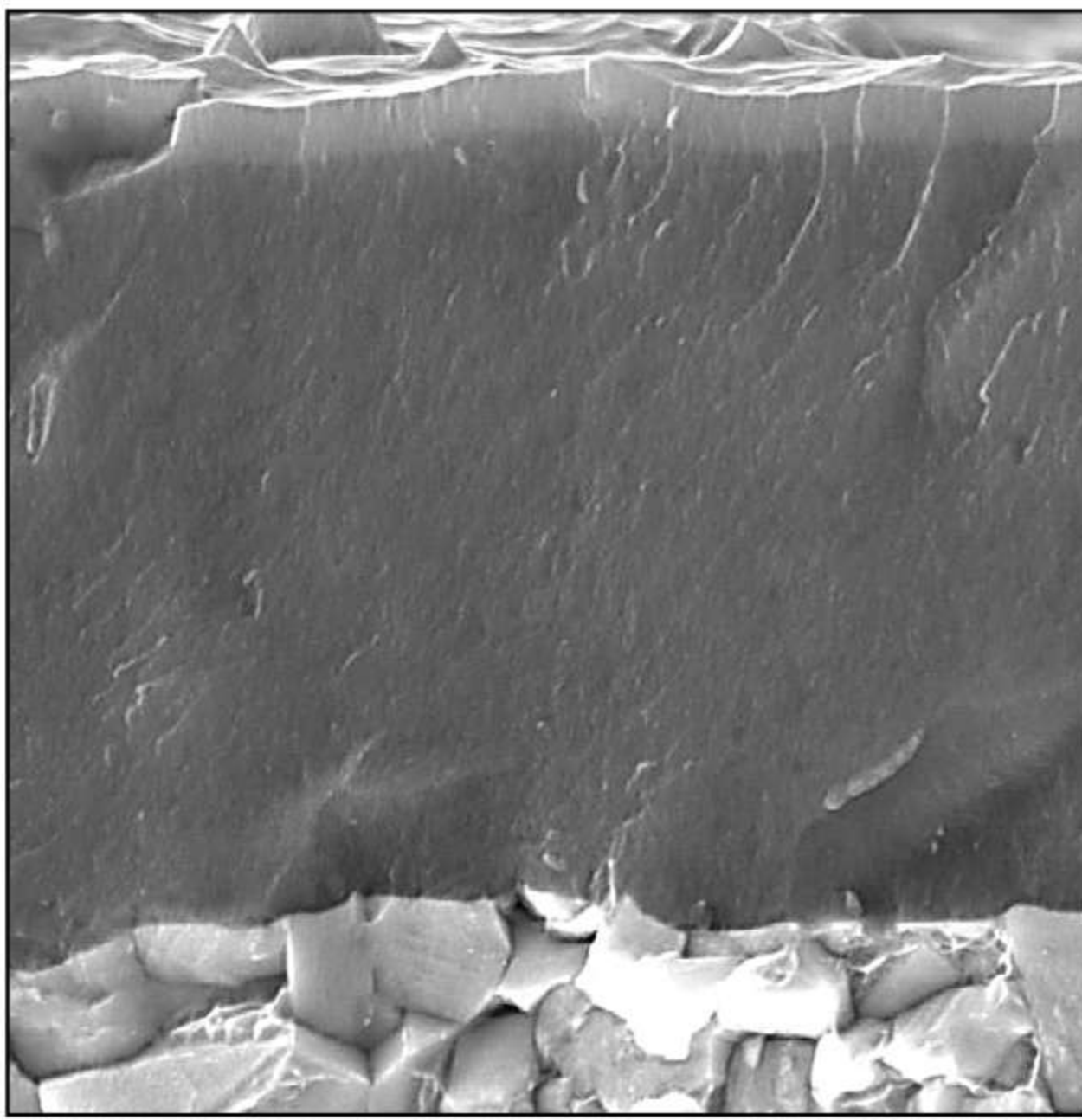
TaeguTec has expanded the MAXI-RUSH line.

TaeguTec's innovative indexable head solid carbide end mill type, the MAXI-RUSH line, has been expanded.

The MAXI-RUSH product line known for minimized set-up time, due to easy indexable head replacement with high rigidity, enables excellent machining precision. With this expansion of the MAXI-RUSH line, customers now have a wider operation range to choose from.

Please contact the product manager for further details.

new TT5513 Grade Features



- Ultra-fine substrate with optimum toughness features excellent abrasion resistance
- Nano-crystalline structured AlTiN layer
- Anti-abrasion and cracking resistant PVD coated layer
- Suitable for mold steels and pre hardened steels

Taegutec Solid End Mill Line

MAXIRUSH heads



MAXIRUSH shanks & adapters

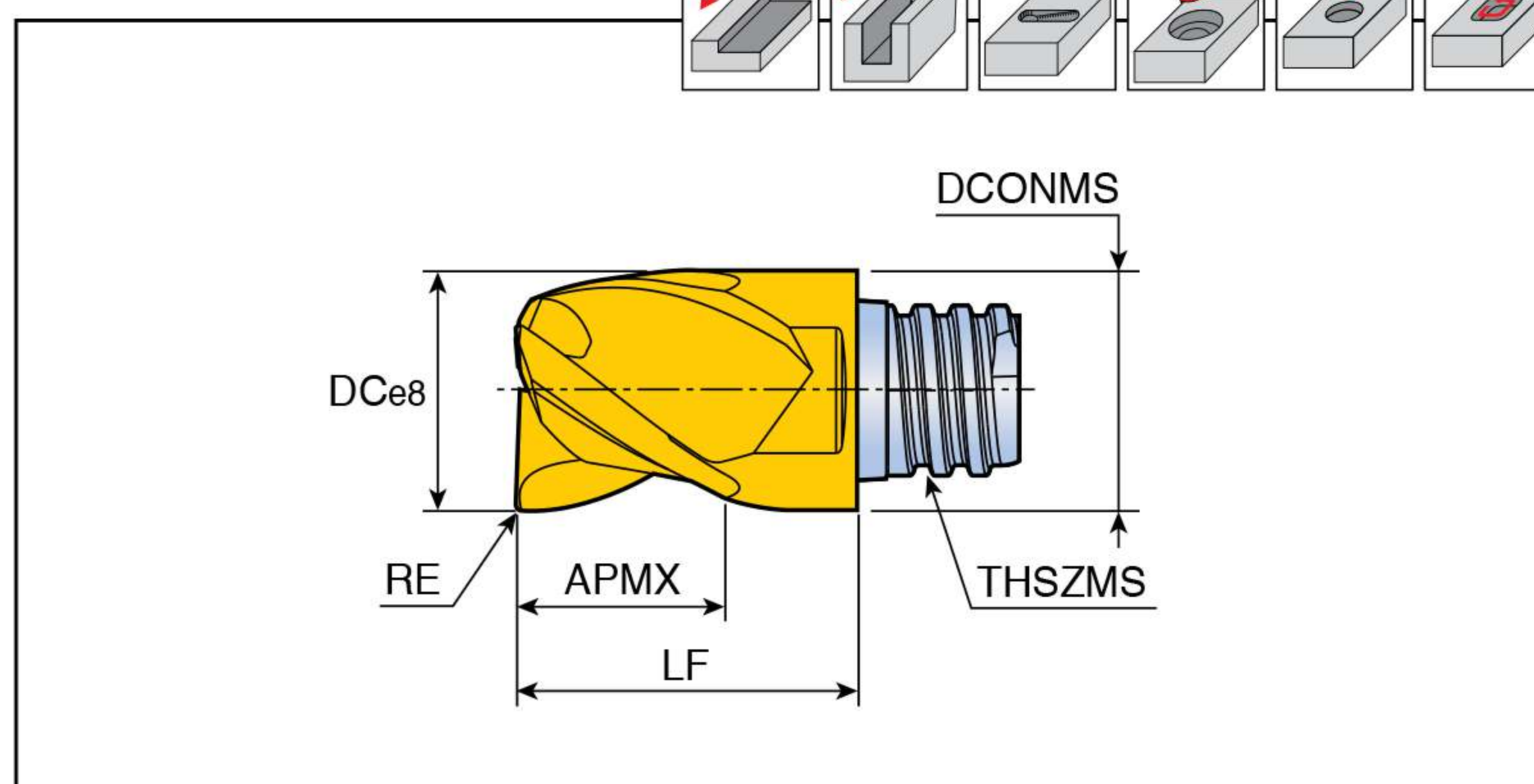
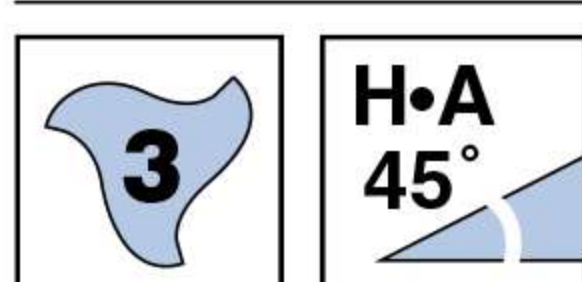
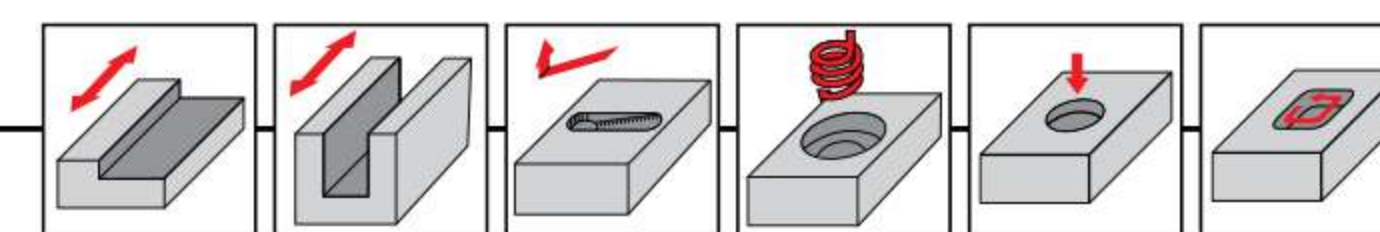


Taegutec Solid End Mill Line

MXEE-03



3 flute, for general purpose

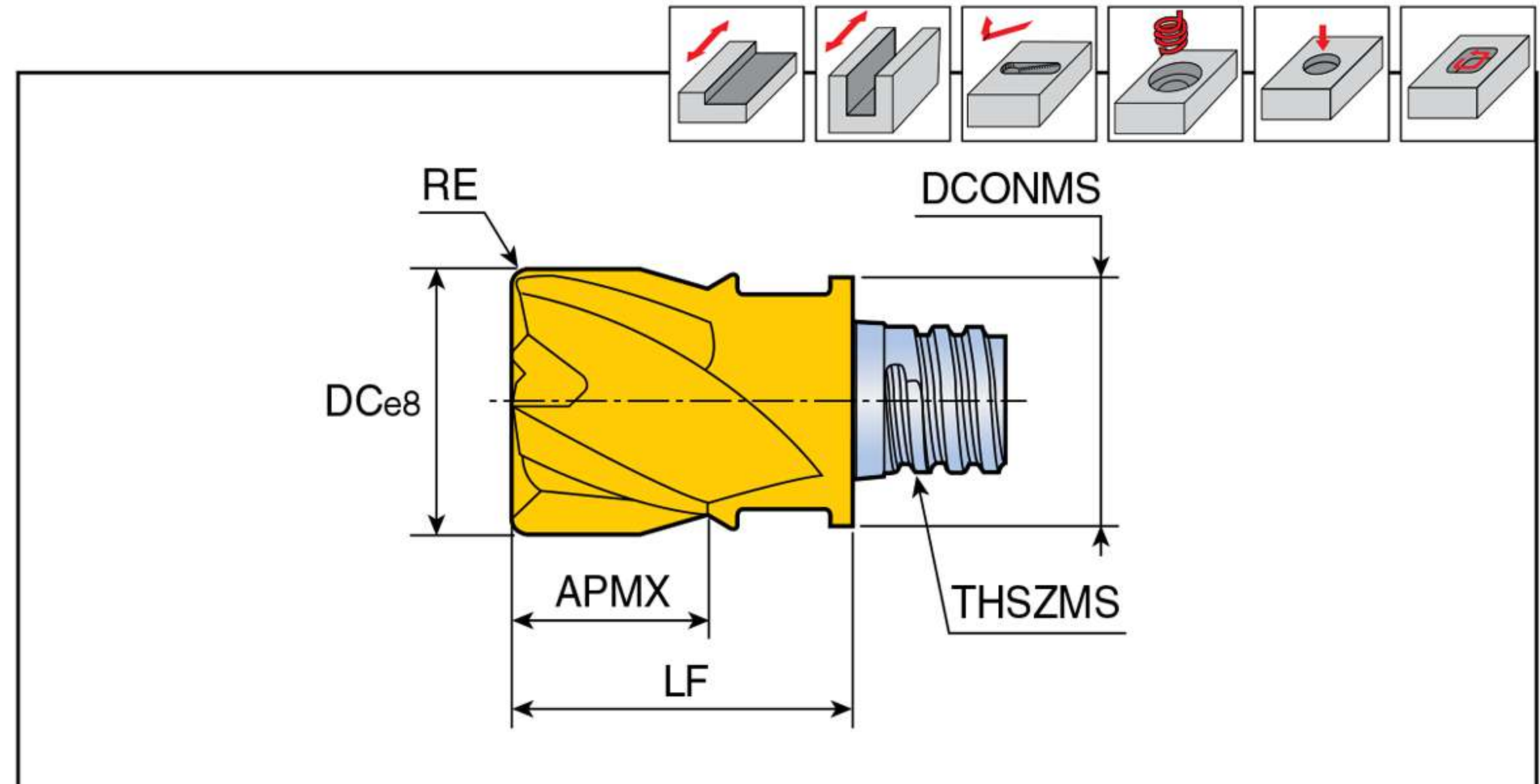


Designation	Feed (mm/tooth)	Dimension (mm)						Grade
		DC	RE	APMX	LF	THSZMS	DCONMS	TT5523
MXEE 080L05R00-03S05	0.03-0.09	8	-	5	10.0	S05	7.7	●
100L07R00-03S06	0.03-0.10	10	-	7	13.0	S06	9.7	●
120L09R00-03S08	0.04-0.11	12	-	9	16.5	S08	11.7	●

▶ Wrench should be ordered separately ●: Standard items

MXEE(D)-04

4 flute, for general purpose



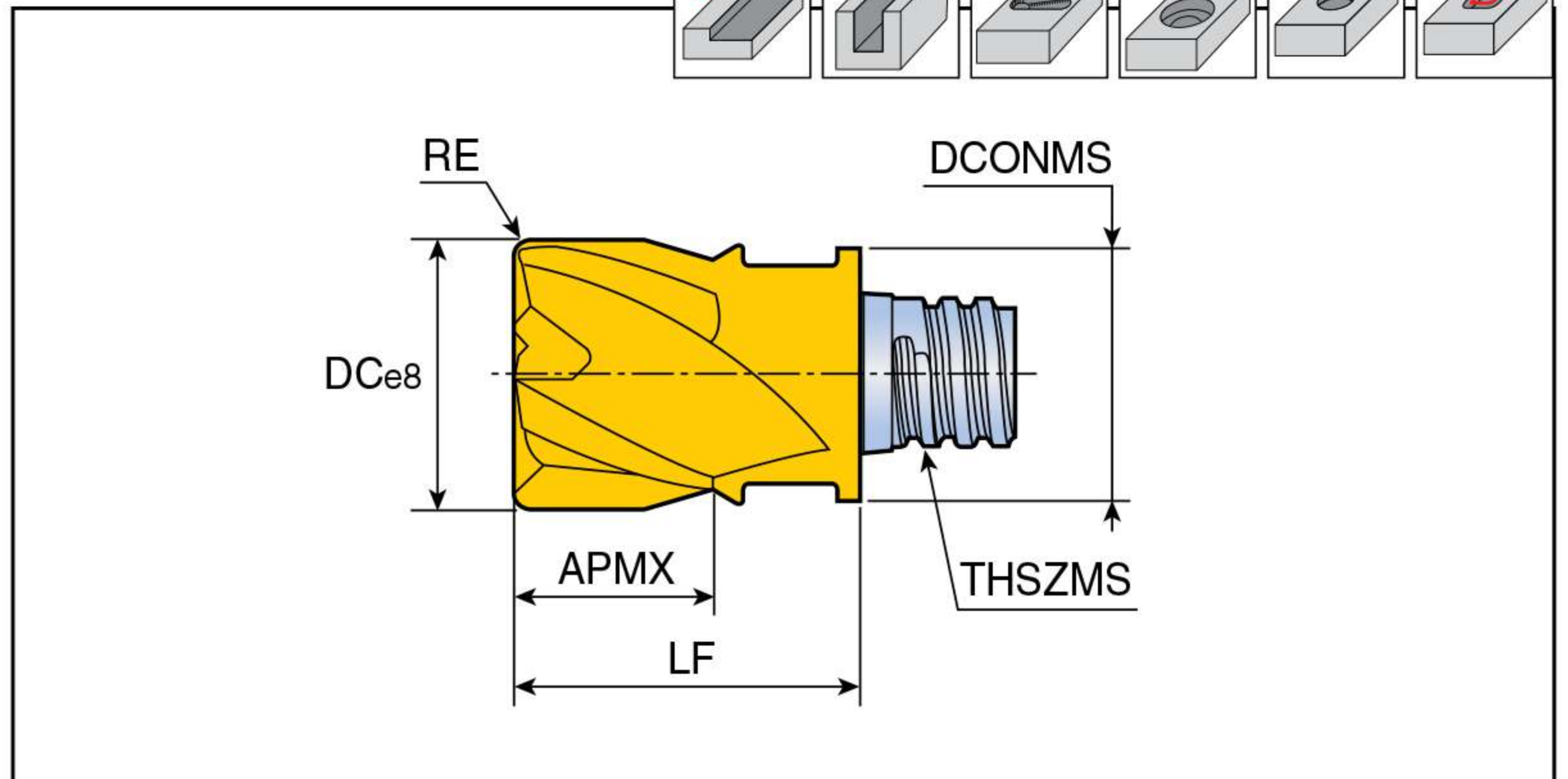
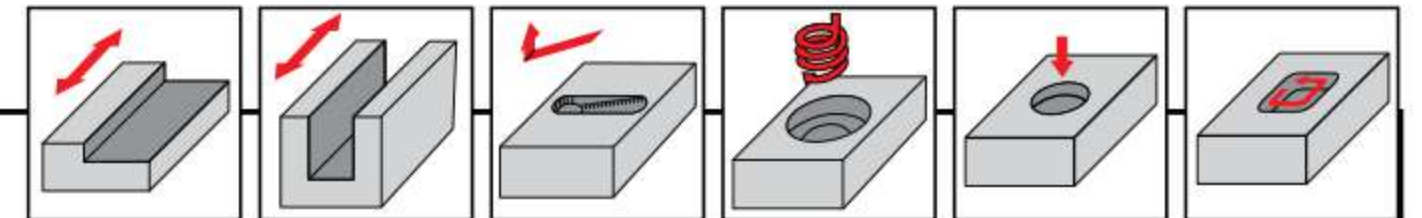
Designation	Feed (mm/tooth)	Dimension (mm)							Grade
		DC	RE	FHA	APMX	LF	THSZMS	DCONMS	
MXEE 050L04R05-04S04 new	0.02-0.06	5	0.5	45	4	8.5	S04	6.0	●
MXEE 050L07R00-04S05 new	0.02-0.06	5	-	45	7	15.0	S05	8.0	●
MXEE 060L04R05-04S04 new	0.02-0.04	6	0.5	45	4	8.5	S04	5.8	●
MXEE 060L05R00-04S05	0.03-0.04	6	-	45	5	10.0	S05	8.0	●
MXED 080L05R05-04S05	0.03-0.09	8	0.5	30	5	10.0	S05	7.7	●
MXED 080L05R10-04S05	0.03-0.09	8	1.0	30	5	10.0	S05	7.7	●
MXED 080L05R15-04S05	0.03-0.09	8	1.5	30	5	10.0	S05	7.7	●
MXED 080L09R05-04S05	0.03-0.09	8	0.5	30	9	15.0	S05	7.7	●
MXEE 080L05R00-04S05 new	0.03-0.09	8	-	45	5	10.0	S05	7.7	●
MXEE 080L05R05-04S05 new	0.03-0.09	8	0.5	45	5	10.0	S05	7.7	●
MXEE 080L05R10-04S05 new	0.03-0.09	8	1.0	45	5	10.0	S05	7.7	●
MXEE 080L09R00-04S05 new	0.03-0.09	8	-	45	9	15.0	S05	7.7	●
MXED 100L07R05-04S06	0.03-0.10	10	0.5	30	7	13.0	S06	9.6	●
MXED 100L07R10-04S06	0.03-0.10	10	1.0	30	7	13.0	S06	9.6	●
MXEE 100L07R00-04S06	0.03-0.10	10	-	45	7	13.0	S06	9.6	●
MXEE 100L07R05-04S06	0.03-0.10	10	0.5	45	7	13.0	S06	9.6	●
MXEE 100L07R10-04S06	0.03-0.10	10	1.0	45	7	13.0	S06	9.6	●
MXEE 100L12R00-04S06 new	0.03-0.10	10	-	45	12	19.0	S06	9.6	●
MXED 120L09R05-04S08	0.04-0.11	12	0.5	30	9	16.5	S08	11.7	●
MXED 120L09R10-04S08	0.04-0.11	12	1.0	30	9	16.5	S08	11.7	●
MXEE 120L09R00-04S08	0.04-0.11	12	-	45	9	16.5	S08	11.7	●
MXEE 120L09R05-04S08	0.04-0.11	12	0.5	45	9	16.5	S08	11.7	●
MXEE 120L09R10-04S08	0.04-0.11	12	1.0	45	9	16.5	S08	11.7	●
MXEE 120L14R00-04S08 new	0.04-0.11	12	-	45	14	23.0	S08	11.7	●
MXED 160L12R05-04S10	0.05-0.13	16	0.5	30	12	20.5	S10	15.3	●
MXED 160L12R10-04S10	0.05-0.13	16	1.0	30	12	20.5	S10	15.3	●
MXED 160L12R15-04S10	0.05-0.13	16	1.5	30	12	20.5	S10	15.3	●
MXED 160L12R20-04S10	0.05-0.13	16	2.0	30	12	20.5	S10	15.3	●
MXED 160L12R30-04S10 new	0.05-0.13	16	3.0	30	12	20.5	S10	15.3	●
MXED 160L12R40-04S10 new	0.05-0.13	16	4.0	30	12	20.5	S10	15.3	●
MXEE 160L12R00-04S10	0.05-0.13	16	-	45	12	20.5	S10	15.3	●
MXEE 160L12R05-04S10	0.05-0.13	16	0.5	45	12	20.5	S10	15.3	●
MXEE 160L12R10-04S10	0.05-0.13	16	1.0	45	12	20.5	S10	15.3	●
MXEE 160L12R15-04S10	0.05-0.13	16	1.5	45	12	20.5	S10	15.3	●
MXEE 160L12R20-04S10	0.05-0.13	16	2.0	45	12	20.5	S10	15.3	●

▶ Wrench should be ordered separately
 ▶ FHA: Flute helix angle

●: Standard items

MXEE(D)-04

4 flute, for general purpose



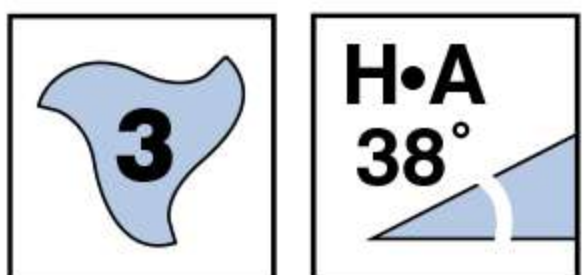
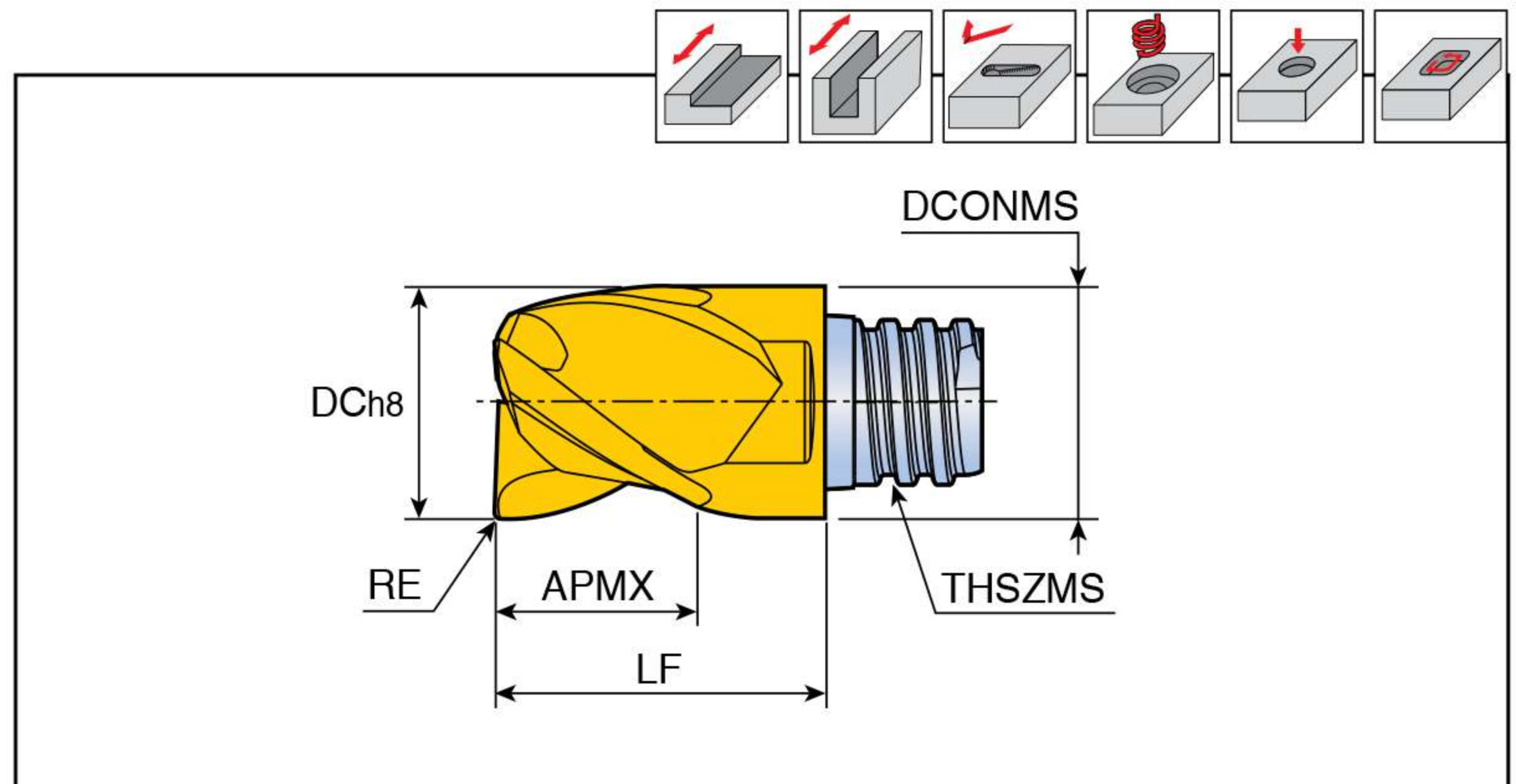
Designation	Feed (mm/tooth)	Dimension (mm)							Grade TT5523
		DC	RE	FHA	APMX	LF	THSZMS	DCONMS	
MXEE 160L12R30-04S10	0.05-0.13	16	3.0	45	12	20.5	S10	15.3	●
MXEE 160L12R40-04S10	0.05-0.13	16	4.0	45	12	20.5	S10	15.3	●
MXED 200L15R05-04S12	0.05-0.13	20	0.5	30	15	25.5	S12	18.3	●
MXED 200L15R10-04S12	0.05-0.13	20	1.0	30	15	25.5	S12	18.3	●
MXED 200L15R20-04S12	0.05-0.13	20	2.0	30	15	25.5	S12	18.3	●
MXED 200L15R30-04S12	0.05-0.13	20	3.0	30	15	25.5	S12	18.3	●
MXEE 200L15R00-04S12	0.05-0.13	20	-	45	15	25.5	S12	18.3	●

► Wrench should be ordered separately ●: Standard items
 ► FHA: Flute helix angle

Taegutec Solid End Mill Line

MXEE-03

3 flute, for keyways



Designation	Feed (mm/tooth)	Dimension (mm)						Grade
		DC	RE	APMX	LF	THSZMS	DCONMS	
MXEE 077L04R02-03S05	0.03-0.08	7.7	0.2	4	10.0	S05	7.7	●
097L05R03-03S06	0.03-0.09	9.7	0.3	5	13.0	S06	9.7	●
117L07R03-03S08	0.03-0.10	11.7	0.3	7	16.5	S08	11.7	●
157L08R03-03S10	0.04-0.12	15.7	0.3	8	20.5	S10	15.3	●
197L12R04-03S12	0.05-0.13	19.7	0.4	12	25.5	S12	18.3	●

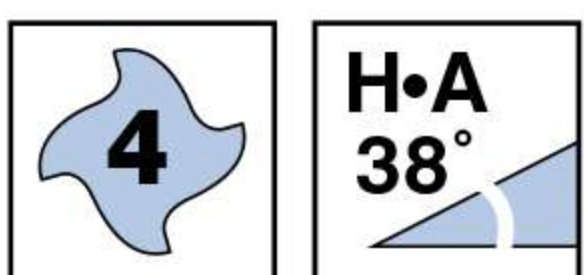
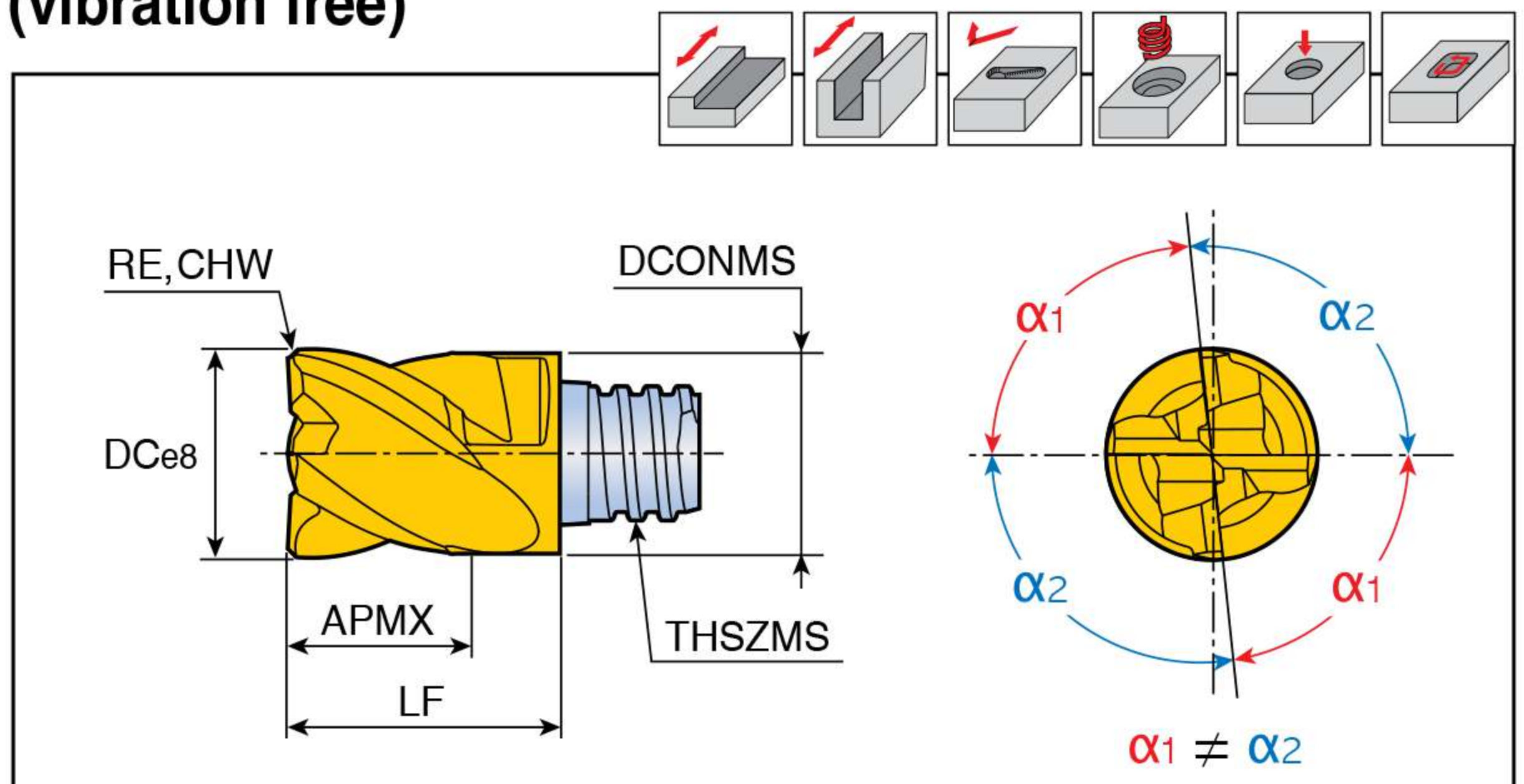
► Wrench should be ordered separately

●: Standard items

MXEE-I04



4 flute, unequal spacing of cutting edges (vibration free)



Designation	Feed (mm/tooth)	Dimension (mm)							Grade
		DC	RE	CHW	APMX	LF	THSZMS	DCONMS	
MXEE 080L05C30I04S05	0.03-0.09	8	-	0.3	5	10.0	S05	7.7	●
100L07C40I04S06	0.03-0.10	10	-	0.4	7	13.0	S06	9.7	●
120L09C50I04S08	0.04-0.11	12	-	0.5	9	16.5	S08	11.7	●
160L12C60I04S10	0.05-0.13	16	-	0.6	12	20.5	S10	15.3	●
200L15C60I04S12	0.05-0.17	20	-	0.6	15	25.5	S12	18.3	●
250L22C60I04S15	0.06-0.17	25	-	0.6	22	37.0	S15	23.9	●
250L22R00I04S15	0.06-0.17	25	-	-	22	37.0	S15	23.9	●
250L22R05I04S15	0.06-0.17	25	0.5	-	22	37.0	S15	23.9	●
250L22R10I04S15	0.06-0.17	25	1.0	-	22	37.0	S15	23.9	●
250L22R20I04S15	0.06-0.17	25	2.0	-	22	37.0	S15	23.9	●
250L22R30I04S15	0.06-0.17	25	3.0	-	22	37.0	S15	23.9	●

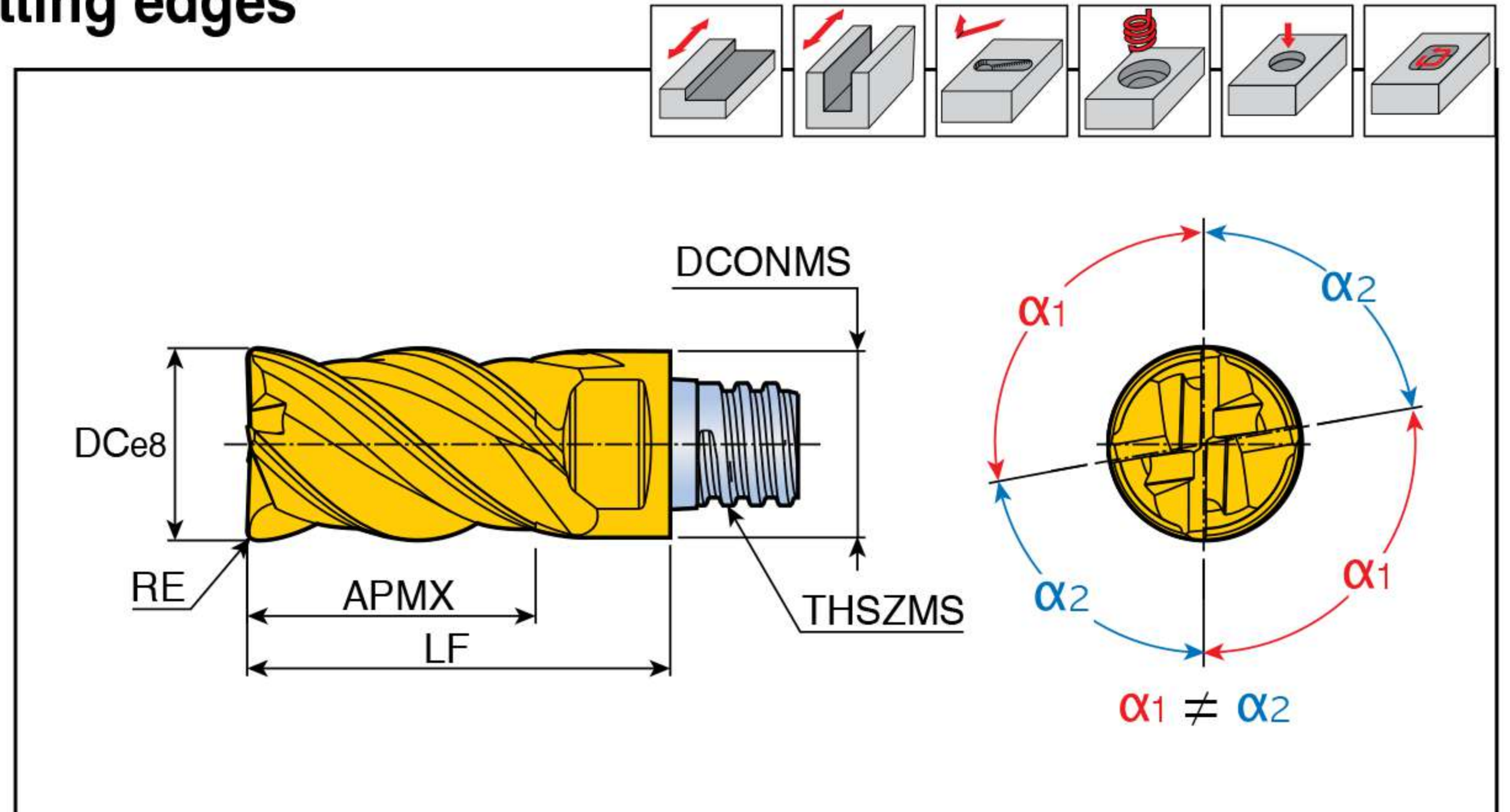
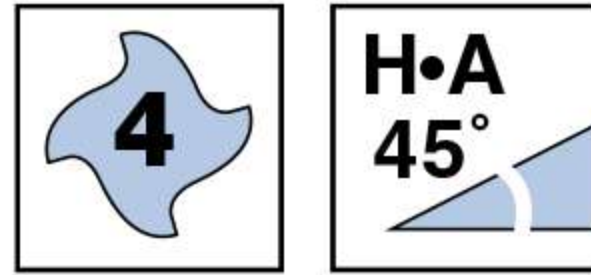
► Wrench should be ordered separately

●: Standard items

MXES-R new



4 flute, unequal space & variable helix cutting edges



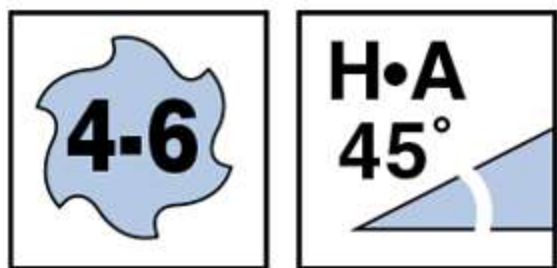
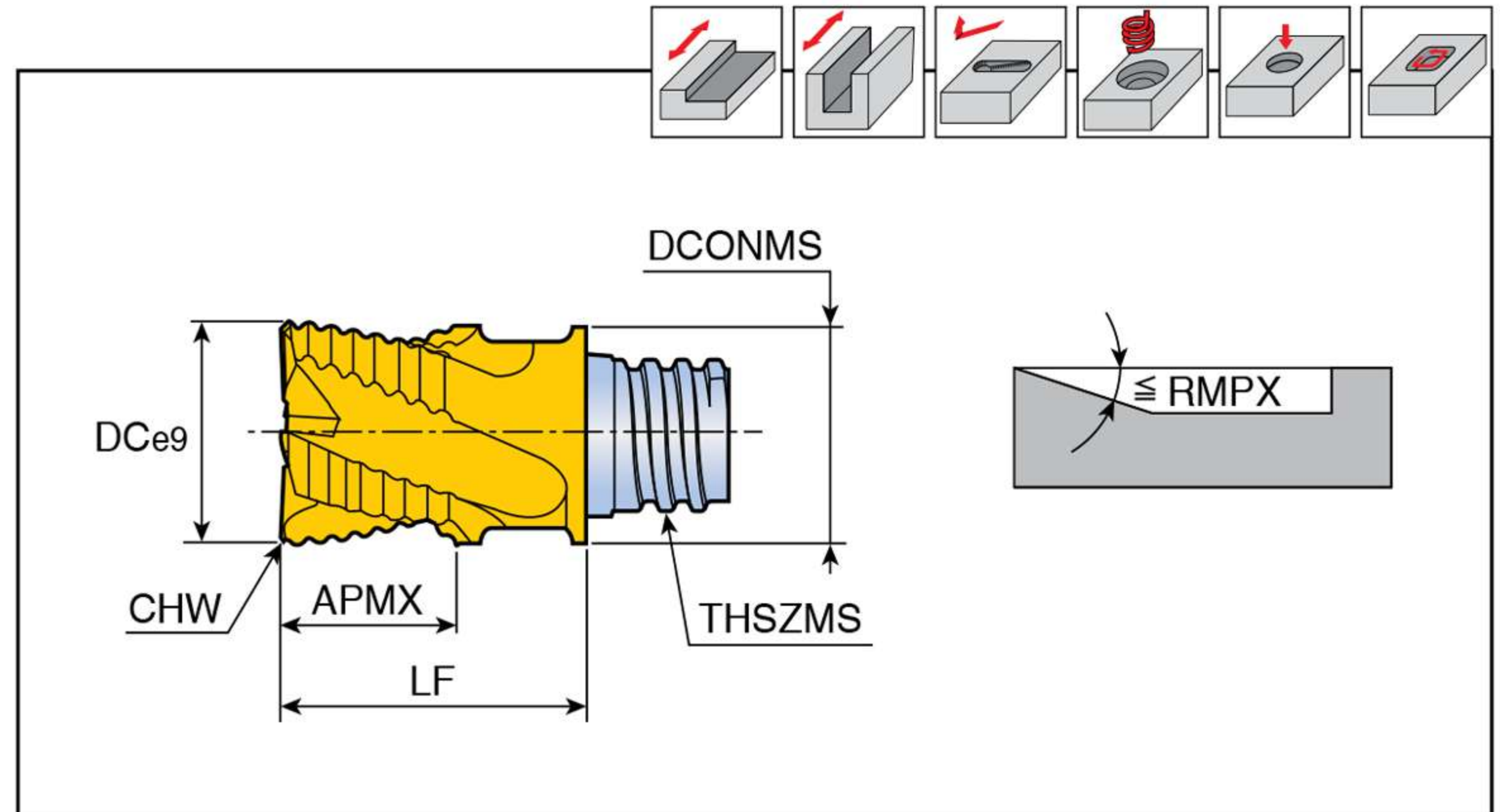
Designation	Feed (mm/tooth)	Dimension (mm)						Grade
		DC	RE	APMX	LF	THSZMS	DCONMS	
MXES 080H05R05I04S05	0.03-0.09	8	0.5	5	10.0	S05	7.7	●
080H12R05I04S05	0.03-0.08	8	0.5	12	18.0	S05	7.7	●
100H07R05I04S06	0.03-0.10	10	0.5	7	13.0	S06	9.7	●
100H15R05I04S06	0.03-0.09	10	0.5	15	22.0	S06	9.7	●
120H09R05I04S08	0.04-0.11	12	0.5	9	16.5	S08	11.7	●
120H18R05I04S08	0.04-0.10	12	0.5	18	27.0	S08	11.7	●
160H12R05I04S10	0.05-0.13	16	0.5	12	20.5	S10	15.3	●
160H24R05I04S10	0.04-0.10	16	0.5	24	33.5	S10	15.3	●
200H15R05I04S12	0.05-0.17	20	0.5	15	25.5	S12	18.5	●
200H30R05I04S12	0.05-0.11	20	0.5	30	41.0	S12	18.5	●
250H22R05I04S15	0.06-0.17	25	0.5	22	37.0	S15	23.9	●
250H37R05I04S15	0.05-0.12	25	0.5	37	52.5	S15	23.9	●

► Wrench should be ordered separately ●: Standard items

MXEE-R



4-6 flute, for roughing



Designation	Feed (mm/tooth)	Dimension (mm)								Grade
		DC	NOF	CHW	APMX	LF	THSZMS	DCONMS	RMPX	
MXEE 080L05C25R04S05	0.03-0.08	8	4	0.25	5	10.0	S05	7.7	5	●
100L07C30R04S06	0.03-0.09	10	4	0.30	7	13.0	S06	9.7	5	●
120L09C35R04S08	0.04-0.10	12	4	0.35	9	16.5	S08	11.7	5	●
160L12C40R05S10	0.04-0.10	16	5	0.40	12	20.5	S10	15.3	5	●
200L15C40R06S12	0.05-0.11	20	6	0.40	15	25.5	S12	18.3	3	●
250L22C50R06S15	0.05-0.11	25	6	0.50	22	37.0	S15	23.9	3	●

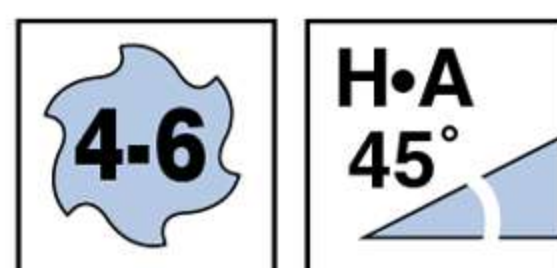
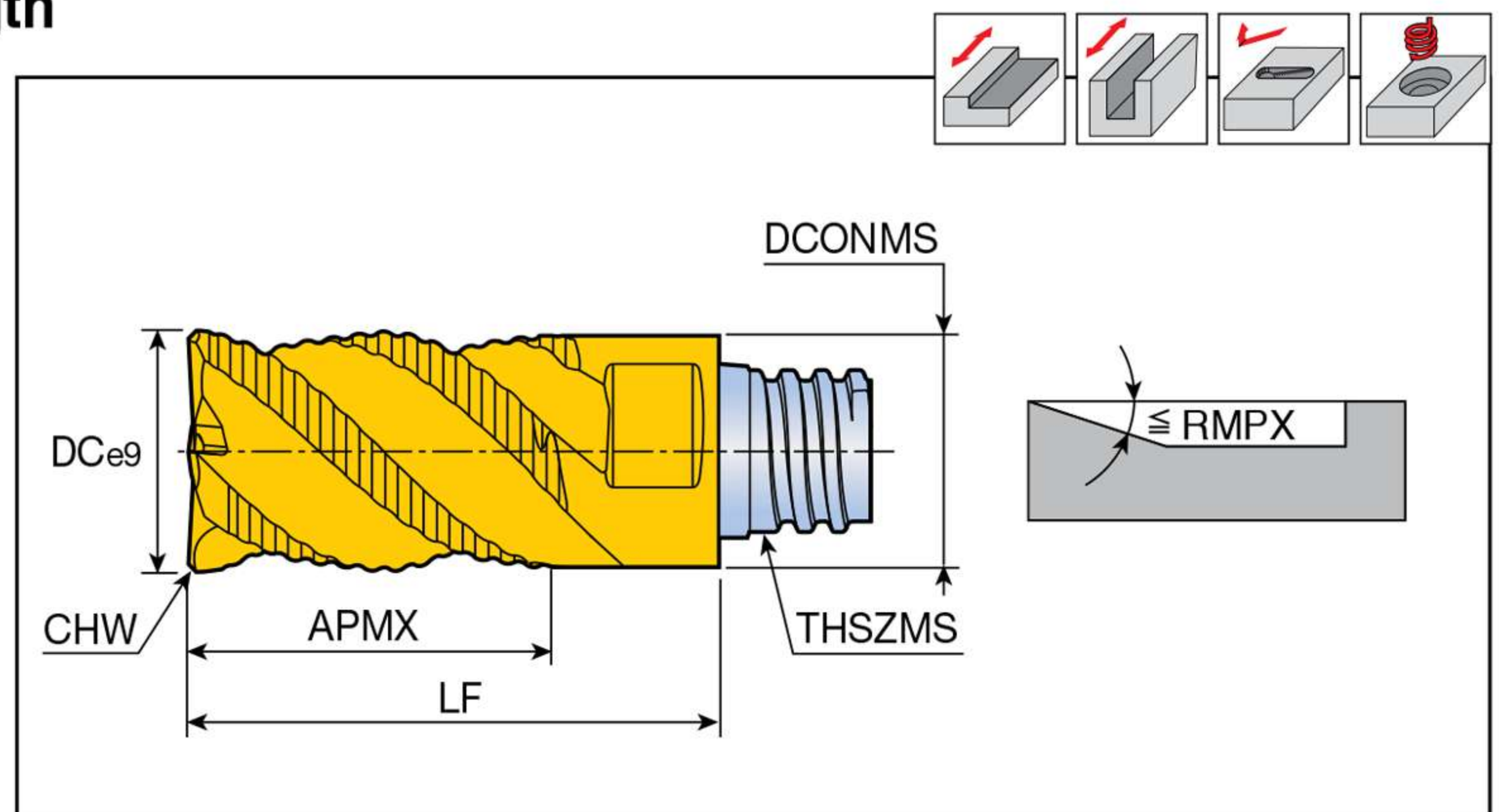
- ▶ Wrench should be ordered separately
- ▶ NOF: Number of flutes
- ▶ RMPX: Ramping angle maximum

●: Standard items

MXEE-R-1.5D new



4-6 flute, for roughing with 1.5D flute length



Designation	Feed (mm/tooth)	Dimension (mm)								Grade
		DC	NOF	CHW	APMX	LF	THSZMS	DCONMS	RMPX	
MXEE 080L12C25R04S05	0.03-0.08	8	4	0.25	12	18.0	S05	7.7	5	●
100L15C30R04S06	0.03-0.09	10	4	0.30	15	22.0	S06	9.6	5	●
120L18C35R04S08	0.04-0.10	12	4	0.35	18	27.0	S08	11.7	5	●
160L24C40R05S10	0.04-0.10	16	5	0.40	24	33.5	S10	15.3	5	●
200L30C40R06S12	0.05-0.11	20	6	0.40	30	41.0	S12	18.5	3	●

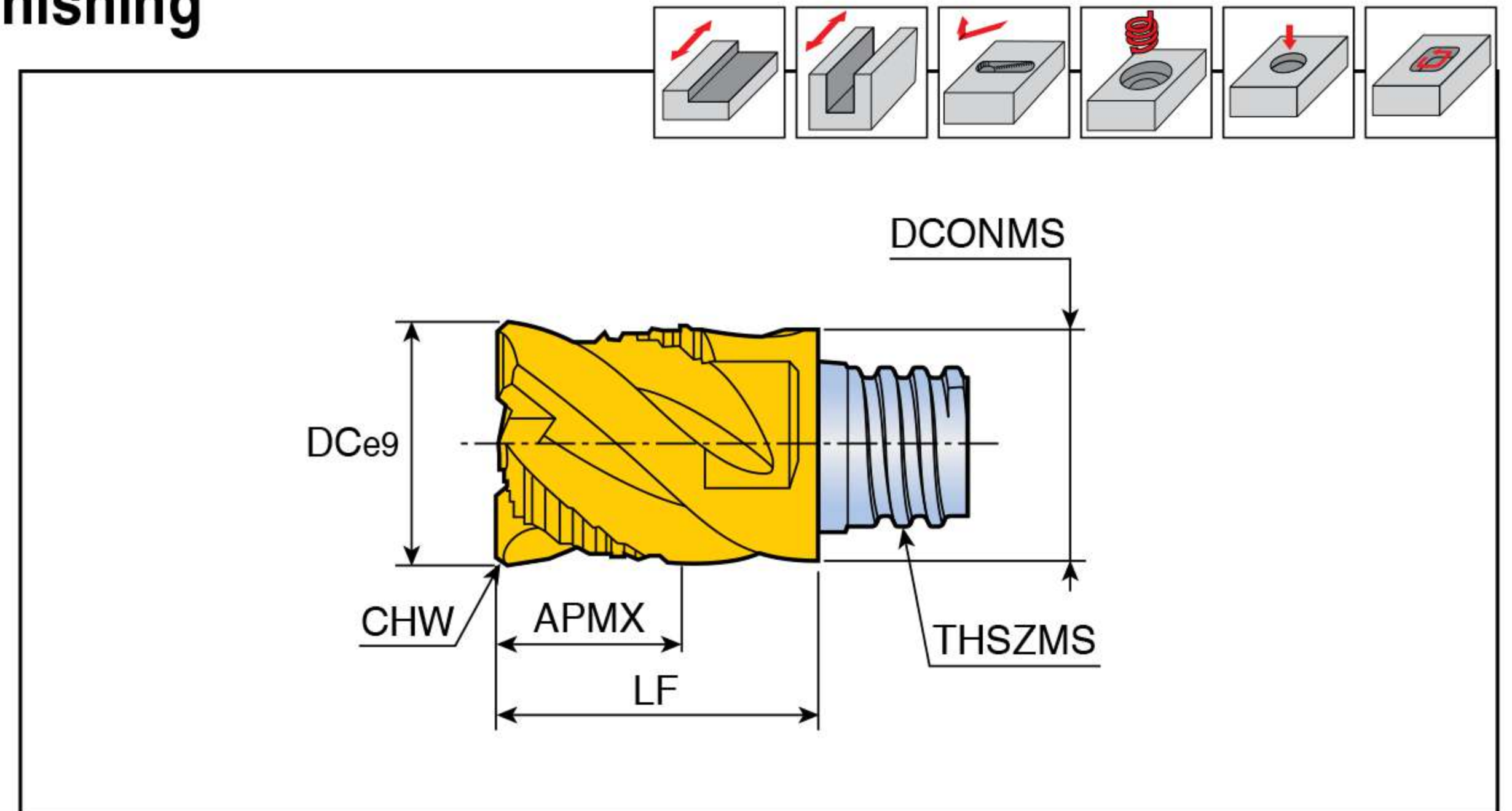
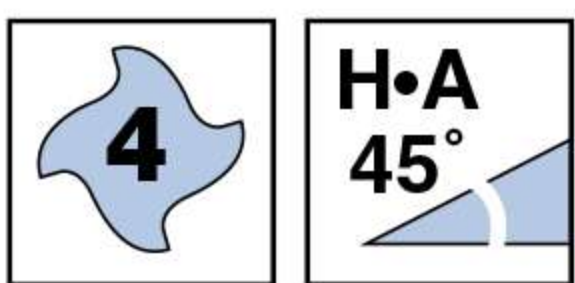
- ▶ Wrench should be ordered separately
- ▶ NOF: Number of flutes
- ▶ RMPX: Ramping angle maximum

●: Standard items

MXEE-C04



4 flute, combined edges for roughing & finishing



Designation	Feed (mm/tooth)	Dimension (mm)						Grade
		DC	CHW	APMX	LF	THSZMS	DCONMS	
MXEE 080L05C30C04S05	0.03-0.08	8	0.3	5	10.0	S05	7.7	●
100L07C30C04S06	0.03-0.09	10	0.3	7	13.0	S06	9.7	●
120L09C40C04S08	0.04-0.10	12	0.4	9	16.5	S08	11.7	●
160L12C60C04S10	0.05-0.11	16	0.6	12	20.5	S10	15.3	●
200L15C60C04S12	0.05-0.11	20	0.6	15	25.5	S12	18.3	●
250L22C60C04S15	0.05-0.11	25	0.6	22	37.0	S15	23.9	●

► Wrench should be ordered separately

●: Standard items

MXEE-A02



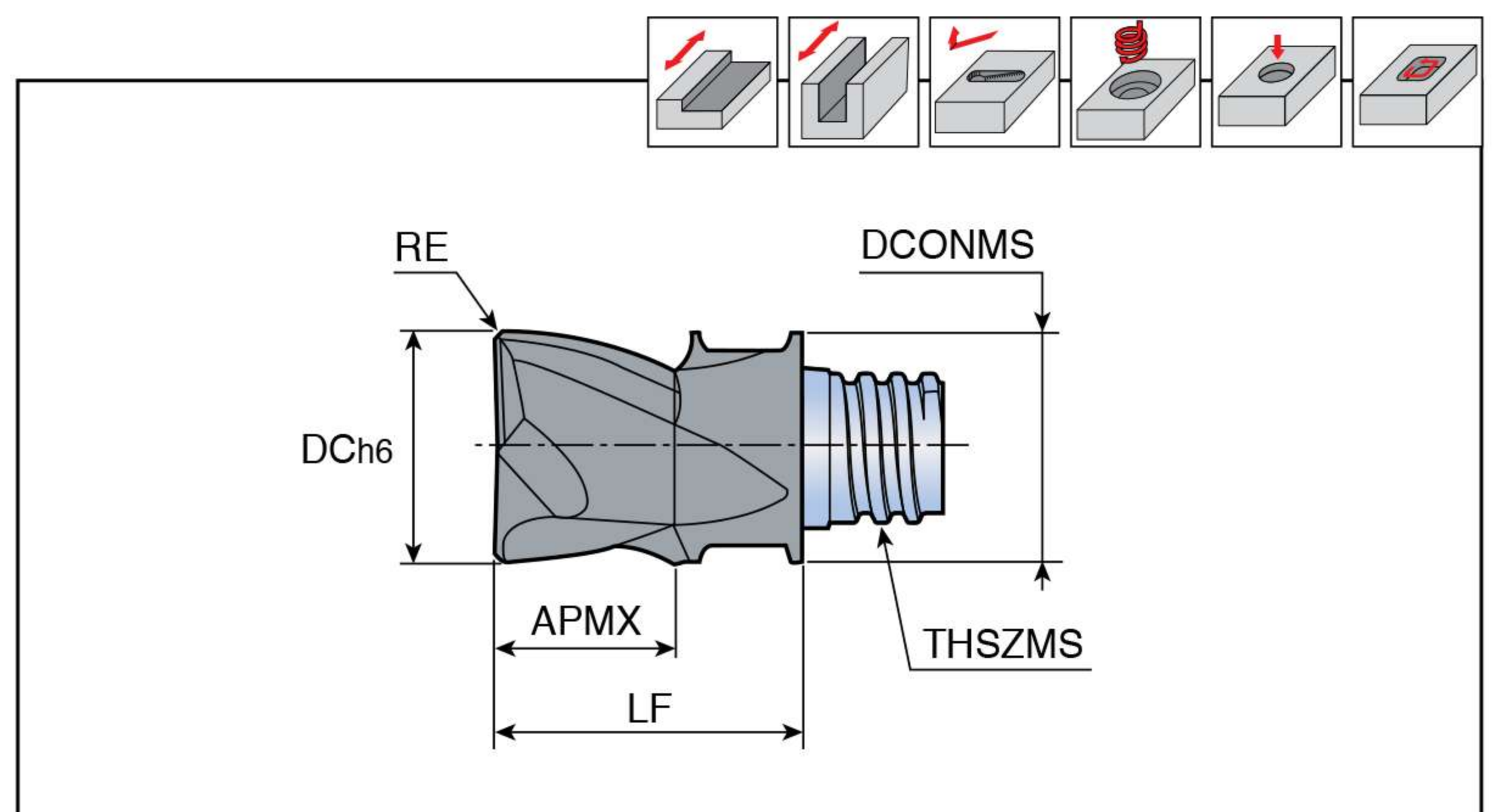
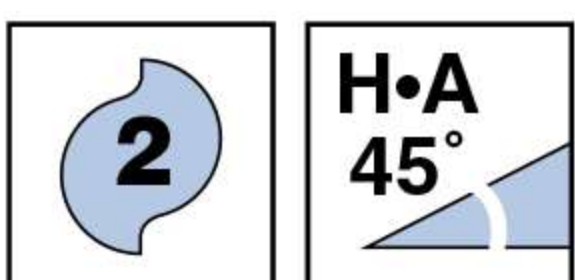
2 flute, for aluminum machining



UF10



TTA101



Designation	Feed (mm/tooth)	Dimension (mm)						Grade	
		DC	RE	APMX	LF	THSZMS	DCONMS	UF10	TTA101
MXEE 100L07R05A02S06	0.03-0.10	10	0.5	7	13.0	S06	9.7	●	●
100L07R10A02S06	0.03-0.10	10	1.0	7	13.0	S06	9.7	●	●
120L09R05A02S08	0.04-0.11	12	0.5	9	16.5	S08	11.7	●	●

► Wrench should be ordered separately

●: Standard items

Taegutec Solid End Mill Line

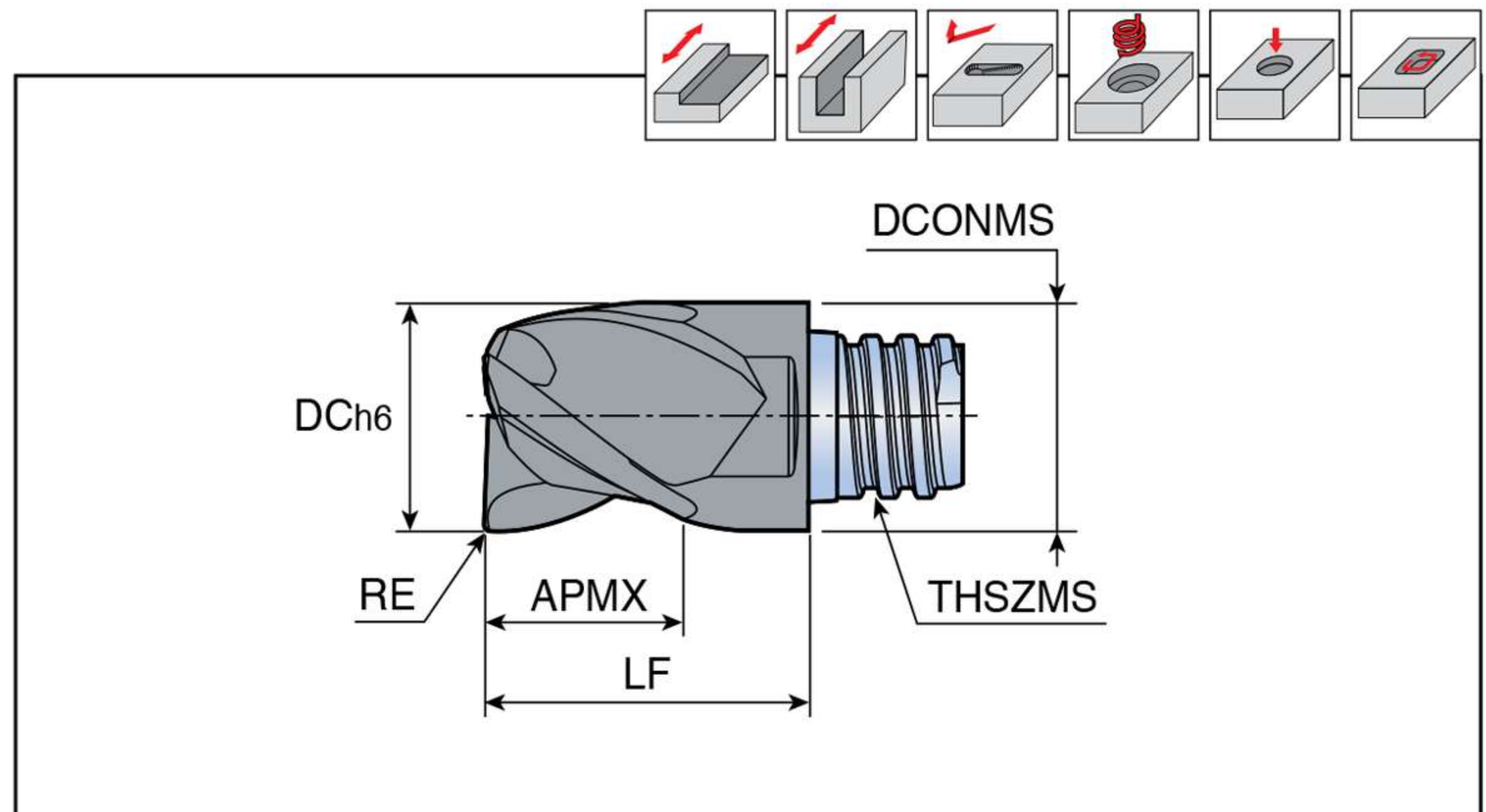
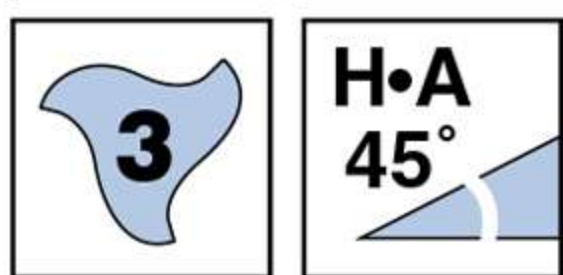
MXEE-A03

3 flute, for aluminum machining



UF10

TTA101



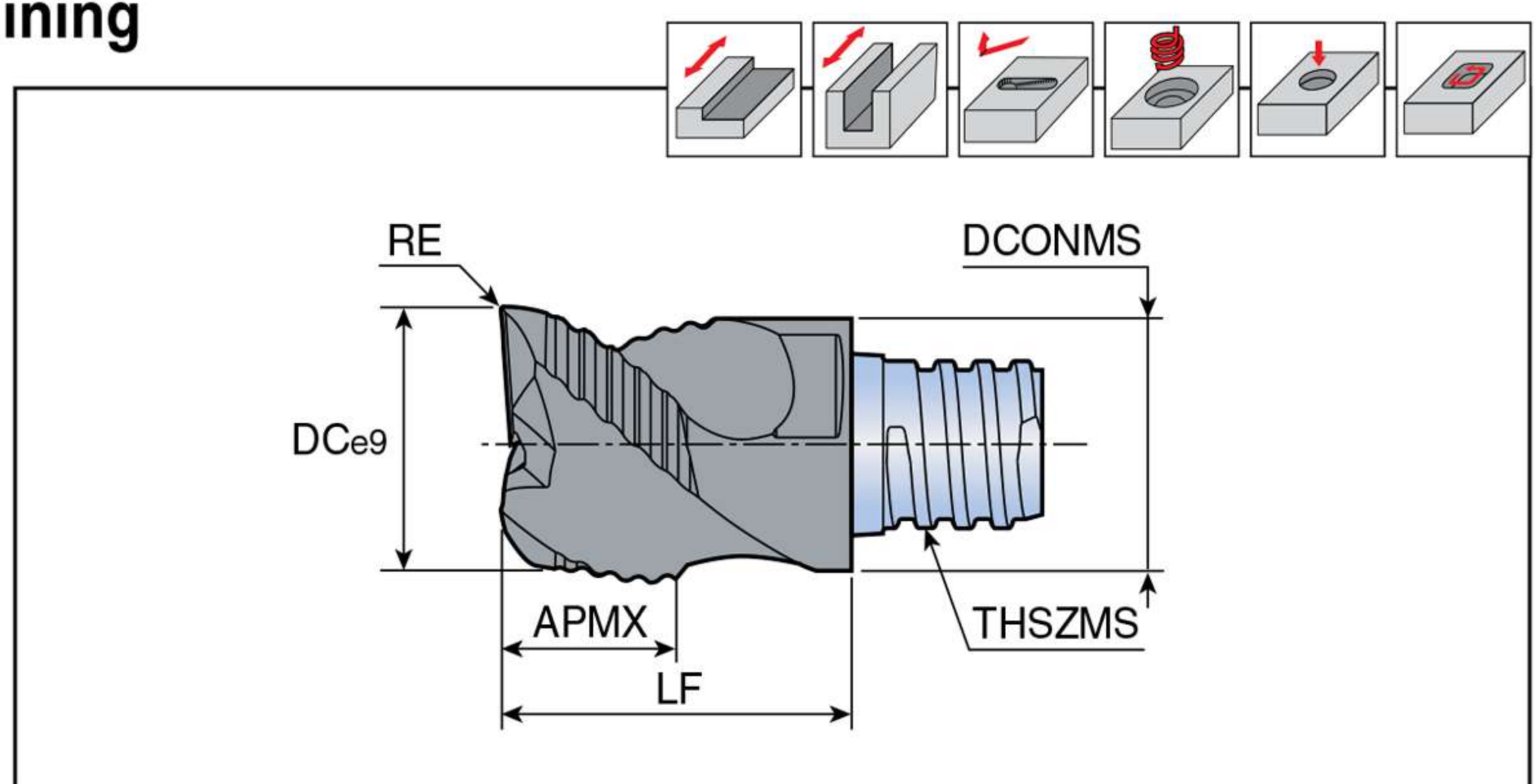
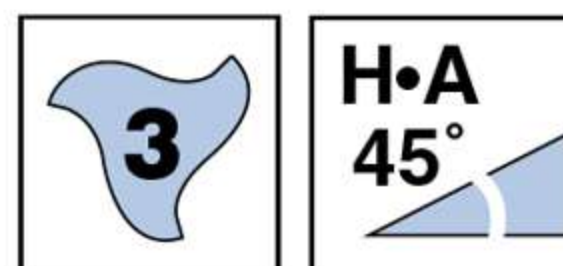
Designation	Feed (mm/tooth)	Dimension (mm)						Grade	
		DC	RE	APMX	LF	THSZMS	DCONMS	UF10	TTA101
MXEE 080L05R05A03S05	0.03-0.09	8	0.5	5	10.0	S05	7.7	●	●
100L06R05A03S06	0.03-0.10	10	0.5	6	13.0	S06	9.7	●	●
100L06R10A03S06	0.03-0.10	10	1.0	6	13.0	S06	9.7	●	●
120L08R05A03S08	0.04-0.11	12	0.5	8	16.5	S08	11.7	●	●
120L08R10A03S08	0.04-0.11	12	1.0	8	16.5	S08	11.7	●	●
160L10R00A03S10	0.05-0.13	16	-	10	20.5	S10	15.3	●	●
160L10R10A03S10	0.05-0.13	16	1.0	10	20.5	S10	15.3	●	●
160L10R20A03S10	0.05-0.13	16	2.0	10	20.5	S10	15.3	●	●
200L12R05A03S12	0.05-0.13	20	0.5	12	25.5	S12	18.3	●	●
200L12R10A03S12	0.05-0.13	20	1.0	12	25.5	S12	18.3	●	●
200L12R20A03S12	0.05-0.13	20	2.0	12	25.5	S12	18.3	●	●

► Wrench should be ordered separately

●: Standard items

MXEE-RA03 new

3 flute, for roughing with aluminum machining



Designation	Feed (mm/tooth)	Dimension (mm)						Grade
		DC	RE	APMX	LF	THSZMS	DCONMS	UF10
MXEE 080L05R02RA03S05	0.03-0.15	8	0.2	5	10.0	S05	7.7	●
100L06R02RA03S06	0.05-0.20	10	0.2	6	13.0	S06	9.6	●
120L08R02RA03S08	0.07-0.22	12	0.2	8	16.5	S08	11.7	●
160L10R02RA03S10	0.07-0.25	16	0.2	10	20.5	S10	15.3	●
200L12R02RA03S12	0.07-0.25	20	0.2	12	25.5	S12	18.5	●

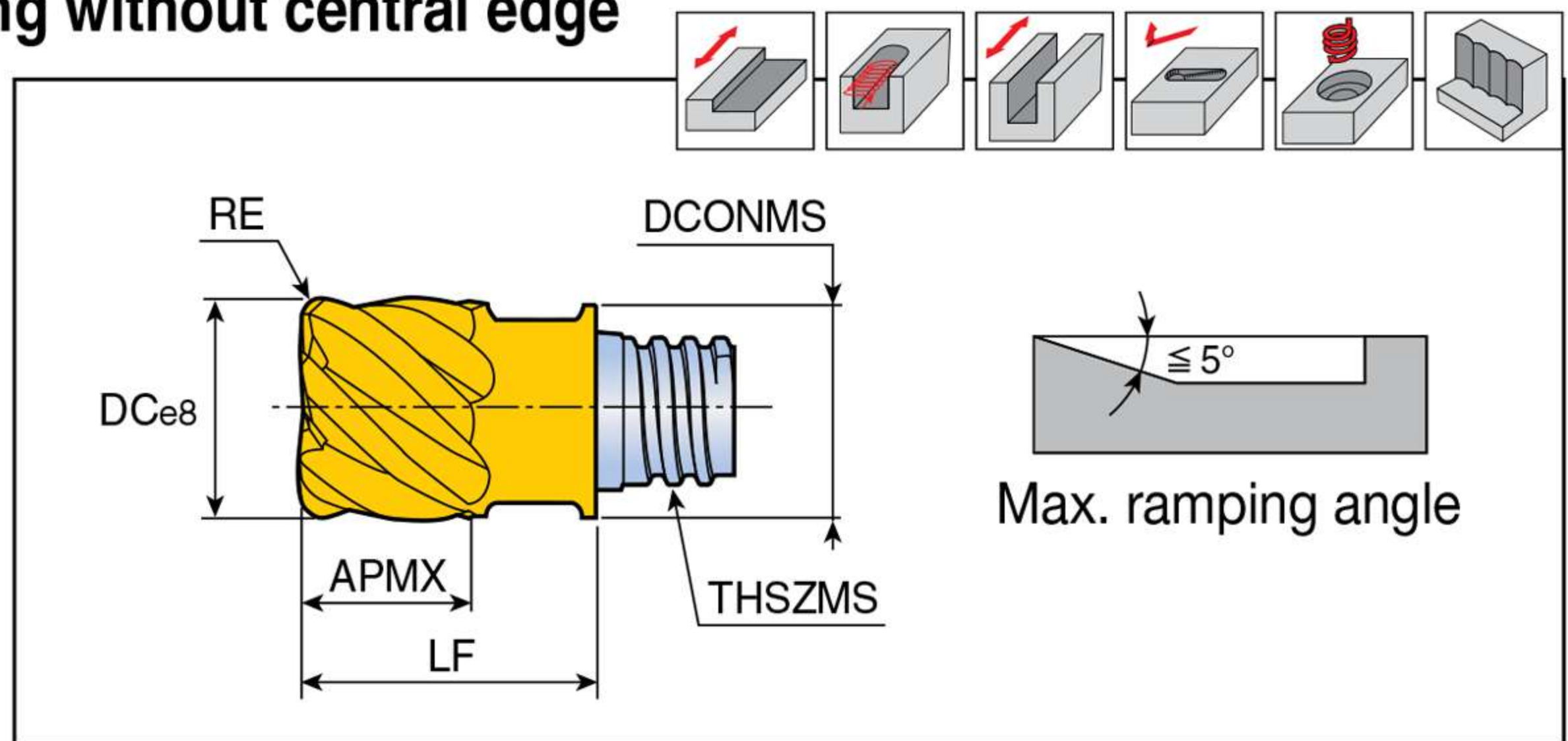
► Wrench should be ordered separately

●: Standard items

MXEE(D)-06



6 flute, for difficult-to-cut material machining without central edge



Designation	Feed (mm/tooth)	Dimension (mm)							Grade TT5523
		DC	RE	FHA	APMX	LF	THSZMS	DCONMS	
MXEE 080L05R05-06S05	0.03-0.10	8	0.5	45	5	10.0	S05	7.7	●
MXEE 080L05R10-06S05	0.03-0.10	8	1.0	45	5	10.0	S05	7.7	●
MXED 100L07R05-06S06	0.03-0.10	10	0.5	30	7	13.0	S06	9.7	●
MXED 100L07R10-06S06	0.03-0.10	10	1.0	30	7	13.0	S06	9.7	●
MXEE 100L07R05-06S06	0.04-0.10	10	0.5	45	7	13.0	S06	9.7	●
MXEE 100L07R10-06S06	0.04-0.10	10	1.0	45	7	13.0	S06	9.7	●
MXEE 100L07R15-06S06	0.03-0.10	10	1.5	45	7	13.0	S06	9.7	●
MXED 120L09R05-06S08	0.04-0.11	12	0.5	30	9	16.5	S08	11.7	●
MXEE 120L09R00-06S08	0.04-0.11	12	-	45	9	16.5	S08	11.7	●
MXEE 120L09R10-06S08	0.04-0.11	12	1.0	45	9	16.5	S08	11.7	●
MXEE 120L09R15-06S08	0.04-0.11	12	1.5	45	9	16.5	S08	11.7	●

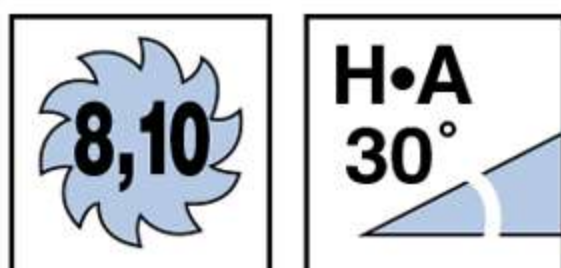
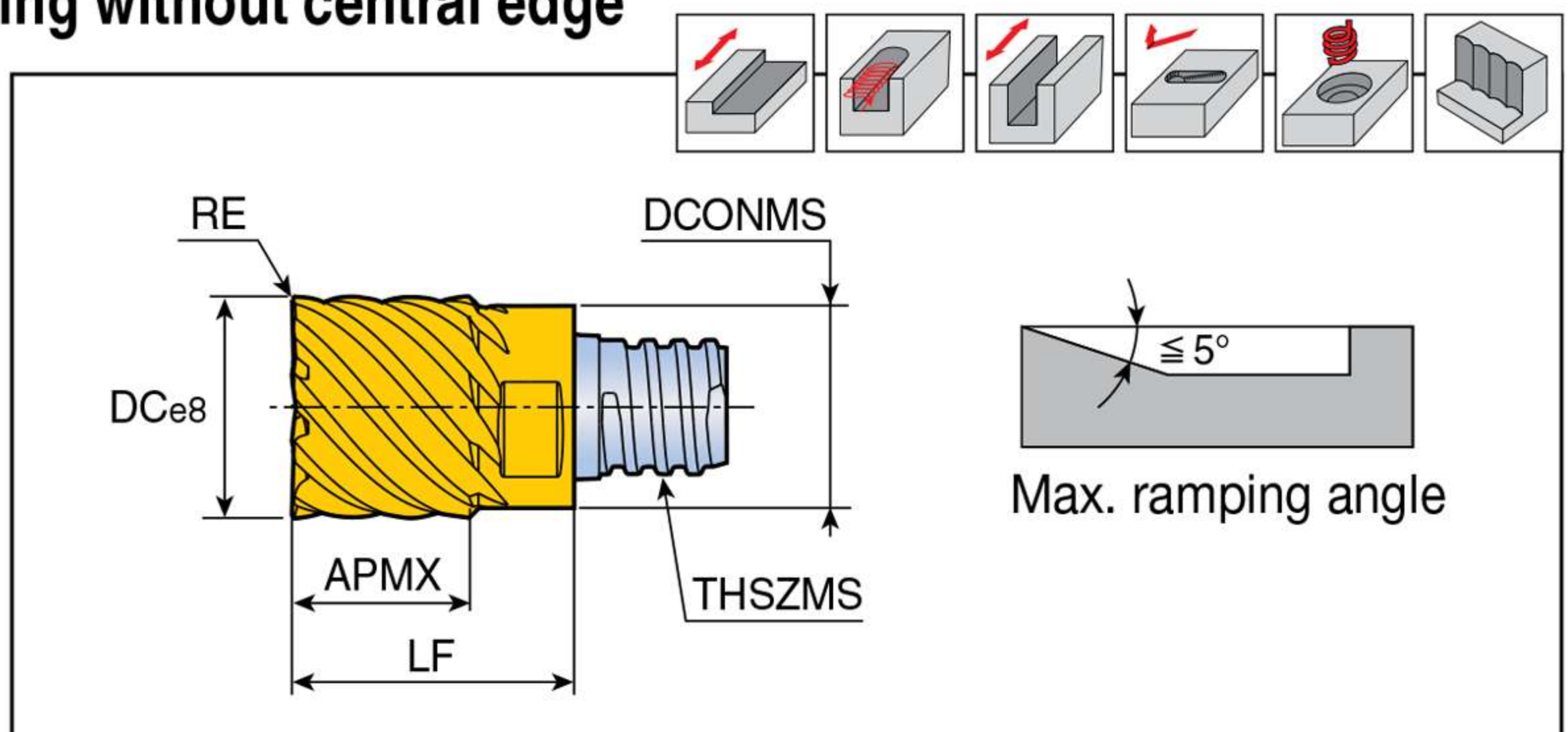
- ▶ Wrench should be ordered separately
- ▶ FHA : Flute Helix Angle

●: Standard items

MXED-08/10



8, 10 flute, for difficult-to-cut material machining without central edge



Designation	Feed (mm/tooth)	Dimension (mm)							Grade TT5523
		DC	NOF	RE	APMX	LF	THSZMS	DCONMS	
MXED 160L12R05-08S10	0.05-0.13	16	8	0.5	12	20.5	S10	15.3	●
160L12R10-08S10	0.05-0.13	16	8	1.0	12	20.5	S10	15.3	●
160L12R20-08S10	0.05-0.13	16	8	2.0	12	20.5	S10	15.3	●
200L15R10-10S12	0.05-0.13	20	10	1.0	15	25.5	S12	18.3	●
200L15R20-10S12	0.05-0.13	20	10	2.0	15	25.5	S12	18.3	●
250L22R10-10S15	0.05-0.13	25	10	1.0	22	37.0	S15	23.9	●
250L22R20-10S15	0.05-0.13	25	10	2.0	22	37.0	S15	23.9	●

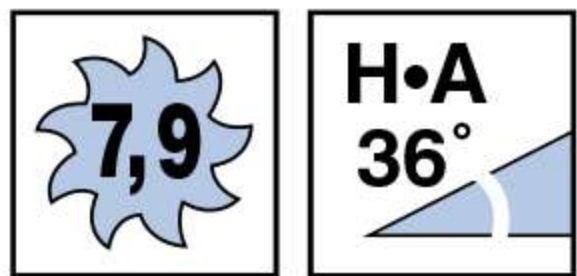
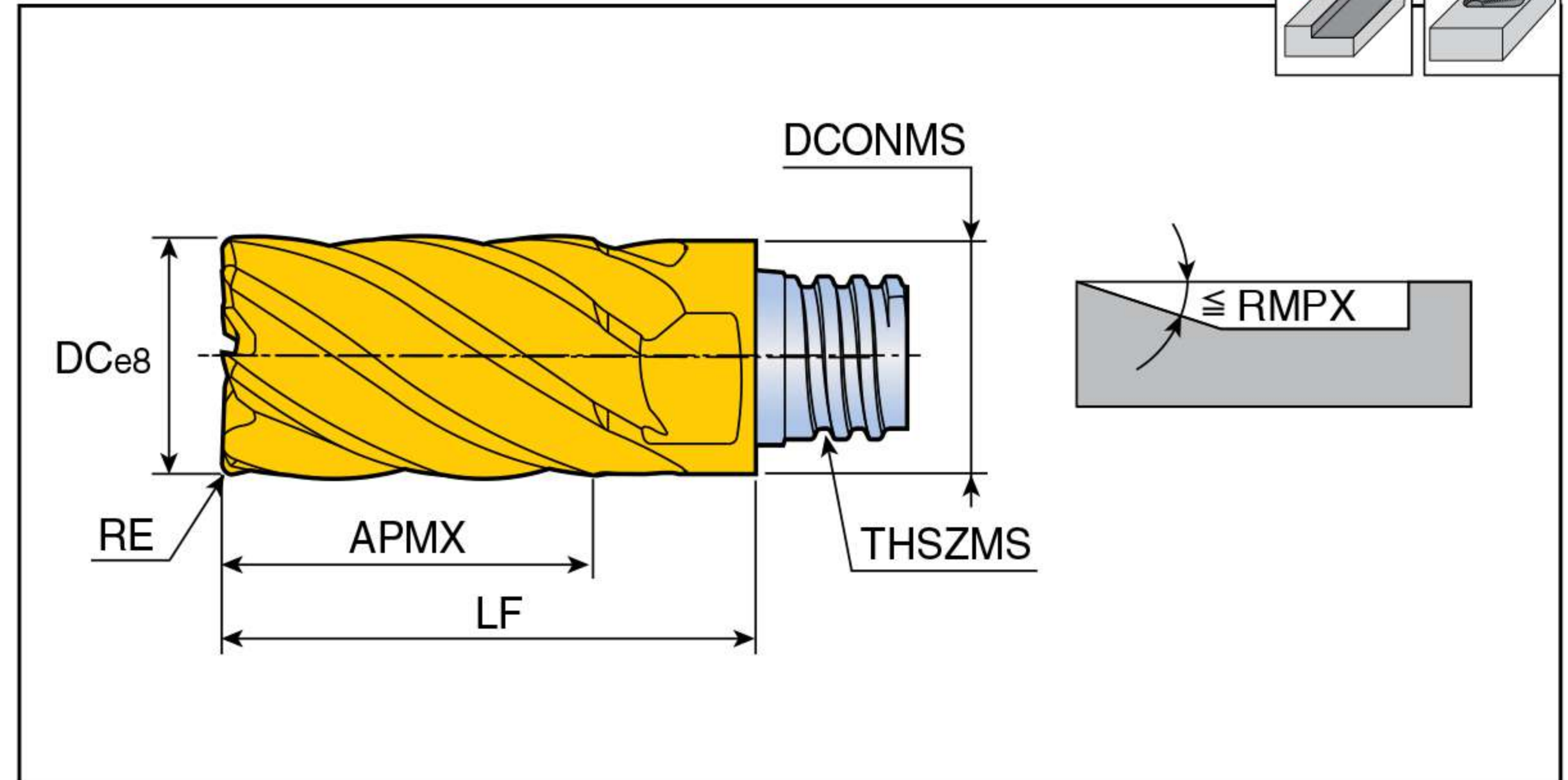
- ▶ Wrench should be ordered separately
- ▶ NOF: Number of flutes

●: Standard items

MXED-I07/I09-1.5D new



Long cutting edge 1.5D & 7,9 flutes & variable helix, pitch



Designation	Feed (mm/tooth)	Dimension (mm)								Grade
		DC	NOF	RE	APMX	LF	THSZMS	DCONMS	RMPX	
MXED 100L15R05I07S06	0.04-0.10	10	7	0.5	15	22.0	S06	9.6	3	●
120L18R05I07S08	0.04-0.10	12	7	0.5	18	27.0	S08	11.7	3	●
160L24R08I09S10	0.05-0.10	16	9	0.8	24	33.5	S10	15.3	1	●
200L30R10I09S12	0.05-0.10	20	9	1.0	30	41.0	S12	18.5	1	●

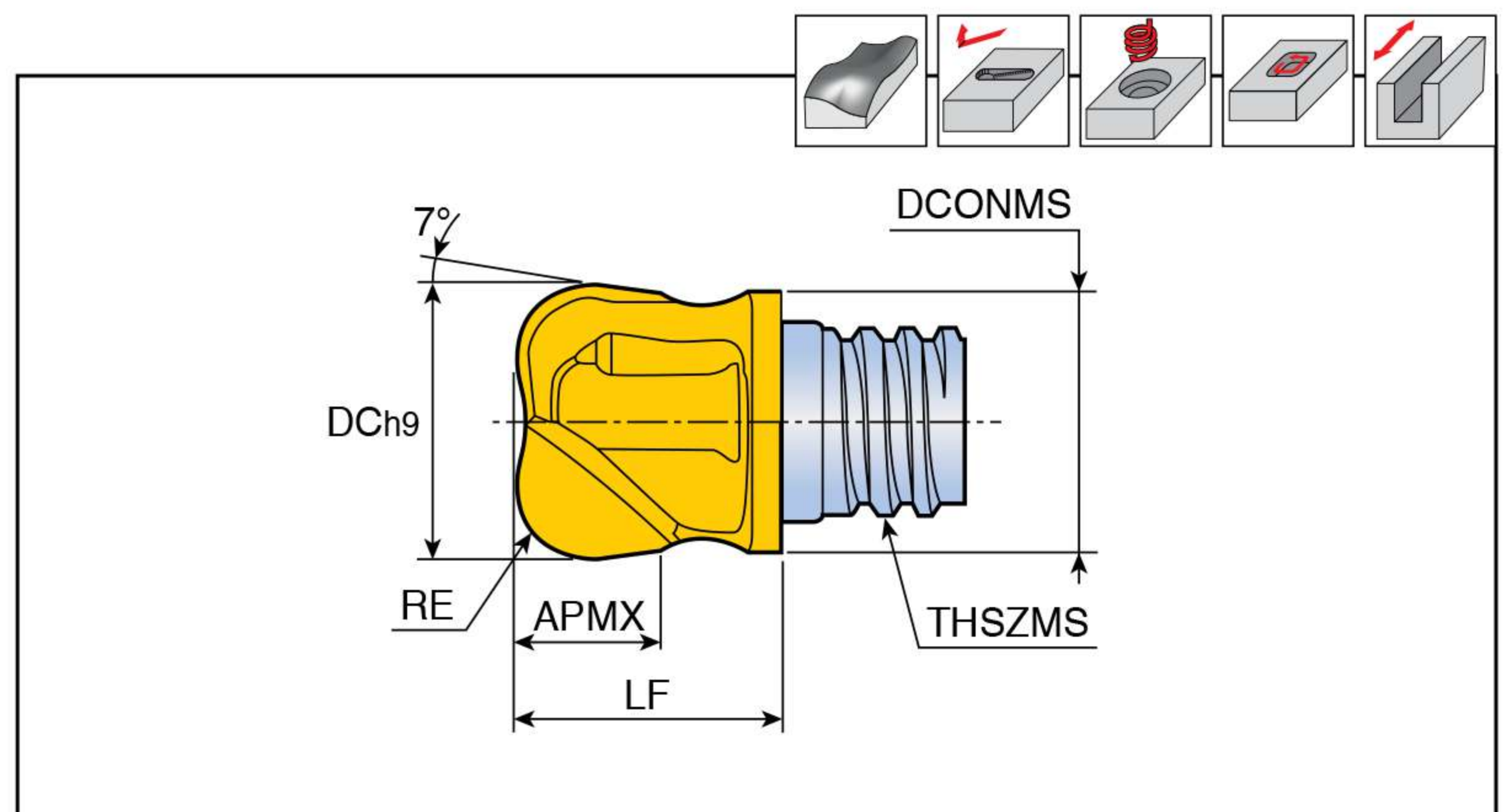
- ▶ Wrench should be ordered separately
- ▶ NOF: Number of flutes
- ▶ RMPX: Ramping angle maximum

●: Standard items

MXRB-02



2 flute, 7° back taper flute



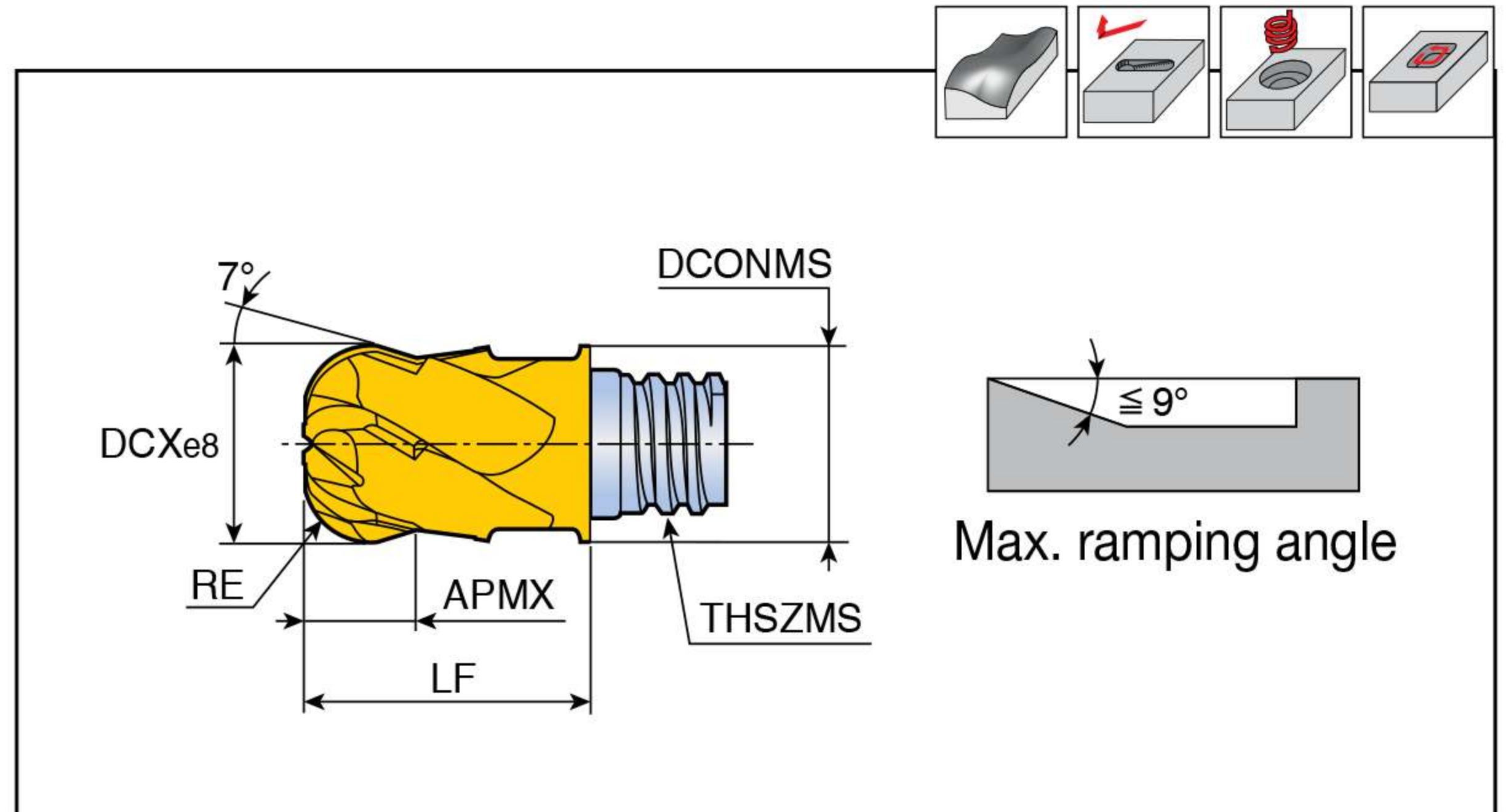
Designation	Feed (mm/tooth)	Dimension (mm)						Grade
		DC	RE	APMX	LF	THSZMS	DCONMS	
MXRB 200L11R50-02S12	0.05-0.15	20	5.0	11.3	17.3	S12	18.3	●

- ▶ Wrench should be ordered separately

●: Standard items

MXRD-06

6 flute, 7° back taper sided ground flute



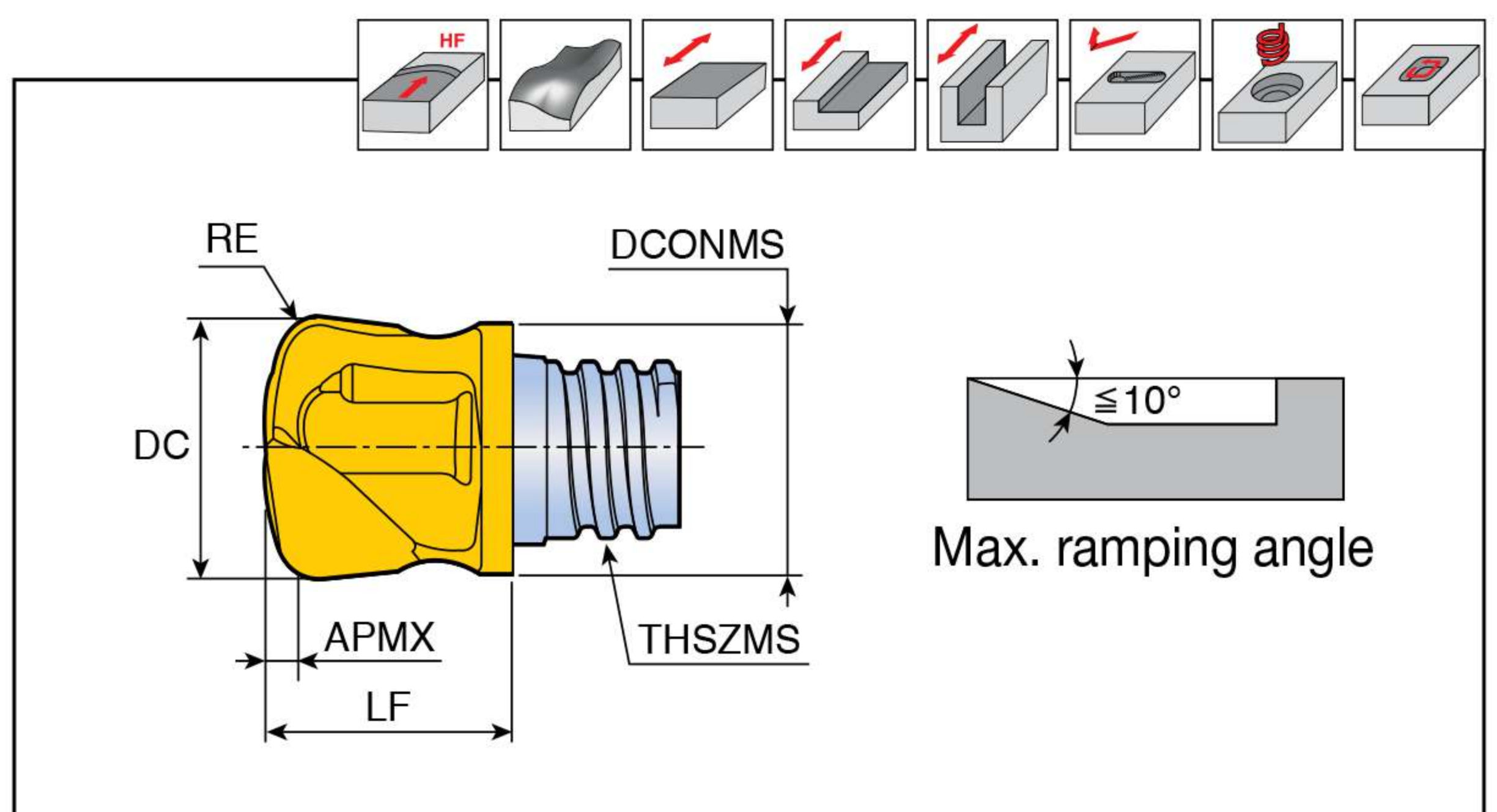
Designation	Dimension (mm)						Grade
	DCX	RE	APMX	LF	THSZMS	DCONMS	TT5523
MXRD 080L04R20-06S05	8	2.0	4	10.0	S05	7.7	●
100L05R30-06S06	10	3.0	5	13.0	S06	9.7	●
120L07R40-06S08	12	4.0	7	16.5	S08	11.7	●
160L09R50-06S10	16	5.0	9	20.5	S10	15.3	●

► Wrench should be ordered separately

●: Standard items

MXFX-02

2 flute, for high feed milling



Designation	Feed (mm/tooth)	Dimension (mm)						Grade
		DC	RE	APMX	LF	THSZMS	DCONMS	TT5523
MXFX 100L0.6R20-02S06	0.30-0.60	10	2.0	0.6	12.5	S06	9.6	●
120L1.0R25-02S08	0.50-1.00	12	2.5	0.68	11.1	S08	11.5	●
160L1.1R30-02S10	0.55-1.10	16	3.0	1.1	20.0	S10	15.2	●
200L1.5R34-02S12 new	0.75-1.50	20	3.4	1.5	17.4	S12	18.3	●

► Wrench should be ordered separately

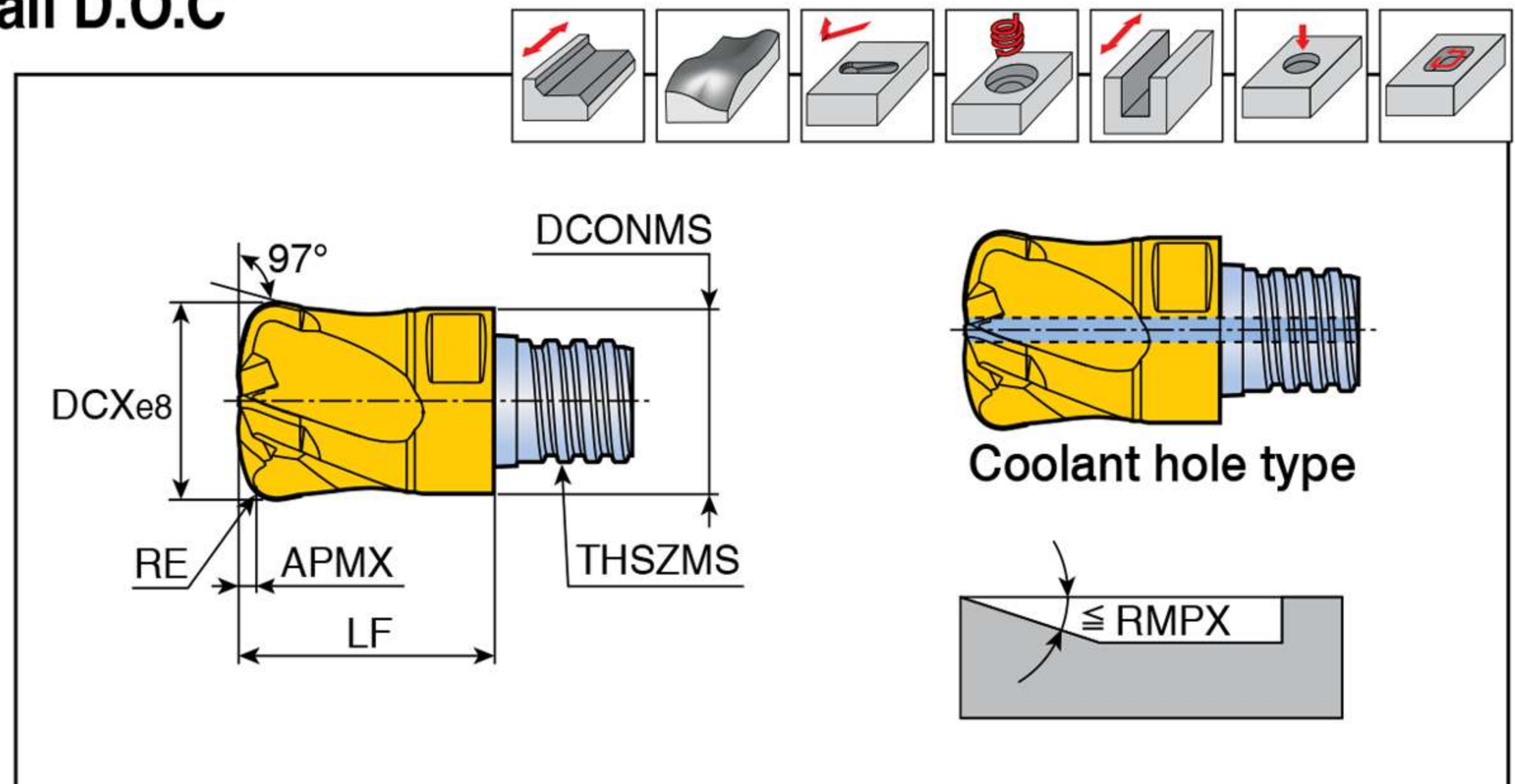
●: Standard items

Taegutec Solid End Mill Line

MXFX-04/06 new



4,6 flute, for high feed machining and small D.O.C



Designation	Feed (mm/tooth)	Dimension (mm)								Coolant hole	Grade	
		DC	NOF	RE	APMX	LF	THSZMS	DCONMS	RMPX		TT5513	TT5523
MXFX 080L0.4R16-04S05	0.12-0.48	8	4	1.62	0.4	10.0	S05	7.5	5	X	●	
100L0.5R20-04S06	0.16-0.57	10	4	2.01	0.5	13.0	S06	9.5	5	X	●	
100L0.4R10-06S06C	0.16-0.47	10	6	1.00	0.45	10.0	S06	9.5	3	●	●	
120L0.6R18-04S08C	0.16-0.67	12	4	1.80	0.6	16.5	S08	11.5	5	●		●
120L0.6R24-04S08	0.16-0.67	12	4	2.47	0.6	16.5	S08	11.5	5	X	●	
120L0.6R12-06S08C	0.16-0.54	12	6	1.20	0.65	12.0	S08	11.5	3	●	●	
160L0.8R22-04S10C	0.20-0.75	16	4	2.20	0.8	20.5	S10	15.4	5	●		●
160L0.8R32-04S10	0.20-0.75	16	4	3.25	0.8	20.5	S10	15.4	5	X	●	
200L1.0R40-04S12	0.20-0.90	20	4	4.02	1.0	25.5	S12	18.45	5	X	●	
250L1.2R31-06S15	0.25-1.00	25	6	3.10	1.2	25.0	S15	23.9	5	X	●	

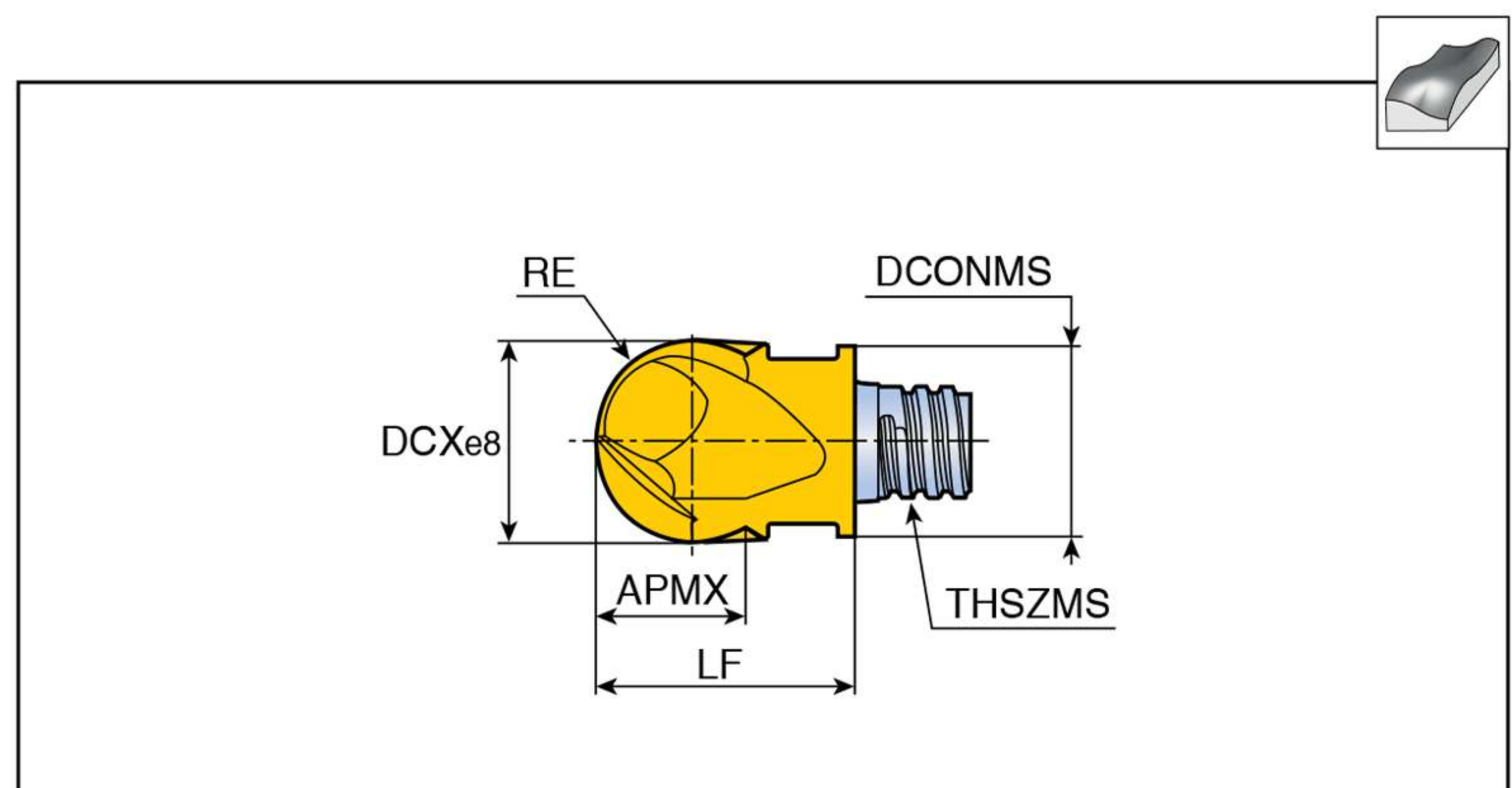
- ▶ Wrench should be ordered separately
- ▶ NOF: Number of flutes
- ▶ RMPX: Ramping angle maximum

●: Standard items

MXBD-BG-02



2 flute, for high precision machining



Designation	Dimension (mm)						Grade
	DCX	RE	APMX	LF	THSZMS	DCONMS	
MXBD 080L05-BG-02S05	8	3.98 ⁽¹⁾	5	10.0	S05	7.7	●
100L07-BG-02S06	10	4.98 ⁽¹⁾	7	13.0	S06	9.7	●
120L09-BG-02S08	12	5.98 ⁽²⁾	9	16.5	S08	11.7	●
160L09-BG-02S10	16	7.98 ⁽²⁾	9	20.5	S10	15.3	●

- ▶ Wrench should be ordered separately
- ▶ RE Tolerance: ⁽¹⁾ ± 0.01, ⁽²⁾ ± 0.012

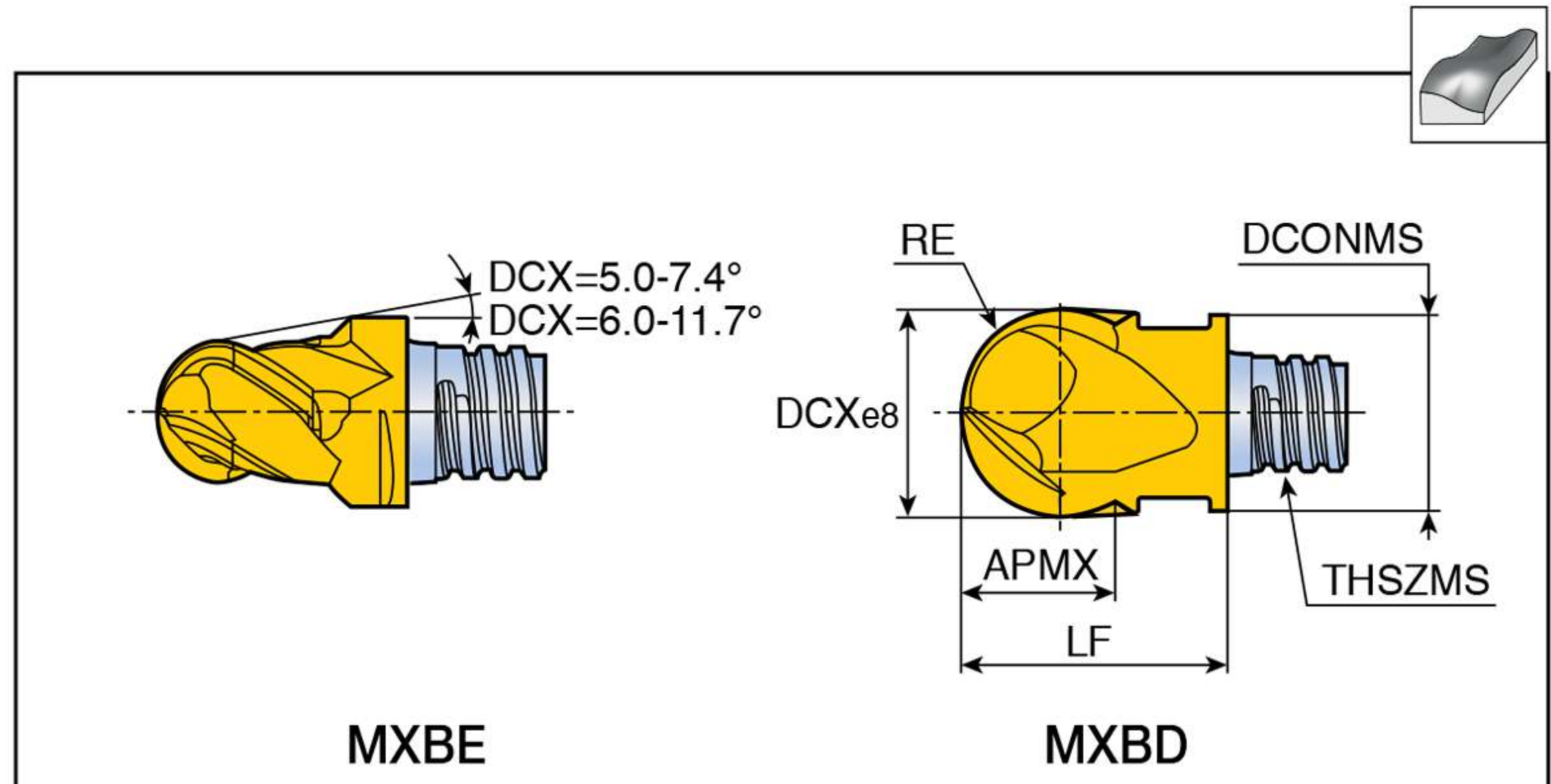
●: Standard items

Taegutec Solid End Mill Line

MXBD(E)-BG-04



4 flute, for high precision machining



Designation	Dimension (mm)							Grade
	DCX	RE	FHA	APMX	LF	THSZMS	DCONMS	
MXBE 050L07-BG-04S05 new	5	2.49 ⁽¹⁾	38	7.0	15.0	S05	8.0	●
060L04-BG-04S04 new	6	2.99 ⁽¹⁾	38	4.0	8.5	S04	5.8	●
060L05-BG-04S05	6	2.99 ⁽¹⁾	38	5.5	10.0	S05	8.0	●
MXBD 080L05-BG-04S05	8	3.98 ⁽¹⁾	30	5.0	10.0	S05	7.7	●
100L07-BG-04S06	10	4.98 ⁽¹⁾	30	7.0	13.0	S06	9.7	●
120L09-BG-04S08	12	5.98 ⁽²⁾	30	9.0	16.5	S08	11.7	●
160L12-BG-04S10	16	7.98 ⁽²⁾	30	12.0	20.5	S10	15.3	●
200L15-BG-04S12	20	9.97 ⁽²⁾	30	15.0	25.5	S12	18.3	●
250L22-BG-04S15	25	12.47 ⁽³⁾	30	22.0	37.0	S15	23.9	●

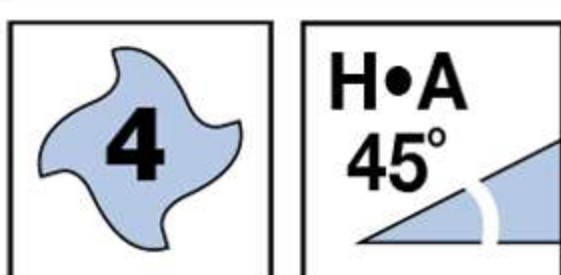
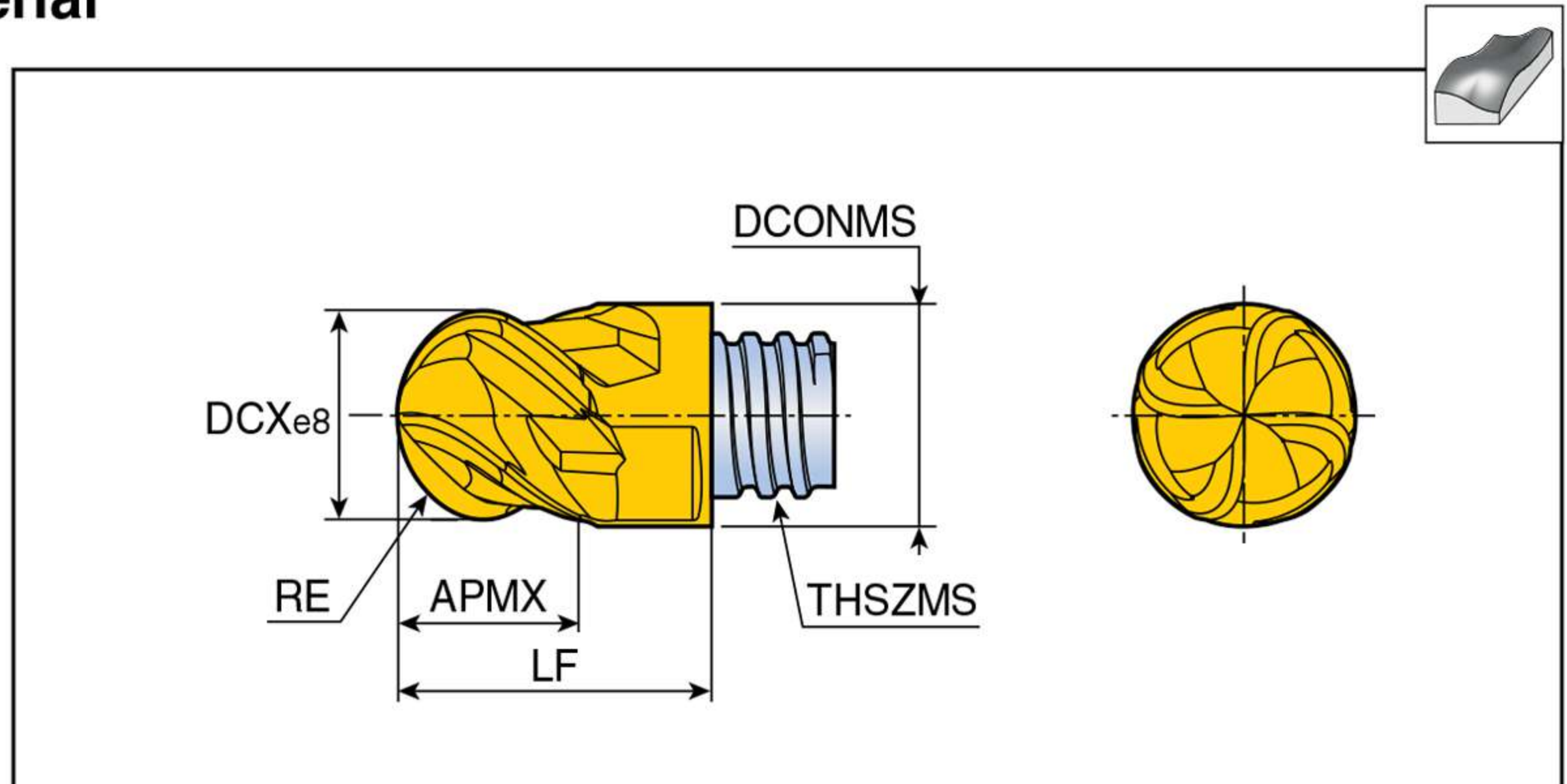
- ▶ Wrench should be ordered separately
- ▶ RE Tolerance: ⁽¹⁾± 0.01, ⁽²⁾± 0.012, ⁽³⁾± 0.02
- ▶ FHA: Flute helix angle

●: Standard items

MXBE-BH-04 new



4 flute, for high productivity on hard material



Designation	Dimension (mm)						Grade
	DCX	RE	APMX	LF	THSZMS	DCONMS	
MXBE 080L05-BH-04S05	8	3.98 ⁽¹⁾	5.4	10.0	S05	7.7	●
100L07-BH-04S06	10	4.98 ⁽¹⁾	7.4	13.0	S06	9.6	●
120L09-BH-04S08	12	5.98 ⁽²⁾	9.3	16.5	S08	11.7	●
160L12-BH-04S10	16	7.98 ⁽²⁾	12.4	20.5	S10	15.3	●
200L16-BH-04S12	20	9.97 ⁽²⁾	16.0	25.5	S12	18.5	●

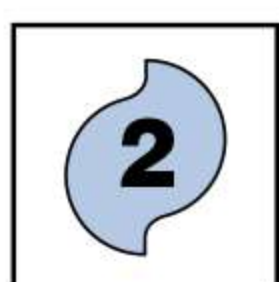
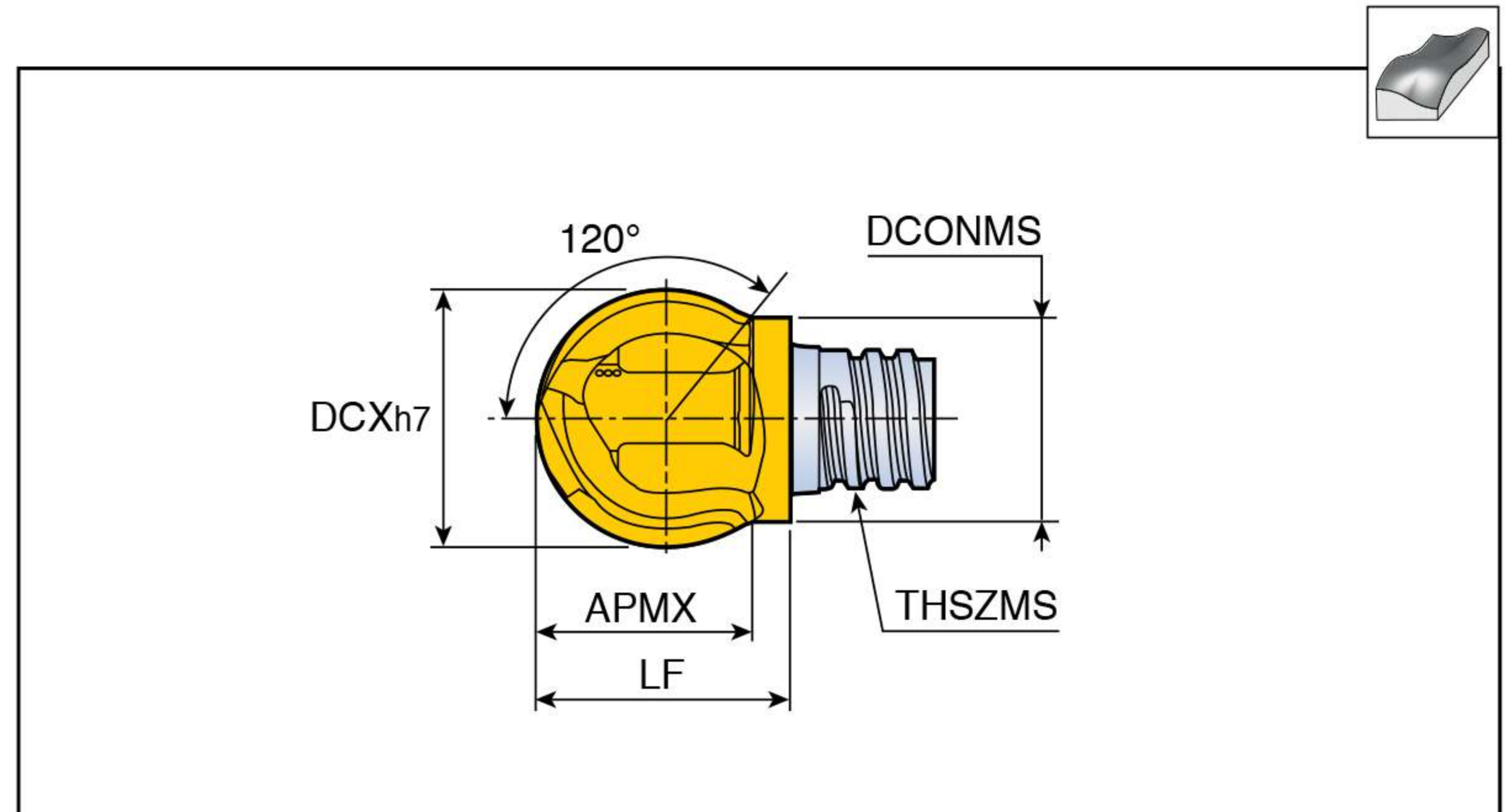
- ▶ Wrench should be ordered separately
- ▶ RE Tolerance: ⁽¹⁾± 0.01, ⁽²⁾± 0.012

●: Standard items

MXBB-SG-02



2 flute, spherical designed edge



Designation	Dimension (mm)					Key	Grade TT5523
	DCX	APMX	LF	THSZMS	DCONMS		
MXBB 080L05-SG-02S04 new	8	5	8.2	S04	5.8	MX KEY-S04	●
100L07-SG-02S05 new	10	7	10.0	S05	7.6	MX KEY-S05	●
120L09-SG-02S06	12	9	11.6	S06	9.5	MX KEY-S08	●
160L12-SG-02S08 new	16	12	15.4	S08	12.2	MX KEY-S10	●
200L15-SG-02S10 new	20	15	18.4	S10	15.2	MX KEY-S10	●
250L18-SG-02S12 new	25	18	23.2	S12	18.3	MX KEY-S12	●

▶ Wrench should be ordered separately

●: Standard items

MXBE-BGA02



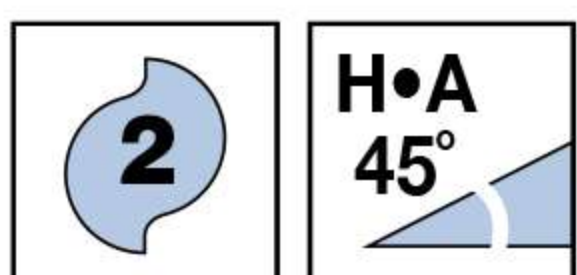
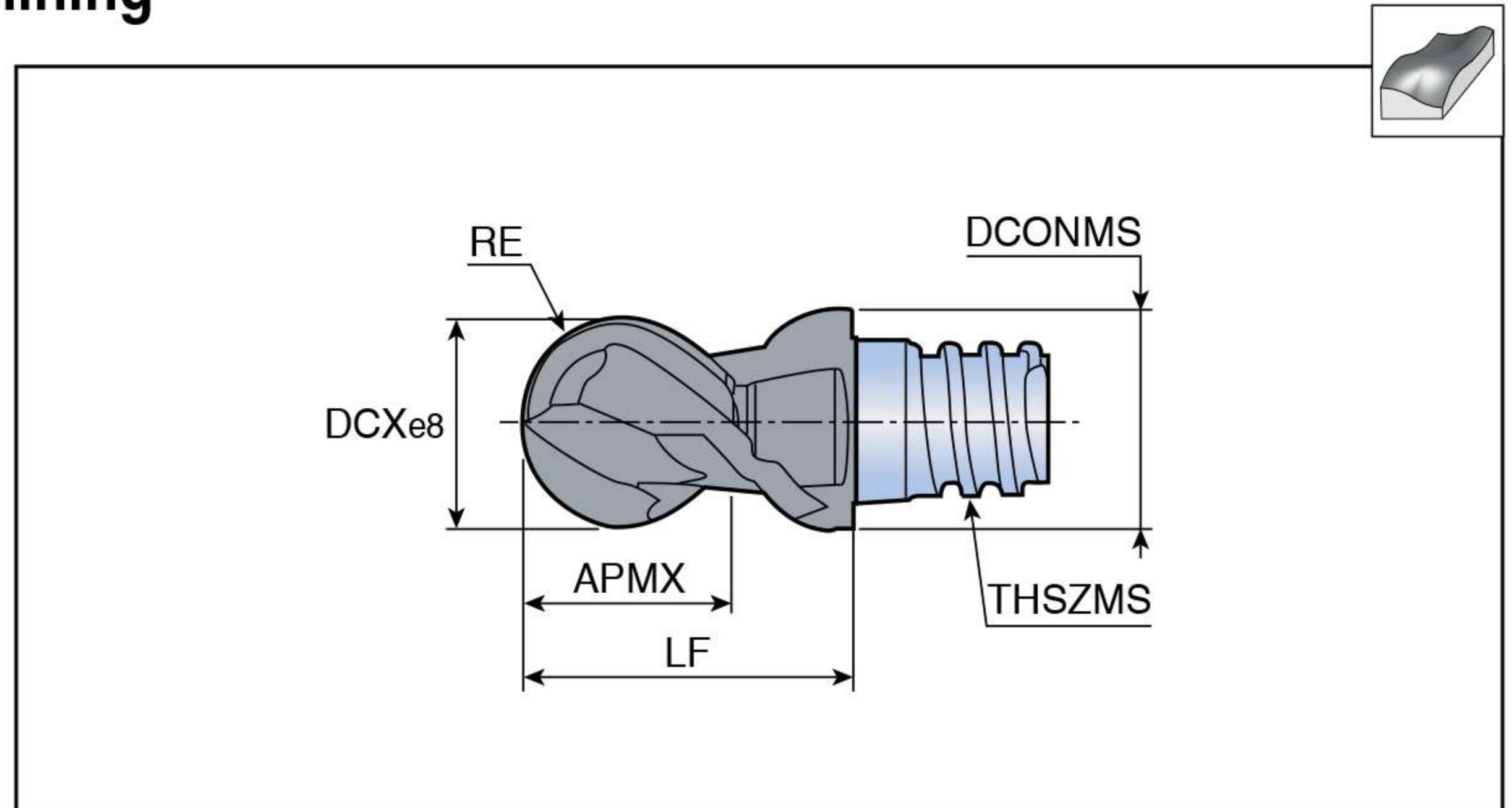
2 flute, for high precision aluminum machining



UF10



TTA101



Designation	Dimension (mm)						Grade	
	DCX	RE	APMX	LF	THSZMS	DCONMS	UF10	TTA101
MXBE 080L05-BGA02S05	8	3.98 ⁽¹⁾	5	10.0	S05	7.7	●	●
100L07-BGA02S06	10	4.98 ⁽¹⁾	7	13.0	S06	9.7	●	●
120L09-BGA02S08	12	5.98 ⁽²⁾	9	16.5	S08	11.7	●	●
160L12-BGA02S10	16	7.98 ⁽²⁾	12	20.5	S10	15.3	●	●
200L15-BGA02S12	20	9.97 ⁽²⁾	15	25.5	S12	18.3	●	●

▶ Wrench should be ordered separately

●: Standard items

▶ RE Tolerance: ⁽¹⁾± 0.01, ⁽²⁾± 0.012

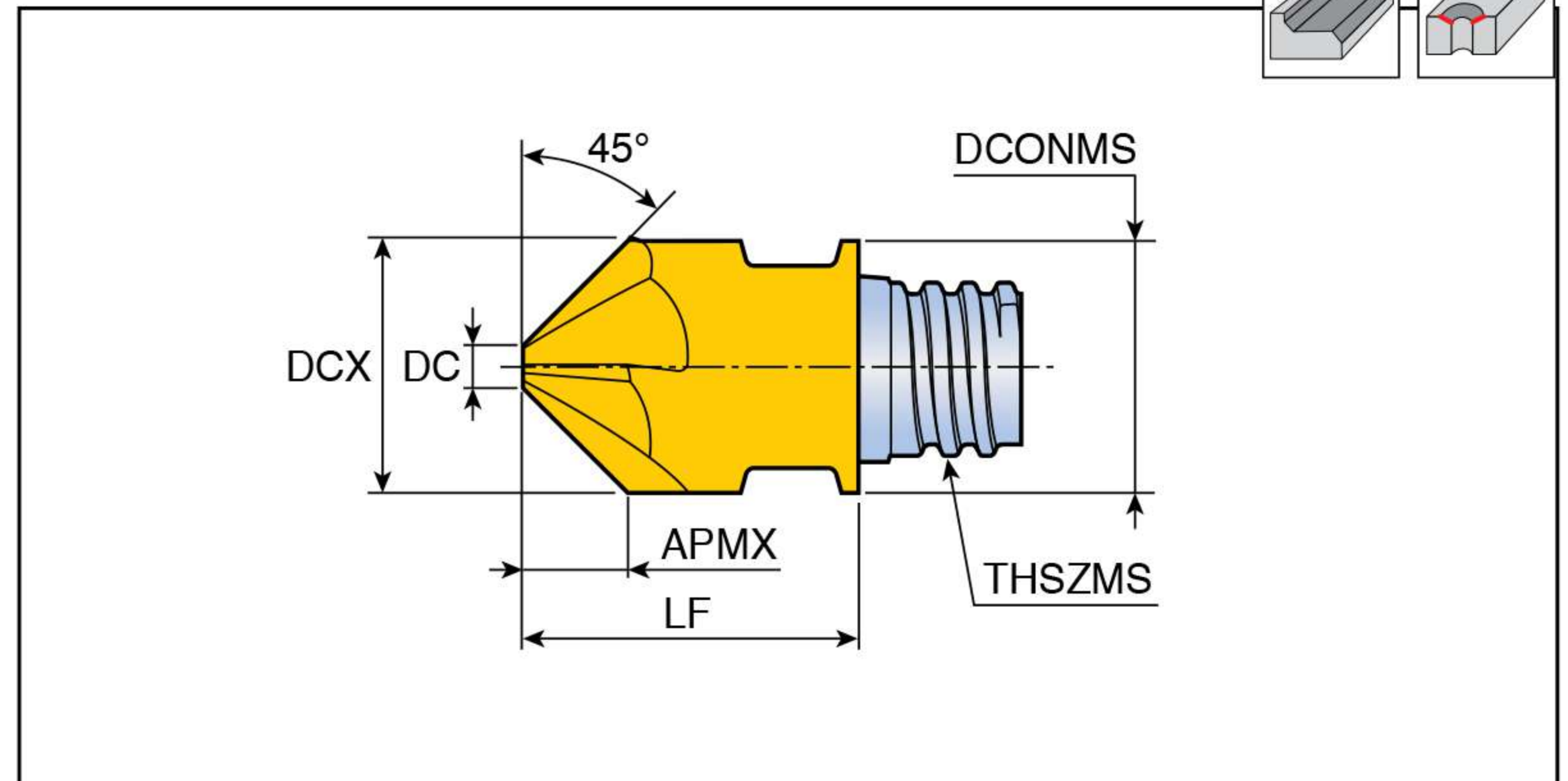
MXCA-04/06



4, 6 flute, chamfering and countersinking without central edge



4,6



Designation	Dimension (mm)								Grade TT5523
	DCX	DC	NOF	APMX	LF	THSZMS	DCONMS		
MXCA 100L04A45-04S06	10.0	1.95	4	4.0	13.0	S06	10.0	●	
120L05A45-04S08	12.0	1.95	4	5.0	16.5	S08	12.0	●	
127L05A45-04S08	12.7	1.98	4	5.3	16.5	S08	12.7	●	
160L06A45-06S10	16.0	3.0	6	6.5	20.3	S10	16.0	●	
200L07A45-06S12	20.0	5.0	6	7.5	25.5	S12	20.0	●	

- ▶ Wrench should be ordered separately
- ▶ NOF: Number of flutes

●: Standard items

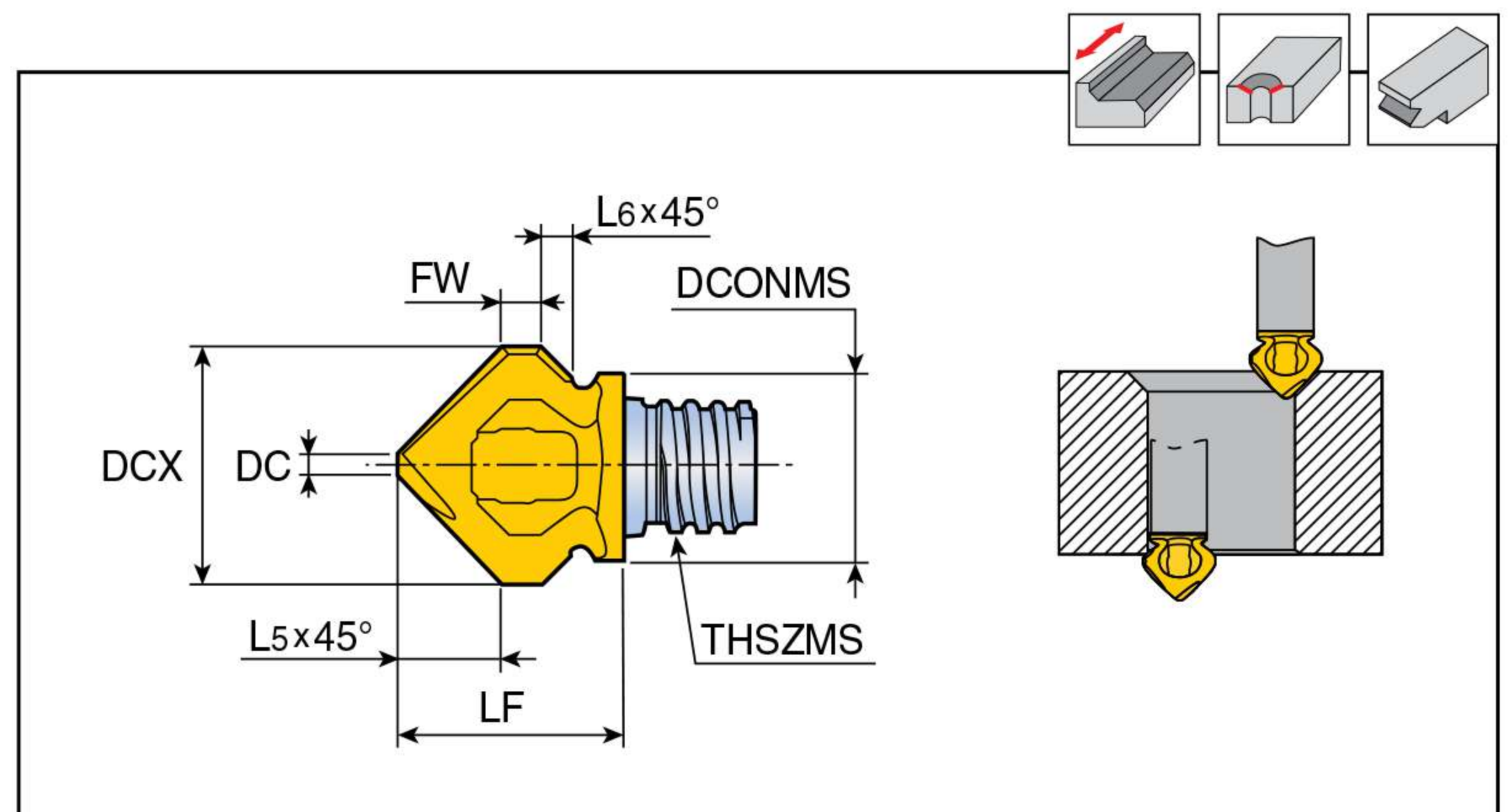
MXCW-02



2 flute, for double chamfering



2



Designation	Dimension (mm)									Key	Grade TT5523
	DCX	DC	L5	LF	FW	L6	THSZMS	DCONMS			
MXCW 098L04A45-02S05 new	9.8	1.2	4.3	10.8	2.5	1.2	S05	7.6	MX KEY-S06	●	
118L05A45-02S06	11.8	1.2	5.3	11.2	2.0	1.2	S06	9.3	MX KEY-S08	●	
157L07A45-02S08 new	15.7	1.5	7.1	14.0	2.0	1.2	S08	11.5	MX KEY-S10	●	

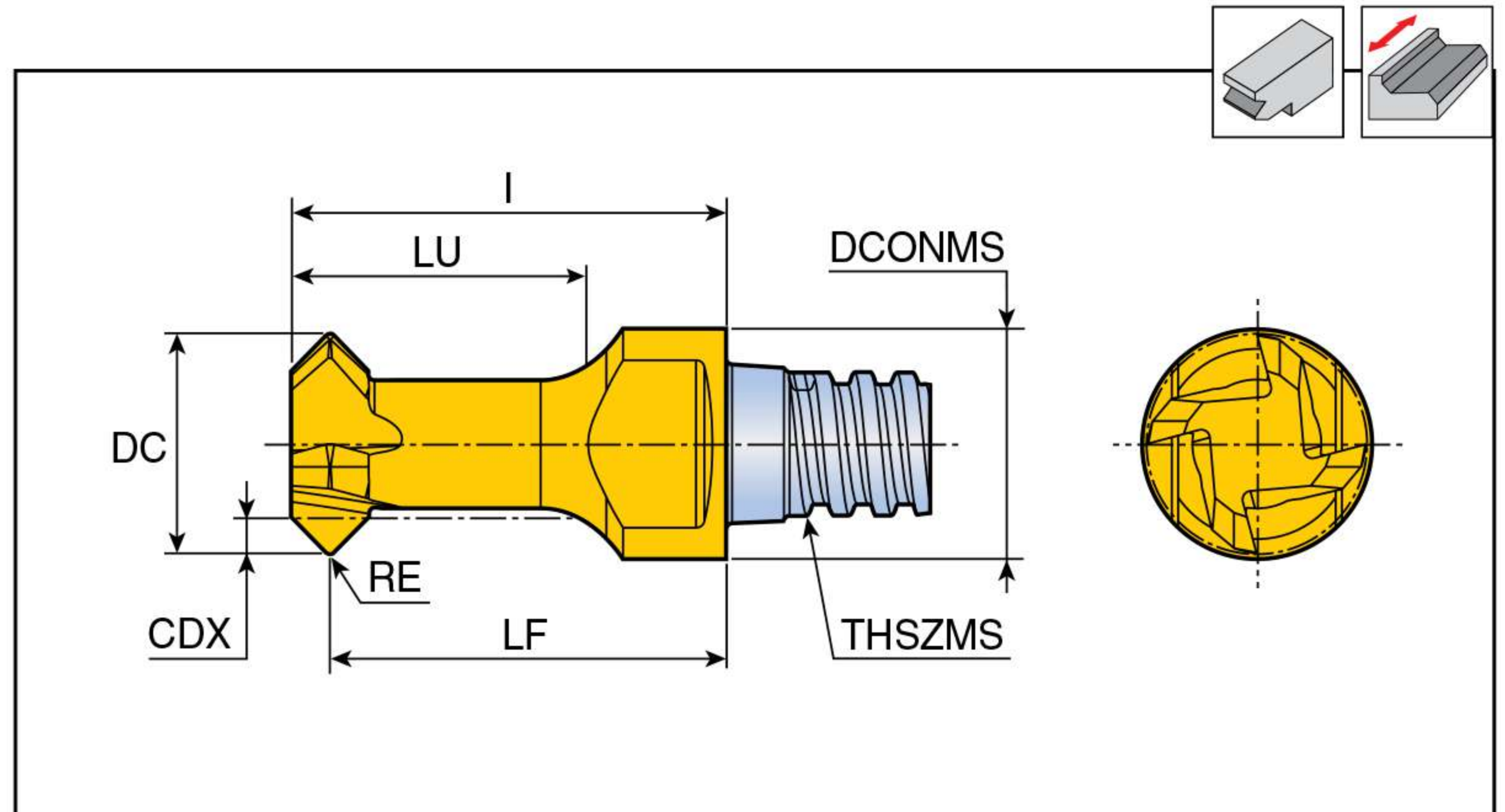
- ▶ Wrench should be ordered separately

●: Standard items



MXCS-04 new

4 flute, for chamfering



Designation	Dimension (mm)								Grade
	DC	CDX	RE	LF	LU	I	THSZMS	DCONMS	TT5523
MXCS 077L10A45-04S05	7.7	1.2	0.2	13.9	10.2	15.2	S05	8.0	●

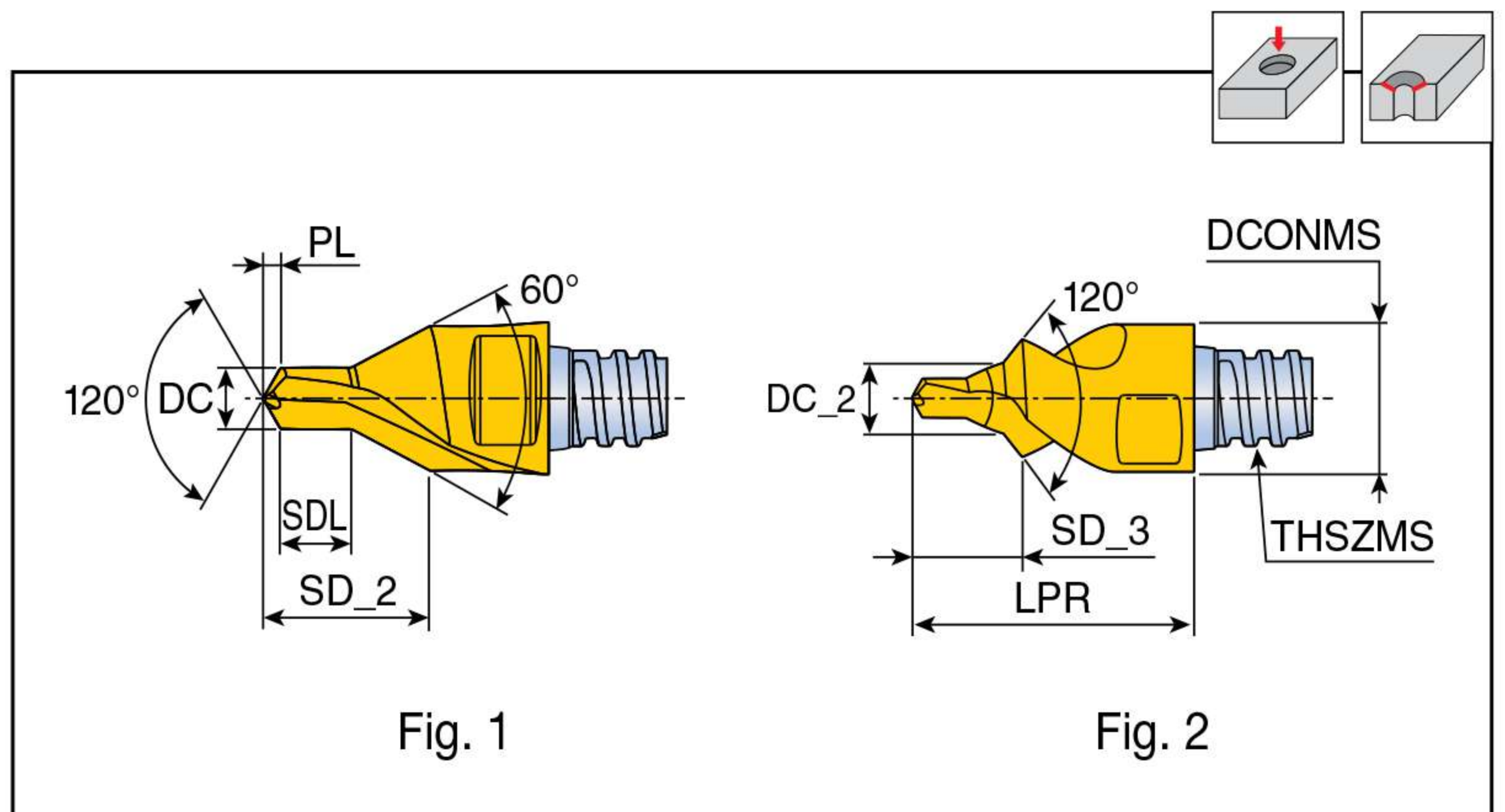
▶ Wrench should be ordered separately

●: Standard items

MXDP-02



2 flute, for center drilling



Designation	Dimension (mm)										Grade
	DC	DC2	SDL	SD_2	SD_3	LPR	THSZMS	DCONMS	PL	Fig	TT5523
MXDP 107L01A30-02S04 new	1.07	-	1.32	4.14	-	10.0	S04	6.0	0.28	1	●
165L02A30-02S04 new	1.65	-	1.97	4.45	-	10.0	S04	6.0	0.43	1	●
207L02A30-02S04 new	2.07	-	2.36	6.37	-	10.0	S04	6.0	0.54	1	●
328L04A30-02S05	3.28	-	3.75	8.76	-	15.0	S05	8.0	0.85	1	●
412L05A30-02S06	4.12	-	4.83	11.05	-	19.0	S06	10.0	1.07	1	●
513L07A30-02S08	5.13	-	5.88	13.23	-	23.0	S08	12.0	1.32	1	●
646L08A30-02S10	6.46	-	7.25	17.18	-	28.0	S10	16.0	1.65	1	●
MXDP 324L04B30-02S08 new	3.24	6.77	3.55	7.40	8.94	23.0	S08	12.0	0.83	2	●
509L06B30-02S12 new	5.09	10.69	5.56	11.70	14.17	25.5	S12	18.5	1.33	2	●
641L08B30-02S12 new	6.41	13.29	6.95	14.50	16.58	25.5	S12	20.0	1.68	2	●

▶ Wrench should be ordered separately

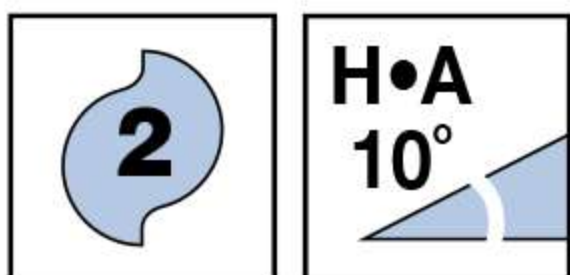
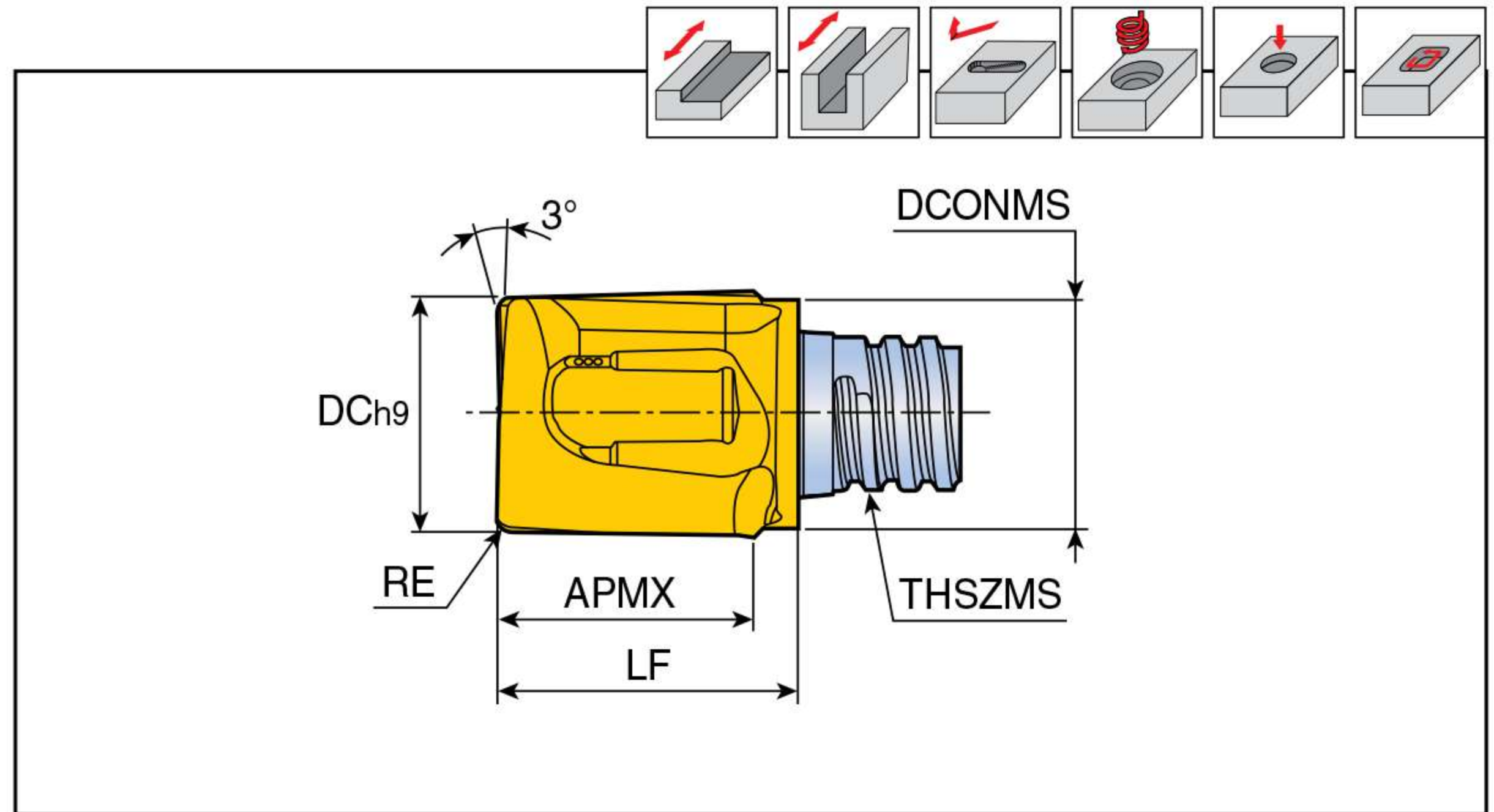
●: Standard items

▶ SDL: Step diameter length



MXGC-02

2 flute, for drilling and milling



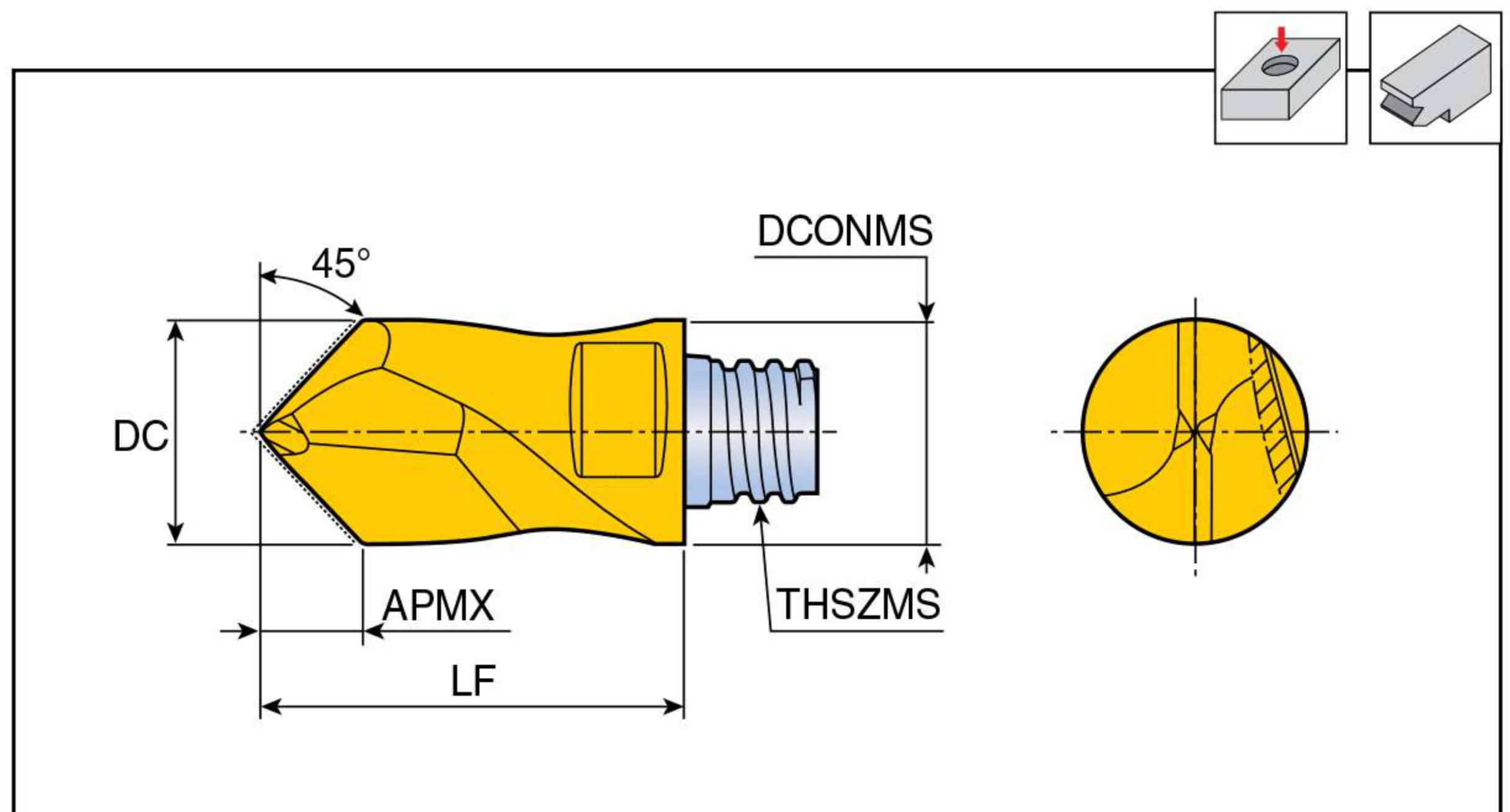
Designation	Feed (mm/tooth)	Dimension (mm)						Grade
		DC	RE	APMX	LF	THSZMS	DCONMS	
MXGC 080L08R04-02S05	0.03-0.09	8	0.4	7.7	10.0	S05	7.6	●
080L08R10-02S05	0.03-0.09	8	1.0	7.7	10.0	S05	7.6	●
100L09R04-02S06	0.03-0.10	10	0.4	9.0	12.4	S06	9.5	●
100L09R20-02S06	0.03-0.10	10	2.0	9.0	12.4	S06	9.5	●
120L10R04-02S08	0.04-0.11	12	0.4	10.0	14.2	S08	11.5	●
120L10R10-02S08	0.04-0.11	12	1.0	10.0	14.2	S08	11.5	●
120L10R20-02S08	0.04-0.11	12	2.0	10.0	14.2	S08	11.5	●
160L15R04-02S10	0.05-0.13	16	0.4	14.9	19.0	S10	15.2	●

► Wrench should be ordered separately

●: Standard items

MXDS-02 new

2 flute, for spot drill & chamfer



Designation	Dimension (mm)					Grade
	DC	APMX	LF	THSZMS	DCONMS	
MXDS 060A45-02S04	6	2.7	11.0	S04	5.7	●
080A45-02S05	8	3.7	15.0	S05	7.7	●
100A45-02S06	10	4.4	19.0	S06	9.7	●
120A45-02S08	12	5.4	23.0	S08	11.7	●
160A45-02S10	16	7.1	28.0	S10	15.3	●

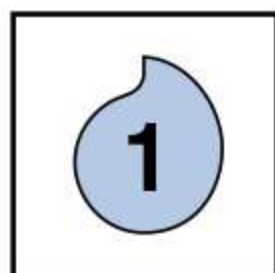
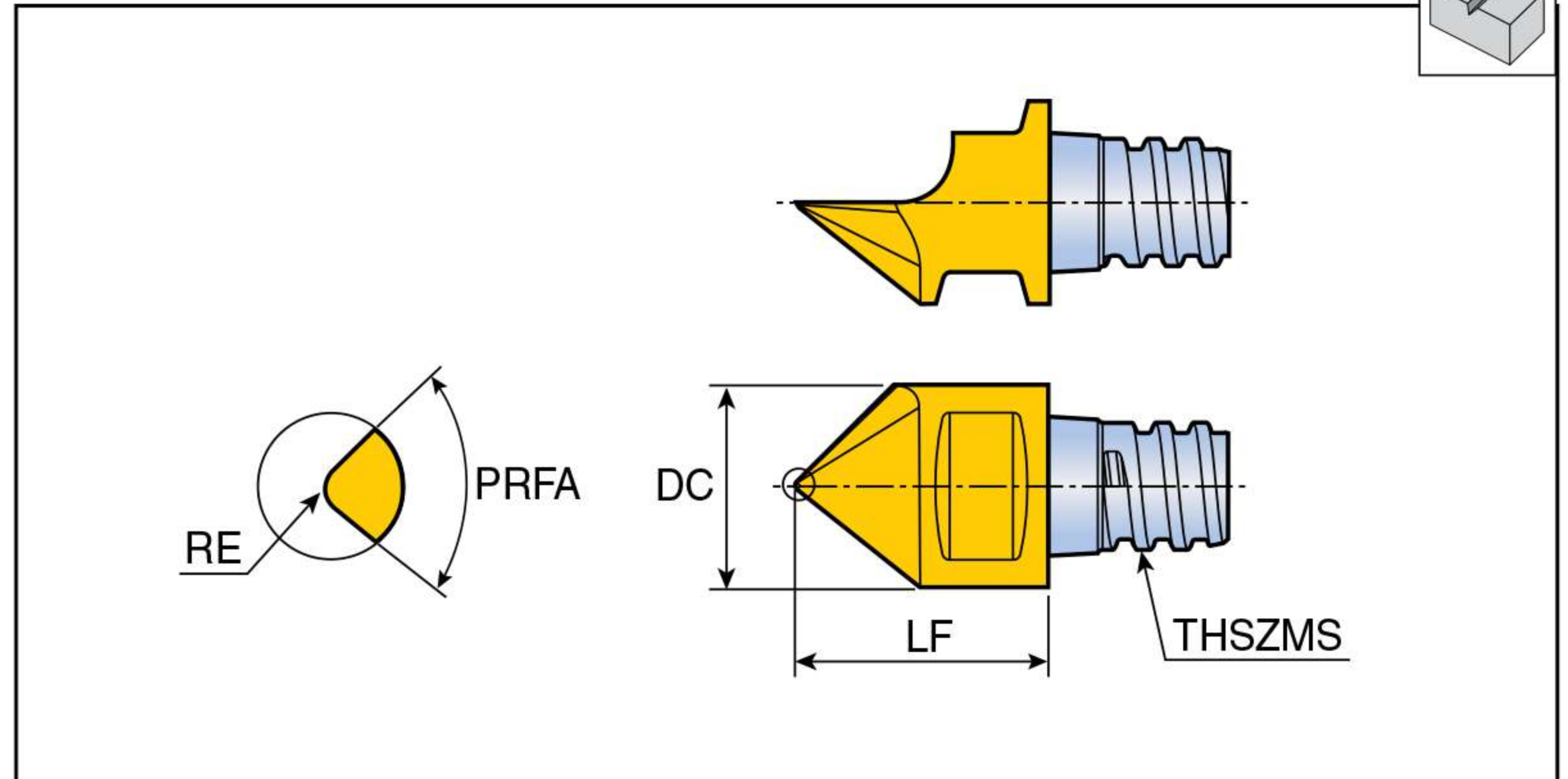
► Wrench should be ordered separately

●: Standard items

MXEG-01 new



single flute, for engraving



Designation	Dimension (mm)					Grade
	DC	RE	PRFA	LF	THSZMS	
MXEG 060A60-01S04	6	0.2	60	8.5	S04	●
080A30-01S05	8	0.2	30	10.0	S05	●
080A45-01S05	8	0.2	45	10.0	S05	●
080A60-01S05	8	0.2	60	10.0	S05	●
080A90-01S05	8	0.2	90	10.0	S05	●

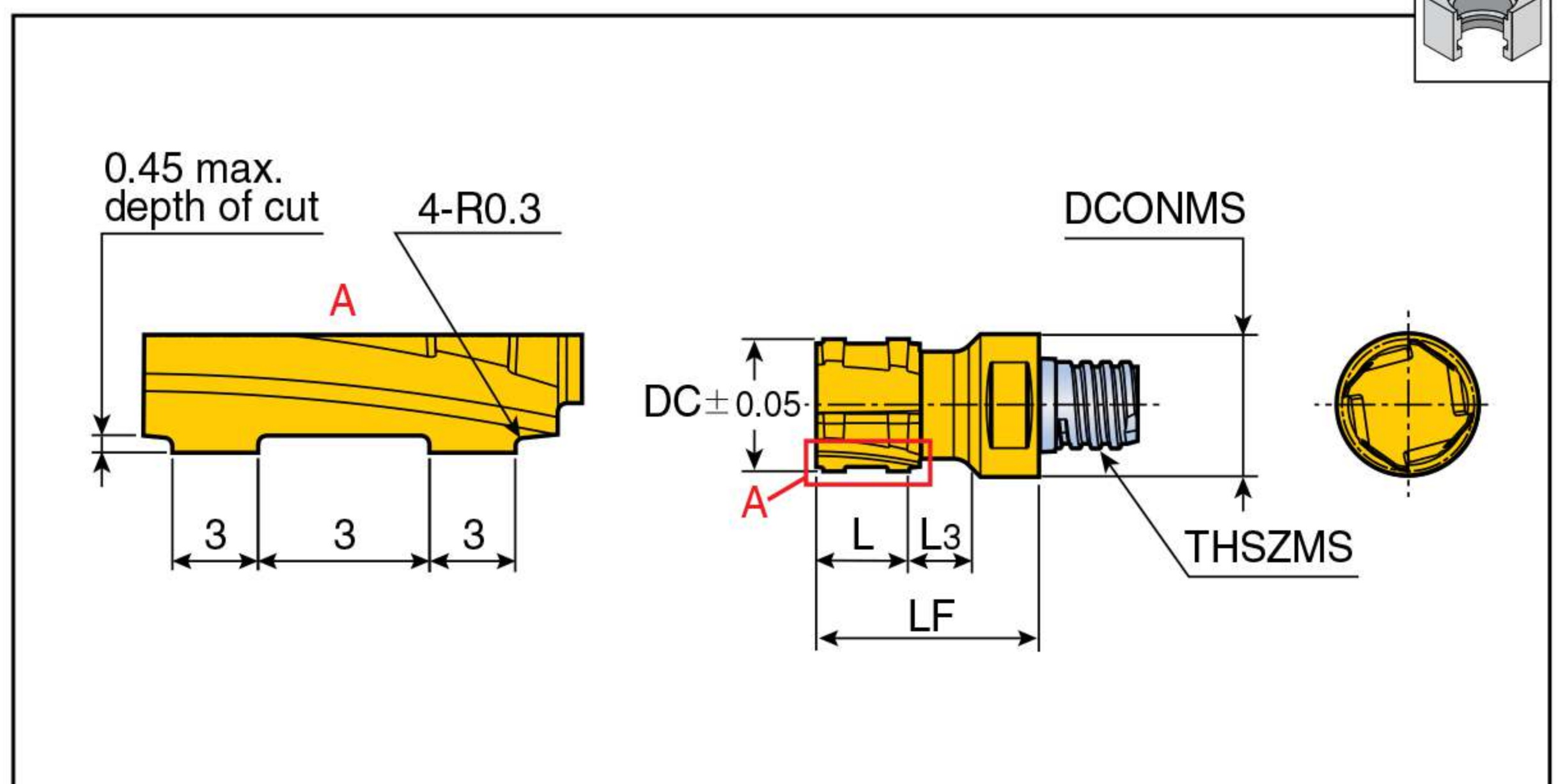
▶ Wrench should be ordered separately

●: Standard items

MXDG-04 new



4 flute, internal grooving for heat exchanger tube sheets



Designation	Dimension (mm)							Key	Grade
	DC	L	L3	LF	THSZMS	DCONMS	D _{MIN}		
MXDG 155-04S10-8238	15.5	14.2	17.8	33.7	S10	16.0	15.88	MX KEY S08	●
185-04S12-8239	18.5	14.5	18.3	34.5	S12	18.5	19.05	MX KEY S10	●
245-04S15-8240	24.5	14.4	11.0	37.2	S15	23.8	25.40	MX KEY S15	●

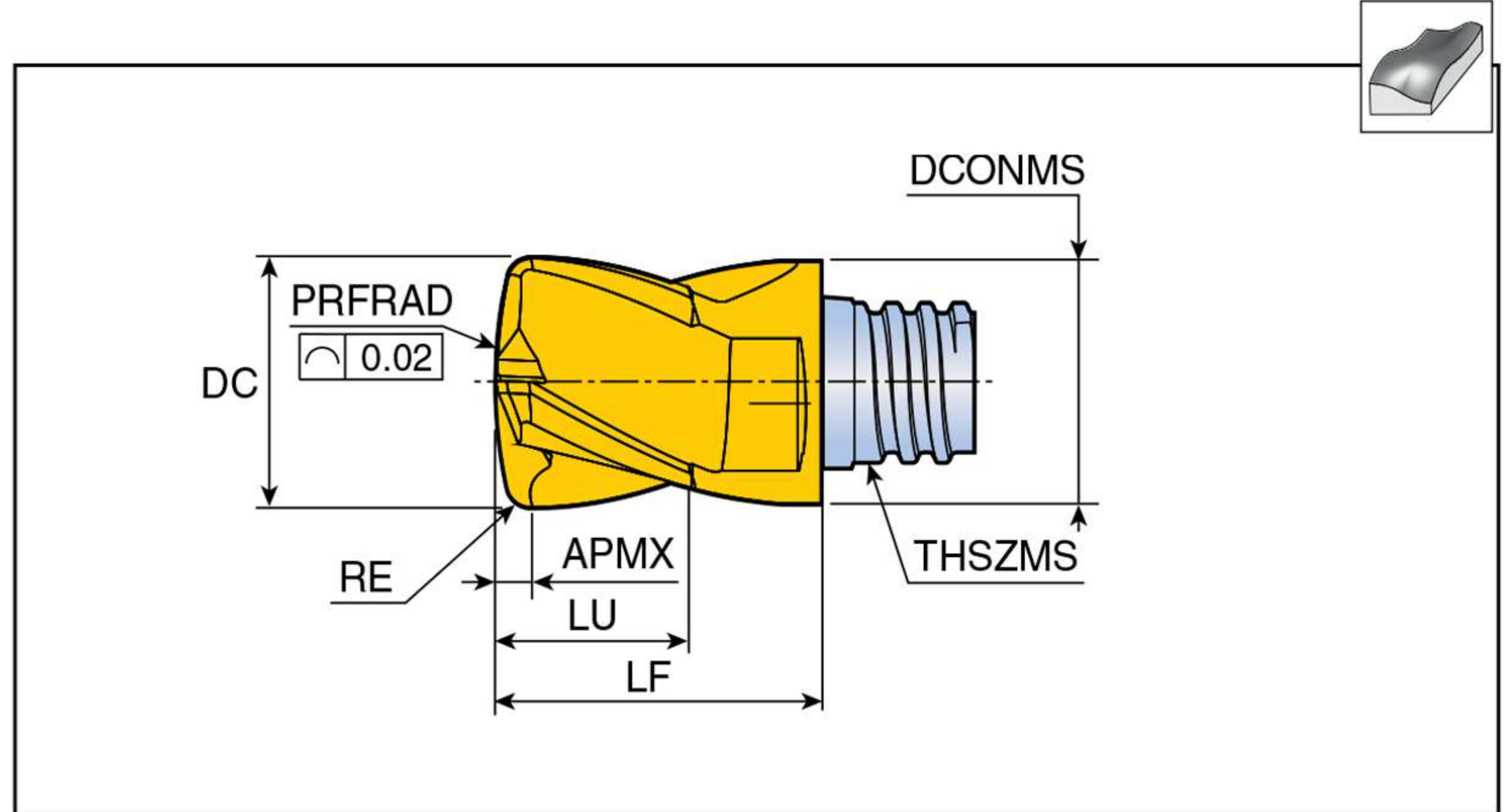
▶ Wrench should be ordered separately

●: Standard items

MXCSL



4 flute, lens shape for 5-axis profiling



Designation	Feed (mm/tooth)	Dimension (mm)								Grade
		DC	PRFRAD	RE	APMX	LU	LF	THSZMS	DCONMS	
MXCSL 4080R016-S05	0.02-0.08	8	16	0.5	0.9	5.5	10.0	S05	8	●
4100R020-S06	0.03-0.09	10	20	1.0	1.4	7.5	13.0	S06	10	●
4120R024-S08	0.03-0.10	12	24	1.0	1.6	9.0	16.5	S08	12	●
4160R032-S10	0.04-0.12	16	32	1.0	1.8	12.0	20.5	S10	16	●

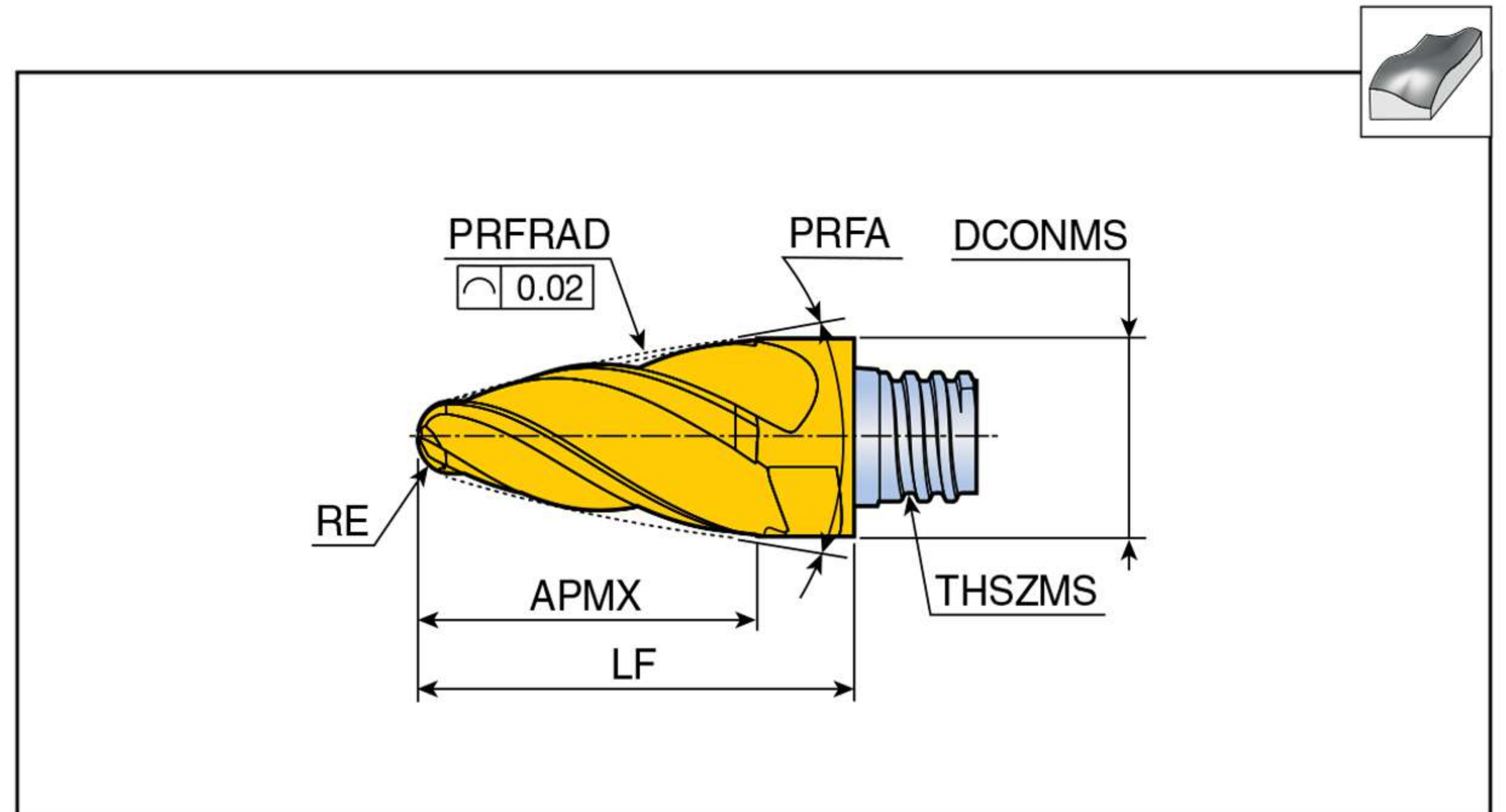
- ▶ Wrench should be ordered separately
- ▶ PRFRAD: Profile radius

●: Standard items

MXCSO



4 flute, oval shape for 5-axis profiling



Designation	Feed (mm/tooth)	Dimension (mm)							Grade
		PRFRAD	RE	APMX	LF	PRFA	THSZMS	DCONMS	
MXCSO 4080R080-S05	0.02-0.08	80	1.5	14.2	18.0	24	S05	8	●
4100R085-S06	0.03-0.09	85	2.0	16.5	22.0	24	S06	10	●
4120R075-S08	0.03-0.10	75	2.0	21.3	27.0	24	S08	12	●
4160R075-S10	0.04-0.12	75	3.0	27.0	33.4	24	S10	16	●

- ▶ Wrench should be ordered separately
- ▶ PRFRAD: Profile radius

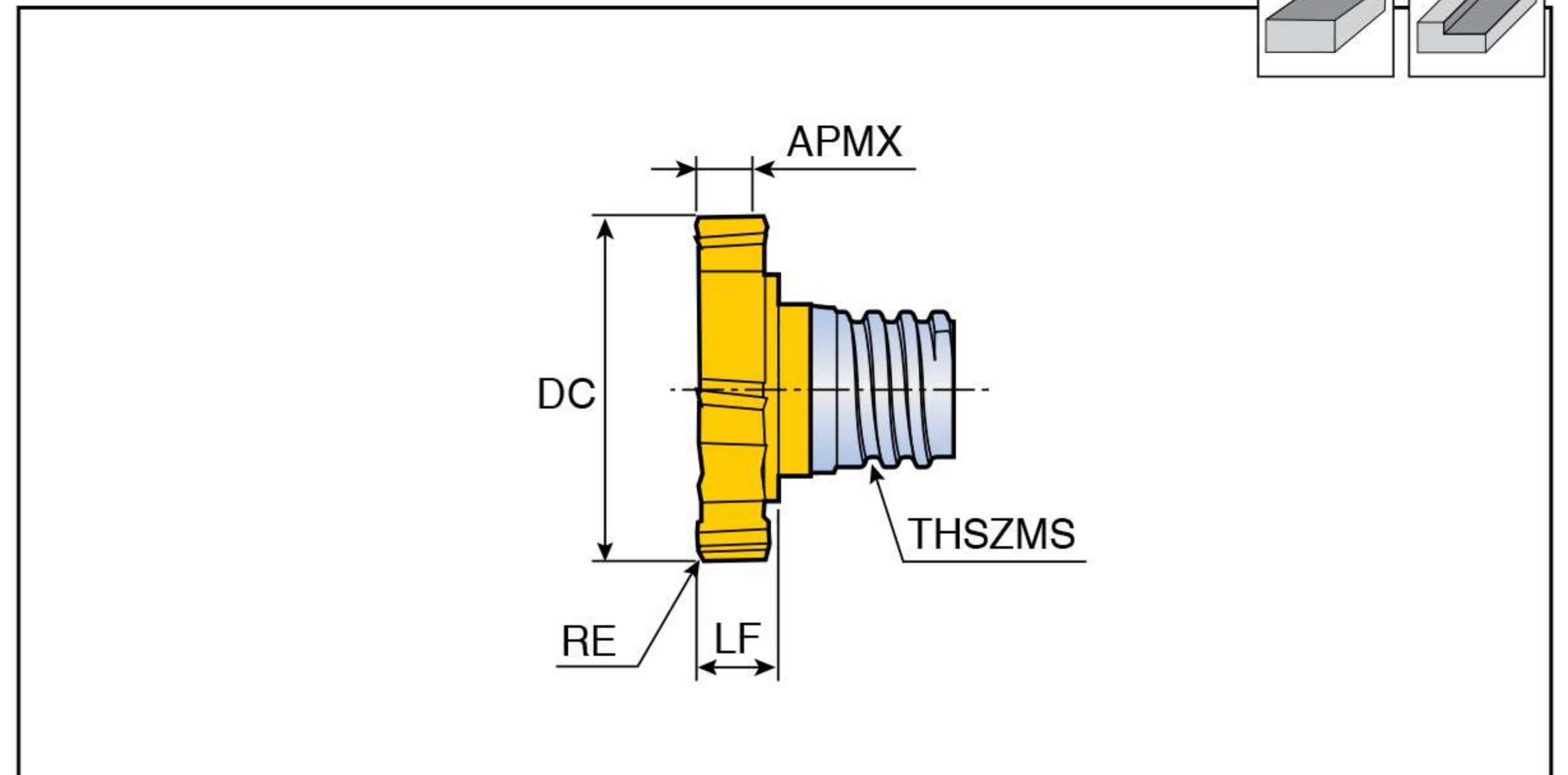
●: Standard items

Taegutec Solid End Mill Line

MXFM-I06 **new**



6 flute, for face milling



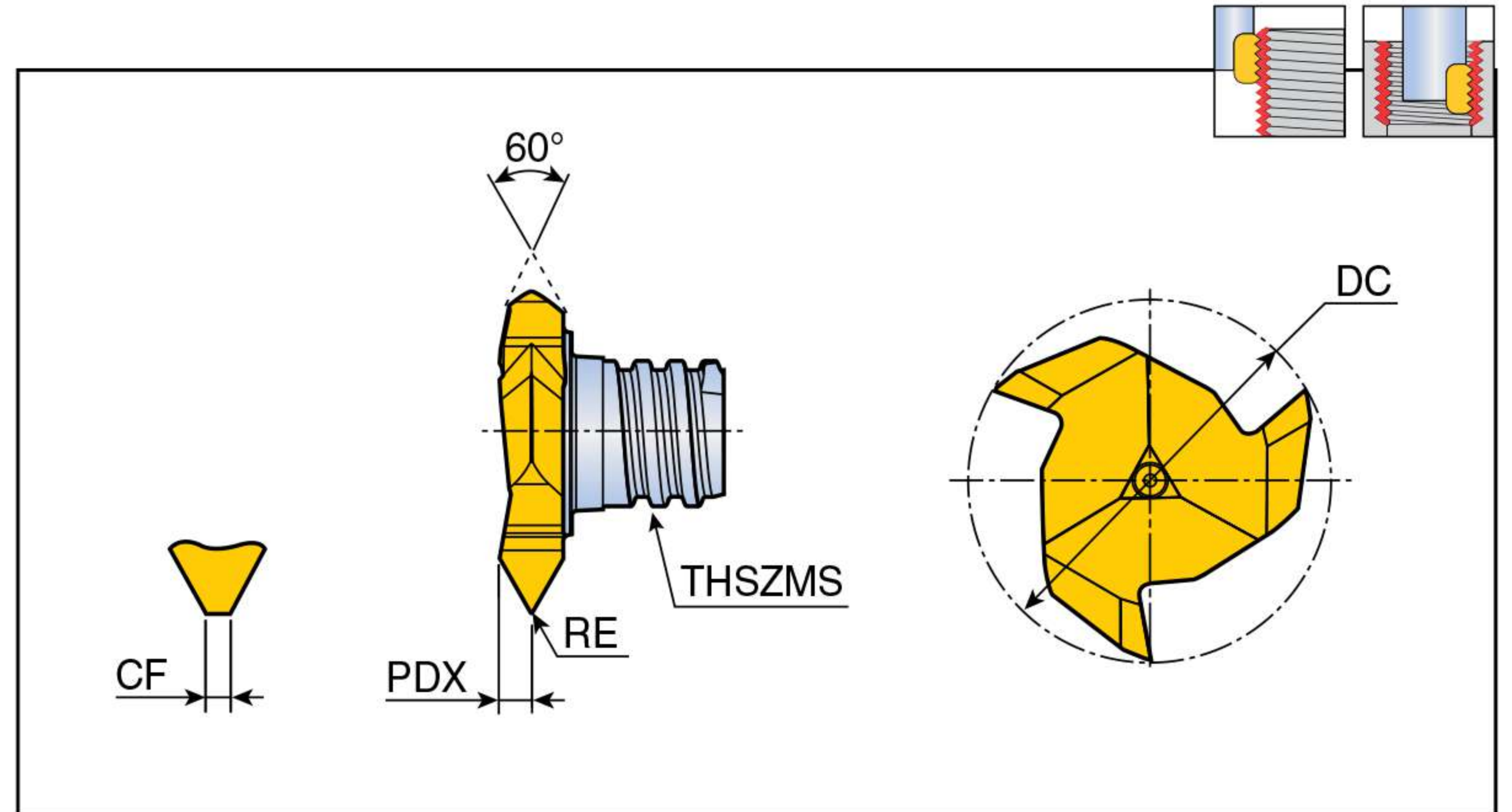
Designation	Feed (mm/tooth)	Dimension (mm)					Torx	Grade
		DC	RE	APMX	LF	THSZMS		
MXFM 100L036R02I06S05	0.04-0.10	10	0.2	3.6	4.4	S05	T20	●
120L036R02I06S05	0.04-0.10	12	0.2	3.6	4.4	S05	T20	●
160L048R04I06S06	0.05-0.10	16	0.4	4.8	5.6	S06	T25	●
200L060R04I06S08	0.05-0.10	20	0.4	6.0	6.8	S08	T40	●
250L075R04I06S10	0.05-0.10	25	0.4	7.5	8.4	S10	T50	●

► Wrench should be ordered separately ●: Standard items



TTRD-A60 new

3, 4 flute, ISO threading



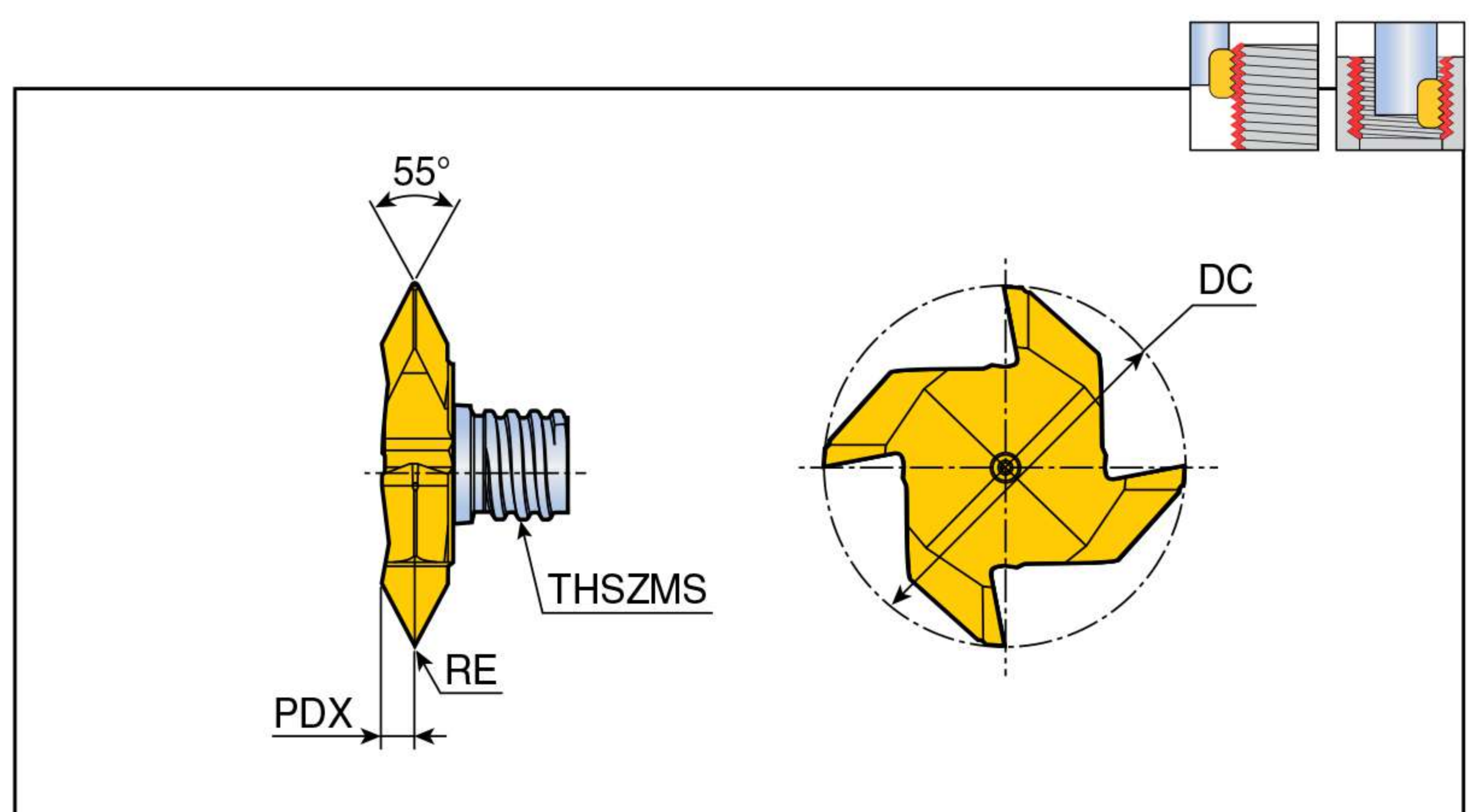
Designation	TP	Dimension (mm)							Grade
		DC	NOF	PDX	RE	CF	RANGE	THSZMS	
TTRD 16A60-0.5P-3S06	0.5-2.0	15.7	3	1.4	-	0.05	M20	S06	●
16A60-1.5P-3S06	1.5-2.0	15.7	3	1.4	0.05	-	M22	S06	●
22A60-3.0P-4S08	3.0-4.5	21.7	4	2.4	0.20	-	M36	S08	●

- ▶ Wrench should be ordered separately
- ▶ NOF: Number of flutes
- ▶ TP: Threads pitch

●: Standard items

TTRD-W55 new

4 flute, BSW threading



Designation	TPI	Dimension (mm)					Grade
		DC	PDX	RE	RANGE	THSZMS	
TTRD 22W55-14P-4S08	14-11	21.7	2.0	0.2	3/4	S08	●

- ▶ Wrench should be ordered separately
- ▶ TPI: Threads per inch

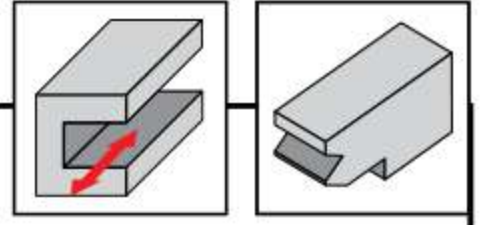
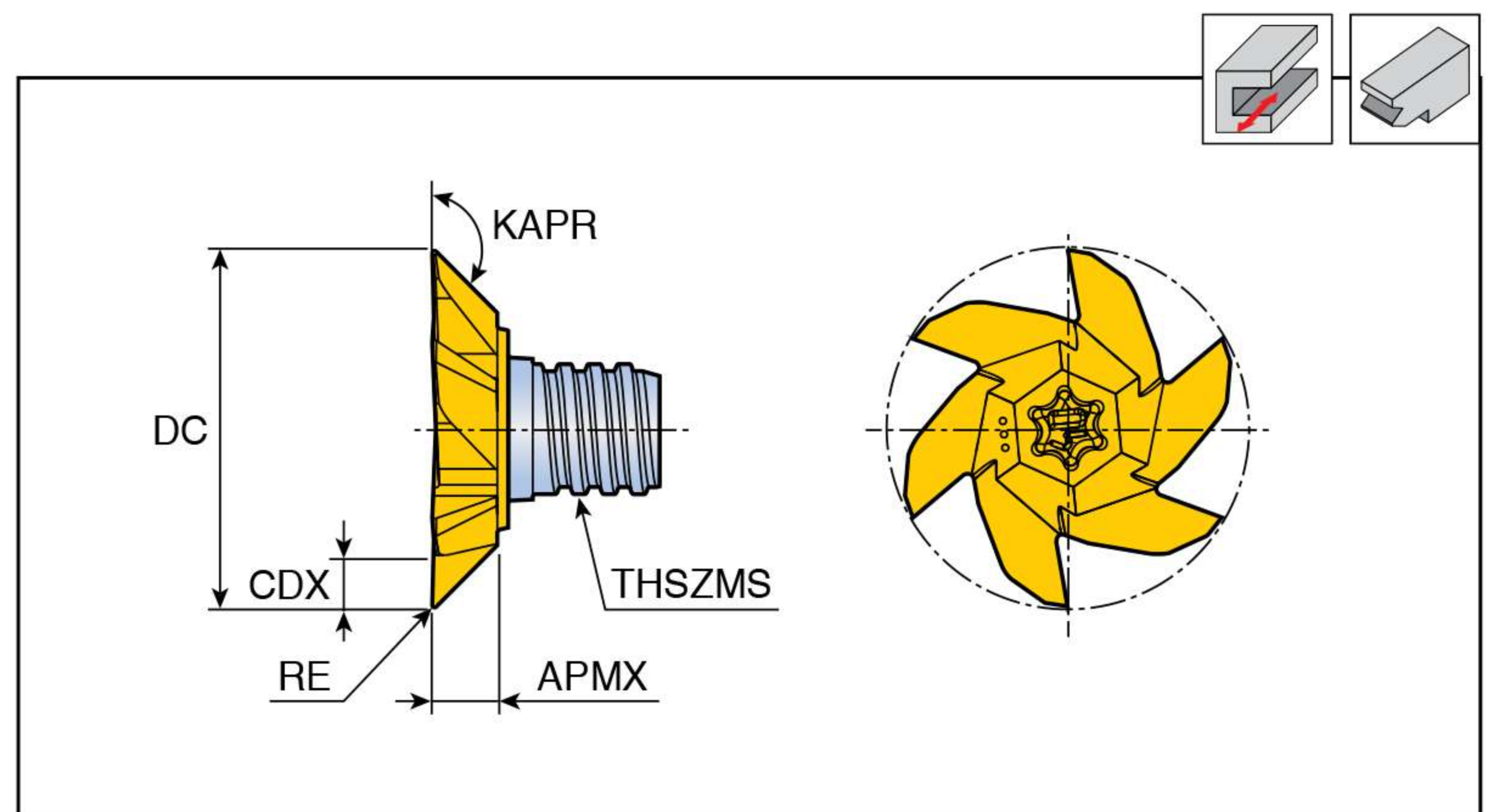
●: Standard items

Taegutec Solid End Mill Line

TDT-06 new



6 flute, dovetail



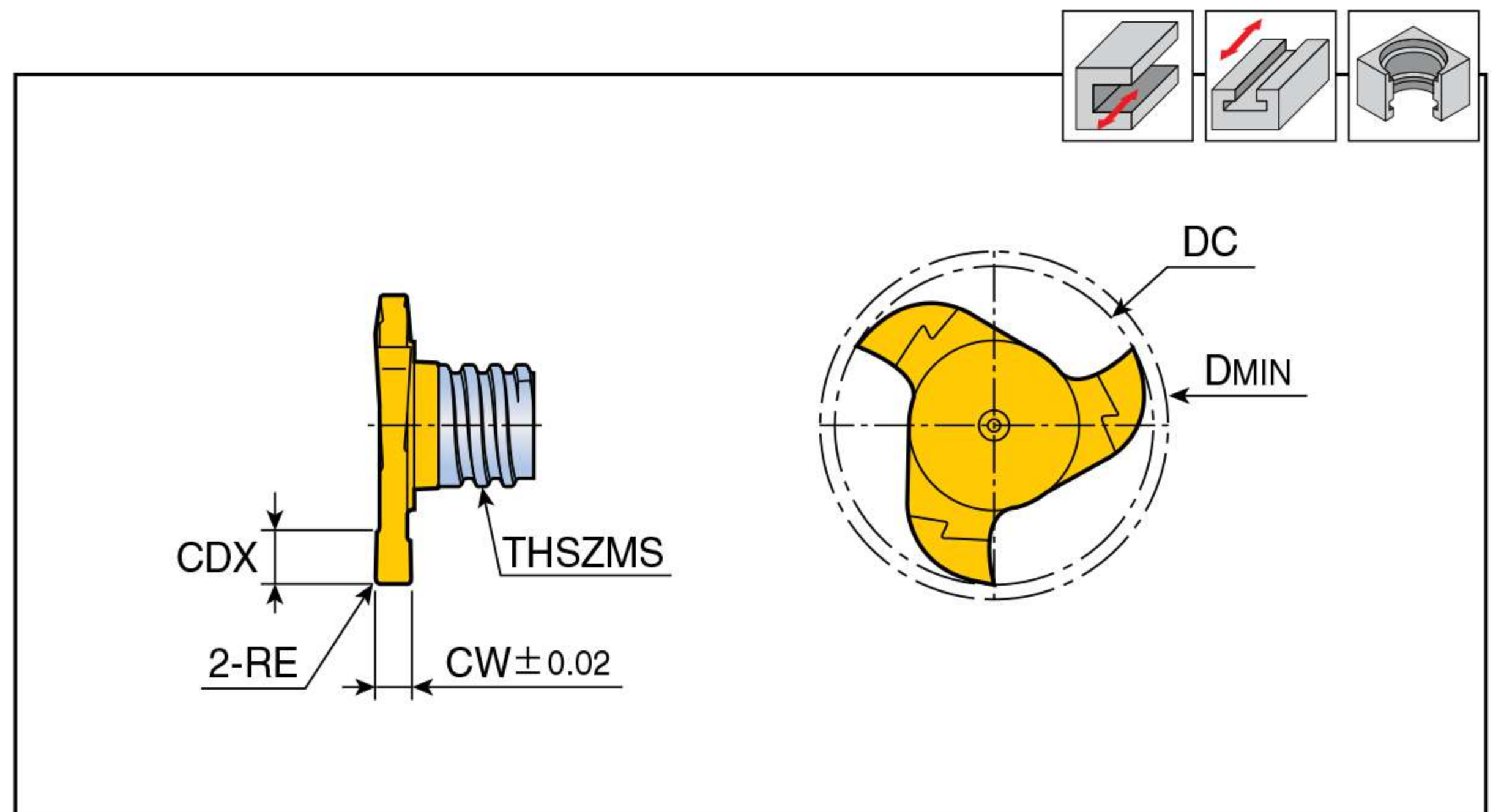
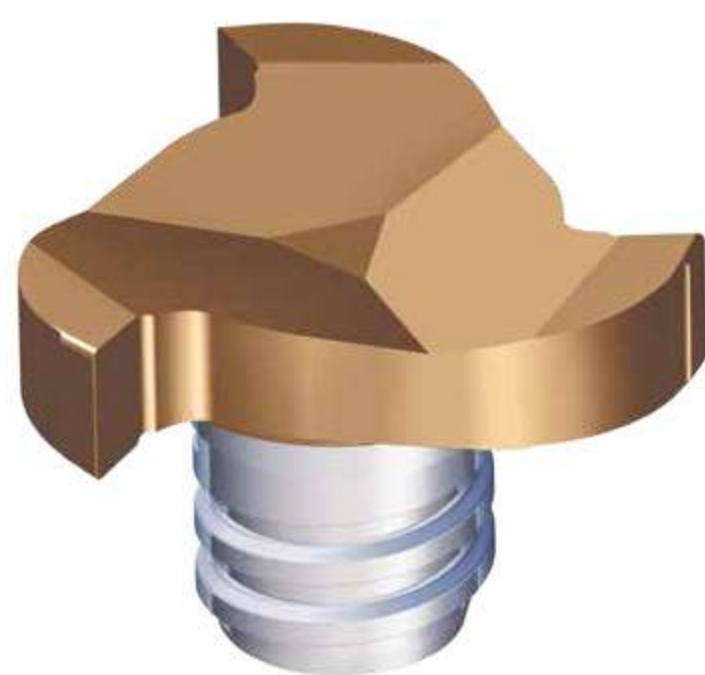
Designation	Dimension (mm)							Grade
	DC	KAPR	CDX	APMX	RE	THSZMS	Torx	
TDT 277A45R02-06S10	27.7	135	4.0	5.05	0.2	S10	T40	●
277A60R02-06S10	27.7	120	4.0	7.75	0.2	S10	T40	●
277A75R02-06S10	27.7	105	2.2	10.15	0.2	S10	T40	●

► Wrench should be ordered separately ●: Standard items

TST-3



3 flute, for slotting

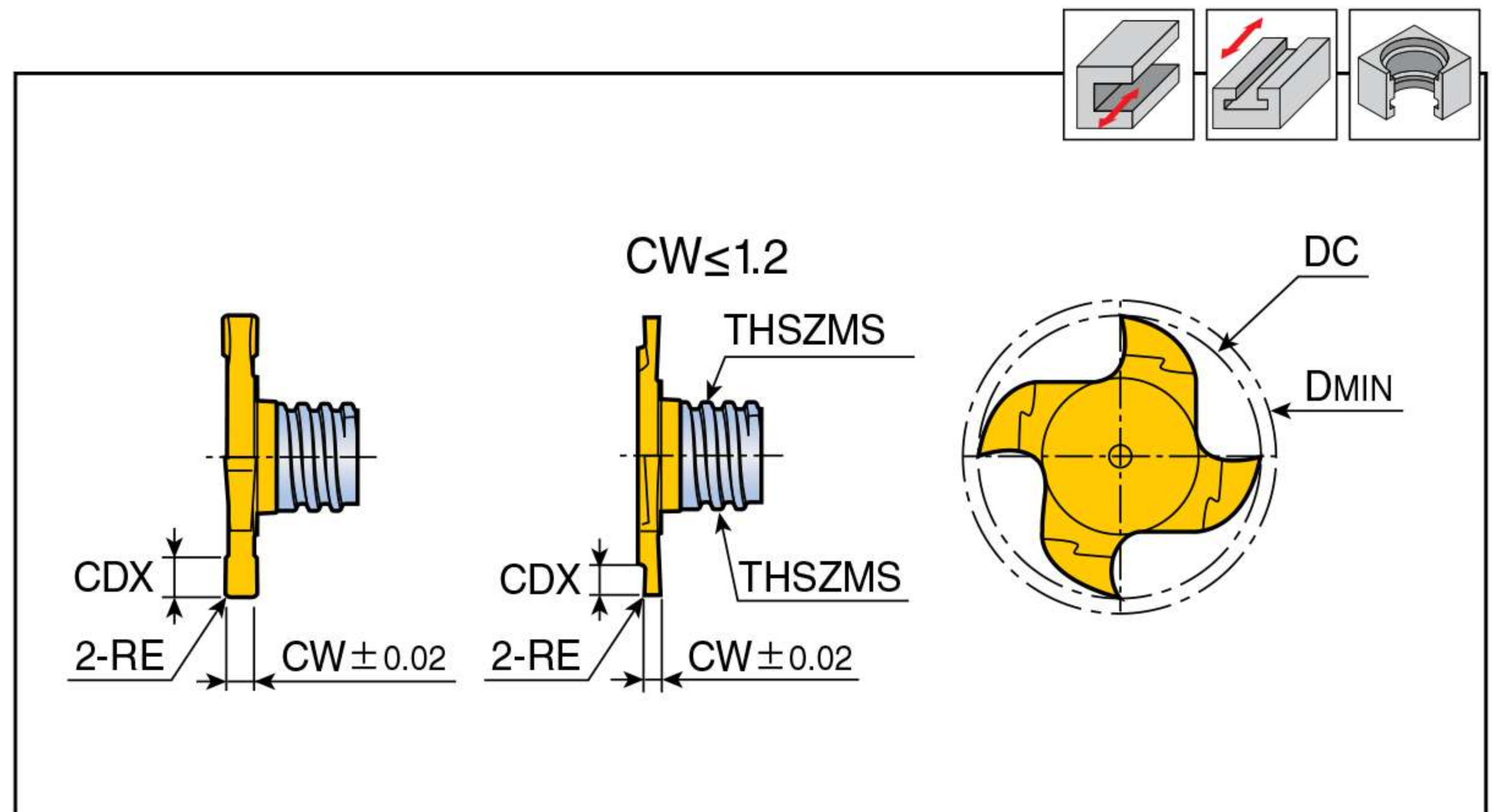
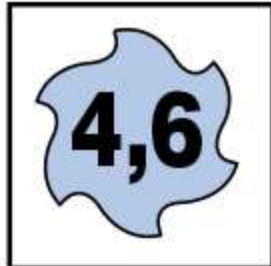
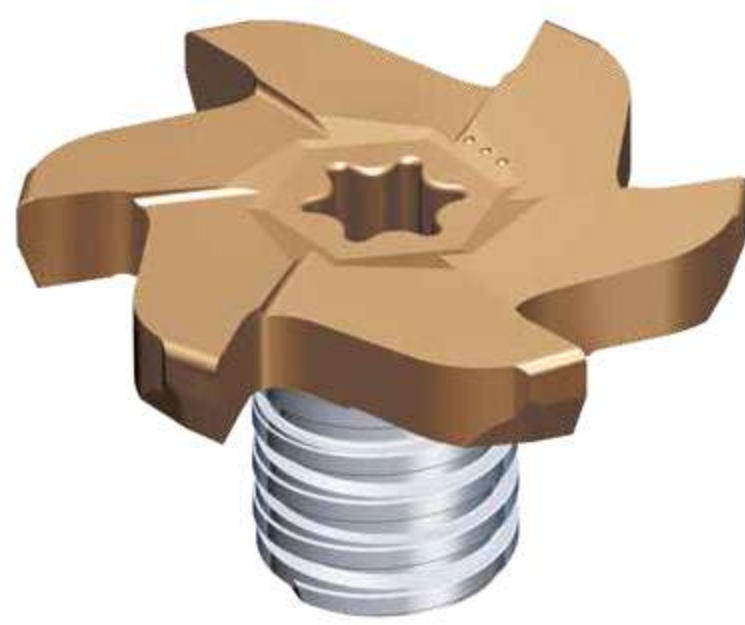


Designation	Feed (mm/tooth)	Dimension (mm)						Grade
		DC	CW	CDX	RE	THSZMS	DMIN	
TST 157W1.50R010-3S06	0.03-0.12	15.7	1.5	2.8	0.1	S06	16	●
157W1.57R020-3S06	0.03-0.12	15.7	1.57	2.8	0.2	S06	16	●
157W2.0R020-3S06	0.03-0.12	15.7	2.0	2.8	0.2	S06	16	●
157W2.50R020-3S06	0.03-0.12	15.7	2.5	2.8	0.2	S06	16	●
157W3.0R020-3S06	0.03-0.13	15.7	3.0	2.8	0.2	S06	16	●
157W3.17R020-3S06	0.03-0.15	15.7	3.17	2.8	0.2	S06	16	●
177W1.20R005-3S06	0.03-0.12	17.7	1.2 ⁽¹⁾	3.8	0.05	S06	18	●
177W1.40R005-3S06	0.03-0.12	17.7	1.4 ⁽¹⁾	3.8	0.05	S06	18	●
177W1.50R010-3S06	0.03-0.12	17.7	1.5	3.8	0.1	S06	18	●
177W1.57R020-3S06	0.03-0.12	17.7	1.57	3.8	0.2	S06	18	●
177W1.70R005-3S06	0.03-0.12	17.7	1.7 ⁽¹⁾	3.8	0.05	S06	18	●
177W2.0R020-3S06	0.03-0.12	17.7	2.0	3.8	0.2	S06	18	●
177W2.20R110-3S06	0.03-0.12	17.7	2.2	3.8	1.1	S06	18	●
177W2.50R020-3S06	0.03-0.12	17.7	2.5	3.8	0.2	S06	18	●
177W3.0R020-3S06	0.03-0.13	17.7	3.0	3.8	0.2	S06	18	●
177W3.17R020-3S06	0.03-0.15	17.7	3.17	3.8	0.2	S06	18	●

► Wrench should be ordered separately ●: Standard items
 ► ⁽¹⁾ CW for circle clips according to DIN 471/472

TST-4/6

4, 6 flute, for slotting

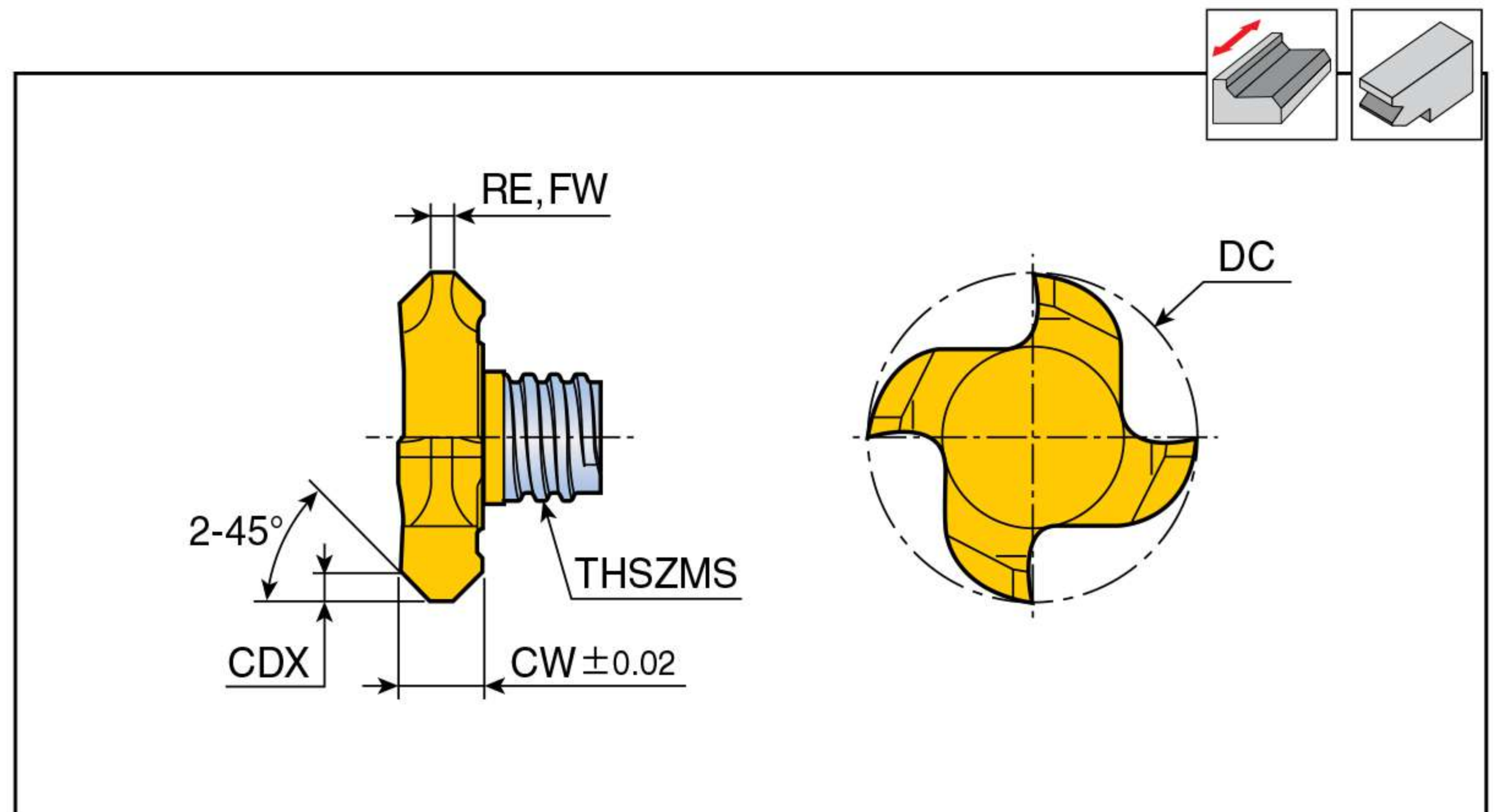


Designation	Feed (mm/tooth)	Dimension (mm)								Grade	
		DC	NOF	CW	CDX	RE	THSZMS	DMIN	Torx	TT5523	TT5543
TST 217W0.76R000-4S08	0.03-0.10	21.7	4	0.76 ⁽¹⁾	1.5	-	S08	22	-		●
217W0.96R000-4S08	0.03-0.10	21.7	4	0.96 ⁽¹⁾	1.9	-	S08	22	-		●
217W1.0R005-4S08	0.03-0.10	21.7	4	1.0	2.0	0.05	S08	22	-		●
217W1.20R005-4S08	0.03-0.12	21.7	4	1.2 ⁽¹⁾	4.5	0.05	S08	22	-		●
217W1.40R005-4S08	0.03-0.12	21.7	4	1.4 ⁽¹⁾	4.5	0.05	S08	22	-		●
217W1.57R000-4S08	0.03-0.12	21.7	4	1.57	4.5	-	S08	22	-		●
217W1.70R010-4S08	0.03-0.12	21.7	4	1.7 ⁽¹⁾	4.5	0.1	S08	22	-		●
217W1.95R020-4S08	0.03-0.12	21.7	4	1.95 ⁽¹⁾	4.5	0.2	S08	22	-		●
217W2.0R020-4S08	0.03-0.12	21.7	4	2.0	4.5	0.2	S08	22	-		●
217W2.25R020-4S08	0.03-0.12	21.7	4	2.25 ⁽¹⁾	4.5	0.2	S08	22	-		●
217W2.39R020-4S08	0.03-0.12	21.7	4	2.39	4.5	0.2	S08	22	-		●
217W2.50R020-4S08	0.03-0.12	21.7	4	2.5	4.5	0.2	S08	22	-		●
217W2.75R020-4S08	0.03-0.13	21.7	4	2.75 ⁽¹⁾	4.5	0.2	S08	22	-		●
217W3.0R020-4S08	0.03-0.13	21.7	4	3.0	4.5	0.2	S08	22	-		●
217W3.17R020-4S08	0.03-0.15	21.7	4	3.17	4.5	0.2	S08	22	-		●
217W3.25R020-4S08	0.03-0.15	21.7	4	3.25 ⁽¹⁾	4.5	0.2	S08	22	-		●
217W4.0R020-4S08	0.03-0.15	21.7	4	4.0	4.5	0.2	S08	22	-		●
217W4.25R020-4S08	0.03-0.15	21.7	4	4.25 ⁽¹⁾	4.5	0.2	S08	22	-		●
217W4.75R020-4S08	0.03-0.15	21.7	4	4.75	4.5	0.2	S08	22	-		●
217W5.25R020-4S08	0.03-0.17	21.7	4	5.25 ⁽¹⁾	4.5	0.2	S08	22	-		●
217W6.0R300-4S08 new	0.03-0.17	21.7	4	6.0	4.5	3	S08	22	-	●	
277W2.50R020-6S10	0.03-0.12	27.7	6	2.5	6.0	0.2	S10	28	T40		●
277W5.25R020-6S10	0.03-0.17	27.7	6	5.25	6.0	0.2	S10	28	T40		●
277W10R020-6S10	0.03-0.17	27.7	6	10.0	6.0	0.2	S10	28	T40		●

- ▶ Wrench should be ordered separately
 - ▶ NOF: Number of flutes
 - ▶ ⁽¹⁾ CW for circle clips according to DIN 471/472
- : Standard items

TST-A45

3-6 flute, for chamfering



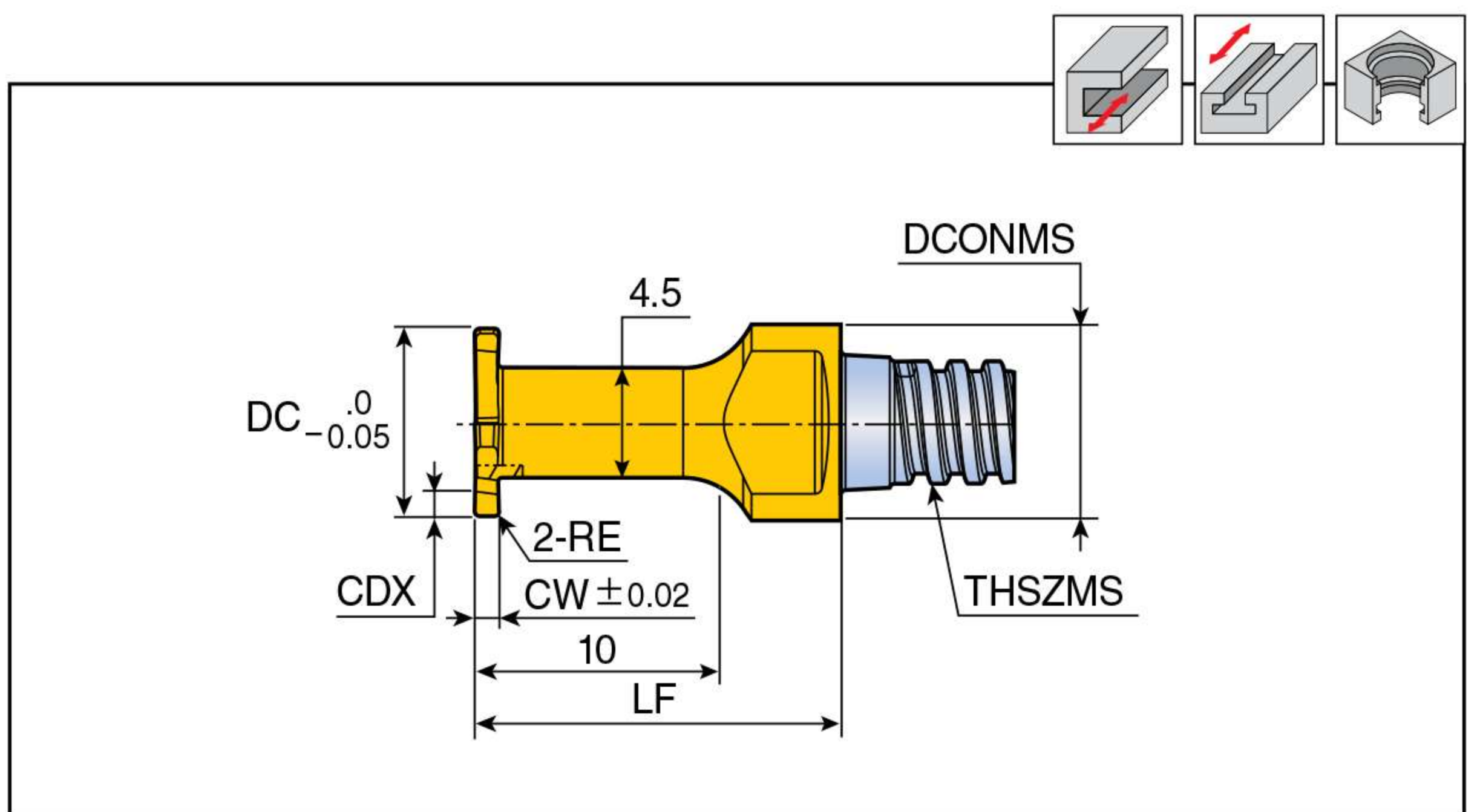
Designation	Feed (mm/tooth)	Dimension (mm)							Grade	
		DC	NOF	CW	CDX	RE	FW	THSZMS	TT5523	TT5543
TST 177L01.40A45-3S06	0.03-0.15	17.7	3	3.4	1.4	0.1	-	S06		●
217L01.70A45-4S08	0.03-0.17	21.7	4	5.5	1.7	-	1.5	S08		●
277L04.00A45-6S10 new	0.03-0.17	27.7	6	9.8	4.0	-	0.5	S10	●	

- ▶ Wrench should be ordered separately
- ▶ NOF: Number of flutes
- ▶ FW: Flat width

●: Standard items

TTB-04 new

4 flute, for slotting



Designation	Feed (mm/tooth)	Dimension (mm)							Grade	
		DC	CW	CDX	RE	LF	THSZMS	DCONMS	TT5523	
TTB 077W1.0R02-04S05	0.02-0.08	7.7	1.0	1.2	0.2	15	S05	8.0		●
077W1.5R02-04S05	0.02-0.08	7.7	1.5	1.2	0.2	15	S05	8.0		●
077W2.0R02-04S05	0.02-0.08	7.7	2.0	1.2	0.2	15	S05	8.0		●

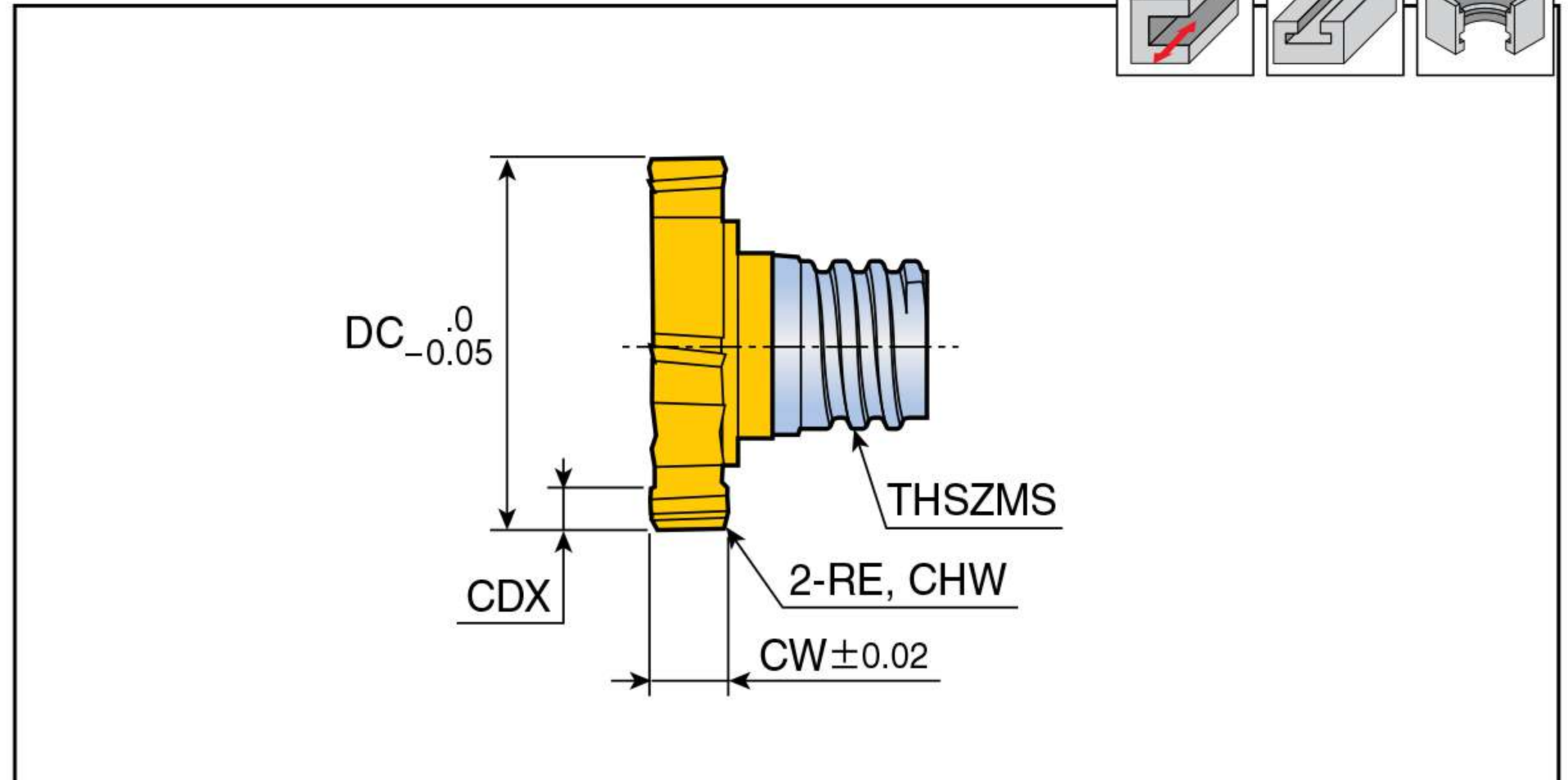
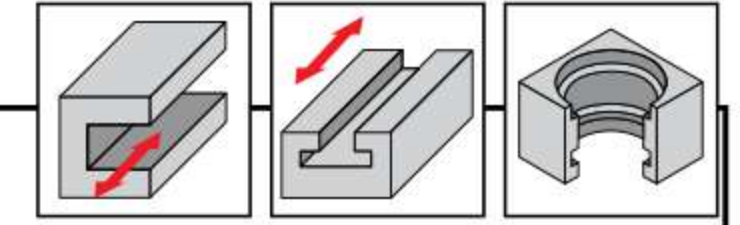
- ▶ Wrench should be ordered separately

●: Standard items

TTB-06



6 flute, for slotting



Designation	Feed (mm/tooth)	Dimension (mm)							Grade	
		DC	CW	CDX	CHW	RE	THSZMS	Torx	TT5523	TT5543
TTB 105W2.0R04-06S04 new	0.02-0.10	10.5	2.0	2.0	-	0.4	S04	T15		●
127W1.58C15-06S05 new	0.03-0.12	12.7	1.58	2.25	0.15	-	S05	T20	●	
127W1.98C15-06S05 new	0.03-0.12	12.7	1.98	2.25	0.15	-	S05	T20	●	
135W2.0C15-06S05	0.03-0.12	13.5	2.0	2.65	0.15	-	S05	T20		●
135W3.0R04-06S05	0.03-0.13	13.5	3.0	2.65	-	0.4	S05	T20		●
135W4.0R04-06S05	0.03-0.15	13.5	4.0	2.65	-	0.4	S05	T20		●
160W2.0R04-06S06	0.03-0.12	16.0	2.0	2.9	-	0.4	S06	T20		●
160W3.0R04-06S06	0.03-0.13	16.0	3.0	2.9	-	0.4	S06	T25		●
160W4.0R04-06S06	0.03-0.15	16.0	4.0	2.9	-	0.4	S06	T25		●
165W2.0R04-06S06	0.03-0.12	16.5	2.0	3.15	-	0.4	S06	T20		●
165W3.0R04-06S06	0.03-0.13	16.5	3.0	3.15	-	0.4	S06	T25		●
165W4.0R04-06S06	0.03-0.15	16.5	4.0	3.15	-	0.4	S06	T25		●
195W4.0R04-06S08	0.03-0.15	19.5	4.0	3.45	-	0.4	S08	T30		●
195W5.0R04-06S08	0.03-0.15	19.5	5.0	3.45	-	0.4	S08	T30		●
195W6.0R04-06S08	0.03-0.17	19.5	6.0	3.45	-	0.4	S08	T30		●
225W5.0R04-06S08	0.03-0.15	22.5	5.0	4.95	-	0.4	S08	T40		●
225W6.0R04-06S08	0.03-0.17	22.5	6.0	4.95	-	0.4	S08	T40		●
225W8.0R04-06S08	0.03-0.17	22.5	8.0	4.95	-	0.4	S08	T40		●
250W6.0R04-06S08	0.03-0.17	25.0	6.0	5.9	-	0.4	S08	T50		●
250W8.0R04-06S08	0.03-0.17	25.0	8.0	5.9	-	0.4	S08	T50		●
250W5.0R04-06S10	0.03-0.15	25.0	5.0	4.3	-	0.4	S10	T50		●
250W6.0R04-06S10	0.03-0.17	25.0	6.0	4.3	-	0.4	S10	T50		●
250W8.0R04-06S10	0.03-0.17	25.0	8.0	4.3	-	0.4	S10	T50		●

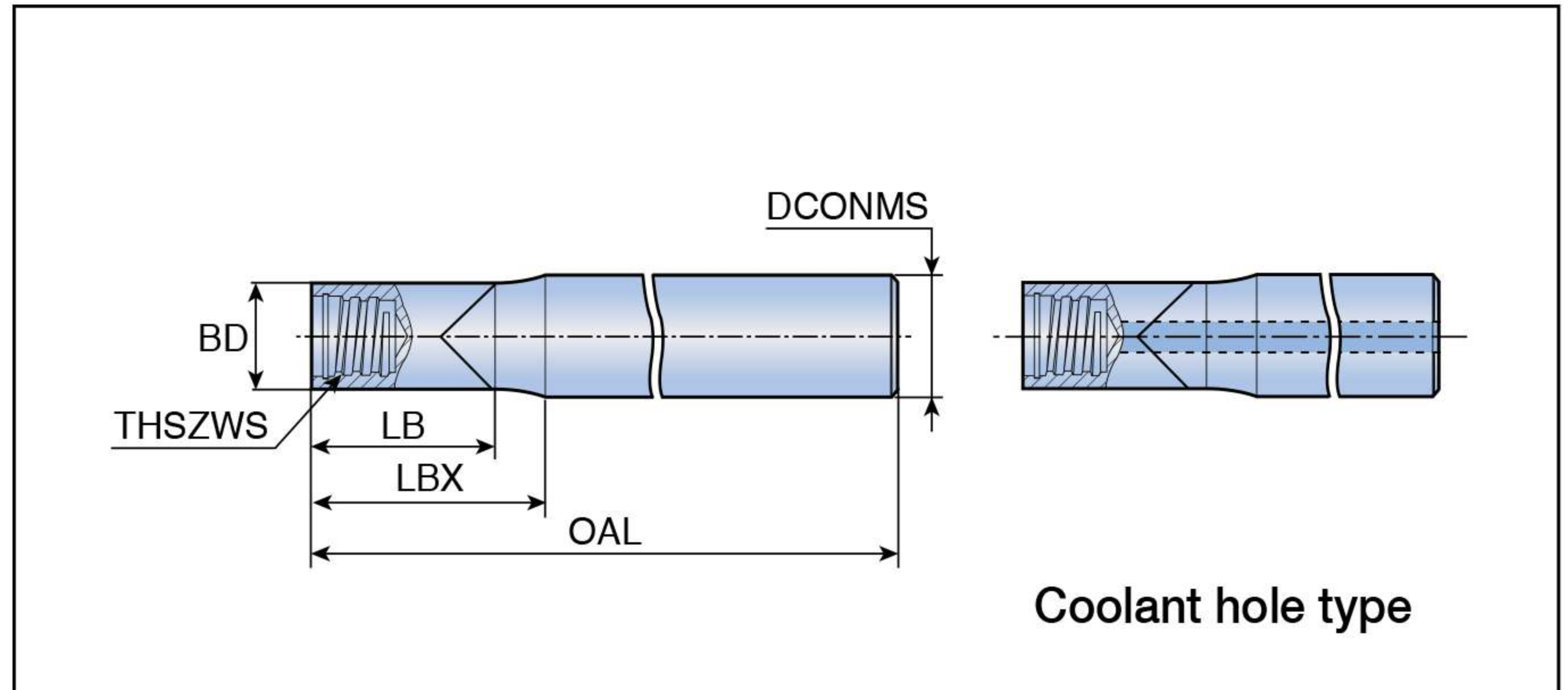
► Wrench should be ordered separately

●: Standard items

MXSSD-C



Carbide shanks with step neck & internal coolant hole



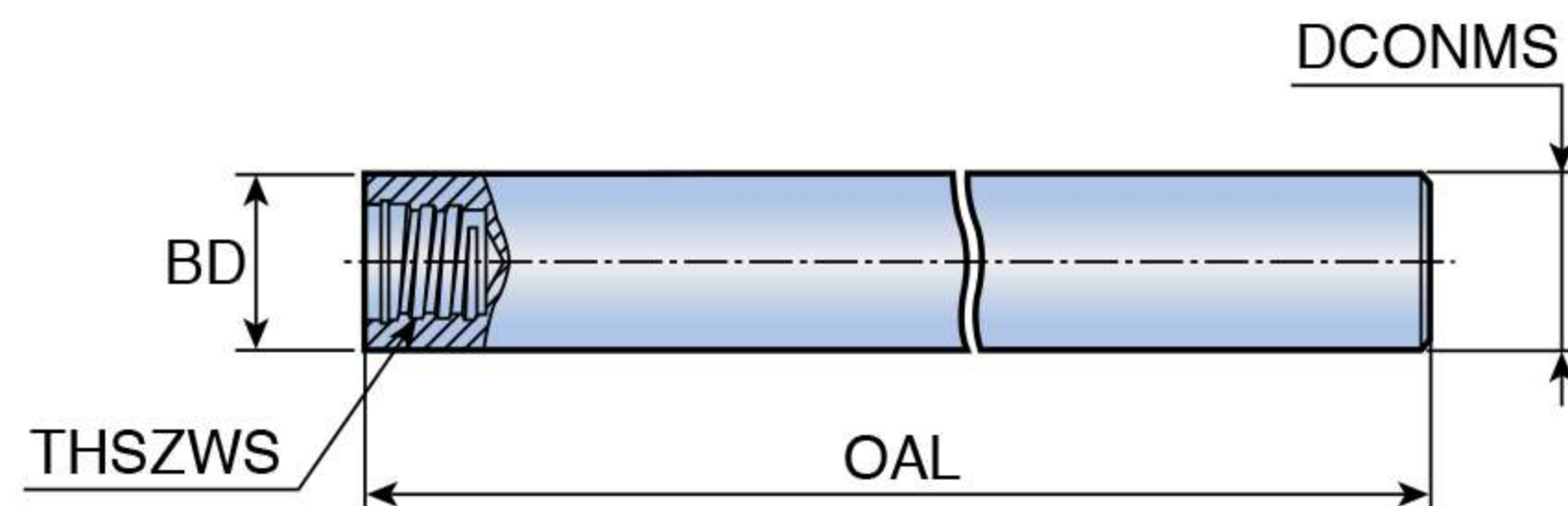
Designation	Dimension (mm)						Coolant hole	Shank material
	THSZWS	DCONMS	BD	OAL	LB	LBX		
MXSSD 08L070S05-C	S05	8	7.6	70	19	20	X	Carbide
08L090S05-C	S05	8	7.6	90	39	40	X	Carbide
08L110S05-C	S05	8	7.6	110	59	60	X	Carbide
10L070S06-C	S06	10	9.6	70	18.5	20	X	Carbide
10L090S06-C	S06	10	9.6	90	38.5	40	X	Carbide
10L110S06-C	S06	10	9.6	110	58.5	60	X	Carbide
10L150S06-C	S06	10	9.6	150	98.5	100	X	Carbide
12L070S08-C	S08	12	11.5	70	17	20	X	Carbide
12L070S08-C-A new	S08	12	11.5	70	17	20	●	Carbide
12L090S08-C	S08	12	11.5	90	37	40	X	Carbide
12L090LS08-C-A new	S08	12	11.5	90	37	40	●	Carbide
12L110S08-C	S08	12	11.5	110	57	60	X	Carbide
12L110S08-C-A new	S08	12	11.5	110	57	60	●	Carbide
12L130S08-C	S08	12	11.5	130	77	80	X	Carbide
12L130S08-C-A new	S08	12	11.5	130	77	80	●	Carbide
16L090S10-C	S10	16	15.2	90	38	40	X	Carbide
16L090S10-C-A new	S10	16	15.2	90	38	40	●	Carbide
16L110S10-C	S10	16	15.2	110	58	60	X	Carbide
16L110S10-C-A new	S10	16	15.2	110	58	60	●	Carbide
16L130S10-C	S10	16	15.2	130	78	80	X	Carbide
16L130S10-C-A new	S10	16	15.2	130	78	80	●	Carbide
16L150S10-C	S10	16	15.2	150	98	100	X	Carbide
20L090S12-C	S12	20	18.3	90	37	40	X	Carbide
20L130S12-C	S12	20	18.3	130	77	80	X	Carbide
20L200S12-C	S12	20	18.3	200	117	120	X	Carbide
25L120S15-C	S15	25	23.9	120	58	60	X	Carbide
25L170S15-C	S15	25	23.9	170	98	100	X	Carbide
25L250S15-C	S15	25	23.9	250	148	150	X	Carbide

▶ THSZWS: Connection thread size

MXSTD-S



Straight steel shanks



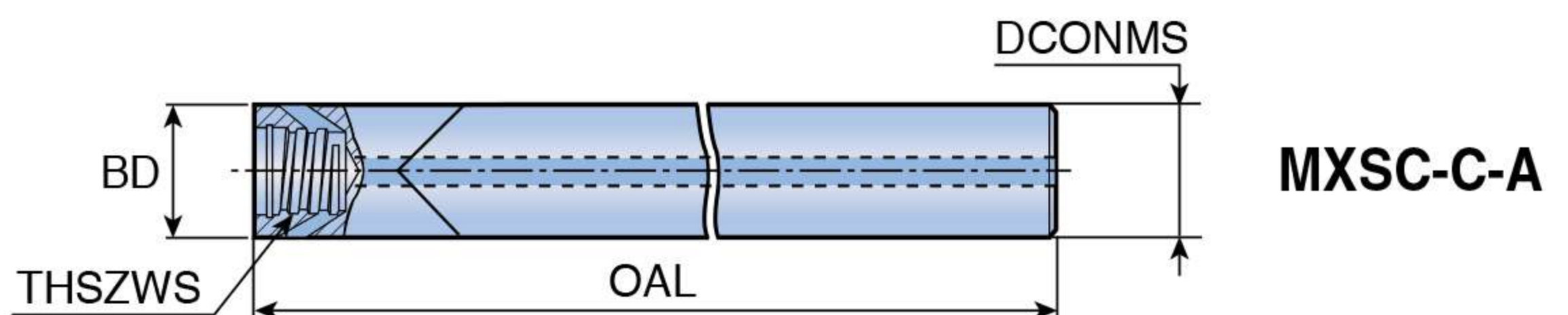
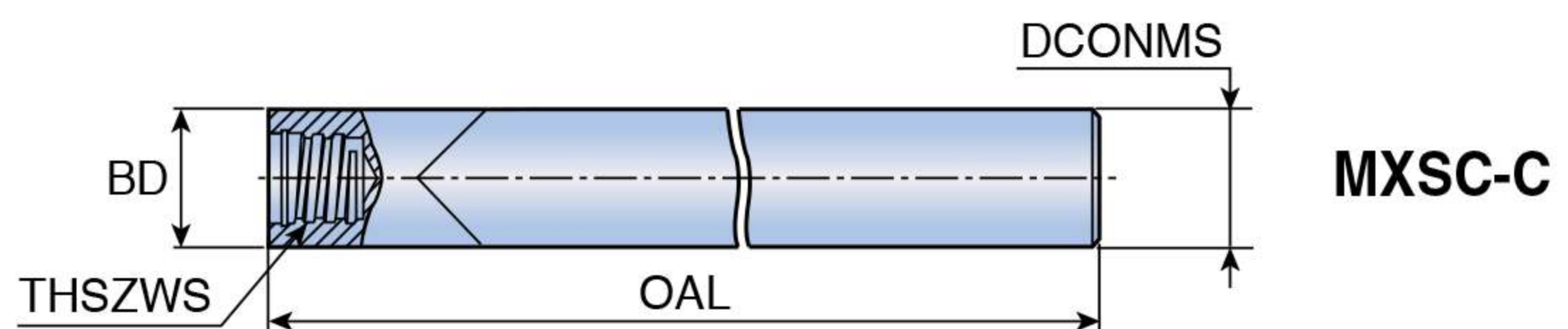
Designation	Dimension (mm)				Shank material
	THSZWS	DCONMS	BD	OAL	
MXSTD 06L070S04-S new	S04	6	6	70	Steel
08L050S05-S	S05	8	8	50	Steel
08L070S05-S	S05	8	8	70	Steel
10L050S06-S	S06	10	10	50	Steel
10L080S06-S	S06	10	10	80	Steel
12L090S08-S	S08	12	12	90	Steel
16L100S10-S	S10	16	16	100	Steel

► THSZWS: Connection thread size



MXSC-C

Straight carbide shanks






Designation	Dimension (mm)				Coolant hole	Shank material
	THSZWS	DCONMS	BD	OAL		
MXSC 100L100S06-C	S06	10	10	100	X	Carbide
120L100S08-C-A	S08	12	12	100	●	Carbide

► THSZWS: Connection thread size

Spare Parts








Wrench

Appearance	Designation	Connection thread size	Torque (N.m)	Head
	MX KEY-S05	S04, S05	7	Square Ball Round Drilling Chamfering Counter boring
	MX KEY-S06	S06	10	
	MX KEY-S08	S08	15	
	MX KEY-S10	S10	28	
	MX KEY-S12	S12	28	
	MX KEY-S15	S15	40	
	MX SKEY-S06	S06	10	TST, TTRD
	MX SKEY-S08	S08	15	
	MX SKEY-T40L	S08	15	MXFM TDT TTB TST-6S10
		S10	28	
	MX SKEY-T20	S05	7	
		S06	10	
	MX SKEY-T25	S06	10	
	MX SKEY-T30L	S08	15	
	MX SKEY-T50L	S08	15	
S10		28		

► Wrench should be ordered separately

Torque wrench

Appearance	Designation	Connection	Head designation	Torque (N.m)
Handle 	TORQUE WRENCH 5-50Nm 9x12	-	-	-
Open wrench for cylindrical head 	MX WRENCH 6-05	S04, S05	MXED, MXEE MXES, MXRD MXBE, MXDP MXCA	7
	MX WRENCH 8-06	S06		10
	MX WRENCH 10-08	S08		15
	MX WRENCH 13-10	S10		28
	MX WRENCH 16-12	S12		28
	MX WRENCH 20-15	S15		40
Open wrench for 2 flutes head 	MX WRENCH 4E-05	S05	MXRB, MXFX MXBB, MXCP MXGC, MXCW MXCR	7
	MX WRENCH 5E-06	S06		10
	MX WRENCH 7E-08	S08		15
	MX WRENCH 8E-10	S10		28
	MX WRENCH 9E-12	S12		28
90° adapter for torx bit 	INSERT TOOL 9x12mm	-	-	-
Torx bit socket 	BIT SOCKET T20 DRIVE	S04, S05, S06	TTB TST277	7, 10
	BIT SOCKET T25 DRIVE	S06		10
	BIT SOCKET T30 DRIVE	S08		15
	BIT SOCKET T40 DRIVE	S08, S10		15, 28
	BIT SOCKET T50 DRIVE	S08, S10		15, 28

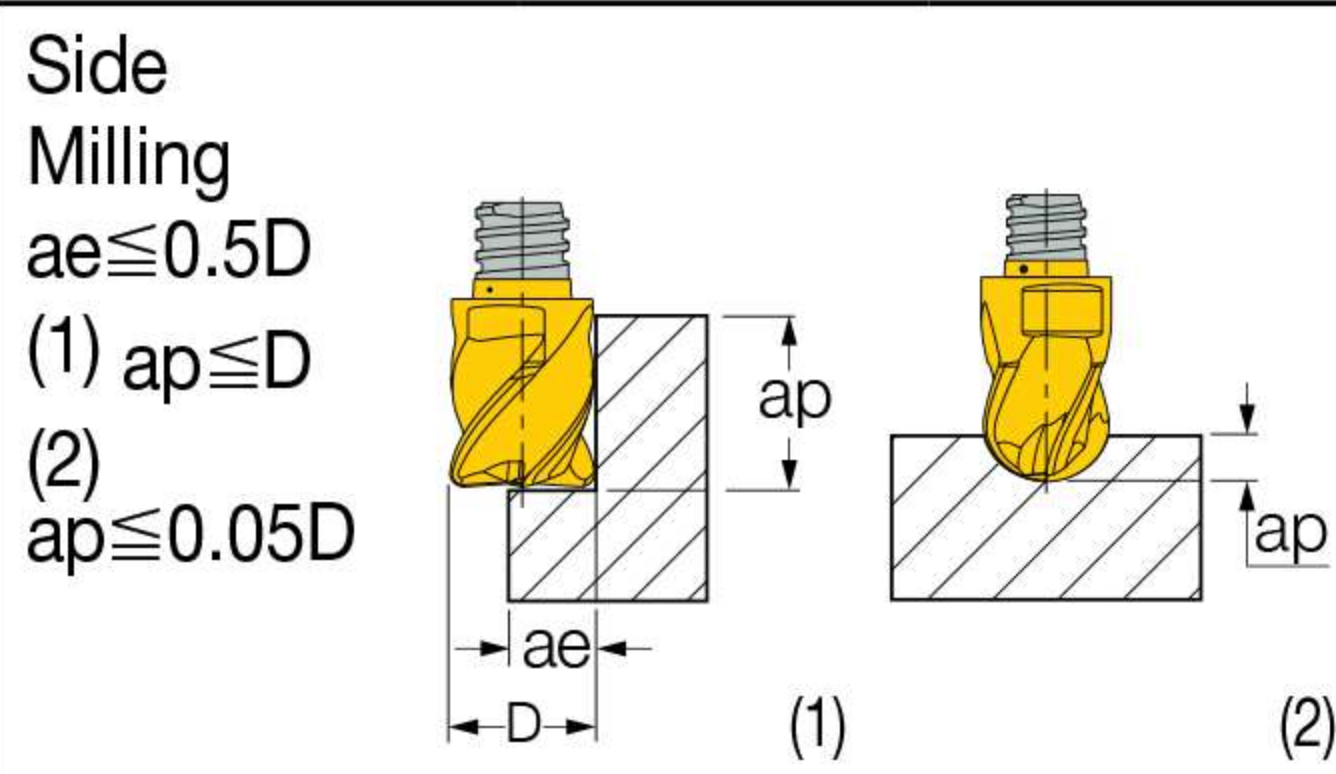
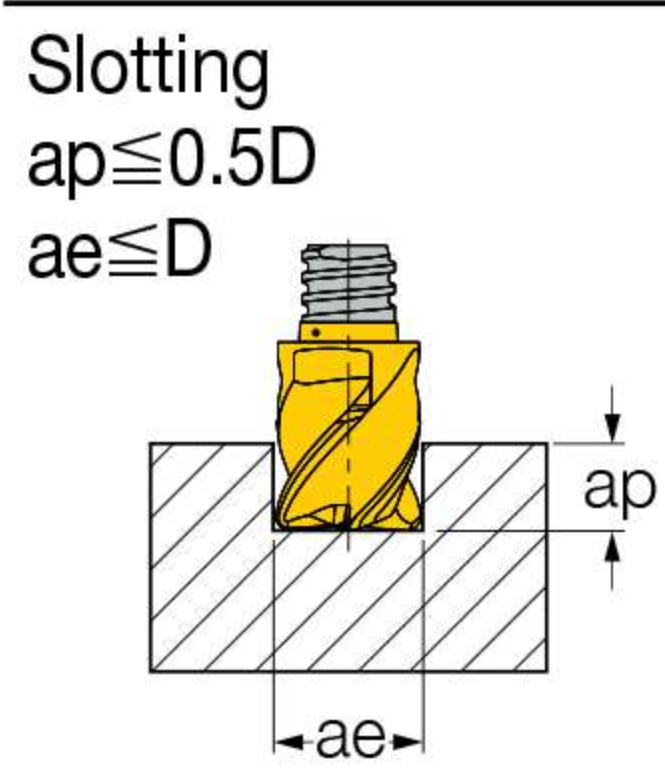
► Wrench should be ordered separately

Recommended Cutting Conditions



Machining data for MAXI-RUSH

fz for Square & Round heads (mm/tooth)



D (mm)	fz (mm/tooth)	D (mm)	fz (mm/tooth)
6	0.027-0.05	6	0.027-0.06
8	0.032-0.07	8	0.032-0.08
10	0.034-0.08	10	0.034-0.09
12	0.036-0.10	12	0.036-0.11
16	0.050-0.12	16	0.05 - 0.13
20	0.052-0.14	20	0.052-0.15
25	0.062-0.15	25	0.062-0.17

fz for Slotting heads (mm/tooth)

ISO	fz (mm/tooth)	fz (mm/tooth)
P	0.025-0.12	0.035-0.15
M	0.025-0.10	0.025-0.12
K	0.025-0.15	0.035-0.17

Thread Size	Key	Clamping Torque (N.m)
S04, S05	MX KEY-S05	7
S06	MX KEY-S06	10
S08	MX KEY-S08	15
S10	MX KEY-S10	28
S12	MX KEY-S12	28
S15	MX KEY-S15	40

Recommended Cutting Speed

ISO	Material No.	Hardness HB	Vc m/min
P	1	125	220-240
	2	190	170-200
	3-6	200	140-160
	7-8	300	110-130
	9-11	200	100-130
M	12-13	240	90-150
	14	180	70-100
K	15	180	70-240
	16	260	110-220
	17	170	130-250
	19	130	130-230
	20	230	100-200
N	21-24	90	600-700
S	33-35	350	10-20
	36-37	-	30-50
H	38	HRC55	30-40
	39	HRC60	25-30

High feed milling - MXFX Only

ISO	Material No.	Depth of cut (ap)	Width of cut (ae)	fz (mm/tooth) vs. Tool Diameter D(mm)					
				Ø8	Ø10	Ø12	Ø16	Ø20	Ø25
P	1	0.045xD	0.7xD	0.50	0.60	0.70	0.80	0.95	1.05
	2	0.045xD	0.7xD	0.50	0.60	0.70	0.80	0.95	1.05
	3	0.045xD	0.7xD	0.50	0.60	0.70	0.80	0.95	1.05
	4	0.045xD	0.7xD	0.50	0.60	0.70	0.80	0.95	1.05
	5	0.045xD	0.7xD	0.45	0.55	0.60	0.70	0.80	0.90
	6	0.045xD	0.7xD	0.35	0.45	0.50	0.60	0.70	0.80
	7	0.045xD	0.7xD	0.35	0.45	0.50	0.60	0.70	0.80
	8	0.045xD	0.7xD	0.35	0.40	0.45	0.55	0.65	0.75
	9	0.045xD	0.7xD	0.35	0.40	0.45	0.55	0.65	0.75
	10	0.04xD	0.6xD	0.30	0.35	0.40	0.50	0.6	0.70
	11	0.04xD	0.6xD	0.30	0.35	0.40	0.45	0.55	0.65
M	12-14	0.04xD	0.6xD	0.35	0.40	0.45	0.55	0.65	0.75
K	15-16	Apmax	0.7xD	0.50	0.55	0.65	0.75	0.85	0.95
	17-20	Apmax	0.7xD	0.40	0.50	0.55	0.65	0.75	0.85
H	38.1	0.035xD	0.45xD	0.25	0.30	0.35	0.45	0.50	0.60
	38.2	0.03xD	0.3xD	0.20	0.25	0.35	0.40	0.50	0.55
	39	0.02xD	0.25xD	0.15	0.20	0.20	0.25	0.25	0.30

CONTACT US



MEGA TECH METALWORK CO.,LTD (Headquarter)



Tel : 02-943-1591



Fax : 02-943-1592



Line ID : @mgt_metalwork



Email : sales.m@mgtg.co.th



Web : <https://www.mgtg.co.th/>



**17/4 Soi Ramintra 89
Ramintra Khannayao
Bangkok 10230**

