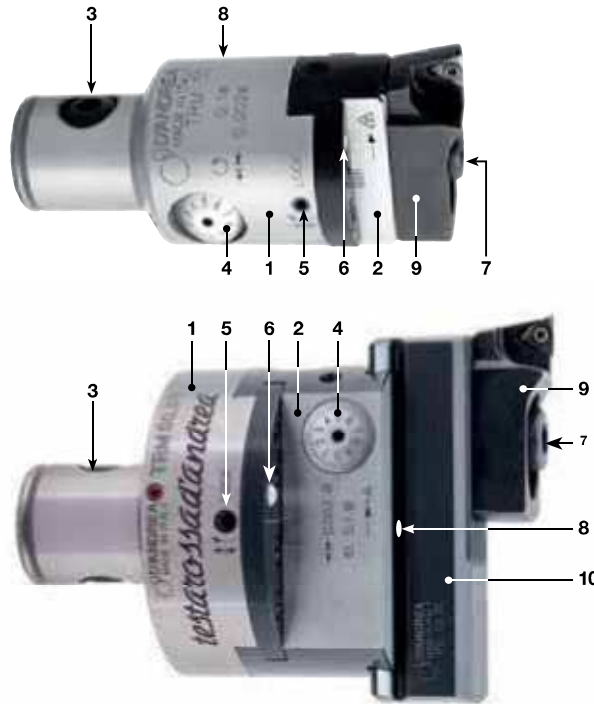


## TRM 16 ~ 125 Ø 2.5 ~ 500

TRM 16	RPM 12.000
TRM 20	RPM 12.000
TRM 25	RPM 10.000
TRM 32	RPM 10.000
TRM 40	RPM 8.000
TRM 50	RPM 8.000
TRM 63	RPM 6.000
TRM 80	RPM 5.000
TRM 125	RPM 4.000

TRM heads allow high precision machining and excellent surface finish in the IT6 tolerance class. The adjustment sensitivity of 1 micron on the radius is easily readable on the vernier scale and can also be performed in the machine spindle.

## TESTAROSSA MICROMETRIC



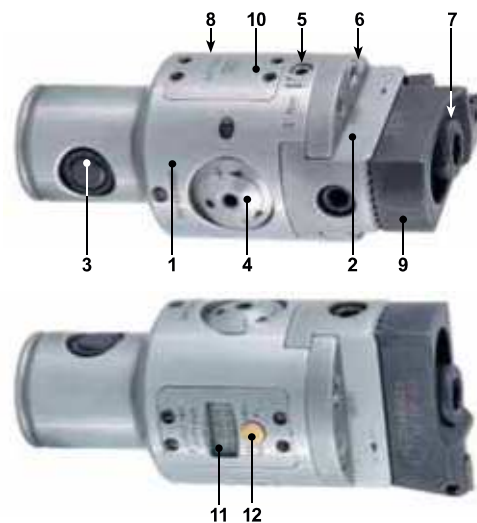
1. Body
2. Slide toolholder
3. Expanding radial pin
4. Micrometric vernier scale
5. Slide clamp screw
6. Coolant outlet
7. Tools clamp screws
8. Oiler
9. Bit holder
10. Tool holder

## TRE 50 IP69K Ø 2.5 ~ 110

TRE 50 69K RPM 20.000

TRE heads allow high precision machining and excellent surface finish in the IT6 tolerance class. The adjustment of 1 micron on the radius is fast, accurate and easily readable on the integrated display. The TRE 50 is resistant to coolant & dust infiltrations according to the IP69K class..

## TESTAROSSA MICROMETRIC DIGITAL



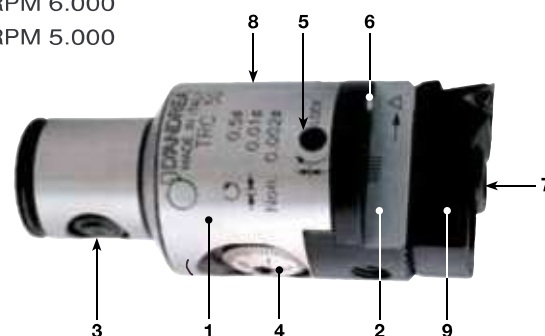
1. Body
2. Slide toolholder
3. Expanding radial pin
4. Set screw
5. Slide clamp screw
6. Coolant outlet
7. Tools clamp screws
8. Oiler
9. Bit holder
10. Battery compartment cover
11. Digital display
12. Selection button

## TRC 16 ~ 80 Ø 18 ~ 132

TRC 16	RPM 12.000	TRC 40	RPM 8.000
TRC 20	RPM 12.000	TRC 50	RPM 8.000
TRC 25	RPM 10.000	TRC 63	RPM 6.000
TRC 32	RPM 10.000	TRC 80	RPM 5.000

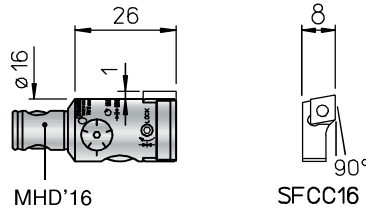
TRC heads allow high precision machining and excellent surface finishes in the IT7 tolerance class. The adjustment of 5 micron on the radius is easily readable on the vernier scale and can also be performed in the machine spindle.

## TESTAROSSA CENTESIMAL

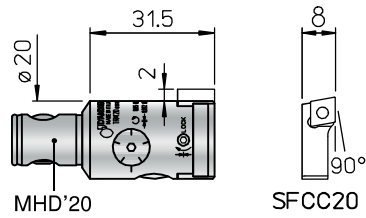


1. Body
2. Slide toolholder
3. Expanding radial pin
4. Vernier scale
5. Slide clamp screw
6. Coolant outlet
7. Tools clamp screws
8. Oiler
9. Bit holder

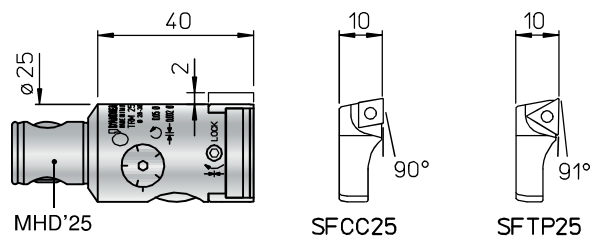
TRM 16  $\varnothing$  18 ~ 23



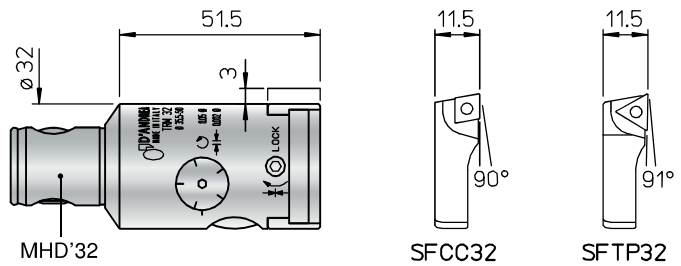
TRM 20  $\varnothing$  22 ~ 29



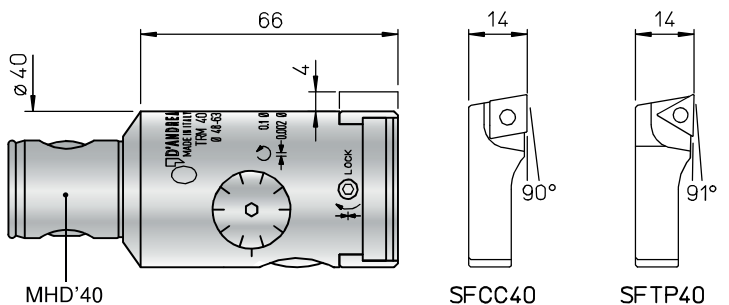
TRM 25  $\varnothing$  28 ~ 38



TRM 32  $\varnothing$  35.5 ~ 51.5



TRM 40  $\varnothing$  48 ~ 63



REF.	CODE	kg
TRM 16	455001600341	0.05
TRM 20	455002000401	0.1
TRM 25	455002500500	0.2
TRM 32	455003200630	0.35
TRM 40	455004000800	0.7

REF.	CODE		TORX T	kg
SFCC 16	470500516002	CCGT 0602..	TS 25 08	0.003
SFCC 20	470500520002	CCGT 0602..	TS 25 08	0.005
SFCC 25	470500525002	CCGT 0602..	TS 25 08	0.01
SFCC 32	470500532002	CCGT 0602..	TS 25 08	0.02
SFCC 40	470500540002	CCGT 09T3..	TS 4 15	0.04
SFTP 25	470500525001	TPGX 0902..	CS 250T 08	0.01
SFTP 32	470500532001	TPGX 0902..	CS 250T 08	0.02
SFTP 40	470500540001	TPGX 1103..	CS 300890T 08	0.04

• For back-facing machining see p.26

TRM 50  $\varnothing 2.5 \sim 140$

TRE 50 IP69K  $\varnothing 2.5 \sim 142$



**2  $\mu\text{m}$**

**TRM 50**  
 $\varnothing 2.5 \sim 140$

**TRE 50 IP69K**  
 $\varnothing 2.5 \sim 142$

REF.	CODE	kg
TRM 50	455005000500	1
TRE 50 IP69K	455200500501	1.1
D08.16	200560116082	0.02
P25.63	435116250631	0.5
P25.105	435116251051	0.8
PS 31.24	433024140751	0.19
PS 32.24	433024141001	0.2
CW 32	392011003201	0.07

**Tools**      **Vibration-damping**      **Carbide**

RDC D08.16      B1.02  $\varnothing 2.5 \sim 4$       B1.04  $\varnothing 4 \sim 6$

B3.06      B5.06      B8.06       $\varnothing 6 \sim 8$

B3.08      B5.08      B8.08       $\varnothing 8 \sim 10$

B3.10      B3.11      B5.10      B8.10       $\varnothing 10 \sim 13$

B3.12      B5.12      B8.12       $\varnothing 12 \sim 14$

B3.14      B5.14      B8.14       $\varnothing 14 \sim 16$

B3.16      B5.16      B8.16       $\varnothing 16 \sim 18$

B3.18       $\varnothing 18 \sim 22$

B3.22       $\varnothing 22 \sim 30$

P 25.63      P 25.105      SFTP25      SFCC25      SFTP32      SFCC32

$\varnothing 28 \sim 42$        $\varnothing 36 \sim 54$

$\varnothing 54 \sim 84$        $\varnothing 80 \sim 108$        $\varnothing 105 \sim 140$

BM10      SFTP50      SFCC50      SFTP51      SFCC51      PS31.24      PS32.24      CW32

## KIT K01 TRM 50 Ø 6 ~ 140



- 1 TRM 50
- 1 B3.06
- 1 B3.08
- 1 B3.11
- 1 B3.16
- 1 B3.22
- 1 SFTP 25
- 1 SFTP 32
- 1 SFTP 50
- 1 P 25.63
- 1 PS 31.24
- 1 PS 32.24
- 1 CW 32
- 5 TPGX 090202L DC100
- 1 TPGX 110302L DC100
- 2 WCGT 020102L DC10

## KIT K01 TRE 50 IP69K Ø 6 ~ 142



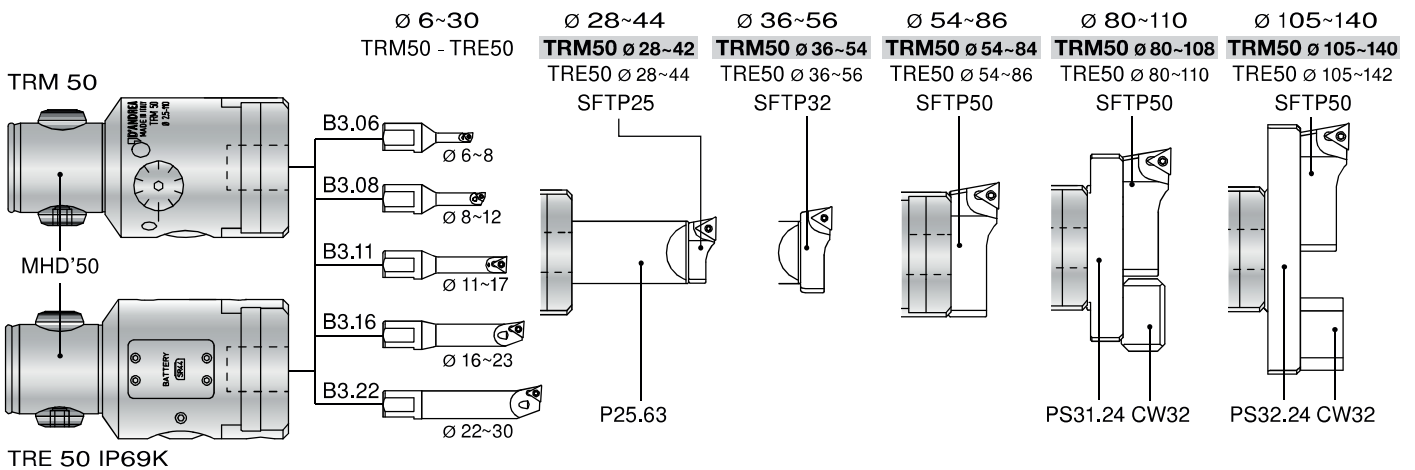
- 1 TRE 50
- 1 B3.06
- 1 B3.08
- 1 B3.11
- 1 B3.16
- 1 B3.22
- 1 SFTP 25
- 1 SFTP 32
- 1 SFTP 50
- 1 P 25.63
- 1 PS 31.24
- 1 PS 32.24
- 1 CW 32
- 5 TPGX 090202L DC100
- 1 TPGX 110302L DC100
- 2 WCGT 020102L DC10

REF.	CODE	kg
KIT K01 TRM 50	655005010510	3.1

REF.	CODE	kg
KIT K01 TRE 50 IP69K	655200500504	3.1

### KIT K01 TRM 50 - TRE 50 IP69K

#### Working Range



REF.	CODE	TORX T	kg
B1.02	572010502001		0.02
B1.04	572010504001		0.02
B3.06	572010506001	WCGT0201.. TS 21 06	0.035
B3.08	572010508001	WCGT0201.. TS 211 06	0.4
B3.10	572010510001	TPGX0902.. CS 250 T 08	0.05
B3.11	572010511001	TPGX0902.. CS 250 T 08	0.055
B3.12	572010512001	TPGX0902.. CS 250 T 08	0.06
B3.14	572010514001	TPGX0902.. CS 250 T 08	0.07
B3.16	572010516001	TPGX0902.. CS 250 T 08	0.07
B3.18	572010518001	TPGX0902.. CS 250 T 08	0.1
B3.22	572010522001	TPGX0902.. CS 250 T 08	0.1

REF.	CODE	TORX T	kg
B5.06	572010506105	WCGT0201.. TS 21 06	0.075
B5.08	572010508105	WCGT0201.. TS 211 06	0.09
B5.10	572010510105	TPGX0902.. CS 250 T 08	0.1
B5.12	572010512105	TPGX0902.. CS 250 T 08	0.1
B5.14	572010514105	TPGX0902.. CS 250 T 08	0.2
B5.16	572010516105	TPGX0902.. CS 250 T 08	0.3
B8.06	572010506108	WCGT0201.. TS 21 06	0.065
B8.08	572010508108	WCGT0201.. TS 211 06	0.08
B8.10	572010510108	TPGX0902.. CS 250 T 08	0.1
B8.12	572010512108	TPGX0902.. CS 250 T 08	0.2
B8.14	572010514108	TPGX0902.. CS 250 T 08	0.2
B8.16	572010516108	TPGX0902.. CS 250 T 08	0.3

REF.	CODE	TORX T	kg
SFTP25	470500525001	TPGX0902.. CS 250T 08	0.01
SFTP32	470500532001	TPGX0902.. CS 250T 08	0.02
SFTP50	470500550001	TPGX1103.. CS300890T 08	0.08
SFTP51	470500550003	TCMT16T3.. TS 4 15	0.09

REF.	CODE	TORX T	kg
SFCC25	470500525002	CCGT0602.. TS 25 08	0.01
SFCC32	470500532002	CCGT0602.. TS 25 08	0.02
SFCC50	470500550002	CCGT09T3.. TS 4 15	0.08
SFCC51	470500550004	CCMT1204.. TS 5 25	0.09

• For back-facing machining see p.24



**KIT K01 TRM 50/63 - 63/63**  
 Ø 6 ~ 125



- 1 TRM 50/63 - 63/63
- 1 P20.30
- 1 PS11.30
- 1 PS12.30
- 1 P02.30
- 1 P03.30
- 1 B3.06
- 1 B3.08
- 1 B3.11
- 1 B3.16
- 1 B3.22
- 1 SFTP25
- 1 SFTP32
- 1 SFTP50
- 5 TPGX 090202L DC100
- 1 TPGX 110302L DC100
- 2 WCGT 020102L DC 10

REF.	CODE	kg		
KIT K01 TRM50/63	655005010633	3.9		
KIT K01 TRM63/63	655006310633	4.2		

**KIT K01 TRM 50/80 - 80/80**  
 Ø 6 ~ 220

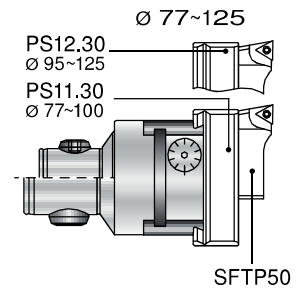
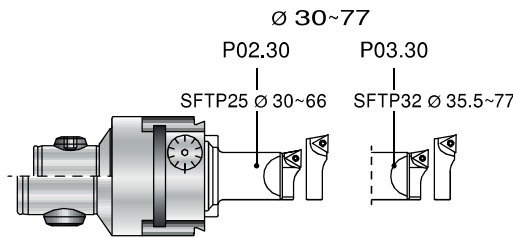
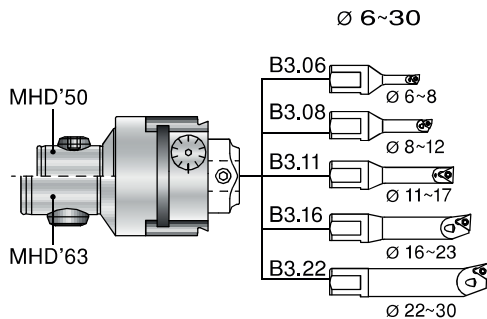


- 1 TRM 50/80 - 80/80
- 1 P20.30
- 1 PS12.30
- 1 PS13.30
- 1 P02.30
- 1 P03.30
- 1 P04.30
- 1 B3.06
- 1 B3.08
- 1 B3.11
- 1 B3.16
- 1 B3.22
- 1 SFTP25
- 1 SFTP32
- 1 SFTP50
- 5 TPGX 090202L DC100
- 1 TPGX 110302L DC100
- 2 WCGT 020102L DC 10

REF.	CODE	kg		
KIT K01 TRM50/80	655005010802	6.2		
KIT K01 TRM80/80	655008010802	6.6		

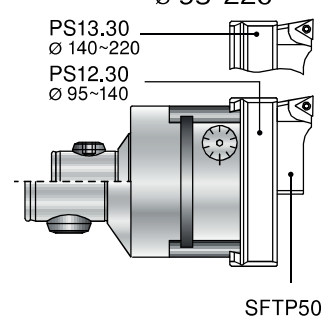
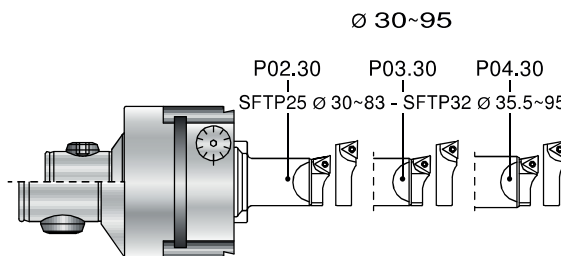
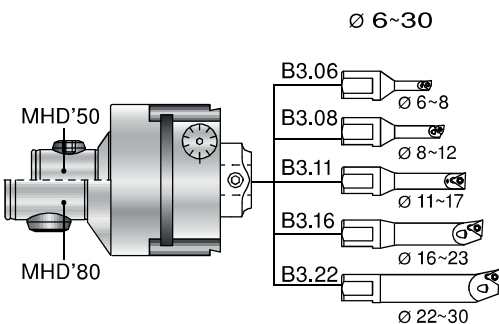
**KIT K01 TRM 50/63 - 63/63**

**Working Range**



**KIT K01 TRM 50/80 - 80/80**

**Working Range**



REF.	CODE		TORX T	kg
B1.02	572010502001			0.02
B1.04	572010504001			0.02
B3.06	572010506001	WCGT0201..	TS 21 06	0.035
B3.08	572010508001	WCGT0201..	TS 211 06	0.4
B3.10	572010510001	TPGX0902..	CS 250 T 08	0.05
B3.11	572010511001	TPGX0902..	CS 250 T 08	0.055
B3.12	572010512001	TPGX0902..	CS 250 T 08	0.06
B3.14	572010514001	TPGX0902..	CS 250 T 08	0.07
B3.16	572010516001	TPGX0902..	CS 250 T 08	0.07
B3.18	572010518001	TPGX0902..	CS 250 T 08	0.1
B3.22	572010522001	TPGX0902..	CS 250 T 08	0.1

REF.	CODE		TORX T	kg
B5.06	572010506105	WCGT0201..	TS 21 06	0.075
B5.08	572010508105	WCGT0201..	TS 211 06	0.09
B5.10	572010510105	TPGX0902..	CS 250 T 08	0.1
B5.12	572010512105	TPGX0902..	CS 250 T 08	0.1
B5.14	572010514105	TPGX0902..	CS 250 T 08	0.2
B5.16	572010516105	TPGX0902..	CS 250 T 08	0.3
B8.06	572010506108	WCGT0201..	TS 21 06	0.065
B8.08	572010508108	WCGT0201..	TS 211 06	0.08
B8.10	572010510108	TPGX0902..	CS 250 T 08	0.1
B8.12	572010512108	TPGX0902..	CS 250 T 08	0.2
B8.14	572010514108	TPGX0902..	CS 250 T 08	0.2
B8.16	572010516108	TPGX0902..	CS 250 T 08	0.3

REF.	CODE		TORX T	kg
SFTP25	470500525001	TPGX0902..	CS 250T 08	0.01
SFTP32	470500532001	TPGX0902..	CS 250T 08	0.02
SFTP50	470500550001	TPGX1103..	CS300890T 08	0.08
SFTP51	470500550003	TCMT16T3..	TS 4 15	0.09

REF.	CODE		TORX T	kg
SFCC25	470500525002	CCGT0602..	TS 25 08	0.01
SFCC32	470500532002	CCGT0602..	TS 25 08	0.02
SFCC50	470500550002	CCGT09T3..	TS 4 15	0.08
SFCC51	470500550004	CCMT1204..	TS 5 25	0.09

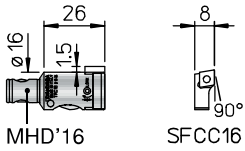
• For back-facing machining see p.24



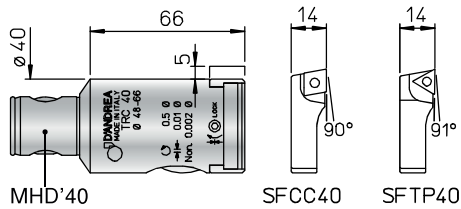
### TRC 16 ~ 80 $\varnothing$ 18 ~ 132



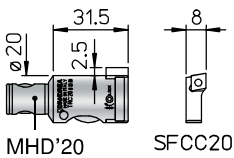
#### TRC 16 $\varnothing$ 18 ~ 24



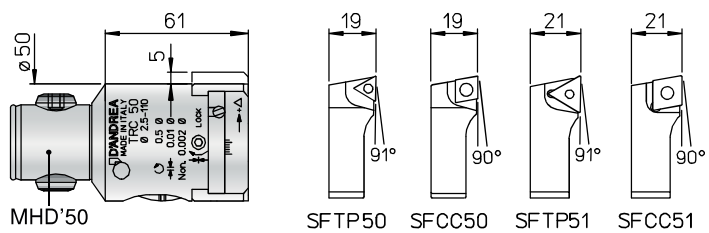
#### TRC 40 $\varnothing$ 48 ~ 66



#### TRC 20 $\varnothing$ 22 ~ 30

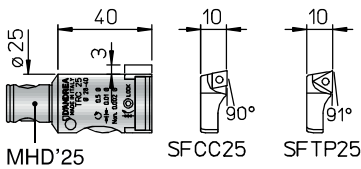


#### TRC 50 $\varnothing$ 54 ~ 86

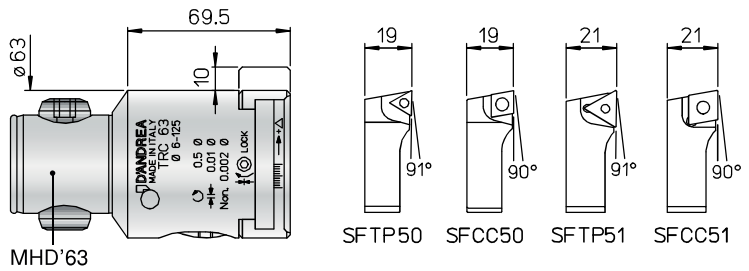


THE TRC50 USES ALL THE TOOLS SUPPLIED WITH TRM50 (p.18-19)

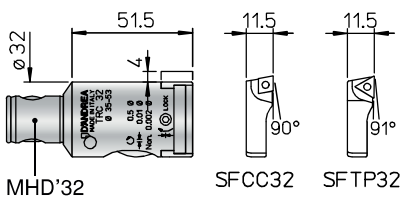
#### TRC 25 $\varnothing$ 28 ~ 40



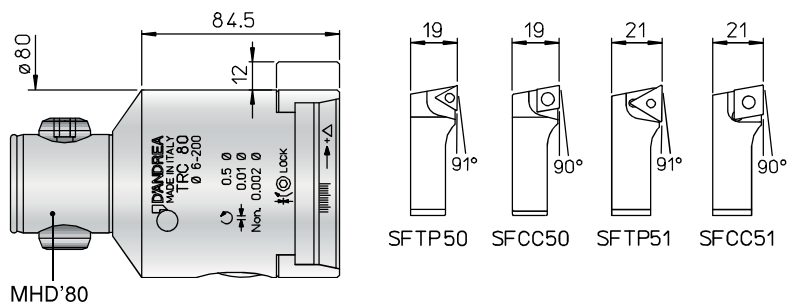
#### TRC 63 $\varnothing$ 72 ~ 110



#### TRC 32 $\varnothing$ 35.5 ~ 53.5



#### TRC 80 $\varnothing$ 88 ~ 132



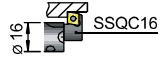
REF.	CODE	kg	
TRC 16	455011600341	0.05	
TRC 20	455012000401	0.1	
TRC 25	455012500501	0.2	
TRC 32	455013200631	0.35	
TRC 40	455014000801	0.7	
TRC 50	455015000801	1	
TRC 63	455016301001	2	
TRC 80	455018001201	3.8	

REF.	CODE		TORX T	kg
SFCC16	470500516002	CCGT 0602..	TS 25	08 0.003
SFCC20	470500520002	CCGT 0602..	TS 25	08 0.005
SFCC25	470500525002	CCGT 0602..	TS 25	08 0.01
SFCC32	470500532002	CCGT 0602..	TS 25	08 0.02
SFCC40	470500540002	CCGT 09T3..	TS 4	15 0.04
SFCC50	470500550002	CCGT 09T3..	TS 4	15 0.08
SFCC51	470500550004	CCMT 1204..	TS 5	25 0.09
SFTP25	470500525001	TPGX 0902..	CS 250T	08 0.01
SFTP32	470500532001	TPGX 0902..	CS 250T	08 0.02
SFTP40	470500540001	TPGX 1103..	CS300890T	08 0.04
SFTP50	470500550001	TPGX 1103..	CS300890T	08 0.08
SFTP51	470500550003	TCMT 16T3..	TS 4	15 0.09


• For back-facing machining see p.24

## MHD' TS / PSC TS

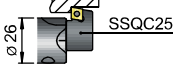
TS 16/16  
Ø 20~24



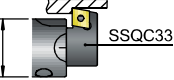
TS 20/20  
Ø 23.5~30



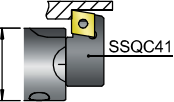
TS 25/25  
Ø 29.5~40



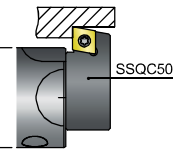
TS 32/32  
Ø 39~52



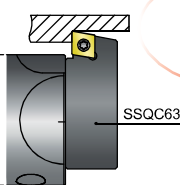
TS 40/40  
Ø 51~70



TS 50/50  
Ø 69~92

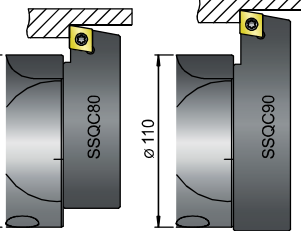


TS 50/63  
TS 63/63  
Ø 91~122

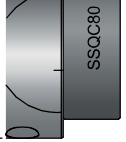


BHT  
250 Ø 273~414  
500 Ø 523~664  
750 Ø 773~914

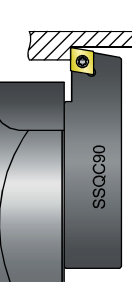
TS 80/80  
SSQC80  
Ø 121~162



SSQC90  
Ø 161~202




TS 80/90  
SSQC90  
Ø 161~252




## TRM - TRC


TRM 16 Ø 20~25  
TRC 16 Ø 20~26



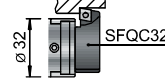
TRM 20 Ø 24.5~32  
TRC 20 Ø 24.5~33



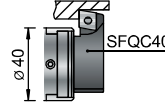
TRM 25 Ø 31.5~40.5  
TRC 25 Ø 31.5~42.5



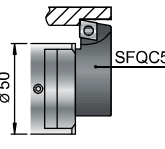
TRM 32 Ø 38.5~51.5  
TRC 32 Ø 38.5~53.5



TRM 40 Ø 50.5~65  
TRC 40 Ø 50.5~67



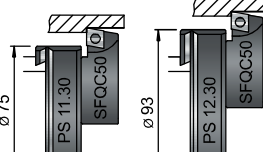
TRM 50 Ø 56~111  
TRC 50 Ø 56~113.5



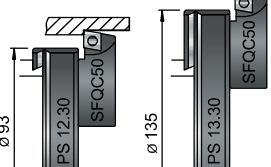
## TRM

BHT  
250 Ø 253~505  
500 Ø 503~755  
750 Ø 753~1005

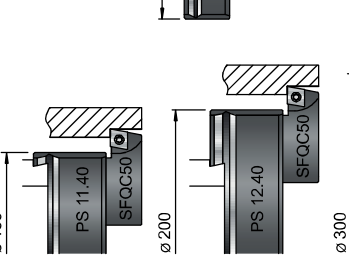
TRM 50/63  
TRM 63/63  
PS 11.30  
Ø 82~102  
PS 12.30  
Ø 100~127



TRM 50/80  
TRM 80/80  
PS 12.30  
Ø 100~142  
PS 13.30  
Ø 142~162

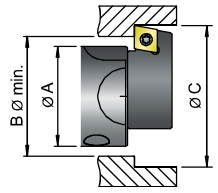


TRM 80/125  
PS 11.40  
Ø 140~212  
PS 12.40  
Ø 210~312  
PS 13.40  
Ø 310~412  
PS 14.40  
Ø 410~502

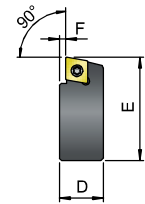


## CALCULATION FORMULA FOR MINIMUM ENTERING Ø

$$B \text{ } \varnothing \text{ min} = (\varnothing C + \varnothing A + 1) : 2$$

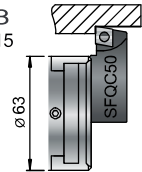


## CARTRIDGE DIMENSIONS

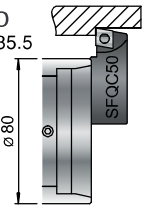


## TRC

TRC 63  
Ø 72.5~115



TRC 80  
Ø 88.5~135.5



REF.	CODE	D	E	F	CCMT	TS	TORX	T
SSQC 16	470500516261	10	16	2	0602..	25	08	
SSQC 20	470500520261	11	19.5	1.5	0602..	25	08	
SSQC 25	470500525261	14.5	24	2.5	0602..	25	08	
SSQC 33	470500533261	17	32	3	09T3..	4	15	
SSQC 41	470500541261	21	42	3.5	1204..	5	25	
SSQC 50	470500550261	24.5	57	3.5	1204..	5	25	
SSQC 63	470500563261	28.5	76	3.5	1204..	5	25	
SSQC 80	470500580261	31.5	101	3.5	1204..	5	25	
SSQC 90	470500590261	31.5	122	3.5	1204..	5	25	

REF.	CODE	D	E	F	CCMT	TS	TORX	T
SFQC 16	470500516062	10	18	2	0602..	25	08	
SFQC 20	470500520062	10.5	22.5	2	0602..	25	08	
SFQC 25	470500525062	12	28.5	2.5	0602..	25	08	
SFQC 32	470500532062	13.5	35.5	2.5	0602..	25	08	
SFQC 40	470500540062	16.5	46	3	09T3..	4	15	
SFQC 50	470500550062	20.5	53	3	09T3..	4	15	