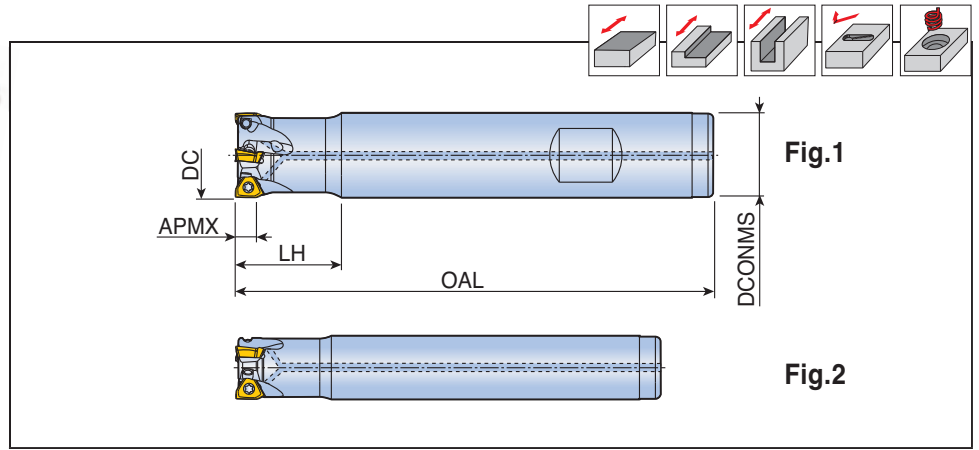
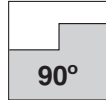


3P-TE90-04



End mills



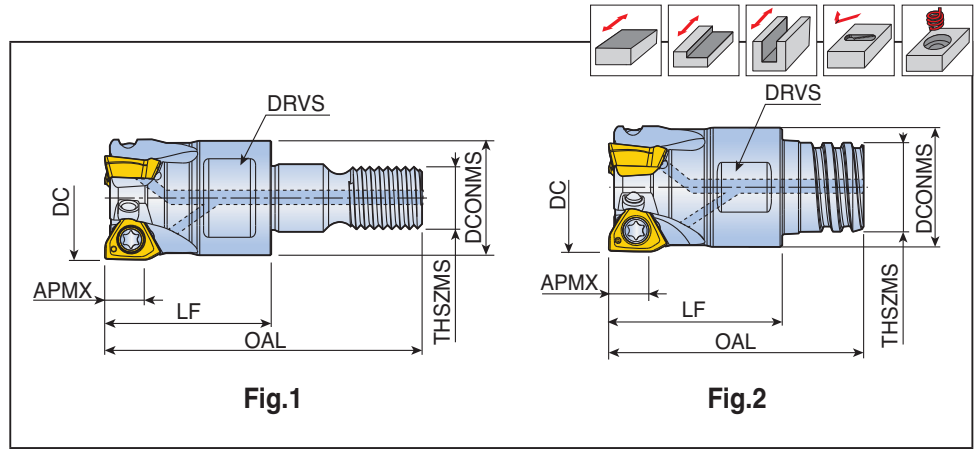
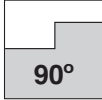
Designation	⊕	Dimension (mm)					Coolant hole	Fig.	Insert
		DC	DCONMS	OAL	LH	APMX			
3P-TE90-108-08-04	1	8	8	80	17	3.5	●	2	3PKT 0402...
210-10-04	2	10	10	80	17	3.5	●	2	E227
210-09-04-L	2	10	9	120	10	3.5	●	2	
211-10-04	2	11	10	80	11	3.5	●	2	
212-11-04-L	2	12	11	120	11	3.5	●	2	
212-12-04	2	12	12	80	18	3.5	●	2	
212-12-04-L	2	12	12	120	18	3.5	●	2	
312-12-04	3	12	12	80	18	3.5	●	2	
313-12-04	3	13	12	90	11	3.5	●	2	
314-12-04	3	14	12	90	12	3.5	●	2	
316-16-04	3	16	16	110	20	3.5	●	2	
416-W16-04	4	16	16	90	20	3.5	●	1	



3P-TE90-M(S)-04



Modular heads



Designation	⌀	Dimension (mm)							Coolant hole	Fig.	Insert
		DC	DCONMS	LF	OAL	THSZMS	APMX	DRVS			
3P-TE90-210-M06-04	2	10	9.7	17	31.5	M06	3.5	8	•	1	3PKT 0402... E227
312-M06-04	3	12	11	17	31.5	M06	3.5	8	•	1	
416-M08-04	4	16	13	23	40.5	M08	3.5	10	•	1	
3P-TE90-210-S06-04	2	10	9.6	15	21.3	S06	3.5	8	•	2	
312-S08-04	3	12	11.5	16	23.5	S08	3.5	10	•	2	
416-S10-04	4	16	15.2	20	31.3	S10	3.5	13	•	2	

• Matched with T-FLEXTEC holder & MAXI-RUSH holder

Spare parts

Designation	Screw	Wrench			
3P-TE90-04 (ø8)	TS 18033/HG-P	TD 6P			
3P-TE90-04 (ø10-)	TS 180411/HG	TD 6P			

Cutting Condition

E287-E289

Ramping Data

E308-E310

3P TE90-06



End mills

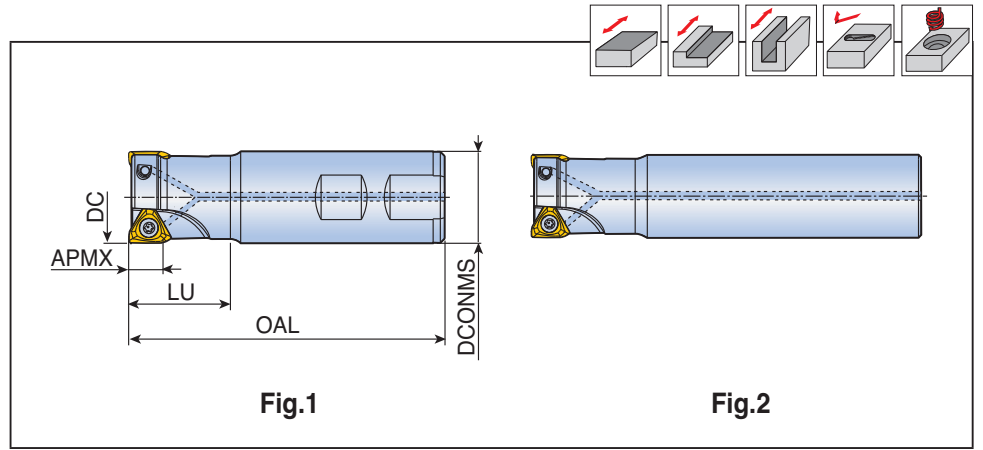
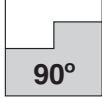
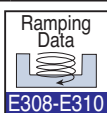


Fig.1

Fig.2

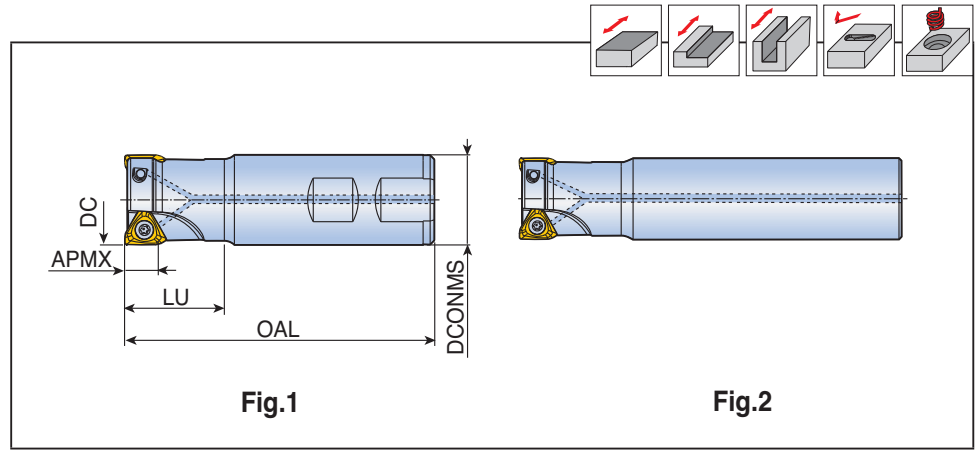
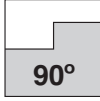
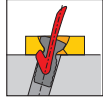
Designation	⌀	Dimension (mm)					Coolant hole	Fig.	Insert
		DC	DCONMS	OAL	LU	APMX			
3P TE90-112-12-06-L80	1	12	12	80	20	4.7	●	2	3PK(H)T 0603... E227
114-12-06-L80	1	14	12	80	20	4.7	●	2	
216-W16-06	2	16	16	90	25	4.7	●	1	
216-16-06-L110	2	16	16	110	25	4.7	●	2	
216-16-06-L150	2	16	16	150	25	4.7	●	2	
317-16-06-L110	3	17	16	110	25	4.7	●	2	
318-W16-06	3	18	16	90	25	4.7	●	1	
318-16-06-L150	3	18	16	150	25	4.7	●	2	
319-16-06-L150	3	19	16	150	25	4.7	●	2	
320-W20-06	3	20	20	105	25	4.7	●	1	
420-W20-06	4	20	20	105	25	4.7	●	1	
320-20-06-L160	3	20	20	160	25	4.7	●	2	
420-19-06-L160	4	20	19	160	25	4.7	●	2	
421-20-06-L160	4	21	20	160	25	4.7	●	2	
422-W20-06	4	22	20	110	25	4.7	●	1	
425-W20-06	4	25	20	115	25	4.7	●	1	
525-W20-06	5	25	20	115	25	4.7	●	1	
525-W25-06	5	25	25	115	25	4.7	●	1	
630-W25-06	6	30	25	130	30	4.7	●	1	
632-W25-06	6	32	25	130	30	4.7	●	1	
732-W25-06	7	32	25	130	30	4.7	●	1	
840-W32-06	8	40	32	130	30	4.7	●	1	



3P TE90-10



End mills



Designation		Dimension (mm)					Coolant hole	Fig.	Insert
		DC	DCONMS	OAL	LU	APMX			
3P TE90-116-W16-10	1	16	16	90	20	7.0	●	1	3PK(H)T 1004... E227
220-W20-10	2	20	20	90	25	7.0	●	1	
220-19-10-L170	2	20	19	170	30	7.0	x	2	
220-20-10-L170	2	20	20	170	40	7.0	x	2	
221-20-10-L200	2	21	20	200	30	7.0	x	2	
222-W20-10	2	22	20	100	25	7.0	●	1	
225-25-10-L210	2	25	25	210	40	7.0	x	2	
325-W20-10	3	25	20	100	30	7.0	●	1	
325-W25-10	3	25	25	100	30	7.0	●	1	
325-24-10-L210	3	25	24	210	35	7.0	x	2	
325-25-10-L210	3	25	25	210	40	7.0	x	2	
226-25-10-L250	2	26	25	250	30	7.0	x	2	
330-W25-10	3	30	25	110	35	7.0	●	1	
232-W25-10	2	32	25	110	35	7.0	●	1	
332-W25-10	3	32	25	110	35	7.0	●	1	
332-32-10-L250	3	32	32	250	60	7.0	x	2	
432-W32-10	4	32	32	110	40	7.0	●	1	
532-W32-10	5	32	32	110	40	7.0	●	1	
333-32-10-L250	3	33	32	250	35	7.0	x	2	
440-32-10-L200	4	40	32	200	40	7.0	x	2	
540-W32-10	5	40	32	115	40	7.0	●	1	
640-W32-10	6	40	32	115	40	7.0	●	1	

Cutting Condition

E287-E289

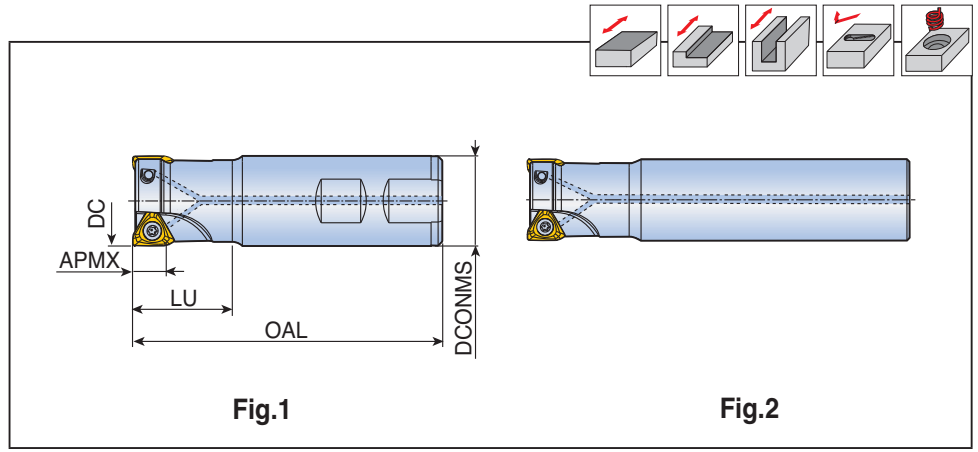
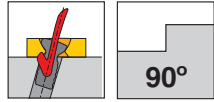
Ramping Data

E308-E310

3P TE90-15/19



End mills



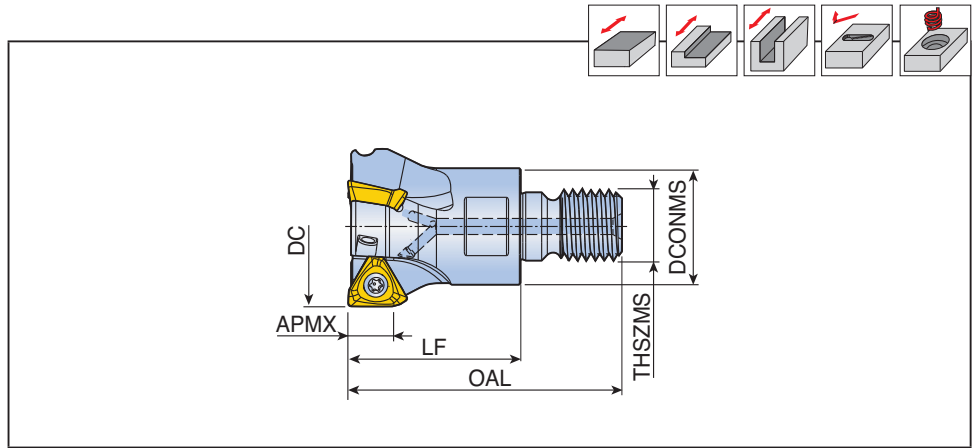
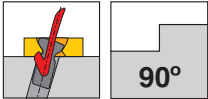
Designation	✳	Dimension (mm)					Coolant hole	Fig.	Insert
		DC	DCONMS	OAL	LU	APMX			
3P TE90-232-W32-15	2	32	32	110	40	11.0	●	1	3PK(H)T 1505... E227-E228
232-32-15-L250	2	32	32	250	60	11.0	x	2	
332-W25-15	3	32	25	100	40	11.0	●	1	
332-W25-15-L155	3	32	25	155	35	11.0	x	2	
332-W32-15	3	32	32	110	40	11.0	●	1	
332-32-15-L150	3	32	32	150	40	11.0	x	2	
332-32-15-L250	3	32	32	250	60	11.0	x	2	
233-32-15-L200	2	33	32	200	40	11.0	x	2	
233-32-15-L250	2	33	32	250	40	11.0	x	2	
335-W32-15	3	35	32	110	40	11.0	●	1	
340-W32-15	3	40	32	110	40	11.0	●	1	
340-32-15-L200	3	40	32	200	40	11.0	x	2	
440-W32-15	4	40	32	110	40	11.0	●	1	
3P TE90-240-32-19-L250	2	40	32	250	45	15.0	x	2	
340-W32-19	3	40	32	115	45	15.0	●	1	
340-32-19-L200	3	40	32	200	45	15.0	x	2	
450-W32-19	4	50	32	115	45	15.0	●	1	



3P TE90-M-06/10/15/19



Modular heads



Designation		Dimension (mm)						Coolant hole	Insert
		DC	DCONMS	LF	OAL	THSZMS	APMX		
3P TE90-216-M08-06	2	16	13	23	40.5	M08	4.7	●	3PK(H)T 0603...
320-M10-06	3	20	18	35	55	M10	4.7	●	E227
420-M10-06	4	20	18	35	55	M10	4.7	●	
425-M12-06	4	25	21	35	57	M12	4.7	●	
525-M12-06	5	25	21	35	57	M12	4.7	●	
632-M16-06	6	32	29	43	68	M16	4.7	●	
732-M16-06	7	32	29	43	68	M16	4.7	●	
735-M16-06	7	35	29	43	68	M16	4.7	●	
3P TE90-220-M10-10	2	20	18	35	55	M10	7.0	●	3PK(H)T 1004...
325-M12-10	3	25	21	35	57	M12	7.0	●	E227
326-M12-10	3	26	21	35	57	M12	7.0	●	
432-M16-10	4	32	29	43	68	M16	7.0	●	
532-M16-10	5	32	29	43	68	M16	7.0	●	
535-M16-10	5	35	29	43	68	M16	7.0	●	
540-M16-10	5	40	29	43	68	M16	7.0	●	
640-M16-10	6	40	29	43	68	M16	7.0	●	
642-M16-10	6	42	29	43	68	M16	7.0	●	
3P TE90-232-M16-15	2	32	29	43	68	M16	11.0	●	3PK(H)T 1505...
332-M16-15	3	32	29	43	68	M16	11.0	●	E227-E228
340-M16-15	3	40	29	43	68	M16	11.0	●	
440-M16-15	4	40	29	43	68	M16	11.0	●	
3P TE90-340-M16-19	3	40	29	43	68	M16	15.0	●	3PK(H)T 1906...
									E227-E228

• Matched with T-FLEXTEC holder

Spare parts

Designation	Screw	Wrench			
3P TE90-06	TS 20043I/HG-P	TD 6P	-		
3P TE90-10	TS 25C065I/HG	TD 8	-		
3P TE90-15	TS 40B100I	TD 15	-		
3P TE90-19	TS 45120I	-	T-T20		

