

TRM MICROMETRIC FINE BORING HEADS

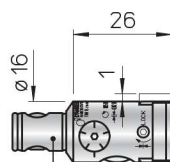
TESTE MICROMETRICHE DI FINITURA

1 μm

TRM 16

$\varnothing 18 \sim 23$

RPM 12.000



MHD'16

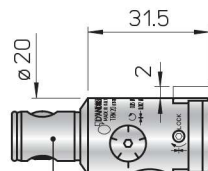


SFCC16

TRM 20

$\varnothing 22 \sim 29$

RPM 12.000



MHD'20

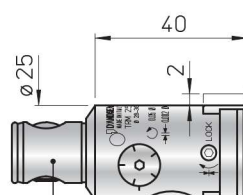


SFCC20

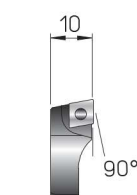
TRM 25

$\varnothing 28 \sim 38$

RPM 10.000



MHD'25



SFCC25

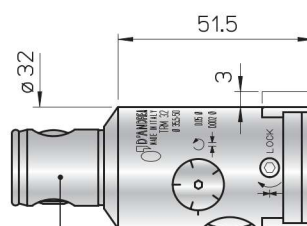


SFTP25

TRM 32

$\varnothing 35.5 \sim 51.5$

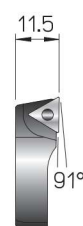
RPM 10.000



MHD'32



SFCC32

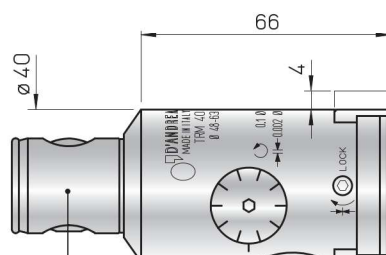


SFTP32

TRM 40

$\varnothing 48 \sim 63$

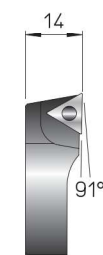
RPM 10.000



MHD'40



SFCC40



SFTP40

TRM 50

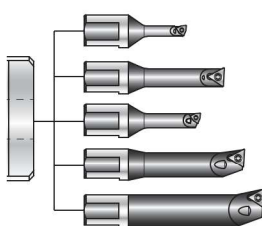
$\varnothing 2.5 \sim 140$

RPM 8.000

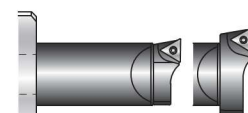
TRE 50 IP69K

$\varnothing 2.5 \sim 140$

RPM 20.000



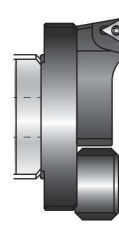
$\varnothing 2.5 \sim 30$



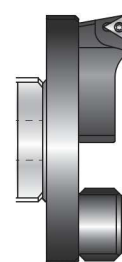
$\varnothing 28 \sim 56$



$\varnothing 54 \sim 86$



$\varnothing 80 \sim 110$



$\varnothing 110 \sim 140$

TRE 50

TRM MICROMETRIC FINE BORING HEADS

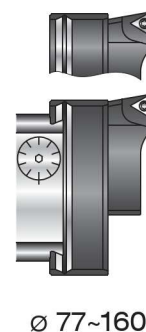
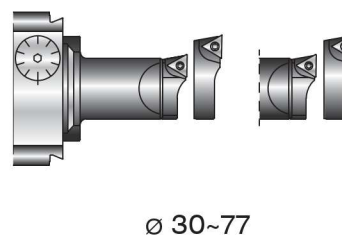
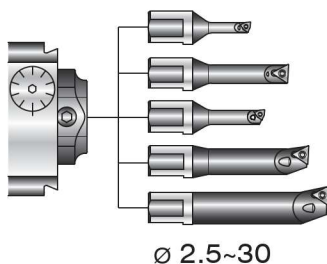
TESTE MICROMETRICHE DI FINITURA

1 μ m

TRM 50/63 - TRM 63/63

Ø 2.5 ~ 155

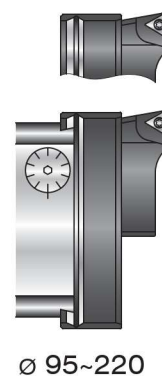
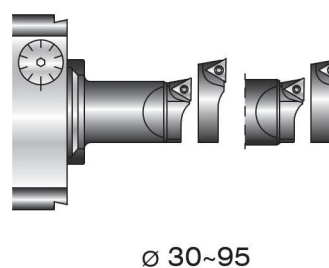
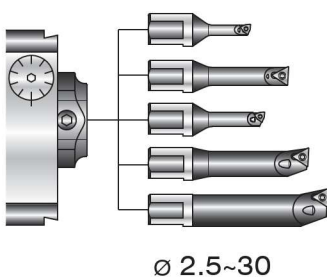
RPM 6.000



TRM 50/80 - TRM 80/80

Ø 2.5 ~ 220

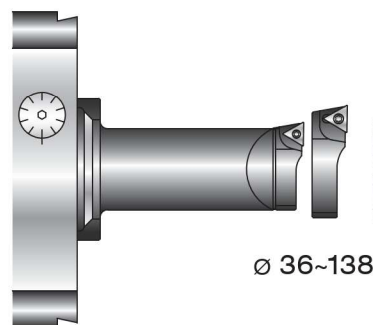
RPM 5.000



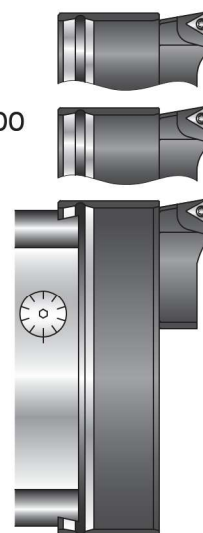
TRM 80/125

Ø 36 ~ 500

RPM 4.000



Ø 135~500



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

REF.	CODE	kg
TRM 40	455004000800	0.7
TRM 50	455005000500	1
TRE 50	455200500501	1.1
TRM 50/63	455005000631	1.1

REF.	CODE	kg
TRM 63/63	455006300631	1.5
TRM 50/80	455005000801	2
TRM 80/80	455008000801	2.5
TRM 80/125	455008001251	5.5

Kits & Accessories see p.22-29 - Kit & Accessori vedere p.22-29

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

REF.	CODE		TORX T	kg
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.33

• Per lavorazioni sottosquadra vedere p.33



SFQC

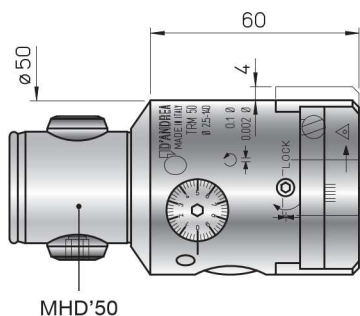
TRM 50 Ø 2.5 ~ 140

TRE 50 IP69K Ø 2.5 ~ 140

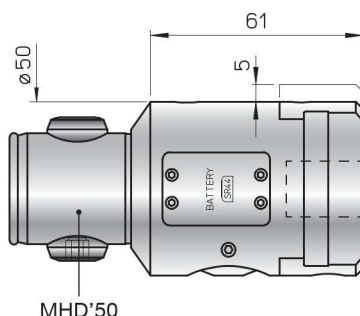


1 μ m

TRM 50 Ø 2.5 ~ 140



TRE 50 Ø 2.5 ~ 140

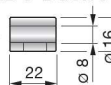


Tools
Utensili

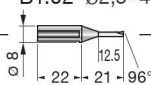
Vibration-damping
Antivibranti

Carbide
Metallo duro

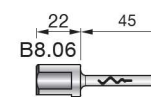
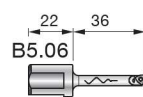
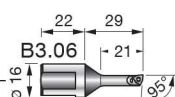
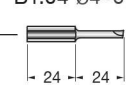
RDC D08.16



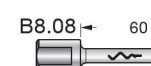
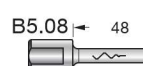
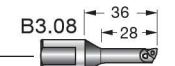
B1.02 Ø2,5-4



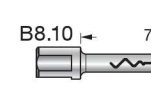
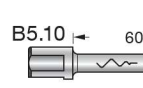
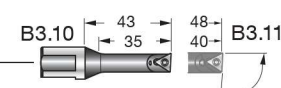
B1.04 Ø4-6



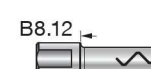
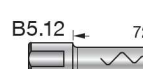
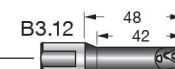
Ø6-8



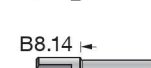
Ø8-10



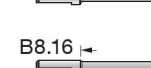
Ø10-13



Ø12-14



Ø14-16



Ø16-18



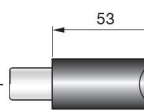
Ø18-22



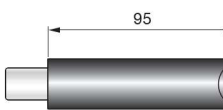
Ø22-30

Ø 28-42

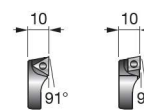
Ø 36-54



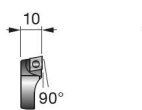
P 25.63



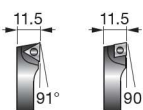
P 25.105



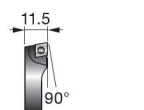
SFTP25



SFCC25



SFTP32

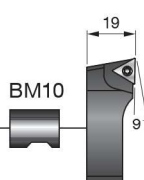


SFCC32

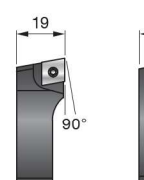
Ø 54-84

Ø 80-108

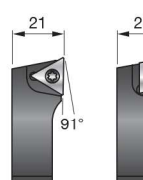
Ø 105-140



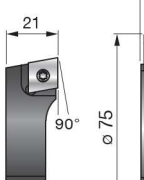
SFTP50



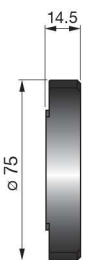
SFCC50



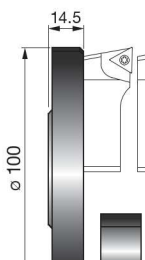
SFTP51



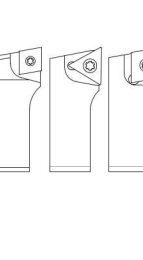
SFCC51



PS31.24



PS32.24



CW32

KIT K01 TRM 50 - KIT K01 TRE 50 IP69K

Ø 6 ~ 140



TRM 50

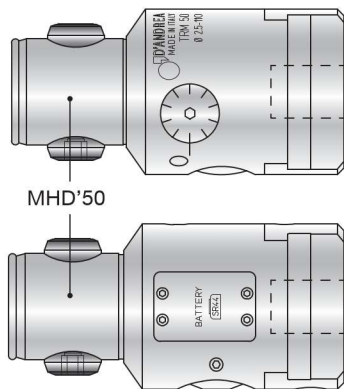


TRE 50

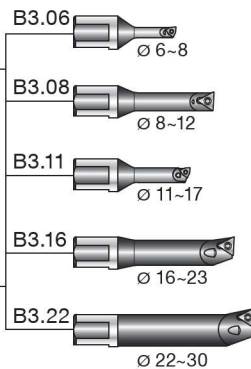


- 1 B3.06
- 1 B3.08
- 1 B3.11
- 1 B3.16
- 1 B3.22
- 1 CW 32
- 5 TPGX 090202L DC100
- 1 TPGX 110302L DC100
- 2 WCGT 020102L DC100
- 1 SFTP25
- 1 SFTP32
- 1 SFTP50
- 1 P 25.63
- 1 PS 31.24
- 1 PS 32.24

TRM 50



Ø 6-30



Ø 28-42

Ø 36-54

Ø 54-84

Ø 80-108

Ø 105-140

SFTP25

SFTP32

SFTP50

SFTP50

SFTP50

P25.63

PS31.24 CW32

PS32.24 CW32

TRE 50 IP69K

REF.	CODE	kg
TRM 50	455005000500	1
TRE 50 IP69K	455200500501	1.1
KIT K01 TRM 50	655005010510	3.1
KIT K01 TRE 50 IP69K	655200500504	3.1

REF.	CODE	kg
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

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.32-33 • Per lavorazioni sottosquadra vedere p.32-33



SFQC

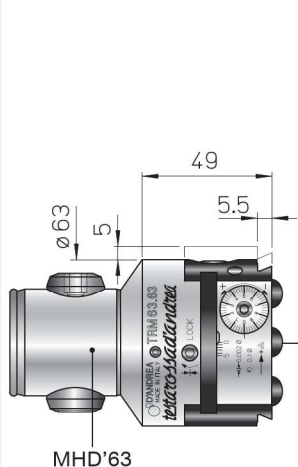
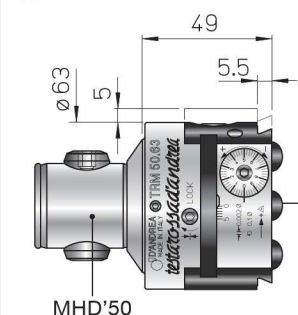
TRM 50/63 Ø 2.5 ~ 160

TRM 63/63 Ø 2.5 ~ 160



1 μ m

TRM 50/63
Ø 2.5 ~ 160



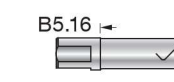
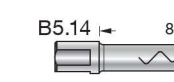
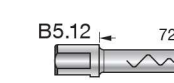
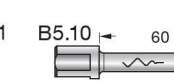
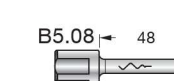
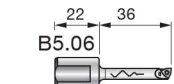
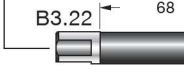
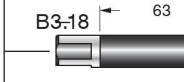
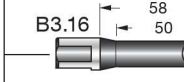
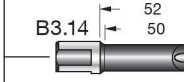
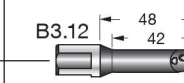
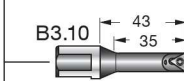
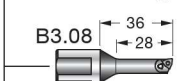
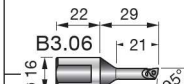
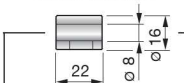
TRM 63/63
Ø 2.5 ~ 160

Tools
Utensili

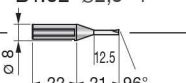
Vibration-damping
Antivibranti

Carbide
Metallo duro

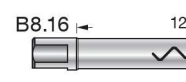
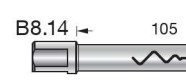
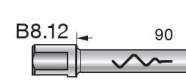
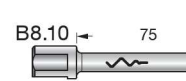
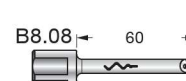
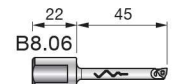
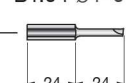
RDC D08.16



B1.02 Ø2,5-4



B1.04 Ø4-6



Ø6-8

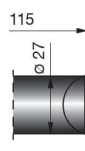
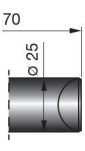
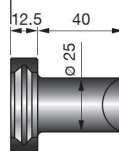
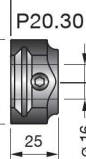
Ø8-10

Ø10-13

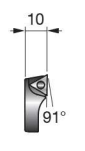
Ø12-14

Ø14-16

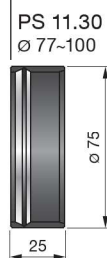
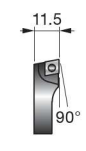
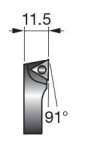
Ø16-18



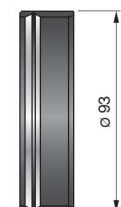
Ø 30-66



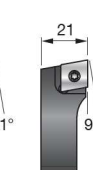
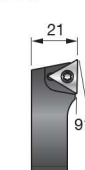
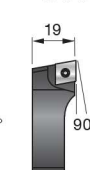
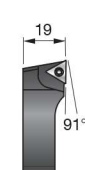
Ø 35.5-77



PS 12.30
Ø 95-160



Ø 77-160



SFTP50 SFCC50

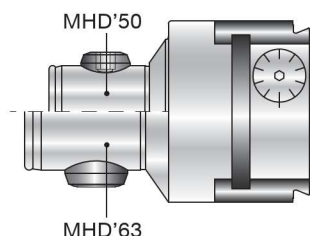
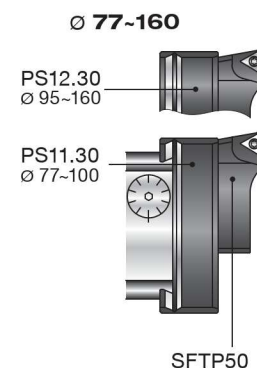
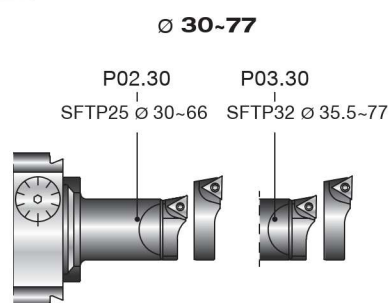
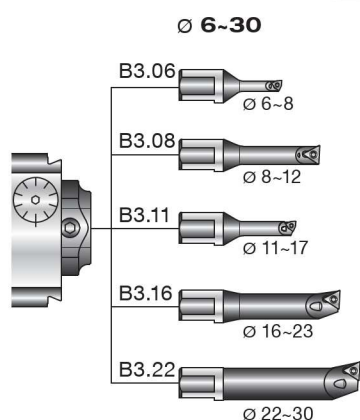
SFTP51 SFCC51

KIT K01 TRM 50/63 - KIT K01 TRM 63/63
Ø 6 ~ 160

TRM 50/63

TRM 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 DC100

KIT K01 TRM 50/63

KIT K01 TRM 63/63


REF.	CODE	kg
TRM 50/63	455005000631	1.1
TRM 63/63	455006300631	1.5
REF.	CODE	kg
KIT K01 TRM50/63	655005010633	3.9
KIT K01 TRM63/63	655006310633	4.2

REF.	CODE	kg
D08.16	200560116082	0.02
P20.30	431030160300	0.2
P02.30	431030250400	0.3
P03.30	431030250700	0.4
P04.30	431030251150	0.7
PS 11.30	433030260750	0.4
PS 12.30	433030260950	0.5

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.33 • Per lavorazioni sottosquadra vedere p.33


SFQC

TRM 50/80 Ø 2.5 ~ 220

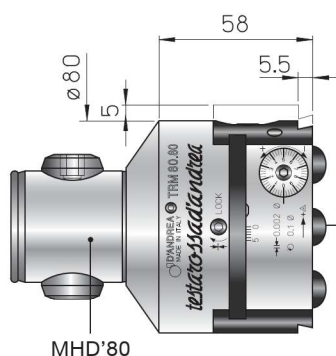
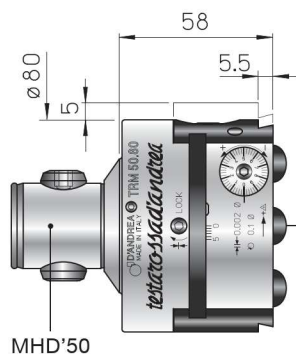


TRM 80/80 Ø 2.5 ~ 220



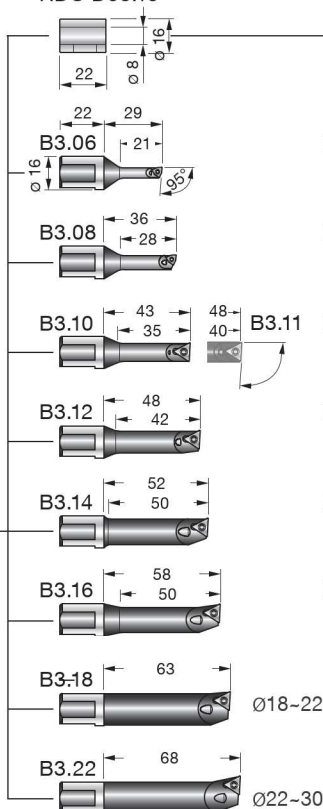
1 μ m

TRM 50/80
Ø 2.5 ~ 220

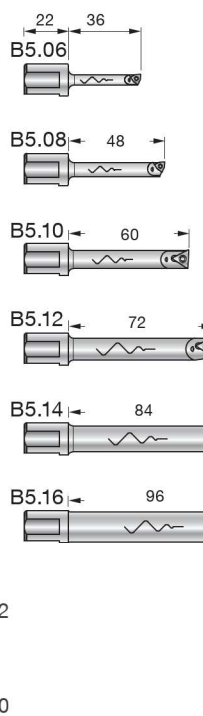


TRM 80/80
Ø 2.5 ~ 220

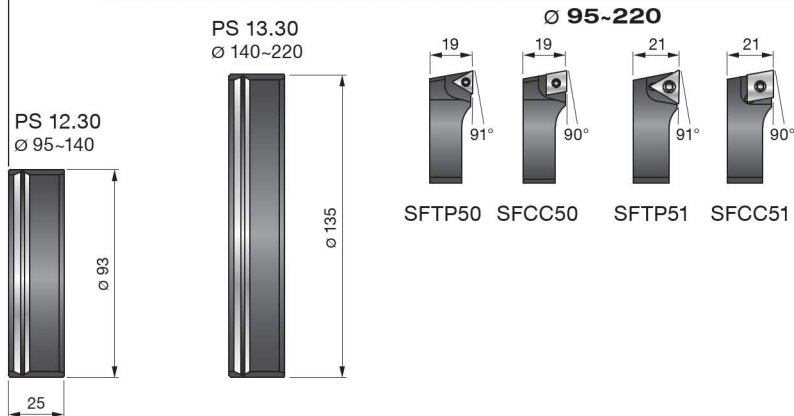
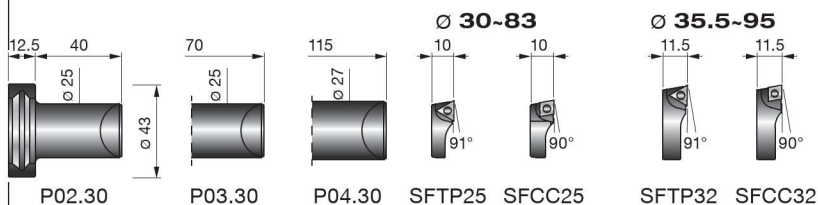
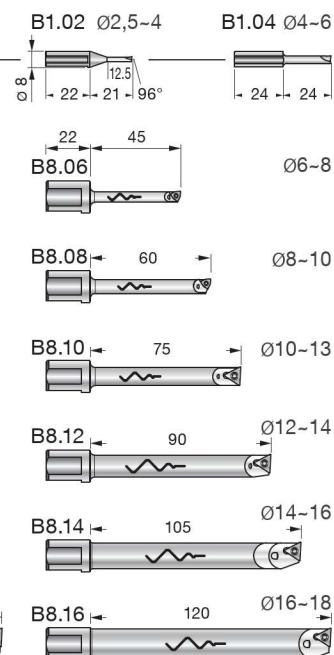
Tools
Utensili
RDC D08.16



Vibration-damping
Antivibranti



Carbide
Metallo duro



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

Ø 6 ~ 220

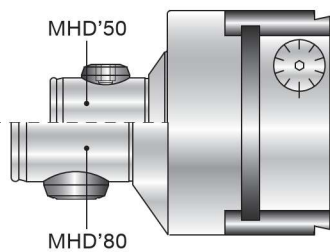
TRM 50/80

TRM 80/80

1 P20.30 1 B3.08
 1 PS12.30 1 B3.11
 1 PS13.30 1 B3.16
 1 P02.30 1 B3.22
 1 P03.30 1 SFTP25
 1 P04.30 1 SFTP32
 1 B3.06 1 SFTP50

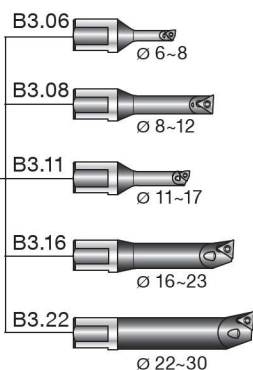
5 TPGX 090202L DC100
 1 TPGX 110302L DC100
 2 WCGT 020102L DC100

KIT K01 TRM 50/80

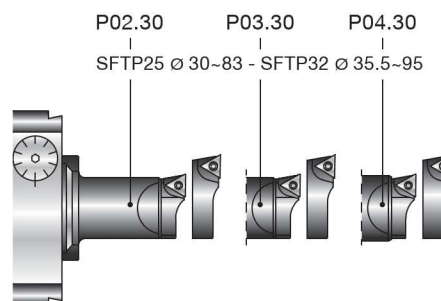


KIT K01 TRM 80/80

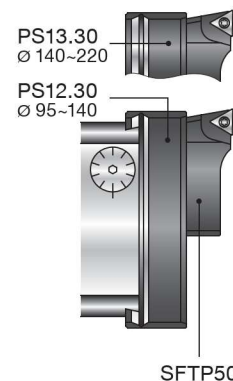
Ø 6-30



Ø 30-95



Ø 95-220



SFTP50

REF.	CODE	kg
TRM 50/80	455005000801	2
TRM 80/80	455008000801	2.5
REF.	CODE	kg
KIT K01 TRM50/80	655005010802	6.2
KIT K01 TRM80/80	655008010802	6.6

REF.	CODE	kg
D08.16	200560116082	0.02
P20.30	431030160300	0.2
P02.30	431030250400	0.3
P03.30	431030250700	0.4
P04.30	431030251150	0.7
PS 12.30	433030260950	0.5
PS 13.30	433030261400	0.7

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.33 • Per lavorazioni sottosquadra vedere p.33



SFQC

TRM MICROMETRIC FINE BORING HEAD

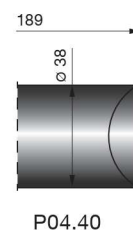
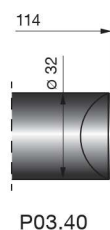
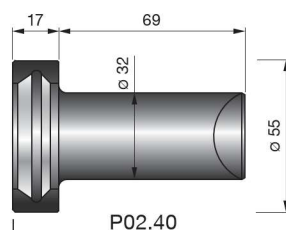
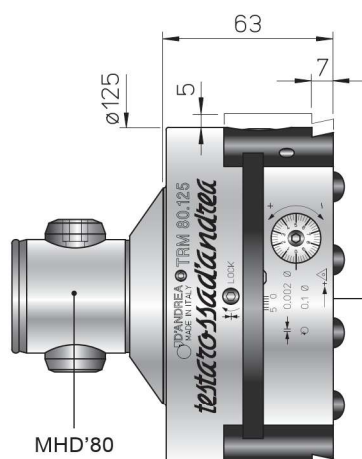
TESTE MICROMETRICHE DI FINITURA

TRM 80/125

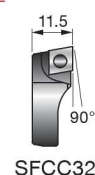
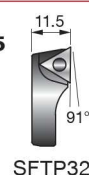
Ø 36 ~ 500



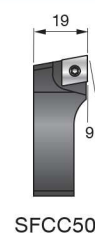
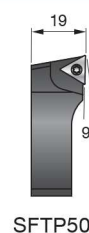
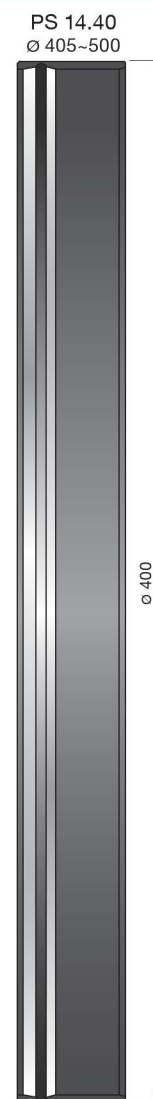
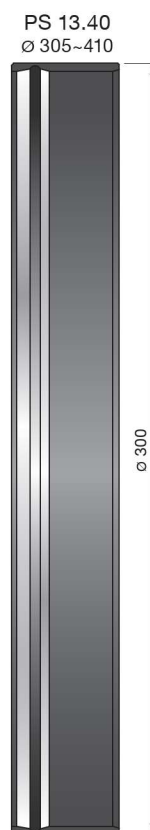
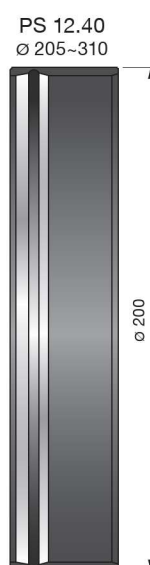
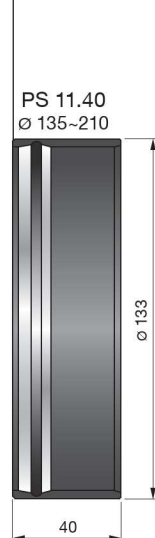
1 μ m



Ø 36-125



Ø 50-138



Ø 135-500

KIT K03 TRM 80/125
Ø 36 ~ 410

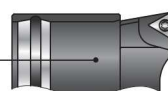
EXCLUDED
ESCLUSA
TRM 80/125



1 PS11.40
1 PS12.40
1 PS13.40
1 P02.40
1 P03.40
1 P04.40
1 SFTP32
1 SFTP40
1 SFTP50

Ø 135-410

PS13.40
Ø 305-410


Ø 36-138

P02.40

P03.40

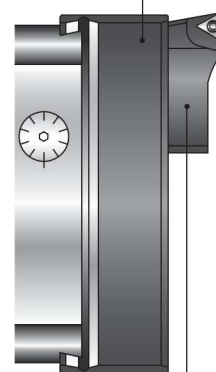
P04.40

SFTP32 Ø 36-125 - SFTP40 Ø 50-138

PS12.40
Ø 205-310



PS11.40
Ø 135-210



SFTP50

REF.	CODE	kg
TRM 80/125	455008001251	5.5

REF.	CODE	kg
KIT K03 TRM 80/125	655012500030	11.2

REF.	CODE	kg
P02.40	431040320700	0.7
P03.40	431040321150	1
P04.40	431040321900	2
PS 11.40	433040351500	1.5
PS 12.40	433040352300	2.4
PS 13.40	433040353300	3.5
PS 14.40	433040354000	4.6

REF.	CODE			TORX T 	kg	
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	
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.33 • Per lavorazioni sottosquadra vedere p.33



SFQC