



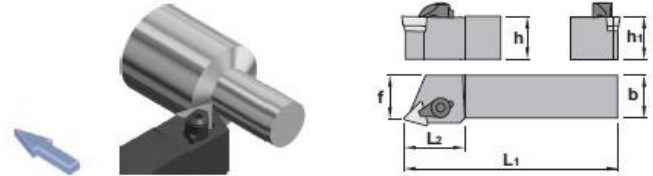
Characteristics:

Toolholder for external turning applications equipped with triangular positive inserts and strong cutting edges. The top clamp ensures good rigidity and stability.

Applications:

External turning toolholder for all kind of materials. The workpiece should be stable.

Axial: 1.5°
Radial: 5.75°



CTBP 75°

Ref.		h=h1	b	L1	L2	f	Insert size	Kg
CTBP R/L 1212 F11	CTBP R/L 1212 F11	12	12	80	18	11	TP.. 1103..	0,070
	CTBP R/L 1616 H11	16	16	100	22	13	TP.. 1103..	0,200
CTBP R/L 2020 K16	CTBP R/L 2020 K16	20	20	125	28	17	TP.. 1603..	0,400
	CTBP R/L 2525 M16	25	25	150	28	22	TP.. 1603..	0,700

Ref.							
CTBP R/L 1212 F11	CTBP R/L 1212 F11	2207	5025	-	-	2407	9011
	CTBP R/L 1616 H11	2207	5025	-	-	2407	9011
CTBP R/L 2020 K16	CTBP R/L 2020 K16	2209	5003	3116	4002	2409	9016-9116
	CTBP R/L 2525 M16	2209	5003	3116	4002	2409	9016-9116

Supplementary accessories

	TP..					
	Ref.	l	s	d	Positive 11° clearance - Triangular inserts.	
	TP.. 1103..	11,00	3,18	6,35		
	TP.. 1603..	16,50	3,18	9,52		
	TPMN	TPMR-33	TPUN	TPUX-R	TPUX-L	

For more information see page: A.31



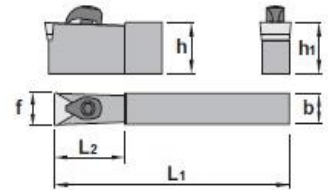
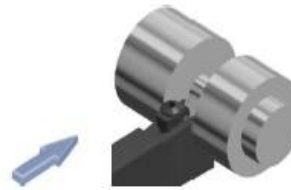
Characteristics:

Toolholder for face turning and grooving applications equipped with triangular positive inserts and strong cutting edges. The top clamp ensures good rigidity and stability.

Applications:






Face turning and grooving toolholder for all kind of materials. The workpiece should be stable.

Axial: 6°
Radial: 0°








CTCPN 90°

Ref.		h=h1	b	L1	L2	f	Insert size	KG
CTCP N 1009 E11		10	9	70	22	11	TP.. 1103..	0,040
CTCP N 2009 K11		20	9	125	22	11	TP.. 1103..	0,150
CTCP N 2509 R11		25	9	200	22	11	TP.. 1103..	0,350
CTCP N 2513 R16		25	13	200	28	16	TP.. 1603..	0,500
CTCP N 2518 R22		25	18	200	34	22	TP.. 2204..	0,650
CTCP N 4018 R22		40	18	200	34	22	TP.. 2204..	1,100

Ref.						
CTCP N 1009 E11		2304	5025	-	-	9011-9111
CTCP N 2009 K11		2304	5025	-	-	9011-9111
CTCP N 2509 R11		2304	5025	-	-	9011-9111
CTCP N 2513 R16		2305	5003	3116	4002	9016-9116
CTCP N 2518 R22		2211	5004	3122	4012	9022-9122
CTCP N 4018 R22		2211	5004	3122	4012	9022-9122

Ref.	TP..	l	s	d	Positive 11° clearance - Triangular inserts.	
	TP.. 1103..	11,00	3,18	6,35		
TP.. 1603..	16,50	3,18	9,52			
TP.. 2204..	22,00	4,76	12,70			

TPMN	TPMR-33	TPUN	TPUX-R	TPUX-L		
						

For more information see page: A.31



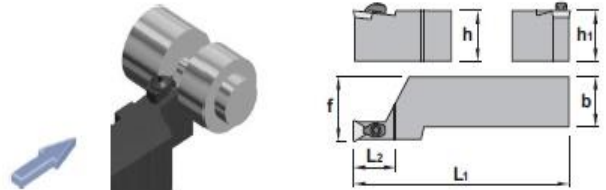
Characteristics:

Toolholder for face turning and grooving applications equipped with triangular positive inserts and strong cutting edges. The top clamp ensures good rigidity and stability.

Applications:






Face turning and grooving toolholder for all kind of materials. The workpiece should be stable.






Axial: 6°
Radial: 0°



CTCP 90°

Ref.		h=h1	b	L1	L2	f	Insert size	K_d
CTCP R/L 1212 F11		12	12	80	22	16	TP.. 1103..	0,070
CTCP R/L 1616 H11		16	16	100	22	20	TP.. 1103..	0,200
CTCP R/L 2020 K11		20	20	125	22	25	TP.. 1103..	0,400
CTCP R/L 2525 M11		25	25	150	22	32	TP.. 1103..	0,700
CTCP R/L 3225 P16		32	25	170	28	32	TP.. 1603..	1,000
CTCP R/L 3232 P16		32	32	170	28	40	TP.. 1603..	1,250
CTCP R/L 3225 P22		32	25	170	34	32	TP.. 2204..	1,000
CTCP R/L 3232 P22		32	32	170	34	40	TP.. 2204..	1,250

Ref.						
CTCP R/L 1212 F11		2304	5025	-	-	9011-9111
CTCP R/L 1616 H11		2304	5025	-	-	9011-9111
CTCP R/L 2020 K11		2304	5025	-	-	9011-9111
CTCP R/L 2525 M11		2304	5025	-	-	9011-9111
CTCP R/L 3225 P16		2305	5003	3116	4002	9016-9116
CTCP R/L 3232 P16		2305	5003	3116	4002	9016-9116
CTCP R/L 3225 P22		2211	5004	3122	4012	9022-9122
CTCP R/L 3232 P22		2211	5004	3122	4012	9022-9122

Ref.	TP..				Positive 11° clearance - Triangular inserts.	
	l	s	d			
TP.. 1103..	11,00	3,18	6,35			
TP.. 1603..	16,50	3,18	9,52			
TP.. 2204..	22,00	4,76	12,70			
	TPMN	TPMR-33	TPUN	TPUX-R	TPUX-L	
						

For more information see page: A.31



Characteristics:

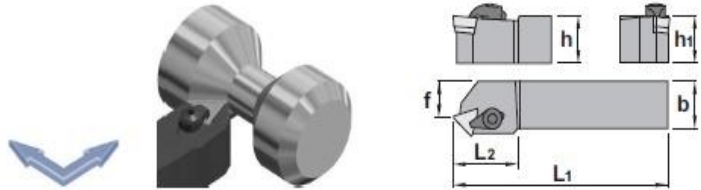
Toolholder for external turning and chamfering turning applications equipped with triangular positive inserts and strong cutting edges. The top clamp ensures good rigidity and stability.

Applications:

External turning and chamfering turning toolholder for all kind of materials. The workpiece should be stable.







For interrupted cut choose toolholder Ref. PTDN (Page: B.55).

Axial: 4.25°
Radial: 4.25°

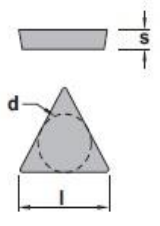







CTDP 45°

Ref.		h=h1	b	L1	L2	f	Insert size	Δ g
CTDP R/L 1212 F11		12	12	80	20	6,3	TP.. 1103..	0,070
	CTDP R/L 1616 H11	16	16	100	22	10,3	TP.. 1103..	0,200
CTDP R/L 2020 K16		20	20	125	28	12,2	TP.. 1603..	0,400
	CTDP R/L 2525 M16	25	25	150	28	17,2	TP.. 1603..	0,700
CTDP R/L 3232 P16		32	32	170	28	23,5	TP.. 1603..	1,250
	CTDP R/L 3232 P22	32	32	170	34	20,5	TP.. 2204..	1,250

Ref.							
CTDP R/L 1212 F11		2207	5025	-	-	2407	9011-9111
	CTDP R/L 1616 H11	2207	5025	-	-	2407	9011-9111
CTDP R/L 2020 K16		2209	5003	3116	4002	2409	9016-9116
	CTDP R/L 2525 M16	2209	5003	3116	4002	2409	9016-9116
CTDP R/L 3232 P16		2209	5003	3116	4002	2409	9016-9116
	CTDP R/L 3232 P22	2211	5004	3122	4012	2411	9022-9122

Supplementary accessories

	TP..				Positive 11° clearance - Triangular inserts.	
	Ref.	l	s	d		
	TP.. 1103..	11,00	3,18	6,35		
	TP.. 1603..	16,50	3,18	9,52		
	TP.. 2204..	22,00	4,76	12,70		
	TPMN	TPMR-33	TPUN	TPUX-R	TPUX-L	
						

For more information see page: A.31



Characteristics:

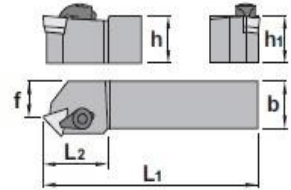
Toolholder for external turning and chamfering turning applications equipped with triangular positive inserts and strong cutting edges. The top clamp ensures good rigidity and stability.

Applications:

External turning and chamfering turning toolholder for all kind of materials. The workpiece should be stable.

For interrupted cut choose toolholder Ref. PTDN (Page: B.55).

Axial: 4.25°
Radial: 4.25°



CTDP 45°

Ref.		h=h1	b	L1	L2	f	Insert size	Δ kg
CTDP R/L 1212 F11	CTDP R/L 1212 F11	12	12	80	20	6,3	TP.. 1103..	0,070
	CTDP R/L 1616 H11	16	16	100	22	10,3	TP.. 1103..	0,200
CTDP R/L 2020 K16	CTDP R/L 2020 K16	20	20	125	28	12,2	TP.. 1603..	0,400
	CTDP R/L 2525 M16	25	25	150	28	17,2	TP.. 1603..	0,700
CTDP R/L 3232 P16	CTDP R/L 3232 P16	32	32	170	28	23,5	TP.. 1603..	1,250
	CTDP R/L 3232 P22	32	32	170	34	20,5	TP.. 2204..	1,250

Ref.							
CTDP R/L 1212 F11	CTDP R/L 1212 F11	2207	5025	-	-	2407	9011-9111
	CTDP R/L 1616 H11	2207	5025	-	-	2407	9011-9111
CTDP R/L 2020 K16	CTDP R/L 2020 K16	2209	5003	3116	4002	2409	9016-9116
	CTDP R/L 2525 M16	2209	5003	3116	4002	2409	9016-9116
CTDP R/L 3232 P16	CTDP R/L 3232 P16	2209	5003	3116	4002	2409	9016-9116
	CTDP R/L 3232 P22	2211	5004	3122	4012	2411	9022-9122

Supplementary accessories

	TP..				Positive 11° clearance - Triangular inserts.	
	Ref.	l	s	d		
	TP.. 1103..	11,00	3,18	6,35		
	TP.. 1603..	16,50	3,18	9,52		
	TP.. 2204..	22,00	4,76	12,70		
	TPMN	TPMR-33	TPUN	TPUX-R	TPUX-L	

For more information see page: A.31



Characteristics:

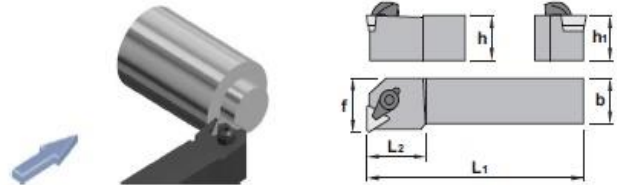
Toolholder for face turning applications equipped with triangular positive inserts and strong cutting edges. The top clamp ensures good rigidity and stability.

Applications:

Face turning toolholder for all kind of materials. The workpiece should be stable.

For interrupted cut choose toolholder Ref. PTFN (Page: B.56).

Axial: 6°
Radial: 0°



CTFP 90°

Ref.		h=h1	b	L1	L2	f	Insert size	
CTFP R/L	1010 E11	10	10	70	16	12	TP.. 1103..	0,030
	1212 F11	12	12	80	18	16	TP.. 1103..	0,070
	1616 H11	16	16	100	22	20	TP.. 1103..	0,200
	2020 K11	20	20	125	22	25	TP.. 1103..	0,400
	2020 K16	20	20	125	22	25	TP.. 1603..	0,400
	2525 M16	25	25	150	22	32	TP.. 1603..	0,700
	3225 P16	32	25	170	22	32	TP.. 1603..	1,000
	3232 P16	32	32	170	28	40	TP.. 1603..	1,250
	4040 S16	40	40	250	34	50	TP.. 1603..	3,000
	5050 T16	50	50	300	34	60	TP.. 1603..	5,650
	3232 P22	32	32	170	34	40	TP.. 2204..	1,250
	4040 S22	40	40	250	34	50	TP.. 2204..	3,000
5050 T22	50	50	300	34	60	TP.. 2204..	5,650	

Ref.							
CTFP R/L 1010 E11	2000	5015	-	-	-	-	-
CTFP R/L 1212 F11	2207	5025	-	-	2407	9011-9111	-
CTFP R/L 1616 H11	2207	5025	-	-	2407	9011-9111	-
CTFP R/L 2020 K11	2207	5025	-	-	2407	9011-9111	-
CTFP R/L 2020 K16	2209	5003	3116	4002	2409	9016-9116	-
CTFP R/L 2525 M16	2209	5003	3116	4002	2409	9016-9116	-
CTFP R/L 3225 P16	2209	5003	3116	4002	2409	9016-9116	-
CTFP R/L 3232 P16	2209	5003	3116	4002	2409	9016-9116	-
CTFP R/L 4040 S16	2209	5003	3116	4002	2409	9016-9116	-
CTFP R/L 5050 T16	2209	5003	3116	4002	2409	9016-9116	-
CTFP R/L 3232 P22	2211	5004	3122	4012	2411	9022-9122	-
CTFP R/L 4040 S22	2211	5004	3122	4012	2411	9022-9122	-
CTFP R/L 5050 T22	2211	5004	3122	4012	2411	9022-9122	-

Supplementary accessories

Ref.	TP..	l	s	d	Positive 11° clearance - Triangular inserts.
	TP.. 1103..	11,00	3,18	6,35	
TP.. 1603..	16,50	3,18	9,52		
TP.. 2204..	22,00	4,76	12,70		

TPMN	TPMR-33	TPUN	TPUX-R	TPUX-L

For more information see page: A.31



Characteristics:

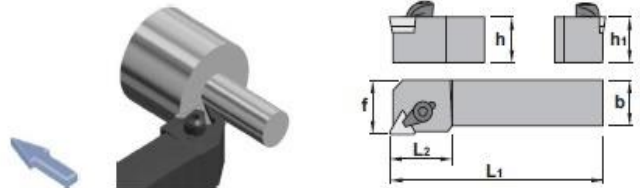
Toolholder for external turning applications equipped with triangular positive inserts and strong cutting edges. The top clamp ensures good rigidity and stability.

Applications:

External turning toolholder for all kind of materials. The workpiece should be stable.

For interrupted cut choose toolholder Ref. PTGN (Page: B.57).

Axial: 0°
Radial: 6°



CTGP 90°

Ref.		h=h1	b	L1	L2	f	Insert size	Kg
CTGP R/L	1010 E11	10	10	70	16	12	TP.. 1103..	0,030
	1212 F11	12	12	80	18	16	TP.. 1103..	0,070
	1616 H11	16	16	100	22	20	TP.. 1103..	0,200
	2020 K11	20	20	125	22	25	TP.. 1103..	0,400
	2020 K16	20	20	125	28	25	TP.. 1603..	0,400
	2525 M16	25	25	150	28	32	TP.. 1603..	0,700
	3225 P16	32	25	170	28	32	TP.. 1603..	1,000
	3232 P22	32	32	170	34	40	TP.. 2204..	1,250
	4040 S22	40	40	250	34	50	TP.. 2204..	3,000
	5050 T22	50	50	300	34	60	TP.. 2204..	5,650

Ref.	CTGP R/L 1010 E11	CTGP R/L 1212 F11	CTGP R/L 1616 H11	CTGP R/L 2020 K11	CTGP R/L 2020 K16	CTGP R/L 2525 M16	CTGP R/L 3225 P16	CTGP R/L 3232 P22	CTGP R/L 4040 S22	CTGP R/L 5050 T22		
	2000	5015	-	-	-	-	-	-	-	-	-	-
	2207	5025	-	-	2409	2409	2409	2411	2411	2411	9011-9111	9011-9111
	2207	5025	-	-	2409	2409	2409	2411	2411	2411	9011-9111	9011-9111
	2207	5025	-	-	2409	2409	2409	2411	2411	2411	9011-9111	9011-9111
	2209	5003	3116	4002	2409	2409	2409	2411	2411	2411	9016-9116	9016-9116
	2209	5003	3116	4002	2409	2409	2409	2411	2411	2411	9016-9116	9016-9116
	2209	5003	3116	4002	2409	2409	2409	2411	2411	2411	9016-9116	9016-9116
	2211	5004	3122	4012	2411	2411	2411	2411	2411	2411	9022-9122	9022-9122
	2211	5004	3122	4012	2411	2411	2411	2411	2411	2411	9022-9122	9022-9122
	2211	5004	3122	4012	2411	2411	2411	2411	2411	2411	9022-9122	9022-9122

Supplementary accessories

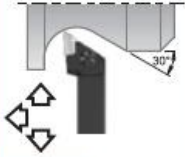
Ref.	TP..		l	s	d	Positive 11° clearance - Triangular inserts.
	TP.. 1103..		11,00	3,18	6,35	
TP.. 1603..		16,50	3,18	9,52		
TP.. 2204..		22,00	4,76	12,70		

TPMN	TPMR-33	TPUN	TPUX-R	TPUX-L		

For more information see page: A.31

Top clamp toolholders

CKJN 93°



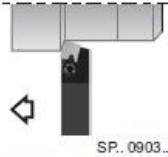
Page B.06 KNUX 1604..

CKNN 63°



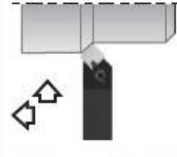
Page B.07 KNUX 1604..

CSBP 75°



Page B.08 SP.. 0903..
SP.. 1203..
SP.. 1904..

CSDP 45°



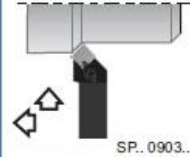
Page B.09 SP.. 0903..
SP.. 1203..

CSKP 75°



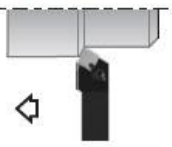
Page B.10 SP.. 0903..
SP.. 1203..
SP.. 1904..

CSSP 45°



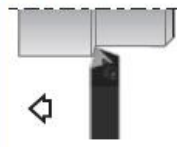
Page B.11 SP.. 0903..
SP.. 1203..
SP.. 1904..

CSTP 60°



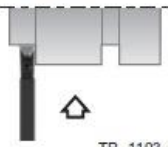
Page B.12 SP.. 0903..
SP.. 1203..

CTBP 75°



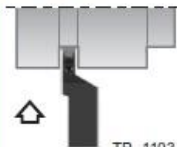
Page B.13 TP.. 1103..
TP.. 1603..

CTCPN 90°



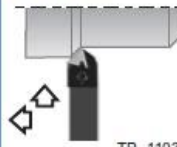
Page B.14 TP.. 1103..
TP.. 1603..
TP.. 2204..

CTCP 90°



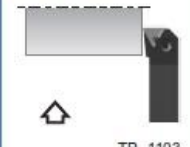
Page B.15 TP.. 1103..
TP.. 1603..
TP.. 2204..

CTDP 45°



Page B.16 TP.. 1103..
TP.. 1603..
TP.. 2204..

CTFP 90°



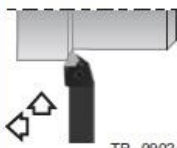
Page B.17 TP.. 1103..
TP.. 1603..
TP.. 2204..

CTGP 90°



Page B.18 TP.. 1103..
TP.. 1603..
TP.. 2204..

CTTP 60°



Page B.19 TP.. 0902..
TP.. 1103..
TP.. 1603..

