



Signature Series Mini Boring System With Anti-Vibration Technology

www.genswiss.com · sales@genswiss.com · (413) 562-4800

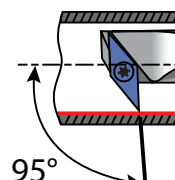
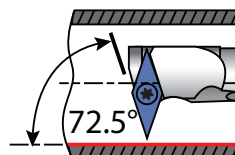
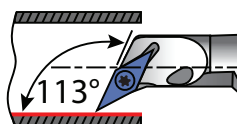
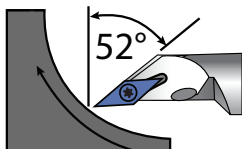
**Solid Carbide Tool Shanks
with Indexable Inserts**

Coolant-thru Bushings

Coolant Fittings & Accessories

**Down to Min bore diameter
.189 inch (4.8 mm)**

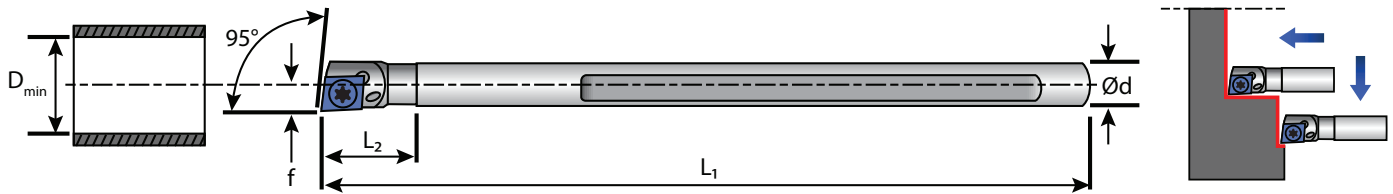
Holders Are Available With Various Cutting Angles



Signature Series Mini Boring System

Internal Turning Tools

Material: Carbide



SCLDL (95°)

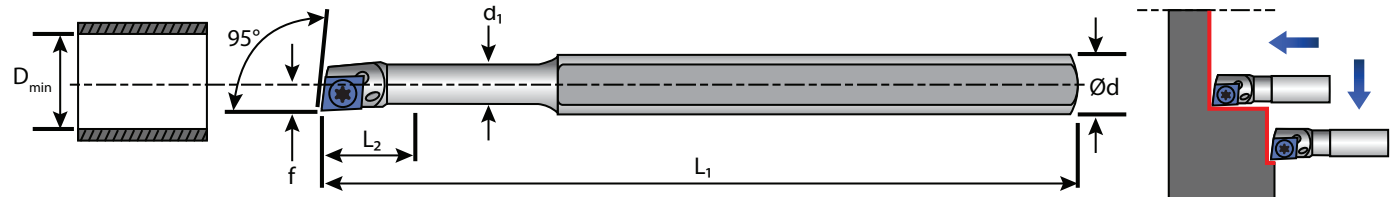
Ø 4-6mm Shanks

Left Hand Item No.	Description	d	L ₁	L ₂	f	D _{min}	Insert	Screw	Key
Call for details	CB0400F SCLDL 04	4	80	-	2.4	4.8	CDGT 0401	BFTX1804	T6
Call for details	CB0500F SCLDL 04	5	80	-	2.9	5.8	CDGT 0401	BFTX1804	T6
Call for details	CB0600G SCLDL 04	6	95	-	3.4	6.8	CDGT 0401	BFTX1804	T6

SCLDR (95°)

Ø 4-6mm Shanks

Right Hand Item No.	Description	d	L ₁	L ₂	f	D _{min}	Insert	Screw	Key
1200-000001	CB0400F SCLDR04	4	80	-	2.4	4.8	CDGT 0401	BFTX1804	T6
1200-000002	CB0500F SCLDR04	5	80	-	2.9	5.8	CDGT 0401	BFTX1804	T6
1200-000003	CB0600G SCLDR04	6	95	-	3.4	6.8	CDGT 0401	BFTX1804	T6



SCLDL (95°)

Ø 8mm Shanks

Left Hand Item No.	Description	d	d ₁	L ₁	L ₂	f	D _{min}	Insert	Screw	Key
Call for details	CB0408H SCLDL 04	8	4	100	24	2.4	4.8	CDGT 0401	BFTX1804	T6
Call for details	CB0508H SCLDL 04	8	5	100	30	2.9	5.8	CDGT 0401	BFTX1804	T6
Call for details	CB0608H SCLDL 04	8	6	100	36	3.4	6.8	CDGT 0401	BFTX1804	T6

SCLDR (95°)

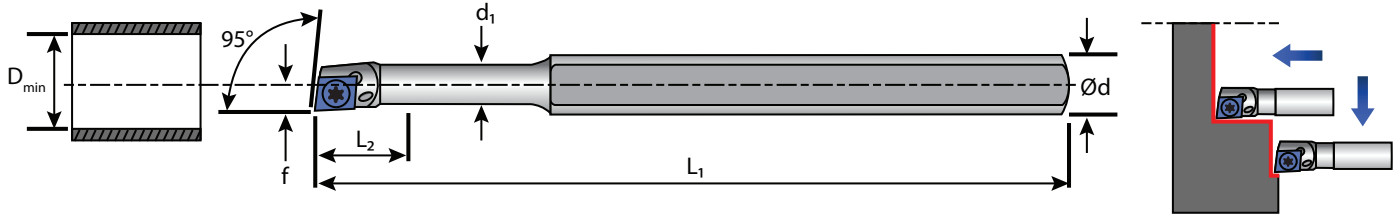
Ø 8mm Shanks

Right Hand Item No.	Description	d	d ₁	L ₁	L ₂	f	D _{min}	Insert	Screw	Key
1200-000004	CB0408H SCLDR 04	8	4	100	24	2.4	4.8	CDGT 0401	BFTX1804	T6
1200-000005	CB0508H SCLDR 04	8	5	100	30	2.9	5.8	CDGT 0401	BFTX1804	T6
1200-000006	CB0608H SCLDR 04	8	6	100	36	3.4	6.8	CDGT 0401	BFTX1804	T6

Signature Series Mini Boring System

Internal Turning Tools

Material: Carbide



SCUPL (95°)

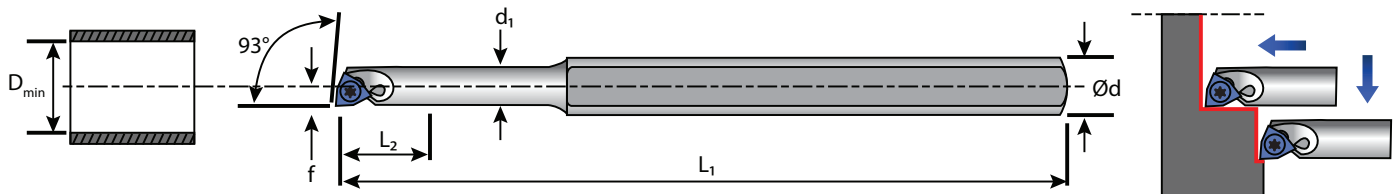
Ø 8-16mm Shanks

Left Hand Item No.	Description	d	d ₁	L ₁	L ₂	f	D _{min}	Insert	Screw	Key
Call for details	CB0608H SCUPL 05	8	6	100	28	4.5	8	CPMT 05T1/CPGT 05T1	BTFX 02204	T7
Call for details	CB0810J SCUPL 05	10	8	110	36	6	11	CPMT 05T1/CPGT 05T1	BTFX 02204	T7
Call for details	CB1012K SCUPL 05	12	10	125	44	7	13	CPMT 05T1/CPGT 05T1	BTFX 02205	T7
Call for details	CB1216M SCUPL 05	16	12	150	55	9	16	CPMT 05T1/CPGT 05T1	BTFX 02206	T7

SCUPR (95°)

Ø 8-16mm Shanks

Right Hand Item No.	Description	d	d ₁	L ₁	L ₂	f	D _{min}	Insert	Screw	Key
1200-000007	CB0608H SCUPR 05	8	6	100	28	4.5	8	CPMT 05T1/CPGT 05T1	BTFX 02204	T7
1200-000008	CB0810J SCUPR 05	10	8	110	36	6	11	CPMT 05T1/CPGT 05T1	BTFX 02204	T7
1200-000009	CB1012K SCUPR 05	12	10	125	44	7	13	CPMT 05T1/CPGT 05T1	BTFX 02205	T7
Call for details	CB1216M SCUPR05	16	12	150	55	9	16	CPMT 05T1/CPGT 05T1	BTFX 02206	T7



SWUCL (93°)

Ø 8mm Shanks

Left Handed Item No.	Description	d	d ₁	L ₁	L ₂	f	D _{min}	Insert	Screw	Key
Call for details	CB0508H SWUCL 02	8	5	100	24	2.9	5.8	WCMT 0201/WCGT 0201	BFTX 02035	T6
Call for details	CB0608H SWUCL 02	8	6	100	32	3.9	7.8	WCMT 0201/WCGT 0201	BFTX 02035	T6

SWUCR (93°)

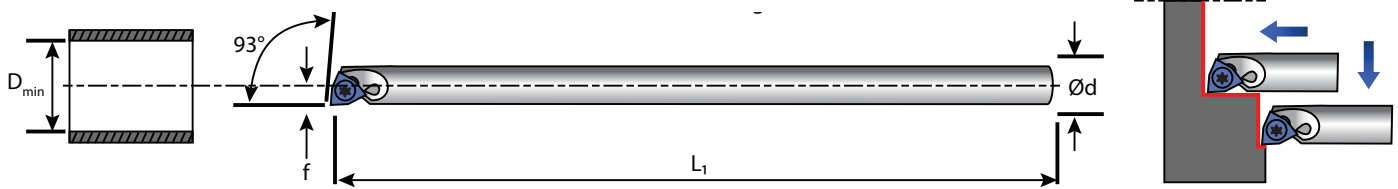
Ø 8mm Shanks

Right Handed Item No.	Description	d	d ₁	L ₁	L ₂	f	D _{min}	Insert	Screw	Key
Call for details	CB0508H SWUCR 02	8	5	100	24	2.9	5.8	WCMT 0201/WCGT 0201	BFTX 02035	T6
1200-000010	CB0608H SWUCR 02	8	6	100	32	3.9	7.8	WCMT 0201/WCGT 0201	BFTX 02035	T6

Signature Series Mini Boring System

Internal Turning Tools

Material: Carbide



SWUCL (93°)

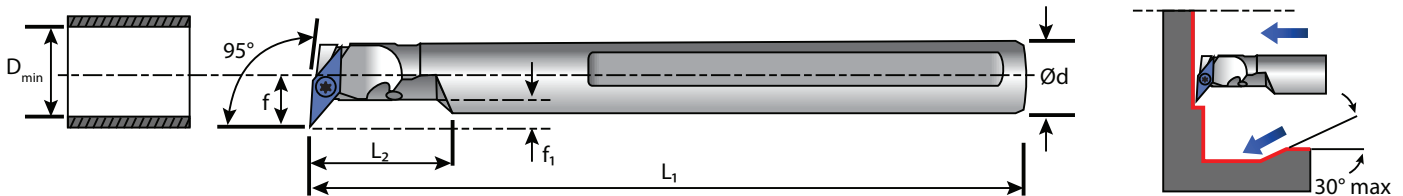
Ø 5-6mm Shanks

Left Handed Item No.	Description	d	L ₁	L ₂	f	D _{min}	Insert	Screw	Key
Call for details	CB0500F SWUCL 02	5	85	-	2.9	5.8	WCMT 0201/WCGT 0201	BFTX 02035	T6
Call for details	CB0600G SWUCL 02	6	95	-	3.9	5.8	WCMT 0201/WCGT 0201	BFTX 02035	T6

SWUCR (93°)

Ø 5-6mm Shanks

Right Handed Item No.	Description	d	L ₁	L ₂	f	D _{min}	Insert	Screw	Key
Call for details	CB0500F SWUCR 02	5	85	-	2.9	5.8	WCMT 0201/WCGT 0201	BFTX 02035	T6
Call for details	CB0600G SWUCR 02	6	95	-	3.9	5.8	WCMT 0201/WCGT 0201	BFTX 02035	T6



SVLCL (95°)

Ø 10-16mm Shanks

Left Handed Item No.	Description	d	L ₁	L ₂	f	f ₁	D _{min}	Insert	Screw	Key
Call for details	CB1000H SVLCL 07	10	100	32	7	5	12.5	VCMT 0702/VCGT 0702	BFTX0205	T6
Call for details	CB1200K SVLCL 07	12	125	40	9	6	15.5	VCMT 0702/VCGT 0702	BFTX0205	T6
Call for details	CB1600M SVLCL 07	16	150	55	11	5	19.5	VCMT 0702/VCGT 0702	BFTX0205	T6

SVLCR (95°)

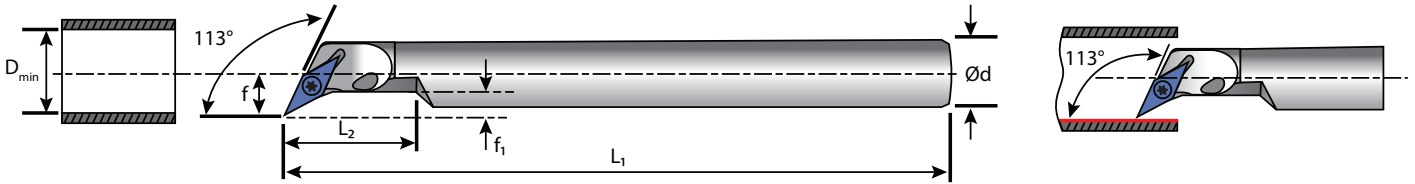
Ø 10-16mm Shanks

Right Handed Item No.	Description	d	L ₁	L ₂	f	f ₁	D _{min}	Insert	Screw	Key
1200-000011	CB1000H SVLCR 07	10	100	32	7	5	12.5	VCMT 0702/VCGT 0702	BFTX0205	T6
1200-000012	CB1200K SVLCR 07	12	125	40	9	6	15.5	VCMT 0702/VCGT 0702	BFTX0205	T6
Call for details	CB1600M SVLCR 07	16	150	55	11	5	19.5	VCMT 0702/VCGT 0702	BFTX0205	T6

Signature Series Mini Boring System

Internal Turning Tools

Material: Carbide



SVXCL (113°)

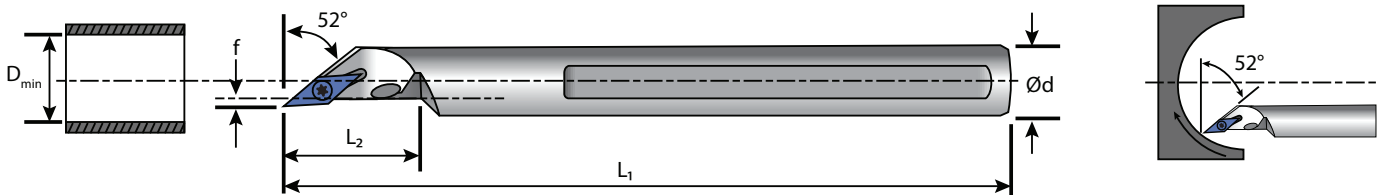
Ø 10-16mm Shanks

Left Handed Item No.	Description	d	L ₁	L ₂	f	f ₁	D _{min}	Insert	Screw	Key
Call for details	CB1000H SVXCL 07	10	100	32	7	3	12.5	VCMT 0702/VCMT 0702	BFTX0205	T6
Call for details	CB1200K SVXCL 07	12	125	40	9	3	15.5	VCMT 0702/VCMT 0702	BFTX0205	T6
Call for details	CB1600M SVXCL 07	16	150	55	11	3	19.5	VCMT 0702/VCMT 0702	BFTX0205	T6

SVXCR (113°)

Ø 10-16mm Shanks

Right Handed Item No.	Description	d	L ₁	L ₂	f	f ₁	D _{min}	Insert	Screw	Key
Call for details	CB1000H SVXCR 07	10	100	32	7	3	12.5	VCMT 0702/VCMT 0702	BFTX0205	T6
Call for details	CB1200K SVXCR 07	12	125	40	9	3	15.5	VCMT 0702/VCMT 0702	BFTX0205	T6
Call for details	CB1600M SVXCR 07	16	150	55	11	3	19.5	VCMT 0702/VCMT 0702	BFTX0205	T6



SVJCL (52°)

Ø 10-12mm Shanks

Description	Description	d	L ₁	L ₂	f	D _{min}	Insert	Screw	Key
Call for details	CB1000K SVJCL 07	10	125	18	1.5	13	VCMT 0702/VCMT 0702	BFTX0205	T6
Call for details	CB1200M SVJCL 07	12	150	18	2	13	VCMT 0702/VCMT 0702	BFTX0205	T6

SVJCR (52°)

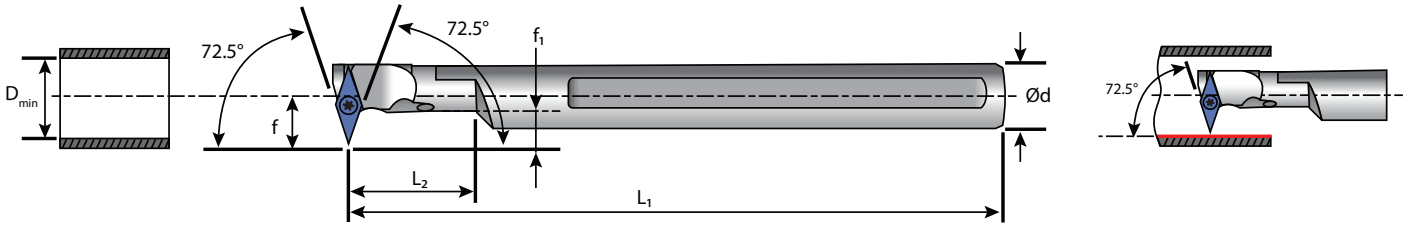
Ø 10-12mm Shanks

Description	Description	d	L ₁	L ₂	f	D _{min}	Insert	Screw	Key
Call for details	CB1000K SVJCR 07	10	125	18	1.5	13	VCMT 0702/VCMT 0702	BFTX0205	T6
Call for details	CB1200M SVJCR 07	12	150	18	2	13	VCMT 0702/VCMT 0702	BFTX0205	T6

Signature Series Mini Boring System

Internal Turning Tools

Material: Carbide



SVVCL (72.5°)

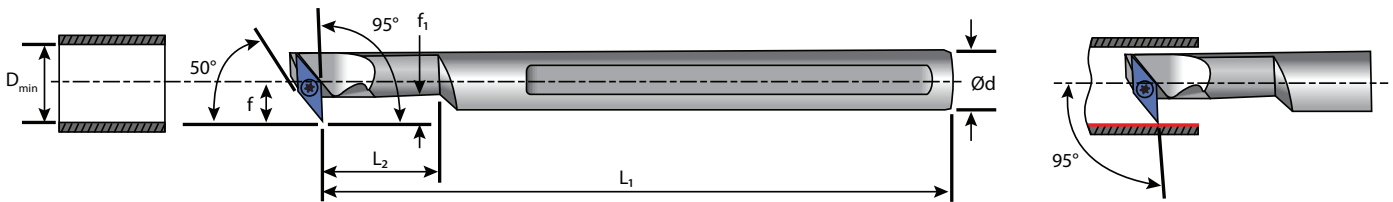
Ø 10-16mm Shanks

Left Handed Item No.	Description	d	L ₁	L ₂	f	f ₁	D _{min}	Insert	Screw	Key
Call for details	CB1000H SVVCL 07	10	100	32	8	6	13.5	VCMT 0702/VCGT 0702	BFTX0205	T6
Call for details	CB1200K SVVCL 07	12	125	40	9	6	15.5	VCMT 0702/VCGT 0702	BFTX0205	T6
Call for details	CB1600M SVVCL 07	16	150	55	11	6	19.5	VCMT 0702/VCGT 0702	BFTX0205	T6

SVVCR (72.5°)

Ø 10-16mm Shanks

Right Handed Item No.	Description	d	L ₁	L ₂	f	f ₁	D _{min}	Insert	Screw	Key
Call for details	CB1000H SVVCR 07	10	100	32	8	6	13.5	VCMT 0702/VCGT 0702	BFTX0205	T6
Call for details	CB1200K SVVCR 07	12	125	40	9	6	15.5	VCMT 0702/VCGT 0702	BFTX0205	T6
Call for details	CB1600M SVVCR 07	16	150	55	11	6	19.5	VCMT 0702/VCGT 0702	BFTX0205	T6



SV95CL (50°)

Ø 10-16mm Shanks

Left Handed Item No.	Description	d	L ₁	L ₂	f	f ₁	D _{min}	Insert	Screw	Key
Call for details	CB1000H SV95CL 07	10	100	32	7	5	12.5	VCMT 0702/VCGT 0702	BFTX0205	T6
Call for details	CB1200K SV95CL 07	12	125	40	9	6	15.5	VCMT 0702/VCGT 0702	BFTX0205	T6
Call for details	CB1600M SV95CL 07	16	150	55	11	8	19.5	VCMT 0702/VCGT 0702	BFTX0205	T6

SV95CR (50°)

Ø 10-16mm Shanks

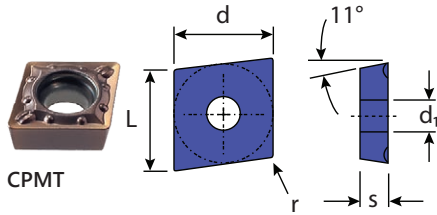
Right Handed Item No.	Description	d	L ₁	L ₂	f	f ₁	D _{min}	Insert	Screw	Key
Call for details	CB1000H SV95CR 07	10	100	32	7	5	12.5	VCMT 0702/VCGT 0702	BFTX0205	T6
Call for details	CB1200K SV95CR 07	12	125	40	9	6	15.5	VCMT 0702/VCGT 0702	BFTX0205	T6
Call for details	CB1600M SV95CR 07	16	150	55	11	8	19.5	VCMT 0702/VCGT 0702	BFTX0205	T6

Signature Series Mini Boring System

Turning Inserts

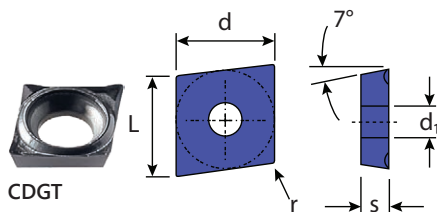
Ideal Cutting Materials

P	CarbonSteel, Alloy Steel
M	Stainless Steel
K	Cast Iron
N	Aluminium alloy, non-ferrous metal



Item No.	Description	L	d	s	d ₁	r	P	M	K
1200-000018	CPMT 05T102 EN-PM1	5.6	5.56	1.97	2.5	0.2	■	■	■
1200-000019	CPMT 05T104 EN-PM1	5.6	5.56	1.97	2.5	0.4	■	■	■

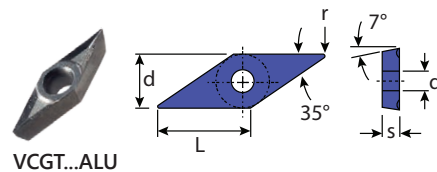
Grade K400 with G1 Coating



Item No.	Description	L	d	s	d ₁	r	P	M	K	N
1200-000020	CDGT 040101 FN-ALU	4.03	3.97	1	2.1	0.1				■
1200-000021	CDGT 040102 FN	4.03	3.97	1	2.1	0.2	■	■	■	
1200-000022	CDGT 040104 FN	4.03	3.97	1	2.1	0.4	■	■		

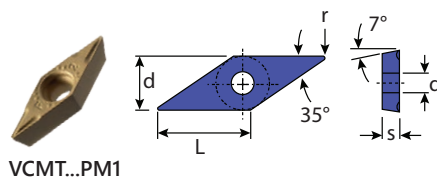
(Item # 1200-000020) Grade K15 Uncoated

(Item # 1200-000021 & 1200-000022) Grade K400 with G1 Coating



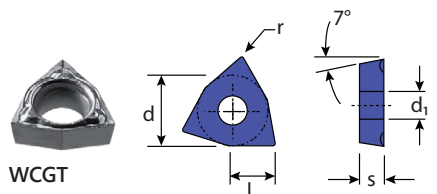
Item No.	Description	L	d	s	d ₁	r	N
1200-000025	VCGT 070201 FN-ALU	6.92	3.97	2.38	2.2	0.1	■

Grade K15 Uncoated



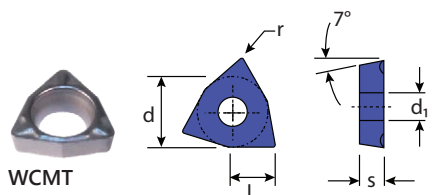
Item No.	Description	L	d	s	d ₁	r	P	M	K
1200-000023	VCMT 070202 EN-PM1	6.92	3.97	2.38	2.2	0.2	■	■	■
1200-000024	VCMT 070204 EN-PM1	6.92	3.97	2.38	2.2	0.4	■	■	■

Grade K400 with G1 Coating



Item No.	Description	L	d	s	d ₁	r	N
1200-000028	WCGT 020101 FN-ALU	2.7	3.97	1.59	2.2	0.1	■

Grade K15 Uncoated

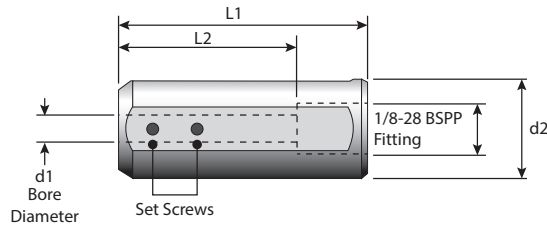


Item No.	Description	L	d	s	d ₁	r	M
1200-000026	WCMT 020102	2.7	3.97	1.59	2.2	0.2	■
1200-000027	WCMT 020104	2.7	3.96	1.59	2.2	0.4	■

Grade K400 with G1 Coating

COOLANT THRU BORING BUSHINGS

Material: Steel



Coolant Fittings & Accessories



Item # 4005-000104
More fittings available

Item No.	Description	d ₁	L ₁	L ₂	d ₂
1028-000001A	CTB-4.00-158760	4mm	3 inch	thru	5/8 inch
1028-000002A	CTB-4.00-190760	4mm	3 inch	thru	3/4 inch
1028-000003A	CTB-4.00-200760	4mm	3 inch	thru	20mm
1028-000004A	CTB-4.00-220760	4mm	3 inch	thru	22mm
1028-000005A	CTB-4.00-230760	4mm	3 inch	thru	23mm
1028-000006A	CTB-4.00-250760	4mm	3 inch	thru	25mm
1028-000007A	CTB-4.00-254760	4mm	3 inch	thru	1.0 inch
1028-000008A	CTB-5.00-158760	5mm	3 inch	thru	5/8 inch
1028-000009A	CTB-5.00-190760	5mm	3 inch	thru	3/4 inch
1028-000010A	CTB-5.00-200760	5mm	3 inch	thru	20mm
1028-000011A	CTB-5.00-220760	5mm	3 inch	thru	22mm
1028-000012A	CTB-5.00-230760	5mm	3 inch	thru	23mm
1028-000013A	CTB-5.00-250760	5mm	3 inch	thru	25mm
1028-000014A	CTB-5.00-254760	5mm	3 inch	thru	1.0 inch
1028-000015A	CTB-6.00-158760	6mm	3 inch	thru	5/8 inch
1028-000016A	CTB-6.00-190760	6mm	3 inch	thru	3/4 inch
1028-000017A	CTB-6.00-200760	6mm	3 inch	thru	20mm
1028-000018A	CTB-6.00-220760	6mm	3 inch	thru	22mm
1028-000019A	CTB-6.00-230760	6mm	3 inch	thru	23mm
1028-000020A	CTB-6.00-250760	6mm	3 inch	thru	25mm
1028-000021A	CTB-6.00-254760	6mm	3 inch	thru	1.0 inch
1028-000022A	CTB-8.00-158760	8mm	3 inch	thru	5/8 inch
1028-000023A	CTB-8.00-190760	8mm	3 inch	thru	3/4 inch
1028-000024A	CTB-8.00-200760	8mm	3 inch	thru	20mm
1028-000025A	CTB-8.00-220760	8mm	3 inch	thru	22mm
1028-000026A	CTB-8.00-230760	8mm	3 inch	thru	23mm
1028-000027A	CTB-8.00-250760	8mm	3 inch	thru	25mm
1028-000028A	CTB-8.00-254760	8mm	3 inch	thru	1.0 inch
1028-000029A	CTB-10.0-190760	10mm	3 inch	2 inch min	3/4 inch
1028-000030A	CTB-10.0-200760	10mm	3 inch	2 inch min	20mm
1028-000031A	CTB-10.0-220760	10mm	3 inch	2 inch min	22mm
1028-000032A	CTB-10.0-230760	10mm	3 inch	2 inch min	23mm
1028-000033A	CTB-10.0-250760	10mm	3 inch	2 inch min	25mm
1028-000034A	CTB-10.0-254760	10mm	3 inch	2 inch min	1.0 inch
1028-000035A	CTB-12.0-190760	12mm	3 inch	2 inch min	3/4 inch
1028-000036A	CTB-12.0-200760	12mm	3 inch	2 inch min	20mm
1028-000037A	CTB-12.0-220760	12mm	3 inch	2 inch min	22mm
1028-000038A	CTB-12.0-230760	12mm	3 inch	2 inch min	23mm
1028-000039A	CTB-12.0-250760	12mm	3 inch	2 inch min	25mm
1028-000040A	CTB-12.0-254760	12mm	3 inch	2 inch min	1.0 inch