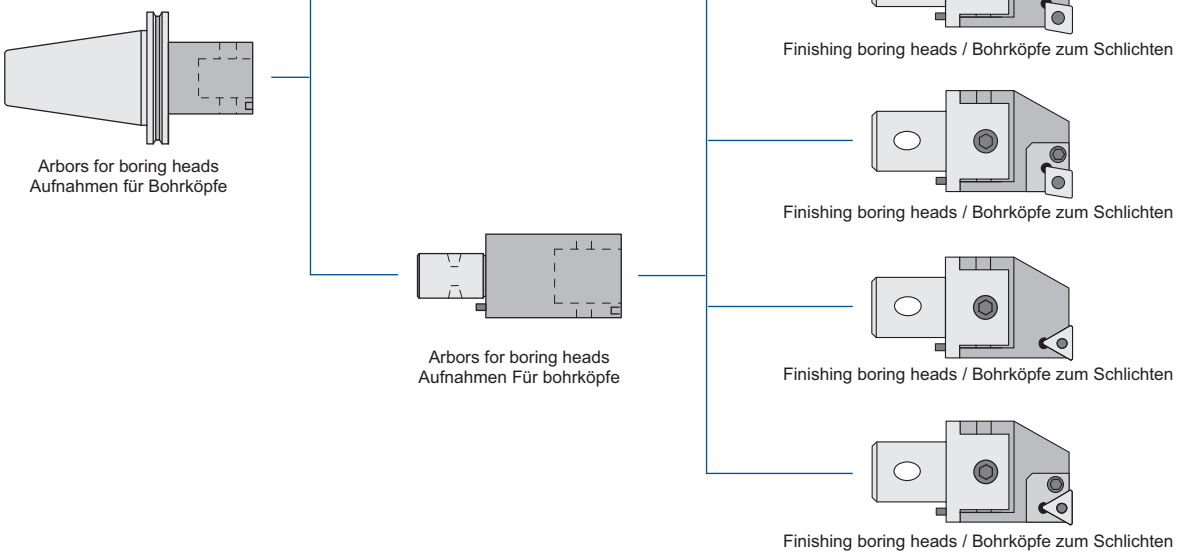
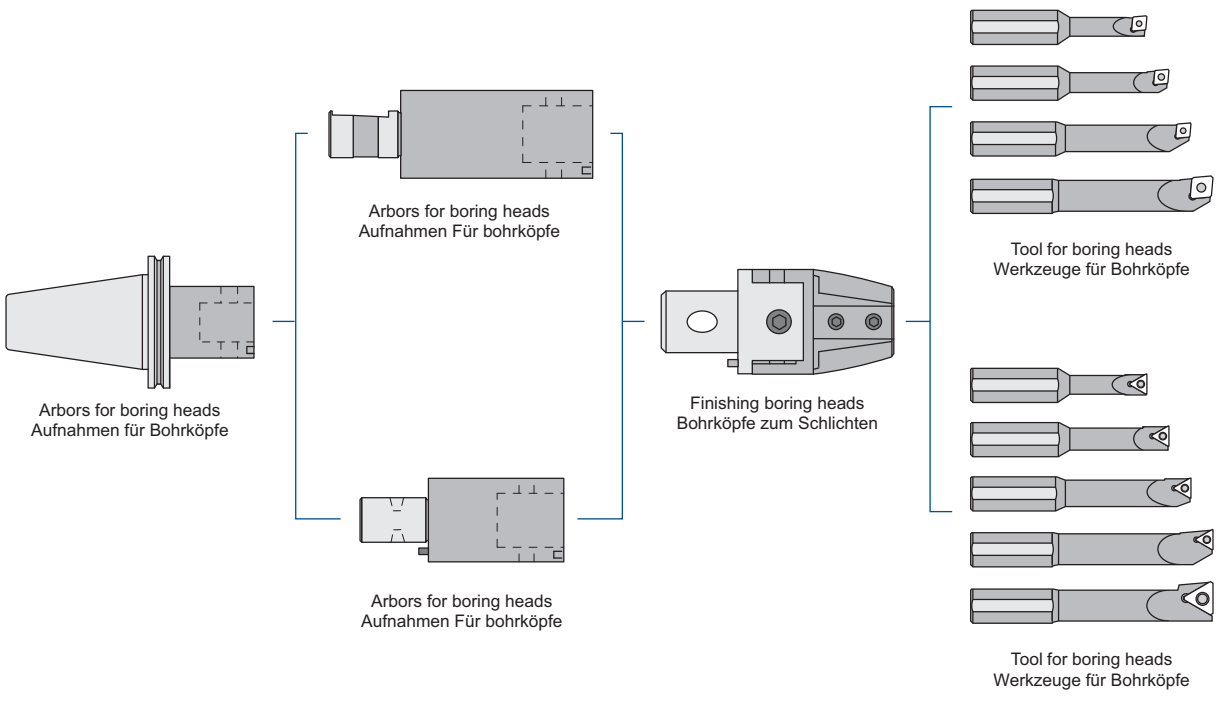
AT3

TECHNICAL CHARACTERISTICS OF BORING HEADS

TECHNISCHE EIGENSCHAFTEN DER BOHRKÖPFE



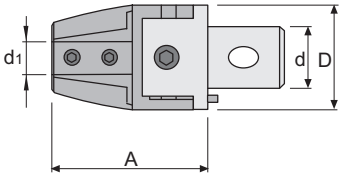


CANELA

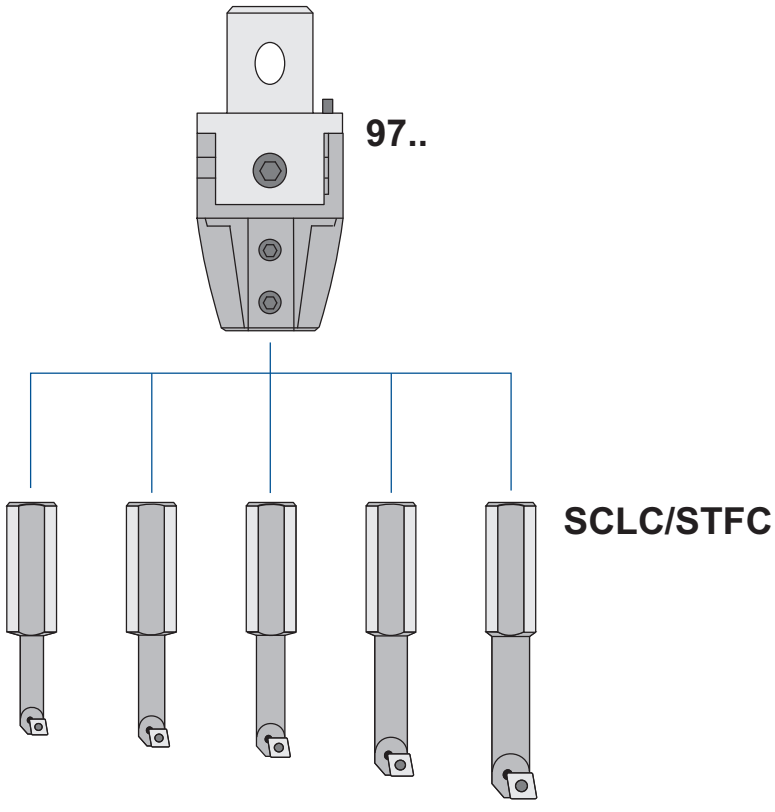
97.15/24

FINISHING BORING HEADS

BOHRKÖPFE ZUM SCHLICHTEN



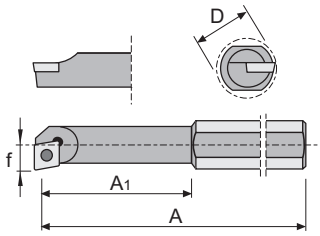
REF.	D mm	A mm	d mm	d_1 mm	D min	D max	Kg
97.15.08	27	50	15	8	10	21	0,170
97.20.08	32	58	20	8	10	21	0,280
97.20.10	32	58	20	10	13	25	0,290
97.24.10	42	70	24	10	13	29	0,650
97.24.12	42	70	24	12	16	34	0,620
97.24.16	42	70	24	16	20	38	0,600



SCLC

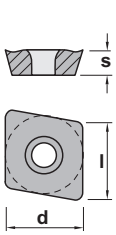
TOOL FOR BORING HEADS

WERKZEUGE FÜR BOHRKÖPFE



REF.	D mm	A mm	A_1 mm	f mm	Bore range Bohrungsbereich min	max	Insert Wendeplatte	Kg
S0816F SCLC R 06	16	80	35	4	10	28	CC.. 0602..	0,070
S1016G SCLC R 06	16	90	45	6	13	31	CC.. 0602..	0,100
S1216H SCLC R 06	16	100	57	7	16	34	CC.. 0602..	0,100
S1616I SCLC R 09	16	110	73	9	20	38	CC.. 09T3..	0,150

REF.		
S0816F SCLC R 06	10425	50507
S1016G SCLC R 06	10425	50507
S1216H SCLC R 06	10425	50507
S1616I SCLC R 09	10440	50515



REF.	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52

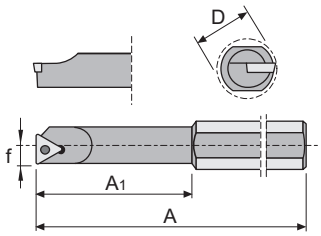
Positive 7° clearance - 80° rhombic inserts.
80° Rhombische positive Wendeschneidplatte mit 7° Freiwinkel.

CCGT-AL	CCMT-03	CCMW				
						

STFC

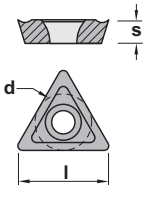
TOOL FOR BORING HEADS

WERKZEUGE FÜR BOHRKÖPFE



REF.	D mm	A mm	A_1 mm	f mm	Bore range Bohrungsbereich min	max	Insert Wendeplatte	Kg
S0816F STFC R 09	16	80	35	5	10	28	TC.. 0902..	0,090
S1016G STFC R 09	16	90	45	6	13	31	TC.. 0902..	0,100
S1216H STFC R 09	16	100	57	7	16	34	TC.. 0902..	0,100
S1616I STFC R 09	16	110	73	9	20	38	TC.. 0902..	0,100
S1616I STFC R 16	16	110	73	11	20	38	TC.. 16T3..	0,150

REF.		
S0816F STFC R 09	10222	50506
S1016G STFC R 09	10222	50506
S1216H STFC R 09	10222	50506
S1616I STFC R 09	10222	50506
S1616I STFC R 16	10425	50515



REF.	l	s	d
TC.. 0902..	9,62	2,38	5,55
TC.. 16T3..	16,50	3,97	9,52

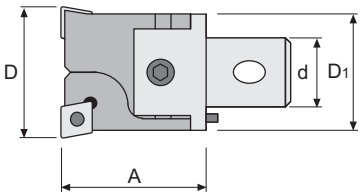
Positive 7° clearance - Triangular inserts.
Dreieckige positive Wendeschneidplatte mit 7° Freiwinkel.

TCGT-AL	TCMT-03	TCMT-39	TCMW			
						

63.12/28

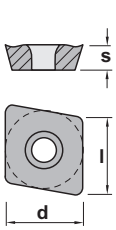
ROUGHING BORING HEADS

BOHRKÖPFE ZUM SCHRUPPEN



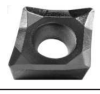
REF.	D_1 mm	A mm	d mm	D min	D max	Insert Wendeplatte	Kg
63.12.2430	22	34	12	24	30	CC.. 0602..	0,075
63.15.2940	27	42	15	29	40	CC.. 09T3..	0,150
63.20.3950	32	45	20	39	50	CC.. 09T3..	0,250
63.24.4965	42	56	24	49	65	CC.. 1204..	0,500
63.28.6382	54	56	28	63	82	CC.. 1204..	1,000

REF.				
63.12.2430	10425	50607	50003	50002
63.15.2940	10240	50615	50004	50002
63.20.3950	10240	50615	50004	50025
63.24.4965	10250	50620	50005	50003
63.28.6382	10250	50620	50006	50003



REF.	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52
CC.. 1204..	12,90	4,76	12,70

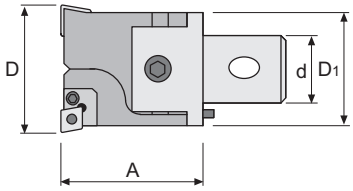
Positive 7° clearance - 80° rhombic inserts.
80° Rhombische positive Wendeschneidplatte mit 7° Freiwinkel.

CCGT-AL	CCMT-03	CCMW				
						

63.36/60

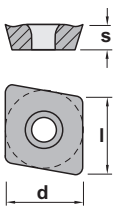
ROUGHING BORING HEADS

BOHRKÖPFE ZUM SCHRUPPEN



REF.	D_1 mm	A mm	d mm	D min	D max	Insert Wendeplatte	Kg
63.36.080102	68	86	36	80	102	CC.. 1204..	2,200
63.50.100125	85	100	50	100	125	CC.. 1204..	4,000
63.60.125160	110	100	60	125	160	CC.. 1204..	6,550
63.60.160220	145	100	60	160	220	CC.. 1204..	8,700

REF.					
63.36.080102	10250	50620	50508	50004	60412
63.50.100125	10250	50620	50508	50005	60412
63.60.125160	10250	50620	50508	50005	60412
63.60.160220	10250	50620	50508	50005	60412



REF.	l	s	d
CC.. 1204..	12,90	4,76	12,70

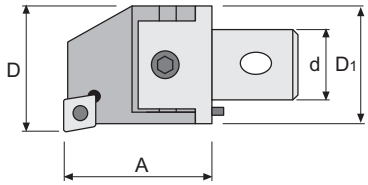
Positive 7° clearance - 80° rhombic inserts.
80° Rhombische positive Wendeschneidplatte mit 7° Freiwinkel.

CCGT-AL	CCMT-03	CCMW				
						

64.12/28

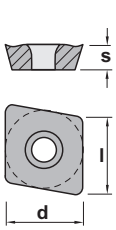
FINISHING BORING HEADS

BOHRKÖPFE ZUM SCHLICHTEN



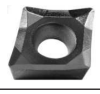
REF.	D_1 mm	A mm	d mm	D min	D max	Insert Wendeplatte	Kg
64.12.2430	22	34	12	24	30	CC.. 0602..	0,075
64.15.2940	27	42	15	29	40	CC.. 09T3..	0,150
64.20.3950	32	45	20	39	50	CC.. 09T3..	0,250
64.24.4965	42	56	24	49	65	CC.. 1204..	0,450
64.28.6382	54	56	28	63	82	CC.. 1204..	0,900

REF.				
64.12.2430	10425	50607	50003	50002
64.15.2940	10240	50615	50004	50002
64.20.3950	10240	50615	50004	50025
64.24.4965	10250	50620	50005	50003
64.28.6382	10250	50620	50006	50003



REF.	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52
CC.. 1204..	12,90	4,76	12,70

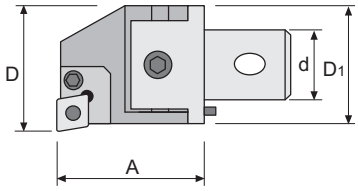
Positive 7° clearance - 80° rhombic inserts.
80° Rhombische positive Wendeschneidplatte mit 7° Freiwinkel.

CCGT-AL	CCMT-03	CCMW				
						

64.36/60

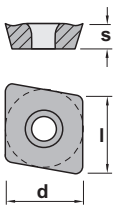
FINISHING BORING HEADS

BOHRKÖPFE ZUM SCHLICHTEN



REF.	D_1 mm	A mm	d mm	D min	D max	Insert Wendeplatte	Kg
64.36.080102	68	86	36	80	102	CC.. 1204..	2,050
64.50.100125	85	100	50	100	125	CC.. 1204..	3,700
64.60.125160	110	100	60	125	160	CC.. 1204..	6,150
64.60.160220	145	100	60	160	220	CC.. 1204..	8,050

REF.					
64.36.080102	10250	50620	50508	50004	60412
64.50.100125	10250	50620	50508	50005	60412
64.60.125160	10250	50620	50508	50005	60412
64.60.160220	10250	50620	50508	50005	60412



REF.	l	s	d
CC.. 1204..	12,90	4,76	12,70

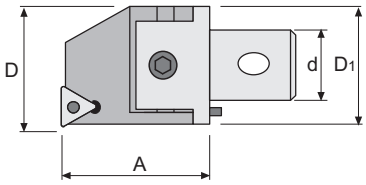
Positive 7° clearance - 80° rhombic inserts.
80° Rhombische positive Wendeschneidplatte mit 7° Freiwinkel.

CCGT-AL	CCMT-03	CCMW				
						

66.20/28

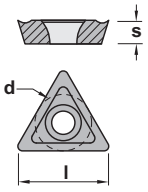
FINISHING BORING HEADS

BOHRKÖPFE ZUM SCHLICHTEN



REF.	D_1 mm	A mm	d mm	D min	D max	Insert Wendeplatte	Kg
66.20.3950	32	45	20	39	50	TC.. 16T3..	0,250
66.24.4965	42	56	24	49	65	TC.. 16T3..	0,450
66.28.6382	54	66	28	63	82	TC.. 16T3..	0,900

REF.				
66.20.3950	10240	50615	50004	50025
66.24.4965	10250	50620	50005	50003
66.28.6382	10250	50620	50006	50003



REF.	l	s	d
TC.. 16T3..	16,50	3,97	9,52

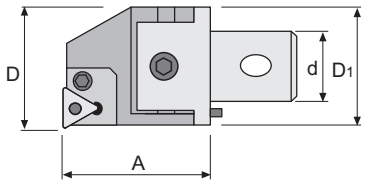
Positive 7° clearance - Triangular inserts.
Dreieckige positive Wendeschneidplatte mit 7° Freiwinkel.

TCGT-AL	TCMT-03	TCMT-39	TCMW			
						

66.36/60

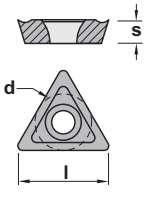
FINISHING BORING HEADS

BOHRKÖPFE ZUM SCHLICHTEN



REF.	D_1 mm	A mm	d mm	D min	D max	Insert Wendeplatte	Kg
66.36.080102	68	86	36	80	102	TC.. 16T3..	2,050
66.50.100125	85	100	50	100	125	TC.. 16T3..	3,700
66.60.125160	110	100	60	125	160	TC.. 16T3..	6,150
66.60.160220	145	100	60	160	220	TC.. 16T3..	8,050

REF.					
66.36.080102	10250	50620	50508	50004	60416
66.50.100125	10250	50620	50508	50005	60416
66.60.125160	10250	50620	50508	50005	60416
66.60.160220	10250	50620	50508	50005	60416



REF.	l	s	d
TC.. 16T3..	16,50	3,97	9,52

Positive 7° clearance - Triangular inserts.
Dreieckige positive Wendeschneidplatte mit 7° Freiwinkel.

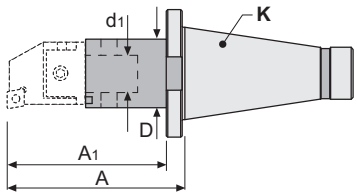
TCGT-AL	TCMT-03	TCMT-39	TCMW			
						

DIN 2080

10.700

ARBORS FOR BORING HEADS

AUFNAHMEN FÜR BOHRKÖPFE



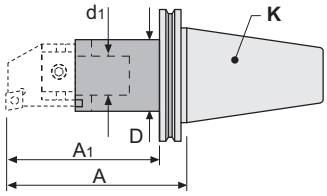
REF.	K ISO	D mm	A mm	A_1 mm	d_1 mm	Kg
10.700.30.12/100	30	22	115	100	12	0,450
10.700.30.15/100		27	115	100	15	0,550
10.700.30.20/100		32	115	100	20	0,600
10.700.40.12/100	40	22	115	100	12	0,950
10.700.40.15/100		27	115	100	15	1,050
10.700.40.20/100		32	115	100	20	1,100
10.700.40.24/160		42	175	160	24	1,850
10.700.40.28/160		54	175	160	28	2,300
10.700.40.36/160		68	176	160	36	2,500
10.700.50.12/100	50	22	119	100	12	2,850
10.700.50.15/100		27	119	100	15	2,900
10.700.50.20/130		32	149	130	20	3,150
10.700.50.24/160		42	179	160	24	3,700
10.700.50.28/160		54	179	160	28	4,250
10.700.50.36/200		68	220	200	36	5,650
10.700.50.50/200		85	221	200	50	6,350
10.700.50.60/260		100	281	260	60	11,000

DIN 69871-A

11.700

ARBORS FOR BORING HEADS

AUFNAHMEN FÜR BOHRKÖPFE



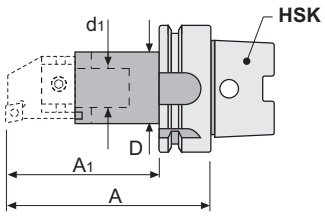
REF.	K ISO	D mm	A mm	A_1 mm	d_1 mm	Kg
11.700.40.12/100	**40**	22	115	100	12	1,200
11.700.40.15/100		27	115	100	15	1,250
11.700.40.20/100		32	115	100	20	1,500
11.700.40.24/160		42	175	160	24	1,900
11.700.40.28/160		54	175	160	28	2,300
11.700.40.36/160		68	176	160	36	2,600
11.700.50.12/100	**50**	22	119	100	12	3,350
11.700.50.15/100		27	119	100	15	3,400
11.700.50.20/130		32	149	130	20	3,600
11.700.50.24/160		42	179	160	24	4,200
11.700.50.28/160		54	179	160	28	4,700
11.700.50.36/200		68	220	200	36	5,650
11.700.50.50/200		85	221	200	50	6,200
11.700.50.60/260		100	281	260	60	10,850

DIN 69893-1 / Form A

16.700

ARBORS FOR BORING HEADS

AUFNAHMEN FÜR BOHRKÖPFE



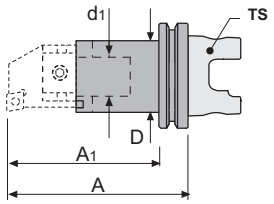
REF.	HSK	D mm	A mm	A_1 mm	d_1 mm	Kg
16.700.63.12/055	63	22	81	55	12	-
16.700.63.12/110		22	136	110	12	-
16.700.63.15/065		27	91	65	15	-
16.700.63.15/110		27	136	110	15	-
16.700.63.20/075		32	101	75	20	-
16.700.63.20/120		32	146	120	20	-

TS ISO 26622-1

17.700

ARBORS FOR BORING HEADS

AUFNAHMEN FÜR BOHRKÖPFE



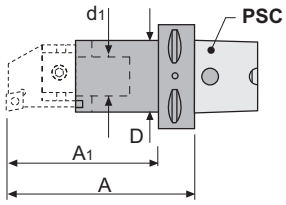
REF.	TS	D mm	A mm	A_1 mm	d_1 mm	Kg
17.700.63.12/055	**63**	22	74	55	12	-
17.700.63.12/110		22	129	110	12	-
17.700.63.15/065		27	84	65	15	-
17.700.63.15/110		27	129	110	15	-
17.700.63.20/075		32	94	75	20	-
17.700.63.20/120		32	139	120	20	-

PSC ISO 26623-1

18.700

ARBORS FOR BORING HEADS

AUFNAHMEN FÜR BOHRKÖPFE



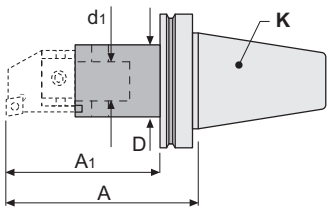
REF.	PSC	D mm	A mm	A_1 mm	d_1 mm	Kg
18.700.63.12/055	63	22	77	55	12	-
18.700.63.12/110		22	132	110	12	-
18.700.63.15/065		27	87	65	15	-
18.700.63.15/110		27	132	110	15	-
18.700.63.20/075		32	97	75	20	-
18.700.63.20/120		32	142	120	20	-

MAS BT

20.700

ARBORS FOR BORING HEADS

AUFNAHMEN FÜR BOHRKÖPFE

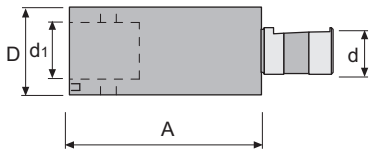


REF.	K ISO	D mm	A mm	A_1 mm	d_1 mm	Kg
20.700.40.12/100	**40**	22	115	100	12	1,200
20.700.40.15/100		27	115	100	15	1,250
20.700.40.20/100		32	115	100	20	1,600
20.700.40.24/160		42	175	160	24	2,050
20.700.40.28/160		54	175	160	28	2,550
20.700.40.36/160		68	176	160	36	2,550
20.700.50.12/100	**50**	22	119	100	12	3,850
20.700.50.15/100		27	119	100	15	3,950
20.700.50.20/130		32	149	130	20	4,200
20.700.50.24/160		42	179	160	24	5,200
20.700.50.28/160		54	179	160	28	5,800
20.700.50.36/200		68	220	200	36	6,650
20.700.50.50/200		85	221	200	50	7,400
20.700.50.60/260		100	281	260	60	12,300

60.62/64

ARBORS FOR BORING HEADS

AUFNAHMEN FÜR BOHRKÖPFE

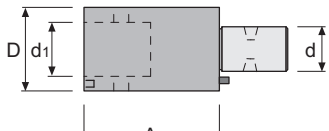


REF.	D mm	d mm	A mm	d_1 mm	Kg
60.62.12	22	20	20	12	0,050
60.62.15	27	20	30	15	0,100
60.63.12	22	20	30	12	0,120
60.63.15	27	20	45	15	0,230
60.63.20	32	25	35	20	0,320
60.64.12	22	20	52	12	0,210
60.64.15	27	20	52	15	0,290
60.64.20	32	20	52	20	0,400
60.64.24	42	25	60	24	0,500

60.12/24

ARBORS FOR BORING HEADS

AUFNAHMEN FÜR BOHRKÖPFE

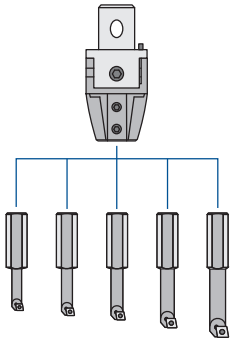


REF.	D mm	d mm	A mm	d_1 mm	Kg
60.12.12/20	22	12	20	12	0,050
60.12.12/30	22	12	30	12	0,100
60.15.15/30	27	15	30	15	0,130
60.15.15/45	27	15	45	15	0,190
60.20.20/35	32	20	35	20	0,200
60.20.20/52	32	20	52	20	0,270
60.24.24/40	42	24	40	24	0,400
60.24.24/60	42	24	60	24	0,600

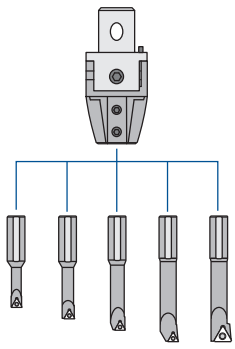
SET-97

SETS

SÄTZE



REF.	Boring head Bohrkopf	Boring bars Bohrstangen	Bore range Bohrungsbereich min	max	Kg
SET-97 SCLC	97.24.16	S0816F SCLC R 06	10	28	-
		S1016G SCLC R 06	13	31	-
		S1216H SCLC R 06	16	34	-
		S1616I SCLC R 09	20	38	-



REF.	Boring head Bohrkopf	Boring bars Bohrstangen	Bore range Bohrungsbereich min	max	Kg
SET-97 STFC	97.24.16	S0816F STFC R09	10	28	-
		S1016G STFC R 09	13	31	-
		S1216H STFC R 09	16	34	-
		S1216I STFC R 09	20	38	-
		S1616I STFC R 16	20	38	-

SPECIAL TOOL REQUEST

SPEZIALWERKZEUG REQUEST

1 TYPE / TYP

10.700	11.700	16.700	17.700	18.700	20.700	60.62/24	60.12/24
							

2 DIMENSION / ABMESSUNG

ISO

30	35	40	45	50	60

HSK

32	40	50	63	80	100

TS

40	50	63	80	100

PSC

32	40	50	63	80	100

3 LENGTH (A) / LÄNGE (A)

DIAMETER / DURCHMESSER 	COLLET SPANNZANGE

NOTES: