

Technical parameters

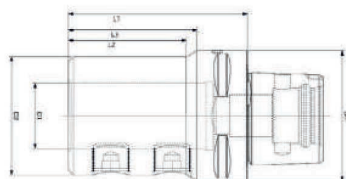
Unit: mm

Ordering code	Clamping hole dimensions	Dm	D1	D2	L1	L2	m (kg)
PSC63-SLN-16-065	16	63	38	48	65	43.0	1.10
PSC63-SLN-18-065	18	63	40	50	65	42.7	1.10
PSC63-SLN-20-065	20	63	42	52	65	43.0	1.50
PSC63-SLN-25-080	25	63	49	65	80	-	1.90
PSC63-SLN-32-090	32	63	56	72	90	-	2.40
PSC63-SLN-40-100	40	63	74	90	100	-	3.70
PSC80-SLN-06-070	6	80	17	25	70	40.0	2.10
PSC80-SLN-08-070	8	80	20	28	70	40.0	2.10
PSC80-SLN-10-070	10	80	27	35	70	40.0	2.40
PSC80-SLN-12-070	12	80	32	42	70	40.0	2.40
PSC80-SLN-14-070	14	80	34	44	70	40.0	2.40
PSC80-SLN-16-070	16	80	38	48	70	40.0	2.40
PSC80-SLN-18-070	18	80	40	50	70	40.0	2.40
PSC80-SLN-20-070	20	80	42	52	70	40.0	2.40
PSC80-SLN-25-080	25	80	49	65	80	58.0	2.40
PSC80-SLN-32-080	32	80	56	72	80	58.0	2.90
PSC80-SLN-40-110	40	80	74	90	110	-	4.50
PSC80-SLN-50-120	50	80	84	100	120	-	5.50

Side clamping dimensions	Clamping bolt	Key
6	251.060.10	241.030.63
8	251.080.10	241.040.70
10	251.100.12	241.050.80
12	251.120.16	241.060.90
14	251.120.16	241.060.90
16	251.140.16	241.060.90
18	251.140.16	241.060.90
20	251.160.16	241.080.00
25	251.180.20	241.080.00
32	251.200.20	241.100.00
40	251.200.25	241.100.00
50	251.240.25	241.120.00

PSC 侧压式夹柄 铣刀

PSC Side Lock End Mill Holder-Axial



Technical parameters

Unit: mm

Ordering code	Type	Dm	D1	D2(BD1)	D3	L1(LF)	L2(LB1)	L3	L4	m (kg)
PSC32-SLNE-16-056	1	32	16	36	-	56	56	-	-	0.4
PSC32-SLNE-20-060	1	32	20	40	-	60	60	-	-	0.4
PSC32-SLNE-25-080	1	32	25	45	-	80	80	-	-	0.7
PSC40-SLNE-16-056	7	40	16	36	-	56	32.5	36	-	0.6
PSC40-SLNE-20-060	1	40	20	40	-	60	60	-	-	0.6
PSC40-SLNE-25-077	1	40	25	45	-	77	77	-	-	0.7
PSC40-SLNE-32-088	1	40	32	52	-	61	88	-	-	0.99
PSC50-SLNE-16-065	7	50	16	36	-	65	41.7	45	-	0.71
PSC50-SLNE-20-060	7	50	20	40	-	60	37.7	40	-	0.71
PSC50-SLNE-25-071	7	50	25	45	-	71	46.7	51	-	0.8
PSC50-SLNE-32-075	1	50	32	52	-	75	75	-	-	1
PSC50-SLNE-40-100	1	50	40	65	-	71	100	-	-	1.79
PSC63-SLNE-16-070	7	63	16	36	-	70	43	47.9	-	1.1
PSC63-SLNE-20-070	7	63	20	40	-	70	43.8	48	-	1.1
PSC63-SLNE-25-072	7	63	25	45	-	72	45.8	50	-	1.1
PSC63-SLNE-32-075	7	63	32	52	-	75	49.8	53	-	1.3
PSC63-SLNE-40-085	1	63	40	65	-	85	85	-	-	1.7
PSC80-SLNE-16-080	7	80	16	36	-	80	42	50	-	2.1
PSC80-SLNE-20-080	7	80	20	40	-	80	43.8	49.9	-	2.43

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Technical parameters

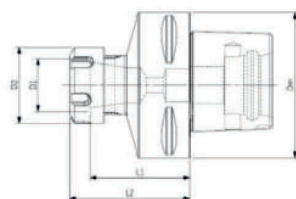
Unit: mm

Ordering code	Type	Dm	D1	D2(BD1)	D3	L1(LF)	L2(LB1)	l3	l4	m (kg)
PSC80-SLNE-25-085	7	80	25	45	-	85	49.8	55.1	-	2.42
PSC80-SLNE-32-090	7	80	32	52	-	90	53.8	60	-	2.42
PSC80-SLNE-40-095	7	80	40	65	-	95	62.8	65.1	-	2.8
PSC80-SLNE-50-100	7	80	50	75	-	100	68.6	70	-	3.1
PSC100-SLNE-20-090	14	100	20	42	52	90	5	42	54	4.31
PSC100-SLNE-25-105	14	100	25	49	65	105	8	61	69	4.95
PSC100-SLNE-32-110	14	100	32	56	72	110	8	66	74	5.3
PSC100-SLNE-40-115	14	100	40	74	90	115	8	76	79	6.45
PSC100-SLNE-50-120	3	100	50	84	100	120	8	120	-	7.1

PSC size	Side clamping dimensions	Clamping bolt	key
PSC32-PSC80	16	514.042.04	241.030.63
PSC32-PSC80	20	514.042.04	241.040.70
PSC32-PSC80	25	514.618.38	241.050.80
PSC40-PSC80	32	514.618.38	241.060.90
PSC50-PSC80	40	514.042.06	241.060.90
PSC80	50	514.042.06	241.060.90
PSC100	20	251.160.16	241.040.70
PSC100	25	251.160.16	241.050.80
PSC100	32	514.506.10	241.060.90
PSC100	40	514.506.11	241.060.90
PSC100	50	514.506.61	241.060.90

PSC 技术规格书

PSC with Type ER



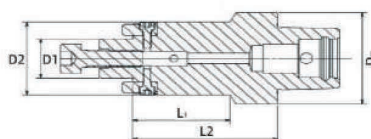
Technical parameters

Unit: mm

Ordering code	Dm	D1	L1	L2	Locking nut	m (kg)
PSC32-ER16-045	32	32	34,4	45	ER16_M_SP1	0.2
PSC32-ER20-045	32	35	33,5	45	ER20_M_SP1	0.22
PSC40-ER20-052	40	35	40,5	52	ER20_M_SP1	0.37
PSC40-ER25-052	40	42	40	52	ER25_M_SP1	0.42
PSC40-ER32-054	40	50	41	54	ER32_M_SP1	0.46
PSC50-ER20-055	50	35	43,5	55	ER20_M_SP1	0.62
PSC50-ER25-055	50	42	43	55	ER25_M_SP1	0.63
PSC50-ER32-057	50	50	44	57	ER32_M_SP1	0.68
PSC50-ER32-100	50	50	87	100	ER32_M_SP1	1.28
PSC50-ER40-060	50	63	45	60	ER40_M_SP1	0.81
PSC63-ER25-060	63	42	48	60	ER25_M_SP1	1.04
PSC63-ER25-100	63	42	88	100	ER25_M_SP1	1.44
PSC63-ER32-060	63	50	47	60	ER32_M_SP1	1.06
PSC63-ER32-100	63	50	87	100	ER32_M_SP1	1.6
PSC63-ER40-065	63	63	50	65	ER40_M_SP1	1.22
PSC63-ER40-130	63	63	115	130	ER40_M_SP1	2.77
PSC80-ER20-065	80	35	53,5	65	ER20_M_SP1	2.02
PSC80-ER25-070	80	42	58	70	ER25_M_SP1	2.1
PSC80-ER32-070	80	50	57	70	ER32_M_SP1	2.13
PSC80-ER40-070	80	63	55	70	ER40_M_SP1	2.19

PSC 技术规格书

PSC with Type Arbor Adaptor



Technical parameters

Unit: mm

Ordering code	Dm	D1	D2	L1	L2	m (kg)
PSC32-A16A-030M	32	16	32	15	30	0.25
PSC40-A16A-032M	40	16	32	10	32	0.38
PSC40-A16A-055M	40	16	32	33	55	0.4
PSC40-A22A-025M	40	22	40	-	25	0.4
PSC40-A22A-055M	40	22	40	25	55	0.6
PSC50-A16A-035M	50	16	32	10	35	0.6
PSC50-A16A-070M	50	16	32	45	70	0.7
PSC50-A22A-025M	50	22	50	-	25	0.62
PSC50-A22A-070M	50	22	40	47	70	0.9
PSC50-A27A-025M	50	27	50	-	25	0.68
PSC50-A32A-040M	50	32	63	20	40	1.14
PSC63-A16A-040M	63	16	32	10	40	1
PSC63-A22A-025M	63	22	50	-	25	0.96
PSC63-A22A-080M	63	22	40	40	80	1.4
PSC63-A27A-025M	63	27	50	-	25	1.01
PSC63-A27A-080M	63	27	50	55	80	1.6
PSC63-A32A-025M	63	32	63	-	25	1.09
PSC63-A40A-045M	63	40	70	20	45	1.75
PSC63-A40C-050M	63	40	88	28	50	2.4
PSC80-A16A-050M	80	16	32	10	50	2.1

see next page →

PSC | PSC 产品



Technical parameters

| Unit: mm

Ordering code	Dm	D1	D2	L1	L2	m (kg)
PSCB0-A22A-030M	80	22	80	-	30	1.86
PSCB0-A22A-090M	80	22	40	45	90	2.4
PSCB0-A27A-030M	80	27	50	-	30	1.91
PSCB0-A27A-090M	80	27	50	50	90	2.7
PSCB0-A32A-030M	80	32	80	-	30	2.02
PSCB0-A40A-030M	80	40	80	-	30	2
PSCB0-A40C-060M	80	40	88	30	60	3.47
PSCB0-A60C-080M	80	60	130	50	80	7.78
PSC100-A27A-075M	100	27	60	29	75	4.52
PSC100-A32A-075M	100	32	78	33	75	5.04
PSC100-A40C-040M	100	40	100	-	40	3.95
PSC100-A60C-075M	100	60	130	-	75	8.5

Main spare parts

Arbor size	Key block	Key block screw	Screw	Washer	Key block key	Key
A16A	141.011.04	113.030.06	120.080.25	-	241.025.56	241.060.90
A22A	141.011.01	113.040.10	120.100.35	-	241.030.63	241.080.00
A27A	141.010.01	113.040.12	120.120.35	133.120.30	241.030.63	241.100.00
A32A	141.010.04	-	120.160.40	133.160.30	241.040.70	241.140.00
A40A	141.010.02	113.060.15	120.200.45	133.200.40	241.050.80	241.170.00
A40C	142.012.01	113.060.20	113.120.40	-	241.050.80	241.100.00
A60C	142.012.02	113.120.25	113.160.50	-	241.100.00	241.140.00

• The spare parts can be ordered separately. Please inquire on demand

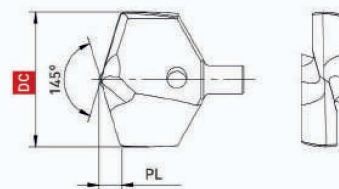
S10-CMA CARBIDE INSERT OF SPEED DRILL



02



- Diameter range: 10.0 ~ 39.99mm;
- Triple Positioning structure to improve drilling stability;
- Drilling accuracy: IT9 ~ IT10;
- CS drill tip;
- Special for stainless steel.



[Unit]: mm

INSERT MODEL	SIZE		INVENTORY	MATCHING HOLDER MODEL	INSERT MODEL	SIZE		INVENTORY	MATCHING HOLDER MODEL
	DC (k7)	PL				DC (k7)	PL		
S10-CMA-1000	10.00	1.8	▲	S10-G1000-03L16 S10-G1000-05L16 S10-G1000-08L16	S10-CMA-1250	12.50	2.2	▲	S10-G1250-03L16 S10-G1250-05L16 S10-G1250-08L16
S10-CMA-1010	10.10	1.8	△		S10-CMA-1260	12.60	2.2	△	
S10-CMA-1020	10.20	1.8	▲		S10-CMA-1270	12.70	2.3	△	
S10-CMA-1030	10.30	1.8	△		S10-CMA-1280	12.80	2.3	△	
S10-CMA-1040	10.40	1.8	△		S10-CMA-1290	12.90	2.3	△	
S10-CMA-1050	10.50	1.9	▲	S10-G1050-03L16 S10-G1050-05L16 S10-G1050-08L16	S10-CMA-1300	13.00	2.3	▲	S10-G1300-03L16 S10-G1300-05L16 S10-G1300-08L16
S10-CMA-1060	10.60	1.9	△		S10-CMA-1310	13.10	2.3	△	
S10-CMA-1070	10.70	1.9	△		S10-CMA-1320	13.20	2.3	△	
S10-CMA-1080	10.80	1.9	△		S10-CMA-1330	13.30	2.4	△	
S10-CMA-1090	10.90	1.9	△		S10-CMA-1340	13.40	2.4	△	
S10-CMA-1100	11.00	2.0	▲	S10-G1100-03L16 S10-G1100-05L16 S10-G1100-08L16	S10-CMA-1350	13.50	2.4	▲	S10-G1350-03L16 S10-G1350-05L16 S10-G1350-08L16
S10-CMA-1110	11.10	2.0	△		S10-CMA-1360	13.60	2.4	△	
S10-CMA-1120	11.20	2.0	△		S10-CMA-1370	13.70	2.4	△	
S10-CMA-1130	11.30	2.0	△		S10-CMA-1380	13.80	2.4	△	
S10-CMA-1140	11.40	2.0	△		S10-CMA-1390	13.90	2.5	△	
S10-CMA-1150	11.50	2.0	▲	S10-G1150-03L16 S10-G1150-05L16 S10-G1150-08L16	S10-CMA-1400	14.00	2.5	▲	S10-G1400-03L16 S10-G1400-05L16 S10-G1400-08L16
S10-CMA-1160	11.60	2.1	△		S10-CMA-1410	14.10	2.5	△	
S10-CMA-1170	11.70	2.1	△		S10-CMA-1420	14.20	2.5	△	
S10-CMA-1180	11.80	2.1	△		S10-CMA-1430	14.30	2.5	△	
S10-CMA-1190	11.90	2.1	△		S10-CMA-1440	14.40	2.6	△	
S10-CMA-1200	12.00	2.1	▲	S10-G1200-03L16 S10-G1200-05L16 S10-G1200-08L16	S10-CMA-1450	14.50	2.6	▲	S10-G1450-03L16 S10-G1450-05L16 S10-G1450-08L16
S10-CMA-1210	12.10	2.1	△		S10-CMA-1460	14.60	2.6	△	
S10-CMA-1220	12.20	2.2	△		S10-CMA-1470	14.70	2.6	△	
S10-CMA-1230	12.30	2.2	△		S10-CMA-1480	14.80	2.6	△	
S10-CMA-1240	12.40	2.2	△		S10-CMA-1490	14.90	2.6	△	

▲ YES △ NO

APPLICABLE TABLE OF PROCESSED MATERIALS

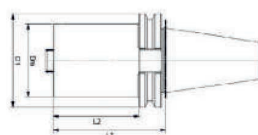
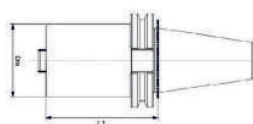
ISO	P	P	P	P	M	K	K	N	N	N	S	S	H	H
WORKPIECE MATERIAL	MILD STEEL	STRUCTURAL STEEL	ALLOY STEEL	TOOL STEEL	STAINLESS STEEL	CAST IRON	MALLEABLE CAST IRON	ALUMINUM ALLOY	CAST ALUMINUM ALLOYS	COPPER ALLOYS	SUPER ALLOYS	TITANIUM ALLOYS	HARDENED STEEL	HARDENED STEEL
	<500N	<750N	<1400N	<1100N	<900N	<750N	<1100N	S<12%	S>12%	<750N	<1100N	<1100N	<1400N	<1600N
CMA		○	○	○	●	○	○	○	○	○	○	○		

● VERY SUITABLE ○ SUITABLE

P87 Vc P131

SK 40-100 系列

SK with Type PSC Adaptor



Technical parameters

Unit: mm

Ordering code	Dm	D1	L1	L2	m (kg)
SK40-PSC32-030M	32	63.5	30	10.9	0.87
SK40-PSC32-060M	32	63.5	60	40.9	1.02
SK40-PSC40-030M	40	63.5	30	10.9	0.86
SK40-PSC40-060M	40	63.5	60	40.9	1.12
SK40-PSC50-040M	50	63.5	40	20.9	0.96
SK40-PSC50-080M	50	63.5	80	60.9	1.52
SK40-PSC63-085M	63	63.5	85	65.9	1.84
SK50-PSC32-030M	32	97.5	30	10.9	2.73
SK50-PSC32-060M	32	97.5	60	40.9	2.86
SK50-PSC40-030M	40	97.5	60	10.9	2.74
SK50-PSC40-060M	40	97.5	60	40.9	2.86
SK50-PSC50-030M	50	97.5	30	10.9	2.7
SK50-PSC50-070M	50	97.5	70	50.9	3.21
SK50-PSC63-030M	63	97.5	30	10.9	2.62
SK50-PSC63-080M	63	97.5	80	60.9	3.71
SK50-PSC80-070M	80	97.5	70	50.9	3.83
SK50-PSC80-120M	80	97.5	120	100.9	5.69
SK50-PSC100-140M	100	100	140	-	7.66

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PSC
PRODUCT

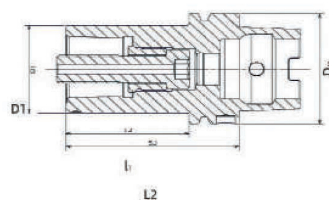


Main spare parts (M)

PSC size 	Threaded sleeve 	Pull stud 	Key 
PSC32	SRLM1815155123	SCFM1215D16050	241.080.00
PSC40	SRLM2215175143	SCFM1415D19057	241.080.00
PSC50	SRLM2515200163	SCFM1615D22069	241.100.00
PSC63	SRLM3015240203	SCFM2020D27087	241.140.00
PSC80	SRLM3015240203	SCFM2020D27087	241.140.00
PSC100	SRLM4820360244	SCFM2420D36130	241.170.00

• The spare parts can be ordered separately. Please inquire on demand

HSK Type PSC Adaptor



Technical parameters

Unit: mm

Ordering code	D1	L2	L1	Dm	重量 m (kg)
HSK50A-PSC32-075M	32	75	49	50	0.67
HSK50A-PSC40-080M	40	80	54	50	0.85
HSK63A-PSC32-075M	32	75	49	63	0.97
HSK63A-PSC40-080M	40	80	54	63	1.14
HSK63A-PSC50-090M	50	90	64	63	1.47
HSK80A-PSC40-090M	40	90	64	80	1.69
HSK80A-PSC50-095M	50	95	69	80	2.02
HSK80A-PSC63-110M	63	110	84	80	2.79
HSK100A-PSC32-080M	32	80	43	100	2.42
HSK100A-PSC40-090M	40	90	61	100	2.63
HSK100A-PSC50-100M	50	100	71	100	3.02
HSK100A-PSC63-110M	63	110	81	100	3.7
HSK100A-PSC80-120M	80	120	91	100	4.87
HSK100A-PSC100-155M	100	155	-	100	7.64

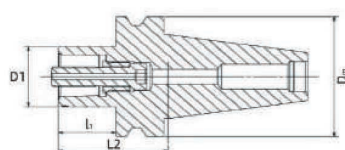
Main spare parts

PSC size 	Threaded sleeve 	Pull stud 	Key 
PSC32	SRLM1815155123	SCFM1215D16050	241.080.00
PSC40	SRLM2215175143	SCFM1415D19057	241.080.00
PSC50	SRLM2515200163	SCFM1615D22069	241.100.00
PSC63	SRLM2515200163	SCFM2020D27087	241.140.00
PSC80	SRLM3015240203	SCFM2020D27087	241.140.00
PSC100	SRLM4820360244	SCFM2420D36130	241.170.00

• The spare parts can be ordered separately. Please inquire on demand

BT 系列 PSC 系列

BT with Type PSC Adaptor



Technical parameters

Unit: mm

Ordering code	D1	L2	L1	Dm	m (kg)
BT30-PSC32-030M	32	30	8	46	0.42
BT30-PSC32-060M	32	60	38	46	0.58
BT30-PSC40-060M	40	60	38	46	0.67
BT40-PSC32-030M	32	30	3	63	1
BT40-PSC32-060M	32	60	33	63	0.99
BT40-PSC40-030M	40	30	3	63	0.95
BT40-PSC40-060M	40	60	33	63	1.21
BT40-PSC50-030M	50	30	3	63	3.56
BT40-PSC50-070M	50	70	43	63	4.09
BT40-PSC63-075M	63	75	48	63	1.75
BT50-PSC32-040M	32	40	2	100	3.72
BT50-PSC32-070M	32	70	32	100	3.82
BT50-PSC40-040M	40	40	2	100	3.72
BT50-PSC40-070M	40	70	32	100	3.9
BT50-PSC50-040M	50	40	2	100	3.59
BT50-PSC50-080M	50	80	42	100	4.13
BT50-PSC63-040M	63	40	2	100	3.61
BT50-PSC63-090M	63	90	52	100	4.71
BT50-PSC80-070M	80	70	32	100	4.16
BT50-PSC80-120M	80	120	82	100	6.02

see next page →

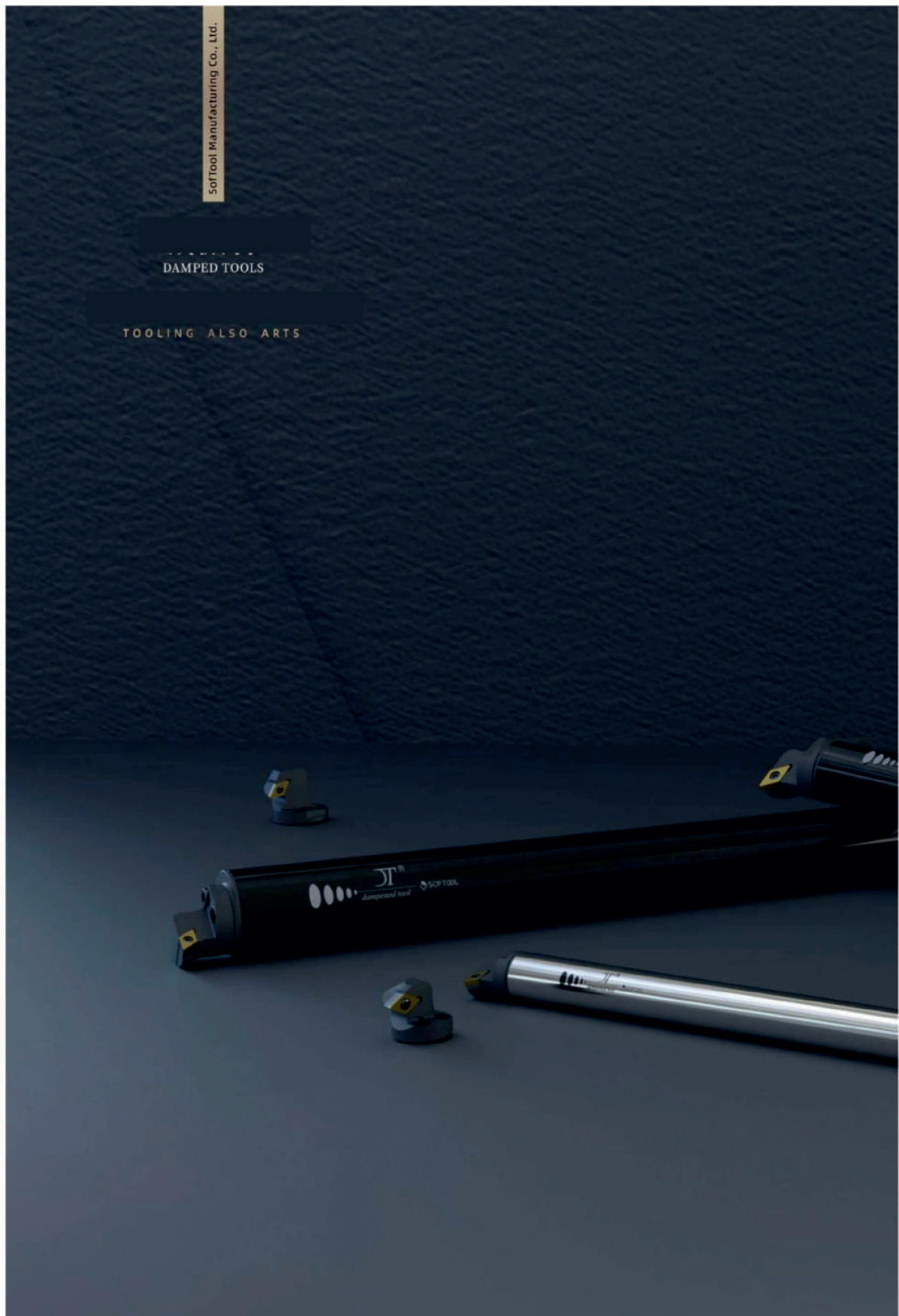
BT PSC 扳手

BT with Type PSC Adaptor

Main spare parts

PSC size 	Threaded sleeve 	Pull stud 	Key 
PSC32	SRLM1815155123	SCFM1215D16050	241.080.00
PSC40	SRLM2215175143	SCFM1415D19057	241.080.00
PSC50	SRLM2515200163	SCFM1615D22069	241.100.00
PSC63	SRLM2515200163	SCFM2020D27087	241.140.00
PSC80	SRLM3015240203	SCFM2020D27087	241.140.00

• The spare parts can be ordered separately. Please inquire on demand



Damped Tools
Contents



Damped Tools

464-473

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CY-SRDT Series	466
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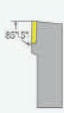
Cutting Head with Serrated Type Coupling Naming And Coding Rules

SR	-	S	D	U	C	R	-	16	-	07	-	F
01		02	03	04	05	06		07		08		09

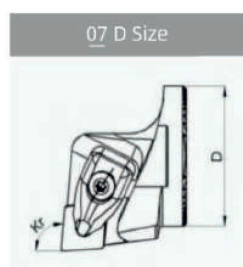
01	Serrated Type Coupling
SR	

02	Clamping
D	Platen
P	Hook
S	Screw

06	Direction of Tool
L	Left
R	Right
N	Null

04 Kr			
D		K	
H		L	
J		N	
X		V	

03	Shape	05	Angle
CC	DC	RC	VB
CN	DC	RC	VN
CN	DN	SN	WN
CN	DN	SN	WN
			TN



08	Insert
DC07	
DC11	
CN12	

09	Back Boring
F	

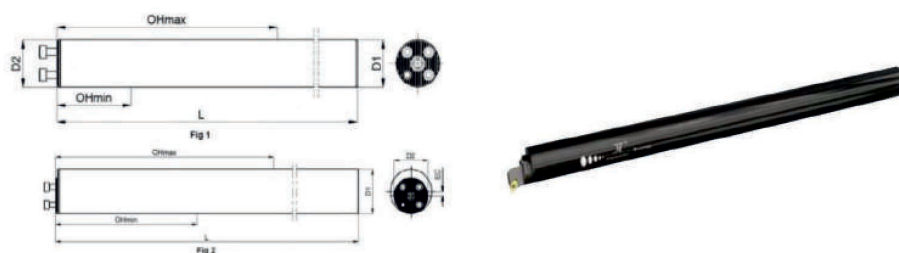
Damping Turning Bar with Serrated Type Coupling Naming And Coding Rules

SR DT - 16 - 156 - CR 40

01 02 03 04 05 06

01	Serrated Type Coupling	02	Damped Tool
	SR		DT
03	Coupling Diameter	04	Bar Length
	16		156
05	Work material	06	Cutting Head Connection Diameter
	CR		40

CY-SRDT Series



Technical parameters

Unit: mm

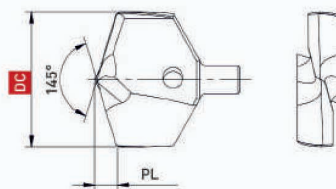
Ordering Code	Fig	D1	D2	OHmin	OHmax	L	EC	ST	KG
SRDT-16-156	1	16	16	55	92	156	0	G1/8-28	0.2
SRDT-20-200	1	20	20	70	120	200	0	G1/4-19	0.4
SRDT-25-255	1	25	25	88	158	255	0	G1/4-19	0.9
SRDT-25-330	1	25	25	155	230	330	0	G1/4-19	1.2
SRDT-32-320	1	32	32	100	192	320	0	G3/8-19	1.9
SRDT-32-416	1	32	32	192	288	416	0	G3/8-19	2.6
SRDT-40-408	1	40	40	128	248	408	0	G1/2-14	3.5
SRDT-40-528	1	40	40	248	368	528	0	G1/2-14	5.1
SRDT-50-518-40	2	50	40	168	318	518	5	G1/2-14	7.3
SRDT-50-668-40	2	50	40	318	468	668	5	G1/2-14	9.3
SRDT-60-628-40	2	60	40	208	388	628	10	G3/4-14	12.7
SRDT-60-808-40	2	60	40	388	568	808	10	G3/4-14	16.5

Accessory

D2	Screw	Key(Screw)
16	113.030.10	241.025.56
20	113.035.10	241.030.63
25	113.040.12	241.030.63
32	113.050.12	241.040.70
40	113.060.12	241.050.80

- The insert need to be ordered separately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

S10-CMA CARBIDE INSERT OF SPEED DRILL



02

- Diameter range: 10.0 ~ 39.99mm;
- Triple Positioning structure to improve drilling stability;
- Drilling accuracy: IT9 ~ IT10;
- CS drill tip;
- Special for stainless steel.



[Unit]: mm

INSERT MODEL	SIZE		INVENTORY	MATCHING HOLDER MODEL	INSERT MODEL	SIZE		INVENTORY	MATCHING HOLDER MODEL
	DC (kT)	PL				DC (kT)	PL		
S10-CMA-1500	15.00	2.7	▲	S10-G1500-03L20 S10-G1500-05L20 S10-G1500-08L20	S10-CMA-1750	17.50	3.1	▲	S10-G1700-03L20 S10-G1700-05L20 S10-G1700-08L20
S10-CMA-1510	15.10	2.7	△		S10-CMA-1760	17.60	3.1	△	
S10-CMA-1520	15.20	2.7	△		S10-CMA-1770	17.70	3.1	△	
S10-CMA-1530	15.30	2.7	△		S10-CMA-1780	17.80	3.2	△	
S10-CMA-1540	15.40	2.7	△		S10-CMA-1790	17.90	3.2	△	
S10-CMA-1550	15.50	2.7	▲	S10-G1500-03L20 S10-G1500-05L20 S10-G1500-08L20	S10-CMA-1800	18.00	3.2	▲	S10-G1800-03L25 S10-G1800-05L25 S10-G1800-08L25
S10-CMA-1560	15.60	2.8	△		S10-CMA-1810	18.10	3.2	△	
S10-CMA-1570	15.70	2.8	△		S10-CMA-1820	18.20	3.2	△	
S10-CMA-1580	15.80	2.8	△		S10-CMA-1830	18.30	3.2	△	
S10-CMA-1590	15.90	2.8	△		S10-CMA-1840	18.40	3.3	△	
S10-CMA-1600	16.00	2.8	▲	S10-G1600-03L20 S10-G1600-05L20 S10-G1600-08L20	S10-CMA-1850	18.50	3.3	▲	S10-G1800-03L25 S10-G1800-05L25 S10-G1800-08L25
S10-CMA-1610	16.10	2.9	△		S10-CMA-1860	18.60	3.3	△	
S10-CMA-1620	16.20	2.9	△		S10-CMA-1870	18.70	3.3	△	
S10-CMA-1630	16.30	2.9	△		S10-CMA-1880	18.80	3.3	△	
S10-CMA-1640	16.40	2.9	△		S10-CMA-1890	18.90	3.4	△	
S10-CMA-1650	16.50	2.9	▲	S10-G1600-03L20 S10-G1600-05L20 S10-G1600-08L20	S10-CMA-1900	19.00	3.4	▲	S10-G1900-03L25 S10-G1900-05L25 S10-G1900-08L25
S10-CMA-1660	16.60	2.9	△		S10-CMA-1910	19.10	3.4	△	
S10-CMA-1670	16.70	3.0	△		S10-CMA-1920	19.20	3.4	△	
S10-CMA-1680	16.80	3.0	△		S10-CMA-1930	19.30	3.4	▲	
S10-CMA-1690	16.90	3.0	△		S10-CMA-1940	19.40	3.4	△	
S10-CMA-1700	17.00	3.0	▲	S10-G1700-03L20 S10-G1700-05L20 S10-G1700-08L20	S10-CMA-1950	19.50	3.5	▲	S10-G1900-03L25 S10-G1900-05L25 S10-G1900-08L25
S10-CMA-1710	17.10	3.0	△		S10-CMA-1960	19.60	3.5	△	
S10-CMA-1720	17.20	3.0	△		S10-CMA-1970	19.70	3.5	△	
S10-CMA-1730	17.30	3.1	△		S10-CMA-1980	19.80	3.5	△	
S10-CMA-1740	17.40	3.1	△		S10-CMA-1990	19.90	3.5	△	

▲ YES △ NO

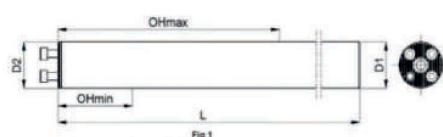
APPLICABLE TABLE OF PROCESSED MATERIALS

ISO	P	P	P	P	M	K	K	N	N	N	S	S	H	H
WORKPIECE MATERIAL	MILD STEEL	STRUCTURAL STEEL	ALLOY STEEL	TOOL STEEL	STAINLESS STEEL	CAST IRON	MALLEABLE CAST IRON	ALUMINUM ALLOY	CAST ALUMINUM ALLOY	COPPER ALLOY	SUPER ALLOY	TITANIUM ALLOY	HARDENED STEEL	HARDENED STEEL
	<500N	<750N	<1400N	<1100N	<900N	<750N	<1100N	Si<12%	Si<12%	<750N	<1100N	<1100N	<1400N	<1600N
CMA		○	○	○	●	○	○	○	○	○	○	○		

● VERY SUITABLE ○ SUITABLE

Vc P131 P88

CY-SRDT-CR Series



Technical parameters

Unit: mm

Ordering Code	Fig	D1	D2	OHmin	OHmax	L	KG
SRDT-16-204-CR	1	16	16	96	140	204	0.4
SRDT-20-260-CR	1	20	20	120	180	260	0.8

Accessory

D2	Screw	Key(Screw)
16	113.030.10	241.025.56
20	113.035.10	241.030.63

- The insert need to be ordered separately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

SR-CN-D Series



Technical parameters

Unit: mm

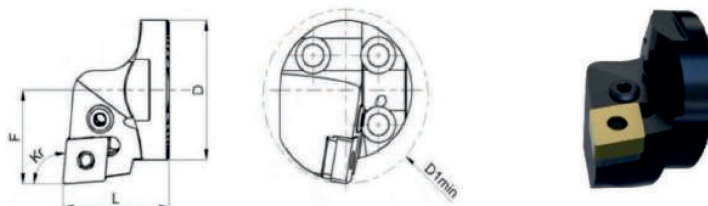
Ordering Code	D	D1min	F	L	Kr	Kg	Insert
SR-DCLNR-32-12	32	40	22	38	95°	0.18	CN..120408
SR-DCLNL-32-12	32	40	22	38	95°	0.18	CN..120408
SR-DCLNR-40-12	40	50	27	38	95°	0.23	CN..120408
SR-DCLNL-40-12	40	50	27	38	95°	0.23	CN..120408

Accessory

Product ID	Shim Screw	Shim	Key	Complete Clamp Set	Positioning Tube
SR-DCLNR-32-12	SFS 4085	322.236.03	248.150.10	412.028.021	552.058.02
SR-DCLNL-32-12	SFS 4085	322.236.03	248.150.10	412.028.021	552.058.02
SR-DCLNR-40-12	SFS 4085	322.236.03	248.150.10	412.028.021	552.058.02
SR-DCLNL-40-12	SFS 4085	322.236.03	248.150.10	412.028.021	552.058.02

- The insert need to be ordered separately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

SR-CN-P Series



Technical parameters

Unit: mm

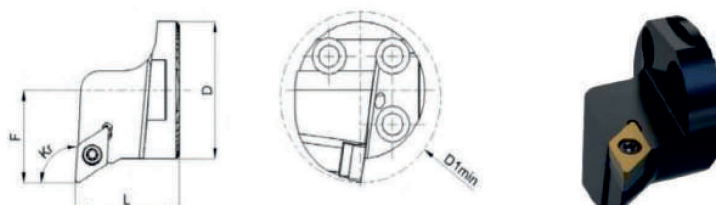
Ordering Code	D	D1min	F	L	Kr	Kg	刀片 Insert
SR-PCLNR-32-12	32	40	22	32	95°	0.14	CN..120408
SR-PCLNL-32-12	32	40	22	32	95°	0.14	CN..120408
SR-PCLNR-40-12	40	50	27	32	95°	0.18	CN..120408
SR-PCLNL-40-12	40	50	27	32	95°	0.18	CN..120408

Accessory

Product ID	Lever	Screw	Key	Shim	Positioning Tube
SR-PCLNR-32-12	413.438.48	414.438.58	241.030.63	322.318.50	552.058.02
SR-PCLNL-32-12	413.438.48	414.438.58	241.030.63	322.318.50	552.058.02
SR-PCLNR-40-12	413.438.41	414.438.21	241.030.63	322.318.50	552.058.02
SR-PCLNL-40-12	413.438.41	414.438.21	241.030.63	322.318.50	552.058.02

- The Insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

SR-DC-S Series



Technical parameters

Unit: mm

Ordering Code	D	D1min	F	L	Kr	Kg	Insert
SR-SDUCR-16-07	16	20	11	20	93°	0.03	DC..070204
SR-SDUCL-16-07	16	20	11	20	93°	0.03	DC..070204
SR-SDUCR-20-11	20	25	13	20	93°	0.05	DC..11T308
SR-SDUCL-20-11	20	25	13	20	93°	0.05	DC..11T308
SR-SDUCR-25-11	25	32	17	20	93°	0.07	DC..11T308
SR-SDUCL-25-11	25	32	17	20	93°	0.07	DC..11T308
SR-SDUCR-32-11	32	40	22	32	93°	0.13	DC..11T308
SR-SDUCL-32-11	32	40	22	32	93°	0.13	DC..11T308
SR-SDUCR-40-11	40	50	27	32	93°	0.2	DC..11T308
SR-SDUCL-40-11	40	50	27	32	93°	0.2	DC..11T308

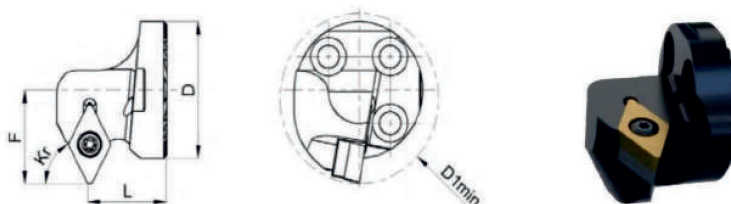
Accessory

Product ID	Insert Screw	KEY(Insert)	Shim	Shim screw	KEY(Shim)	Positioning Tube
SR-SDUCR-16-07	SFS 2565	242.070.35	-	-	-	552.058.01
SR-SDUCL-16-07	SFS 2565	242.070.35	-	-	-	552.058.01
SR-SDUCR-20-11	SFS 3581	248.150.10	-	-	-	552.058.02
SR-SDUCL-20-11	SFS 3581	248.150.10	-	-	-	552.058.02
SR-SDUCR-25-11	ILD 3510	248.150.10	-	-	-	552.058.02
SR-SDUCL-25-11	ILD 3510	248.150.10	-	-	-	552.058.02
SR-SDUCR-32-11	SFS 3512	248.150.10	322.263.01	512.090.01	241.035.65	552.058.02
SR-SDUCL-32-11	SFS 3512	248.150.10	322.263.01	512.090.01	241.035.65	552.058.02
SR-SDUCR-40-11	SFS 3512	248.150.10	322.263.01	512.090.01	241.035.65	552.058.02
SR-SDUCL-40-11	SFS 3512	248.150.10	322.263.01	512.090.01	241.035.65	552.058.02

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

十刃大SR-DC系列

SR-DC-S Series



Technical parameters

Unit: mm

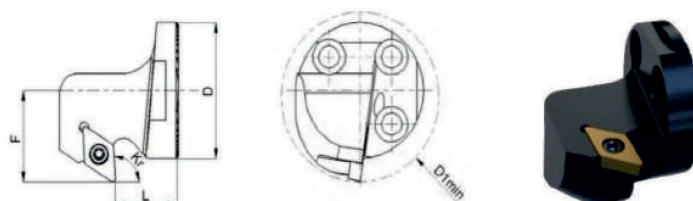
Ordering Code	D	D1min	F	L	L1	Kr	Kg	Insert
SR-SDXCR-16-07	16	22	13	15	19.5	62.5°	0.03	DC..070204
SR-SDXCL-16-07	16	22	13	15	19.5	62.5°	0.03	DC..070204
SR-SDXCR-20-07	20	27	15	15	19.5	62.5°	0.04	DC..070204
SR-SDXCL-20-07	20	27	15	15	19.5	62.5°	0.04	DC..070204
SR-SDXCR-25-07	25	33	18	15	19.5	62.5°	0.06	DC..070204
SR-SDXCL-25-07	25	33	18	15	19.5	62.5°	0.06	DC..070204
SR-SDXCR-32-11	32	40	22	20	28	62.5°	0.12	DC..11T308
SR-SDXCL-32-11	32	40	22	20	28	62.5°	0.12	DC..11T308
SR-SDXCR-40-11	40	50	27	20	28	62.5°	0.18	DC..11T308
SR-SDXCL-40-11	40	50	27	20	28	62.5°	0.18	DC..11T308

Accessory

Product ID	Insert Screw	KEY(Insert)	Shim	Shim screw	KEY(Shim)	Positioning Tube
SR-SDXCR-16-07	SFS 2565	242.070.35	-	-	-	552.058.01
SR-SDXCL-16-07	SFS 2565	242.070.35	-	-	-	552.058.01
SR-SDXCR-20-07	SFS 2565	242.070.35	-	-	-	552.058.02
SR-SDXCL-20-07	SFS 2565	242.070.35	-	-	-	552.058.02
SR-SDXCR-25-07	SFS 2565	242.070.35	-	-	-	552.058.02
SR-SDXCL-25-07	SFS 2565	242.070.35	-	-	-	552.058.02
SR-SDXCR-32-11	SFS 3512	248.150.10	322.263.01	512.090.01	241.035.65	552.058.02
SR-SDXCL-32-11	SFS 3512	248.150.10	322.263.01	512.090.01	241.035.65	552.058.02
SR-SDXCR-40-11	SFS 3512	248.150.10	322.263.01	512.090.01	241.035.65	552.058.02
SR-SDXCL-40-11	SFS 3512	248.150.10	322.263.01	512.090.01	241.035.65	552.058.02

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

SR-DC-S Series



Technical parameters

Unit: mm

Ordering Code	D	D1min	F	L	L1	Kr	Kg	Insert
SR-SDUCR-16-07-F	16	22	13	15	26.5	93°	0.03	DC..070204
SR-SDUCL-16-07-F	16	22	13	15	26.5	93°	0.03	DC..070204
SR-SDUCR-20-07-F	20	27	15	15	26.5	93°	0.05	DC..070204
SR-SDUCL-20-07-F	20	27	15	15	26.5	93°	0.05	DC..070204
SR-SDUCR-25-07-F	25	33	18	15	26.5	93°	0.06	DC..070204
SR-SDUCL-25-07-F	25	33	18	15	26.5	93°	0.06	DC..070204
SR-SDUCR-32-11-F	32	40	22	20	38	93°	0.14	DC..11T308
SR-SDUCL-32-11-F	32	40	22	20	38	93°	0.14	DC..11T308
SR-SDUCR-40-11-F	40	50	27	20	38	93°	0.22	DC..11T308
SR-SDUCL-40-11-F	40	50	27	20	38	93°	0.22	DC..11T308

Accessory

Product ID	Insert Screw	KEY(Insert)	Shim	Shim screw	KEY(Shim)	Positioning Tube
SR-SDUCR-16-07-F	SFS 2565	242.070.35	-	-	-	552.058.01
SR-SDUCL-16-07-F	SFS 2565	242.070.35	-	-	-	552.058.01
SR-SDUCR-20-07-F	SFS 2565	242.070.35	-	-	-	552.058.02
SR-SDUCL-20-07-F	SFS 2565	242.070.35	-	-	-	552.058.02
SR-SDUCR-25-07-F	SFS 2565	242.070.35	-	-	-	552.058.02
SR-SDUCL-25-07-F	SFS 2565	242.070.35	-	-	-	552.058.02
SR-SDUCR-32-11-F	SFS 3512	248.150.10	322.263.01	512.090.01	241.035.65	552.058.02
SR-SDUCL-32-11-F	SFS 3512	248.150.10	322.263.01	512.090.01	241.035.65	552.058.02
SR-SDUCR-40-11-F	SFS 3512	248.150.10	322.263.01	512.090.01	241.035.65	552.058.02
SR-SDUCL-40-11-F	SFS 3512	248.150.10	322.263.01	512.090.01	241.035.65	552.058.02

- The insert need to be ordered seperately. Other accessories are included in the order
- The sapare parts can be ordered separately. Please inquire on demand

N₁

Naming And Coding Rules

181

R

Rough-Boring BRA Series

182-193

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BRA-TC	BRA-TC Series Sliding Cartridge	188
BRA-SC	BRA-SC Series	190
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BRA 系列	BRA Series Adaptor	193

R

Rough-Boring BRB Series

194-221

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BRB-SC-S	BRB-SC-S Series	202
BRB-SC-S	BRB-SC-S Series Cartridge	204
BRB-CN-D	BRB-CN-D Series	205
BRB-CN-D	BRB-CN-D Series Cartridge	208
BRB-SN-D	BRB-SN-D Series	209
BRB-SN-D	BRB-SN-D Series Cartridge	211
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BRB	BRB Series Slide	221



POURING
TOOLS

F

Fine-Boring BFI Series

222-239

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BFI	BFI Series Cartridge	232
BFI	BFI Series Extended Washer Assembly	234
BFI-Min	BFI-Min Series	235
BFI-Min	BFI-Min series Adaptor	236
BFI-Min	BFI-Min series Cartridge	237
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F

Fine-Boring BFB Series

240-249

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BFB	BFB Series Slide(CW)	246
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F

Fine-Boring BFH Series

250-259

BFH	BFH Series	252
	Jacket	253
	Side-clamped Connection Rod	254
	Boring Bar	255
	Boring Head	257

D

Digital Display Fine-Boring BFD-I Series

260-273

BFD-I	BFD-I Series	262
BFD-I	BFD-I Series Adaptor	269
BFD-I	BFD-I Series Cartridge	270
BFD-I	BFD-I Series Extended Washer Assembly	272



SOFTCUT
BORING
TOOLS

D

Digital Display Fine-Boring BFD-B Series

274-283

BFD-B	BFD-B Series	276
BFD-B	BFD-B Series Slide	280
BFD-B	BFD-B Series Slide(CW)	281
BFD-B	BFD-B Series Adaptor	282
BFD-B	BFD-B Series Counter-Weight	283

D

Digital Display Fine-Boring BFD-H Series

284-293

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	Jacket	288
	Side-clamped Connection Rod	289
	Boring Bar	290
	Boring Head	292

F

Fine-Boring BFG Series

294-299

BFG-TC	BFG-TC Series	296
BFG	BFG Series Cartridge	298

B

Boring Tool Adaptor & Holder

300-319

	Naming And Coding Rules	302
CK	CK Connection with PSC Adaptor	303
CK	CK Connection with HSK Adaptor	305
CK	CK Connection with BT Adaptor	307
CK	CK Connection with SK Adaptor	309
CK	Extension with CK Adaptor	311
CK	Reduction with CK Adaptor	312
	Arbor Connection with BT Adaptor	313
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BORING
TOOLS



BFD	-	070085	-	CC12	-	S	-	A32A	-	EW
01		02		03		04		05		06

01	Boring Tools Type
BRA	I A Series Rough Boring Tools
BRB	B Series Rough Boring Tools
BFI	I Series Fine Boring Tools
BFB	B Series Fine Boring Tools
BFH	H Series Fine Boring Tools
BFD	D Series Fine Boring Tools
BFG	G Series Fine Boring Tools

02		Processing Range			
BRA	BRB	BFI	BFB	BFH	BFD
025035	160215	020025	160230	10	025032
035045	215270	025032	215285	12	032042
045055	270350	032042	270365	16	042055
055070	350430	042055	350445		055070
070085	430510	055070	430525		070100
085105		070100			100160
105130		100160			
130160					

03		Insert	
CC06	CN12	SC09	TC06
CC09	CN16	SC12	TC09
CC12	CN19	SN12	TC11
TP08	TB06	SN15	TC16
TP09			TC22

04	Clamping
D	Platen
P	Hook
S	Screw

05	Coupling Type
CKB1	A22A
CKB2	A32A
CKB3	A40C
CKB4	A60C
CKB5	
CKB6	
CKB7	

06 EW 数显
6

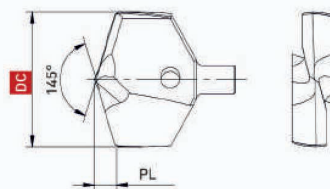
- Note: Boring tool head with CKB interface can match boring tool connection CK series. Their interface specifications are consistent

S10-CMA CARBIDE INSERT OF SPEED DRILL

02



- Diameter range: 10.0 ~ 39.99mm;
- Triple Positioning structure to improve drilling stability;
- Drilling accuracy: IT9 ~ IT10;
- CS drill tip;
- Special for stainless steel.



(Unit): mm

INSERT MODEL	SIZE		INVENTORY	MATCHING HOLDER MODEL	INSERT MODEL	SIZE		INVENTORY	MATCHING HOLDER MODEL
	DC [k7]	PL				DC [k7]	PL		
S10-CMA-2000	20.00	3.5	▲	S10-G2000-03L25 S10-G2000-05L25 S10-G2000-08L25	S10-CMA-2250	22.50	4.0	▲	S10-G2200-03L25 S10-G2200-05L25 S10-G2200-08L25
S10-CMA-2010	20.10	3.6	△		S10-CMA-2260	22.60	4.0	△	
S10-CMA-2020	20.20	3.6	△		S10-CMA-2270	22.70	4.0	△	
S10-CMA-2030	20.30	3.6	△		S10-CMA-2280	22.80	4.0	△	
S10-CMA-2040	20.40	3.6	△		S10-CMA-2290	22.90	4.1	△	
S10-CMA-2050	20.50	3.6	▲	S10-G2000-03L25 S10-G2000-05L25 S10-G2000-08L25	S10-CMA-2300	23.00	4.1	▲	S10-G2300-03L25 S10-G2300-05L25 S10-G2300-08L25
S10-CMA-2060	20.60	3.7	△		S10-CMA-2310	23.10	4.1	△	
S10-CMA-2070	20.70	3.7	△		S10-CMA-2320	23.20	4.1	△	
S10-CMA-2080	20.80	3.7	△		S10-CMA-2330	23.30	4.1	△	
S10-CMA-2090	20.90	3.7	△		S10-CMA-2340	23.40	4.1	△	
S10-CMA-2100	21.00	3.7	▲	S10-G2100-03L25 S10-G2100-05L25 S10-G2100-08L25	S10-CMA-2350	23.50	4.2	▲	S10-G2300-03L25 S10-G2300-05L25 S10-G2300-08L25
S10-CMA-2110	21.10	3.7	△		S10-CMA-2360	23.60	4.2	△	
S10-CMA-2120	21.20	3.8	△		S10-CMA-2370	23.70	4.2	△	
S10-CMA-2130	21.30	3.8	△		S10-CMA-2380	23.80	4.2	△	
S10-CMA-2140	21.40	3.8	△		S10-CMA-2390	23.90	4.2	△	
S10-CMA-2150	21.50	3.8	▲	S10-G2100-03L25 S10-G2100-05L25 S10-G2100-08L25	S10-CMA-2400	24.00	4.3	▲	S10-G2400-03L32 S10-G2400-05L32 S10-G2400-08L32
S10-CMA-2160	21.60	3.8	△		S10-CMA-2410	24.10	4.3	△	
S10-CMA-2170	21.70	3.8	△		S10-CMA-2420	24.20	4.3	△	
S10-CMA-2180	21.80	3.9	△		S10-CMA-2430	24.30	4.3	△	
S10-CMA-2190	21.90	3.9	△		S10-CMA-2440	24.40	4.3	△	
S10-CMA-2200	22.00	3.9	▲	S10-G2200-03L25 S10-G2200-05L25 S10-G2200-08L25	S10-CMA-2450	24.50	4.3	▲	S10-G2400-03L32 S10-G2400-05L32 S10-G2400-08L32
S10-CMA-2210	22.10	3.9	△		S10-CMA-2460	24.60	4.4	△	
S10-CMA-2220	22.20	3.9	△		S10-CMA-2470	24.70	4.4	△	
S10-CMA-2230	22.30	4.0	△		S10-CMA-2480	24.80	4.4	△	
S10-CMA-2240	22.40	4.0	△		S10-CMA-2490	24.90	4.4	△	

▲ YES △ NO

APPLICABLE TABLE OF PROCESSED MATERIALS

(ISO代码)	P	P	P	P	M	K	K	N	N	N	S	S	H	H
WORKPIECE MATERIAL	MILD STEEL	STRUCTURAL STEEL	ALLOY STEEL	TOOL STEEL	STAINLESS STEEL	CARBIDE	MALLEABLE CAST IRON	ALUMINUM ALLOY	CAST ALUMINUM ALLOYS	COPPER ALLOYS	SUPER ALLOYS	TITANIUM ALLOYS	HARDENED STEEL	HARDENED STEEL
	<500N	<750N	<1400N	<1100N	<900N	<750N	<1100N	Si<12%	Si<12%	<750N	<1100N	<1100N	<1400N	<1600N
CMA		○	○	○	●	○	○	○	○	○	○	○		

● VERY SUITABLE ○ SUITABLE

P89 Vc P131

ROUGH-BORING BRA SERIES

01

Apply to $\Phi 25$ - $\Phi 160$ mm aperture machining

02

Machining aperture tolerance ± 0.05 mm

NOVA CUT
BORING | 镗刀 | TOOL



03

Alloy steel tool body with special surface treatment improves the rigidity and wear resistance

04

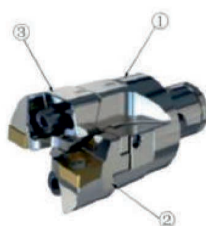
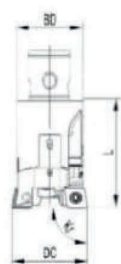
The sliding cartridge equipped with ISO inserts is with good market versatility



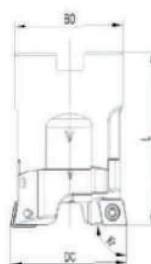
WORKING
TOOLS

BRA-CC 小径车刀

BRA-CC series



Type 1



Type 2

- Internal coolant supply
- CCMT CCGT CCGX CCET CCMW
- The insert is for illustration only

Technical parameters

Unit: mm

Ordering code	Boring Range(DC)			Dimension				Insert	Coupling	
	Min.	Max.	Adj.	L	BD	Kr	KG		Form	Type
BRA-025035-CC06-S-CKB2	25	35	5	35	22	90	0.10	CC.. 060204	CKB2	1
BRA-035045-CC09-S-CKB3	35	45	5	40	31	90	0.22	CC.. 09T308	CKB3	1
BRA-045055-CC09-S-A22A	45	55	5	65	42	90	0.47	CC.. 09T308	ARB-22A	2
BRA-055070-CC12-S-A22A	55	70	7.5	68	42	90	0.64	CC.. 120408	ARB-22A	2
BRA-070085-CC12-S-A32A	70	85	7.5	78	63	90	1.25	CC.. 120408	ARB-32A	2
BRA-085105-CC12-S-A32A	85	105	10	78	63	90	1.60	CC.. 120408	ARB-32A	2
BRA-105130-CC12-S-A32A	105	130	12.5	78	63	90	2.13	CC.. 120408	ARB-32A	2
BRA-130160-CC12-S-A32A	130	160	15	78	63	90	2.67	CC.. 120408	ARB-32A	2

Accessory

Product ID	①	②	③				
	Adapto	Sliding Cartridge A	Sliding Cartridge B	Key(Insert)	Key(Shim)	Key(Screw)	Key(Adj.)
BRA-025035-CC06-S-CKB2	BPRA-CKB2-025024	BPRA-SL-CC06-S-OA	BPRA-SL-CC06-S-OB	242.070.35	-	241.025.56	241.013.40
BRA-035045-CC09-S-CKB3	BPRA-CKB3-035026	BPRA-SL-CC09-S-PA	BPRA-SL-CC09-S-PB	248.150.10	-	241.030.63	246.015.60
BRA-045055-CC09-S-A22A	BPRA-A22A-045046	BPRA-SL-CC09-S-QA	BPRA-SL-CC09-S-QB	248.150.10	-	241.030.63	246.015.60
BRA-055070-CC12-S-A22A	BPRA-A22A-055046	BPRA-SL-CC12-S-RA	BPRA-SL-CC12-S-RB	248.150.10	-	241.040.70	246.020.60
BRA-070085-CC12-S-A32A	BPRA-A32A-070056	BPRA-SL-CC12-S-SA	BPRA-SL-CC12-S-SB	248.150.10	241.040.70	241.050.80	246.025.60
BRA-085105-CC12-S-A32A	BPRA-A32A-085056	BPRA-SL-CC12-S-TA	BPRA-SL-CC12-S-TB	248.150.10	241.040.70	241.060.90	246.030.60
BRA-105130-CC12-S-A32A	BPRA-A32A-105056	BPRA-SL-CC12-S-UA	BPRA-SL-CC12-S-UB	248.150.10	241.040.70	241.060.90	246.030.60
BRA-130160-CC12-S-A32A	BPRA-A32A-130056	BPRA-SL-CC12-S-VA	BPRA-SL-CC12-S-VB	248.150.10	241.040.70	241.060.90	246.030.60

- The spare parts can be ordered separately. Please inquire on demand
- Please refer to P191 for BRA series Adaptor