

YOU

Metric · Imperial

INTELLIGENTLY?

MACHINING

ISCAR CAMFIX

Modular Quick and Rigid Tooling System



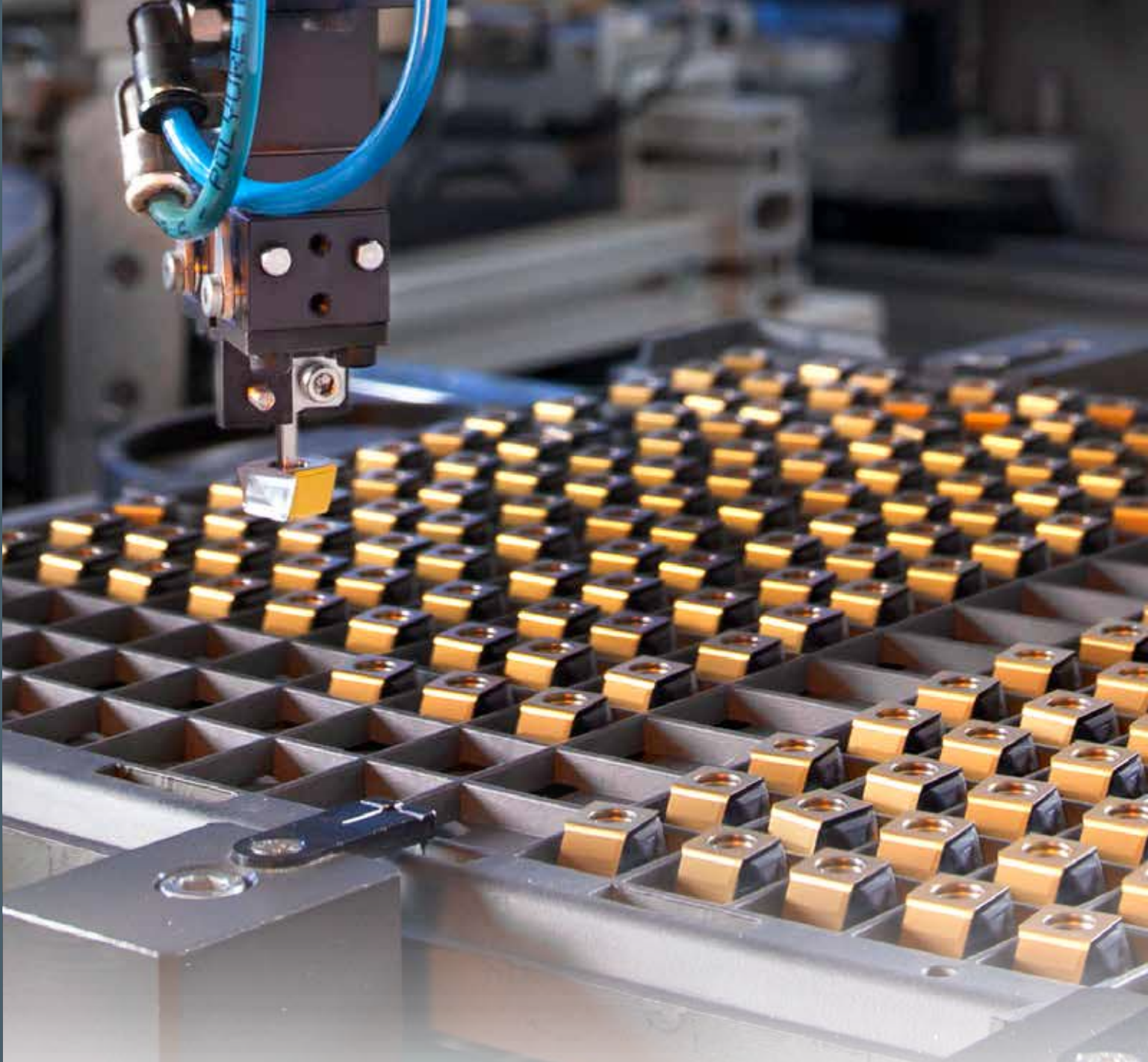
TURNING

GROOVE
TURN

FACE
GROOVE

THREADING

TOOLING



THE STANDARDS INSTITUTION OF ISRAEL



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Quality Standard

ISCAR has been certified by the prestigious Standards Institution, as being in full compliance to ensure delivery of the finest quality goods. Quality control facilities include the metallurgical laboratory, raw metal testing, an online testing procedure and a machining center for tool performance testing and final product inspection. Only the finest products are packaged for entry into ISCAR's inventory.

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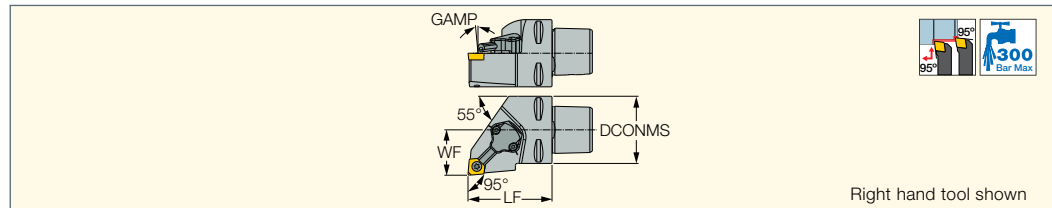
TURNING TOOLS (ISO)



ISOTURN

C#-SCLCR/L-JHP

Screw Clamp Tools with CAMFIX
Shanks and Channels for
High-Pressure Coolant Carrying
Positive 80° Rhombic Inserts



	M E T R I C						
Designation	DCONMS	WF	LF	GAMP ⁽¹⁾	MIID ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C3 SCLCR 11070-09-JHP	32.00	11.00	70.00	0.0	CC.. 09T3	300	0
C3 SCLCR-22045-09-JHP	32.00	22.00	45.00	0.0	CC.. 09T3	300	0
C4 SCLCR 11070-09-JHP	40.00	11.00	70.00	0.0	CC.. 09T3	300	1
C4 SCLCR/L-27050-09-JHP	40.00	27.00	50.00	0.0	CC.. 09T3	300	1
C5 SCLCR/L 35060-09-JHP	50.00	35.00	60.00	0.0	CC.. 09T3	300	1

⁽¹⁾ Rake angle axial

⁽²⁾ Master insert identification

⁽³⁾ Coolant pressure (Bar)

⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip

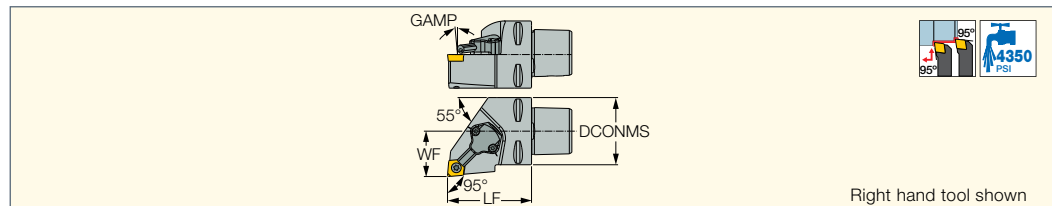
Spare Parts

Designation					
C3 SCLCR-22045-09-JHP	SR 16-236	T-15/5	CU-CW-JHP		T-8/5
C4 SCLCR/L-27050-09-JHP	SR 16-236	T-15/5	CU-CW-JHP	SR M5X5 DIN913 TL360	T-8/5
C5 SCLCR/L 35060-09-JHP	SR 16-236	T-15/5	CU-CW-JHP	SR M5X5 DIN913 TL360	T-8/5

ISOTURN

C#-SCLCR/L-JHP

Screw Clamp Tools with CAMFIX
Shanks and Channels for
High-Pressure Coolant Carrying
Positive 80° Rhombic Inserts



	I N C H						
Designation	DCONMS	WF	LF	GAMP ⁽¹⁾	MIID ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C3 SCLCR 11070-09-JHP	1.260	.433	2.756	0	CC.. 09T3	4350	0
C3 SCLCR-22045-09-JHP	1.260	.866	1.772	0	CC..3..	4350	0
C4 SCLCR 11070-09-JHP	1.575	.433	2.756	0	CC.. 09T3	4350	1
C4 SCLCR/L-27050-09-JHP	1.575	1.063	1.968	0	CC..3..	4350	1
C5 SCLCR/L 35060-09-JHP	1.968	1.378	2.362	0	CC..3..	4350	1

⁽¹⁾ Rake angle axial

⁽²⁾ Master insert identification

⁽³⁾ Coolant pressure (PSI)

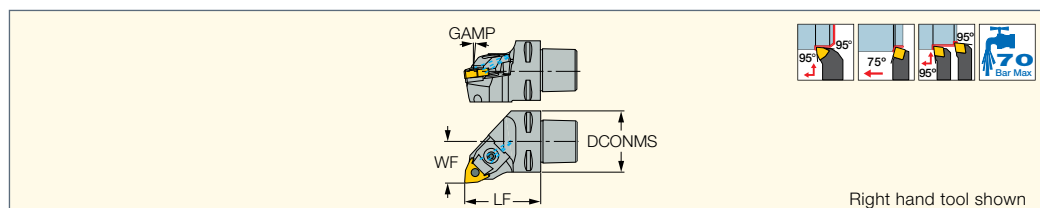
⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation					
C3 SCLCR-22045-09-JHP	SR 16-236	T-15/5	CU-CW-JHP		T-8/5
C4 SCLCR/L-27050-09-JHP	SR 16-236	T-15/5	CU-CW-JHP	SR M5X5 DIN913 TL360	T-8/5
C5 SCLCR/L 35060-09-JHP	SR 16-236	T-15/5	CU-CW-JHP	SR M5X5 DIN913 TL360	T-8/5

MULTI-WEDGE**C#-MULNR/L-MW**

MULTI-WEDGE Tools with
CAMFIX Exchangeable Shanks
Carrying 80° Negative Rhombic
or Trigon or Square Inserts



M E T R I C						
Designation	DCONMS	WF	LF	GAMP ⁽¹⁾	MIID ⁽²⁾	DCP ⁽³⁾
C4 MULNR/L 27050-12MW	40.00	27.00	50.00	-6.0	W/C/SNMG 1204..	1
C5 MULNR/L 35060-12MW	50.00	35.00	60.00	-6.0	W/C/SNMG 1204..	1
C6 MULNR/L-45065-12MW	63.00	45.00	65.00	-6.0	W/C/SNMG 1204..	1

• R.H. wedge for R.H. tool, L.H. wedge for L.H. tool

⁽¹⁾ Rake angle axial

⁽²⁾ Master insert identification

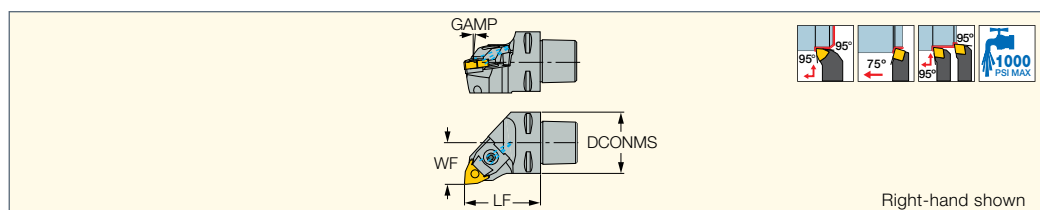
⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation								
C4 MULNR/L 27050-12MW	TCN 423	ZNW 4CMI	LC WN08	HW 3.0	SR 17-307	DK 17-307	SPR 17-307	EZ 62
C5 MULNR/L 35060-12MW	TCN 423	ZNW 4CMI	LC WN08	HW 3.0	SR 17-307	DK 17-307	SPR 17-307	EZ 83
C6 MULNR/L-45065-12MW	TCN 423	ZNW 4CMI	LC WN08	HW 3.0	SR 17-307	DK 17-307	SPR 17-307	EZ 104

MULTI-WEDGE**C#-MULNR/L-MW**

MULTI-WEDGE Tools with
CAMFIX Exchangeable Shanks
Carrying 80° Negative Rhombic
or Trigon or Square Inserts



I N C H						
Designation	DCONMS	WF	LF	GAMP ⁽¹⁾	MIID ⁽²⁾	DCP ⁽³⁾
C4 MULNR/L 27050-12MW	1.575	1.063	1.968	-6.0	W/C/SN..4..	1
C5 MULNR/L 35060-12MW	1.968	1.378	2.362	-6.0	W/C/SN..4..	1
C6 MULNR/L-45065-12MW *	2.480	1.772	2.559	-6.0	W/C/SN..4..	1

• R.H. wedge for R.H. tool, L.H. wedge for L.H. tool

⁽¹⁾ Rake angle axial

⁽²⁾ Master insert identification

⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

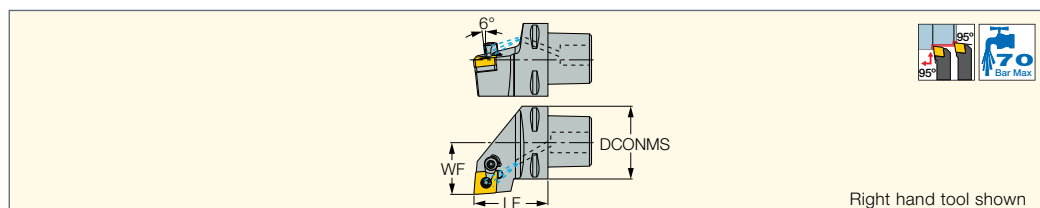
Spare Parts

Designation								
C4 MULNR/L 27050-12MW	TCN 423	ZNW 4CMI	LC WN08	HW 3.0	SR 17-307	DK 17-307	SPR 17-307	EZ 62
C5 MULNR/L 35060-12MW	TCN 423	ZNW 4CMI	LC WN08	HW 3.0	SR 17-307	DK 17-307	SPR 17-307	EZ 83
C6 MULNL-45065-12MW	TCN 423	ZNW 4CMI	LC WN08	HW 3.0	SR 17-307	DK 17-307	SPR 17-307	EZ 104
C6 MULNR-45065-12MW *	TCN 423	ZNW 4CMI	LC WN08	HW 3.0	SR 17-307	DK 17-307	SPR 17-307	EZ 104

ISOTURN

C#-MCLNR/L

95° Lead Angle Toolhols, for
Negative 80° Inserts with
CAMFIX Exchangeable Shanks



Right hand tool shown

	M E T R I C					
Designation	DCONMS	WF	OHN ⁽¹⁾	Insert	CP ⁽²⁾	DCP ⁽³⁾
C6 MCLNR/L-45065-19	63.00	45.00	65.00	CNM.-19...	1	70

⁽¹⁾ Minimum overhang

⁽²⁾ Coolant pressure (Bar)

⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

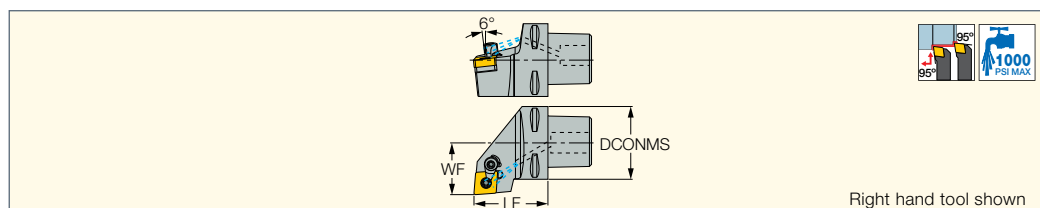
Spare Parts

Designation					
C#-MCLNR/L	TCT 634	LC80 SET-1	HW 4.0	ZN 64	EZ 104

ISOTURN

C#-MCLNR/L

95° Lead Angle Toolhols, for
Negative 80° Inserts with
CAMFIX Exchangeable Shanks



Right hand tool shown

	I N C H					
Designation	DCONMS	WF	OHN ⁽¹⁾	Insert	CP ⁽²⁾	DCP ⁽³⁾
C6 MCLNR/L-45065-19	2.480	1.772	2.559	CNM.-19...	1015	1

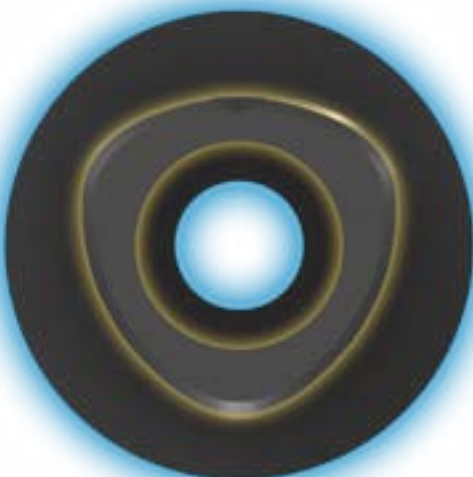
⁽¹⁾ Minimum overhang

⁽²⁾ Coolant pressure (PSI)

⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation					
C#-MCLNR/L	TCT 634	LC80 SET-1	HW 4.0	ZN 64	EZ 104

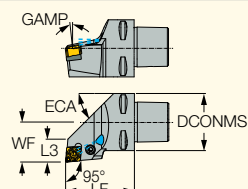




HELI TURN LD

C#-PCLNR/L-X

Lever Lock Tools with
CAMFIX Exchangeable
Shanks Carrying CNMX and
CNMG Rhombic Inserts



Right hand tool shown

M E T R I C									
Designation	DCONMS	WF	LF	GAMP ⁽²⁾	L3	ECA	MIID ⁽³⁾	CP ⁽⁴⁾	DCP ⁽⁵⁾
C4 PCLNR/L-27050-12X ⁽¹⁾	40.00	27.00	50.00	-6.0	20.00	40.0	CNMX 1207, CNMG 1204	70	1
C5 PCLNR/L-35060-12X ⁽¹⁾	50.00	35.00	60.00	-6.0	20.00	45.0	CNMX 1207, CNMG 1204	70	1
C6 PCLNR/L-45065-12X ⁽¹⁾	63.00	45.00	65.00	-6.0	20.00	54.0	CNMX 1207, CNMG 1204	70	1
C4 PCLNR/L-27050-16X	40.00	27.00	50.00	-6.0	21.00	40.0	CNMX 1607, CNMG 1606	70	1
C5 PCLNR/L-35060-16X	50.00	35.00	60.00	-6.0	21.00	45.0	CNMX 1607, CNMG 1606	70	1
C6 PCLNR/L-45065-16X	63.00	45.00	65.00	-6.0	21.00	54.0	CNMX 1607, CNMG 1606	70	1

⁽¹⁾ Supplied with TCX 4 seat for CNMX 1207.. inserts and TCN 443 seat for CNMG 1204.. inserts.

⁽²⁾ Rake angle axial

⁽³⁾ Master insert identification

⁽⁴⁾ Coolant pressure (Bar)

⁽⁵⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

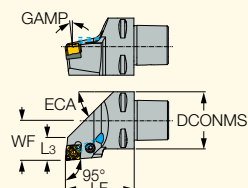
Designation										
C4 PCLNR/L-27050-12X	TCX 4	TCN 443	SP 4	PN 3-4L	LR 4DH	SR 117-2010	HW 3.0	EZ 62	LR 4DHTL (MR INJ)*	
C5 PCLNR/L-35060-12X	TCX 4	TCN 443	SP 4	PN 3-4L	LR 4DH	SR 117-2010	HW 3.0	EZ 83	LR 4DHTL (MR INJ)*	
C6 PCLNR/L-45065-12X	TCX 4	TCN 443	SP 4	PN 3-4L	LR 4DH	SR 117-2010	HW 3.0		LR 4DHTL (MR INJ)*	Satz-M10X1-M5
C4 PCLNR/L-27050-16X	TCX 5	TCN 53	SP 5		LR 5	SR LCS 5	HW 3.0	EZ 104		
C5 PCLNR/L-35060-16X	TCX 5	TCN 53	SP 5	SPP 5-6	LR 5	SR LCS 5	HW 3.0	EZ 125		
C6 PCLNR/L-45065-16X	TCX 5	TCN 53	SP 5	SPP 5-6	LR 5	SR LCS 5	HW 3.0	EZ 125		

* Optional, to be ordered separately

HELI TURN LD

C#-PCLNR/L-X

Lever Lock Tools with
CAMFIX Exchangeable
Shanks Carrying CNMX and
CNMG Rhombic Inserts



Right hand tool shown

I N C H									
Designation	DCONMS	WF	LF	GAMP ⁽²⁾	L3	ECA	MIID ⁽³⁾	CP ⁽⁴⁾	DCP ⁽⁵⁾
C4 PCLNR/L-27050-12X ⁽¹⁾	1.575	1.063	1.968	-6.0	.787	40.0	CNMG 430-FFG	1000	1
C5 PCLNR/L-35060-12X ⁽¹⁾	1.968	1.378	2.362	-6.0	.787	45.0	CNMG 430-FFG	1000	1
C6 PCLNR/L-45065-12X ⁽¹⁾	2.480	1.772	2.559	-6.0	.787	54.0	CNMG 430-FFG	1000	1
C4 PCLNR/L-27050-16X	1.575	1.063	1.968	-6.0	.827	40.0	CNMG 542-R3P	1000	1
C5 PCLNR/L-35060-16X	1.968	1.378	2.362	-6.0	.827	45.0	CNMG 542-R3P	1000	1
C6 PCLNR/L-45065-16X	2.480	1.772	2.559	-6.0	.827	54.0	CNMG 542-R3P	1000	1

⁽¹⁾ Supplied with TCX 4 seat for CNMX 45. inserts and TCN 443 seat for CNMG 43. inserts.

⁽²⁾ Rake angle axial

⁽³⁾ Master insert identification

⁽⁴⁾ Coolant pressure (PSI)

⁽⁵⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

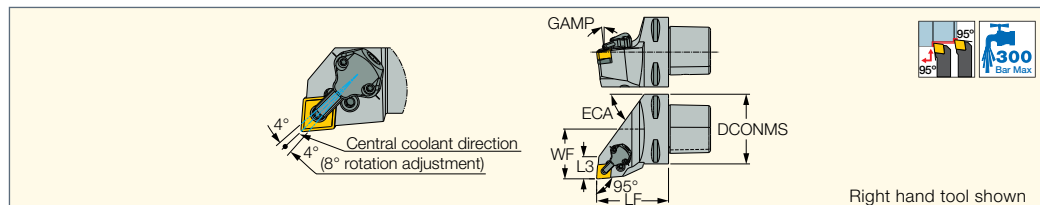
Designation										
C4 PCLNR/L-27050-12X	TCX 4	TCN 443	SP 4	PN 3-4L	LR 4DH	SR 117-2010	HW 3.0	EZ 62	LR 4DHTL (MR INJ)*	
C5 PCLNR/L-35060-12X	TCX 4	TCN 443	SP 4	PN 3-4L	LR 4DH	SR 117-2010	HW 3.0	EZ 83	LR 4DHTL (MR INJ)*	
C6 PCLNR/L-45065-12X	TCX 4	TCN 443	SP 4	PN 3-4L	LR 4DH	SR 117-2010	HW 3.0		LR 4DHTL (MR INJ)*	Satz-M10X1-M5
C4 PCLNR/L-27050-16X	TCX 5	TCN 53	SP 5		LR 5	SR LCS 5	HW 3.0	EZ 104		
C5 PCLNR/L-35060-16X	TCX 5	TCN 53	SP 5	SPP 5-6	LR 5	SR LCS 5	HW 3.0	EZ 125		
C6 PCLNR/L-45065-16X	TCX 5	TCN 53	SP 5	SPP 5-6	LR 5	SR LCS 5	HW 3.0	EZ 125		

* Optional, to be ordered separately

HELI TURN LD

C#-PCLNR/L-X-JHP

Lever Lock Tools with CAMFIX
Shanks and Channels for
High-Pressure Coolant Carrying
CNMX or CNMG Inserts



Right hand tool shown

M E T R I C									
Designation	DCONMS	WF	LF	L3	ECA	GAMP ⁽³⁾	MIID ⁽⁴⁾	CP ⁽⁵⁾	DCP ⁽⁶⁾
C3 PCLNR-22045-09X-JHP ⁽¹⁾	32.00	22.00	45.00	22.00	45.0	-6.0	CNMX 0906, CNMG 0904	300	0
C4 PCLNR/L-27050-09X-JHP ⁽¹⁾	40.00	27.00	50.00	24.00	45.0	-6.0	CNMX 0906, CNMG 0904	300	1
C5 PCLNR/L-35060-09X-JHP ⁽¹⁾	50.00	35.00	60.00	26.00	45.0	-6.0	CNMX 0906, CNMG 0904	300	1
C4 PCLNR/L-27050-12X-JHP ⁽²⁾	40.00	27.00	50.00	18.00	54.0	-6.0	CNMX 1207, CNMG 1204	300	1
C5 PCLNL-35060-12X-JHP ⁽²⁾	50.00	35.00	60.00	30.00	50.0	-6.0	CNMX 1207, CNMG 1204	300	1
C5 PCLNR-35060-12X-JHP ⁽²⁾	50.00	35.00	60.00	20.00	50.0	-6.0	CNMX 1207, CNMG 1204	300	1
C6 PCLNR/L-45065-12X-JHP ⁽²⁾	63.00	45.00	65.00	20.00	54.0	-6.0	CNMX 1207, CNMG 1204	300	1

⁽¹⁾ Supplied with TCX 3 seat for CNMX 0906.. inserts and TCN 323 seat for CNMG 0904.. inserts.

⁽²⁾ Supplied with TCX 4 seat for CNMX 1207.. inserts and TCN 443 seat for CNMG 1204.. inserts.

⁽³⁾ Rake angle axial

⁽⁴⁾ Master insert identification

⁽⁵⁾ Coolant pressure (Bar)

⁽⁶⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

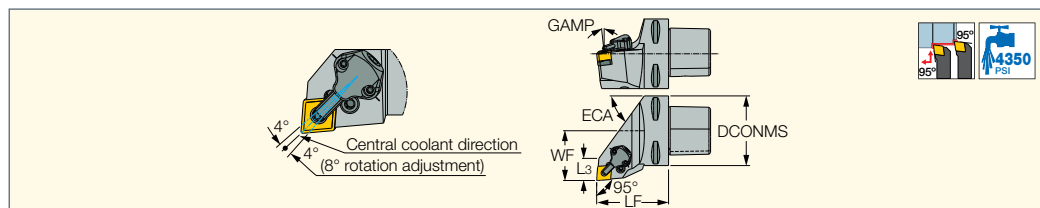
Designation										
C3 PCLNR-22045-09X-JHP	TCX 3	TCN 323	SP 3	LR 3	SR 117-2014	PN 3-4	CU-CW-JHP		T-8/5	HW 2.5
C4 PCLNR/L-27050-09X-JHP	TCX 3	TCN 323	SP 3	LR 3	SR 117-2014	PN 3-4	CU-CW-JHP		T-8/5	HW 2.5
C5 PCLNR/L-35060-09X-JHP	TCX 3	TCN 323	SP 3	LR 3	SR 117-2014	PN 3-4	CU-CW-JHP		T-8/5	HW 2.5
C4 PCLNR/L-27050-12X-JHP	TCX 4	TCN 443	SP 4	LR 4DH	SR 117-2010	PN 3-4L	CU-CW-JHP	LR 4DHTL (MR INJ)*	T-8/5	HW 3.0
C5 PCLNR/L-35060-12X-JHP	TCX 4	TCN 443	SP 4	LR 4DH	SR 117-2010	PN 3-4L	CU-CW-JHP	LR 4DHTL (MR INJ)*	T-8/5	HW 3.0
C6 PCLNR/L-45065-12X-JHP	TCX 4	TCN 443	SP 4	LR 4DH	SR 117-2010	PN 3-4L	CU-CW-JHP	LR 4DHTL (MR INJ)*	T-8/5	HW 3.0

* Optional, to be ordered separately

HELI TURN LD

C#-PCLNR/L-X-JHP

Lever Lock Tools with CAMFIX
Shanks and Channels for
High-Pressure Coolant Carrying
CNMX or CNMG Inserts



I N C H									
Designation	DCONMS	WF	LF	L3	ECA	GAMP ⁽³⁾	MIID ⁽⁴⁾	CP ⁽⁵⁾	DCP ⁽⁶⁾
C3 PCLNR-22045-09X-JHP ⁽¹⁾	1.260	.866	1.772	.866	45.0	-6.0	CNMX 34, CNMG 33.	4350	0
C4 PCLNR/L-27050-09X-JHP ⁽¹⁾	1.575	1.063	1.968	.945	45.0	-6.0	CNMX 34, CNMG 33.	4350	1
C5 PCLNR/L-35060-09X-JHP ⁽¹⁾	1.968	1.378	2.362	1.024	45.0	-6.0	CNMX 34, CNMG 33.	4350	1
C4 PCLNR/L-27050-12X-JHP ⁽²⁾	1.575	1.063	1.968	.709	54.0	-6.0	CNMX 45, CNMG 43.	4350	1
C5 PCLNL-35060-12X-JHP ⁽²⁾	1.968	1.378	2.362	1.181	50.0	-6.0	CNMX 45, CNMG 43.	4350	1
C5 PCLNR-35060-12X-JHP ⁽²⁾	1.968	1.378	2.362	.787	50.0	-6.0	CNMX 45, CNMG 43.	4350	1
C6 PCLNR/L-45065-12X-JHP ⁽²⁾	2.480	1.772	2.559	.787	54.0	-6.0	CNMX 45, CNMG 43.	4350	1

⁽¹⁾ Supplied with TCX 3 seat for CNMX 34.. inserts and TCN 323 seat for CNMG 33. inserts.

⁽²⁾ Supplied with TCX 4 seat for CNMX 45. inserts and TCN 443 seat for CNMG 43. inserts.

⁽³⁾ Rake angle axial

⁽⁴⁾ Master insert identification

⁽⁵⁾ Coolant pressure (PSI)

⁽⁶⁾ 1 - Slot for data chip, 0 - Without slot for data chip

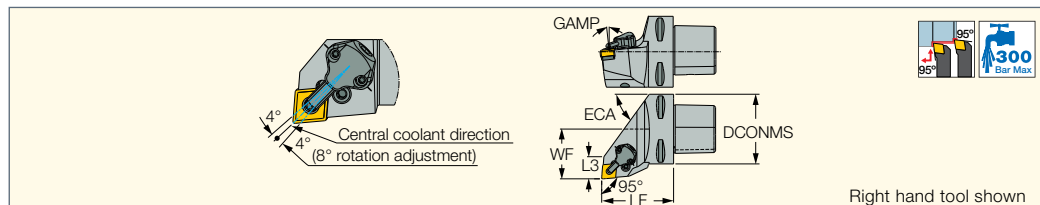
Spare Parts

Designation										
C3 PCLNR-22045-09X-JHP	TCX 3	TCN 323	SP 3	LR 3	SR 117-2014	PN 3-4	CU-CW-JHP		T-8/5	HW 2.5
C4 PCLNR/L-27050-09X-JHP	TCX 3	TCN 323	SP 3	LR 3	SR 117-2014	PN 3-4	CU-CW-JHP		T-8/5	HW 2.5
C5 PCLNR/L-35060-09X-JHP	TCX 3	TCN 323	SP 3	LR 3	SR 117-2014	PN 3-4	CU-CW-JHP		T-8/5	HW 2.5
C4 PCLNR/L-27050-12X-JHP	TCX 4	TCN 443	SP 4	LR 4DH	SR 117-2010	PN 3-4L	CU-CW-JHP	LR 4DHTL (MR INJ)*	T-8/5	HW 3.0
C5 PCLNR/L-35060-12X-JHP	TCX 4	TCN 443	SP 4	LR 4DH	SR 117-2010	PN 3-4L	CU-CW-JHP	LR 4DHTL (MR INJ)*	T-8/5	HW 3.0
C6 PCLNR/L-45065-12X-JHP	TCX 4	TCN 443	SP 4	LR 4DH	SR 117-2010	PN 3-4L	CU-CW-JHP	LR 4DHTL (MR INJ)*	T-8/5	HW 3.0

* Optional, to be ordered separately

ISOTURN**C#-PCLNR/L-JHP**

Lever Lock Tools with Channels
for High-Pressure Coolant and
CAMFIX Shanks Carrying 80°
Negative Rhombic Inserts



Right hand tool shown

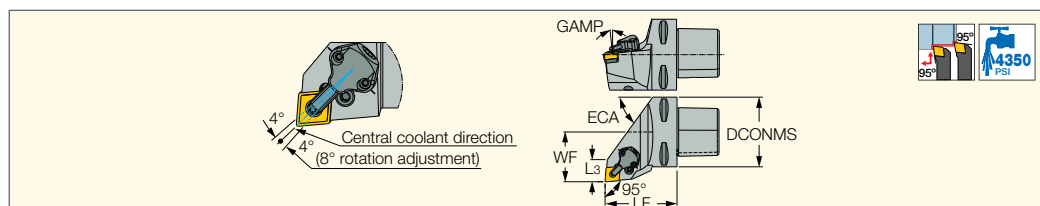
	M E T R I C								
Designation	DCONMS	WF	LF	L3	ECA	GAMP ⁽¹⁾	MIID ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C6 PCLNR/L-45065-12-JHP	63.00	45.00	65.00	20.00	54.0	-6.0	CNMG 1204	300	1

⁽¹⁾ Rake angle axial⁽²⁾ Master insert identification⁽³⁾ Coolant pressure (Bar)⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip**Spare Parts**

Designation								
C6 PCLNR/L-45065-12-JHP	TCN 423	SP 4	LR 4	SR 117-2010	PN 3-4	CU-CW-JHP	HW 3.0	T-8/5

ISOTURN**C#-PCLNR/L-JHP**

Lever Lock Tools with Channels
for High-Pressure Coolant and
CAMFIX Shanks Carrying 80°
Negative Rhombic Inserts



	I N C H								
Designation	DCONMS	WF	LF	L3	ECA	GAMP ⁽¹⁾	MIID ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C6 PCLNR/L-45065-12-JHP	2.480	1.772	2.559	.787	54.0	-6.0	CNMG 43	4350	1

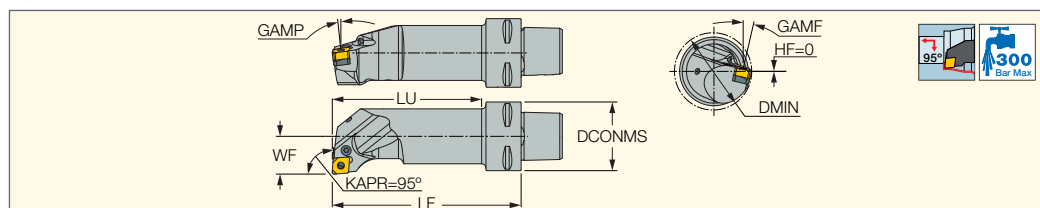
⁽¹⁾ Rake angle axial⁽²⁾ Master insert identification⁽³⁾ Coolant pressure (PSI)⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip**Spare Parts**

Designation								
C6 PCLNR/L-45065-12-JHP	TCN 423	SP 4	LR 4	SR 117-2010	PN 3-4	CU-CW-JHP	HW 3.0	T-8/5

ISOTURN

C#-PCLNR/L-09/12-JHP

Lever Lock Boring Tools with
CAMFIX Shanks Carrying
Negative CNMX/CNMG
80° Rhombic Inserts



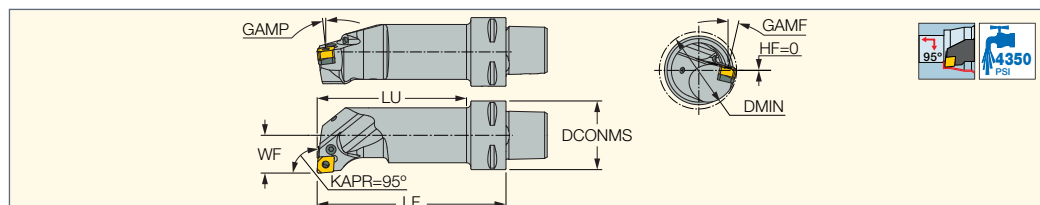
M E T R I C								
Designation	WF	LF	DCONMS	LU	GAMP ⁽¹⁾	GAMF ⁽²⁾	DMIN	Insert
C3 PCLNR 17090-12-JHP	17.00	90.00	32.00	72.00	6.0	12.0	32.00	CNM# 12##
C4 PCLNR/L 17080-12-JHP	17.00	80.00	40.00	57.00	6.0	12.0	32.00	CNM# 12##
C6 PCLNL 17100-12-JHP	17.00	100.00	63.00	75.00	6.0	12.0	32.00	CNM# 12##
C4 PCLNR 17090-09-JHP	17.00	90.00	40.00	67.00	6.0	15.5	32.00	CNM# 09##
C4 PCLNR 22110-09-JHP	22.00	110.00	40.00	87.00	6.0	13.0	40.00	CNM# 09##
C4 PCLNR 27120-09-JHP	27.00	120.00	40.00	98.00	6.0	12.0	50.00	CNM# 09##

⁽¹⁾ Rake angle axial
⁽²⁾ Rake angle radial

ISOTURN

C#-PCLNR/L-09/12-JHP

Lever Lock Boring Tools with
CAMFIX Shanks Carrying
Negative CNMX/CNMG
80° Rhombic Inserts



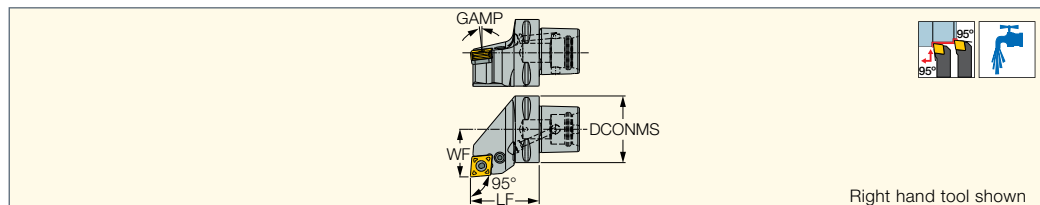
I N C H								
Designation	WF	LF	DCONMS	LU	GAMP ⁽¹⁾	GAMF ⁽²⁾	DMIN	Insert
C3 PCLNR 17090-12-JHP	.669	3.543	1.260	2.8346	6.0	12.0	1.260	CNM# 43#
C4 PCLNR/L 17080-12-JHP	.669	3.150	1.575	2.2441	6.0	12.0	1.260	CNM# 43#
C6 PCLNL 17100-12-JHP	.669	3.937	2.480	2.9528	6.0	12.0	1.260	CNM# 43#
C4 PCLNR 17090-09-JHP	.669	3.543	1.575	2.6378	6.0	15.5	1.260	CNM# 33#
C4 PCLNR 22110-09-JHP	.866	4.331	1.575	3.4252	6.0	13.0	1.575	CNM# 33#
C4 PCLNR 27120-09-JHP	1.063	4.724	1.575	3.8583	6.0	12.0	1.968	CNM# 33#

⁽¹⁾ Rake angle axial
⁽²⁾ Rake angle radial



**C#-PCLOR/L-IQ**

Lever Lock and Dovetail Pocket
Tools with CAMFIX Shanks
Carrying Unique Double-Sided
80° Rhombic Inserts



Right hand tool shown

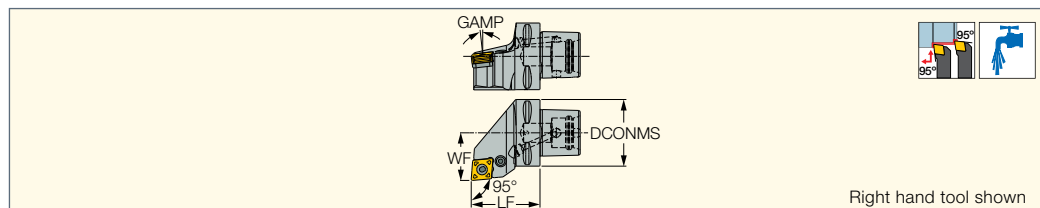
M E T R I C					
Designation	DCONMS	WF	LF	GAMP ⁽¹⁾	MIID ⁽²⁾
C6 PCLOR/L-45065-16-IQ	63.00	45.00	65.00	-6.0	COMG 1606
C6 PCLOR/L-45065-19-IQ	63.00	45.00	65.00	-6.0	COMG 1906
C8 PCLOR-55080-19-IQ	80.00	55.00	80.00	-6.0	COMG 1906
C8 PCLOR/L-55080-25-IQ	80.00	55.00	80.00	-6.0	COMG 2509

⁽¹⁾ Rake angle axial⁽²⁾ Master insert identification**Spare Parts**

Designation							
C6 PCLOR/L-45065-16-IQ	TCX 5-IQ	LCL 16-NX	SP 5	SATZ-M10X1-M5	HW 3.0	SR LCS 5-L25.5	SPP 5-6
C6 PCLOR/L-45065-19-IQ	TCX 6-IQ	LCL 20C-NX	SP 5	SATZ-M10X1-M5	HW 4.0	SR 10402352	
C8 PCLOR-55080-19-IQ	TCX 6-IQ	LCL 20C-NX	SP 5	SATZ-M10X1-M5	HW 4.0	SR 10402352	SPP 5-6
C8 PCLOR/L-55080-25-IQ	TCX 8-IQ	LCL 32-NX	SP 8	SATZ-M12X1-M6	HW 5.0	SR LCS 8-L39	

**C#-PCLOR/L-IQ**

Lever Lock and Dovetail Pocket
Tools with CAMFIX Shanks
Carrying Unique Double-Sided
80° Rhombic Inserts



Right hand tool shown

I N C H					
Designation	DCONMS	WF	LF	GAMP ⁽¹⁾	MIID ⁽²⁾
C6 PCLOR/L-45065-16-IQ	2.480	1.772	2.559	-6.0	COMG 54..
C6 PCLOR/L-45065-19-IQ	2.480	1.772	2.559	-6.0	COMG 64..
C8 PCLOR-55080-19-IQ	3.150	2.165	3.150	-6.0	COMG 64..
C8 PCLOR/L-55080-25-IQ	3.150	2.165	3.150	-6.0	COMG 86..

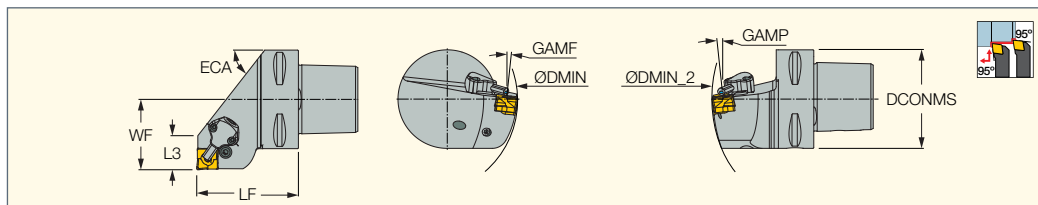
⁽¹⁾ Rake angle axial⁽²⁾ Master insert identification**Spare Parts**

Designation							
C6 PCLOR/L-45065-16-IQ	TCX 5-IQ	LCL 16-NX	SP 5	SATZ-M10X1-M5	HW 3.0	SR LCS 5-L25.5	SPP 5-6
C6 PCLOR/L-45065-19-IQ	TCX 6-IQ	LCL 20C-NX	SP 5	SATZ-M10X1-M5	HW 4.0	SR 10402352	
C8 PCLOR-55080-19-IQ	TCX 6-IQ	LCL 20C-NX	SP 5	SATZ-M10X1-M5	HW 4.0	SR 10402352	SPP 5-6
C8 PCLOR/L-55080-25-IQ	TCX 8-IQ	LCL 32-NX	SP 8	SATZ-M12X1-M6	HW 5.0	SR LCS 8-L39	

LOGIQ4TURN

C#-PCLXR/L-12X-JHP

Lever Lock Tools with CAMFIX
Shanks & High-Pressure Coolant
Channels, for CXMG 80° Inserts



	M E T R I C									
Designation	DCONMS	WF	LF	L3	ECA	GAMP ⁽¹⁾	GAMF ⁽²⁾	MIID ⁽³⁾	CP ⁽⁴⁾	DCP ⁽⁵⁾
C4 PCLXR/L-27050-12X-JHP	40.00	27.00	50.00	17.80	38.0	6.0	6.0	CXMG 12T508	340	1
C5 PCLXR/L-35060-12X-JHP	50.00	35.00	60.00	21.20	50.0	6.0	6.0	CXMG 12T508	340	1
C6 PCLXR/L-45065-12X-JHP	60.00	45.00	65.00	21.80	52.0	6.0	6.0	CXMG 12T508	340	1

⁽¹⁾ Rake angle axial

⁽²⁾ Rake angle radial

⁽³⁾ Master insert identification

⁽⁴⁾ Coolant pressure (Bar)

⁽⁵⁾ 1 - Slot for data chip, 0 - Without slot for data chip

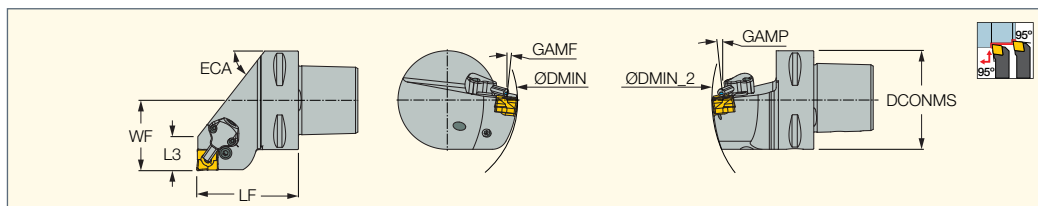
Spare Parts

Designation									
C4 PCLXR/L-27050-12X-JHP	TCNX 423	LR 4X-CA	PN 3-4	SP 4	HW 3.0	CU-CW-JHP	SR LCS 5	T-8/5	SR M3X3 DIN913 TL360
C5 PCLXR/L-35060-12X-JHP	TCNX 423	LR 4X-CA	PN 3-4	SP 4	HW 3.0	CU-CW-JHP	SR LCS 5	T-8/5	SR M4X4 DIN913 TL360
C6 PCLXR/L-45065-12X-JHP	TCNX 423	LR 4X-CA	PN 3-4	SP 4	HW 3.0	CU-CW-JHP	SR LCS 5	T-8/5	SR M5X5 DIN913 TL360

LOGIQ4TURN

C#-PCLXR/L-12X-JHP

Lever Lock Tools with CAMFIX
Shanks & High-Pressure Coolant
Channels, for CXMG 80° Inserts



	I N C H									
Designation	DCONMS	WF	LF	L3	ECA	GAMP ⁽¹⁾	GAMF ⁽²⁾	MIID ⁽³⁾	CP ⁽⁴⁾	DCP ⁽⁵⁾
C4 PCLXR/L-27050-12X-JHP	1.575	1.063	1.968	.701	38.0	6.0	6.0	CXMG 12T508	4930	1
C5 PCLXR/L-35060-12X-JHP	1.968	1.378	2.362	.835	50.0	6.0	6.0	CXMG 12T508	4930	1
C6 PCLXR/L-45065-12X-JHP	2.362	1.772	2.559	.858	52.0	6.0	6.0	CXMG 12T508	4930	1

⁽¹⁾ Rake angle axial

⁽²⁾ Rake angle radial

⁽³⁾ Master insert identification

⁽⁴⁾ Coolant pressure (PSI)

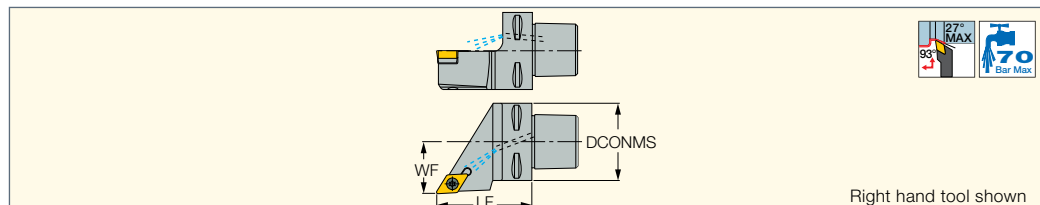
⁽⁵⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation									
C4 PCLXR/L-27050-12X-JHP	TCNX 423	LR 4X-CA	PN 3-4	SP 4	HW 3.0	CU-CW-JHP	SR LCS 5	T-8/5	SR M3X3 DIN913 TL360
C5 PCLXR/L-35060-12X-JHP	TCNX 423	LR 4X-CA	PN 3-4	SP 4	HW 3.0	CU-CW-JHP	SR LCS 5	T-8/5	SR M4X4 DIN913 TL360
C6 PCLXR/L-45065-12X-JHP	TCNX 423	LR 4X-CA	PN 3-4	SP 4	HW 3.0	CU-CW-JHP	SR LCS 5	T-8/5	SR M5X5 DIN913 TL360

ISOTURN**C#-SDJCR/L**

Screw Lock Tools with
CAMFIX Exchangeable Shanks
Carrying 55° Rhombic Inserts
with 7° Clearance Angle

**M E T R I C**

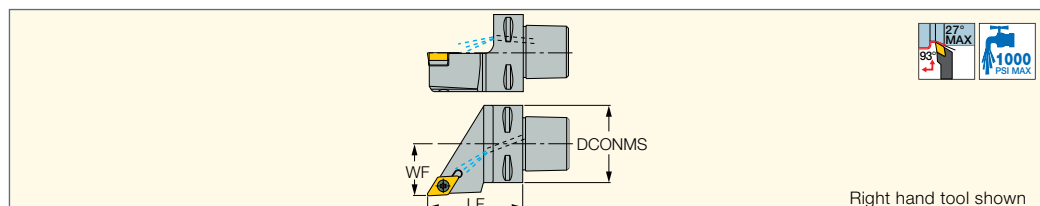
Designation	DCONMS	WF	LF	MIID ⁽¹⁾	DCP ⁽²⁾						
C4 SDJCR-27050-11	40.00	27.00	50.00	DC.. 11T3	1	TDC 3-1P	SR TC-3P	HW 4.0	SR 16-236 P	T-15/5	EZ 83
C5 SDJCR-35060-11	50.00	35.00	60.00	DC.. 11T3	1	TDC 3-1P	SR TC-3P	HW 4.0	SR 16-236 P	T-15/5	EZ 104

⁽¹⁾ Master insert identification

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

ISOTURN**C#-SDJCR/L**

Screw Lock Tools with
CAMFIX Exchangeable Shanks
Carrying 55° Rhombic Inserts
with 7° Clearance Angle

**I N C H**

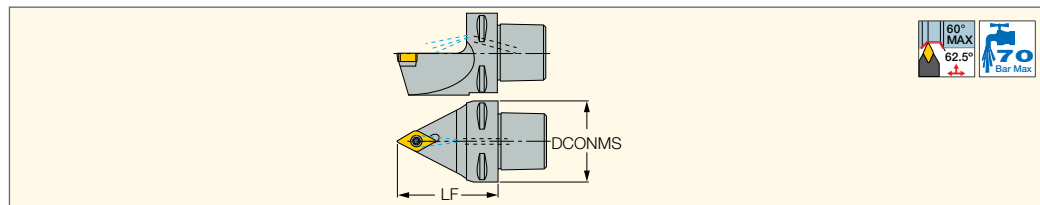
Designation	DCONMS	WF	LF	MIID ⁽¹⁾	DCP ⁽²⁾						
C4 SDJCR-27050-11	1.575	1.063	1.968	DC..3..	1	TDC 3-1P	SR TC-3P	HW 4.0	SR 16-236 P	T-15/5	EZ 83
C5 SDJCR-35060-11	1.968	1.378	2.362	DC..3..	1	TDC 3-1P	SR TC-3P	HW 4.0	SR 16-236 P	T-15/5	EZ 104

⁽¹⁾ Master insert identification

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

ISOTURN**C#-SDNCN**

Screw Lock Tools with
CAMFIX Exchangeable Shanks
Carrying 55° Rhombic Inserts
with 7° Clearance Angle

**M E T R I C**

Designation	DCONMS	LF	MIID ⁽¹⁾	CP ⁽²⁾	DCP ⁽³⁾						
C4 SDNCN-00050-11	40.00	50.00	DC.. 11T3	70	1	TDC 3-1P	SR TC-3P	HW 4.0	SR 16-236 P	T-15/5	EZ 104

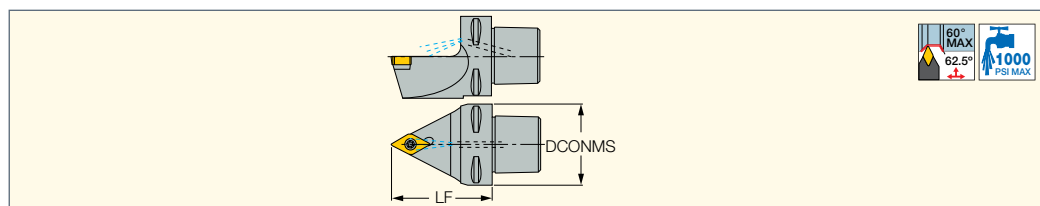
⁽¹⁾ Master insert identification

⁽²⁾ Coolant pressure (Bar)

⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

ISOTURN**C#-SDNCN**

Screw Lock Tools with
CAMFIX Exchangeable Shanks
Carrying 55° Rhombic Inserts
with 7° Clearance Angle

**I N C H**

Designation	DCONMS	LF	MIID ⁽¹⁾	CP ⁽²⁾	DCP ⁽³⁾						
C4 SDNCN-00050-11	1.575	1.968	DC.. 3..	1000	1	TDC 3-1P	SR TC-3P	HW 4.0	SR 16-236 P	T-15/5	EZ 104

⁽¹⁾ Master insert identification

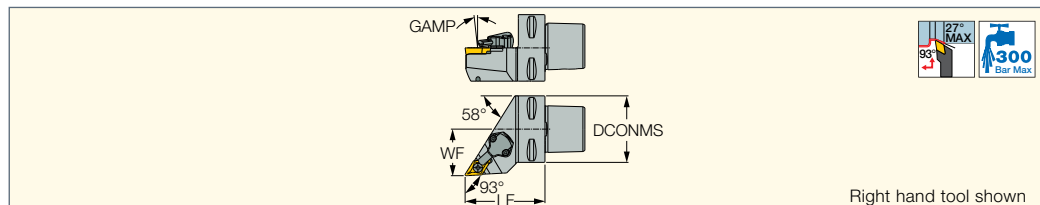
⁽²⁾ Coolant pressure (PSI)

⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

T-LOCK

C#-SDJCR/L-13-SL-JHP

Screw Clamp Tools with CAMFIX Shanks and Channels for High-Pressure Coolant Carrying Positive 55° Rhombic Inserts



Right hand tool shown

	M E T R I C					
Designation	DCONMS	WF	LF	GAMP ⁽¹⁾	MIID ⁽²⁾	DCP ⁽³⁾
C3 SDJCR-22040-13-SL-JHP	32.00	22.00	40.00	0.0	DCMT 13T5-SL	0
C4 SDJCR/L-27055-13-SL-JHP	40.00	27.00	55.00	0.0	DCMT 13T5-SL	1
C5 SDJCR/L-35060-13-SL-JHP	50.00	35.00	60.00	0.0	DCMT 13T5-SL	1

⁽¹⁾ Rake angle axial

⁽²⁾ Master insert identification

⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

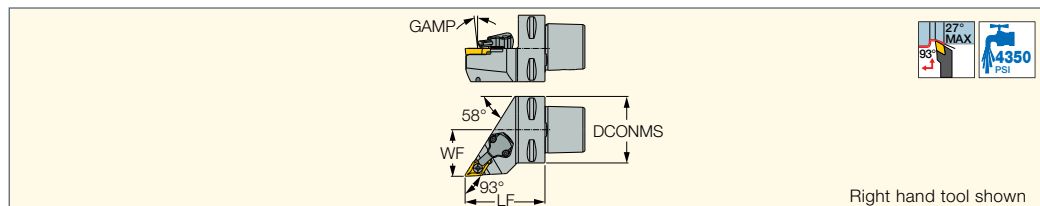
Spare Parts

Designation					
C3 SDJCR-22040-13-SL-JHP	CH-1.9D-JHP	SR M4X4 DIN913 TL360	SR M4X0.7-L9.5 IP15	SR M4X0.7-L9.6 IP15	T-8/5
C4 SDJCR/L-27055-13-SL-JHP	CU-D-JHP	SR M5X5 DIN913 TL360	SR M4X0.7-L9.6 IP15		T-8/5
C5 SDJCR/L-35060-13-SL-JHP	CU-D-JHP	SR M5X5 DIN913 TL360	SR M4X0.7-L9.6 IP15		T-8/5

T-LOCK

C#-SDJCR/L-13-SL-JHP

Screw Clamp Tools with CAMFIX Shanks and Channels for High-Pressure Coolant Carrying Positive 55° Rhombic Inserts



Right hand tool shown

	I N C H					
Designation	DCONMS	WF	LF	GAMP ⁽¹⁾	MIID ⁽²⁾	DCP ⁽³⁾
C3 SDJCR-22040-13-SL-JHP	1.260	.866	1.575	0	DCMT 13T5-SL	0
C4 SDJCR/L-27055-13-SL-JHP	1.575	1.063	2.165	0	DCMT 13T5-SL	1
C5 SDJCR/L-35060-13-SL-JHP	1.968	1.378	2.362	0	DCMT 13T5-SL	1

⁽¹⁾ Rake angle axial

⁽²⁾ Master insert identification

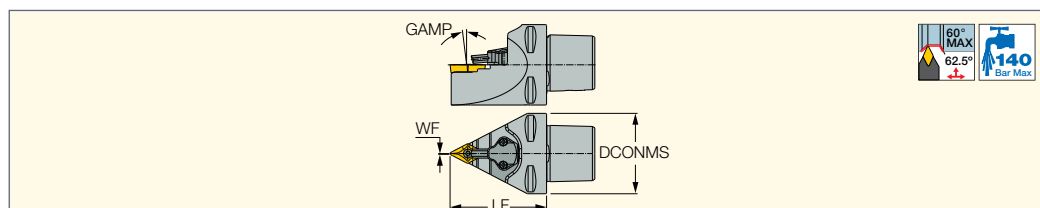
⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation					
C3 SDJCR-22040-13-SL-JHP	CH-1.9D-JHP	SR M4X4 DIN913 TL360	SR M4X0.7-L9.5 IP15	SR M4X0.7-L9.6 IP15	T-8/5
C4 SDJCR/L-27055-13-SL-JHP	CU-D-JHP	SR M5X5 DIN913 TL360	SR M4X0.7-L9.6 IP15		T-8/5
C5 SDJCR/L-35060-13-SL-JHP	CU-D-JHP	SR M5X5 DIN913 TL360	SR M4X0.7-L9.6 IP15		T-8/5

T-LOCK**C#-SDNCN-13-SL-JHP**

Screw Clamp Tools with CAMFIX
Shanks and Channels for
High-Pressure Coolant Carrying
Positive 55° Rhombic Inserts



M E T R I C							
Designation	DCONMS	WF	LF	GAMP ⁽¹⁾	MIID ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C3 SDNCN-00045-13-SL-JHP	32.00	0.50	45.00	0.0	DCMT 13T5-SL	140	0
C4 SDNCN-00060-13-SL-JHP	40.00	0.50	60.00	0.0	DCMT 13T5-SL	140	1
C5 SDNCN-00060-13-SL-JHP	50.00	0.50	60.00	0.0	DCMT 13T5-SL	140	1

⁽¹⁾ Rake angle axial

⁽²⁾ Master insert identification

⁽³⁾ Coolant pressure (Bar)

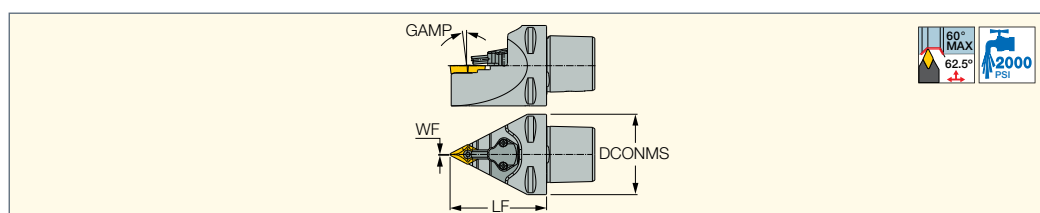
⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation					
C3 SDNCN-00045-13-SL-JHP	CH-1.9D-JHP	WASHER 4.2X5.6X0.5	SR M4X4 DIN913 TL360	SR M4X0.7-L9.5 IP15	
C4 SDNCN-00060-13-SL-JHP	CU-D-JHP			SR M4X0.7-L9.6 IP15	T-8/5
C5 SDNCN-00060-13-SL-JHP	CU-D-JHP			SR M4X0.7-L9.6 IP15	T-8/5

T-LOCK**C#-SDNCN-13-SL-JHP**

Screw Clamp Tools with CAMFIX
Shanks and Channels for
High-Pressure Coolant Carrying
Positive 55° Rhombic Inserts



I N C H							
Designation	DCONMS	WF	LF	GAMP ⁽¹⁾	MIID ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C3 SDNCN-00045-13-SL-JHP	1.260	.020	1.772	0	DCMT 13T5-SL	2000	0
C4 SDNCN-00060-13-SL-JHP	1.575	.020	2.362	0	DCMT 13T5-SL	2000	1
C5 SDNCN-00060-13-SL-JHP	1.968	.020	2.362	0	DCMT 13T5-SL	2000	1

⁽¹⁾ Rake angle axial

⁽²⁾ Master insert identification

⁽³⁾ Coolant pressure (PSI)

⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip

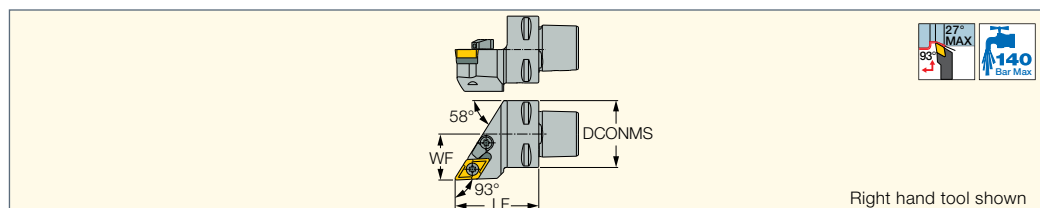
Spare Parts

Designation					
C3 SDNCN-00045-13-SL-JHP	CH-1.9D-JHP	WASHER 4.2X5.6X0.5	SR M4X4 DIN913 TL360	SR M4X0.7-L9.5 IP15	
C4 SDNCN-00060-13-SL-JHP	CU-D-JHP			SR M4X0.7-L9.6 IP15	T-8/5
C5 SDNCN-00060-13-SL-JHP	CU-D-JHP			SR M4X0.7-L9.6 IP15	T-8/5

ISOTURN

C#-SDJCR-JHP

Screw Clamp Tools with CAMFIX Shanks and Channels for High-Pressure Coolant Carrying Positive 55° Rhombic Inserts



	M E T R I C					
Designation	DCONMS	WF	LF	MIID ⁽¹⁾	CP ⁽²⁾	DCP ⁽³⁾
C3 SDJCR-22040-11-JHP	32.00	22.00	40.00	DC.. 11T3	140	0

⁽¹⁾ Master insert identification

⁽²⁾ Coolant pressure (Bar)

⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

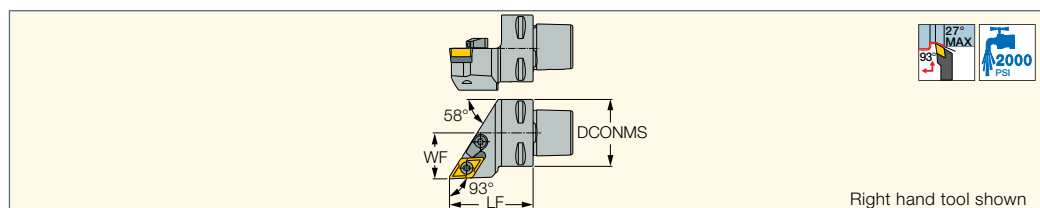
Spare Parts

Designation									
C3 SDJCR-22040-11-JHP	TDC 3-1P	SR TC-3P	SR 16-236 P	SR M3 CONE	T-15/5	CH-1.9D-JHP	WASHER 4.2X5.6X0.5	SR M4X4 DIN913 TL360	HW 4.0

ISOTURN

C#-SDJCR-JHP

Screw Clamp Tools with CAMFIX Shanks and Channels for High-Pressure Coolant Carrying Positive 55° Rhombic Inserts



	I N C H					
Designation	DCONMS	WF	LF	MIID ⁽¹⁾	CP ⁽²⁾	DCP ⁽³⁾
C3 SDJCR-22040-11-JHP	1.260	.866	1.575	DC.. 3..	2000	0

⁽¹⁾ Master insert identification

⁽²⁾ Coolant pressure (PSI)

⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation									
C3 SDJCR-22040-11-JHP	TDC 3-1P	SR TC-3P	SR 16-236 P	SR M3 CONE	T-15/5	CH-1.9D-JHP	WASHER 4.2X5.6X0.5	SR M4X4 DIN913 TL360	HW 4.0



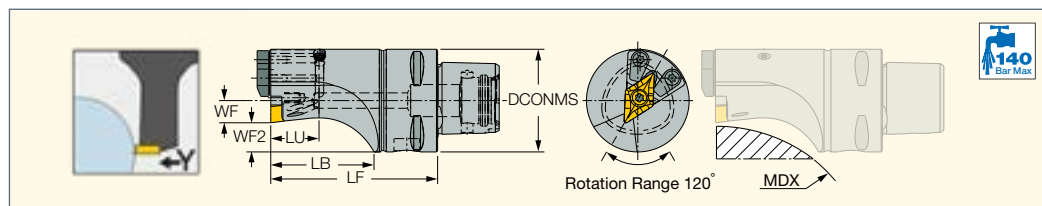
FRONT VIEW



BACK VIEW

C#-SDJCN-13-Y

Y-Axis Turning Tools Carrying
55° Diamond Inserts with
7° Clearance Angle

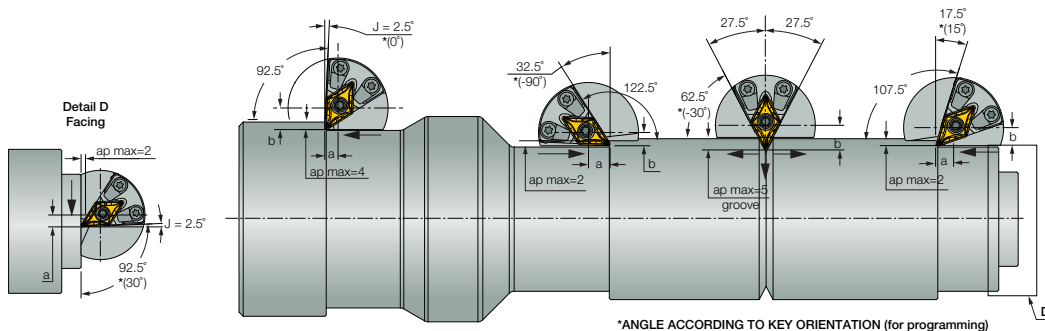


M E T R I C									
Designation	DCONMS	LU	LB	LF	WF	WF2	MDX ⁽¹⁾	DCP ⁽²⁾	MIID ⁽³⁾
C4 SDJCN-13-SL-H65-Y	40.00	18.80	40.20	65.00	8.64	11.4	120.00	1	DCMT 13T504-F3P-SL
C4 SDJCN-13-SL-H80-Y	40.00	30.30	54.40	80.00	8.64	11.4	210.00	1	DCMT 13T504-F3P-SL
C5 SDJCN-13-SL-H80-Y	50.00	28.20	53.70	80.00	10.76	14.2	180.00	1	DCMT 13T504-F3P-SL
C5 SDJCN-13-SL-H100-Y	50.00	48.20	73.70	100.00	10.76	14.2	320.00	1	DCMT 13T504-F3P-SL
C6 SDJCN-13-SL-H100-Y	63.00	46.80	73.80	100.00	13.44	18.1	260.00	1	DCMT 13T504-F3P-SL
C6 SDJCN-13-SL-H125-Y	63.00	71.30	98.30	125.00	13.44	18.1	420.00	1	DCMT 13T504-F3P-SL

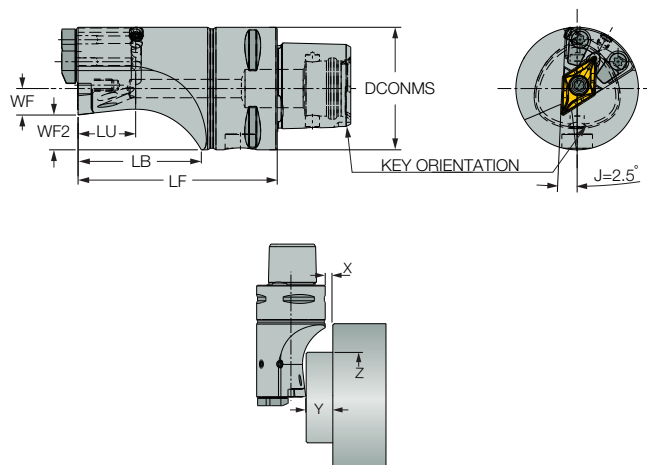
⁽¹⁾ Machinable diameter maximum (For D>2*LF please use extension adapters with same diameter)

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

⁽³⁾ Master insert identification

Positioning Angle Samples DCMT-SL

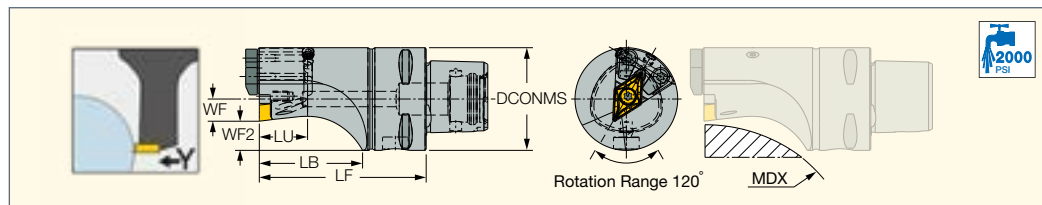
		Deg		Position angle			
				92.5	122.5	62.5	107.5
		AP max	Longitudinal	4	2	5	2
Face	2						
	D min	Longitudinal	9	80	0	20	
		Face	0				
C4	a		5.32	8.64	0	7.2	
	b		8.64	5.32	9.85	7.2	
	Longitudinal	D max	h=65	120			
			h=80	210			
	Face	D max	h=65	70			
			h=80	70			
C5	a		6.55	10.76	0	8.93	
	b		10.76	6.55	12.3	8.93	
	Longitudinal	D max	h=80	180			
			h=100	360			
	Face	D max	h=80	70			
			h=100	110			
C6	a		8.1	13.44	0	11.12	
	b		13.44	8.1	15.4	11.12	
	Longitudinal	D max	h=100	260			
			h=125	420			
	Face	D max	h=100	150			
			h=125	150			
HSK A63	a		8.1	13.44	0	11.12	
	b		13.44	8.1	15.4	11.12	
	Longitudinal	D max	h=100	215			
			h=125	390			
	Face	D max	h=100	90			
			h=125	140			



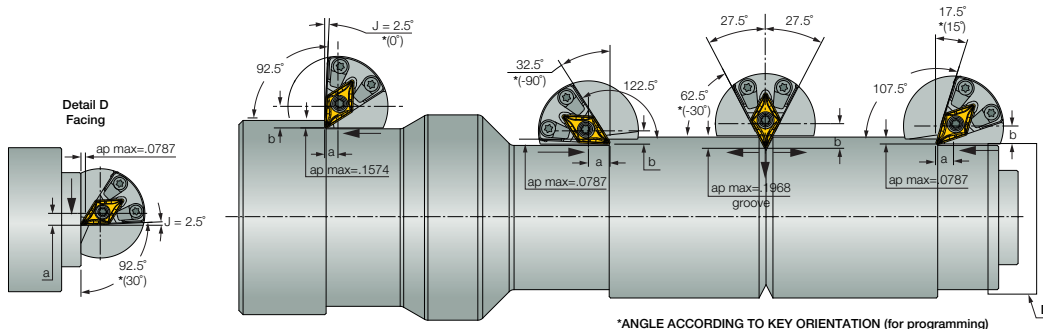
Item	Description	X	Y	Z
3400355	C4-SDJCN-13-SL-H65-Y	2.6	14	45
3395647	C4-SDJCN-13-SL-H80-Y	2.6	14	70
3400356	C5-SDJCN-13-SL-H80-Y	2.8	16	70
3395648	C5-SDJCN-13-SL-H100-Y	2.8	17	110
3400357	C6-SDJCN-13-SL-H100-Y	2.0	20	100
3394803	C6-SDJCN-13-SL-H125-Y	2.2	20.2	150
3395679	HSK A63WH-SDJCN-13SL-100Y	2.6	20.6	90
3395678	HSK A63WH-SDJCN-13SL-125Y	2.6	20.6	140

Spare Parts

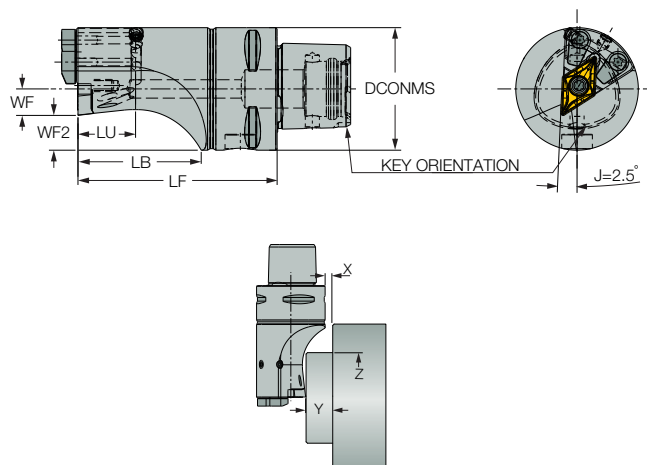
Designation					
C#-SDJCN-13-Y	CH-1.9D-JHP-A SET	BLD IP15/S7	SW6-T-SH	SR M4X4 DIN913 TL360	SR M4X0.7-L9.6 IP15

**ISO TURN****C#-SDJCN-13-Y**Y-Axis Turning Tools Carrying
55° Diamond Inserts with
7° Clearance Angle

	I N C H								
Designation	DCONMS	LU	LB	LF	WF	WF2	MDX ⁽¹⁾	DCP ⁽²⁾	MIID ⁽³⁾
C4 SDJCN-13-SL-H65-Y	1.575	.7401	1.583	2.559	.340	.45	4.724	1	DCMT 13T504-F3P-SL
C4 SDJCN-13-SL-H80-Y	1.575	1.1929	2.142	3.150	.340	.45	8.268	1	DCMT 13T504-F3P-SL
C5 SDJCN-13-SL-H80-Y	1.968	1.1102	2.114	3.150	.424	.56	7.087	1	DCMT 13T504-F3P-SL
C5 SDJCN-13-SL-H100-Y	1.968	1.8976	2.902	3.937	.424	.56	12.598	1	DCMT 13T504-F3P-SL
C6 SDJCN-13-SL-H100-Y	2.480	1.8425	2.906	3.937	.529	.71	10.236	1	DCMT 13T504-F3P-SL
C6 SDJCN-13-SL-H125-Y	2.480	2.8071	3.870	4.921	.529	.71	16.535	1	DCMT 13T504-F3P-SL

⁽¹⁾ Machinable diameter maximum (For D>2*LF please use extension adapters with same diameter)⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip⁽³⁾ Master insert identification**Positioning Angle Samples DCMT-SL**

		Deg		Position angle			
				92.5°	122.5°	62.5°	107.5°
		AP max	Longitudinal	.1574	.0787	.1968	.0787
Face	.0787						
D min	Longitudinal	.3543	3.149	0	.7874		
	Face	0					
C4	a		.2094	.3401	0	.2834	
	b		.3401	.2094	.3877	.2834	
	Longitudinal	D max	h=2.559	4.724			
			h=3.149	8.267			
	Face	D max	h=2.559	2.755			
			h=3.149	2.755			
C5	a		.2578	.4236	0	.3515	
	b		.4236	.2578	.4842	.3515	
	Longitudinal	D max	h=3.149	7.086			
			h=3.937	14.173			
	Face	D max	h=3.149	2.755			
			h=3.937	4.330			
C6	a		.3188	.5291	0	.4377	
	b		.5291	.3188	.6062	.4377	
	Longitudinal	D max	h=3.937	10.236			
			h=4.921	16.535			
	Face	D max	h=3.937	5.905			
			h=4.921	5.905			
HSK A63	a		.3188	.5291	0	.4377	
	b		.5291	.3188	.6062	.4377	
	Longitudinal	D max	h=3.937	8.464			
			h=4.921	15.354			
	Face	D max	h=3.937	3.543			
			h=4.921	5.511			



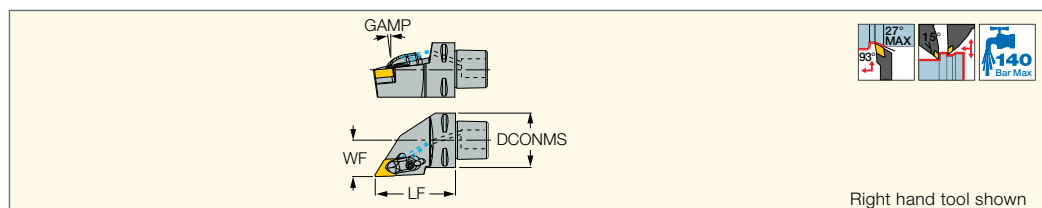
Item	Description	X	Y	Z
3400355	C4-SDJCN-13-SL-H65-Y	.1023	.5511	1.771
3395647	C4-SDJCN-13-SL-H80-Y	.1023	.5511	2.755
3400356	C5-SDJCN-13-SL-H80-Y	.1102	.6299	2.755
3395648	C5-SDJCN-13-SL-H100-Y	.1102	.6692	4.330
3400357	C6-SDJCN-13-SL-H100-Y	.0787	.7874	3.937
3394803	C6-SDJCN-13-SL-H125-Y	.0866	.7952	5.905
3395679	HSK A63WH-SDJCN-13SL-100Y	.1023	.8110	3.543
3395678	HSK A63WH-SDJCN-13SL-125Y	.1023	.8110	5.511

Spare Parts

Designation					
C#-SDJCN-13-Y	CH-1.9D-JHP-A SET	BLD IP15/S7	SW6-T-SH	SR M4X4 DIN913 TL360	SR M4X0.7-L9.6 IP15

ISOTURN**C#-DDJNR/L**

Tools with CAMFIX Exchangeable
Tapered Shanks Carrying
Negative 55° Rhombic Inserts



	M E T R I C						
Designation	DCONMS	WF	LF	MIID ⁽¹⁾	GAMP ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C4 DDJNR/L-27060-15	40.00	27.00	60.00	DN..15	-6.0	140	1
C5 DDJNR/L-35060-15	50.00	35.00	60.00	DN..15	-6.0	140	1
C6 DDJNR/L-45065-15	63.00	45.00	65.00	DN..15	-6.0	140	1

• Use RDT 443 seat for DN.. 1504.. inserts

⁽¹⁾ Master insert identification

⁽²⁾ Rake angle axial

⁽³⁾ Coolant pressure (Bar)

⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip

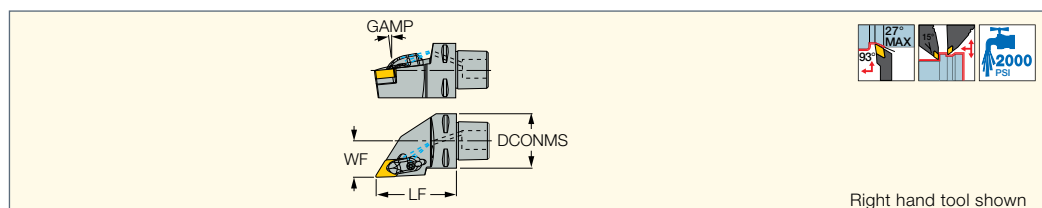
Spare Parts

Designation							
C4 DDJNL-27060-15	RDT 433	RDT 443*	T-15/5	LCGR-4	SR 10400270-25.5	SR 14-506 M4X0.7	EZ 62
C4 DDJNR-27060-15	RDT 433		T-15/5	LCGR-4	SR 10400270-25.5	SR 14-506 M4X0.7	EZ 62
C5 DDJNL-35060-15	RDT 433		T-15/5	LCGR-4	SR 10400270-25.5	SR 14-506 M4X0.7	EZ 83
C5 DDJNR-35060-15	RDT 433	RDT 443*	T-15/5	LCGR-4	SR 10400270-25.5	SR 14-506 M4X0.7	EZ 83
C6 DDJNR/L-45065-15	RDT 433	RDT 443*	T-15/5	LCGR-4	SR 10400270-25.5	SR 14-506 M4X0.7	EZ 104

* Optional, to be ordered separately

ISOTURN**C#-DDJNR/L**

Tools with CAMFIX Exchangeable
Tapered Shanks Carrying
Negative 55° Rhombic Inserts



	I N C H						
Designation	DCONMS	WF	LF	MIID ⁽¹⁾	GAMP ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C4 DDJNR/L-27060-15	1.575	1.063	2.362	DN..4..	-6.0	2000	1
C5 DDJNR/L-35060-15	1.968	1.378	2.362	DN..4..	-6.0	2000	1
C6 DDJNR/L-45065-15	2.480	1.772	2.559	DN..4..	-6.0	2000	1

• Use RDT 443 seat for DN.. 43. inserts

⁽¹⁾ Master insert identification

⁽²⁾ Rake angle axial

⁽³⁾ Coolant pressure (PSI)

⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

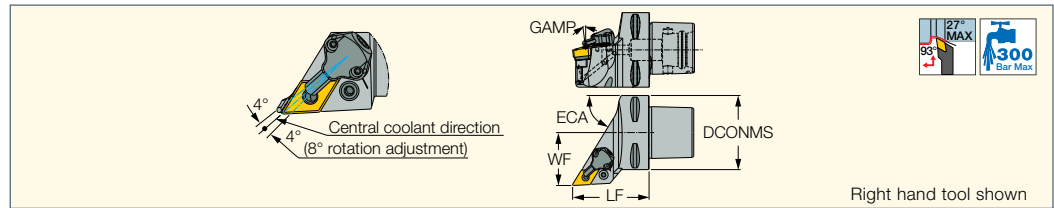
Designation							
C4 DDJNL-27060-15	RDT 433	RDT 443*	T-15/5	LCGR-4	SR 10400270-25.5	SR 14-506 M4X0.7	EZ 62
C4 DDJNR-27060-15	RDT 433		T-15/5	LCGR-4	SR 10400270-25.5	SR 14-506 M4X0.7	EZ 62
C5 DDJNL-35060-15	RDT 433		T-15/5	LCGR-4	SR 10400270-25.5	SR 14-506 M4X0.7	EZ 83
C5 DDJNR-35060-15	RDT 433	RDT 443*	T-15/5	LCGR-4	SR 10400270-25.5	SR 14-506 M4X0.7	EZ 83
C6 DDJNR/L-45065-15	RDT 433	RDT 443*	T-15/5	LCGR-4	SR 10400270-25.5	SR 14-506 M4X0.7	EZ 104

* Optional, to be ordered separately

ISOTURN

C#-PDJNR/L-JHP

Lever Lock Tools with CAMFIX
Exchangeable Shanks and
Channels for High-Pressure
Coolant Carrying
Negative 55° Insert



M E T R I C								
Designation	DCONMS	WF	LF	GAMP ⁽¹⁾	ECA	MIID ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C3 PDJNR-22045-11-JHP	32.00	22.00	45.00	-6.0	58.0	DN.. 11..	300	0
C4 PDJNR/L-27050-11-JHP	40.00	27.00	50.00	-6.0	58.0	DN.. 11..	300	1
C5 PDJNR/L 35060-11-JHP	50.00	35.00	60.00	-6.0	58.0	DN.. 11..	300	1
C4 PDJNR/L-27055-15-JHP	40.00	27.00	55.00	-6.0	58.0	DN.. 15..	300	1
C5 PDJNR/L-35060-15-JHP	50.00	35.00	60.00	-6.0	58.0	DN.. 15..	300	1
C6 PDJNL-45065-15-JHP	63.00	45.00	65.00	-6.0	58.0	DN.. 15..	300	1
C6 PDJNR 45065-15-JHP	63.00	45.00	65.00	-6.0	58.0	DN.. 15..	300	1

⁽¹⁾ Rake angle axial

⁽²⁾ Master insert identification

⁽³⁾ Coolant pressure (Bar)

⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

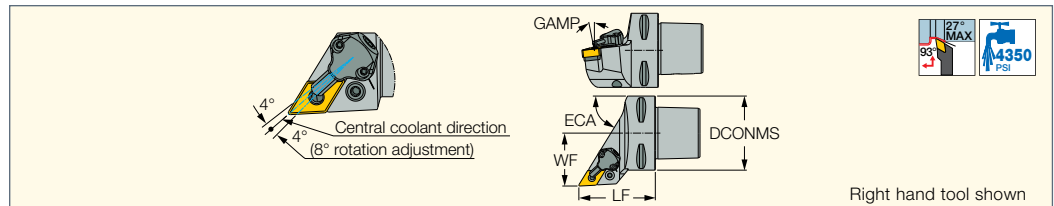
Designation									
C3 PDJNR-22045-11-JHP	TDN 322		LR 3D	SR 117-2014	SP 3	PN 3-4	CU-D-JHP	T-8/5	HW 2.5/5
C4 PDJNR/L-27050-11-JHP	TDN 322		LR 3D	SR 117-2014	SP 3	PN 3-4	CU-D-JHP	T-8/5	HW 2.5/5
C5 PDJNR/L 35060-11-JHP	TDN 322		LR 3D	SR 117-2014	SP 3	PN 3-4	CU-D-JHP	T-8/5	HW 2.5/5
C4 PDJNR/L-27055-15-JHP	TDN 422	TDN 432*	LR 4D	SR 117-2010	SP 4	PN 3-4	CU-D-JHP	T-8/5	HW 3.0
C5 PDJNR/L-35060-15-JHP	TDN 422	TDN 432*	LR 4D	SR 117-2010	SP 4	PN 3-4	CU-D-JHP	T-8/5	HW 3.0
C6 PDJNL-45065-15-JHP	TDN 422	TDN 432*	LR 4D	SR 117-2010	SP 4	PN 3-4	CU-D-JHP	T-8/5	HW 3.0
C6 PDJNR 45065-15-JHP	TDN 422	TDN 432*	LR 4D	SR 117-2010	SP 4	PN 3-4	CU-D-JHP	T-8/5	HW 3.0

* Optional, to be ordered separately

ISOTURN

C#-PDJNR/L-JHP

Lever Lock Tools with CAMFIX
Exchangeable Shanks and
Channels for High-Pressure
Coolant Carrying
Negative 55° Insert



I N C H								
Designation	DCONMS	WF	LF	GAMP ⁽¹⁾	ECA	MIID ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C3 PDJNR-22045-11-JHP	1.260	.866	1.772	-6.0	58.0	DN..3..	4350	0
C4 PDJNR/L-27050-11-JHP	1.575	1.063	1.968	-6.0	58.0	DN..3..	4350	1
C5 PDJNR/L 35060-11-JHP	1.968	1.378	2.362	-6.0	58.0	DN..3..	4350	1
C4 PDJNR/L-27055-15-JHP	1.575	1.063	2.165	-6.0	58.0	DN..4..	4350	1
C5 PDJNR/L-35060-15-JHP	1.968	1.378	2.362	-6.0	58.0	DN..4..	4350	1
C6 PDJNL-45065-15-JHP	2.480	1.772	2.559	-6.0	58.0	DN..4..	4350	1
C6 PDJNR 45065-15-JHP	2.480	1.772	2.559	-6.0	58.0	DN..4..	4350	1

⁽¹⁾ Rake angle axial

⁽²⁾ Master insert identification

⁽³⁾ Coolant pressure (PSI)

⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip

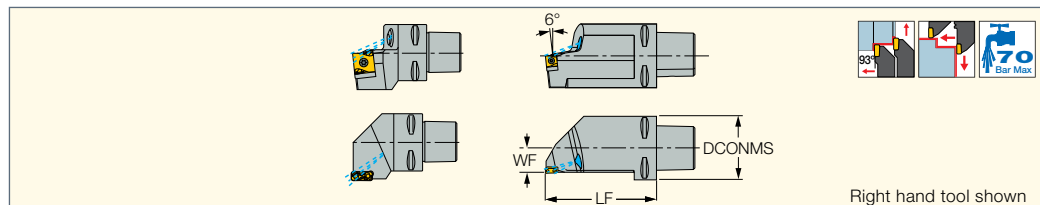
Spare Parts

Designation									
C3 PDJNR-22045-11-JHP	TDN 322		LR 3D	SR 117-2014	SP 3	PN 3-4	CU-D-JHP	T-8/5	HW 2.5/5
C4 PDJNR/L-27050-11-JHP	TDN 322		LR 3D	SR 117-2014	SP 3	PN 3-4	CU-D-JHP	T-8/5	HW 2.5/5
C5 PDJNR/L 35060-11-JHP	TDN 322		LR 3D	SR 117-2014	SP 3	PN 3-4	CU-D-JHP	T-8/5	HW 2.5/5
C4 PDJNR/L-27055-15-JHP	TDN 422	TDN 432*	LR 4D	SR 117-2010	SP 4	PN 3-4	CU-D-JHP	T-8/5	HW 3.0
C5 PDJNR/L-35060-15-JHP	TDN 422	TDN 432*	LR 4D	SR 117-2010	SP 4	PN 3-4	CU-D-JHP	T-8/5	HW 3.0
C6 PDJNL-45065-15-JHP	TDN 422	TDN 432*	LR 4D	SR 117-2010	SP 4	PN 3-4	CU-D-JHP	T-8/5	HW 3.0
C6 PDJNR 45065-15-JHP	TDN 422	TDN 432*	LR 4D	SR 117-2010	SP 4	PN 3-4	CU-D-JHP	T-8/5	HW 3.0

* Optional, to be ordered separately

**C#-SLANR/L-TANG**

Tools with CAMFIX Shanks
Carrying the LNMX-HT
Tangentially Screw
Clamped Inserts for High
Production Cutting



Right hand tool shown

M E T R I C						
Designation	DCONMS	LF	WF	MID ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C4 SLANR-27050-11 TANG	40.00	50.00	27.00	LNMX 1104..	70	1
C4 SLANR/L-27050-15 TANG	40.00	50.00	27.00	LNMX 1506..	70	1
C5 SLANR/L-35060-15 TANG	50.00	60.00	35.00	LNMX 1506..	70	1
C6 SLANR 25110-15 TANG ⁽¹⁾	63.00	110.00	25.00	LNMX 1506..	70	1
C6 SLANR/L-45065-15 TANG	63.00	65.00	45.00	LNMX 1506..	70	1
C6 SLANR/L-45065-22 TANG	63.00	65.00	45.00	LNMX 2210..	70	1

• a_p max for facing: LNMX 11-2.8 mm, LNMX 15-3.8 mm

⁽¹⁾ Designed for mill-turn machines

⁽²⁾ Master insert identification

⁽³⁾ Coolant pressure (Bar)

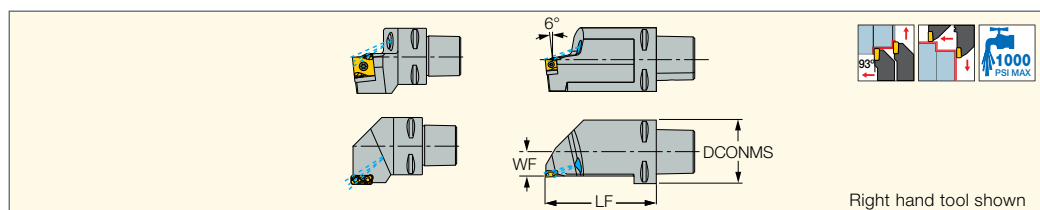
⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation							
C4 SLANR-27050-11 TANG	TLN 11R-HT	SR RS4	T-6/5	SR 34-550-C	BLD T10/S7	SW6-SD	EZ 83
C4 SLANR/L-27050-15 TANG	TLN 15R/L-HT	SR RS4	T-6/5	SR 34-535-SN	BLD T15/S7	SW6-T-SH	EZ 104
C5 SLANR/L-35060-15 TANG	TLN 15R/L-HT	SR RS4	T-6/5	SR 34-535-SN	BLD T15/S7	SW6-T-SH	EZ 104
C6 SLANR 25110-15 TANG	TLN 15R/L-HT	SR RS4	T-6/5	SR 34-535-SN	BLD T15/S7	SW6-T-SH	EZ 146
C6 SLANR/L-45065-15 TANG	TLN 15R/L-HT	SR RS4	T-6/5	SR 34-535-SN	BLD T15/S7	SW6-T-SH	EZ 104
C6 SLANR/L-45065-22 TANG	TLN 22R/L-HT	SR 10500401	T-7/5	SR 14-591/L-SN	BLD T20/S7	SW6-T-SH	EZ 104

**C#-SLANR/L-TANG**

Tools with CAMFIX Shanks
Carrying the LNMX-HT Tangentially
Screw Clamped Inserts for
High Production Cutting



Right hand tool shown

I N C H						
Designation	DCONMS	LF	WF	MID ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C4 SLANR-27050-11 TANG	1.575	1.968	1.063	LNMX 1104..	1000	1
C4 SLANR/L-27050-15 TANG	1.575	1.968	1.063	LNMX 1506..	1000	1
C5 SLANR/L-35060-15 TANG	1.968	2.362	1.378	LNMX 1506..	1000	1
C6 SLANR 25110-15 TANG ⁽¹⁾	2.480	4.331	.984	LNMX 1506..	1000	1
C6 SLANR/L-45065-15 TANG	2.480	2.559	1.772	LNMX 1506..	1000	1
C6 SLANR/L-45065-22 TANG	2.480	2.559	1.772	LNMX 2210..	1000	1

• a_p max for facing: LNMX 11-.11", LNMX 15-.15"

⁽¹⁾ Designed for mill-turn machines

⁽²⁾ Master insert identification

⁽³⁾ Coolant pressure (PSI)

⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip

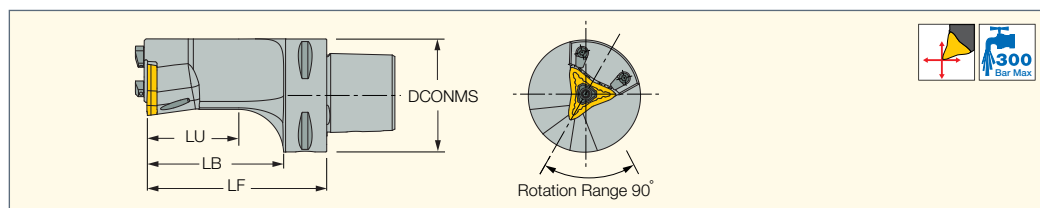
Spare Parts

Designation							
C4 SLANR-27050-11 TANG	TLN 11R-HT	SR RS4	T-6/5	SR 34-550-C	BLD T10/S7	SW6-SD	EZ 83
C4 SLANR/L-27050-15 TANG	TLN 15R/L-HT	SR RS4	T-6/5	SR 34-535-SN	BLD T15/S7	SW6-T-SH	EZ 104
C5 SLANR/L-35060-15 TANG	TLN 15R/L-HT	SR RS4	T-6/5	SR 34-535-SN	BLD T15/S7	SW6-T-SH	EZ 104
C6 SLANR 25110-15 TANG	TLN 15R-HT	SR RS4	T-6/5	SR 34-535-SN	BLD T15/S7	SW6-T-SH	EZ 146
C6 SLANL-45065-15 TANG	TLN 15R/L-HT						
C6 SLANR/L-45065-15 TANG		SR RS4	T-6/5	SR 34-535-SN	BLD T15/S7	SW6-T-SH	EZ 104
C6 SLANR-45065-15 TANG	TLN 15R-HT						
C6 SLANR/L-45065-22 TANG	TLN 22R/L-HT	SR 10500401	T-7/5	SR 14-591/L-SN	BLD T20/S7	SW6-T-SH	EZ 104

QUICKLOCK

C#-Q3-SMXCN-SL-Y

Y-Axis Turning Tools with Safety Lock Clamping Mechanism for Positive Inserts, for Roughing and Medium Applications



M E T R I C						
Designation	DCONMS	LU	LB	LF	CSP ⁽¹⁾	MIID ⁽²⁾
C4 Q3-SMXCN-16-SL-H065-Y	40.00	38.50	43.50	65.00	1	Q3-MCMT1606
C5 Q3-SMXCN-16-SL-H080-Y	50.00	51.00	58.50	80.00	1	Q3-MCMT1606
C6 Q3-SMXCN-16-SL-H100-Y	63.00	51.00	76.00	100.00	1	Q3-MCMT1606
C8 Q3-SMXCN-16-SL-H100-Y	80.00	51.00	70.00	100.00	1	Q3-MCMT1606

• A cooling tube must be used with all coolant through HSK spindles (should be ordered separately).

⁽¹⁾ 0 - Without coolant supply, 1 - With coolant supply

⁽²⁾ Master insert identification

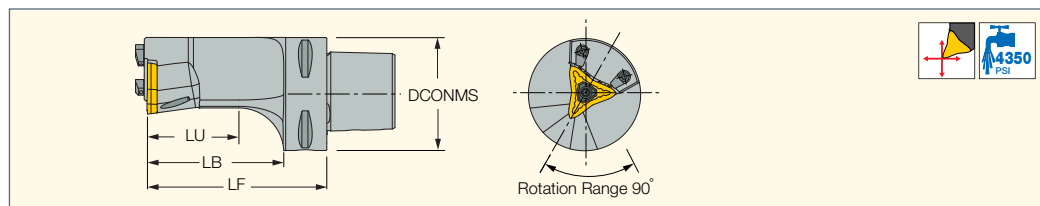
Spare Parts

Designation					
C4 Q3-SMXCN-16-SL-H065-Y	SR M5-14 IP20	SR M3X3 DIN913 TL360	BLD IP20/M7	SW6-T	CH-1.9D-JHP-A SET
C5 Q3-SMXCN-16-SL-H080-Y	SR M5-14 IP20	SR M5X5 DIN913 TL360	BLD IP20/M7	SW6-T	CH-1.9D-JHP-A SET
C6 Q3-SMXCN-16-SL-H100-Y	SR M5-14 IP20	SR M5X5 DIN913 TL360	BLD IP20/M7	SW6-T	CH-1.9D-JHP-A SET
C8 Q3-SMXCN-16-SL-H100-Y	SR M5-14 IP20	SR M5X5 DIN913 TL360	BLD IP20/M7	SW6-T	CH-1.9D-JHP-A SET

QUICKLOCK

C#-Q3-SMXCN-SL-Y

Y-Axis Turning Tools with Safety Lock Clamping Mechanism for Positive Inserts, for Roughing and Medium Applications



I N C H						
Designation	DCONMS	LU	LB	LF	CSP ⁽¹⁾	MIID ⁽²⁾
C4 Q3-SMXCN-16-SL-H065-Y	1.575	1.5157	1.713	2.559	1	Q3-MCMT1606
C5 Q3-SMXCN-16-SL-H080-Y	1.968	2.0079	2.303	3.150	1	Q3-MCMT1606
C6 Q3-SMXCN-16-SL-H100-Y	2.480	2.0079	2.992	3.937	1	Q3-MCMT1606
C8 Q3-SMXCN-16-SL-H100-Y	3.150	2.0079	2.756	3.937	1	Q3-MCMT1606

• A cooling tube must be used with all coolant through HSK spindles (should be ordered separately).

⁽¹⁾ 0 - Without coolant supply, 1 - With coolant supply

⁽²⁾ Master insert identification

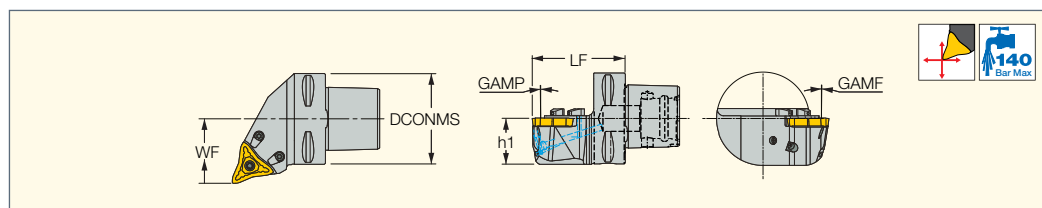
Spare Parts

Designation					
C4 Q3-SMXCN-16-SL-H065-Y	SR M5-14 IP20	SR M3X3 DIN913 TL360	BLD IP20/M7	SW6-T	CH-1.9D-JHP-A SET
C5 Q3-SMXCN-16-SL-H080-Y	SR M5-14 IP20	SR M5X5 DIN913 TL360	BLD IP20/M7	SW6-T	CH-1.9D-JHP-A SET
C6 Q3-SMXCN-16-SL-H100-Y	SR M5-14 IP20	SR M5X5 DIN913 TL360	BLD IP20/M7	SW6-T	CH-1.9D-JHP-A SET
C8 Q3-SMXCN-16-SL-H100-Y	SR M5-14 IP20	SR M5X5 DIN913 TL360	BLD IP20/M7	SW6-T	CH-1.9D-JHP-A SET

QUICKLOCK

C#-Q3-SMXCR/L-SL

Safety Lock Tools with CAMFIX
Shanks for High Feed Positive
Inserts for Roughing Applications



M E T R I C							
Designation	LF	h1	WF	DCONMS	GAMP ⁽¹⁾	GAMF ⁽²⁾	MIID ⁽³⁾
C5 Q3-SMXCR/L-35060-16-SL	60.00	25.5	35.00	50.00	0.0	0.0	C# Q3-SMXCL/R-##-16-SL
C6 Q3-SMXCR/L-45065-16-SL	65.00	32.0	45.00	63.00	0.0	0.0	C# Q3-SMXCL/R-##-16-SL

• A cooling tube must be used with all coolant through HSK spindles (should be ordered separately).

⁽¹⁾ Rake angle axial

⁽²⁾ Rake angle radial

⁽³⁾ Master insert identification

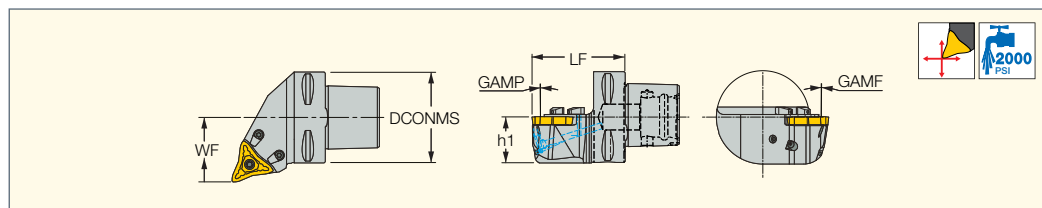
Spare Parts

Designation						
C#-Q3-SMXCR/L-SL	CH-1.9D-JHP-A SET	SR M5X5 DIN913 TL360	SW6-T	BLD IP20/M7	SR M5-14 IP20	SR M2.5X2.5 DIN913 TL360

QUICKLOCK

C#-Q3-SMXCR/L-SL

Safety Lock Tools with CAMFIX
Shanks for High Feed Positive
Inserts for Roughing Applications



I N C H							
Designation	LF	h1	WF	DCONMS	GAMP ⁽¹⁾	GAMF ⁽²⁾	MIID ⁽³⁾
C5 Q3-SMXCR/L-35060-16-SL	2.362	1.004	1.378	1.968	0	0	C# Q3-SMXCL/R-##-16-SL
C6 Q3-SMXCR/L-45065-16-SL	2.559	1.260	1.772	2.480	0	0	C# Q3-SMXCL/R-##-16-SL

• A cooling tube must be used with all coolant through HSK spindles (should be ordered separately).

⁽¹⁾ Rake angle axial

⁽²⁾ Rake angle radial

⁽³⁾ Master insert identification

Spare Parts

Designation						
C#-Q3-SMXCR/L-SL	CH-1.9D-JHP-A SET	SR M5X5 DIN913 TL360	SW6-T	BLD IP20/M7	SR M5-14 IP20	SR M2.5X2.5 DIN913 TL360



FRONT VIEW

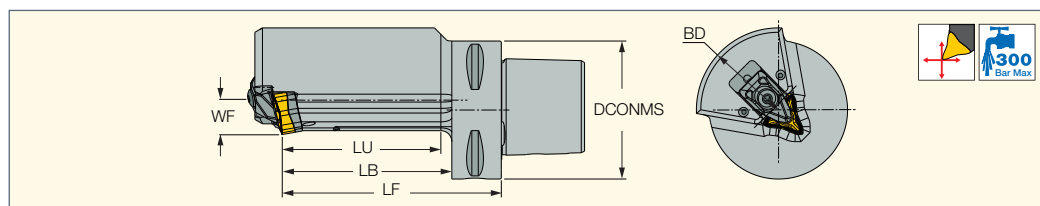


BACK VIEW

QUICKTURN

C#-Q6-DMXNN-SL-Y

Y-Axis Turning Tools with a Safety Lock Clamping Mechanism for Negative Inserts, Intended for Roughing and Medium Applications



M E T R I C							
Designation	BD	LF	LB	LU	WF	DCONMS	MIID ⁽¹⁾
C4 Q6-DMXNN-12-SL-H065-Y	40.20	65.00	44.40	34.40	11.20	40.00	Q6-MNMG1206
C5 Q6-DMXNN-12-SL-H080-Y	50.20	80.00	59.40	44.40	11.20	50.00	Q6-MNMG1206
C6 Q6-DMXNN-12-SL-H100-Y	63.20	100.00	77.40	62.40	11.20	63.00	Q6-MNMG1206
C8 Q6-DMXNN-12-SL-H100-Y	80.00	100.00	70.00	55.00	11.20	80.00	Q6-MNMG1206

⁽¹⁾ Master insert identification

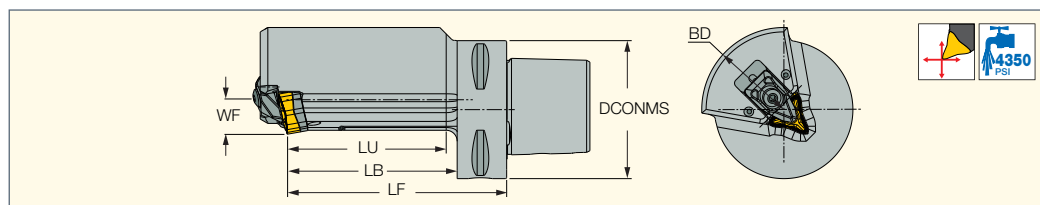
Spare Parts

Designation									
C#-Q6-DMXNN-SL-Y	L-KEY TORX PLUS IP20 62MM	SR 10513105-L10.5	Q6-TMN 1206-SL	HW 3.0	DSP 4	DLS 4	DLM 4	SR M4X4 DIN913 TL360	SR M2.5X2.5 DIN913 TL360

QUICKTURN

C#-Q6-DMXNN-SL-Y

Y-Axis Turning Tools with a Safety Lock Clamping Mechanism for Negative Inserts, Intended for Roughing and Medium Applications



I N C H							
Designation	BD	LF	LB	LU	WF	DCONMS	MIID ⁽¹⁾
C4 Q6-DMXNN-12-SL-H065-Y	1.5827	2.559	1.748	1.3543	.441	1.575	Q6-MNMG1206
C5 Q6-DMXNN-12-SL-H080-Y	1.9764	3.150	2.339	1.7480	.441	1.968	Q6-MNMG1206
C6 Q6-DMXNN-12-SL-H100-Y	2.4882	3.937	3.047	2.4567	.441	2.480	Q6-MNMG1206
C8 Q6-DMXNN-12-SL-H100-Y	3.1496	3.937	2.756	2.1654	.441	3.150	Q6-MNMG1206

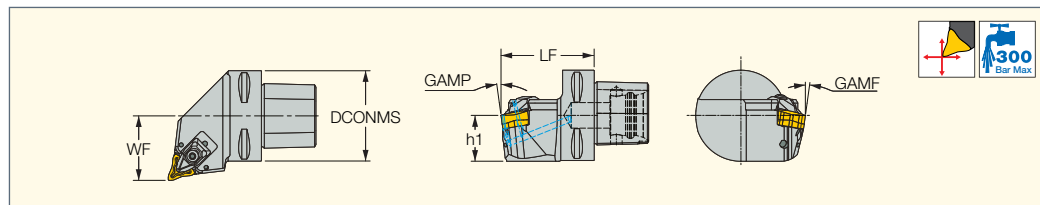
⁽¹⁾ Master insert identification

Spare Parts

Designation									
C#-Q6-DMXNN-SL-Y	L-KEY TORX PLUS IP20 62MM	SR 10513105-L10.5	Q6-TMN 1206-SL	HW 3.0	DSP 4	DLS 4	DLM 4	SR M4X4 DIN913 TL360	SR M2.5X2.5 DIN913 TL360

QUICKTURN**C#-Q6-DMXNR/L-SL**

Safety Lock Tools with CAMFIX
Shanks for High Feed Negative
Inserts for Roughing Applications



M E T R I C							
Designation	LF	h1	WF	DCONMS	GAMP ⁽¹⁾	GAMF ⁽²⁾	MIID ⁽³⁾
C4 Q6-DMXNR/L-27050-12-SL	50.00	26.0	27.00	40.00	7.8	7.8	Q6-MNMG1206#-M3#-SL
C5 Q6-DMXNR/L-35060-12-SL	60.00	25.5	35.00	50.00	7.8	7.8	Q6-MNMG1206#-M3#-SL
C6 Q6-DMXNR/L-45065-12-SL	65.00	32.5	45.00	63.00	7.8	7.8	Q6-MNMG1206#-M3#-SL
C8 Q6-DMXNR/L-55080-12-SL	80.00	41.0	55.00	80.00	7.8	7.8	Q6-MNMG1206#-M3#-SL

⁽¹⁾ Rake angle axial

⁽²⁾ Rake angle radial

⁽³⁾ Master insert identification

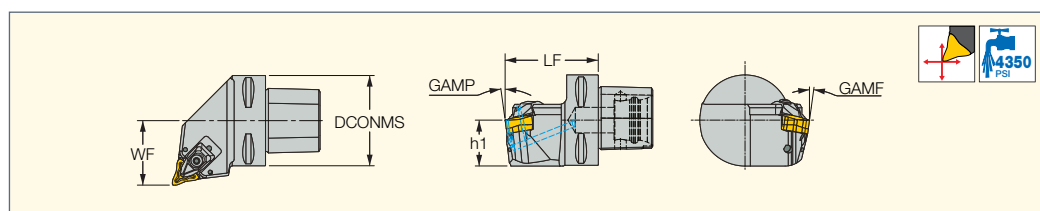
Spare Parts

Designation									
C4 Q6-DMXNR/L-27050-12-SL	DLM 4	DLS 4	DSP 4	HW 3.0	Q6-TMN 1206-SL	SR 10513105-L10.5	SR M5X5 DIN913 TL360	SR M2.5X2.5 DIN913 TL360	L-KEY TORX PLUS IP20 62MM
C5 Q6-DMXNR/L-35060-12-SL	DLM 4	DLS 4	DSP 4	HW 3.0	Q6-TMN 1206-SL	SR 10513105-L10.5	SR M5X5 DIN913 TL360	SR M2.5X2.5 DIN913 TL360	L-KEY TORX PLUS IP20 62MM
C6 Q6-DMXNR/L-45065-12-SL	DLM 4	DLS 4	DSP 4	HW 3.0	Q6-TMN 1206-SL	SR 10513105-L10.5	SR M5X5 DIN913 TL360	SR M2.5X2.5 DIN913 TL360	L-KEY TORX PLUS IP20 62MM
C8 Q6-DMXNR/L-55080-12-SL	DLM 4	DLS 4	DSP 4	HW 3.0	Q6-TMN 1206-SL	SR 10513105-L10.5	SR M5X5 DIN913 TL360	SR M2.5X2.5 DIN913 TL360	L-KEY TORX PLUS IP20 62MM*

* Optional, to be ordered separately

QUICKTURN**C#-Q6-DMXNR/L-SL**

Safety Lock Tools with CAMFIX
Shanks for High Feed Negative
Inserts for Roughing Applications



I N C H							
Designation	LF	h1	WF	DCONMS	GAMP ⁽¹⁾	GAMF ⁽²⁾	MIID ⁽³⁾
C4 Q6-DMXNR/L-27050-12-SL	1.968	1.024	1.063	1.575	7.8	7.8	Q6-MNMG1206#-M3#-SL
C5 Q6-DMXNR/L-35060-12-SL	2.362	1.004	1.378	1.968	7.8	7.8	Q6-MNMG1206#-M3#-SL
C6 Q6-DMXNR/L-45065-12-SL	2.559	1.280	1.772	2.480	7.8	7.8	Q6-MNMG1206#-M3#-SL
C8 Q6-DMXNR/L-55080-12-SL	3.150	1.614	2.165	3.150	7.8	7.8	Q6-MNMG1206#-M3#-SL

⁽¹⁾ Rake angle axial

⁽²⁾ Rake angle radial

⁽³⁾ Master insert identification

Spare Parts

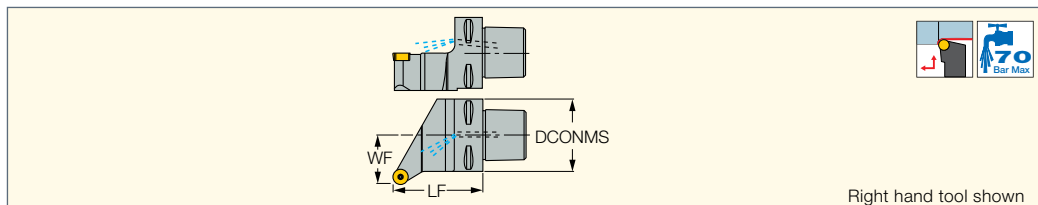
Designation									
C4 Q6-DMXNR/L-27050-12-SL	DLM 4	DLS 4	DSP 4	HW 3.0	Q6-TMN 1206-SL	SR 10513105-L10.5	SR M5X5 DIN913 TL360	SR M2.5X2.5 DIN913 TL360	L-KEY TORX PLUS IP20 62MM
C5 Q6-DMXNR/L-35060-12-SL	DLM 4	DLS 4	DSP 4	HW 3.0	Q6-TMN 1206-SL	SR 10513105-L10.5	SR M5X5 DIN913 TL360	SR M2.5X2.5 DIN913 TL360	L-KEY TORX PLUS IP20 62MM
C6 Q6-DMXNR/L-45065-12-SL	DLM 4	DLS 4	DSP 4	HW 3.0	Q6-TMN 1206-SL	SR 10513105-L10.5	SR M5X5 DIN913 TL360	SR M2.5X2.5 DIN913 TL360	L-KEY TORX PLUS IP20 62MM
C8 Q6-DMXNR/L-55080-12-SL	DLM 4	DLS 4	DSP 4	HW 3.0	Q6-TMN 1206-SL	SR 10513105-L10.5	SR M5X5 DIN913 TL360	SR M2.5X2.5 DIN913 TL360	L-KEY TORX PLUS IP20 62MM*

* Optional, to be ordered separately

ISOTURN

C#-SRGCR/L

Screw Lock Tools with
CAMFIX Exchangeable Shanks
Carrying Round Inserts
with 7° Clearance Angle



M E T R I C											
Designation	DCONMS	WF	LF	MIID ⁽¹⁾	CP ⁽²⁾	DCP ⁽³⁾					
C5 SRGCR-35060-12	50.00	35.00	60.00	RCMT 1204MO	70	1	TRC 4-0	SR TC-4	HW 3.0	SR 16-212 ^(a)	T-20/5

⁽¹⁾ Master insert identification

⁽²⁾ Coolant pressure (Bar)

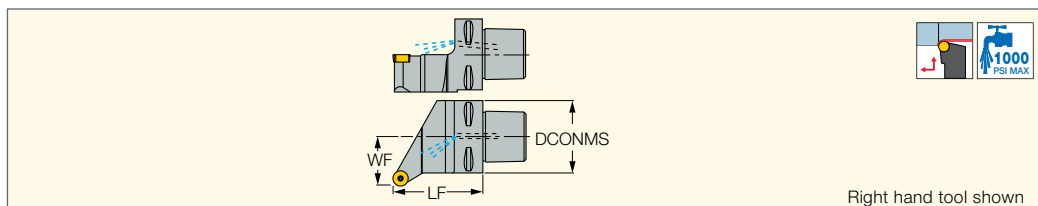
⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

^(a) Recommended tightening torque:4 N*m

ISOTURN

C#-SRGCR/L

Screw Lock Tools with
CAMFIX Exchangeable Shanks
Carrying Round Inserts
with 7° Clearance Angle



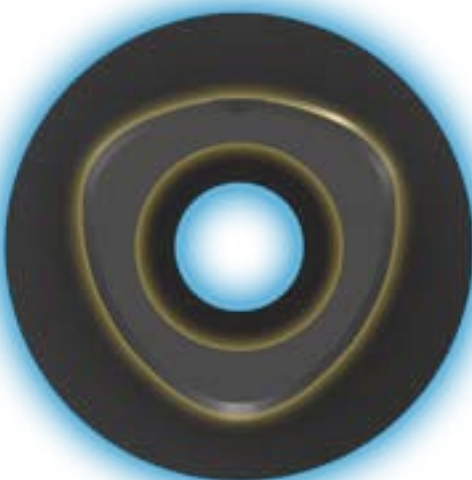
I N C H											
Designation	DCONMS	WF	LF	MIID ⁽¹⁾	CP ⁽²⁾	DCP ⁽³⁾					
C5 SRGCR-35060-12	1.968	1.378	2.362	RCMT 1204MO	1000	1	TRC 4-0	SR TC-4	HW 3.0	SR 16-212 ^(a)	T-20/5

⁽¹⁾ Master insert identification

⁽²⁾ Coolant pressure (PSI)

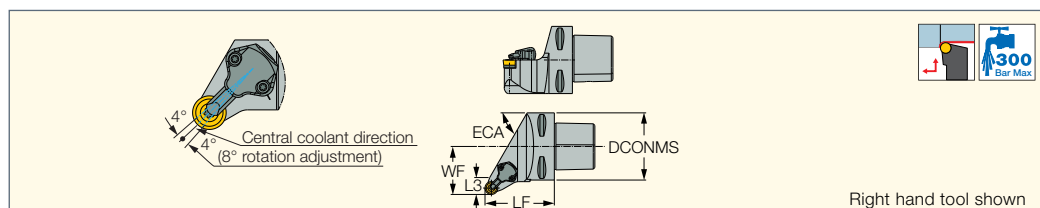
⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

^(a) Recommended tightening torque:4 N*m



ISOTURN**C#-SRGCR-12-JHP**

Screw Lock Tools with
CAMFIX Exchangeable Shanks
Carrying Round Inserts
with 7° Clearance Angle



	M E T R I C								
Designation	DCONMS	WF	LF	ECA	L3	GAMP ⁽¹⁾	MIID ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C6 SRGCR-45065-12-JHP	63.00	45.00	65.00	60.0	16.00	0.0	RCMT 1204MO	300	1

⁽¹⁾ Rake angle axial

⁽²⁾ Master insert identification

⁽³⁾ Coolant pressure (Bar)

⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip

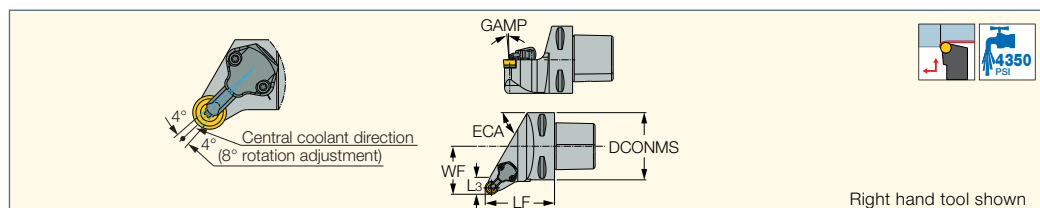
Spare Parts

Designation							
C6 SRGCR-45065-12-JHP	TRC 4-0	SR TC-4	T-20/5	SR 16-212 ^(a)	HW 3.0	CU-R-JHP	T-8/5

^(a) Recommended tightening torque: 4 N*m

ISOTURN**C#-SRGCR-12-JHP**

Screw Lock Tools with
CAMFIX Exchangeable Shanks
Carrying Round Inserts
with 7° Clearance Angle



	I N C H								
Designation	DCONMS	WF	LF	ECA	L3	GAMP ⁽¹⁾	MIID ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C6 SRGCR-45065-12-JHP	2.480	1.772	2.559	60.0	.630	0	RCMT 1204MO	4350	1

⁽¹⁾ Rake angle axial

⁽²⁾ Master insert identification

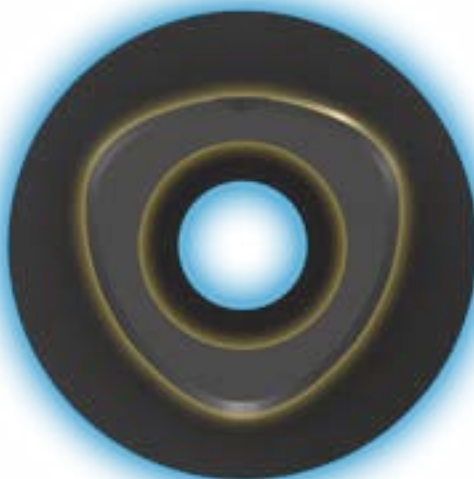
⁽³⁾ Coolant pressure (PSI)

⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

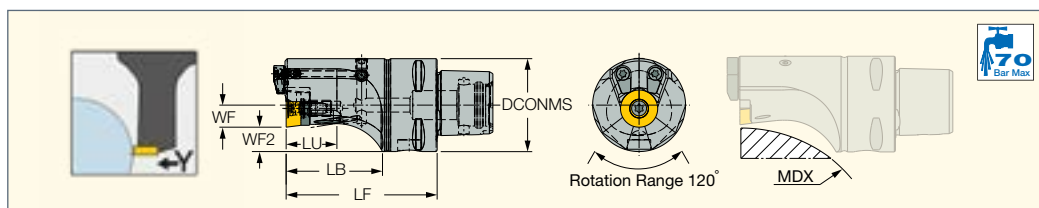
Designation							
C6 SRGCR-45065-12-JHP	TRC 4-0	SR TC-4	T-20/5	SR 16-212 ^(a)	HW 3.0	CU-R-JHP	T-8/5

^(a) Recommended tightening torque: 35 lbf*in



C#-SRDCN-16-Y

Y-Axis Turning Tools
Carrying Round Inserts
with 7° Clearance Angle



M E T R I C									
Designation	DCONMS	LU	LB	LF	WF	WF2	MDX ⁽¹⁾	DCP ⁽²⁾	MIID ⁽³⁾
C4 SRDCN-16-H65-Y	40.00	21.90	41.50	65.00	9.50	10.5	130.00	1	RCMT 1606M0-14
C4 SRDCN-16-H80-Y	40.00	36.80	56.70	80.00	9.50	10.5	210.00	1	RCMT 1606M0-14
C5 SRDCN-16-H80-Y	50.00	27.00	56.20	80.00	12.00	13.0	180.00	1	RCMT 1606M0-14
C5 SRDCN-16-H100-Y	50.00	44.40	76.20	100.00	12.00	13.0	350.00	1	RCMT 1606M0-14
C6 SRDCN-16-H100-Y	63.00	40.50	74.00	100.00	15.00	16.5	260.00	1	RCMT 1606M0-14
C6 SRDCN-16-H125-Y	63.00	65.50	98.90	125.00	15.00	16.5	450.00	1	RCMT 1606M0-14

⁽¹⁾ Machinable diameter maximum (For D>2*LF please use extension adapters with same diameter)

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

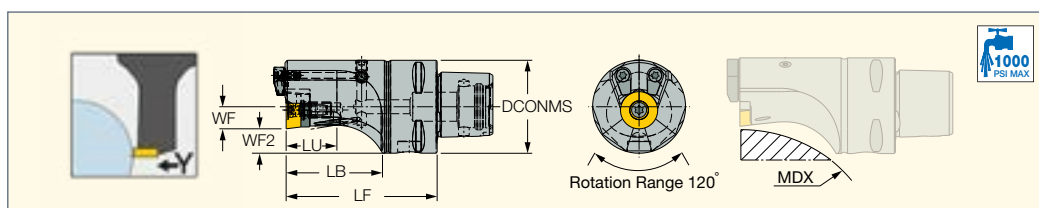
⁽³⁾ Master insert identification

Spare Parts

Designation							
C#-SRDCN-16-Y	TRC 5-0	SR TC-4	CH-1.9D-JHP-A SET	SR 16-212	HW 3.0	BLD T20/S7	SW6-T-SH

C#-SRDCN-16-Y

Y-Axis Turning Tools
Carrying Round Inserts
with 7° Clearance Angle



I N C H									
Designation	DCONMS	LU	LB	LF	WF	WF2	MDX ⁽¹⁾	DCP ⁽²⁾	MIID ⁽³⁾
C4 SRDCN-16-H65-Y	1.575	.8622	1.634	2.559	.374	.41	5.118	1	RCMT 1606M0-14
C4 SRDCN-16-H80-Y	1.575	1.4488	2.232	3.150	.374	.41	8.268	1	RCMT 1606M0-14
C5 SRDCN-16-H80-Y	1.968	1.0630	2.213	3.150	.472	.51	7.087	1	RCMT 1606M0-14
C5 SRDCN-16-H100-Y	1.968	1.7480	3.000	3.937	.472	.51	13.780	1	RCMT 1606M0-14
C6 SRDCN-16-H100-Y	2.480	1.5945	2.913	3.937	.591	.65	10.236	1	RCMT 1606M0-14
C6 SRDCN-16-H125-Y	2.480	2.5787	3.894	4.921	.591	.65	17.717	1	RCMT 1606M0-14

⁽¹⁾ Machinable diameter maximum (For D>2*LF please use extension adapters with same diameter)

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

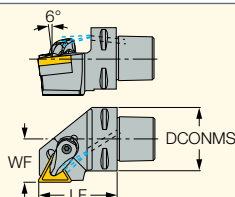
⁽³⁾ Master insert identification

Spare Parts

Designation							
C#-SRDCN-16-Y	TRC 5-0	SR TC-4	CH-1.9D-JHP-A SET	SR 16-212	HW 3.0	BLD T20/S7	SW6-T-SH

ISOTURN**C#-DTGNR/L**

91° Lead R-Clamp External
Turning Tools with CAMFIX
Exchangeable Shanks Carrying
Negative Triangular Inserts



Right hand tool shown

M E T R I C

Designation	DCONMS	WF	LF	MIID ⁽¹⁾	CP ⁽²⁾	DCP ⁽³⁾						
C6 DTGNR/L-45065-22	63.00	45.00	65.00	TN.. 22	70	1	RTT 443	SR 14-506 M4X0.7	LCGR-4	SR 10400270-25.5	SR M5X5 DIN916	T-15/5 EZ 104

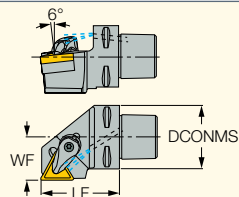
⁽¹⁾ Master insert identification

⁽²⁾ Coolant pressure (Bar)

⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

ISOTURN**C#-DTGNR/L**

91° Lead R-Clamp External
Turning Tools with CAMFIX
Exchangeable Shanks Carrying
Negative Triangular Inserts



Right hand tool shown

I N C H

Designation	DCONMS	WF	LF	MIID ⁽¹⁾	CP ⁽²⁾	DCP ⁽³⁾						
C6 DTGNR/L-45065-22	2.480	1.772	2.559	TN.. 22	1000	1	RTT 443	SR 14-506 M4X0.7	LCGR-4	SR 10400270-25.5	SR M5X5 DIN916	T-15/5 EZ 104

⁽¹⁾ Master insert identification

⁽²⁾ Coolant pressure (PSI)

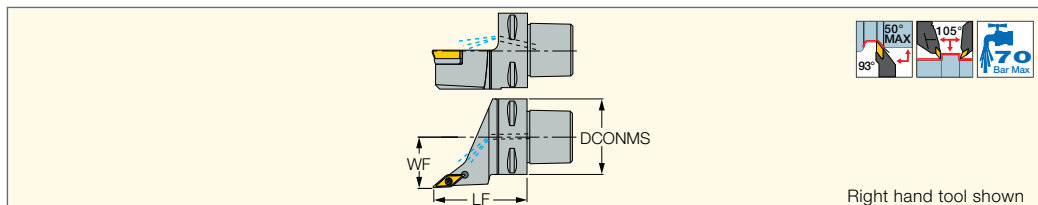
⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

**FRONT VIEW****BACK VIEW**

ISOTURN

C#-SVJCR/L

Screw Lock Tools with
CAMFIX Exchangeable Shanks
Carrying 35° Rhombic Inserts
with 7° Clearance Angle



Right hand tool shown

M E T R I C												
Designation	DCONMS	WF	LF	CP ⁽¹⁾	DCP ⁽²⁾	MIID ⁽³⁾						
C4 SVJCR/L-27050-11	40.00	27.00	50.00	70	1	VC.. 1103				SR 14-560/S M2.5X0.45	T-8/5	EZ 83
C4 SVJCR/L-27050-16	40.00	27.00	50.00	70	1	VC.. 1604	TVC 3-1	SR TC-3	HW 2.5	SR 16-236 P	T-15/5	EZ 83
C5 SVJCR-35060-11	50.00	35.00	60.00	70	1	VC.. 1103				SR 14-560/S M2.5X0.45	T-8/5	EZ 104
C5 SVJCR/L-35060-16	50.00	35.00	60.00	70	1	VC.. 1604	TVC 3-1	SR TC-3	HW 2.5	SR 16-236 P	T-15/5	EZ 104
C6 SVJCR/L-45065-16	63.00	45.00	65.00	70	1	VC.. 1604	TVC 3-1	SR TC-3	HW 2.5	SR 16-236 P	T-15/5	EZ 125

⁽¹⁾ Coolant pressure (Bar)

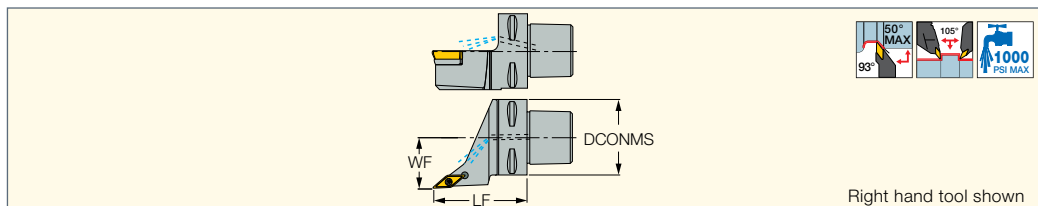
⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

⁽³⁾ Master insert identification

ISOTURN

C#-SVJCR/L

Screw Lock Tools with
CAMFIX Exchangeable Shanks
Carrying 35° Rhombic Inserts
with 7° Clearance Angle



Right hand tool shown

I N C H												
Designation	DCONMS	WF	LF	CP ⁽¹⁾	DCP ⁽²⁾	MIID ⁽³⁾						
C4 SVJCR/L-27050-11	1.575	1.063	1.968	1000	1	VC..22..				SR 14-560/S M2.5X0.45	T-8/5	EZ 83
C4 SVJCR/L-27050-16	1.575	1.063	1.968	1000	1	VC..33..	TVC 3-1	SR TC-3	HW 2.5	SR 16-236 P	T-15/5	EZ 83
C5 SVJCR-35060-11	1.968	1.378	2.362	1000	1	VC..22..				SR 14-560/S M2.5X0.45	T-8/5	EZ 104
C5 SVJCR/L-35060-16	1.968	1.378	2.362	1000	1	VC..33..	TVC 3-1	SR TC-3	HW 2.5	SR 16-236 P	T-15/5	EZ 104
C6 SVJCR/L-45065-16	2.480	1.772	2.559	1000	1	VC..33..	TVC 3-1	SR TC-3	HW 2.5	SR 16-236 P	T-15/5	EZ 125

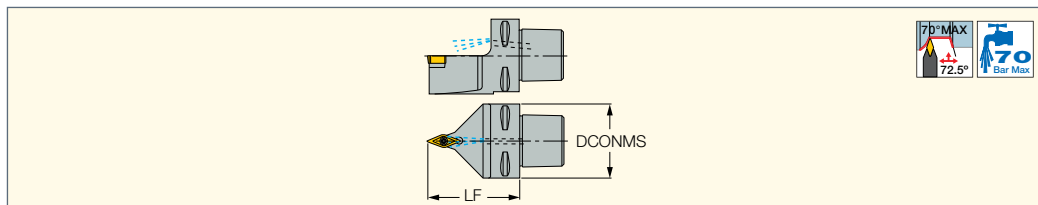
⁽¹⁾ Coolant pressure (PSI)

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

⁽³⁾ Master insert identification

ISOTURN**C#-SVVCN**

Screw Lock Tools with
CAMFIX Exchangeable Shanks
Carrying 35° Rhombic Inserts
with 7° Clearance Angle

**M E T R I C**

Designation	DCONMS	LF	MIID ⁽¹⁾	DCP ⁽²⁾	CP ⁽³⁾						
C4 SVVCN-00050-16	40.00	40.00	VC.. 1604	1	70	TVC 3-1	SR TC-3	HW 2.5	SR 16-236 P	T-15/5	EZ 83
C5 SVVCN-00060-16	50.00	50.00	VC.. 1604	1	70	TVC 3-1	SR TC-3	HW 2.5	SR 16-236 P	T-15/5	EZ 125

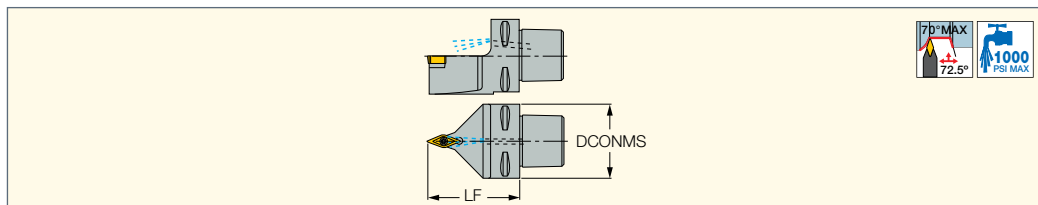
⁽¹⁾ Master insert identification

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

⁽³⁾ Coolant pressure (Bar)

ISOTURN**C#-SVVCN**

Screw Lock Tools with
CAMFIX Exchangeable Shanks
Carrying 35° Rhombic Inserts
with 7° Clearance Angle

**I N C H**

Designation	DCONMS	LF	MIID ⁽¹⁾	DCP ⁽³⁾	CP ⁽²⁾						
C4 SVVCN-00050-16	1.575	1.575	VC..22..	1000	1	TVC 3-1	SR TC-3	HW 2.5	SR 16-236 P	T-15/5	EZ 83
C5 SVVCN-00060-16	1.968	1.968	VC..22..	1000	1	TVC 3-1	SR TC-3	HW 2.5	SR 16-236 P	T-15/5	EZ 125

⁽¹⁾ Master insert identification

⁽²⁾ Coolant pressure (PSI)

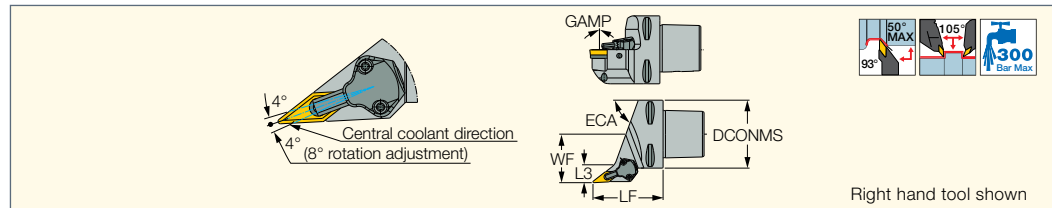
⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip



ISO TURN

C#-SVJCR/L-JHP

Screw Lock Tools with
CAMFIX Exchangeable Shanks
Carrying 35° Rhombic Inserts
with 7° Clearance Angle



Right hand tool shown

M E T R I C									
Designation	DCONMS	WF	LF	GAMP ⁽¹⁾	ECA	L3	MIID ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C3 SVJCL 22040-11-JHP	32.00	22.00	40.00	0.0	66.0	5.50	VCMT 1103	300	0
C3 SVJCR-22040-11-JHP	32.00	22.00	40.00	0.0	66.0	5.50	VCMT 1103	300	0
C3 SVJCR/L 22045-16-JHP	32.00	22.00	45.00	0.0	55.0	8.00	VCMT 1604	300	0
C4 SVJCR/L-27055-16-JHP	40.00	27.00	55.00	0.0	55.0	8.00	VCMT 1604	300	1
C5 SVJCR/L-35060-16-JHP	50.00	35.00	60.00	0.0	55.0	7.50	VCMT 1604	300	1
C6 SVJCR-45065-16-JHP	63.00	45.00	65.00	0.0	70.0	16.80	VCMT 1604	300	1

⁽¹⁾ Rake angle axial

⁽²⁾ Master insert identification

⁽³⁾ Coolant pressure (Bar)

⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip

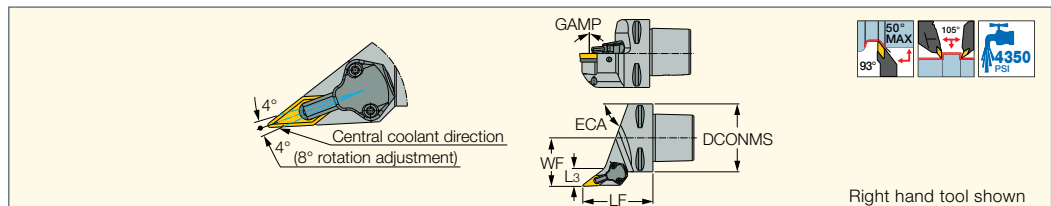
Spare Parts

Designation							
C3 SVJCR-22040-11-JHP				SR 14-560	CH-1.9D-JHP	T-8/5	
C4 SVJCR/L-27055-16-JHP	TVC 3-1	SR TC-3	T-15/5	SR 16-236 P	CU-V-JHP	T-8/5	HW 2.5
C5 SVJCR/L-35060-16-JHP	TVC 3-1	SR TC-3	T-15/5	SR 16-236 P	CU-V-JHP	T-8/5	HW 2.5
C6 SVJCR-45065-16-JHP	TVC 3-1	SR TC-3	T-15/5	SR 16-236 P	CU-V-JHP	T-8/5	HW 2.5

ISO TURN

C#-SVJCR/L-JHP

Screw Lock Tools with
CAMFIX Exchangeable Shanks
Carrying 35° Rhombic Inserts
with 7° Clearance Angle



Right hand tool shown

I N C H									
Designation	DCONMS	WF	LF	GAMP ⁽¹⁾	ECA	L3	MIID ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C3 SVJCL 22040-11-JHP	1.260	.866	1.575	0	66.0	.217	VC..22..	4350	0
C3 SVJCR-22040-11-JHP	1.260	.866	1.575	0	66.0	.217	VC..22..	4350	0
C3 SVJCR/L 22045-16-JHP	1.260	.866	1.772	0	55.0	.315	VC..33..	4350	0
C4 SVJCR/L-27055-16-JHP	1.575	1.063	2.165	0	55.0	.315	VC..33..	4350	1
C5 SVJCR/L-35060-16-JHP	1.968	1.378	2.362	0	55.0	.295	VC..33..	4350	1
C6 SVJCR-45065-16-JHP	2.480	1.772	2.559	0	70.0	.661	VC..33..	4350	1

⁽¹⁾ Rake angle axial

⁽²⁾ Master insert identification

⁽³⁾ Coolant pressure (PSI)

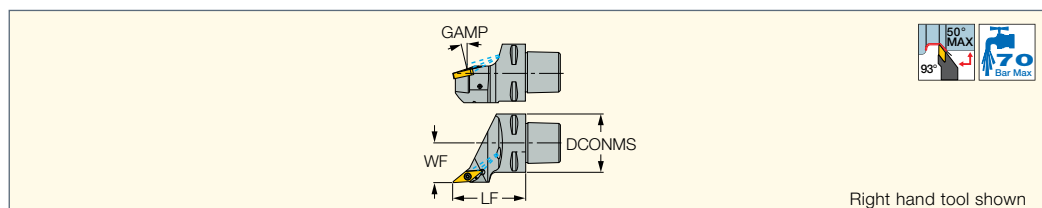
⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation							
C3 SVJCR-22040-11-JHP				SR 14-560	CH-1.9D-JHP	T-8/5	
C4 SVJCR/L-27055-16-JHP	TVC 3-1	SR TC-3	T-15/5	SR 16-236 P	CU-V-JHP	T-8/5	HW 2.5
C5 SVJCR/L-35060-16-JHP	TVC 3-1	SR TC-3	T-15/5	SR 16-236 P	CU-V-JHP	T-8/5	HW 2.5
C6 SVJCR-45065-16-JHP	TVC 3-1	SR TC-3	T-15/5	SR 16-236 P	CU-V-JHP	T-8/5	HW 2.5

**ISOTURN****C#-SVJNR/L-F**

Screw Lock Tools with CAMFIX
Exchangeable Shanks Carrying
35° Negative Rhombic Inserts



Right hand tool shown

M E T R I C

Designation	DCONMS	WF	LF	CP ⁽¹⁾	DCP ⁽²⁾	GAMP ⁽³⁾					
C4 SVJNR/L-27050-12F	40.00	27.00	50.00	70	1	-6.0	AV 12	PA 12	SR 14-551	T-9/5	EZ 83

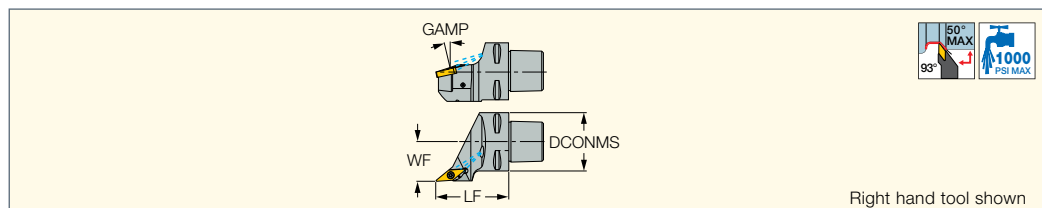
⁽¹⁾ Coolant pressure (Bar)

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

⁽³⁾ Rake angle axial

ISOTURN**C#-SVJNR/L-F**

Screw Lock Tools with CAMFIX
Exchangeable Shanks Carrying
35° Negative Rhombic Inserts



Right hand tool shown

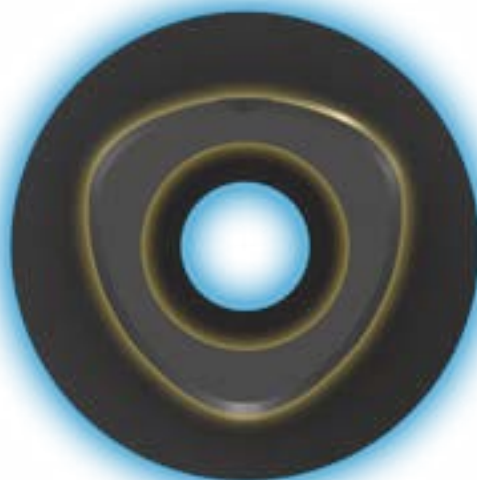
I N C H

Designation	DCONMS	WF	LF	CP ⁽¹⁾	DCP ⁽²⁾	GAMP ⁽³⁾					
C4 SVJNR/L-27050-12F	1.575	1.063	1.968	1000	1	-6.0	AV 12	PA 12	SR 14-551	T-9/5	EZ 83

⁽¹⁾ Coolant pressure (PSI)

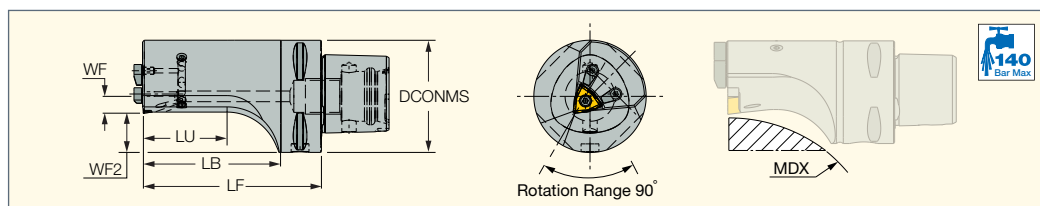
⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

⁽³⁾ Rake angle axial



**ISO^{AXIS}TURN****C#-SWLCN-08-Y**

Y-Axis Turning Tools that
Mount 80° Trigon Inserts
with a 7° Clearance Angle



M E T R I C									
Designation	DCONMS	LU	LB	LF	WF	WF2	MDX ⁽¹⁾	MIID ⁽²⁾	DCP ⁽³⁾
C4 SWLCN-08-SL-H80-Y	40.00	34.00	58.80	80.00	7.56	12.4	210.00	WCMT 08T504-F3P-SL	1
C5 SWLCN-08-SL-H80-Y	50.00	28.20	55.80	80.00	7.56	17.4	160.00	WCMT 08T504-F3P-SL	1
C6 SWLCN-08-SL-H100-Y	63.00	47.00	76.30	100.00	9.45	20.1	235.00	WCMT 08T504-F3P-SL	1
C6 SWLCN-08-SL-H125-Y	63.00	70.00	99.30	125.00	9.45	20.1	400.00	WCMT 08T504-F3P-SL	1

⁽¹⁾ Machinable diameter maximum (For D>2*LF please use extension adapters with same diameter)

⁽²⁾ Master insert identification

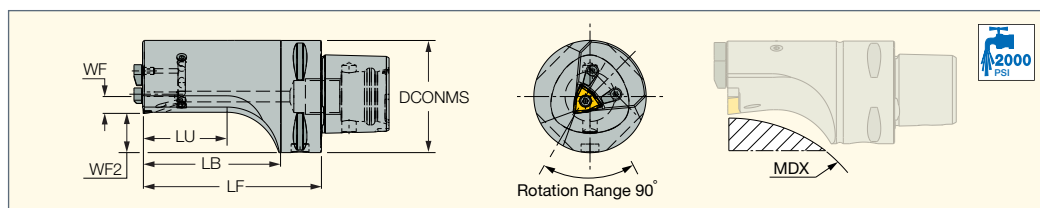
⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation					
C4 SWLCN-08-SL-H80-Y	SR 76-2145	BLD T15/S7	SW6-T-SH	CH-1.9D-JHP-A SET	SR M4X4 DIN913 TL360
C5 SWLCN-08-SL-H80-Y	SR 76-2145	BLD T15/S7	SW6-T-SH	CH-1.9D-JHP-A SET	SR M5X5 DIN913 TL360
C6 SWLCN-08-SL-H100-Y	SR 76-2145	BLD T15/S7	SW6-T-SH	CH-1.9D-JHP-A SET	SR M5X5 DIN913 TL360
C6 SWLCN-08-SL-H125-Y	SR 76-2145	BLD T15/S7	SW6-T-SH	CH-1.9D-JHP-A SET	SR M5X5 DIN913 TL360

ISO^{AXIS}TURN**C#-SWLCN-08-Y**

Y-Axis Turning Tools that
Mount 80° Trigon Inserts
with a 7° Clearance Angle



I N C H									
Designation	DCONMS	LU	LB	LF	WF	WF2	MDX ⁽¹⁾	MIID ⁽²⁾	DCP ⁽³⁾
C4 SWLCN-08-SL-H80-Y	1.575	1.3386	2.315	3.150	.298	.49	8.268	WCMT 08T504-F3P-SL	1
C5 SWLCN-08-SL-H80-Y	1.968	1.1102	2.197	3.150	.298	.69	6.299	WCMT 08T504-F3P-SL	1
C6 SWLCN-08-SL-H100-Y	2.480	1.8504	3.004	3.937	.372	.79	9.252	WCMT 08T504-F3P-SL	1
C6 SWLCN-08-SL-H125-Y	2.480	2.7559	3.909	4.921	.372	.79	15.748	WCMT 08T504-F3P-SL	1

⁽¹⁾ Machinable diameter maximum (For D>2*LF please use extension adapters with same diameter)

⁽²⁾ Master insert identification

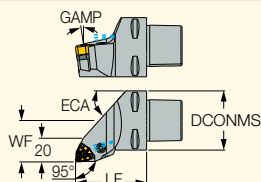
⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation					
C4 SWLCN-08-SL-H80-Y	SR 76-2145	BLD T15/S7	SW6-T-SH	CH-1.9D-JHP-A SET	SR M4X4 DIN913 TL360
C5 SWLCN-08-SL-H80-Y	SR 76-2145	BLD T15/S7	SW6-T-SH	CH-1.9D-JHP-A SET	SR M5X5 DIN913 TL360
C6 SWLCN-08-SL-H100-Y	SR 76-2145	BLD T15/S7	SW6-T-SH	CH-1.9D-JHP-A SET	SR M5X5 DIN913 TL360
C6 SWLCN-08-SL-H125-Y	SR 76-2145	BLD T15/S7	SW6-T-SH	CH-1.9D-JHP-A SET	SR M5X5 DIN913 TL360

HELITURN LD**C#-PWLNR/L-X**

Lever Lock Tools with CAMFIX
Shanks Carrying HELITURN
LD WNMX or WNMG Inserts



Right hand tool shown

M E T R I C								
Designation	DCONMS	WF	LF	ECA	GAMP ⁽³⁾	MIID ⁽⁴⁾	CP ⁽⁵⁾	DCP ⁽⁶⁾
C4 PWLNR/L-27050-06X ⁽¹⁾	40.00	27.00	50.00	45.0	-6.0	WNMX 0606, WNMG 0604	70	1
C5 PWLNL-25060-06X ⁽¹⁾	50.00	25.00	60.00	48.0	-6.0	WNMX 0606, WNMG 0604	70	1
C4 PWLNR/L-27050-08X ⁽²⁾	40.00	27.00	50.00	45.0	-6.0	WNMX 0807, WNMG 0804	70	1
C5 PWLNR/L-35060-08X ⁽²⁾	50.00	35.00	60.00	48.0	-6.0	WNMX 0807, WNMG 0804	70	1

⁽¹⁾ Supplied with TWX 3 seat for WNMX 0606.. inserts and TWN 3 seat for WNMG 0604.. inserts.

⁽²⁾ Supplied with TWX 4 seat for WNMX 0807.. inserts and TWN 443 seat for WNMG 0804.. inserts.

⁽³⁾ Rake angle axial

⁽⁴⁾ Master insert identification

⁽⁵⁾ Coolant pressure (Bar)

⁽⁶⁾ 1 - Slot for data chip, 0 - Without slot for data chip

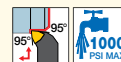
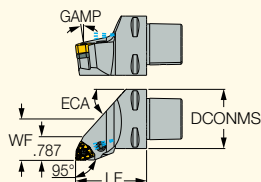
Spare Parts

Designation									
C4 PWLNR/L-27050-06X	TWX 3	TWN 3	SP 3	LR 3	SR 117-2014	PN 3-4	EZ 62	HW 2.5/5	
C5 PWLNL-25060-06X	TWX 3	TWN 3	SP 3	LR 3	SR 117-2014	PN 3-4	EZ 83	HW 2.5/5	
C4 PWLNR/L-27050-08X	TWX 4	TWN 443	SP 4	LR 4DH	SR 117-2010	PN 3-4L	EZ 62	HW 3.0	LR 4DHTL (MR INJ)*
C5 PWLNR/L-35060-08X	TWX 4	TWN 443	SP 4	LR 4DH	SR 117-2010	PN 3-4L		HW 3.0	LR 4DHTL (MR INJ)*

* Optional, to be ordered separately

HELITURN LD**C#-PWLNR/L-X**

Lever Lock Tools with CAMFIX
Shanks Carrying HELITURN
LD WNMX or WNMG Inserts



Right hand tool shown

I N C H								
Designation	DCONMS	WF	LF	ECA	GAMP ⁽³⁾	MIID ⁽⁴⁾	CP ⁽⁵⁾	DCP ⁽⁶⁾
C4 PWLNR/L-27050-06X ⁽¹⁾	1.575	1.063	1.968	45.0	-6.0	WNMX 0606, WNMG 0604	1000	1
C5 PWLNL-25060-06X ⁽¹⁾	1.968	.984	2.362	48.0	-6.0	WNMX 0606, WNMG 0604	1000	1
C4 PWLNR/L-27050-08X ⁽²⁾	1.575	1.063	1.968	45.0	-6.0	WNMX 0807, WNMG 0804	1000	1
C5 PWLNR/L-35060-08X ⁽²⁾	1.968	1.378	2.362	48.0	-6.0	WNMX 0807, WNMG 0804	1000	1

⁽¹⁾ Supplied with TWX 3 seat for WNMX 34. inserts and TWN 3 seat for WNMG 33. inserts.

⁽²⁾ Supplied with TWX 4 seat for WNMX 45. inserts and TWN 443 seat for WNMG 43. inserts.

⁽³⁾ Rake angle axial

⁽⁴⁾ Master insert identification

⁽⁵⁾ Coolant pressure (PSI)

⁽⁶⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

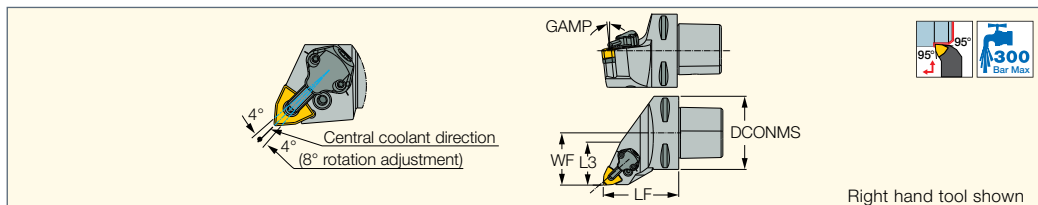
Designation									
C4 PWLNR/L-27050-06X	TWX 3	TWN 3	SP 3	LR 3	SR 117-2014	PN 3-4	EZ 62	HW 2.5/5	
C5 PWLNL-25060-06X	TWX 3	TWN 3	SP 3	LR 3	SR 117-2014	PN 3-4	EZ 83	HW 2.5/5	
C4 PWLNR/L-27050-08X	TWX 4	TWN 443	SP 4	LR 4DH	SR 117-2010	PN 3-4L	EZ 62	HW 3.0	LR 4DHTL (MR INJ)*
C5 PWLNR/L-35060-08X	TWX 4	TWN 443	SP 4	LR 4DH	SR 117-2010	PN 3-4L		HW 3.0	LR 4DHTL (MR INJ)*

* Optional, to be ordered separately

HELI TURN LD

C#-PWLNR/L-X-JHP

Lever Lock Tools with CAMFIX Shanks and Channels for High-Pressure Coolant, Carrying WNMX or WNMG Inserts



Right hand tool shown

M E T R I C								
Designation	DCONMS	LF	WF	L3	GAMP ⁽³⁾	MIID ⁽⁴⁾	DCP ⁽⁵⁾	
C3 PWLNR-22045-06X-JHP ⁽¹⁾	32.00	45.00	22.00	26.00	-6.0	WNMX 0606, WNMG 0604	0	
C3 PWLNR-22045-08X-JHP ⁽²⁾	32.00	45.00	22.00	24.28	-6.0	WNMX 0807, WNMG 0804	0	
C4 PWLNR/L 27050-06-JHP	40.00	50.00	27.00	27.00	-6.0	WNMX 0606, WNMG 0604	0	
C4 PWLNR/L-27050-08X-JHP ⁽²⁾	40.00	50.00	27.00	32.94	-6.0	WNMX 0807, WNMG 0804	1	
C5 PWLNR/L-35060-08X-JHP ⁽²⁾	50.00	60.00	35.00	28.57	-6.0	WNMX 0807, WNMG 0804	1	
C6 PWLNR/L-45065-08X-JHP ⁽²⁾	63.00	65.00	45.00	40.00	-6.0	WNMX 0807, WNMG 0804	1	

⁽¹⁾ Supplied with TWX 3 seat for WNMX 0606.. inserts and TWN 3 seat for WNMG 0604.. inserts.

⁽²⁾ Supplied with TWX 4 seat for WNMX 0807.. inserts and TWN 443 seat for WNMG 0804.. inserts.

⁽³⁾ Rake angle axial

⁽⁴⁾ Master insert identification

⁽⁵⁾ 1 - Slot for data chip, 0 - Without slot for data chip



Spare Parts

Designation										
C3 PWLNR-22045-06X-JHP	TWX 3	TWN 3	SP 3	PN 3-4	LR 3	SR 117-2014	CU-CW-JHP	LR 4DHTL (MR INJ)*	T-8/5	HW 2.5
C3 PWLNR-22045-08X-JHP	TWX 4	TWN 443	SP 4	PN 3-4L	LR 4DH	SR 117-2010	CU-CW-JHP	LR 4DHTL (MR INJ)*	T-8/5	HW 3.0
C4 PWLNR/L-27050-08X-JHP	TWX 4	TWN 443	SP 4	PN 3-4L	LR 4DH	SR 117-2010	CU-CW-JHP	LR 4DHTL (MR INJ)*	T-8/5	HW 3.0
C5 PWLNR/L-35060-08X-JHP	TWX 4	TWN 443	SP 4	PN 3-4L	LR 4DH	SR 117-2010	CU-CW-JHP	LR 4DHTL (MR INJ)*	T-8/5	HW 3.0
C6 PWLNR/L-45065-08X-JHP	TWX 4	TWN 443	SP 4	PN 3-4L	LR 4DH	SR 117-2010	CU-CW-JHP	LR 4DHTL (MR INJ)*	T-8/5	HW 3.0

* Optional, to be ordered separately



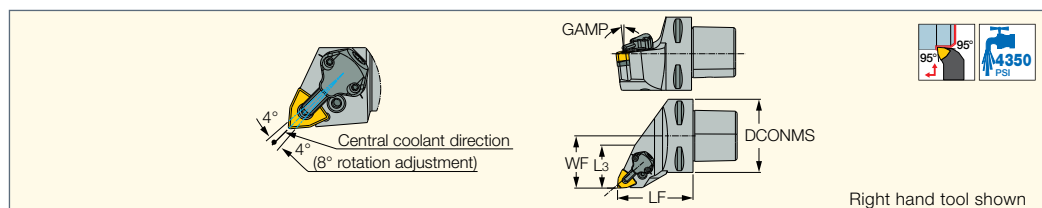
FRONT VIEW



BACK VIEW

HELITURN LD**C#-PWLNR/L-X-JHP**

Lever Lock Tools with CAMFIX
Shanks and Channels for
High-Pressure Coolant, Carrying
WNMX or WNMG Inserts



Right hand tool shown

	I N C H						
Designation	DCONMS	LF	WF	L3	GAMP ⁽³⁾	MIID ⁽⁴⁾	DCP ⁽⁵⁾
C3 PWLNR-22045-06X-JHP ⁽¹⁾	1.260	1.772	.866	1.024	-6.0	WNMX 34. WNMG 33.	0
C3 PWLNR-22045-08X-JHP ⁽²⁾	1.260	1.772	.866	.956	-6.0	WNMX 45. WNMG 43.	0
C4 PWLNR/L 27050-06-JHP	1.575	1.968	1.063	1.063	-6.0	WNMX 34. WNMG 33.	0
C4 PWLNR/L-27050-08X-JHP ⁽²⁾	1.575	1.968	1.063	1.297	-6.0	WNMX 45. WNMG 43.	1
C5 PWLNR/L-35060-08X-JHP ⁽²⁾	1.968	2.362	1.378	1.125	-6.0	WNMX 45. WNMG 43.	1
C6 PWLNR/L-45065-08X-JHP ⁽²⁾	2.480	2.559	1.772	1.575	-6.0	WNMX 45. WNMG 43.	1

⁽¹⁾ Supplied with TWX 3 seat for WNMX 34. inserts and TWN 3 seat for WNMG 33. inserts.

⁽²⁾ Supplied with TWX 4 seat for WNMX 45. inserts and TWN 443 seat for WNMG 43. inserts.

⁽³⁾ Rake angle axial

⁽⁴⁾ Master insert identification

⁽⁵⁾ 1 - Slot for data chip, 0 - Without slot for data chip

**Spare Parts**

Designation										
C3 PWLNR-22045-06X-JHP	TWX 3	TWN 3	SP 3	PN 3-4	LR 3	SR 117-2014	CU-CW-JHP	LR 4DHTL (MR INJ)*	T-8/5	HW 2.5
C3 PWLNR-22045-08X-JHP	TWX 4	TWN 443	SP 4	PN 3-4L	LR 4DH	SR 117-2010	CU-CW-JHP	LR 4DHTL (MR INJ)*	T-8/5	HW 3.0
C4 PWLNR/L-27050-08X-JHP	TWX 4	TWN 443	SP 4	PN 3-4L	LR 4DH	SR 117-2010	CU-CW-JHP	LR 4DHTL (MR INJ)*	T-8/5	HW 3.0
C5 PWLNR/L-35060-08X-JHP	TWX 4	TWN 443	SP 4	PN 3-4L	LR 4DH	SR 117-2010	CU-CW-JHP	LR 4DHTL (MR INJ)*	T-8/5	HW 3.0
C6 PWLNR/L-45065-08X-JHP	TWX 4	TWN 443	SP 4	PN 3-4L	LR 4DH	SR 117-2010	CU-CW-JHP	LR 4DHTL (MR INJ)*	T-8/5	HW 3.0

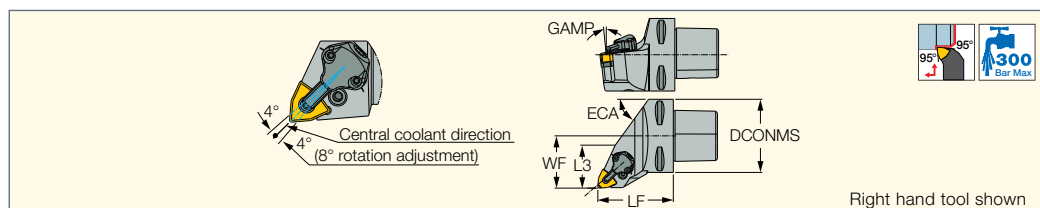
* Optional, to be ordered separately



ISOTURN

C#-PWLNR/L-08-JHP

Lever Lock Tools with CAMFIX
Exchangeable Shanks and
Channels for High-Pressure
Coolant Carrying Trigon Inserts



	M E T R I C								
Designation	DCONMS	WF	LF	L3	ECA	GAMP ⁽¹⁾	MIID ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C6 PWLNR/L-45065-08-JHP	63.00	45.00	65.00	42.70	55.0	-6.0	WNMG 08..	300	1

⁽¹⁾ Rake angle axial

⁽²⁾ Master insert identification

⁽³⁾ Coolant pressure (Bar)

⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

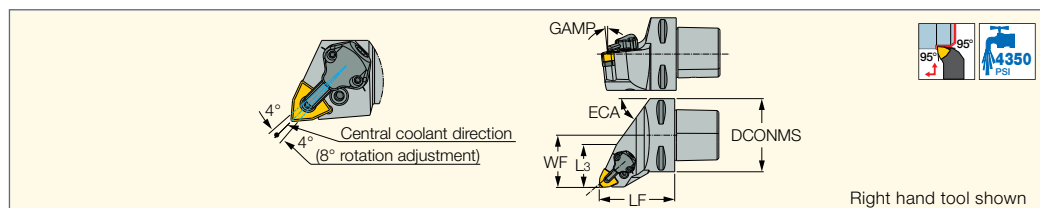
Designation									
C6 PWLNR/L-45065-08-JHP	TWN 423	SP 4	LR 4	SR 117-2010	T-8/5	PN 3-4	CU-CW-JHP	HW 3.0	LR 4DHTL (MR INJ)*

* Optional, to be ordered separately

ISOTURN

C#-PWLNR/L-08-JHP

Lever Lock Tools with CAMFIX
Exchangeable Shanks and
Channels for High-Pressure
Coolant Carrying Trigon Inserts



	I N C H								
Designation	DCONMS	WF	LF	L3	ECA	GAMP ⁽¹⁾	MIID ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C6 PWLNR/L-45065-08-JHP	2.480	1.772	2.559	1.681	55.0	-6.0	WNMG 43..	4350	1

⁽¹⁾ Rake angle axial

⁽²⁾ Master insert identification

⁽³⁾ Coolant pressure (PSI)

⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

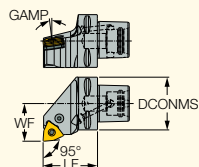
Designation									
C6 PWLNR/L-45065-08-JHP	TWN 423	SP 4	LR 4	SR 117-2010	T-8/5	PN 3-4	CU-CW-JHP	HW 3.0	LR 4DHTL (MR INJ)*

* Optional, to be ordered separately

DOVE IQTURN

C#-PWLOR/L-IQ

Lever Lock and Dovetail Rigid Clamping Pocket with CAMFIX Shank Tools Carrying Unique Double-Sided Trigon Inserts



Right hand tool shown

M E T R I C					
Designation	DCONMS	WF	LF	GAMP ⁽¹⁾	MIID ⁽²⁾
C6 PWLOR/L-45065-13-IQ	63.00	45.00	65.00	-6.5	WOMG 1306-IQ

⁽¹⁾ Rake angle axial

⁽²⁾ Master insert identification

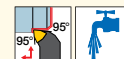
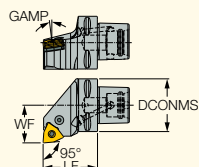
Spare Parts

Designation						
C#-PWLOR/L-IQ	TWX 6-IQ	LCL 20C-NX	SR 10402352	HW 4.0	SP 5	SATZ-M10X1-M5

DOVE IQTURN

C#-PWLOR/L-IQ

Lever Lock and Dovetail Rigid Clamping Pocket with CAMFIX Shank Tools Carrying Unique Double-Sided Trigon Inserts



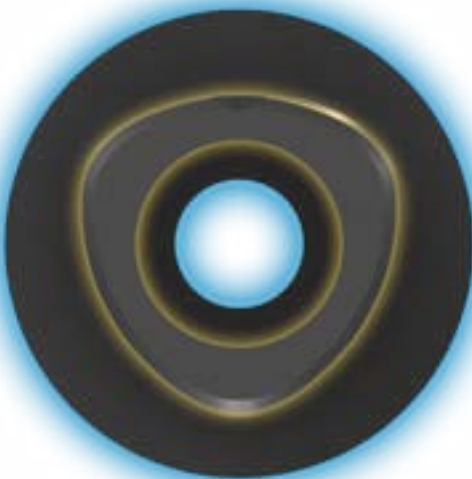
I N C H					
Designation	DCONMS	WF	LF	GAMP ⁽¹⁾	MIID ⁽²⁾
C6 PWLOR/L-45065-13-IQ	2.480	1.772	2.559	-6.5	WOMG 64...-IQ

⁽¹⁾ Rake angle axial

⁽²⁾ Master insert identification

Spare Parts

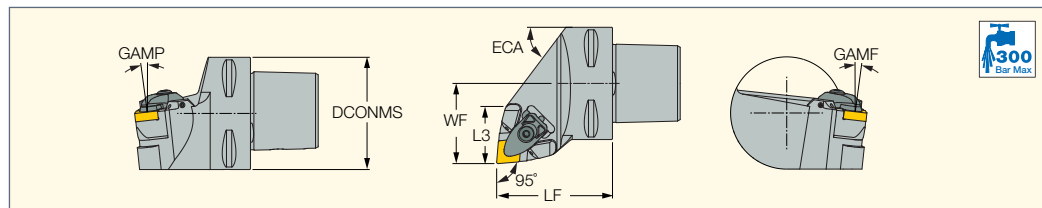
Designation						
C#-PWLOR/L-IQ	TWX 6-IQ	LCL 20C-NX	SR 10402352	HW 4.0	SP 5	SATZ-M10X1-M5



CERMTURN

C#-CXXNR/L-AD-JHP

Turning Tools with CAMFIX
Polygon Shaped Shanks
with Indexable Inserts
Mounted on Cartridges



M E T R I C								
Designation	DCONMS	WF	LF	L3	GAMP ⁽¹⁾	GAMF ⁽²⁾	ECA	DCP ⁽³⁾
C5 CXXNR/L-35060-AD09/12JHP	50.00	35.00	60.00	32.00	6.0	6.0	42.0	1
C6 CXXNR/L-45065-AD09/12JHP	63.00	45.00	65.00	32.00	6.0	6.0	53.0	1
C8 CXXNR/L-55080-AD09/12JHP	80.00	55.00	80.00	32.00	6.0	6.0	57.0	1

⁽¹⁾ Rake angle axial

⁽²⁾ Rake angle radial

⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation							
C#-CXXNR/L-AD-JHP	DCL S-4F	DLS 4	DSP 4	HW 3.0	SR M5X0.5X12.5	SR M4X4 DIN913 TL360	SW6-T-SH

Spare Parts

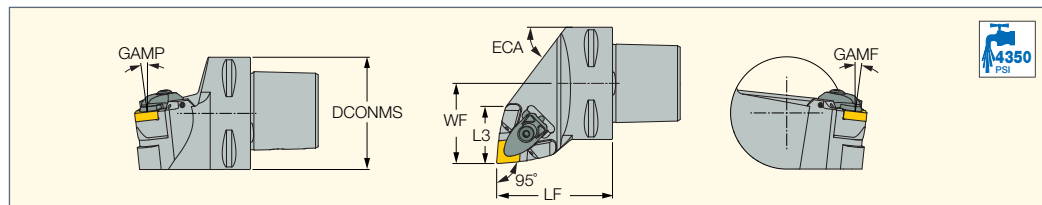
Designation						
C#-CXXNR/L-AD-JHP	BLD IP20/S7	SR M5X5 DIN913 TL360	SR M2.5X2.5 DIN913 TL360	DLM 4-7063*	HC6CN-H.T*	SR M5X0.8-L22*

* Optional, to be ordered separately

CERMTURN

C#-CXXNR/L-AD-JHP

Turning Tools with CAMFIX
Polygon Shaped Shanks
with Indexable Inserts
Mounted on Cartridges



I N C H								
Designation	DCONMS	WF	LF	L3	GAMP ⁽¹⁾	GAMF ⁽²⁾	ECA	DCP ⁽³⁾
C5 CXXNR/L-35060-AD09/12JHP	1.968	1.378	2.362	1.260	6.0	6.0	42.0	1
C6 CXXNR/L-45065-AD09/12JHP	2.480	1.772	2.559	1.260	6.0	6.0	53.0	1
C8 CXXNR/L-55080-AD09/12JHP	3.150	2.165	3.150	1.260	6.0	6.0	57.0	1

⁽¹⁾ Rake angle axial

⁽²⁾ Rake angle radial

⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation							
C#-CXXNR/L-AD-JHP	DCL S-4F	DLS 4	DSP 4	HW 3.0	SR M5X0.5X12.5	SR M4X4 DIN913 TL360	SW6-T-SH

Spare Parts

Designation						
C#-CXXNR/L-AD-JHP	BLD IP20/S7	SR M5X5 DIN913 TL360	SR M2.5X2.5 DIN913 TL360	DLM 4-7063*	HC6CN-H.T*	SR M5X0.8-L22*

* Optional, to be ordered separately

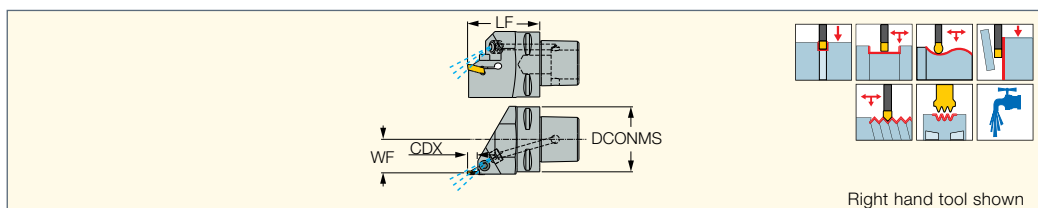
GROOVING - TURNING TOOLS



CUTGRIP

C#-GHDR/L

External Grooving, Turning and Parting Toolholders with CAMFIX Exchangeable Tapered Shanks



Right hand tool shown

	M E T R I C							
Designation	CWN ⁽²⁾	CWX ⁽³⁾	DCONMS	CDX	LF	WF	CP ⁽⁴⁾	DCP ⁽⁵⁾
C4 GHDR/L-3	2.80	4.00	40.00	9.00	55.00	20.00	100	1
C5 GHDR/L-3	2.80	4.00	50.00	9.00	55.00	24.00	100	1
C6 GHDR-3	2.80	4.00	63.00	9.00	55.00	32.00	100	1
C4 GHDR/L-4	4.00	5.00	40.00	10.00	55.00	20.00	100	1
C5 GHDR/L-4	4.00	5.00	50.00	10.00	55.00	24.00	100	1
C6 GHDR/L-4	4.00	5.00	63.00	10.00	55.00	32.00	100	1
C5 GHDR-5	5.00	6.40	50.00	12.00	55.00	24.00	100	1
C6 GHDR/L-5	5.00	6.40	63.00	12.00	55.00	32.00	100	1
C6 GHDR/L-8 ⁽¹⁾	7.00	8.40	63.00	25.00	70.00	30.00	100	1

• When using GPV and TIP inserts, toolholder must be modified according to insert profile to ensure clearance

• When using GIVR/L inserts, tool holder's seat needs to be modified

⁽¹⁾ Used with GIF 8, GIA 8, GIPA 8, GDMM, GIDA, GDMY, GDMF, GDMU inserts

⁽²⁾ Minimum cutting width

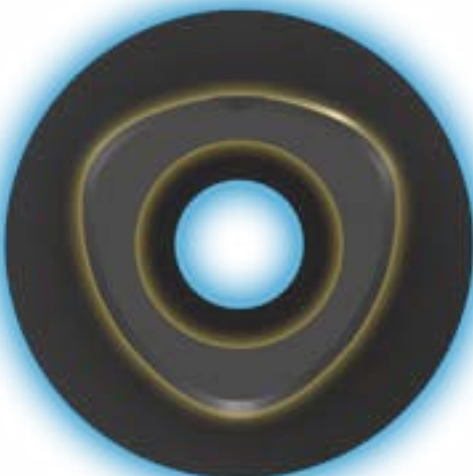
⁽³⁾ Maximum cutting width

⁽⁴⁾ Coolant pressure (Bar)

⁽⁵⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation			
C4 GHDR/L-3	SR M5X20DIN912	HW 4.0	EZ 104
C5 GHDR/L-3	SR M5X20DIN912	HW 4.0	EZ 104
C6 GHDR-3	SR M5X16 DIN912	HW 4.0	EZ 125
C4 GHDR/L-4	SR M6X20 DIN912	HW 5.0	EZ 104
C5 GHDR/L-4	SR M6X20 DIN912	HW 5.0	EZ 104
C6 GHDR/L-4	SR M6X16 DIN912	HW 5.0	EZ 125
C5 GHDR-5		HW 5.0	EZ 104
C6 GHDR/L-5	SR M6X16 DIN912	HW 5.0	EZ 125
C6 GHDL-8	SR M6X20 DIN912	HW 5.0	EZ 146
C6 GHDR-8		HW 5.0	EZ 146

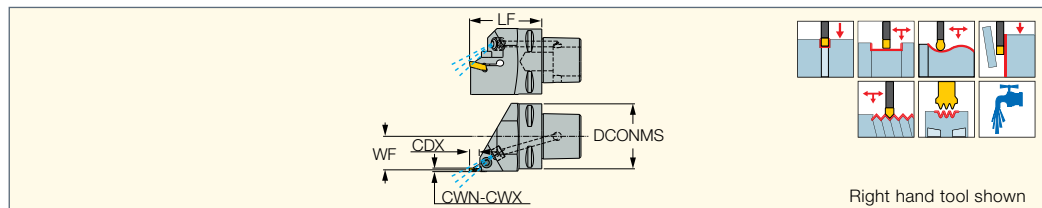




CUTGRIP

C#-GHDR/L

External Grooving, Turning and Parting Toolholders with CAMFIX Exchangeable Tapered Shanks



Right hand tool shown

	I N C H							
Designation	CWN ⁽²⁾	CWX ⁽³⁾	DCONMS	CDX	LF	WF	CP ⁽⁴⁾	DCP ⁽⁵⁾
C4 GHDR/L-3	.110	.157	1.575	.354	2.165	.787	1450	1
C5 GHDR/L-3	.110	.157	1.968	.354	2.165	.945	1450	1
C6 GHDR-3	.110	.157	2.480	.354	2.165	1.260	1450	1
C4 GHDR/L-4	.157	.197	1.575	.394	2.165	.787	1450	1
C5 GHDR/L-4	.157	.197	1.968	.394	2.165	.945	1450	1
C6 GHDR/L-4	.157	.197	2.480	.394	2.165	1.260	1450	1
C5 GHDR-5	.197	.252	1.968	.472	2.165	.945	1450	1
C6 GHDR/L-5	.197	.252	2.480	.472	2.165	1.260	1450	1
C6 GHDR/L-8 ⁽¹⁾	.276	.331	2.480	.984	2.756	1.181	1450	1

• When using GPV and TIP inserts, toolholder tip must be modified according to insert profile to ensure clearance

• When using GIVR/L inserts, tool holder's seat needs to be modified

⁽¹⁾ Used with GIF 8, GIA 8, GIPA 8, GDM, GIDA, GDMY, GDMF, GDMU inserts

⁽²⁾ Minimum cutting width

⁽³⁾ Maximum cutting width

⁽⁴⁾ Coolant pressure (PSI)

⁽⁵⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation			
C4 GHDR/L-3	SR M5X20DIN912	HW 4.0	EZ 104
C5 GHDR/L-3	SR M5X20DIN912	HW 4.0	EZ 104
C6 GHDR-3	SR M5X16 DIN912	HW 4.0	EZ 125
C4 GHDR/L-4	SR M6X20 DIN912	HW 5.0	EZ 104
C5 GHDR/L-4	SR M6X20 DIN912	HW 5.0	EZ 104
C6 GHDR/L-4	SR M6X16 DIN912	HW 5.0	EZ 125
C5 GHDR-5		HW 5.0	EZ 104
C6 GHDR/L-5	SR M6X16 DIN912	HW 5.0	EZ 125
C6 GHDL-8	SR M6X20 DIN912	HW 5.0	EZ 146
C6 GHDR-8		HW 5.0	EZ 146



FRONT VIEW

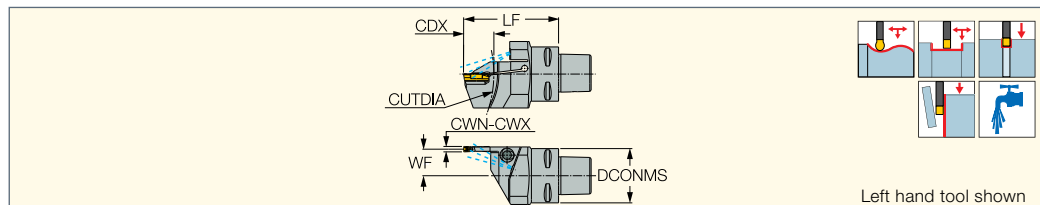


BACK VIEW

HELI-GRIP

C#-HELIR/L

External Tools for Turning,
Grooving and Parting with
CAMFIX Exchangeable Shanks



	M E T R I C								
Designation	DCONMS	CWN ⁽¹⁾	CWX ⁽²⁾	WF	LF	CUTDIA ⁽³⁾	Insert	CP ⁽⁴⁾	DCP ⁽⁵⁾
C4 HELIR/L 3T20	40.00	3.00	3.18	20.00	65.00	40.0	GRIP 3, HGN 3	100	1
C4 HELIR/L 4T25	40.00	4.00	4.76	19.60	70.00	50.0	GRIP 4, DGN 4	100	1
C5 HELIR/L 3T20	50.00	3.00	3.18	25.30	65.00	40.0	GRIP 3, HGN 3	100	1
C5 HELIR/L 4T25	50.00	4.00	4.76	24.90	70.00	50.0	GRIP 4, DGN 4	100	1
C5 HELIR/L 5T25	50.00	5.00	5.00	24.40	70.00	50.0	GRIP 5, DGN 5	100	1
C6 HELIR/L 3T20	63.00	3.00	3.18	31.80	65.00	40.0	GRIP 3, HGN 3	100	1
C6 HELIR/L 4T25	63.00	4.00	4.76	31.40	70.00	50.0	GRIP 4, DGN 4	100	1
C6 HELIR/L 5T25	63.00	5.00	5.00	30.90	70.00	50.0	GRIP 5, DGN 5	100	1
C6 HELIR/L 6T30	63.00	6.00	6.35	30.40	85.00	60.0	GRIP 6, DGN 6	100	1

• The depth of cut (CDX) for grooving is limited by the part diameter Dmax, for grooving depth capacity, see table below

⁽¹⁾ Minimum cutting width

⁽²⁾ Maximum cutting width

⁽³⁾ Maximum parting diameter

⁽⁴⁾ Coolant pressure (Bar)

⁽⁵⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Grooving Depth Capacity

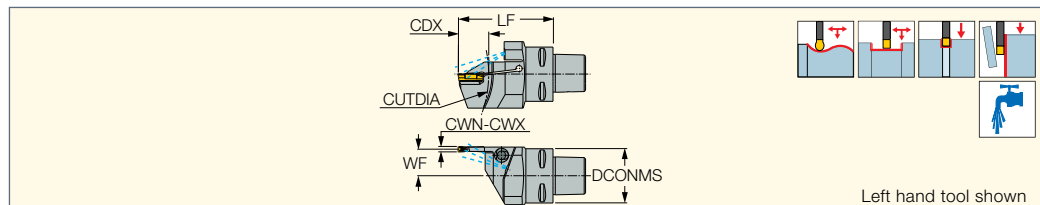
Designation	ØDmax																			
C4 HELIR/L 3T20	∞	∞	∞	∞	1151	384	231	167	131	109	94	83	—	—	—	—	—	—	—	—
C4 HELIR/L 4T25	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞	1127	376	227	163	128	107	—	—	—	—
C5 HELIR/L 3T20	∞	∞	∞	1277	426	257	185	145	120	103	91	82	—	—	—	—	—	—	—	—
C5 HELIR/L 4T25	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞	1301	434	261	188	148	122	105	—	—	—
C5 HELIR/L 5T25	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞	1301	434	261	188	148	122	105	—	—	—
C6 HELIR/L 3T20	∞	787	394	264	199	161	136	118	105	95	87	81	—	—	—	—	—	—	—	—
C6 HELIR/L 4T25	∞	∞	∞	∞	∞	∞	1957	653	393	282	221	182	156	137	122	111	102	—	—	—
C6 HELIR/L 5T25	∞	∞	∞	∞	∞	∞	1957	653	393	282	221	182	156	137	122	111	102	—	—	—
C6 HELIR/L 6T30	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞	1879	627	377	271	212	175	150	131	118	107
CDX	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28

Spare Parts

Designation			
C#-HELIR/L	SR M6X16 DIN912	HW 5.0	EZ 104

HELI-GRIP**C#-HELIR/L**

External Tools for Turning,
Grooving and Parting with
CAMFIX Exchangeable Shanks



	I N C H								
Designation	DCONMS	CWN ⁽¹⁾	CWX ⁽²⁾	WF	LF	CUTDIA ⁽³⁾	Insert	CP ⁽⁴⁾	DCP ⁽⁵⁾
C4 HELIR/L 3T20	1.575	.118	.125	.787	2.559	1.575	GRIP 3, HGN 3	1450	1
C4 HELIR/L 4T25	1.575	.157	.187	.772	2.756	1.968	GRIP 4, DGN 4	1450	1
C5 HELIR/L 3T20	1.968	.118	.125	.996	2.559	1.575	GRIP 3, HGN 3	1450	1
C5 HELIR/L 4T25	1.968	.157	.187	.980	2.756	1.968	GRIP 4, DGN 4	1450	1
C5 HELIR/L 5T25	1.968	.197	.197	.961	2.756	1.968	GRIP 5, DGN 5	1450	1
C6 HELIR/L 3T20	2.480	.118	.125	1.252	2.559	1.575	GRIP 3, HGN 3	1450	1
C6 HELIR/L 4T25	2.480	.157	.187	1.236	2.756	1.968	GRIP 4, DGN 4	1450	1
C6 HELIR/L 5T25	2.480	.197	.197	1.217	2.756	1.968	GRIP 5, DGN 5	1450	1
C6 HELIR/L 6T30	2.480	.236	.250	1.197	3.346	2.362	GRIP 6, DGN 6	1450	1

• The depth of cut (CDX) for grooving is limited by the part diameter Dmax, for grooving depth capacity, see table below

⁽¹⁾ Minimum cutting width

⁽²⁾ Maximum cutting width

⁽³⁾ Maximum parting diameter

⁽⁴⁾ Coolant pressure (PSI)

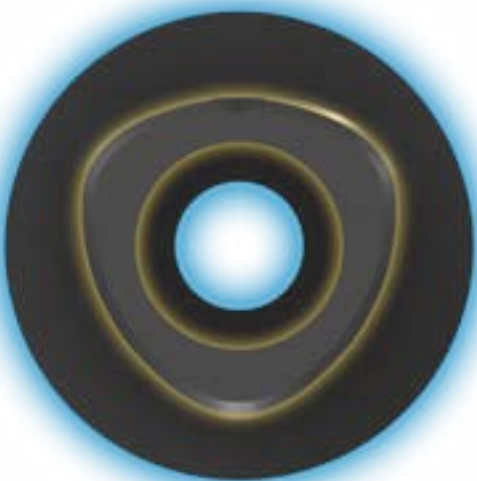
⁽⁵⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Grooving Depth Capacity

Designation	ØDmax																			
C4 HELIR/L 3T20	∞	∞	∞	∞	45.31	15.12	9.09	6.57	5.16	4.29	3.70	3.27	—	—	—	—	—	—	—	—
C4 HELIR/L 4T25	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞	44.37	14.80	8.94	6.42	5.04	4.21	—	—	—
C5 HELIR/L 3T20	∞	∞	∞	50.28	16.77	10.12	7.28	5.71	4.72	4.06	3.58	3.23	—	—	—	—	—	—	—	—
C5 HELIR/L 4T25	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞	51.22	17.09	10.28	7.40	5.83	4.80	4.13	—	—	—
C5 HELIR/L 5T25	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞	51.22	17.09	10.28	7.40	5.83	4.80	4.13	—	—	—
C6 HELIR/L 3T20	∞	30.98	15.52	10.39	7.83	6.34	5.35	4.65	4.13	3.74	3.43	3.19	—	—	—	—	—	—	—	—
C6 HELIR/L 4T25	∞	∞	∞	∞	∞	∞	77.05	25.71	15.47	11.10	8.70	7.17	6.14	5.39	4.80	4.37	4.02	—	—	—
C6 HELIR/L 5T25	∞	∞	∞	∞	∞	∞	77.05	25.71	15.47	11.10	8.70	7.17	6.14	5.39	4.80	4.37	4.02	—	—	—
C6 HELIR/L 6T30	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞	73.98	24.69	14.84	10.67	8.35	6.89	5.91	5.16	4.65
CDX	.35	.39	.43	.47	.51	.55	.59	.63	.67	.71	.75	.79	.83	.87	.91	.95	1	1.04	1.08	1.12

Spare Parts

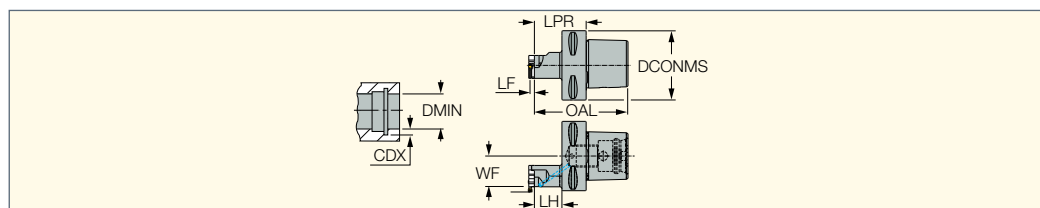
Designation			
C#-HELIR/L	SR M6X16 DIN912	HW 5.0	EZ 104



MODULARGRIP

C#-GHAIR/L

Boring Bars with CAMFIX
Exchangeable Shanks for
Internal Grooving and Turning



M E T R I C							
Designation	DCONMS	LH	LPR	WF	Adapter	OAL	DCP ⁽¹⁾
C3 GHAIL-20	32.00	20.0	35.00	16.00	GEAIL-20	54.00	0
C3 GHAIR-20	32.00	20.0	35.00	16.00	GEAIR-20	54.00	0
C4 GHAIL-20	40.00	20.0	40.00	20.00	GEAIR-20	64.00	1
C4 GHAIR-25	40.00	25.0	45.00	20.00	GEAIR-25	71.40	1
C4 GHAIL-32	40.00	32.0	52.00	20.00	GAIL-32	76.00	1
C4 GHAIR-32	40.00	32.0	52.00	20.00	GAIR-32	76.00	1
C5 GHAIL-20	50.00	20.0	40.00	25.00	GEAIL-20	70.00	1
C5 GHAIR-20	50.00	20.0	40.00	25.00	GEAIR-20	70.00	1
C5 GHAIL-25	50.00	25.0	45.00	25.00	GEAIL-25	75.00	1
C5 GHAIR-25	50.00	25.0	45.00	25.00	GEAIR-25	75.00	1
C5 GHAIL-40	50.00	40.0	60.00	25.00	GEAIL-40	90.00	1
C5 GHAIR-40	50.00	40.0	60.00	25.00	GEAIR-40	90.00	1
C6 GHAIL-25	63.00	25.0	47.00	31.50	GEAIR-25	85.00	1
C6 GHAIL-40	63.00	40.0	62.00	31.50	GAIL-40	100.00	1
C6 GHAIR-40	63.00	40.0	62.00	31.50	GAIR-40	100.00	1

• DMIN, CDX, LF data present in GAIR, GEAIR adapters

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

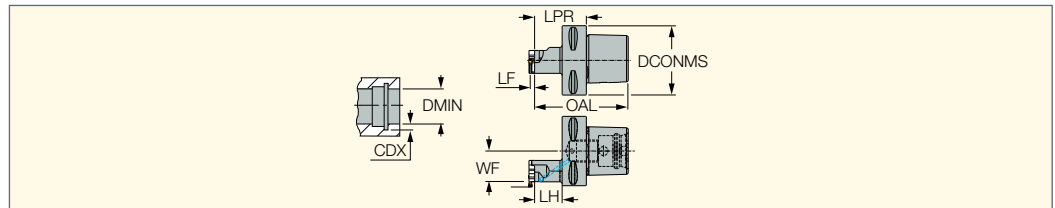
Designation			
C3 GHAIR-20	SR 76-2057	T-8/5	
C4 GHAIR-20	SR 76-2057	T-8/5	
C4 GHAIR-25	SR 16-236 P	T-15/5	
C4 GHAIR/L-32	SR 16-236 P	T-15/5	
C5 GHAIR-20	SR 76-2057	T-8/5	
C5 GHAIR-25	SR 16-236 P	T-15/5	
C5 GHAIR/L-40	SR 16-212	T-20/5	SR 14-519
C6 GHAIR-25	SR 16-236 P	T-15/5	
C6 GHAIR/L-40	SR 16-212	T-20/5	SR 14-519



MODULAR GRIP

C#-GHAIR/L

Boring Bars with CAMFIX
Exchangeable Shanks for
Internal Grooving and Turning



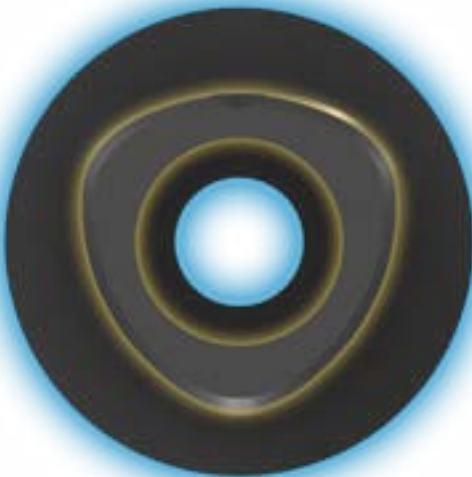
	I N C H						
Designation	DCONMS	LH	LPR	WF	Adapter	OAL	DCP ⁽¹⁾
C3 GHAIL-20	1.260	.787	1.378	.630	GEAIL-20	2.126	0
C3 GHAIR-20	1.260	.787	1.378	.630	GEAIR-20	2.126	0
C4 GHAIL-20	1.575	.787	1.575	.787	GEAIR-20	2.520	1
C4 GHAIR-25	1.575	.984	1.772	.787	GEAIR-25	2.811	1
C4 GHAIL-32	1.575	1.260	2.047	.787	GAIL-32	2.992	1
C4 GHAIR-32	1.575	1.260	2.047	.787	GAIR-32	2.992	1
C5 GHAIL-20	1.968	.787	1.575	.984	GEAIL-20	2.756	1
C5 GHAIR-20	1.968	.787	1.575	.984	GEAIR-20	2.756	1
C5 GHAIL-25	1.968	.984	1.772	.984	GEAIL-25	2.953	1
C5 GHAIR-25	1.968	.984	1.772	.984	GEAIR-25	2.953	1
C5 GHAIL-40	1.968	1.575	2.362	.984	GEAIL-40	3.543	1
C5 GHAIR-40	1.968	1.575	2.362	.984	GEAIR-40	3.543	1
C6 GHAIL-25	2.480	.984	1.850	1.240	GEAIR-25	3.346	1
C6 GHAIL-40	2.480	1.575	2.441	1.240	GAIL-40	3.937	1
C6 GHAIR-40	2.480	1.575	2.441	1.240	GAIR-40	3.937	1

• DMIN, CDX, LF data present in GAIR, GEAIR adapters

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

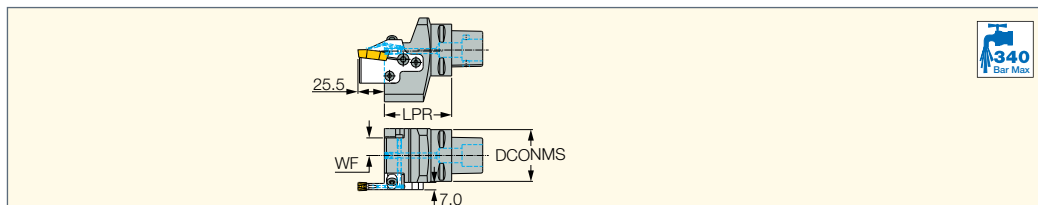
Designation			
C3 GHAIR-20	SR 76-2057	T-8/5	
C4 GHAIR-20	SR 76-2057	T-8/5	
C4 GHAIR-25	SR 16-236 P	T-15/5	
C4 GHAIR/L-32	SR 16-236 P	T-15/5	
C5 GHAIR-20	SR 76-2057	T-8/5	
C5 GHAIR-25	SR 16-236 P	T-15/5	
C5 GHAIR/L-40	SR 16-212	T-20/5	SR 14-519
C6 GHAIR-25	SR 16-236 P	T-15/5	
C6 GHAIR/L-40	SR 16-212	T-20/5	SR 14-519



CUTGRIP

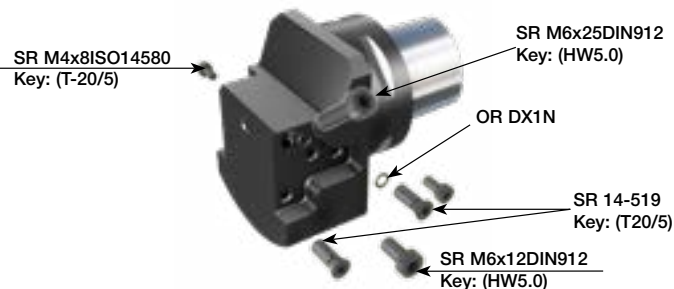
C#-GHAD-JHP

Holders with High Pressure
Coolant Channels and CAMFIX
Exchangeable Shanks for
Grooving and Turning



M E T R I C				
Designation	DCONMS	LPR	WF	DCP ⁽¹⁾
C4 GHAD-8 JHP	40.00	62.00	13.00	1
C5 GHAD-8-JHP	50.00	65.00	17.00	1
C6 GHAD-8-JHP	63.00	65.00	23.50	1
C8 GHAD-8-JHP	80.00	74.00	38.50	1

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip



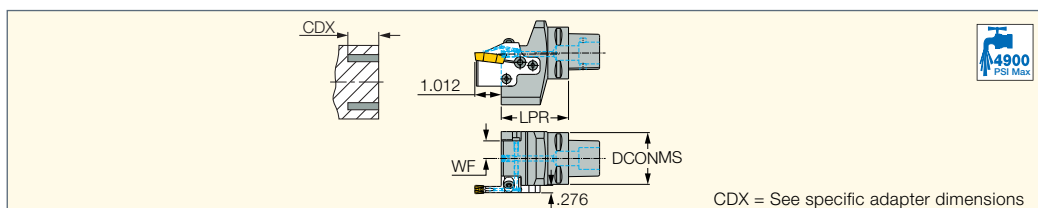
Spare Parts

Designation							
C4 GHAD-8 JHP	SR 14-519	T-20/5	SR M6X20 DIN912	HW 5.0X120 MM	SR M6X12DIN6912	OR 5X1N	SR M4X8ISO14580 BLACK
C5 GHAD-8-JHP	SR 14-519	T-20/5	SR M6X25DIN912	HW 5.0	SR M6X12DIN6912	OR 5X1N	SR M4X8ISO14580 BLACK
C6 GHAD-8-JHP	SR 14-519	T-20/5	SR M6X25DIN912	HW 5.0X120 MM	SR M6X12DIN6912	OR 5X1N	SR M4X8ISO14580 BLACK
C8 GHAD-8-JHP	SR 14-519	T-20/5	SR M6X25 DIN912	HW 5.0X120 MM	SR M6X12DIN6912	OR 5X1N	SR M4X8ISO14580 BLACK

CUTGRIP

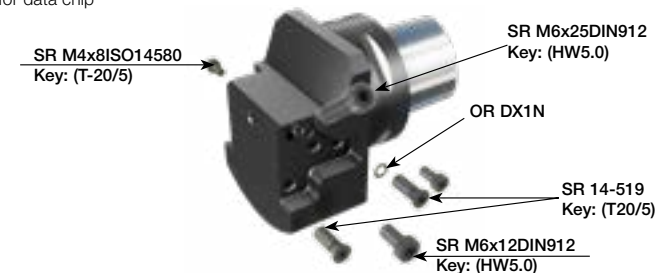
C#-GHAD-JHP

Holders with High Pressure
Coolant Channels and CAMFIX
Exchangeable Shanks for
Grooving and Turning



I N C H				
Designation	DCONMS	LPR	WF	DCP ⁽¹⁾
C4 GHAD-8 JHP	1.575	2.441	.512	1
C5 GHAD-8-JHP	1.968	2.559	.669	1
C6 GHAD-8-JHP	2.480	2.559	.925	1
C8 GHAD-8-JHP	3.150	2.913	1.516	1

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip



Spare Parts

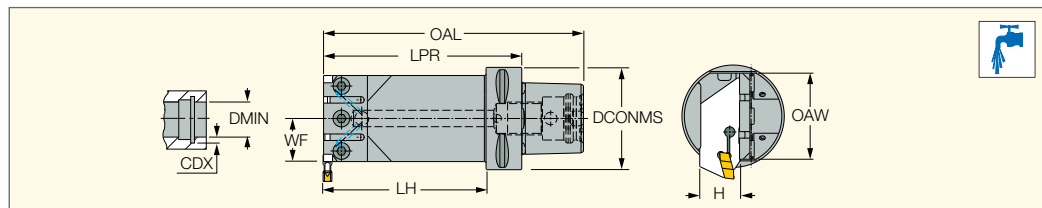
Designation							
C4 GHAD-8 JHP	SR 14-519	T-20/5	SR M6X20 DIN912	HW 5.0X120 MM	SR M6X12DIN6912	OR 5X1N	SR M4X8ISO14580 BLACK
C5 GHAD-8-JHP	SR 14-519	T-20/5	SR M6X25DIN912	HW 5.0	SR M6X12DIN6912	OR 5X1N	SR M4X8ISO14580 BLACK
C6 GHAD-8-JHP	SR 14-519	T-20/5	SR M6X25DIN912	HW 5.0X120 MM	SR M6X12DIN6912	OR 5X1N	SR M4X8ISO14580 BLACK
C8 GHAD-8-JHP	SR 14-519	T-20/5	SR M6X25 DIN912	HW 5.0X120 MM	SR M6X12DIN6912	OR 5X1N	SR M4X8ISO14580 BLACK



MODULARGRIP

C#-GHIC

CUT-GRIP holders with CAMFIX
Exchangeable Shanks for Internal
Grooving and Turning Blades



M E T R I C											
Designation	DCONMS	LPR	H	OAW	WF	OAL	LH	DCP ⁽¹⁾			
C5 GHIC-70	50.00	120.00	26.0	53.00	26.50	150.00	100.0	1	SR M8X6 DIN913	SR M6X16 DIN912	SR M3X4 DIN913
C6 GHIC-70	63.00	122.00	26.0	53.00	26.50	160.00	100.0	1	SR M8X6 DIN913	SR M6X16 DIN912	SR M3X4 DIN913

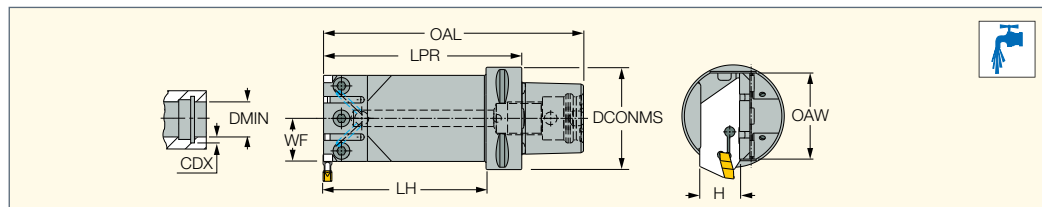
• Data for DMIN and CDX parameters presents in CGHN 26-M, SGFH 26-M, TGHN 26-M adapters

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

MODULARGRIP

C#-GHIC

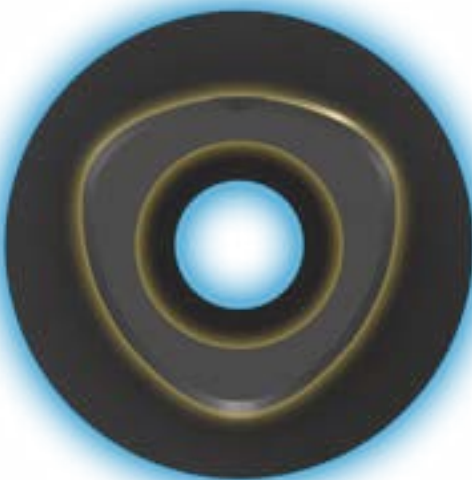
CUT-GRIP holders with CAMFIX
Exchangeable Shanks for Internal
Grooving and Turning Blades



I N C H											
Designation	DCONMS	LPR	H	OAW	WF	OAL	LH	DCP ⁽¹⁾			
C5 GHIC-70	1.968	4.724	1.024	2.087	1.043	5.906	3.937	1	SR M8X6 DIN913	SR M6X16 DIN912	SR M3X4 DIN913
C6 GHIC-70	2.480	4.803	1.024	2.087	1.043	6.299	3.937	1	SR M8X6 DIN913	SR M6X16 DIN912	SR M3X4 DIN913

• Data for DMIN and CDX parameters presents in CGHN 26-M, SGFH 26-M, TGHN 26-M adapters

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

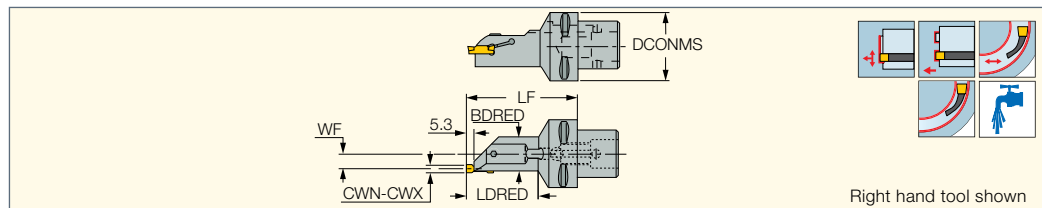


FACE GROOVING TOOLS



CUTGRIP**C#-HFIR/L-MC**

Boring Bars for Internal Grooving
and Turning with CAMFIX
Exchangeable Shanks



Right hand tool shown

M E T R I C

Designation	CWN ⁽¹⁾	CWX ⁽²⁾	DCONMS	WF	LDRED	LF	BDRED	DCP ⁽³⁾			
C4 HFIR/L-MC	3.00	6.00	40.00	11.30	52.0	80.0	25.00	1	SR M5X16 DIN912	HW 4.0	EZ 83
C5 HFIR-MC	3.00	6.00	50.00	11.30	52.0	80.0	25.00	1	SR M5X16 DIN912	HW 4.0	EZ 83

- DGN & GRIP 4.. - 6.. inserts can be used only with right-hand tools, HGPL 4.. - 6.. inserts with left-hand tools
- After initial groove, no limitation to widening groove outward or toward center

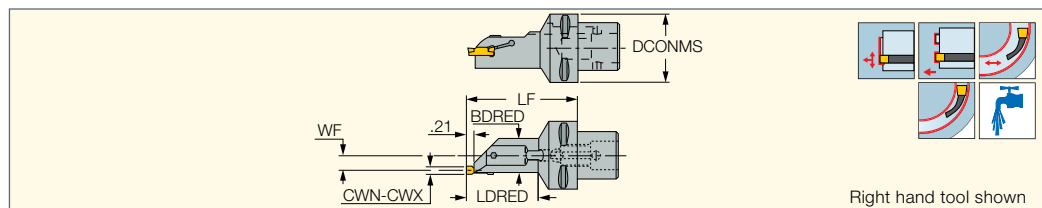
⁽¹⁾ Minimum cutting width

⁽²⁾ Maximum cutting width

⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

CUTGRIP**C#-HFIR/L-MC**

Boring Bars for Internal Grooving
and Turning with CAMFIX
Exchangeable Shanks



Right hand tool shown

I N C H

Designation	CWN ⁽¹⁾	CWX ⁽²⁾	DCONMS	WF	LDRED	LF	BDRED	DCP ⁽³⁾			
C4 HFIR/L-MC	.118	.236	1.575	.445	2.05	3.15	.984	1	SR M5X16 DIN912	HW 4.0	EZ 83
C5 HFIR-MC	.118	.236	1.968	.445	2.05	3.15	.984	1	SR M5X16 DIN912	HW 4.0	EZ 83

- DGN & GRIP 4.. - 6.. inserts can be used only with right-hand tools, HGPL 4.. - 6.. inserts with left-hand tools
- After initial groove, no limitation to widening groove outward or toward center

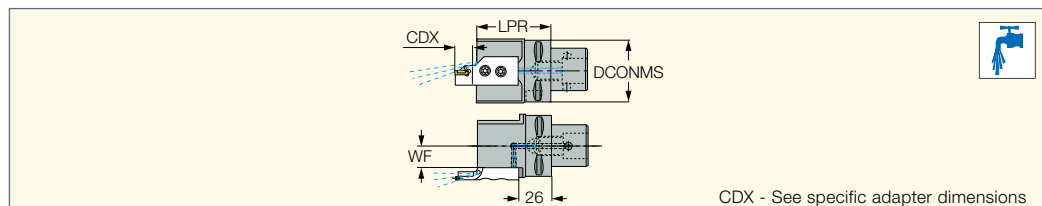
⁽¹⁾ Minimum cutting width

⁽²⁾ Maximum cutting width

⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

CAMFIX**C#-HAD**

Holders with CAMFIX
Exchangeable Tapered Shanks
for Internal Facing Adapters



CDX - See specific adapter dimensions

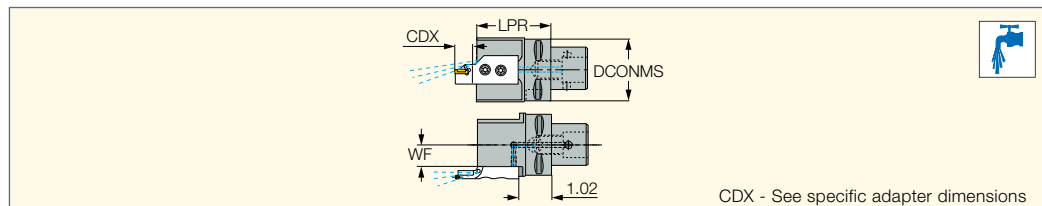
M E T R I C

Designation	DCONMS	LPR	WF	DCP ⁽¹⁾				
C4 HAD	40.00	60.00	18.0	1	SR 14-519	T-20/3	SR M4X6DIN912	HW 3.0
C5 HAD	50.00	60.00	18.0	1	SR 14-519	T-20/3	SR M4X6DIN912	HW 3.0
C6 HAD	63.00	60.00	22.0	1	SR 14-519	T-20/3	SR M4X6DIN912	HW 3.0

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

CAMFIX**C#-HAD**

Holders with CAMFIX
Exchangeable Tapered Shanks
for Internal Facing Adapters



CDX - See specific adapter dimensions

I N C H

Designation	DCONMS	LPR	WF	DCP ⁽¹⁾				
C4 HAD	1.575	2.362	.709	1	SR 14-519	T-20/3	SR M4X6DIN912	HW 3.0
C5 HAD	1.968	2.362	.709	1	SR 14-519	T-20/3	SR M4X6DIN912	HW 3.0
C6 HAD	2.480	2.362	.866	1	SR 14-519	T-20/3	SR M4X6DIN912	HW 3.0

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

THREADING TOOLS

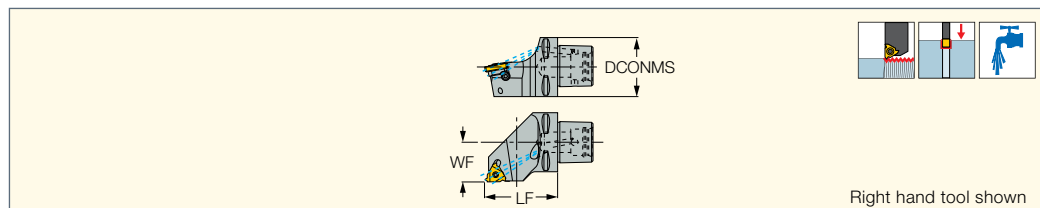




ISCAR[®]THREAD

C#-SER/L

External Threading Tools with
CAMFIX Exchangeable Shanks



Right hand tool shown

M E T R I C						
Designation	DCONMS	WF	LF	CP ⁽¹⁾	DCP ⁽²⁾	Insert ⁽³⁾
C4 SER/L-27050-16	40.00	27.00	50.00	200	1	16ER/L...
C5 SEL-35060-16	50.00	35.00	60.00	200	1	16ER/L...
C5 SER-35060-16	50.00	35.00	60.00	200	1	16ER/L...
C6 SER/L-45065-16	63.00	45.00	65.00	200	1	16ER/L...
C4 SER/L-27050-22	40.00	27.00	50.00	200	1	22ER/L...
C5 SER/L-35060-22	50.00	35.00	60.00	200	1	22ER/L...
C6 SER/L-45065-22	63.00	45.00	65.00	200	1	22ER/L...
C8 SER/L-55080-22	80.00	55.00	80.00	200	1	22ER/L...

⁽¹⁾ Coolant pressure (Bar)

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

⁽³⁾ Right-hand inserts for right-hand tools and vice versa

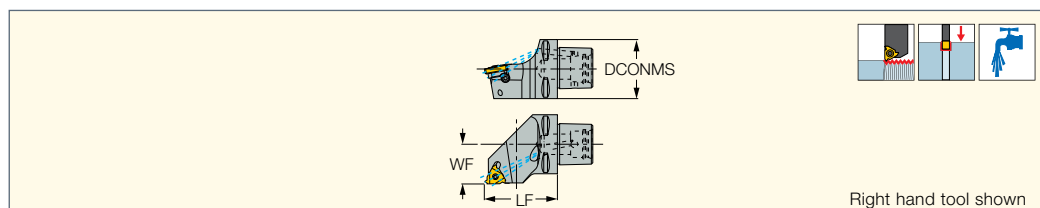
Spare Parts

Designation					
C4 SEL-27050-16	AI16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5	EZ 83
C4 SER-27050-16	AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5	EZ 83
C5 SEL-35060-16	AI16*	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5	EZ 104
C5 SER-35060-16	AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5	EZ 104
C6 SEL-45065-16	AI16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5	EZ 104
C6 SER-45065-16	AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5	EZ 104
C4 SEL-27050-22	AI22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5	EZ 83
C4 SER-27050-22	AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5	EZ 83
C5 SEL-35060-22	AI22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5	EZ 104
C5 SER-35060-22	AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5	EZ 104
C6 SEL-45065-22	AI22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5	EZ 104
C6 SER-45065-22	AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5	EZ 104
C8 SEL-55080-22	AI22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5	EZ 125
C8 SER-55080-22	AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5	EZ 125

* Optional, to be ordered separately

ISCAR[®] THREAD**C#-SER/L**

External Threading Tools with
CAMFIX Exchangeable Shanks



	I N C H					
Designation	DCONMS	WF	LF	CP ⁽¹⁾	DCP ⁽²⁾	Insert ⁽³⁾
C4 SER/L-27050-16	1.575	1.063	1.968	2900	1	16ER
C5 SEL-35060-16	1.968	1.378	2.362	2900	1	16EL
C5 SER-35060-16	1.968	1.378	2.362	2900	1	16ER
C6 SER/L-45065-16	2.480	1.772	2.559	2900	1	16ER
C4 SER/L-27050-22	1.575	1.063	1.968	2900	1	22ER
C5 SER/L-35060-22	1.968	1.378	2.362	2900	1	22ER
C6 SER/L-45065-22	2.480	1.772	2.559	2900	1	22ER
C8 SER/L-55080-22	3.150	2.165	3.150	2900	1	22ER

⁽¹⁾ Coolant pressure (PSI)

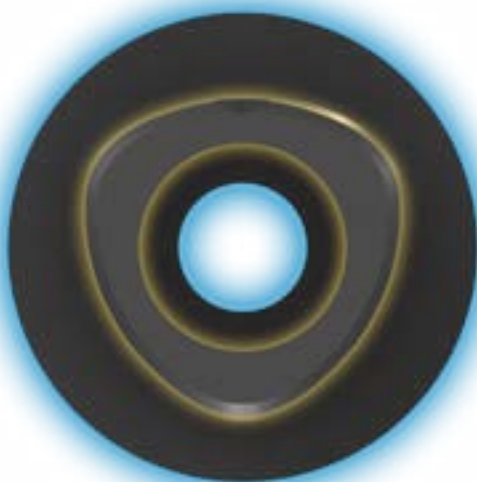
⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

⁽³⁾ Right-hand inserts for right-hand tools and vice versa

Spare Parts

Designation					
C4 SEL-27050-16	AI16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5	EZ 83
C4 SER-27050-16	AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5	EZ 83
C5 SEL-35060-16	AI16*	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5	EZ 104
C5 SER-35060-16	AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5	EZ 104
C6 SEL-45065-16	AI16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5	EZ 104
C6 SER-45065-16	AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5	EZ 104
C4 SEL-27050-22	AI22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5	EZ 83
C4 SER-27050-22	AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5	EZ 83
C5 SEL-35060-22	AI22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5	EZ 104
C5 SER-35060-22	AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5	EZ 104
C6 SEL-45065-22	AI22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5	EZ 104
C6 SER-45065-22	AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5	EZ 104
C8 SEL-55080-22	AI22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5	EZ 125
C8 SER-55080-22	AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5	EZ 125

* Optional, to be ordered separately

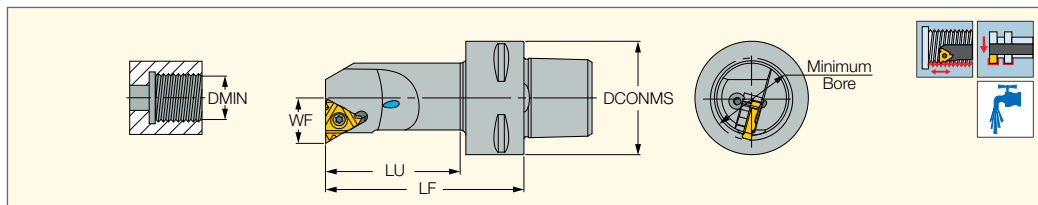




ISCAR THREAD

C#-SIR/L

Internal Threading Bars with
CAMFIX Exchangeable Shanks



M E T R I C								
Designation	DCONMS	DMIN	WF	LU	LF	Insert	CP ⁽¹⁾	DCP ⁽²⁾
C4 SIR/L-12060-16	40.00	20.00	11.70	37.0	60.00	16 IR/L...	200	1
C4 SIR/L-14060-16	40.00	25.00	13.50	38.0	60.00	16 IR/L...	200	1
C4 SIR-15065-22	40.00	25.00	15.40	42.0	65.00	22 IR/L...	200	1
C4 SIR/L-17070-16	40.00	29.00	16.00	48.0	70.00	16 IR/L...	200	1
C4 SIR/L-19070-22	40.00	29.00	17.90	48.0	70.00	22 IR/L...	200	1
C4 SIR/L-22090-16	40.00	36.00	19.50	69.0	90.00	16 IR/L...	200	1
C4 SIR/L-22090-22	40.00	38.00	21.40	69.0	90.00	22 IR/L...	200	1
C4 SIR/L-27080-16	40.00	44.00	23.50	60.0	80.00	16 IR/L...	200	1
C4 SIR/L-27080-22	40.00	46.00	25.40	60.0	80.00	22 IR/L...	200	1
C5 SIR/L-12060-16	50.00	20.00	11.70	37.0	60.00	16 IR/L...	200	1
C5 SIR-12060-16	50.00	20.00	11.70	35.0	60.00	16 IR/L...	200	1
C5 SIR/L-14060-16	50.00	25.00	13.50	36.0	60.00	16 IR/L...	200	1
C5 SIR/L-15065-22	50.00	25.00	15.40	42.0	65.00	22 IR/L...	200	1
C5 SIR-14060-16	50.00	25.00	13.50	38.0	60.00	16 IR/L...	200	1
C5 SIR/L-17070-16	50.00	29.00	16.00	48.0	70.00	16 IR/L...	200	1
C5 SIR/L-19070-22	50.00	29.00	17.90	48.0	70.00	22 IR/L...	200	1
C5 SIR/L-22090-16	50.00	36.00	19.50	68.0	90.00	16 IR/L...	200	1
C5 SIR/L-22090-22	50.00	38.00	21.40	68.0	90.00	22 IR/L...	200	1
C5 SIR/L-27105-16	50.00	44.00	23.50	84.0	105.00	16 IR/L...	200	1
C5 SIR/L-27105-22	50.00	46.00	25.40	84.0	105.00	22 IR/L...	200	1
C6 SIR/L-14070-16	63.00	25.00	13.50	45.0	70.00	16 IR/L...	200	1
C6 SIR/L-17075-16	63.00	29.00	16.00	50.0	75.00	16 IR/L...	200	1
C6 SIR/L-19075-22	63.00	29.00	17.90	50.0	75.00	22 IR/L...	200	1
C6 SIR/L-22090-16	63.00	36.00	19.50	65.0	90.00	16 IR/L...	200	1
C6 SIR/L-22090-22	63.00	38.00	21.40	64.0	90.00	22 IR/L...	200	1
C6 SIR/L-27105-16	63.00	44.00	23.50	80.0	105.00	16 IR/L...	200	1
C6 SIR/L-27105-22	63.00	46.00	25.40	80.0	105.00	22 IR/L...	200	1

⁽¹⁾ Coolant pressure (Bar)

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip





Spare Parts

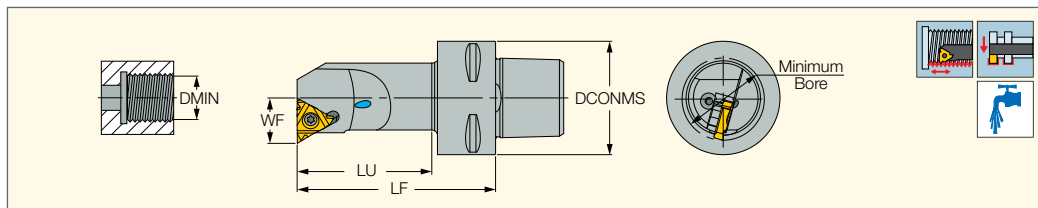
Designation					
C4 SIL-12060-16				SR 5-40-L9.7-S16S	T-10/5
C4 SIL-14060-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C4 SIR-14060-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C4 SIR-15065-22				SR 8-32-L12-S22S	T-20/5
C4 SIL-17070-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C4 SIL-19070-22		AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C4 SIR-17070-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C4 SIR-19070-22	AI22		SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C4 SIL-22090-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C4 SIR-22090-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C4 SIL-22090-22		AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C4 SIR-22090-22	AI22		SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C4 SIL-27080-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C4 SIR-27080-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C4 SIL-27080-22		AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C4 SIR-27080-22	AI22		SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C5 SIR/L-12060-16				SR 5-40-L9.7-S16S	T-10/5
C5 SIL-14060-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C5 SIR/L-15065-22				SR 8-32-L12-S22S	T-20/5
C5 SIR-14060-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C5 SIL-17070-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C5 SIL-19070-22		AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C5 SIR-17070-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C5 SIR-19070-22	AI22		SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C5 SIL-22090-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C5 SIR-22090-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C5 SIL-22090-22		AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C5 SIR-22090-22	AI22		SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C5 SIL-27105-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C5 SIR-27105-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C5 SIL-27105-22		AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C5 SIR-27105-22	AI22		SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C6 SIL-14070-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C6 SIR-14070-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C6 SIL-17075-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C6 SIL-19075-22		AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C6 SIR-17075-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C6 SIR-19075-22	AI22		SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C6 SIL-22090-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C6 SIR-22090-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C6 SIL-22090-22		AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C6 SIR-22090-22	AI22		SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C6 SIL-27105-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C6 SIR-27105-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C6 SIL-27105-22		AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C6 SIR-27105-22	AI22		SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5



ISCAR[®]THREAD

C#-SIR/L

Internal Threading Bars with
CAMFIX Exchangeable Shanks



I N C H								
Designation	DCONMS	DMIN	WF	LU	LF	Insert	CP ⁽¹⁾	DCP ⁽²⁾
C4 SIR/L-12060-16	1.575	.787	.461	1.457	2.362	16 IR/L...	2900	1
C4 SIR/L-14060-16	1.575	.984	.531	1.496	2.362	16 IR/L...	2900	1
C4 SIR-15065-22	1.575	.984	.606	1.654	2.559	22 IR/L...	2900	1
C4 SIR/L-17070-16	1.575	1.142	.630	1.890	2.756	16 IR/L...	2900	1
C4 SIR/L-19070-22	1.575	1.142	.705	1.890	2.756	22 IR/L...	2900	1
C4 SIR/L-22090-16	1.575	1.417	.768	2.717	3.543	16 IR/L...	2900	1
C4 SIR/L-22090-22	1.575	1.496	.843	2.717	3.543	22 IR/L...	2900	1
C4 SIR/L-27080-16	1.575	1.732	.925	2.362	3.150	16 IR/L...	2900	1
C4 SIR/L-27080-22	1.575	1.811	1.000	2.362	3.150	22 IR/L...	2900	1
C5 SIL-12060-16	1.968	.787	.461	1.457	2.362	16 IR/L...	2900	1
C5 SIR-12060-16	1.968	.787	.461	1.378	2.362	16 IR/L...	2900	1
C5 SIL-14060-16	1.968	.984	.531	1.417	2.362	16 IR/L...	2900	1
C5 SIR/L-15065-22	1.968	.984	.606	1.654	2.559	22 IR/L...	2900	1
C5 SIR-14060-16	1.968	.984	.531	1.496	2.362	16 IR/L...	2900	1
C5 SIR/L-17070-16	1.968	1.142	.630	1.890	2.756	16 IR/L...	2900	1
C5 SIR/L-19070-22	1.968	1.142	.705	1.890	2.756	22 IR/L...	2900	1
C5 SIR/L-22090-16	1.968	1.417	.768	2.677	3.543	16 IR/L...	2900	1
C5 SIR/L-22090-22	1.968	1.496	.843	2.677	3.543	22 IR/L...	2900	1
C5 SIR/L-27105-16	1.968	1.732	.925	3.307	4.134	16 IR/L...	2900	1
C5 SIR/L-27105-22	1.968	1.811	1.000	3.307	4.134	22 IR/L...	2900	1
C6 SIR/L-14070-16	2.480	.984	.531	1.772	2.756	16 IR/L...	2900	1
C6 SIR/L-17075-16	2.480	1.142	.630	1.968	2.953	16 IR/L...	2900	1
C6 SIR/L-19075-22	2.480	1.142	.705	1.968	2.953	22 IR/L...	2900	1
C6 SIR/L-22090-16	2.480	1.417	.768	2.559	3.543	16 IR/L...	2900	1
C6 SIR/L-22090-22	2.480	1.496	.843	2.520	3.543	22 IR/L...	2900	1
C6 SIR/L-27105-16	2.480	1.732	.925	3.150	4.134	16 IR/L...	2900	1
C6 SIR/L-27105-22	2.480	1.811	1.000	3.150	4.134	22 IR/L...	2900	1

⁽¹⁾ Coolant pressure (PSI)

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip





Spare Parts

Designation					
C4 SIL-12060-16				SR 5-40-L9.7-S16S	T-10/5
C4 SIL-14060-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C4 SIR-14060-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C4 SIR-15065-22				SR 8-32-L12-S22S	T-20/5
C4 SIL-17070-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C4 SIL-19070-22		AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C4 SIR-17070-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C4 SIR-19070-22	AI22		SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C4 SIL-22090-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C4 SIR-22090-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C4 SIL-22090-22		AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C4 SIR-22090-22	AI22		SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C4 SIL-27080-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C4 SIR-27080-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C4 SIL-27080-22		AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C4 SIR-27080-22	AI22		SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C5 SIR/L-12060-16				SR 5-40-L9.7-S16S	T-10/5
C5 SIL-14060-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C5 SIR/L-15065-22				SR 8-32-L12-S22S	T-20/5
C5 SIR-14060-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C5 SIL-17070-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C5 SIL-19070-22		AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C5 SIR-17070-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C5 SIR-19070-22	AI22		SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C5 SIL-22090-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C5 SIR-22090-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C5 SIL-22090-22		AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C5 SIR-22090-22	AI22		SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C5 SIL-27105-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C5 SIR-27105-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C5 SIL-27105-22		AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C5 SIR-27105-22	AI22		SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C6 SIL-14070-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C6 SIR-14070-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C6 SIL-17075-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C6 SIL-19075-22		AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C6 SIR-17075-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C6 SIR-19075-22	AI22		SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C6 SIL-22090-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C6 SIR-22090-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C6 SIL-22090-22		AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C6 SIR-22090-22	AI22		SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C6 SIL-27105-16		AE16	SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C6 SIR-27105-16	AI16		SR 5-40-L6.8-A16	SR 5-40-L12.2-S16	T-10/5
C6 SIL-27105-22		AE22	SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5
C6 SIR-27105-22	AI22		SR 8-32-L5.8-A22	SR 8-32-L15-S22	T-20/5

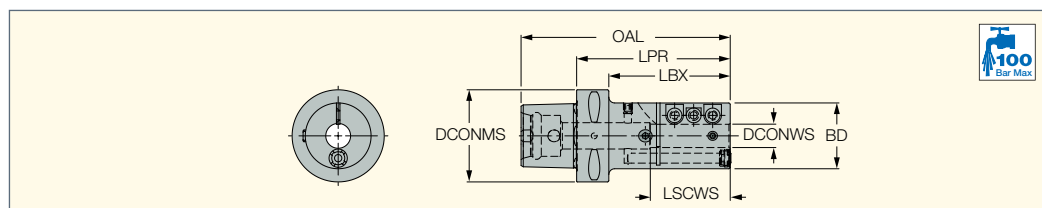
TOOLING SYSTEMS



WHISPERLINE

C#-AV-JHP

CAMFIX Holders for
Anti-Vibration Tools



M E T R I C								
Designation	DCONMS	DCONWS	OAL	BD	LPR	LSCWS	LBX	
C6 AV-D16-JHP	63.00	16.00	143.00	45.00	105.00	55.00	83.00	1.57
C6 AV-D20-JHP	63.00	20.00	143.00	55.00	105.00	80.00	83.00	2.00
C6 AV-D25-JHP	63.00	25.00	143.00	55.00	105.00	80.00	83.00	1.89
C6 AV-D32-JHP	63.00	32.00	143.00	65.00	105.00	85.00	66.60	2.23
C6 AV-D40-JHP	63.00	40.00	143.00	75.00	105.00	85.00	64.00	2.49



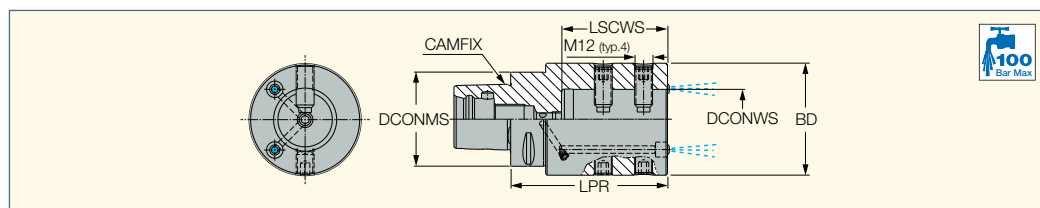
FRONT VIEW



BACK VIEW

CAMFIX**C#-ABB**

Adapters with CAMFIX
Exchangeable Shanks for Boring
Bars with Reduction Sleeves



M E T R I C						
Designation	DCONMS	DCONWS	BD	LPR	LSCWS	DCP ⁽²⁾
C4 ABB 25-60	40.00	25.00	63.00	100.00	60.0	1
C5 ABB-25-60	50.00	25.00	63.00	100.00	60.0	1
C6 ABB-25-60	63.00	25.00	63.00	100.00	60.0	1
C6ABB-25-60C ⁽¹⁾	63.00	25.00	63.00	95.00	60.0	0
C6 ABB-40-70	63.00	40.00	75.00	105.00	71.0	1
C6ABB-40-70C ⁽¹⁾	63.00	40.00	75.00	105.00	71.0	0
C8 ABB 25-60	80.00	25.00	63.00	100.00	60.0	1
C8 ABB 40-72	80.00	40.00	75.00	105.00	71.0	1

⁽¹⁾ Different coolant outlet position and number of screws

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

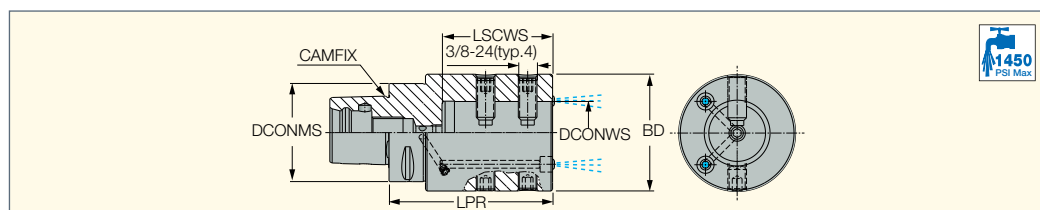
Spare Parts

Designation							
C4 ABB 25-60	SR M10X12 DIN1835-B	SR M10X20 DIN915	SR M10X6DIN913	HW 5.0*	SATZ-M12X1-M6	WRENCH NOZZLE HP M12*	COOLING TUBE C4* WRENCH COOL TUBE C4*
C5 ABB-25-60	SR M10X12 DIN1835-B	SR M10X20 DIN915	SR M10X6DIN913	HW 5.0*	SATZ-M12X1-M6	WRENCH NOZZLE HP M12*	COOLING TUBE C5* WRENCH COOL TUBE C5*
C6 ABB-25-60	SR M10X12 DIN1835-B	SR M10X20 DIN915	SR M10X6DIN913	HW 5.0*	SATZ-M12X1-M6	WRENCH NOZZLE HP M12*	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6ABB-25-60C	SR M10X12 DIN1835-B	SR M10X20 DIN915*	SR M10X6DIN913	HW 6.0*	SATZ-M12X1-M6	WRENCH NOZZLE HP M12*	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 ABB-40-70	SR M12X16 DIN1835-B	SR M12X30 DIN915	SR M10X6DIN913	HW 6.0*	SATZ-M12X1-M6	WRENCH NOZZLE HP M12*	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6ABB-40-70C	SR M12X16 DIN1835-B	SR M12X30 DIN915*	SR M10X6DIN913	HW 6.0*	SATZ-M12X1-M6	WRENCH NOZZLE HP M12*	COOLING TUBE C6* WRENCH COOL TUBE C6*
C8 ABB 25-60	SR M10X12 DIN1835-B	SR M10X20 DIN915	SR M10X6DIN913	HW 5.0*	SATZ-M12X1-M6	WRENCH NOZZLE HP M12*	COOLING TUBE C8* WRENCH COOL TUBE C8*
C8 ABB 40-72	SR M12X16 DIN1835-B	SR M12X30 DIN915	SR M10X6DIN913	HW 6.0*	SATZ-M12X1-M6	WRENCH NOZZLE HP M12*	COOLING TUBE C8* WRENCH COOL TUBE C8*

* Optional, to be ordered separately

CAMFIX**C#-ABB**

Adapters with CAMFIX
Exchangeable Shanks for Boring
Bars with Reduction Sleeves



I N C H						
Designation	DCONMS	DCONWS	LPR	BD	LSCWS	DCP ⁽¹⁾
C6 ABB 1X2.36	2.480	1.000	3.937	2.480	2.362	1
C6 ABB 1 1/2X2.75	2.480	1.500	4.134	2.953	2.756	1

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

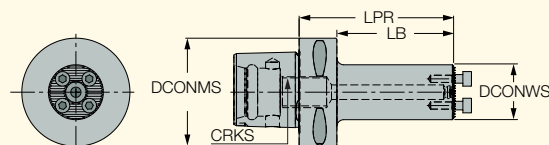
Spare Parts

Designation						
C6 ABB 1X2.36	SCREW 3/8-24X.4375 EM	SATZ-M12X1-M6	COOLING TUBE C6*	WRENCH COOL TUBE C6*		HSSS 3/8-24X.0.250 CUP.P
C6 ABB 1 1/2X2.75	SCREW 1/2-20X.500 EM	SATZ-M12X1-M6	COOLING TUBE C6*	WRENCH COOL TUBE C6*	HSSS 1/2-20X1.25 1/2DOG P	HSSS 3/8-24X.0.250 CUP.P

* Optional, to be ordered separately

C#-SH-JHP

Serrated Connection
Shanks with a CAMFIX
Exchangeable Adaptation



M E T R I C

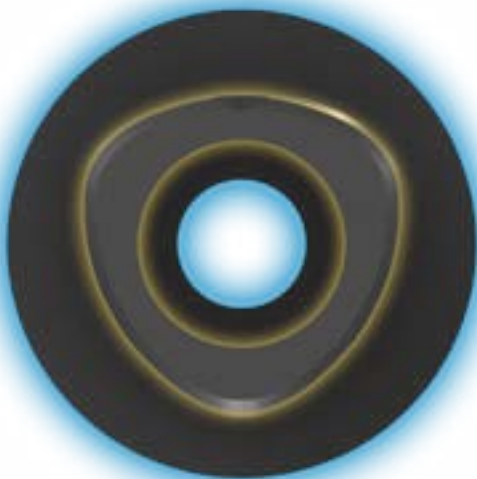
Designation	DCONMS	DCONWS	LPR	LB	CRKS		DCP ⁽¹⁾
C4-SH-D16-2.5D-JHP	40.00	16.00	40.00	20.00	M14	0.31	1
C4-SH-D20-2.5D-JHP	40.00	20.00	50.00	30.00	M14	0.35	1
C4-SH-D25-2.5D-JHP	40.00	25.00	55.00	35.00	M14	0.41	1
C4-SH-D32-2.5D-JHP	40.00	32.00	75.00	55.00	M14	0.63	1
C4-SH-D40-3D-JHP	40.00	40.00	80.00	80.00	M14	0.88	1
C5-SH-D16-2.5D-JHP	50.00	16.00	40.00	20.00	M16	0.50	1
C5-SH-D20-2.5D-JHP	50.00	20.00	50.00	30.00	M16	0.54	1
C5-SH-D25-2.5D-JHP	50.00	25.00	55.00	35.00	M16	0.61	1
C5-SH-D32-2.5D-JHP	50.00	32.00	75.00	55.00	M16	0.80	1
C5-SH-D40-3D-JHP	50.00	40.00	100.00	80.00	M16	1.26	1
C6-SH-D16-2.5D-JHP	63.00	16.00	40.00	18.00	M20	0.83	1
C6-SH-D20-2.5D-JHP	63.00	20.00	50.00	28.00	M20	0.87	1
C6-SH-D25-2.5D-JHP	63.00	25.00	65.00	43.00	M20	0.00	1
C6-SH-D32-3D-JHP	63.00	32.00	90.00	68.00	M20	1.26	1
C6-SH-D32-4D-JHP	63.00	32.00	125.00	103.00	M20	0.00	1
C6-SH-D40-3D-JHP	63.00	40.00	100.00	78.00	M20	1.61	1
C6-SH-D40-4D-JHP	63.00	40.00	140.00	118.00	M20	1.99	1

• Suitable for MULTI-TASKING machines only

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

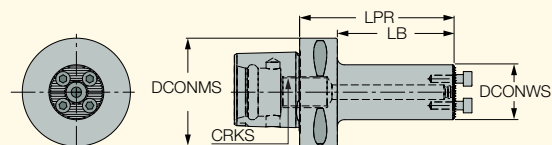
Spare Parts

Designation		
C4-SH-D16-2.5D-JHP	SR M3X10DIN912	HW 2.5
C4-SH-D20-2.5D-JHP	SR M3.5XL10-D5.5	HW 2.5
C5-SH-D16-2.5D-JHP	SR M3X10DIN912	HW 2.5
C5-SH-D20-2.5D-JHP	SR M3.5XL10-D5.5	HW 2.5
C5-SH-D32-2.5D-JHP	SR M3X10DIN912	HW 2.5
C6-SH-D16-2.5D-JHP	SR M3X10DIN912	HW 2.5
C6-SH-D20-2.5D-JHP	SR M3.5XL10-D5.5	HW 2.5



C#-SH-JHP

Serrated Connection
Shanks with a CAMFIX
Exchangeable Adaptation



I N C H							
Designation	DCONMS	DCONWS	LPR	LB	CRKS		DCP ⁽¹⁾
C4-SH-D16-2.5D-JHP	1.575	.6299	1.575	.787	M14	.69	1
C4-SH-D20-2.5D-JHP	1.575	.7874	1.969	1.181	M14	.77	1
C4-SH-D25-2.5D-JHP	1.575	.9842	2.165	1.378	M14	.91	1
C4-SH-D32-2.5D-JHP	1.575	1.2598	2.953	2.165	M14	1.38	1
C4-SH-D40-3D-JHP	1.575	1.5748	3.150	3.150	M14	1.94	1
C5-SH-D16-2.5D-JHP	1.968	.6299	1.575	.787	M16	1.10	1
C5-SH-D20-2.5D-JHP	1.968	.7874	1.969	1.181	M16	1.18	1
C5-SH-D25-2.5D-JHP	1.968	.9842	2.165	1.378	M16	1.34	1
C5-SH-D32-2.5D-JHP	1.968	1.2598	2.953	2.165	M16	1.76	1
C5-SH-D40-3D-JHP	1.968	1.5748	3.937	3.150	M16	2.79	1
C6-SH-D16-2.5D-JHP	2.480	.6299	1.575	.709	M20	1.83	1
C6-SH-D20-2.5D-JHP	2.480	.7874	1.969	1.102	M20	1.92	1
C6-SH-D25-2.5D-JHP	2.480	.9842	2.559	1.693	M20	0	1
C6-SH-D32-3D-JHP	2.480	1.2598	3.543	2.677	M20	2.78	1
C6-SH-D32-4D-JHP	2.480	1.2598	4.921	4.055	M20	0	1
C6-SH-D40-3D-JHP	2.480	1.5748	3.937	3.071	M20	3.55	1
C6-SH-D40-4D-JHP	2.480	1.5748	5.512	4.646	M20	4.38	1

• Suitable for MULTI-TASKING machines only

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

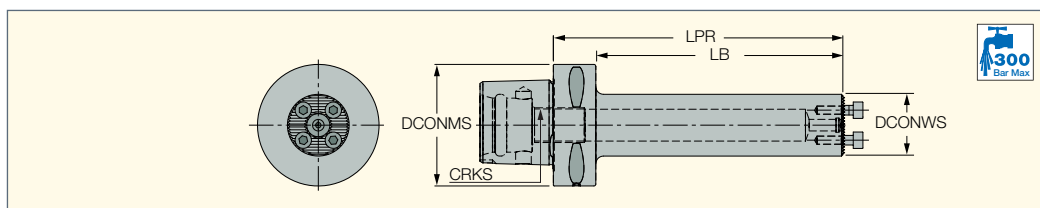
Spare Parts

Designation		
C4-SH-D16-2.5D-JHP	SR M3X10DIN912	HW 2.5
C4-SH-D20-2.5D-JHP	SR M3.5XL10-D5.5	HW 2.5
C5-SH-D16-2.5D-JHP	SR M3X10DIN912	HW 2.5
C5-SH-D20-2.5D-JHP	SR M3.5XL10-D5.5	HW 2.5
C5-SH-D32-2.5D-JHP	SR M3X10DIN912	HW 2.5
C6-SH-D16-2.5D-JHP	SR M3X10DIN912	HW 2.5
C6-SH-D20-2.5D-JHP	SR M3.5XL10-D5.5	HW 2.5

**FRONT VIEW****BACK VIEW**

C#-SH-E-JHP

Serrated Connection Shanks
with Carbide Core and a CAMFIX
Exchangeable Adaptation



M E T R I C

Designation	DCONMS	DCONWS	LPR	LB	CRKS	kg	DCP ⁽¹⁾
C6-SH-D16-5D-E-JHP	63.00	16.00	80.00	58.00	M20	0.93	1
C6-SH-D20-5D-E-JHP	63.00	20.00	100.00	78.00	M20	1.06	1
C6-SH-D25-5D-E-JHP	63.00	25.00	115.00	93.00	M20	1.29	1
C6-SH-D32-5D-E-JHP	63.00	32.00	150.00	128.00	M20	0.00	1
C6-SH-D40-5D-E-JHP	63.00	40.00	185.00	163.00	M20	2.68	1

• Suitable for MULTI-TASKING machines only

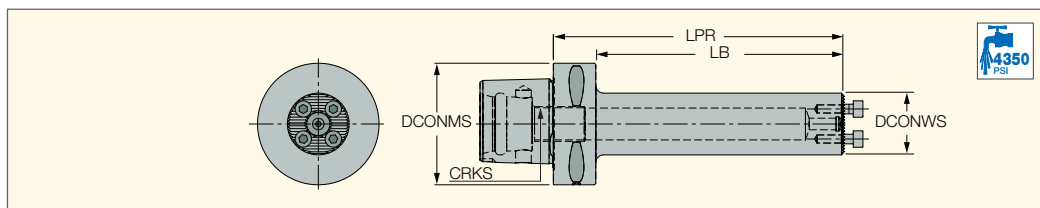
⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation		
C6-SH-D16-5D-E-JHP	HW 2.5	SR M3X10DIN912
C6-SH-D20-5D-E-JHP	HW 2.5	SR M3.5XL10-D5.5

C#-SH-E-JHP

Serrated Connection Shanks
with Carbide Core and a CAMFIX
Exchangeable Adaptation



I N C H

Designation	DCONMS	DCONWS	LPR	LB	CRKS	Lbs	DCP ⁽¹⁾
C6-SH-D16-5D-E-JHP	2.480	.6300	3.150	2.283	M20	2.06	1
C6-SH-D20-5D-E-JHP	2.480	.7870	3.937	3.071	M20	2.33	1
C6-SH-D25-5D-E-JHP	2.480	.9840	4.528	3.661	M20	2.85	1
C6-SH-D32-5D-E-JHP	2.480	1.2600	5.906	5.039	M20	0	1
C6-SH-D40-5D-E-JHP	2.480	1.5750	7.283	6.417	M20	5.91	1

• Suitable for MULTI-TASKING machines only

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

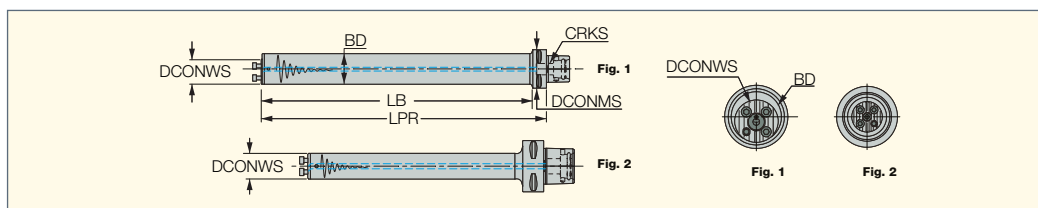
Designation		
C6-SH-D16-5D-E-JHP	HW 2.5	SR M3X10DIN912
C6-SH-D20-5D-E-JHP	HW 2.5	SR M3.5XL10-D5.5

WHISPERLINE

CAMFIX

C#-AV-C

Integral Anti-Vibration Holder
with CAMFIX Connection
with Through Tool Coolant
for Interchangeable Heads



M E T R I C										
Designation	DCONMS	DCONWS	BD	LPR	LB	CRKS	CP ⁽¹⁾	Fig.	Kg	DCP ⁽²⁾
C3 AV-D16-L66-C	32.00	16.00	16.00	82.30	66.00	M12	30	2	0.25	0
C3 AV-D20-L85-C	32.00	20.00	20.00	101.30	85.00	M12	30	2	0.39	0
C3 AV-D25-L110-C	32.00	25.00	25.00	125.50	110.00	M12	40	2	0.60	0
C3 AV-D25-L165-C	32.00	25.00	25.00	180.50	165.00	M12	40	2	0.80	0
C3 AV-D32-L133-C	32.00	32.00	32.00	133.50	-	M12	50	2	1.00	0
C3 AV-D32-L224-C	32.00	32.00	32.00	224.50	-	M12	50	2	1.80	0
C4 AV-D16-L67-C	40.00	16.00	16.00	88.30	67.00	M14	30	2	0.40	0
C4 AV-D20-L86-C	40.00	20.00	20.00	107.30	86.00	M14	30	2	0.54	0
C4 AV-D25-L112-C	40.00	25.00	25.00	132.50	112.00	M14	40	2	0.80	0
C4 AV-D25-L160-C	40.00	25.00	25.00	180.50	160.00	M14	40	2	0.96	0
C4 AV-D32-L134-C	40.00	32.00	32.00	154.50	134.00	M14	50	2	1.29	0
C4 AV-D32-L204-C	40.00	32.00	32.00	224.50	204.00	M14	50	2	2.08	0
C4 AV-D40-L173-C	40.00	40.00	40.00	173.50	-	M14	70	2	1.75	0
C4 AV-D40-L288-C	40.00	40.00	40.00	288.50	-	M14	70	2	3.42	0
C5 AV-D16-L64-C	50.00	16.00	16.00	85.30	64.00	M16	30	2	0.63	0
C5 AV-D20-L88-C	50.00	20.00	20.00	109.30	88.00	M16	30	2	0.74	0
C5 AV-D25-L113-C	50.00	25.00	25.00	133.50	113.00	M16	40	2	1.00	0
C5 AV-D25-L160-C	50.00	25.00	25.00	180.50	160.00	M16	40	2	1.20	0
C5 AV-D25-L210-C	50.00	25.00	25.00	230.50	210.00	M16	40	2	1.40	0
C5 AV-D32-L134-C	50.00	32.00	32.00	154.50	134.00	M16	50	2	1.40	0
C5 AV-D32-L204-C	50.00	32.00	32.00	224.50	204.00	M16	50	2	1.90	0
C5 AV-D32-L268-C	50.00	32.00	32.00	288.50	268.00	M16	50	2	2.40	0
C5 AV-D40-L174-C	50.00	40.00	40.00	194.50	174.00	M16	70	2	2.24	0
C5 AV-D40-L268-C	50.00	40.00	40.00	288.50	268.00	M16	70	2	3.40	0
C5 AV-D40-L348-C	50.00	40.00	40.00	368.50	348.00	M16	70	2	4.20	0
C5 AV-D50-L223-L-C	50.00	40.00	50.00	223.00	-	M16	70	1	3.60	0
C5 AV-D50-L223-R-C	50.00	40.00	50.00	223.00	-	M16	70	1	3.60	0
C5 AV-D50-L368-L-C	50.00	40.00	50.00	368.50	-	M16	70	1	5.50	0
C5 AV-D50-L368-R-C	50.00	40.00	50.00	368.50	-	M16	70	1	5.50	0
C5 AV-D50-L468-L-C	50.00	40.00	50.00	468.50	-	M16	70	1	10.79	0
C5 AV-D50-L468-R-C	50.00	40.00	50.00	468.50	-	M16	70	1	10.79	0
C6 AV-D16-L62-C	63.00	16.00	16.00	88.00	62.00	M20	30	2	1.01	0
C6 AV-D20-L83-C	63.00	20.00	20.00	108.00	83.00	M20	30	2	1.00	0
C6 AV-D25-L108-C	63.00	25.00	25.00	133.50	113.00	M20	40	2	1.35	0
C6 AV-D25-L158-C	63.00	25.00	25.00	180.50	158.00	M20	40	2	1.50	0
C6 AV-D25-L208-C	63.00	25.00	25.00	230.50	208.00	M20	40	2	1.70	0
C6 AV-D32-L137-C	63.00	32.00	32.00	159.50	137.00	M20	50	2	1.80	0
C6 AV-D32-L202-C	63.00	32.00	32.00	224.50	202.00	M20	50	2	2.20	0
C6 AV-D32-L264-C	63.00	32.00	32.00	288.50	266.00	M20	50	2	2.70	0
C6 AV-D40-L176-C	63.00	40.00	40.00	198.50	176.00	M20	70	2	2.60	0
C6 AV-D40-L266-C	63.00	40.00	40.00	288.50	266.00	M20	70	2	3.60	0
C6 AV-D40-L346-C	63.00	40.00	40.00	368.50	346.00	M20	70	2	4.20	0
C6 AV-D50-L225-L-C	63.00	40.00	50.00	247.50	225.00	M20	70	1	4.20	0
C6 AV-D50-L225-R-C	63.00	40.00	50.00	247.50	225.00	M20	70	1	4.20	0
C6 AV-D50-L346-L-C	63.00	40.00	50.00	368.00	346.00	M20	70	1	5.80	0
C6 AV-D50-L346-R-C	63.00	40.00	50.00	368.00	346.00	M20	70	1	5.80	0
C6 AV-D50-L446-L-C	63.00	40.00	50.00	468.00	446.00	M20	70	1	7.40	0
C6 AV-D50-L446-R-C	63.00	40.00	50.00	468.00	446.00	M20	70	1	7.40	0
C6 AV-D60-L273-L-C	63.00	40.00	60.00	295.50	273.00	M20	70	1	6.80	0
C6 AV-D60-L273-R-C	63.00	40.00	60.00	295.50	273.00	M20	70	1	6.80	0
C6 AV-D60-L426-L-C	63.00	40.00	60.00	448.00	426.00	M20	70	1	11.80	0
C6 AV-D60-L426-R-C	63.00	40.00	60.00	448.00	426.00	M20	70	1	11.80	0
C6 AV-D60-L546-L-C	63.00	40.00	60.00	568.00	546.00	M20	70	1	12.20	0
C6 AV-D60-L546-R-C	63.00	40.00	60.00	568.00	546.00	M20	70	1	12.20	0
C8 AV-D25-L113-C	80.00	25.00	25.00	147.50	113.00	M20	40	2	2.30	0
C8 AV-D32-L139-C	80.00	32.00	32.00	172.50	139.00	M20	50	2	2.80	0
C8 AV-D32-L190-C	80.00	32.00	32.00	224.00	190.00	M20	50	2	3.62	0
C8 AV-D40-L191-C	80.00	40.00	40.00	224.00	191.00	M20	70	2	3.70	0
C8 AV-D40-L255-C	80.00	40.00	40.00	288.00	255.00	M20	70	2	4.40	0
C8 AV-D40-L335-C	80.00	40.00	40.00	368.00	335.00	M20	70	2	5.40	0

(1) Coolant pressure (Bar)

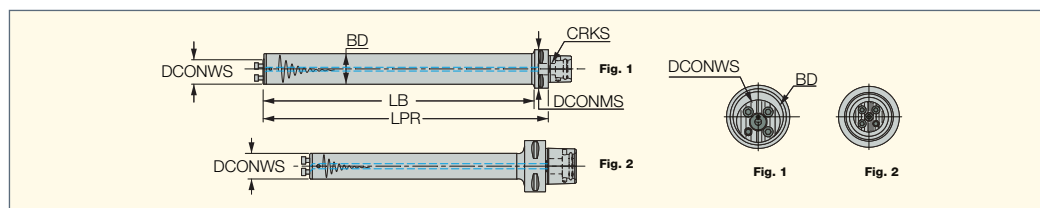
(2) 1 - Slot for data chip, 0 - Without slot for data chip

WHISPERLINE

CAMFIX

C#-AV-C

Integral Anti-Vibration Holder with CAMFIX Connection with Through Tool Coolant for Interchangeable Heads



	M E T R I C									
Designation	DCONMS	DCONWS	BD	LPR	LB	CRKS	CP ⁽¹⁾	Fig.	Kg	DCP ⁽²⁾
C8 AV-D50-L267-L-C	80.00	40.00	50.00	297.00	267.00	M20	70	1	5.80	0
C8 AV-D50-L267-R-C	80.00	40.00	50.00	297.00	267.00	M20	70	1	5.80	0
C8 AV-D50-L338-L-C	80.00	40.00	50.00	368.00	338.00	M20	70	1	6.60	0
C8 AV-D50-L338-R-C	80.00	40.00	50.00	368.00	338.00	M20	70	1	6.60	0
C8 AV-D50-L438-L-C	80.00	40.00	50.00	468.00	438.00	M20	70	1	8.30	0
C8 AV-D50-L438-R-C	80.00	40.00	50.00	468.00	438.00	M20	70	1	8.30	0
C8 AV-D60-L325-L-C	80.00	40.00	60.00	355.00	325.00	M20	70	1	8.90	0
C8 AV-D60-L325-R-C	80.00	40.00	60.00	355.00	325.00	M20	70	1	8.90	0
C8 AV-D60-L418-L-C	80.00	40.00	60.00	448.00	418.00	M20	70	1	8.90	0
C8 AV-D60-L418-R-C	80.00	40.00	60.00	448.00	418.00	M20	70	1	8.90	0
C8 AV-D60-L538-L-C	80.00	40.00	60.00	568.00	538.00	M20	70	1	13.00	0
C8 AV-D60-L538-R-C	80.00	40.00	60.00	568.00	538.00	M20	70	1	13.00	0

⁽¹⁾ Coolant pressure (Bar)

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

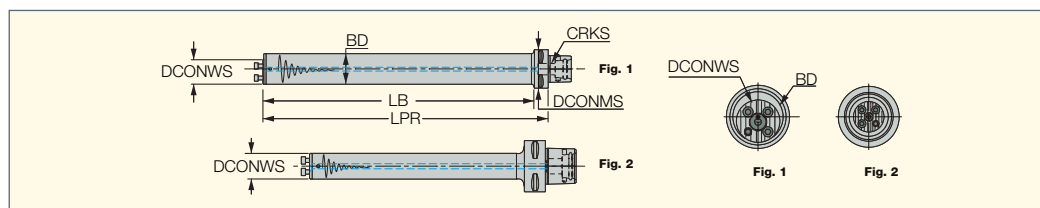
Designation	
C3 AV-D16-L66-C	SR M3X10DIN912
C3 AV-D20-L85-C	SR M3.5XL10-D5.5
C3 AV-D25-L110-C	SR M4X12DIN912
C3 AV-D25-L165-C	SR M4X12DIN912
C3 AV-D32-L133-C	SR M5X12 DIN912
C3 AV-D32-L224-C	SR M5X12 DIN912
C4 AV-D16-L67-C	SR M3X10DIN912
C4 AV-D20-L86-C	SR M3.5XL10-D5.5
C4 AV-D25-L112-C	SR M4X12DIN912
C4 AV-D25-L160-C	SR M4X12DIN912
C4 AV-D32-L134-C	SR M5X12 DIN912
C4 AV-D32-L204-C	SR M5X12 DIN912
C4 AV-D40-L173-C	SR M6X16 DIN912
C4 AV-D40-L288-C	SR M6X16 DIN912
C5 AV-D16-L64-C	SR M3X10DIN912
C5 AV-D20-L88-C	SR M3.5XL10-D5.5
C5 AV-D25-L113-C	SR M4X12DIN912
C5 AV-D25-L160-C	SR M4X12DIN912
C5 AV-D25-L210-C	SR M4X12DIN912
C5 AV-D32-L134-C	SR M5X12 DIN912
C5 AV-D32-L204-C	SR M5X12 DIN912
C5 AV-D32-L268-C	SR M5X12 DIN912
C5 AV-D40-L174-C	SR M6X16 DIN912
C5 AV-D40-L268-C	SR M6X16 DIN912
C5 AV-D40-L348-C	SR M6X16 DIN912
C5 AV-D50-L223-L-C	SR M6X16 DIN912
C5 AV-D50-L223-R-C	SR M6X16 DIN912
C5 AV-D50-L368-L-C	SR M6X16 DIN912
C5 AV-D50-L368-R-C	SR M6X16 DIN912
C5 AV-D50-L468-L-C	SR M6X16 DIN912
C5 AV-D50-L468-R-C	SR M6X16 DIN912
C6 AV-D16-L62-C	SR M3X10DIN912
C6 AV-D20-L83-C	SR M3.5XL10-D5.5
C6 AV-D25-L108-C	SR M4X12DIN912

Spare Parts

C6 AV-D25-L158-C	SR M4X12DIN912
C6 AV-D25-L208-C	SR M4X12DIN912
C6 AV-D32-L137-C	SR M5X12 DIN912
C6 AV-D32-L202-C	SR M5X12 DIN912
C6 AV-D32-L264-C	SR M5X12 DIN912
C6 AV-D40-L176-C	SR M6X16 DIN912
C6 AV-D40-L266-C	SR M6X16 DIN912
C6 AV-D40-L346-C	SR M6X16 DIN912
C6 AV-D50-L225-L-C	SR M6X16 DIN912
C6 AV-D50-L225-R-C	SR M6X16 DIN912
C6 AV-D50-L346-L-C	SR M6X16 DIN912
C6 AV-D50-L346-R-C	SR M6X16 DIN912
C6 AV-D60-L273-L-C	SR M6X16 DIN912
C6 AV-D60-L273-R-C	SR M6X16 DIN912
C6 AV-D60-L426-L-C	SR M6X16 DIN912
C6 AV-D60-L426-R-C	SR M6X16 DIN912
C6 AV-D60-L546-L-C	SR M6X16 DIN912
C6 AV-D60-L546-R-C	SR M6X16 DIN912
C8 AV-D25-L113-C	SR M4X12DIN912
C8 AV-D32-L139-C	SR M5X12 DIN912
C8 AV-D32-L190-C	SR M5X12 DIN912
C8 AV-D40-L191-C	SR M6X16 DIN912
C8 AV-D40-L255-C	SR M6X16 DIN912
C8 AV-D40-L335-C	SR M6X16 DIN912
C8 AV-D50-L267-L-C	SR M6X16 DIN912
C8 AV-D50-L267-R-C	SR M6X16 DIN912
C8 AV-D50-L338-L-C	SR M6X16 DIN912
C8 AV-D50-L338-R-C	SR M6X16 DIN912
C8 AV-D50-L438-L-C	SR M6X16 DIN912
C8 AV-D50-L438-R-C	SR M6X16 DIN912
C8 AV-D60-L325-L-C	SR M6X16 DIN912
C8 AV-D60-L325-R-C	SR M6X16 DIN912
C8 AV-D60-L418-L-C	SR M6X16 DIN912
C8 AV-D60-L418-R-C	SR M6X16 DIN912
C8 AV-D60-L538-L-C	SR M6X16 DIN912
C8 AV-D60-L538-R-C	SR M6X16 DIN912

WHISPERLINE**CAMFIX****C#-AV-C**

Integral Anti-Vibration Holder
with CAMFIX Connection
with Through Tool Coolant
for Interchangeable Heads

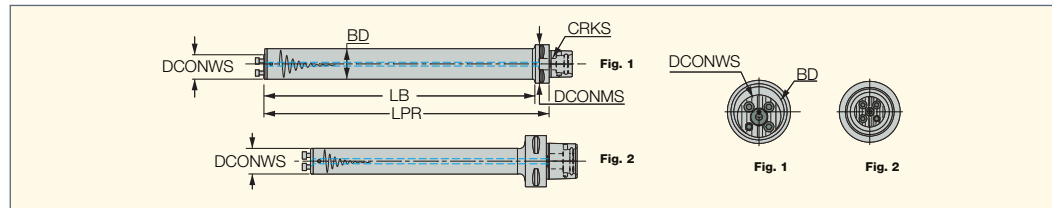


	I N C H									
Designation	DCONMS	DCONWS	BD	LPR	LB	CRKS	CP ⁽¹⁾	Fig.	Lbs	DCP ⁽²⁾
C3 AV-D16-L66-C	1.260	.6299	.6299	3.240	2.598	M12	435	2	.55	0
C3 AV-D20-L85-C	1.260	.7874	.7874	3.988	3.346	M12	435	2	.86	0
C3 AV-D25-L110-C	1.260	.9842	.9842	4.941	4.331	M12	580	2	1.32	0
C3 AV-D25-L165-C	1.260	.9842	.9842	7.106	6.496	M12	580	2	1.76	0
C3 AV-D32-L133-C	1.260	1.2598	1.2598	5.256	-	M12	725	2	2.21	0
C3 AV-D32-L224-C	1.260	1.2598	1.2598	8.839	-	M12	725	2	3.97	0
C4 AV-D16-L67-C	1.575	.6299	.6299	3.476	2.638	M14	435	2	.88	0
C4 AV-D20-L86-C	1.575	.7874	.7874	4.224	3.386	M14	435	2	1.19	0
C4 AV-D25-L112-C	1.575	.9842	.9842	5.217	4.409	M14	580	2	1.76	0
C4 AV-D25-L160-C	1.575	.9842	.9842	7.106	6.299	M14	580	2	2.12	0
C4 AV-D32-L134-C	1.575	1.2598	1.2598	6.083	5.276	M14	725	2	2.84	0
C4 AV-D32-L204-C	1.575	1.2598	1.2598	8.839	8.031	M14	725	2	4.59	0
C4 AV-D40-L173-C	1.575	1.5748	1.5748	6.831	-	M14	1000	2	3.86	0
C4 AV-D40-L288-C	1.575	1.5748	1.5748	11.358	-	M14	1000	2	7.54	0
C5 AV-D16-L64-C	1.968	.6299	.6299	3.358	2.520	M16	435	2	1.39	0
C5 AV-D20-L88-C	1.968	.7874	.7874	4.303	3.465	M16	435	2	1.63	0
C5 AV-D25-L113-C	1.968	.9842	.9842	5.256	4.449	M16	580	2	2.21	0
C5 AV-D25-L160-C	1.968	.9842	.9842	7.106	6.299	M16	580	2	2.65	0
C5 AV-D25-L210-C	1.968	.9842	.9842	9.075	8.268	M16	580	2	3.09	0
C5 AV-D32-L134-C	1.968	1.2598	1.2598	6.083	5.276	M16	725	2	3.09	0
C5 AV-D32-L204-C	1.968	1.2598	1.2598	8.839	8.031	M16	725	2	4.19	0
C5 AV-D32-L268-C	1.968	1.2598	1.2598	11.358	10.551	M16	725	2	5.29	0
C5 AV-D40-L174-C	1.968	1.5748	1.5748	7.657	6.850	M16	1000	2	4.94	0
C5 AV-D40-L268-C	1.968	1.5748	1.5748	11.358	10.551	M16	1000	2	7.50	0
C5 AV-D40-L348-C	1.968	1.5748	1.5748	14.508	13.701	M16	1000	2	9.26	0
C5 AV-D50-L223-L-C	1.968	1.5748	1.9685	8.780	-	M16	1000	2	7.94	0
C5 AV-D50-L223-R-C	1.968	1.5748	1.9685	8.780	-	M16	1000	2	7.94	0
C5 AV-D50-L368-L-C	1.968	1.5748	1.9685	14.508	-	M16	1000	2	12.13	0
C5 AV-D50-L368-R-C	1.968	1.5748	1.9685	14.508	-	M16	1000	2	12.13	0
C5 AV-D50-L468-L-C	1.968	1.5748	1.9685	18.445	-	M16	1000	2	23.79	0
C5 AV-D50-L468-R-C	1.968	1.5748	1.9685	18.445	-	M16	1000	2	23.79	0
C6 AV-D16-L62-C	2.480	.6299	.6299	3.465	2.441	M20	435	2	2.23	0
C6 AV-D20-L83-C	2.480	.7874	.7874	4.252	3.268	M20	435	2	2.21	0
C6 AV-D25-L108-C	2.480	.9842	.9842	5.256	4.449	M20	580	2	2.98	0
C6 AV-D25-L158-C	2.480	.9842	.9842	7.106	6.220	M20	580	2	3.31	0
C6 AV-D25-L208-C	2.480	.9842	.9842	9.075	8.189	M20	580	2	3.75	0
C6 AV-D32-L137-C	2.480	1.2598	1.2598	6.280	5.394	M20	725	2	3.97	0
C6 AV-D32-L202-C	2.480	1.2598	1.2598	8.839	7.953	M20	725	2	4.85	0
C6 AV-D32-L264-C	2.480	1.2598	1.2598	11.358	10.472	M20	725	2	5.95	0
C6 AV-D40-L176-C	2.480	1.5748	1.5748	7.815	6.929	M20	1000	2	5.73	0
C6 AV-D40-L266-C	2.480	1.5748	1.5748	11.358	10.472	M20	1000	2	7.94	0
C6 AV-D40-L346-C	2.480	1.5748	1.5748	14.508	13.622	M20	1000	2	9.26	0
C6 AV-D50-L225-L-C	2.480	1.5748	1.9685	9.744	8.858	M20	1000	2	9.26	0
C6 AV-D50-L225-R-C	2.480	1.5748	1.9685	9.744	8.858	M20	1000	2	9.26	0
C6 AV-D50-L346-L-C	2.480	1.5748	1.9685	14.488	13.622	M20	1000	2	12.79	0
C6 AV-D50-L346-R-C	2.480	1.5748	1.9685	14.488	13.622	M20	1000	2	12.79	0
C6 AV-D50-L446-L-C	2.480	1.5748	1.9685	18.425	17.559	M20	1000	2	16.32	0
C6 AV-D50-L446-R-C	2.480	1.5748	1.9685	18.425	17.559	M20	1000	2	16.32	0
C6 AV-D60-L273-L-C	2.480	1.5748	2.3622	11.634	10.748	M20	1000	2	14.99	0
C6 AV-D60-L273-R-C	2.480	1.5748	2.3622	11.634	10.748	M20	1000	2	14.99	0
C6 AV-D60-L426-L-C	2.480	1.5748	2.3622	17.638	16.772	M20	1000	2	26.02	0
C6 AV-D60-L426-R-C	2.480	1.5748	2.3622	17.638	16.772	M20	1000	2	26.02	0
C6 AV-D60-L546-L-C	2.480	1.5748	2.3622	22.362	21.496	M20	1000	2	26.90	0
C6 AV-D60-L546-R-C	2.480	1.5748	2.3622	22.362	21.496	M20	1000	2	26.90	0
C8 AV-D25-L113-C	3.150	.9842	.9842	5.807	4.449	M20	580	2	5.07	0
C8 AV-D32-L139-C	3.150	1.2598	1.2598	6.791	5.472	M20	725	2	6.17	0
C8 AV-D32-L190-C	3.150	1.2598	1.2598	8.819	7.480	M20	725	2	7.98	0
C8 AV-D40-L191-C	3.150	1.5748	1.5748	8.819	7.520	M20	1000	2	8.16	0
C8 AV-D40-L255-C	3.150	1.5748	1.5748	11.339	10.039	M20	1000	2	9.70	0
C8 AV-D40-L335-C	3.150	1.5748	1.5748	14.488	13.189	M20	1000	2	11.91	0

⁽¹⁾ Coolant pressure (PSI)⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

WHISPERLINE
CAMFIX
C#-AV-C

Integral Anti-Vibration Holder
with CAMFIX Connection
with Through Tool Coolant
for Interchangeable Heads



	I N C H									
Designation	DCONMS	DCONWS	BD	LPR	LB	CRKS	CP ⁽¹⁾	Fig.	Lbs	DCP ⁽²⁾
C8 AV-D50-L267-L-C	3.150	1.5748	1.9685	11.693	10.512	M20	1000	2	12.79	0
C8 AV-D50-L267-R-C	3.150	1.5748	1.9685	11.693	10.512	M20	1000	2	12.79	0
C8 AV-D50-L338-L-C	3.150	1.5748	1.9685	14.488	13.307	M20	1000	2	14.55	0
C8 AV-D50-L338-R-C	3.150	1.5748	1.9685	14.488	13.307	M20	1000	2	14.55	0
C8 AV-D50-L438-L-C	3.150	1.5748	1.9685	18.425	17.244	M20	1000	2	18.30	0
C8 AV-D50-L438-R-C	3.150	1.5748	1.9685	18.425	17.244	M20	1000	2	18.30	0
C8 AV-D60-L325-L-C	3.150	1.5748	2.3622	13.976	12.795	M20	1000	2	19.62	0
C8 AV-D60-L325-R-C	3.150	1.5748	2.3622	13.976	12.795	M20	1000	2	19.62	0
C8 AV-D60-L418-L-C	3.150	1.5748	2.3622	17.638	16.457	M20	1000	2	19.62	0
C8 AV-D60-L418-R-C	3.150	1.5748	2.3622	17.638	16.457	M20	1000	2	19.62	0
C8 AV-D60-L538-L-C	3.150	1.5748	2.3622	22.362	21.181	M20	1000	2	28.66	0
C8 AV-D60-L538-R-C	3.150	1.5748	2.3622	22.362	21.181	M20	1000	2	28.66	0

⁽¹⁾ Coolant pressure (PSI)

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

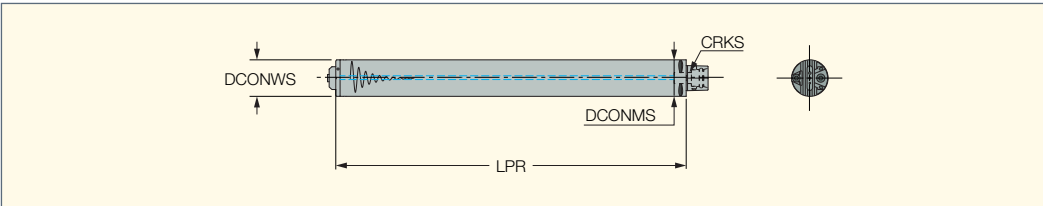
Designation	
C3 AV-D16-L66-C	SR M3X10DIN912
C3 AV-D20-L85-C	SR M3.5XL10-D5.5
C3 AV-D25-L110-C	SR M4X12DIN912
C3 AV-D25-L165-C	SR M4X12DIN912
C3 AV-D32-L133-C	SR M5X12 DIN912
C3 AV-D32-L224-C	SR M5X12 DIN912
C4 AV-D16-L67-C	SR M3X10DIN912
C4 AV-D20-L86-C	SR M3.5XL10-D5.5
C4 AV-D25-L112-C	SR M4X12DIN912
C4 AV-D25-L160-C	SR M4X12DIN912
C4 AV-D32-L134-C	SR M5X12 DIN912
C4 AV-D32-L204-C	SR M5X12 DIN912
C4 AV-D40-L173-C	SR M6X16 DIN912
C4 AV-D40-L288-C	SR M6X16 DIN912
C5 AV-D16-L64-C	SR M3X10DIN912
C5 AV-D20-L88-C	SR M3.5XL10-D5.5
C5 AV-D25-L113-C	SR M4X12DIN912
C5 AV-D25-L160-C	SR M4X12DIN912
C5 AV-D25-L210-C	SR M4X12DIN912
C5 AV-D32-L134-C	SR M5X12 DIN912
C5 AV-D32-L204-C	SR M5X12 DIN912
C5 AV-D32-L268-C	SR M5X12 DIN912
C5 AV-D40-L174-C	SR M6X16 DIN912
C5 AV-D40-L268-C	SR M6X16 DIN912
C5 AV-D40-L348-C	SR M6X16 DIN912
C5 AV-D50-L223-L-C	SR M6X16 DIN912
C5 AV-D50-L223-R-C	SR M6X16 DIN912
C5 AV-D50-L368-L-C	SR M6X16 DIN912
C5 AV-D50-L368-R-C	SR M6X16 DIN912
C5 AV-D50-L468-L-C	SR M6X16 DIN912
C5 AV-D50-L468-R-C	SR M6X16 DIN912
C6 AV-D16-L62-C	SR M3X10DIN912
C6 AV-D20-L83-C	SR M3.5XL10-D5.5
C6 AV-D25-L108-C	SR M4X12DIN912

Spare Parts

C6 AV-D25-L158-C	SR M4X12DIN912
C6 AV-D25-L208-C	SR M4X12DIN912
C6 AV-D32-L137-C	SR M5X12 DIN912
C6 AV-D32-L202-C	SR M5X12 DIN912
C6 AV-D32-L264-C	SR M5X12 DIN912
C6 AV-D40-L176-C	SR M6X16 DIN912
C6 AV-D40-L266-C	SR M6X16 DIN912
C6 AV-D40-L346-C	SR M6X16 DIN912
C6 AV-D50-L225-L-C	SR M6X16 DIN912
C6 AV-D50-L225-R-C	SR M6X16 DIN912
C6 AV-D50-L346-L-C	SR M6X16 DIN912
C6 AV-D50-L346-R-C	SR M6X16 DIN912
C6 AV-D60-L273-L-C	SR M6X16 DIN912
C6 AV-D60-L273-R-C	SR M6X16 DIN912
C6 AV-D60-L426-L-C	SR M6X16 DIN912
C6 AV-D60-L426-R-C	SR M6X16 DIN912
C6 AV-D60-L546-L-C	SR M6X16 DIN912
C6 AV-D60-L546-R-C	SR M6X16 DIN912
C8 AV-D25-L113-C	SR M4X12DIN912
C8 AV-D32-L139-C	SR M5X12 DIN912
C8 AV-D32-L190-C	SR M5X12 DIN912
C8 AV-D40-L191-C	SR M6X16 DIN912
C8 AV-D40-L255-C	SR M6X16 DIN912
C8 AV-D40-L335-C	SR M6X16 DIN912
C8 AV-D50-L267-L-C	SR M6X16 DIN912
C8 AV-D50-L267-R-C	SR M6X16 DIN912
C8 AV-D50-L338-L-C	SR M6X16 DIN912
C8 AV-D50-L338-R-C	SR M6X16 DIN912
C8 AV-D50-L438-L-C	SR M6X16 DIN912
C8 AV-D50-L438-R-C	SR M6X16 DIN912
C8 AV-D60-L325-L-C	SR M6X16 DIN912
C8 AV-D60-L325-R-C	SR M6X16 DIN912
C8 AV-D60-L418-L-C	SR M6X16 DIN912
C8 AV-D60-L418-R-C	SR M6X16 DIN912
C8 AV-D60-L538-L-C	SR M6X16 DIN912
C8 AV-D60-L538-R-C	SR M6X16 DIN912

WHISPERLINE

C#-AV-C-VH
Integral Anti-Vibration Holder
with CAMFIX Connection
with Through Tool Coolant
for Interchangeable Heads



M E T R I C						
Designation	DCONMS	DCONWS	LPR	CRKS		DCP ⁽¹⁾
C8 AV-D80-L365-C-VH	80.00	80.00	365.00	M20	15.40	0
C8 AV-D80-L608-C-VH	80.00	80.00	608.00	M20	23.20	0
C8 AV-D80-L768-C-VH	80.00	80.00	768.00	M20	28.30	0

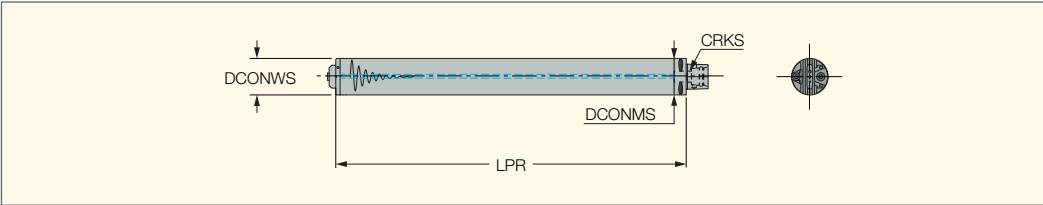
⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation					
C#-AV-C-VH	PB20 M10X11 CLAMP	PB20 M10X16 CLAMP	SR50 M5X6	SR55 M3X6	PIN FT77 D5X10

WHISPERLINE

C#-AV-C-VH
Integral Anti-Vibration Holder
with CAMFIX Connection
with Through Tool Coolant
for Interchangeable Heads



I N C H						
Designation	DCONMS	DCONWS	LPR	CRKS	 Lbs	DCP ⁽¹⁾
C8 AV-D80-L365-C-VH	3.150	3.1496	14.370	M20	33.96	0
C8 AV-D80-L608-C-VH	3.150	3.1496	23.937	M20	51.16	0
C8 AV-D80-L768-C-VH	3.150	3.1496	30.236	M20	62.40	0

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

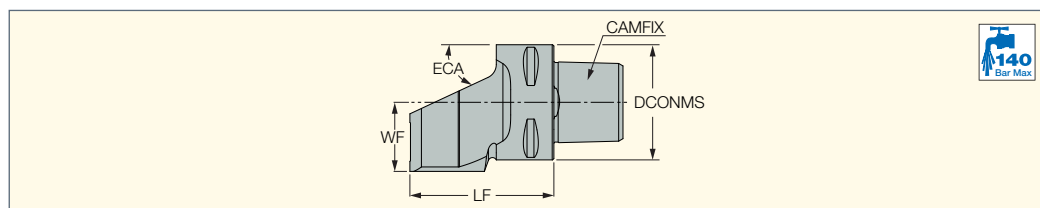
Spare Parts

Designation					
C#-AV-C-VH	PB20 M10X11 CLAMP	PB20 M10X16 CLAMP	SR50 M5X6	SR55 M3X6	PIN FT77 D5X10

NEOSWISS

C#-NQCH-JHP

JETCUT CAMFIX Holders for
NEOSWISS Modular Heads



M E T R I C

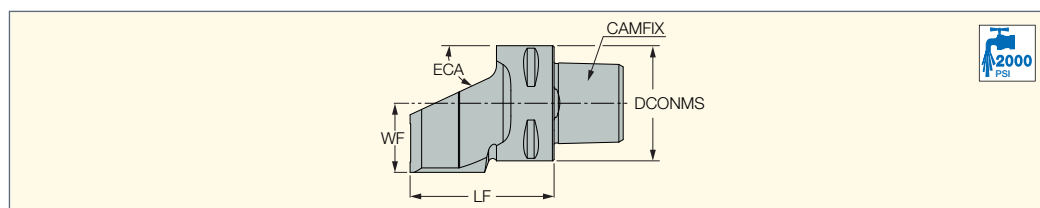
Designation	DCONMS	LF	WF	ECA				
C3 NQCHR16	32.00	50.00	20.00	25.0	NQCH12-16 LOCK SCREW	BLD IP20/S7	SW6-T-SH	SR M3X3 DIN913 TL360
C4 NQCHR16	40.00	50.00	24.00	25.0	NQCH12-16 LOCK SCREW	BLD IP20/S7	SW6-T-SH	SR M3X3 DIN913 TL360
C5 NQCHR16	50.00	50.00	29.00	25.0	NQCH12-16 LOCK SCREW	BLD IP20/S7	SW6-T-SH	SR M3X3 DIN913 TL360

- Recommended torque for clamping screw 7-8 N*m
- Replacing the clamping screw should be performed by an ISCAR qualified technician

NEOSWISS

C#-NQCH-JHP

JETCUT CAMFIX Holders for
NEOSWISS Modular Heads



I N C H

Designation	DCONMS	LF	WF	ECA				
C3 NQCHR16	1.260	1.968	.787	25.0	NQCH12-16 LOCK SCREW	BLD IP20/S7	SW6-T-SH	SR M3X3 DIN913 TL360
C4 NQCHR16	1.575	1.968	.945	25.0	NQCH12-16 LOCK SCREW	BLD IP20/S7	SW6-T-SH	SR M3X3 DIN913 TL360
C5 NQCHR16	1.968	1.968	1.142	25.0	NQCH12-16 LOCK SCREW	BLD IP20/S7	SW6-T-SH	SR M3X3 DIN913 TL360

- Recommended torque for clamping screw 62-70 lbf*in
- Replacing the clamping screw should be performed by an ISCAR qualified technician



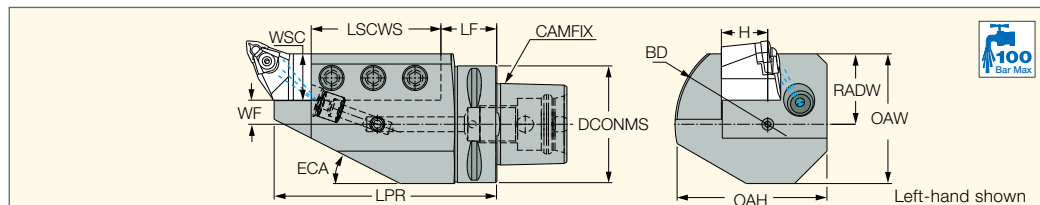
FRONT VIEW



BACK VIEW

CAMFIX**C#-ASHR/L**

Holders with CAMFIX
Exchangeable Shanks for
External Square Shank Tools



M E T R I C													
Designation	DCONMS	H	WSC	WF	LPR	LSCWS	LF	OAH	RADW	OAW	ECA	BD	DCP ⁽²⁾
C4 ASHR/L 16-1	40.00	16.0	16.0	7.00	104.00	70.00	34.00	50.00	23.0	43.50	30.0	60.00	1
C5 ASHR/L 20-1	50.00	20.0	20.0	10.00	98.00	63.50	24.50	78.00	30.0	59.00	30.0	90.00	1
C6 ASHR/L 20-1	63.00	20.0	20.0	10.00	100.00	63.50	26.50	78.00	30.0	59.00	30.0	90.00	1
C6 ASHR/L 25-1	63.00	25.0	25.0	13.00	120.00	70.00	30.00	82.00	38.0	70.00	27.0	100.00	1
C6 ASHR 25 1-J ⁽¹⁾	63.00	25.0	25.0	4.50	120.00	82.00	38.00	86.50	29.5	61.00	4.1	90.00	1
C8 ASHR/L 32-1	80.00	32.0	32.0	8.00	140.00	90.00	40.00	87.00	40.0	80.00	27.0	110.00	1

⁽¹⁾ Recommended for Mazak INTEGREX! No interference problem on machine magazine

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

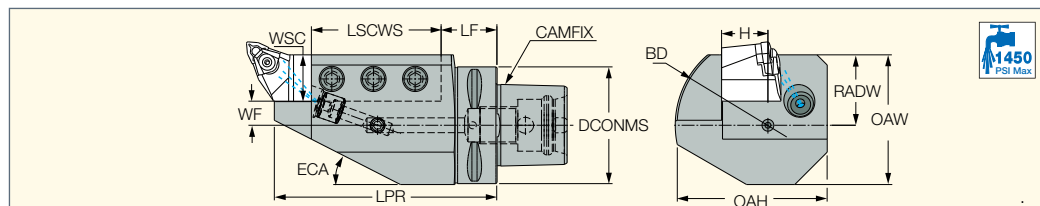
Spare Parts

Designation						
C4 ASHR/L 16-1	SR M8X16 DIN915	HW 5.0*	SATZ-M10X1-M5	COOLING TUBE C4*	WRENCH NOZZLE HP M10*	WRENCH COOL TUBE C4*
C5 ASHR/L 20-1	SR M10X25 DIN915	HW 5.0*	SATZ-M10X1-M5	COOLING TUBE C5*	WRENCH NOZZLE HP M10*	WRENCH COOL TUBE C5*
C6 ASHR 20-1	SR M10X25 DIN915	HW 5.0*	SATZ-M10X1-M5	COOLING TUBE C6*	WRENCH NOZZLE HP M10*	WRENCH COOL TUBE C6*
C6 ASHR/L 25-1	SR M12X30 DIN915	HW 6.0*	SATZ-M12X1-M6	COOLING TUBE C6*	WRENCH NOZZLE HP M12*	WRENCH COOL TUBE C6*
C8 ASHR/L 32-1	SR M12X30 DIN915	HW 6.0*	SATZ-M12X1-M6	COOLING TUBE C8*	WRENCH NOZZLE HP M12*	WRENCH COOL TUBE C8*

* Optional, to be ordered separately

CAMFIX**C#-ASHR/L**

Holders with CAMFIX
Exchangeable Shanks for
External Square Shank Tools



I N C H													
Designation	DCONMS	LPR	LSCWS	LF	WF	H	WSC	OAH	RADW	OAW	ECA	BD	DCP ⁽¹⁾
C6 ASHR/L 3/4X1	2.480	3.937	2.500	1.040	.431	.750	.750	3.070	1.181	2.323	30.0	3.543	1
C6 ASHR/L 1X1	2.480	4.724	2.756	1.181	.496	1.000	1.000	3.230	1.496	2.756	27.0	3.937	1
C8 ASHR 1 1/4 1	3.150	5.512	3.740	1.378	.325	1.250	1.250	3.430	1.575	3.150	27.0	4.331	1

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

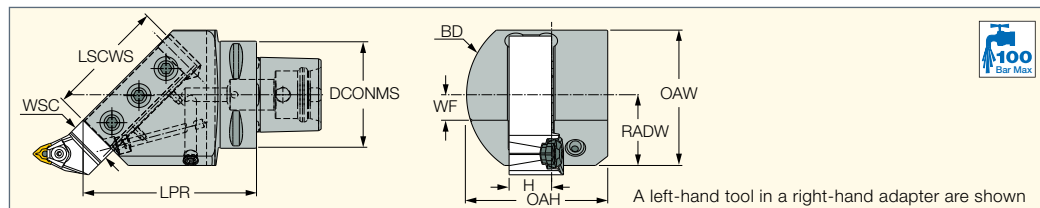
Designation				
C6 ASHR/L 3/4X1	SATZ-M12X1-M6	COOLING TUBE C6*	WRENCH COOL TUBE C6*	
C6 ASHR/L 1X1	SATZ-M12X1-M6	COOLING TUBE C6*	WRENCH COOL TUBE C6*	HSSS 1/2-20X1.25 1/2DOG P
C8 ASHR 1 1/4 1	SATZ-M12X1-M6	COOLING TUBE C8*	WRENCH COOL TUBE C8*	HSSS 1/2-20X1.25 1/2DOG P

* Optional, to be ordered separately

CAMFIX

C#-ASHR/L-45

Holders with CAMFIX
Exchangeable Shanks Carrying
Square Shank Tools for 45°
Mounting on Turn-Mill Machines



M E T R I C											
Designation	DCONMS	H	WSC	WF	LPR	LSCWS	OAH	RADW	OAW	BD	DCP ⁽¹⁾
C5 ASHR/L 20-45	50.00	20.0	20.0	15.00	96.30	-	62.00	36.0	67.50	72.00	1
C6 ASHR/L 20-45	63.00	20.0	20.0	15.00	98.30	-	62.00	36.0	67.50	72.00	1
C6 ASHR/L 25-45	63.00	25.0	25.0	15.00	102.00	70.00	83.00	41.6	79.60	100.00	1
C8 ASHR/L 32-45	80.00	32.0	32.0	17.00	140.00	100.00	110.00	50.0	110.00	140.00	1

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

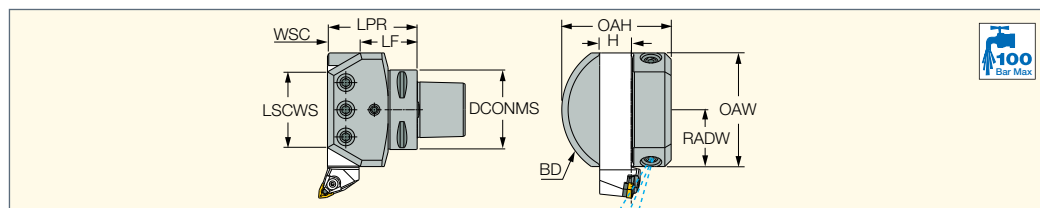
Designation						
C5 ASHR/L 20-45	SR M10X25 DIN915	HW 5.0*	SATZ-M10X1-M5	WRENCH NOZZLE HP M10*	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C6 ASHR/L 20-45	SR M10X25 DIN915	HW 5.0*	SATZ-M10X1-M5	WRENCH NOZZLE HP M10*	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 ASHR/L 25-45	SR M12X30 DIN915	HW 6.0*	SATZ-M10X1-M5	WRENCH NOZZLE HP M10*	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C8 ASHR/L 32-45	SR M12X30 DIN915	HW 6.0*	SATZ-M12X1-M6	WRENCH NOZZLE HP M12*	COOLING TUBE C8*	WRENCH COOL TUBE C8*

* Optional, to be ordered separately

CAMFIX

C#-ASHA

Perpendicular Holders with
CAMFIX Shanks for External
Square Shank Tools



M E T R I C											
Designation	DCONMS	H	WSC	LPR	LSCWS	LF	RADW	OAW	OAH	BD	DCP ⁽¹⁾
C5 ASHA 20	50.00	20.0	20.0	58.00	46.00	38.00	38.0	76.00	76.5	90.00	1
C6 ASHA 20	63.00	20.0	20.0	60.00	46.00	40.00	38.0	76.00	76.5	90.00	1
C6 ASHA 25	63.00	25.0	25.0	71.00	61.00	46.00	45.0	90.00	86.6	110.00	1
C8 ASHA 32	80.00	32.0	32.0	85.00	80.00	53.00	55.0	110.00	95.0	142.00	1

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

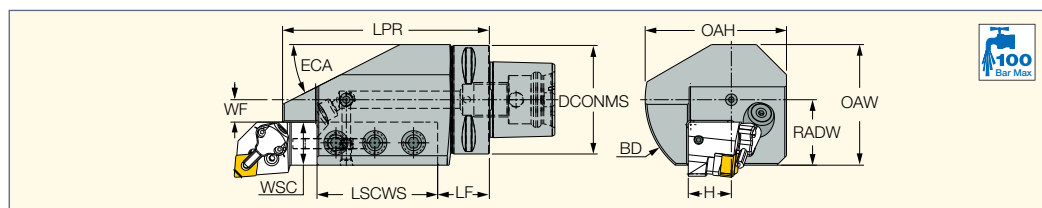
Designation						
C5 ASHA 20	SR M10X25 DIN915	HW 5.0*	SATZ-M10X1-M5	WRENCH NOZZLE HP M10*	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C6 ASHA 20	SR M10X25 DIN915	HW 5.0*	SATZ-M10X1-M5	WRENCH NOZZLE HP M10*	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 ASHA 25	SR M12X30 DIN915	HW 6.0*	SATZ-M12X1-M6	WRENCH NOZZLE HP M12*	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C8 ASHA 32	SR M12X30 DIN915	HW 6.0*	SATZ-M12X1-M6	WRENCH NOZZLE HP M12*	COOLING TUBE C8*	WRENCH COOL TUBE C8*

* Optional, to be ordered separately

CAMFIX

C#-ASHR/L-HPMC

Holders with CAMFIX
Exchangeable Shanks for
External Square Shank Tools with
High-Pressure Multi-Connection



	M E T R I C												
Designation	DCONMS	LPR	LSCWS	LF	WF	H	WSC	OAH	RADW	OAW	BD	ECA	DCP ⁽²⁾
C6 ASHR/L 25-1 HPMC	63.00	120.00	70.00	30.00	13.00	25.0	25.0	82.00	38.00	70.00	100.00	27.0	1
C6 ASHR 25-1-J HPMC ⁽¹⁾	63.00	120.00	82.00	38.00	4.50	25.0	25.0	76.50	29.50	61.00	90.00	4.1	1

⁽¹⁾ Recommended for Mazak INTEGREX! No interference problem on machine magazine

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

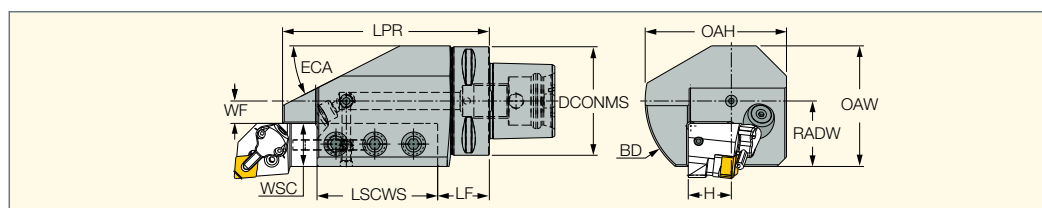
Designation								
C6 ASHR/L 25-1 HPMC	SATZ-M12X1-M6	SR M12X30 DIN915	SR M8X6 DIN913	SR M6X6 DIN913	HW 6.0°	COOLING TUBE C6°	WRENCH COOL TUBE C6°	WRENCH NOZZLE HP M12°

* Optional, to be ordered separately

CAMFIX

C#-ASHR/L-HPMC

Holders with CAMFIX
Exchangeable Shanks for
External Square Shank Tools with
High-Pressure Multi-Connection



	I N C H												
Designation	DCONMS	LPR	LSCWS	LF	WF	H	WSC	OAH	RADW	OAW	BD	ECA	DCP ⁽¹⁾
C6 ASHR/L 1X1 HPMC	2.480	4.724	2.7560	1.181	.496	1.000	1.00	3.228	1.791	2.756	1.9680	27.0	1

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation				
C#-ASHR/L-HPMC	SATZ-M12X1-M6	HSSS 1/2-20X1.25 1/2DOG P	COOLING TUBE C6°	WRENCH COOL TUBE C6°

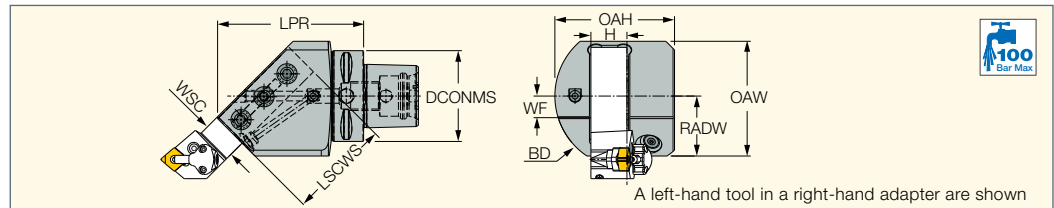
* Optional, to be ordered separately



CAMFIX

C#-ASHR/L-45-HPMC

Holders with CAMFIX
Exchangeable Shanks Carrying
Square Shank Tools for 45°
Mounting on Turn-Mill
Machines with HPMC



M E T R I C											
Designation	DCONMS	H	WSC	LSCWS	LPR	OAH	RADW	OAW	WF	BD	DCP ⁽¹⁾
C6 ASHR/L 25-45 HPMC	63.00	25.0	25.0	70.00	101.30	83.00	38.00	79.60	15.00	100.00	1

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

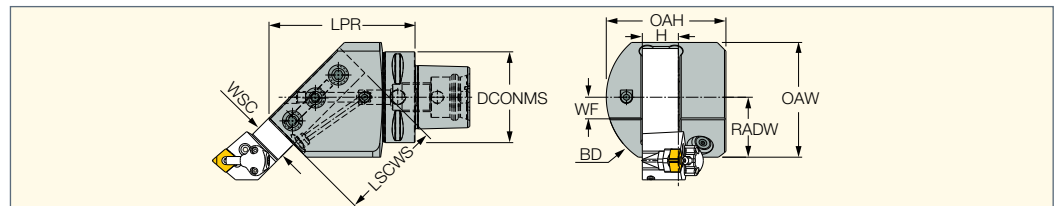
Designation											
C6 ASHR/L 25-45 HPMC	SATZ-M10X1-M5	SR M12X30 DIN915	SR M8X6 DIN913	SR M6X6 DIN913	HW 6.0*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH NOZZLE HP M10*			

* Optional, to be ordered separately

CAMFIX

C#-ASHR/L-45-HPMC

Holders with CAMFIX
Exchangeable Shanks Carrying
Square Shank Tools for 45°
Mounting on Turn-Mill Machines



I N C H											
Designation	DCONMS	H	WSC	WF	LPR	LSCWS	OAH	RADW	OAW	BD	DCP ⁽¹⁾
C6 ASHL 1.0-45 HPMC	2.480	1.000	1.000	.590	3.988	2.756	3.268	1.638	3.134	1.968	1
C6 ASHR 1.0-45 HPMC	2.480	1.000	1.000	.590	3.988	2.756	3.268	1.638	3.134	1.968	1

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

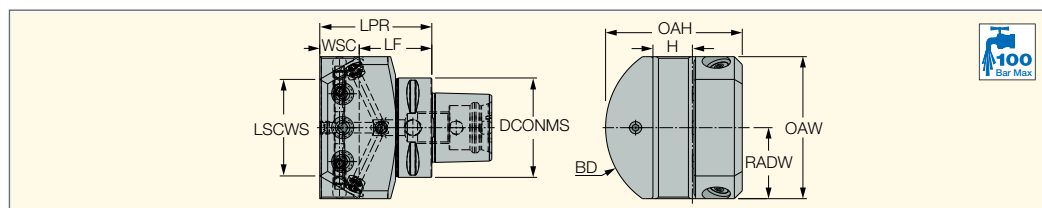
Designation											
C#-ASHR/L-45-HPMC	SATZ-M10X1-M5		HSSS 1/2-20X1.25 1/2DOG P				COOLING TUBE C6*		WRENCH COOL TUBE C6*		

* Optional, to be ordered separately

CAMFIX

C#-ASHA-HPMC

Perpendicular Holders with CAMFIX Shanks for External Square Shank Tools with High-Pressure Multi-Connection



M E T R I C											
Designation	DCONMS	H	WSC	LPR	LSCWS	LF	RADW	OAW	OAH	BD	DCP ⁽¹⁾
C6 ASHA 25 HPMC	63.00	25.0	25.0	71.00	61.20	46.00	45.00	90.00	86.50	110.00	1

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

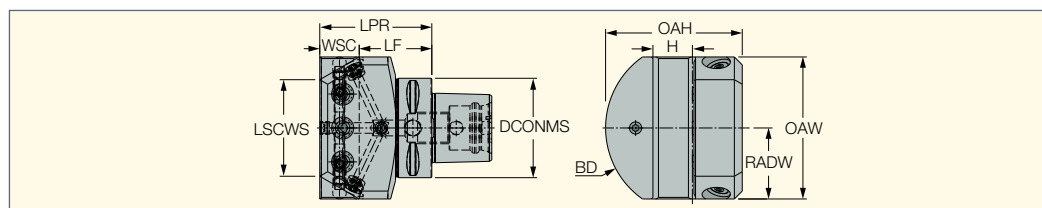
Designation								
C6 ASHA 25 HPMC	SATZ-M12X1-M6	SR M12X30 DIN915	SR M8X6 DIN913	SR M6X6 DIN913	HW 6.0°	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH NOZZLE HP M12*

* Optional, to be ordered separately

CAMFIX

C#-ASHA-HPMC

Perpendicular Holders with CAMFIX Shanks for External Square Shank Tools with High-Pressure Multi-Connection



I N C H											
Designation	DCONMS	H	WSC	LPR	LSCWS	LF	RADW	OAW	OAH	BD	DCP ⁽¹⁾
C6 ASHA 1.0 HPMC	2.480	1.039	1.00	2.795	2.4090	1.811	1.772	3.543	3.409	2.1650	1

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation				
C#-ASHA-HPMC	SATZ-M12X1-M6	HSSS 1/2-20X1.25 1/2DOG P	COOLING TUBE C6*	WRENCH COOL TUBE C6*

* Optional, to be ordered separately



FRONT VIEW



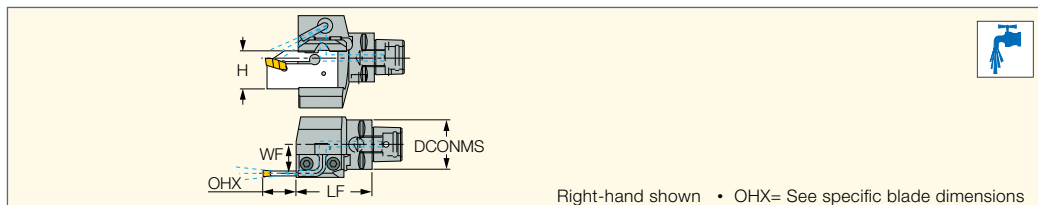
BACK VIEW

TOOL BLOCKS

CAMFIX

C#-TBU

Blocks with CAMFIX
Exchangeable Tapered Shanks
for Parting and Grooving Blades



M E T R I C											
Designation	DCONMS	WF	LF	H	DCP ⁽¹⁾						
C4 TBU-32R/L	40.00	21.0	60.00	32.0	1	BKU 176 307	SR M6X25DIN912	HW 5.0	SR M6X8 DIN916	EZP 5	EZ 125
C5 TBU-32R	50.00	30.0	64.00	32.0	1	BKU 176 307	SR M6X25DIN912	HW 5.0	SR M6X8 DIN916	EZP 5	EZ 125

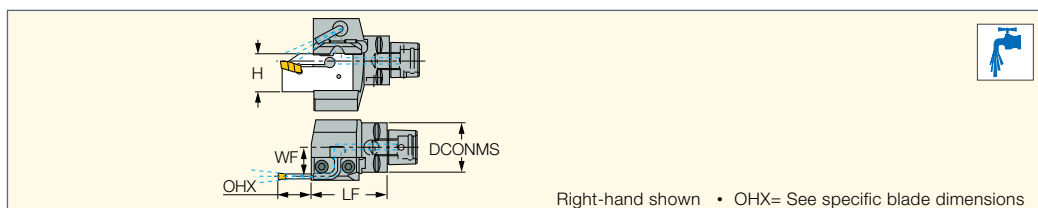
⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

TOOL BLOCKS

CAMFIX

C#-TBU

Blocks with CAMFIX
Exchangeable Tapered Shanks
for Parting and Grooving Blades



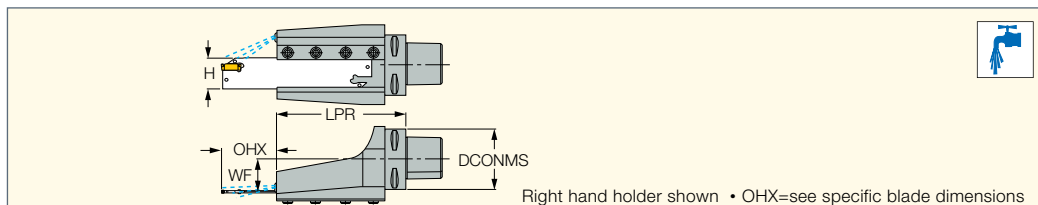
I N C H											
Designation	DCONMS	WF	LF	H	DCP ⁽¹⁾						
C4 TBU-32R/L	1.575	.827	2.362	1.260	1	BKU 176 307	SR M6X25DIN912	HW 5.0	SR M6X8 DIN916	EZP 5	EZ 125
C5 TBU-32R	1.968	1.181	2.520	1.260	1	BKU 176 307	SR M6X25DIN912	HW 5.0	SR M6X8 DIN916	EZP 5	EZ 125

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

TOOL BLOCKS

C#-TBK-R/L

Blocks with CAMFIX
Exchangeable Shanks for
Parting and Grooving Blades



M E T R I C											
Designation	DCONMS	WF	LPR	H ⁽¹⁾	CP ⁽²⁾	DCP ⁽³⁾					
C6 TBK-32R/L	63.00	32.0	138.00	32.0	100	1	BK 32-9 WEDG	SR M6X16 DIN912	HW 5.0	EZ 125	SR M8X6 DIN913
C8 TBK-52R	80.00	40.5	161.00	52.0	100	1	BK 40-9	SR M6X16 DIN912	HW 5.0	EZ 125	SR M8X6 DIN913

⁽¹⁾ Blade size H has to fit this dimension

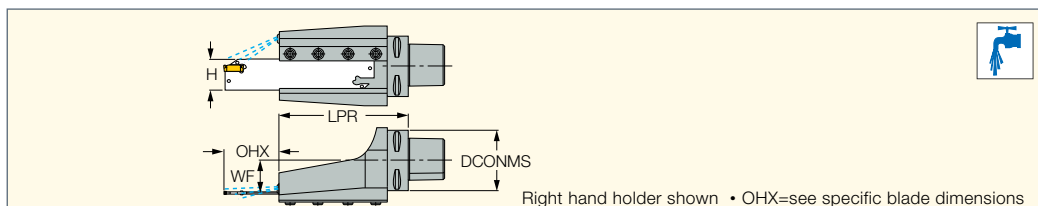
⁽²⁾ Coolant pressure (Bar)

⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

TOOL BLOCKS

C#-TBK-R/L

Blocks with CAMFIX
Exchangeable Shanks for
Parting and Grooving Blades



I N C H											
Designation	DCONMS	WF	LPR	H ⁽¹⁾	CP ⁽²⁾	DCP ⁽³⁾					
C6 TBK-32R/L	2.480	1.260	5.433	1.260	1450	1	BK 32-9 WEDG	SR M6X16 DIN912	HW 5.0	EZ 125	SR M8X6 DIN913
C8 TBK-52R	3.150	1.594	6.339	2.047	1450	1	BK 40-9	SR M6X16 DIN912	HW 5.0	EZ 125	SR M8X6 DIN913

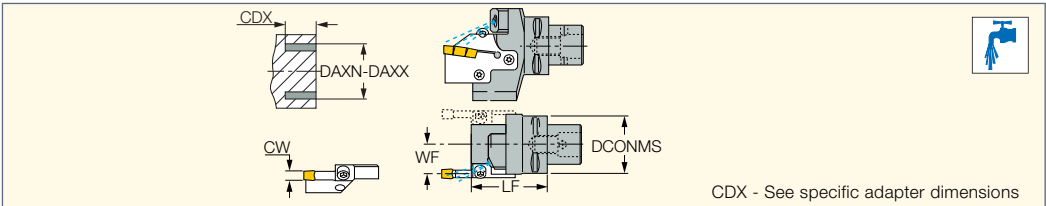
⁽¹⁾ Blade size H has to fit this dimension

⁽²⁾ Coolant pressure (PSI)

⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

CUTGRIP

C#-GHAD-8
Holders with CAMFIX
Exchangeable Shanks
for Grooving, Turning
and Facing Adapters



CDX - See specific adapter dimensions

	M E T R I C							
Designation	DCONMS	LF	WF	CW	DAXN ⁽¹⁾	DAXX ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C5 GHAD-8	50.00	65.00	26.00	8.00	80.0	510.0	100	1
C6 GHAD-8	63.00	65.00	32.50	8.00	80.0	510.0	100	1

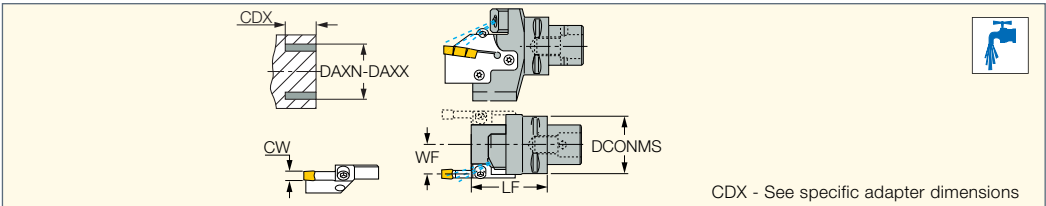
- ⁽¹⁾ Minimum axial grooving diameter
⁽²⁾ Maximum axial grooving diameter
⁽³⁾ Coolant pressure (Bar)
⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation							
C#-GHAD-8	SR 14-519	T-20/5	SR M6X25DIN912	HW 5.0	SR 76-1022	EZA 125	EZ 125

CUTGRIP

C#-GHAD-8
Holders with CAMFIX
Exchangeable Shanks
for Grooving, Turning
and Facing Adapters



CDX - See specific adapter dimensions

	I N C H							
Designation	DCONMS	LF	WF	CW	DAXN ⁽¹⁾	DAXX ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C5 GHAD-8	1.968	2.559	1.024	.315	3.15	20.08	1450	1
C6 GHAD-8	2.480	2.559	1.280	.315	3.15	20.08	1450	1

- ⁽¹⁾ Minimum axial grooving diameter
⁽²⁾ Maximum axial grooving diameter
⁽³⁾ Coolant pressure (PSI)
⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip

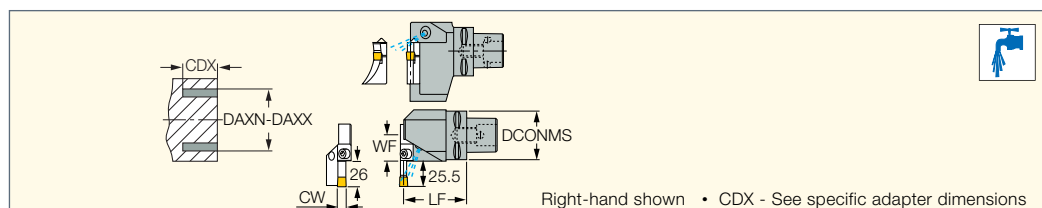
Spare Parts

Designation							
C#-GHAD-8	SR 14-519	T-20/5	SR M6X25DIN912	HW 5.0	SR 76-1022	EZA 125	EZ 125

CAMFIX

C#-GHAPR/L-8

Perpendicular Holders with
CAMFIX Exchangeable
Shanks for Grooving, Turning,
and Facing Adapters



	M E T R I C							
Designation	DCONMS	LF	WF	CW	DAXN ⁽¹⁾	DAXX ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C5 GHAPR/L-8	50.00	64.00	26.00	8.00	80.0	510.0	100	1
C6 GHAPR/L-8	63.00	75.00	33.00	8.00	80.0	510.0	100	1

⁽¹⁾ Minimum axial grooving diameter

⁽²⁾ Maximum axial grooving diameter

⁽³⁾ Coolant pressure (Bar)

⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip

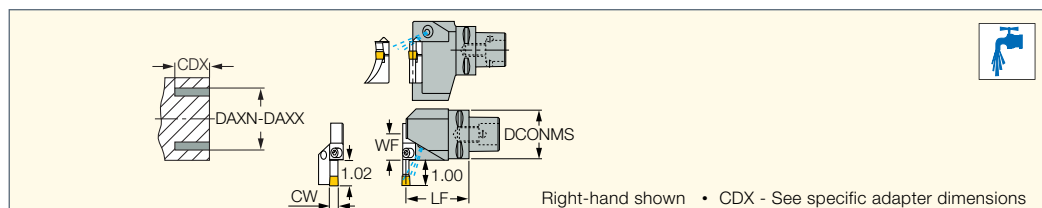
Spare Parts

Designation				
C#-GHAPR/L-8	SR 14-519	T-20/5	SR M6X25DIN912	HW 5.0

CAMFIX

C#-GHAPR/L-8

Perpendicular Holders with
CAMFIX Exchangeable
Shanks for Grooving, Turning,
and Facing Adapters



	I N C H							
Designation	DCONMS	LF	WF	CW	DAXN ⁽¹⁾	DAXX ⁽²⁾	CP ⁽³⁾	DCP ⁽⁴⁾
C5 GHAPR/L-8	1.968	2.520	1.024	.315	3.15	20.08	1450	1
C6 GHAPR/L-8	2.480	2.953	1.299	.315	3.15	20.08	1450	1

⁽¹⁾ Minimum axial grooving diameter

⁽²⁾ Maximum axial grooving diameter

⁽³⁾ Coolant pressure (PSI)

⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip

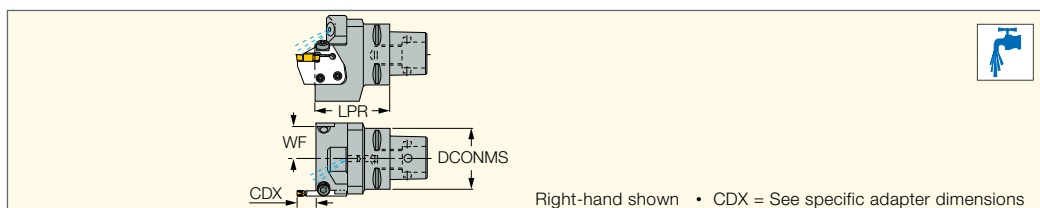
Spare Parts

Designation				
C#-GHAPR/L-8	SR 14-519	T-20/5	SR M6X25DIN912	HW 5.0

MODULARGRIP

C#-MAHD

Holders with CAMFIX
Exchangeable Shanks for
Parting, Grooving, Turning
and Facing Adapters



M E T R I C					
Designation	DCONMS	LPR	WF	CP ⁽¹⁾	DCP ⁽²⁾
C3 MAHD	32.00	50.00	18.5	100	0
C4 MAHD	40.00	46.50	22.1	100	1
C5 MAHD	50.00	47.00	23.0	100	1
C6 MAHD	63.00	50.00	29.0	100	1
C8 MAHD	80.00	60.00	37.5	100	1

⁽¹⁾ Coolant pressure (Bar)

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

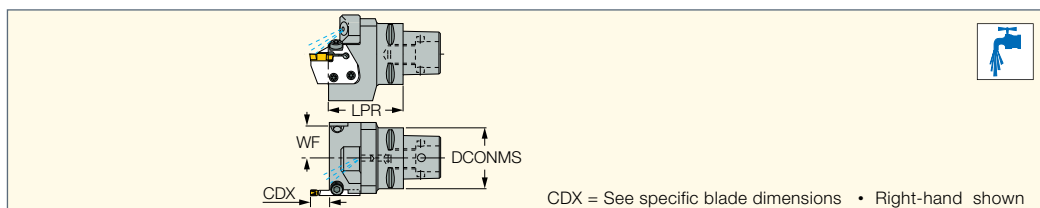
Spare Parts

Designation									
C#-MAHD	SR M5-04451	T-20/5	SR 14-519	SR M6X20-XT	HW 5.0	SR M6X6DIN551 14H/22H	EZ 125	EZA 125	SR 76-1022

MODULARGRIP

C#-MAHD

Holders with CAMFIX
Exchangeable Shanks for
Parting, Grooving, Turning
and Facing Adapters



I N C H					
Designation	DCONMS	LPR	WF	CP ⁽¹⁾	DCP ⁽²⁾
C3 MAHD	1.260	1.968	.728	1450	0
C4 MAHD	1.575	1.831	.870	1450	1
C5 MAHD	1.968	1.850	.906	1450	1
C6 MAHD	2.480	1.968	1.142	1450	1
C8 MAHD	3.150	2.362	1.476	1450	1

⁽¹⁾ Coolant pressure (PSI)

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

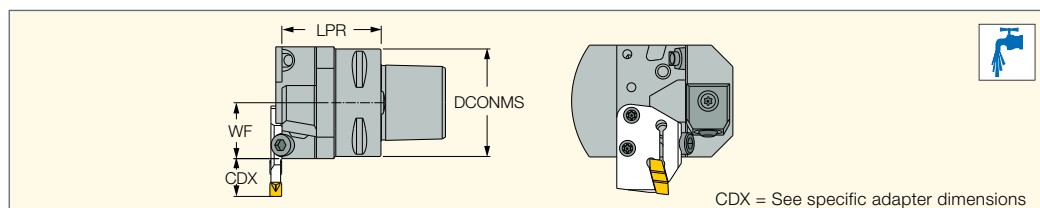
Spare Parts

Designation									
C#-MAHD	SR M5-04451	T-20/5	SR 14-519	SR M6X20-XT	HW 5.0	SR M6X6DIN551 14H/22H	EZ 125	EZA 125	SR 76-1022

MODULARGRIP

C#-MAHPD

Perpendicular Holders with
CAMFIX Exchangeable Shanks
Carrying Adapters for Parting,
Grooving, Turning and Facing



M E T R I C					
Designation	DCONMS	LPR	WF	DCP ⁽¹⁾	CP ⁽²⁾
C4 MAHPD	40.00	46.00	25.00	1	100
C5 MAHPD	50.00	46.00	26.00	1	100
C6 MAHPD	63.00	47.00	33.00	1	100
C8 MAHPD	80.00	56.00	42.00	1	100

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

⁽²⁾ Coolant pressure (Bar)

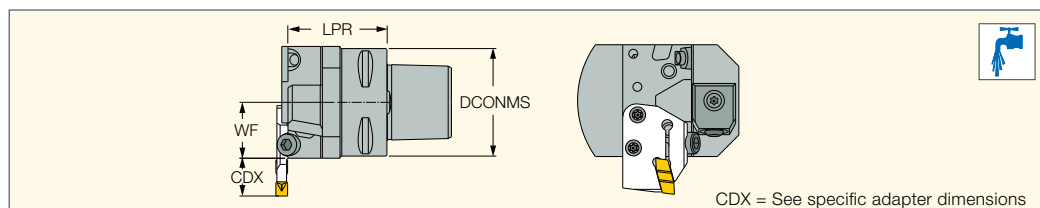
Spare Parts

Designation									
C#-MAHPD	SR M5-04451	T-20/5	SR 14-519	SR M6X20-XT	HW 5.0	SR M6X6DIN551 14H/22H	EZ 125	SR 76-1022	EZA-21414

MODULARGRIP

C#-MAHPD

Perpendicular Holders with
CAMFIX Exchangeable Shanks
Carrying Adapters for Parting,
Grooving, Turning and Facing



I N C H					
Designation	DCONMS	LPR	WF	DCP ⁽¹⁾	CP ⁽²⁾
C4 MAHPD	1.575	1.811	.984	1	1450
C5 MAHPD	1.968	1.811	1.024	1	1450
C6 MAHPD	2.480	1.850	1.299	1	1450
C8 MAHPD	3.150	2.205	1.654	1	1450

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

⁽²⁾ Coolant pressure (PSI)

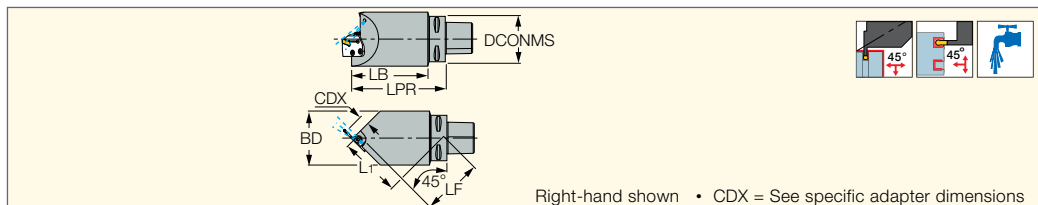
Spare Parts

Designation									
C#-MAHPD	SR M5-04451	T-20/5	SR 14-519	SR M6X20-XT	HW 5.0	SR M6X6DIN551 14H/22H	EZ 125	SR 76-1022	EZA-21414

CAMFIX

C#-MAHDR-45

Holders with CAMFIX
Exchangeable Shanks for
Parting, Grooving, Turning
and Facing Adapters



	M E T R I C							
Designation	DCONMS	LPR	L1	LB	LF	BD	CP ⁽¹⁾	DCP ⁽²⁾
C8 MAHDR-45	80.00	130.00	91.9	-	89.0	80.00	100	1
C6 MAHDR-45	63.00	130.00	91.9	105.78	89.0	75.00	100	1

• For mill-turn machines

⁽¹⁾ Coolant pressure (Bar)

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip



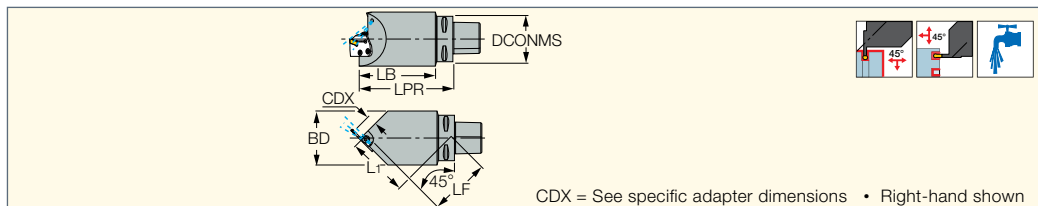
Spare Parts

Designation								
C8 MAHDR-45	SR M5-04451	T-20/5	SR 14-519	SR M6X20-XT	HW 5.0	SR M6X6DIN551 14H/22H	SR M8X6 DIN913	SATZ-M12X1-M6
C6 MAHDR-45	SR M5-04451	T-20/5	SR 14-519	SR M6X20DIN7984	HW 4.0	SR M6X6DIN551 14H/22H	SR M5X4 DIN913	EZ 83

CAMFIX

C#-MAHDR-45

Holders with CAMFIX
Exchangeable Shanks for
Parting, Grooving, Turning
and Facing Adapters



	I N C H							
Designation	DCONMS	LPR	L1	LB	LF	BD	CP ⁽¹⁾	DCP ⁽²⁾
C8 MAHDR-45	3.150	5.118	3.618	-	3.504	3.150	1450	1
C6 MAHDR-45	2.480	5.118	3.618	4.165	3.504	2.953	1450	1

• For mill-turn machines

⁽¹⁾ Coolant pressure (PSI)

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip



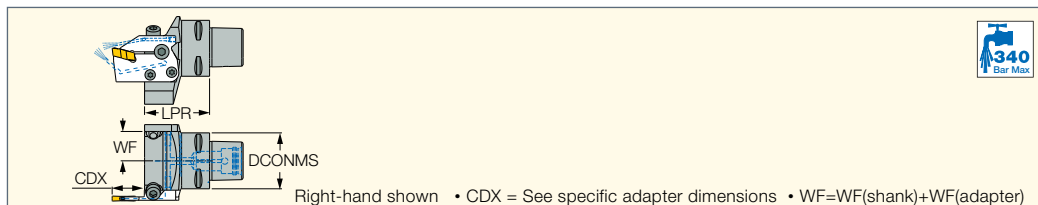
Spare Parts

Designation								
C8 MAHDR-45	SR M5-04451	T-20/5	SR 14-519	SR M6X20-XT	HW 5.0	SR M6X6DIN551 14H/22H	SR M8X6 DIN913	SATZ-M12X1-M6
C6 MAHDR-45	SR M5-04451	T-20/5	SR 14-519	SR M6X20DIN7984	HW 4.0	SR M6X6DIN551 14H/22H	SR M5X4 DIN913	EZ 83

MODULAR-GRIP

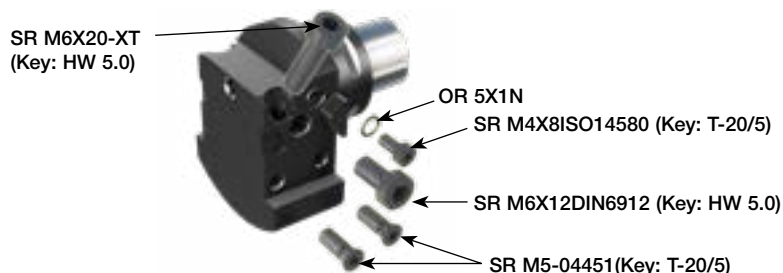
C#-MAHD-JHP

Holders with CAMFIX
Exchangeable Shanks and High
Pressure Coolant Channels for
MODULAR-GRIP Adapters



M E T R I C											
Designation	DCONMS	LPR	WF	DCP ⁽¹⁾							
C3 MAHD-JHP	32.00	45.00	18.5	0	SR M5-04451	T-20/5	SR M6X12DIN6912	SR M6X20-XT	HW 5.0	OR 5X1N	SR M4X8ISO14580 BLACK
C4 MAHD-JHP	40.00	46.50	21.0	1	SR M5-04451	T-20/5	SR M6X12DIN6912	SR M6X20-XT	HW 5.0	OR 5X1N	SR M4X8ISO14580 BLACK
C5 MAHD-JHP	50.00	47.00	26.0	1	SR M5-04451	T-20/5	SR M6X12DIN6912	SR M6X20-XT	HW 5.0	OR 5X1N	SR M4X8ISO14580 BLACK
C6 MAHD-JHP	63.00	50.00	32.5	1	SR M5-04451	T-20/5	SR M6X12DIN6912	SR M6X20-XT	HW 5.0	OR 5X1N	SR M4X8ISO14580 BLACK

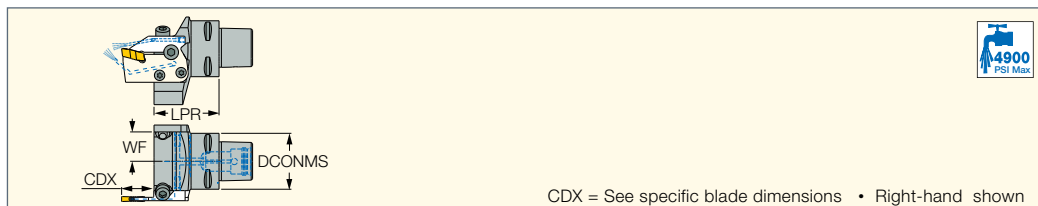
⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip



MODULAR-GRIP

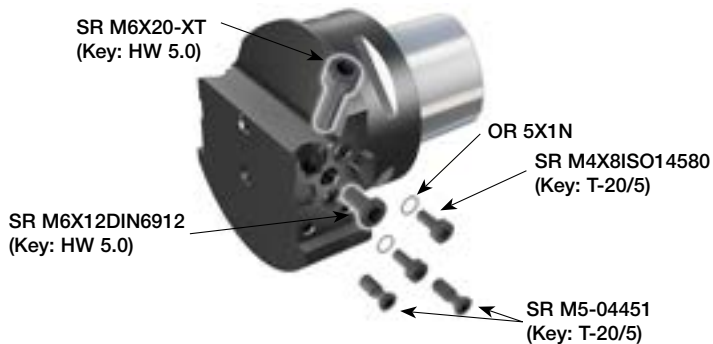
C#-MAHD-JHP

Holders with CAMFIX
Exchangeable Shanks and High
Pressure Coolant Channels for
MODULAR-GRIP Adapters



I N C H											
Designation	DCONMS	LPR	WF	DCP ⁽¹⁾							
C3 MAHD-JHP	1.260	1.772	.728	0	SR M5-04451	T-20/5	SR M6X12DIN6912	SR M6X20-XT	HW 5.0	OR 5X1N	SR M4X8ISO14580 BLACK
C4 MAHD-JHP	1.575	1.831	.827	1	SR M5-04451	T-20/5	SR M6X12DIN6912	SR M6X20-XT	HW 5.0	OR 5X1N	SR M4X8ISO14580 BLACK
C5 MAHD-JHP	1.968	1.850	1.024	1	SR M5-04451	T-20/5	SR M6X12DIN6912	SR M6X20-XT	HW 5.0	OR 5X1N	SR M4X8ISO14580 BLACK
C6 MAHD-JHP	2.480	1.968	1.280	1	SR M5-04451	T-20/5	SR M6X12DIN6912	SR M6X20-XT	HW 5.0	OR 5X1N	SR M4X8ISO14580 BLACK

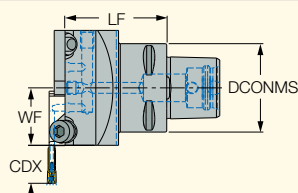
⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip



MODULARGRIP

C#-MAHPD-JHP

Perpendicular Holders with CAMFIX Exchangeable Shanks for Parting, Grooving, Turning and Facing Adapters



CDX= See specific adapter dimensions

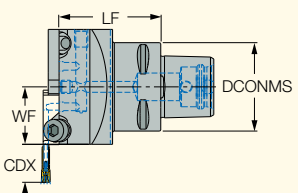
M E T R I C											
Designation	DCONMS	LF	WF	DCP ⁽¹⁾							
C3 MAHPD-JHP	32.00	40.00	26.00	0	SR M5-04451	T-20/5	SR M6X12DIN6912	SR M6X20-XT	HW 5.0	OR 5X1N	SR M4X8ISO14580 BLACK
C4 MAHPD-JHP	40.00	46.00	26.00	1	SR M5-04451	T-20/5	SR M6X12DIN6912	SR M6X20-XT	HW 5.0	OR 5X1N	SR M4X8ISO14580 BLACK
C5 MAHPD-JHP	50.00	46.00	26.00	1	SR M5-04451	T-20/5	SR M6X12DIN6912	SR M6X20-XT	HW 5.0	OR 5X1N	SR M4X8ISO14580 BLACK
C6 MAHPD-JHP	63.00	46.00	33.00	1							

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

MODULARGRIP

C#-MAHPD-JHP

Perpendicular Holders with CAMFIX Exchangeable Shanks for Parting, Grooving, Turning and Facing Adapters



CDX= See specific adapter dimensions

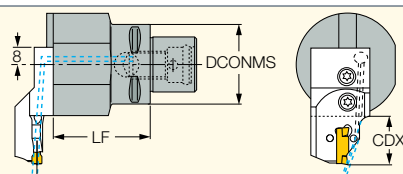
I N C H											
Designation	DCONMS	LF	WF	DCP ⁽¹⁾							
C3 MAHPD-JHP	1.260	1.575	1.024	0	SR M5-04451	T-20/5	SR M6X12DIN6912	SR M6X20-XT	HW 5.0	OR 5X1N	SR M4X8ISO14580 BLACK
C4 MAHPD-JHP	1.575	1.811	1.024	1	SR M5-04451	T-20/5	SR M6X12DIN6912	SR M6X20-XT	HW 5.0	OR 5X1N	SR M4X8ISO14580 BLACK
C5 MAHPD-JHP	1.968	1.811	1.024	1	SR M5-04451	T-20/5	SR M6X12DIN6912	SR M6X20-XT	HW 5.0	OR 5X1N	SR M4X8ISO14580 BLACK
C6 MAHPD-JHP	2.480	1.811	1.299	1							

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

CAMFIX

C#-HAPR/L

Perpendicular Holders with CAMFIX Exchangeable Shanks for Internal Facing Adapters



Right-hand shown • CDX - See specific adapter dimensions

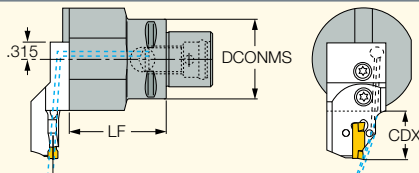
M E T R I C					
Designation	DCONMS	LF	DCP ⁽¹⁾		
C4 HAPR/L	40.00	50.00	1	SR 14-519	T-20/3
C6 HAPR/L	63.00	50.00	1	SR 14-519	T-20/3

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

CAMFIX

C#-HAPR/L

Perpendicular Holders with CAMFIX Exchangeable Shanks for Internal Facing Adapters



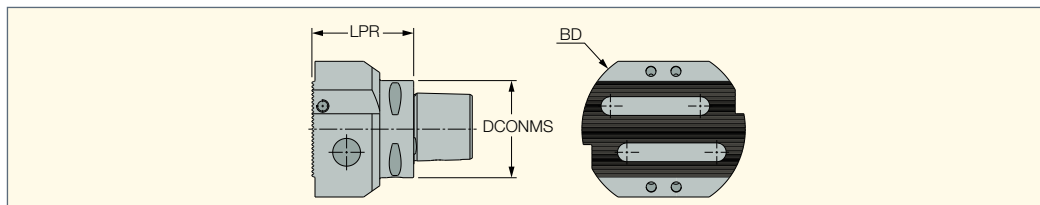
Right-hand shown • CDX - See specific adapter dimensions

I N C H					
Designation	DCONMS	LF	DCP ⁽¹⁾		
C4 HAPR/L	1.575	1.968	1	SR 14-519	T-20/3
C6 HAPR/L	2.480	1.968	1	SR 14-519	T-20/3

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

C#-HATA

CAMFIX Toolholder with a
Serrated Connection Adaptation



M E T R I C				
Designation	DCONMS	BD	LPR	DCP ⁽¹⁾
C6 HATA	63.00	106.00	66.00	1

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

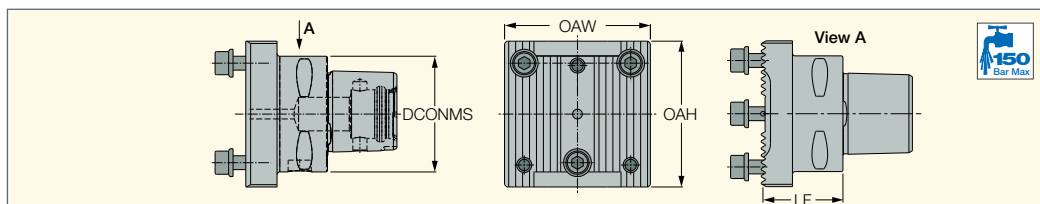
Spare Parts

Designation								
C6 HATA	SR M8X45 DIN 913	SR M8X25 DIN913	HW 4.0	SR M6X6 DIN913 TL360	HW 3.0	BH NUT BHR MB80	SR M12X35DIN912	HW 10.0

MODULAR-GRIP

C#-V60-JHP

Toolholders for CAMFIX
Adaptations with Internal
Coolant Supply for
MODULAR-GRIP-XL Adapters

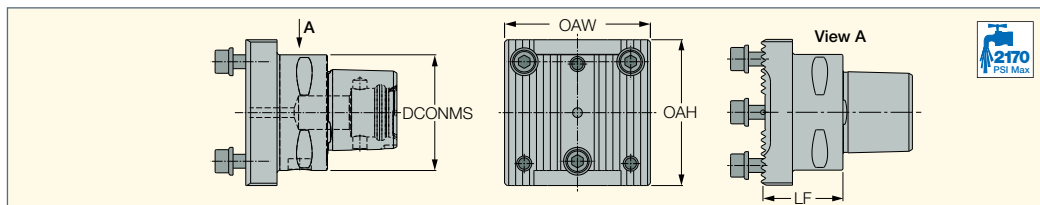


M E T R I C				
Designation	DCONMS	OAW	OAH	LF
C4 V60-JHP	40.00	63.00	63.00	34.55
C5 V60-JHP	50.00	63.00	63.00	34.55
C6 V60-JHP	63.00	63.00	63.00	36.55

MODULAR-GRIP

C#-V60-JHP

Toolholders for CAMFIX
Adaptations with Internal
Coolant Supply for
MODULAR-GRIP-XL Adapters



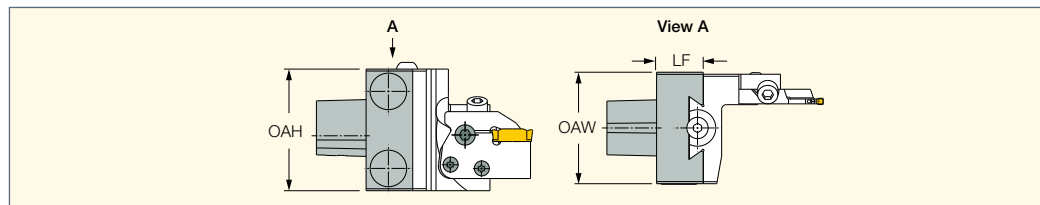
I N C H				
Designation	DCONMS	OAW	OAH	LF
C4 V60-JHP	1.575	2.480	2.480	1.360
C5 V60-JHP	1.968	2.480	2.480	1.360
C6 V60-JHP	2.480	2.480	2.480	1.439



MODULAR GRIP

C#-DT##/2-L23

Toolholder with CAMFIX
Adaptation on DT for
SCHUTTE Machine Tools



M E T R I C			
Designation	OAH	OAW	LF
C3 DT20/2-L23	57.00	45.00	23.50
C3 DT30/2-L23	60.00	55.00	23.50
C4 DT30/2-L23	60.00	55.00	23.50

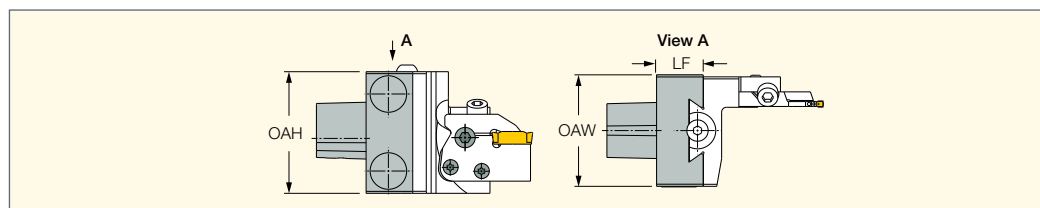
• All trademarks and logos are the property of their respective companies



MODULAR GRIP

C#-DT##/2-L23

Toolholder with CAMFIX
Adaptation on DT for
SCHUTTE Machine Tools



I N C H			
Designation	OAH	OAW	LF
C3 DT20/2-L23	2.244	1.772	.925
C3 DT30/2-L23	2.362	2.165	.925
C4 DT30/2-L23	2.362	2.165	.925

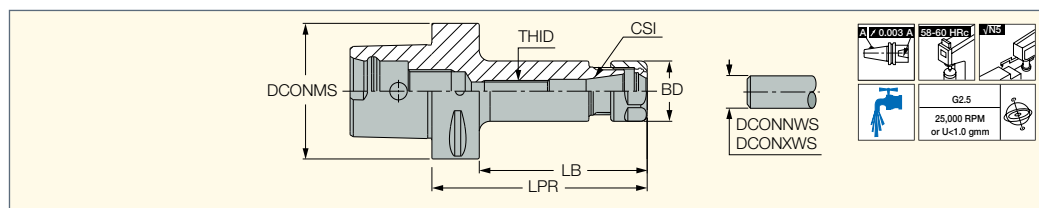
• All trademarks and logos are the property of their respective companies



CAMFIX

C#-ER

DIN 6499 ER Collet Chucks
with CAMFIX (ISO 26623-1)
Exchangeable Tapered Shanks



M E T R I C										
Designation	DCONMS	CSI	DCONNWS ⁽²⁾	DCONXWS ⁽³⁾	BD	LPR	LB	THID	DCP ⁽⁴⁾	
C3 ER16X45	32.00	ER16	1.0	10.0	28.00	45.00	30.0	-	0	0.20
C3 ER20X45	32.00	ER20	1.0	13.0	34.00	45.00	30.0	-	0	0.14
C4 ER16X70	40.00	ER16	1.0	10.0	28.00	70.00	50.0	M10	1	0.38
C4 ER20X35 ⁽¹⁾	40.00	ER20	1.0	13.0	34.00	35.00	27.0	-	0	0.16
C4 ER20X52	40.00	ER20	1.0	13.0	34.00	52.00	32.0	-	1	1.04
C4 ER25X38 ⁽¹⁾	40.00	ER25	1.0	16.0	42.00	38.00	30.0	-	0	0.18
C4 ER25X52	40.00	ER25	1.0	16.0	42.00	52.00	32.0	-	1	0.30
C4 ER32X54	40.00	ER32	2.0	20.0	50.00	54.00	34.0	-	0	0.48
C5 ER16X100	50.00	ER16	1.0	10.0	28.00	100.00	80.0	M10	1	0.00
C5 ER16X130	50.00	ER16	1.0	10.0	28.00	130.00	110.0	M10	1	0.79
C5 ER20X055	50.00	ER20	1.0	13.0	34.00	55.00	35.0	-	1	0.50
C5 ER20X100	50.00	ER20	1.0	13.0	34.00	100.00	80.0	M12	1	0.79
C5 ER20X130	50.00	ER20	1.0	13.0	34.00	130.00	110.0	M12	1	0.97
C5 ER25X055	50.00	ER25	1.0	16.0	42.00	55.00	35.0	-	1	0.52
C5 ER25X100	50.00	ER25	1.0	16.0	42.00	100.00	80.0	M16	1	0.93
C5 ER32X057	50.00	ER32	2.0	20.0	50.00	57.00	36.0	-	1	0.50
C5 ER32X100	50.00	ER32	2.0	20.0	50.00	100.00	36.0	M22X1.5	1	1.05
C6 ER16X100	63.00	ER16	1.0	10.0	28.00	100.00	78.0	M10	1	0.99
C6 ER16X130	63.00	ER16	1.0	10.0	28.00	130.00	108.0	M10	1	1.12
C6 ER16X160	63.00	ER16	1.0	10.0	28.00	160.00	138.0	M10	1	1.24
C6 ER20X060	63.00	ER20	1.0	13.0	34.00	60.00	38.0	-	1	0.84
C6 ER20X100	63.00	ER20	1.0	13.0	34.00	100.00	78.0	M12	1	1.09
C6 ER20X130	63.00	ER20	1.0	13.0	34.00	130.00	108.0	M12	1	1.26
C6 ER20X160	63.00	ER20	1.0	13.0	34.00	160.00	138.0	M12	1	1.47
C6 ER25X060	63.00	ER25	1.0	16.0	42.00	60.00	38.0	-	1	0.87
C6 ER25X100	63.00	ER25	1.0	16.0	42.00	100.00	78.0	M16	1	1.25
C6 ER25X130	63.00	ER25	1.0	16.0	42.00	130.00	108.0	M16	1	1.68
C6 ER25X160	63.00	ER25	1.0	16.0	42.00	160.00	138.0	M16	1	1.83
C6 ER32X060	63.00	ER32	2.0	20.0	50.00	60.00	36.0	-	1	0.86
C6 ER32X100	63.00	ER32	2.0	20.0	50.00	100.00	78.0	M22X1.5	1	1.38
C6 ER32X130	63.00	ER32	2.0	20.0	50.00	130.00	108.0	M22X1.5	1	1.75
C6 ER32X160	63.00	ER32	2.0	20.0	50.00	160.00	138.0	M22X1.5	1	2.21
C6 ER40X065	63.00	ER40	3.0	26.0	63.00	65.00	37.0	-	1	0.93
C6 ER40X100	63.00	ER40	3.0	26.0	63.00	100.00	78.0	M28X1.5	1	1.59
C6 ER40X130	63.00	ER40	3.0	26.0	63.00	130.00	108.0	M28X1.5	1	2.18
C8 ER32X100	80.00	ER32	2.0	20.0	50.00	100.00	70.0	M22x1.5	1	2.20
C8 ER32X160	80.00	ER32	2.0	20.0	50.00	160.00	130.0	M22x1.5	1	3.08
C8 ER32X70	80.00	ER32	2.0	20.0	50.00	70.00	40.0	-	1	1.84
C8 ER40X100	80.00	ER40	3.0	26.0	63.00	100.00	70.0	M28x1.5	1	0.86
C8 ER40X160	80.00	ER40	3.0	26.0	63.00	160.00	130.0	M28x1.5	1	3.80
C8 ER40X70	80.00	ER40	3.0	26.0	63.00	70.00	40.0	-	1	1.82

⁽¹⁾ Short adapter without gripper grooves: NOT for ATC. Cannot be used in CAMFIX modular system (Extension, Reduction etc.)

⁽²⁾ Minimum diameter

⁽³⁾ Maximum diameter

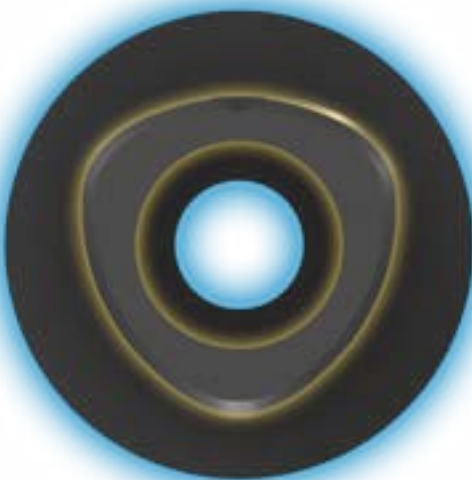
⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip



Spare Parts

Designation						
C3 ER16X45	NUT ER16 TOP		WRENCH ER16*	COOLING TUBE C3*	WRENCH COOL TUBE C3*	
C3 ER20X45	NUT ER20 TOP		WRENCH ER20*	COOLING TUBE C3*	WRENCH COOL TUBE C3*	
C4 ER16X70	NUT ER16 TOP	PRESET ER-JET 10X1.5*	WRENCH ER16*	COOLING TUBE C4*	WRENCH COOL TUBE C4*	
C4 ER20X35	NUT ER20 TOP		WRENCH ER20*	COOLING TUBE C4*	WRENCH COOL TUBE C4*	
C4 ER20X52	NUT ER20 TOP		WRENCH ER20*	COOLING TUBE C4*	WRENCH COOL TUBE C4*	
C4 ER25X38	NUT ER25 TOP		WRENCH ER25*	COOLING TUBE C4*	WRENCH COOL TUBE C4*	
C4 ER25X52	NUT ER25 TOP		WRENCH ER25*	COOLING TUBE C4*	WRENCH COOL TUBE C4*	
C4 ER32X54	NUT ER32 TOP		WRENCH ER32*	COOLING TUBE C4*	WRENCH COOL TUBE C4*	
C5 ER16X100	NUT ER16 TOP	PRESET ER-JET 10X1.5*	WRENCH ER16*	COOLING TUBE C5*	WRENCH COOL TUBE C5*	
C5 ER16X130	NUT ER16 TOP	PRESET ER-JET 10X1.5*	WRENCH ER16*	COOLING TUBE C5*	WRENCH COOL TUBE C5*	
C5 ER20X055	NUT ER20 TOP		WRENCH ER20*	COOLING TUBE C5*	WRENCH COOL TUBE C5*	
C5 ER20X100	NUT ER20 TOP	PRESET ER-JET 12X1.75*	WRENCH ER20*	COOLING TUBE C5*	WRENCH COOL TUBE C5*	PRESET ER-JET 12X1.75L*
C5 ER20X130	NUT ER20 TOP	PRESET ER-JET 12X1.75*	WRENCH ER20*	COOLING TUBE C5*	WRENCH COOL TUBE C5*	PRESET ER-JET 12X1.75L*
C5 ER25X055	NUT ER25 TOP		WRENCH ER25*	COOLING TUBE C5*	WRENCH COOL TUBE C5*	
C5 ER25X100	NUT ER25 TOP	PRESET ER-JET 16X2*	WRENCH ER25*	COOLING TUBE C5*	WRENCH COOL TUBE C5*	PRESET ER-JET 16X2L*
C5 ER32X057	NUT ER32 TOP		WRENCH ER32*	COOLING TUBE C5*	WRENCH COOL TUBE C5*	
C5 ER32X100	NUT ER32 TOP	PRESET ER-JET 22X1.5*	WRENCH ER32*	COOLING TUBE C5*	WRENCH COOL TUBE C5*	PRESET ER-JET 22X1.5L*
C6 ER16X100	NUT ER16 TOP	PRESET ER-JET 10X1.5*	WRENCH ER16*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	
C6 ER16X130	NUT ER16 TOP	PRESET ER-JET 10X1.5*	WRENCH ER16*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	
C6 ER16X160	NUT ER16 TOP	PRESET ER-JET 10X1.5*	WRENCH ER16*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	
C6 ER20X060	NUT ER20 TOP		WRENCH ER20*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	
C6 ER20X100	NUT ER20 TOP	PRESET ER-JET 12X1.75*	WRENCH ER20*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	PRESET ER-JET 12X1.75L*
C6 ER20X130	NUT ER20 TOP	PRESET ER-JET 12X1.75*	WRENCH ER20*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	PRESET ER-JET 12X1.75L*
C6 ER20X160	NUT ER20 TOP	PRESET ER-JET 12X1.75*	WRENCH ER20*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	PRESET ER-JET 12X1.75L*
C6 ER25X060	NUT ER25 TOP		WRENCH ER25*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	
C6 ER25X100	NUT ER25 TOP	PRESET ER-JET 16X2*	WRENCH ER25*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	PRESET ER-JET 16X2L*
C6 ER25X130	NUT ER25 TOP	PRESET ER-JET 16X2*	WRENCH ER25*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	PRESET ER-JET 16X2L*
C6 ER25X160	NUT ER25 TOP	PRESET ER-JET 16X2*	WRENCH ER25*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	PRESET ER-JET 16X2L*
C6 ER32X060	NUT ER32 TOP		WRENCH ER32*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	
C6 ER32X100	NUT ER32 TOP	PRESET ER-JET 22X1.5*	WRENCH ER32*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	PRESET ER-JET 22X1.5L*
C6 ER32X130	NUT ER32 TOP	PRESET ER-JET 22X1.5*	WRENCH ER32*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	PRESET ER-JET 22X1.5L*
C6 ER32X160	NUT ER32 TOP	PRESET ER-JET 22X1.5*	WRENCH ER32*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	PRESET ER-JET 22X1.5L*
C6 ER40X065	NUT ER40 TOP		WRENCH ER40*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	
C6 ER40X100	NUT ER40 TOP	PRESET ER-JET 28X1.5*	WRENCH ER40*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	
C6 ER40X130	NUT ER40 TOP	PRESET ER-JET 28X1.5*	WRENCH ER40*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	
C8 ER32X100	NUT ER32 TOP	PRESET ER-JET 22X1.5*	WRENCH ER32*	COOLING TUBE C8*	WRENCH COOL TUBE C8*	PRESET ER-JET 22X1.5L*
C8 ER32X160	NUT ER32 TOP	PRESET ER-JET 28X1.5*	WRENCH ER32*	COOLING TUBE C8*	WRENCH COOL TUBE C8*	
C8 ER32X70	NUT ER32 TOP		WRENCH ER32*	COOLING TUBE C8*	WRENCH COOL TUBE C8*	
C8 ER40X100	NUT ER40 TOP	PRESET ER-JET 28X1.5*	WRENCH ER40*	COOLING TUBE C8*	WRENCH COOL TUBE C8*	
C8 ER40X160	NUT ER40 TOP		WRENCH ER40*	COOLING TUBE C8*	WRENCH COOL TUBE C8*	
C8 ER40X70	NUT ER40 TOP		WRENCH ER40*	COOLING TUBE C8*	WRENCH COOL TUBE C8*	

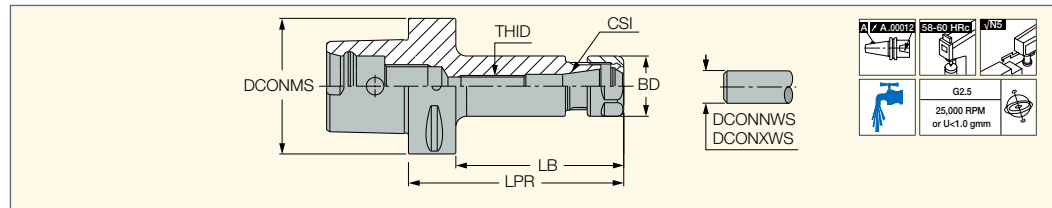
* Optional, to be ordered separately



CAMFIX

C#-ER

DIN 6499 ER Collet Chucks
with CAMFIX (ISO 26623-1)
Exchangeable Tapered Shanks



I N C H										
Designation	DCONMS	CSI	DCONNWS ⁽²⁾	DCONXWS ⁽³⁾	BD	LPR	LB	THID	DCP ⁽⁴⁾	
C3 ER16X45	1.260	ER16	.039	.394	1.102	1.772	1.181	-	0	.45
C3 ER20X45	1.260	ER20	.039	.512	1.339	1.772	1.181	-	0	.32
C4 ER16X70	1.575	ER16	.039	.394	1.102	2.756	1.968	M10	1	.83
C4 ER20X35 ⁽¹⁾	1.575	ER20	.039	.512	1.339	1.378	1.063	-	0	.35
C4 ER20X52	1.575	ER20	.039	.512	1.339	2.047	1.260	-	1	2.29
C4 ER25X38 ⁽¹⁾	1.575	ER25	.039	.630	1.654	1.496	1.181	-	0	.40
C4 ER25X52	1.575	ER25	.039	.630	1.654	2.047	1.260	-	1	.66
C4 ER32X54	1.575	ER32	.079	.787	1.968	2.126	1.339	-	0	1.06
C5 ER16X100	1.968	ER16	.039	.394	1.102	3.937	3.150	M10	1	0
C5 ER16X130	1.968	ER16	.039	.394	1.102	5.118	4.331	M10	1	1.75
C5 ER20X055	1.968	ER20	.039	.512	1.339	2.165	1.378	-	1	1.09
C5 ER20X100	1.968	ER20	.039	.512	1.339	3.937	3.150	M12	1	1.73
C5 ER20X130	1.968	ER20	.039	.512	1.339	5.118	4.331	M12	1	2.15
C5 ER25X055	1.968	ER25	.039	.630	1.654	2.165	1.378	-	1	1.15
C5 ER25X100	1.968	ER25	.039	.630	1.654	3.937	3.150	M16	1	2.04
C5 ER32X057	1.968	ER32	.079	.787	1.968	2.244	1.417	-	1	1.09
C5 ER32X100	1.968	ER32	.079	.787	1.968	3.937	1.417	M22X1.5	1	2.32
C6 ER16X100	2.480	ER16	.039	.394	1.102	3.937	3.071	M10	1	2.19
C6 ER16X130	2.480	ER16	.039	.394	1.102	5.118	4.252	M10	1	2.47
C6 ER16X160	2.480	ER16	.039	.394	1.102	6.299	5.433	M10	1	2.73
C6 ER20X060	2.480	ER20	.039	.512	1.339	2.362	1.496	-	1	1.86
C6 ER20X100	2.480	ER20	.039	.512	1.339	3.937	3.071	M12	1	2.39
C6 ER20X130	2.480	ER20	.039	.512	1.339	5.118	4.252	M12	1	2.79
C6 ER20X160	2.480	ER20	.039	.512	1.339	6.299	5.433	M12	1	3.24
C6 ER25X060	2.480	ER25	.039	.630	1.654	2.362	1.496	-	1	1.93
C6 ER25X100	2.480	ER25	.039	.630	1.654	3.937	3.071	M16	1	2.76
C6 ER25X130	2.480	ER25	.039	.630	1.654	5.118	4.252	M16	1	3.69
C6 ER25X160	2.480	ER25	.039	.630	1.654	6.299	5.433	M16	1	4.04
C6 ER32X060	2.480	ER32	.079	.787	1.968	2.362	1.417	-	1	1.90
C6 ER32X100	2.480	ER32	.079	.787	1.968	3.937	3.071	M22X1.5	1	3.04
C6 ER32X130	2.480	ER32	.079	.787	1.968	5.118	4.252	M22X1.5	1	3.86
C6 ER32X160	2.480	ER32	.079	.787	1.968	6.299	5.433	M22X1.5	1	4.86
C6 ER40X065	2.480	ER40	.118	1.024	2.480	2.559	1.457	-	1	2.06
C6 ER40X100	2.480	ER40	.118	1.024	2.480	3.937	3.071	M28X1.5	1	3.51
C6 ER40X130	2.480	ER40	.118	1.024	2.480	5.118	4.252	M28X1.5	1	4.80
C8 ER32X100	3.150	ER32	.079	.787	1.968	3.937	2.756	M22x1.5	1	4.85
C8 ER32X160	3.150	ER32	.079	.787	1.968	6.299	5.118	M22x1.5	1	6.79
C8 ER32X70	3.150	ER32	.079	.787	1.968	2.756	1.575	-	1	4.06
C8 ER40X100	3.150	ER40	.118	1.024	2.480	3.937	2.756	M28x1.5	1	1.89
C8 ER40X160	3.150	ER40	.118	1.024	2.480	6.299	5.118	M28x1.5	1	8.38
C8 ER40X70	3.150	ER40	.118	1.024	2.480	2.756	1.575	-	1	4.01

⁽¹⁾ Short adapter without gripper grooves: NOT for ATC.Cannot be used in CAMFIX modular system (Extension, Reduction etc.)

⁽²⁾ Minimum diameter

⁽³⁾ Maximum diameter

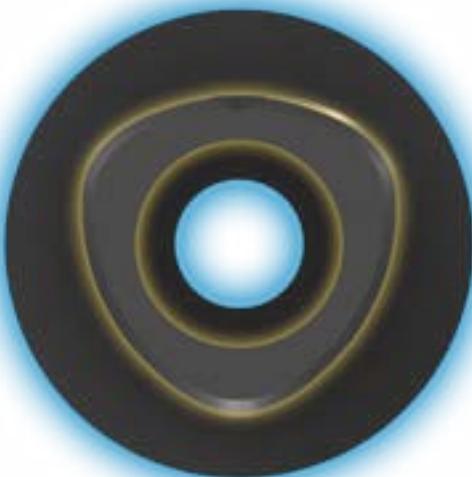
⁽⁴⁾ 1 - Slot for data chip, 0 - Without slot for data chip



Spare Parts

Designation						
C3 ER16X45	NUT ER16 TOP		WRENCH ER16*	COOLING TUBE C3*	WRENCH COOL TUBE C3*	
C3 ER20X45	NUT ER20 TOP		WRENCH ER20*	COOLING TUBE C3*	WRENCH COOL TUBE C3*	
C4 ER16X70	NUT ER16 TOP	PRESET ER-JET 10X1.5*	WRENCH ER16*	COOLING TUBE C4*	WRENCH COOL TUBE C4*	
C4 ER20X35	NUT ER20 TOP		WRENCH ER20*	COOLING TUBE C4*	WRENCH COOL TUBE C4*	
C4 ER20X52	NUT ER20 TOP		WRENCH ER20*	COOLING TUBE C4*	WRENCH COOL TUBE C4*	
C4 ER25X38	NUT ER25 TOP		WRENCH ER25*	COOLING TUBE C4*	WRENCH COOL TUBE C4*	
C4 ER25X52	NUT ER25 TOP		WRENCH ER25*	COOLING TUBE C4*	WRENCH COOL TUBE C4*	
C4 ER32X54	NUT ER32 TOP		WRENCH ER32*	COOLING TUBE C4*	WRENCH COOL TUBE C4*	
C5 ER16X100	NUT ER16 TOP	PRESET ER-JET 10X1.5*	WRENCH ER16*	COOLING TUBE C5*	WRENCH COOL TUBE C5*	
C5 ER16X130	NUT ER16 TOP	PRESET ER-JET 10X1.5*	WRENCH ER16*	COOLING TUBE C5*	WRENCH COOL TUBE C5*	
C5 ER20X055	NUT ER20 TOP		WRENCH ER20*	COOLING TUBE C5*	WRENCH COOL TUBE C5*	
C5 ER20X100	NUT ER20 TOP	PRESET ER-JET 12X1.75*	WRENCH ER20*	COOLING TUBE C5*	WRENCH COOL TUBE C5*	PRESET ER-JET 12X1.75L*
C5 ER20X130	NUT ER20 TOP	PRESET ER-JET 12X1.75*	WRENCH ER20*	COOLING TUBE C5*	WRENCH COOL TUBE C5*	PRESET ER-JET 12X1.75L*
C5 ER25X055	NUT ER25 TOP		WRENCH ER25*	COOLING TUBE C5*	WRENCH COOL TUBE C5*	
C5 ER25X100	NUT ER25 TOP	PRESET ER-JET 16X2*	WRENCH ER25*	COOLING TUBE C5*	WRENCH COOL TUBE C5*	PRESET ER-JET 16X2L*
C5 ER32X057	NUT ER32 TOP		WRENCH ER32*	COOLING TUBE C5*	WRENCH COOL TUBE C5*	
C5 ER32X100	NUT ER32 TOP	PRESET ER-JET 22X1.5*	WRENCH ER32*	COOLING TUBE C5*	WRENCH COOL TUBE C5*	PRESET ER-JET 22X1.5L*
C6 ER16X100	NUT ER16 TOP	PRESET ER-JET 10X1.5*	WRENCH ER16*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	
C6 ER16X130	NUT ER16 TOP	PRESET ER-JET 10X1.5*	WRENCH ER16*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	
C6 ER16X160	NUT ER16 TOP	PRESET ER-JET 10X1.5*	WRENCH ER16*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	
C6 ER20X060	NUT ER20 TOP		WRENCH ER20*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	
C6 ER20X100	NUT ER20 TOP	PRESET ER-JET 12X1.75*	WRENCH ER20*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	PRESET ER-JET 12X1.75L*
C6 ER20X130	NUT ER20 TOP	PRESET ER-JET 12X1.75*	WRENCH ER20*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	PRESET ER-JET 12X1.75L*
C6 ER20X160	NUT ER20 TOP	PRESET ER-JET 12X1.75*	WRENCH ER20*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	PRESET ER-JET 12X1.75L*
C6 ER25X060	NUT ER25 TOP		WRENCH ER25*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	
C6 ER25X100	NUT ER25 TOP	PRESET ER-JET 16X2*	WRENCH ER25*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	PRESET ER-JET 16X2L*
C6 ER25X130	NUT ER25 TOP	PRESET ER-JET 16X2*	WRENCH ER25*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	PRESET ER-JET 16X2L*
C6 ER25X160	NUT ER25 TOP	PRESET ER-JET 16X2*	WRENCH ER25*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	PRESET ER-JET 16X2L*
C6 ER32X060	NUT ER32 TOP		WRENCH ER32*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	
C6 ER32X100	NUT ER32 TOP	PRESET ER-JET 22X1.5*	WRENCH ER32*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	PRESET ER-JET 22X1.5L*
C6 ER32X130	NUT ER32 TOP	PRESET ER-JET 22X1.5*	WRENCH ER32*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	PRESET ER-JET 22X1.5L*
C6 ER32X160	NUT ER32 TOP	PRESET ER-JET 22X1.5*	WRENCH ER32*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	PRESET ER-JET 22X1.5L*
C6 ER40X065	NUT ER40 TOP		WRENCH ER40*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	
C6 ER40X100	NUT ER40 TOP	PRESET ER-JET 28X1.5*	WRENCH ER40*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	
C6 ER40X130	NUT ER40 TOP	PRESET ER-JET 28X1.5*	WRENCH ER40*	COOLING TUBE C6*	WRENCH COOL TUBE C6*	
C8 ER32X100	NUT ER32 TOP	PRESET ER-JET 22X1.5*	WRENCH ER32*	COOLING TUBE C8*	WRENCH COOL TUBE C8*	PRESET ER-JET 22X1.5L*
C8 ER32X160	NUT ER32 TOP	PRESET ER-JET 28X1.5*	WRENCH ER32*	COOLING TUBE C8*	WRENCH COOL TUBE C8*	
C8 ER32X70	NUT ER32 TOP		WRENCH ER32*	COOLING TUBE C8*	WRENCH COOL TUBE C8*	
C8 ER40X100	NUT ER40 TOP	PRESET ER-JET 28X1.5*	WRENCH ER40*	COOLING TUBE C8*	WRENCH COOL TUBE C8*	
C8 ER40X160	NUT ER40 TOP		WRENCH ER40*	COOLING TUBE C8*	WRENCH COOL TUBE C8*	
C8 ER40X70	NUT ER40 TOP		WRENCH ER40*	COOLING TUBE C8*	WRENCH COOL TUBE C8*	

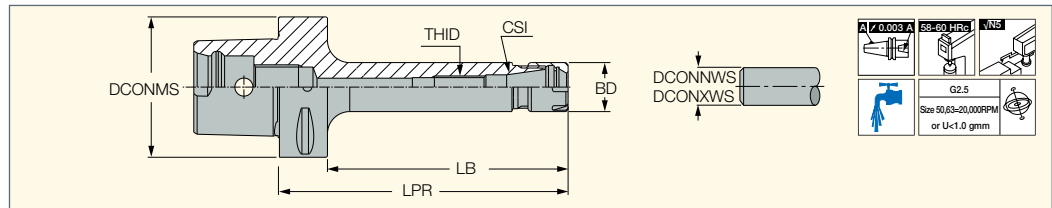
* Optional, to be ordered separately



CAMFIX

C#-ER-M

DIN 6499 ER Long Mini
Collet Chucks with CAMFIX
(ISO 26623-1 standard)
Exchangeable Tapered Shanks



M E T R I C

Designation	DCONMS	CSI	DCONWS ⁽¹⁾	DCONXWS ⁽²⁾	BD	LPR	LB	THID	DCP ⁽³⁾	kg
C4 ER16X70 M	40.00	ER16	0.5	10.0	22.00	70.00	50.0	M10	1	0.32
C5 ER16X100 M	50.00	ER16	0.5	10.0	22.00	100.00	80.0	M10	1	0.57
C5 ER16X130 M	50.00	ER16	0.5	10.0	22.00	130.00	110.0	M10	1	0.56
C6 ER16X100 M	63.00	ER16	0.5	10.0	22.00	100.00	78.0	M10	1	0.90
C6 ER16X130 M	63.00	ER16	0.5	10.0	22.00	130.00	108.0	M10	1	1.07
C6 ER16X160 M	63.00	ER16	0.5	10.0	22.00	160.00	138.0	M10	1	1.07

⁽¹⁾ Minimum diameter

⁽²⁾ Maximum diameter

⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

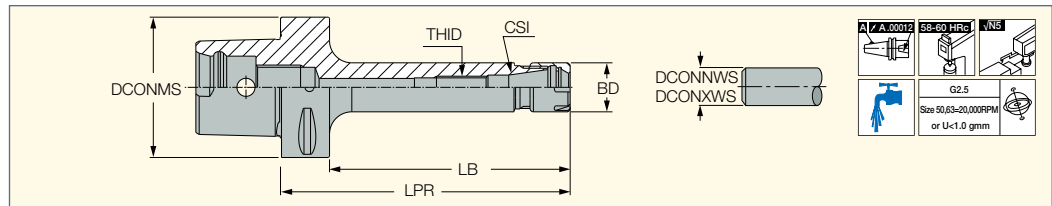
Designation				
C4 ER16X70 M	NUT ER16 MINI	COOLING TUBE C4*	WRENCH COOL TUBE C4*	WRENCH ER16 MINI*
C5 ER16X100 M	NUT ER16 MINI	COOLING TUBE C5*	WRENCH COOL TUBE C5*	WRENCH ER16 MINI*
C5 ER16X130 M	NUT ER16 MINI	COOLING TUBE C5*	WRENCH COOL TUBE C5*	WRENCH ER16 MINI*
C6 ER16X100 M	NUT ER16 MINI	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH ER16 MINI*
C6 ER16X130 M	NUT ER16 MINI	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH ER16 MINI*
C6 ER16X160 M	NUT ER16 MINI	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH ER16 MINI*

* Optional, to be ordered separately

CAMFIX

C#-ER-M

DIN 6499 ER Long Mini
Collet Chucks with CAMFIX
(ISO 26623-1 standard)
Exchangeable Tapered Shanks



I N C H

Designation	DCONMS	CSI	DCONWS ⁽¹⁾	DCONXWS ⁽²⁾	BD	LPR	LB	THID	DCP ⁽³⁾	Lbs
C4 ER16X70 M	1.575	ER16	.020	.394	.866	2.756	1.968	M10	1	.71
C5 ER16X100 M	1.968	ER16	.020	.394	.866	3.937	3.150	M10	1	1.27
C5 ER16X130 M	1.968	ER16	.020	.394	.866	5.118	4.331	M10	1	1.25
C6 ER16X100 M	2.480	ER16	.020	.394	.866	3.937	3.071	M10	1	1.98
C6 ER16X130 M	2.480	ER16	.020	.394	.866	5.118	4.252	M10	1	2.35
C6 ER16X160 M	2.480	ER16	.020	.394	.866	6.299	5.433	M10	1	2.35

⁽¹⁾ Minimum diameter

⁽²⁾ Maximum diameter

⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

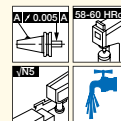
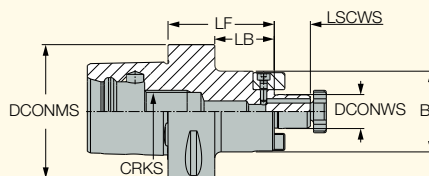
Spare Parts

Designation				
C4 ER16X70 M	NUT ER16 MINI	COOLING TUBE C4*	WRENCH COOL TUBE C4*	WRENCH ER16 MINI*
C5 ER16X100 M	NUT ER16 MINI	COOLING TUBE C5*	WRENCH COOL TUBE C5*	WRENCH ER16 MINI*
C5 ER16X130 M	NUT ER16 MINI	COOLING TUBE C5*	WRENCH COOL TUBE C5*	WRENCH ER16 MINI*
C6 ER16X100 M	NUT ER16 MINI	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH ER16 MINI*
C6 ER16X130 M	NUT ER16 MINI	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH ER16 MINI*
C6 ER16X160 M	NUT ER16 MINI	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH ER16 MINI*

* Optional, to be ordered separately

CAMFIX**C#-SEM-C**

ISO 3937 Shell Mill Holders
with Coolant Holes and
CAMFIX (ISO 26623-1)
Exchangeable Tapered Shanks



M E T R I C									
Designation	DCONMS	DCONWS	BD	LSCWS	LB	LF	CRKS	DCP ⁽¹⁾	kg
C3 SEM 16X30 C	32.00	16.00	38.00	17.00	13.0	30.00	M12	0	0.24
C4 SEM16X32 C	40.00	16.00	38.00	17.00	12.0	32.00	M14	1	0.36
C4 SEM16X55 C	40.00	16.00	38.00	17.00	35.0	55.00	M14	1	0.54
C4 SEM22X40 C	40.00	22.00	47.00	19.00	20.0	40.00	M14	1	0.52
C4 SEM22X55 C	40.00	22.00	47.00	19.00	33.0	55.00	M14	1	0.80
C5 SEM16X35 C	50.00	16.00	38.00	17.00	15.0	35.00	M16	1	0.57
C5 SEM16X70 C	50.00	16.00	38.00	17.00	50.0	70.00	M16	1	0.85
C5 SEM22X35 C	50.00	22.00	47.00	19.00	15.0	35.00	M16	1	0.75
C5 SEM22X70 C	50.00	22.00	47.00	19.00	50.0	70.00	M16	1	1.09
C5 SEM27X40 C	50.00	27.00	58.00	21.00	20.0	40.00	M16	1	0.85
C5 SEM32X40 C	50.00	32.00	63.00	24.00	20.0	40.00	M16	1	0.93
C6 SEM16X100 C	63.00	16.00	38.00	17.00	78.0	100.00	M20	1	1.41
C6 SEM16X50 C	63.00	16.00	38.00	17.00	28.0	50.00	M20	1	1.00
C6 SEM22X100 C	63.00	22.00	47.00	19.00	78.0	100.00	M20	1	1.81
C6 SEM22X50 C	63.00	22.00	47.00	19.00	28.0	50.00	M20	1	1.15
C6 SEM27X100 C	63.00	27.00	58.00	21.00	78.0	100.00	M20	1	2.33
C6 SEM27X60 C	63.00	27.00	58.00	21.00	37.0	60.00	M20	1	1.52
C6 SEM32X60 C	63.00	32.00	66.00	24.00	37.0	60.00	M16	1	1.79
C6 SEM40X60 C	63.00	40.00	82.00	27.00	37.0	60.00	M20	1	2.34
C8 SEM16X100C	80.00	16.00	38.00	17.00	70.0	100.00	M20	1	2.32
C8 SEM16X50 C	80.00	16.00	38.00	17.00	20.0	50.00	M20	1	1.90
C8 SEM22X100C	80.00	22.00	47.00	19.00	70.0	100.00	M20	1	2.88
C8 SEM22X50 C	80.00	22.00	47.00	19.00	20.0	50.00	M20	1	2.01
C8 SEM27X100C	80.00	27.00	58.00	21.00	70.0	100.00	M20	1	3.14
C8 SEM27X50 C	80.00	27.00	58.00	21.00	20.0	50.00	M20	1	2.18
C8 SEM32X100C	80.00	32.00	66.00	24.00	70.0	100.00	M16	1	3.56
C8 SEM32X50 C	80.00	32.00	66.00	24.00	20.0	50.00	M16	1	2.28
C8 SEM32X78X100C	80.00	32.00	78.00	24.00	70.0	100.00	M20	1	4.50
C8 SEM32X78X50C	80.00	32.00	78.00	24.00	20.0	50.00	M20	1	2.20
C8 SEM40X60 C	80.00	40.00	82.00	27.00	30.0	60.00	M20	1	2.99

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

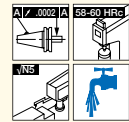
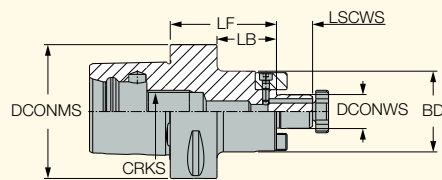
Designation							
C3 SEM 16X30 C	M8 CLAMP SCREW SEM16	DR.DOG 8S	SR M3X10DIN912	WRENCH M8 SEMC16*	HW 2.5*	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C4 SEM16X32 C	M8 CLAMP SCREW SEM16	DR.DOG 8S	SR M3X10DIN912	WRENCH M8 SEMC16*	HW 2.5*	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C4 SEM16X55 C	M8 CLAMP SCREW SEM16	DR.DOG 8S	SR M3X10DIN912	WRENCH M8 SEMC16*	HW 2.5*	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C4 SEM22X40 C	M10 CLAMP SCREW SEM22	DR.DOG 10S	SR M4X10DIN912	WRENCH M10 SEMC 22*	HW 3.0*	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C4 SEM22X55 C	M10 CLAMP SCREW SEM22	DR.DOG 10S	SR M4X10DIN912	WRENCH M10 SEMC 22*	HW 3.0*	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C5 SEM16X35 C	M8 CLAMP SCREW SEM16	DR.DOG 8S	SR M3X10DIN912	WRENCH M8 SEMC16*	HW 2.5*	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 SEM16X70 C	M8 CLAMP SCREW SEM16	DR.DOG 8S	SR M3X10DIN912	WRENCH M8 SEMC16*	HW 2.5*	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 SEM22X35 C	M10 CLAMP SCREW SEM22	DR.DOG 10S	SR M4X10DIN912	WRENCH M10 SEMC 22*	HW 3.0*	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 SEM22X70 C	M10 CLAMP SCREW SEM22	DR.DOG 10S	SR M4X10DIN912	WRENCH M10 SEMC 22*	HW 3.0*	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 SEM27X40 C	M12 CLAMP SCREW SEM27	DR.DOG 12S	SR M5X14DIN912	WRENCH M12 SEMC 27*	HW 4.0*	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 SEM32X40 C	M16 CLAMP SCREW SEM32	DR.DOG 14X13S	SR M5X14DIN912	WRENCH M16 SEMC 32*	HW 4.0*	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C6 SEM16X100 C	M8 CLAMP SCREW SEM16	DR.DOG 8S	SR M3X10DIN912	WRENCH M8 SEMC16*	HW 2.5*	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SEM16X50 C	M8 CLAMP SCREW SEM16	DR.DOG 8S	SR M3X10DIN912	WRENCH M8 SEMC16*	HW 2.5*	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SEM22X100 C	M10 CLAMP SCREW SEM22	DR.DOG 10S	SR M4X10DIN912	WRENCH M10 SEMC 22*	HW 2.5*	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SEM22X50 C	M10 CLAMP SCREW SEM22	DR.DOG 10S	SR M4X10DIN912	WRENCH M10 SEMC 22*	HW 3.0*	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SEM27X100 C	M12 CLAMP SCREW SEM27	DR.DOG 12S	SR M5X14DIN912	WRENCH M12 SEMC 27*	HW 4.0*	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SEM27X60 C	M12 CLAMP SCREW SEM27	DR.DOG 12S	SR M5X14DIN912	WRENCH M12 SEMC 27*	HW 4.0*	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SEM32X60 C	M16 CLAMP SCREW SEM32	DR.DOG 14X13S	SR M5X14DIN912	WRENCH M16 SEMC 32*	HW 4.0*	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SEM40X60 C	M20 CLAMP SCREW SEM40	DR.DOG 16X18S	SR M6X20 DIN912	WRENCH M20 SEMC 40*	HW 5.0*	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C8 SEM16X100C	M8 CLAMP SCREW SEM16	DR.DOG 8S	SR M3X10DIN912	WRENCH M8 SEMC16*	HW 2.5*	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SEM16X50 C	M8 CLAMP SCREW SEM16	DR.DOG 8S	SR M3X10DIN912	WRENCH M8 SEMC16*	HW 2.5*	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SEM22X100C	M10 CLAMP SCREW SEM22	DR.DOG 10S	SR M4X10DIN912	WRENCH M10 SEMC 22*	HW 3.0*	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SEM22X50 C	M10 CLAMP SCREW SEM22	DR.DOG 10S	SR M4X10DIN912	WRENCH M10 SEMC 22*	HW 3.0*	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SEM27X100C	M12 CLAMP SCREW SEM27	DR.DOG 12S	SR M5X12 DIN912*	SR M5X14DIN912	HW 4.0*	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SEM27X50 C	M12 CLAMP SCREW SEM27	DR.DOG 12S	SR M5X14DIN912	WRENCH M12 SEMC 27*	HW 4.0*	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SEM32X100C	M16 CLAMP SCREW SEM32	DR.DOG 14X13S	SR M5X14DIN912	WRENCH M16 SEMC 32*	HW 4.0*	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SEM32X50 C	M16 CLAMP SCREW SEM32	DR.DOG 14X13S	SR M5X14DIN912	WRENCH M16 SEMC 32*	HW 4.0*	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SEM32X78X100C	M16 CLAMP SCREW SEM32	DR.DOG 14X13S	SR M5X14DIN912	WRENCH M16 SEMC 32*	HW 4.0*	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SEM32X78X50C	M16 CLAMP SCREW SEM32	DR.DOG 14X13S	SR M5X14DIN912	WRENCH M16 SEMC 32*	HW 4.0*	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SEM40X60 C	M20 CLAMP SCREW SEM40	DR.DOG 16X18S	SR M6X20 DIN912	WRENCH M20 SEMC 40*	HW 5.0*	COOLING TUBE C8*	WRENCH COOL TUBE C8*

* Optional, to be ordered separately

CAMFIX

C#-SEM-C

ISO 3937 Shell Mill Holders with
CAMFIX (ISO 26623-1 standard)
Exchangeable Tapered Shanks



I N C H									
Designation	DCONMS	DCONWS	BD	LF	LSCWS	LB	CRKS	DCP ⁽¹⁾	
C6 SEM3/4X1.377 C	2.480	.750	1.772	1.377	.669	.512	M20	1	2.01
C6 SEM3/4X3.937 C	2.480	.750	1.772	3.937	.669	3.071	M20	1	3.73
C6 SEM1X1.457 C	2.480	1.000	2.165	1.457	.669	.590	M20	1	2.29
C6 SEM1X3.937 C	2.480	1.000	2.165	3.937	.669	3.071	M20	1	4.76
C6 SEM1-1/4X2.362 C	2.480	1.250	2.752	2.362	.669	1.496	M20	1	4.26
C6 SEM1-1/2X2.362 C	2.480	1.500	3.070	2.362	.937	1.496	M20	1	4.76

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

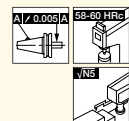
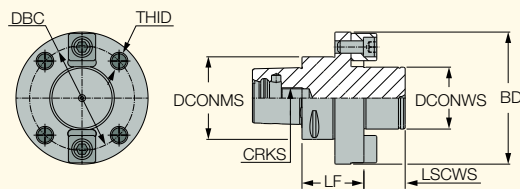
Designation					
C6 SEM3/4X1.377 C	SCREW 3/8-24 SEM 3/4"	DR.DOG 3/4"S	SR UNF 5-44X3/8"	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SEM3/4X3.937 C	SCREW 3/8-24 SEM 3/4"	DR.DOG 3/4"S	SR UNF 5-44X3/8"	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SEM1X1.457 C	SCREW 1/2-20X7/8 SEM 1"	DR.DOG 1"S	SR UNF 8-36X1/2	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SEM1X3.937 C	SCREW 1/2-20X7/8 SEM 1"	DR.DOG 1"S	SR UNF 8-36X1/2	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SEM1-1/4X2.362 C	SCREW 5/8-18X1 SEM 1-1/4	DR.DOG 1/2"S	SR UNF 8-36X1/2	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SEM1-1/2X2.362 C	SCREW 3/4-16 SEM 1-1/2	DR.DOG 5/8"S	SR UNF 10-32X7/8	COOLING TUBE C6*	WRENCH COOL TUBE C6*

* Optional, to be ordered separately

CAMFIX

C#-FM

DIN 6357 Face Mill Holders with
CAMFIX (ISO 26623-1)
Tapered Shanks



M E T R I C									
Designation	DCONMS	DCONWS	LSCWS	LF	BD	DBC	THID	CRKS	DCP ⁽¹⁾
C8 FM 60X60	80.00	60.00	40.00	60.00	128.00	101.60	M16	M20	1

• Peripheral clamping screws are not supplied.

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

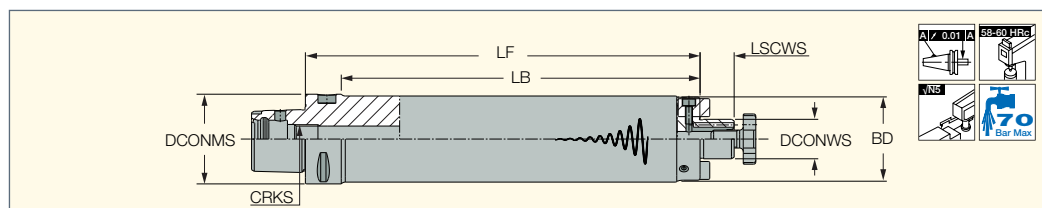
Spare Parts

Designation					
C8 FM 60X60	COOLING TUBE C8*	WRENCH COOL TUBE C8*	SR M16X50 DIN912	DR. DOG 1E	SR M12X25 DIN 912

* Optional, to be ordered separately

CAMFIX**WHISPERLINE****AV C#-SEM**

Anti-Vibration Shell Mill Holders
with Coolant Holes and CAMFIX
(ISO 26623-1) Shanks

**M E T R I C**

Designation	DCONMS	DCONWS	BD	LSCWS	LB	LF	CRKS	DCP ⁽¹⁾	kg
AV C5 SEM22 48X220	50.00	22.00	48.00	19.00	200.0	220.00	M16	1	3.80
AV C5 SEM22 48X270	50.00	22.00	48.00	19.00	250.0	270.00	M16	1	4.70
AV C6 SEM22 48X270	63.00	22.00	48.00	19.00	248.0	270.00	M20	1	4.60
AV C6 SEM22 61X260	63.00	22.00	61.00	19.00	238.0	260.00	M20	1	7.50
AV C6 SEM22 61X310	63.00	22.00	61.00	19.00	288.0	310.00	M20	1	8.70
AV C6 SEM27 61X250	63.00	27.00	61.00	21.00	228.0	250.00	M20	1	7.40
AV C6 SEM27 61X300	63.00	27.00	61.00	21.00	278.0	300.00	M20	1	8.50

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

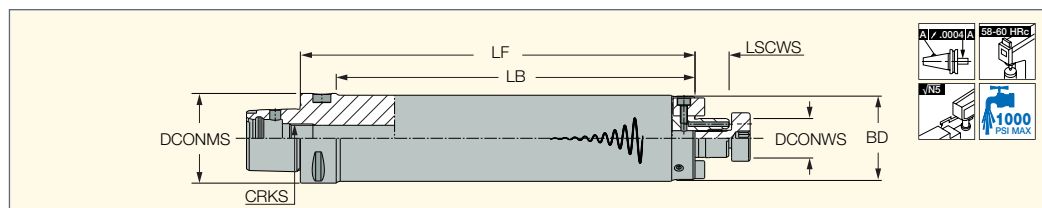
Spare Parts

Designation						
AV C5 SEM22 48X220	SR M4X10DIN912	DR.DOG 10S	M10 CLAMP SCREW SEM22	COOLING TUBE C5*	WRENCH COOL TUBE C5*	WRENCH M10 SEMC 22*
AV C5 SEM22 48X270	SR M4X10DIN912	DR.DOG 10S	M10 CLAMP SCREW SEM22	COOLING TUBE C5*	WRENCH COOL TUBE C5*	WRENCH M10 SEMC 22*
AV C6 SEM22 48X270	SR M4X10DIN912	DR.DOG 10S	M10 CLAMP SCREW SEM22	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH M10 SEMC 22*
AV C6 SEM22 61X260	SR M4X10DIN912	DR.DOG 10S	M10 CLAMP SCREW SEM22	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH M10 SEMC 22*
AV C6 SEM22 61X310	SR M4X10DIN912	DR.DOG 10S	M10 CLAMP SCREW SEM22	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH M12 SEMC 27*
AV C6 SEM27 61X250	SR M5X14DIN912	DR.DOG 12S	M12 CLAMP SCREW SEM27	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH M12 SEMC 27*
AV C6 SEM27 61X300	SR M5X14DIN912	DR.DOG 12S	M12 CLAMP SCREW SEM27	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH M12 SEMC 27*

* Optional, to be ordered separately

CAMFIX**WHISPERLINE****AV C#-SEM**

Anti-Vibration Shell Mill Holders
with Coolant Holes and CAMFIX
(ISO 26623-1) Shanks

**I N C H**

Designation	DCONMS	DCONWS	BD	LSCWS	LB	LF	CRKS	DCP ⁽¹⁾	Lbs
AV C5 SEM 3/4 1.89X8.66	1.960	.750	1.890	.669	7.870	8.660	M16	1	8.16
AV C5 SEM 3/4 1.89X10.63	1.960	.750	1.890	.669	9.840	10.630	M16	1	9.70
AV C6 SEM 3/4 2.4X10.24	2.480	.750	2.400	.669	9.370	10.240	M20	1	16.32
AV C6 SEM 3/4 2.4X12.20	2.480	.750	2.400	.669	11.330	12.200	M20	1	18.52
AV C6 SEM 1.0 2.4X9.86	2.480	1.000	2.400	.669	8.970	9.840	M20	1	15.88
AV C6 SEM 1.0 2.4X11.83	2.480	1.000	2.400	.669	10.940	11.810	M21	1	18.30

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

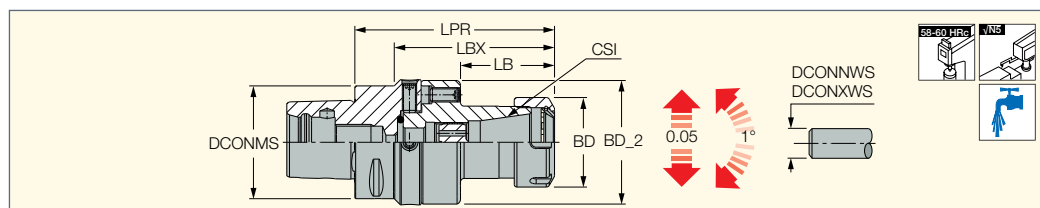
Spare Parts

Designation			
AV C5 SEM 3/4 1.89X8.66	SR UNF 5-44X3/8"	DR.DOG 3/4"S	SCREW 3/8-24 SEM 3/4"
AV C5 SEM 3/4 1.89X10.63	SR UNF 5-44X3/8"	DR.DOG 3/4"S	SCREW 3/8-24 SEM 3/4"
AV C6 SEM 3/4 2.4X10.24	SR UNF 5-44X3/8"	DR.DOG 3/4"S	SCREW 3/8-24 SEM 3/4"
AV C6 SEM 3/4 2.4X12.20	SR UNF 5-44X3/8"	DR.DOG 3/4"S	SCREW 3/8-24 SEM 3/4"
AV C6 SEM 1.0 2.4X9.86	SR UNF 8-36X1/2	DR.DOG 1"S	SCREW 1/2-20X7/8 SEM 1"
AV C6 SEM 1.0 2.4X11.83	SR UNF 8-36X1/2	DR.DOG 1"S	SCREW 1/2-20X7/8 SEM 1"

CAMFIX FINEFIT

ADJ C#-ER

FINEFIT Center Alignment
Shank and Base with CAMFIX
Adaptations for Specially
Tailored Toolholders



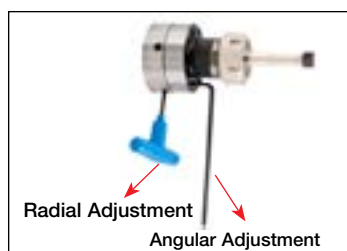
M E T R I C											
Designation	DCONMS	CSI	DCONNWS ⁽¹⁾	DCONXWS ⁽²⁾	BD_2	BD	LPR	LBX	LB	DCP ⁽³⁾	kg
ADJ C4 ER32	40.00	ER32	2.0	20.0	70.00	50.00	110.00	89.5	52.50	1	1.58
ADJ C5 ER32	50.00	ER32	2.0	20.0	70.00	50.00	115.00	95.0	52.50	1	2.12
ADJ C6 ER32	63.00	ER32	2.0	20.0	70.00	50.00	111.50	89.5	52.50	1	2.07

• Radial adjustment 0.05 mm, Angular adjustment 1°

⁽¹⁾ Minimum diameter

⁽²⁾ Maximum diameter

⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip



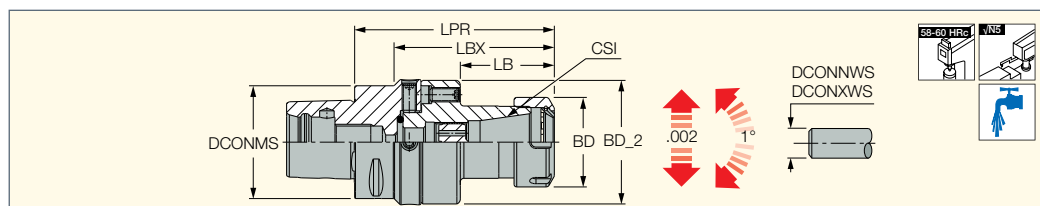
Spare Parts

Designation	
ADJ C#-ER	ADJ ER32 NOSE

CAMFIX FINEFIT

ADJ C#-ER

FINEFIT Center Alignment
Shank and Base with CAMFIX
Adaptations for Specially
Tailored Toolholders



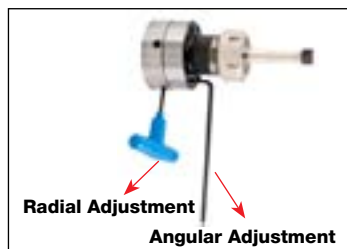
I N C H											
Designation	DCONMS	CSI	DCONNWS ⁽¹⁾	DCONXWS ⁽²⁾	BD_2	BD	LPR	LBX	LB	DCP ⁽³⁾	Lbs
ADJ C4 ER32	1.575	ER32	.079	.787	2.756	1.968	4.331	3.524	2.067	1	3.48
ADJ C5 ER32	1.968	ER32	.079	.787	2.756	1.968	4.528	3.740	2.067	1	4.67
ADJ C6 ER32	2.480	ER32	.079	.787	2.756	1.968	4.390	3.524	2.067	1	4.56

• Radial adjustment .002", Angular adjustment 1°

⁽¹⁾ Minimum diameter

⁽²⁾ Maximum diameter

⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip



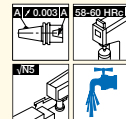
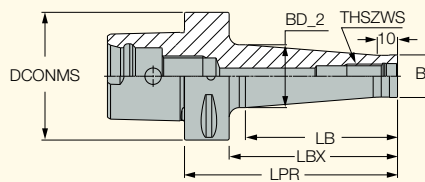
Spare Parts

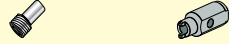
Designation	
ADJ C#-ER	ADJ ER32 NOSE

CAMFIX FLEXFIT

C#-ODP (FLEX-FIT)

FLEX-FIT Threaded Connection
Shanks with CAMFIX
(ISO 26623-1) Adaptation



M E T R I C											
Designation	DCONMS	THSZWS	BD	BD_2	LPR	LBX	LB	DCP ⁽¹⁾	CSP ⁽²⁾		
C3 ODP 12X53	32.00	M12	21.00	26.00	53.00	38.0	23.00	0	1	0.32	
C4 ODP 10X53	40.00	M10	18.00	23.00	53.00	33.0	23.00	1	1	0.33	COOLING TUBE C4* WRENCH COOL TUBE C4*
C4 ODP 12X53	40.00	M12	21.00	26.00	53.00	33.0	23.00	1	1	0.33	COOLING TUBE C4* WRENCH COOL TUBE C4*
C4 ODP 16X53	40.00	M16	29.00	34.00	53.00	33.0	23.00	1	1	0.40	COOLING TUBE C4* WRENCH COOL TUBE C4*
C5 ODP 10X53	50.00	M10	18.00	19.50	53.00	33.0	25.00	1	1	0.49	COOLING TUBE C5* WRENCH COOL TUBE C5*
C5 ODP 12X103	50.00	M12	21.00	31.00	103.00	83.0	75.00	1	1	0.72	COOLING TUBE C5* WRENCH COOL TUBE C5*
C5 ODP 12X53	50.00	M12	21.00	23.50	53.00	33.0	25.00	1	1	0.50	COOLING TUBE C5* WRENCH COOL TUBE C5*
C5 ODP 16X103	50.00	M16	29.00	36.00	103.00	83.0	75.00	1	1	0.85	COOLING TUBE C5* WRENCH COOL TUBE C5*
C5 ODP 16X53	50.00	M16	29.00	34.00	53.00	33.0	25.00	1	1	0.57	COOLING TUBE C5* WRENCH COOL TUBE C5*
C6 ODP 10X105	63.00	M10	18.00	28.00	105.00	83.0	75.00	1	1	1.00	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 ODP 10X130	63.00	M10	18.00	32.00	130.00	108.0	100.00	1	1	0.80	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 ODP 10X55	63.00	M10	18.00	19.50	55.00	33.0	25.00	1	1	0.82	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 ODP 12X105	63.00	M12	21.00	31.00	105.00	83.0	75.00	1	1	1.07	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 ODP 12X130	63.00	M12	21.00	36.00	130.00	108.0	100.00	1	1	1.26	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 ODP 12X55	63.00	M12	21.00	23.50	55.00	33.0	25.00	1	1	0.84	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 ODP 16X105	63.00	M16	29.00	34.00	105.00	83.0	75.00	1	1	1.20	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 ODP 16X130	63.00	M16	29.00	41.00	130.00	108.0	100.00	1	1	1.49	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 ODP 16X55	63.00	M16	29.00	34.00	55.00	33.0	25.00	1	1	0.89	COOLING TUBE C6* WRENCH COOL TUBE C6*

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

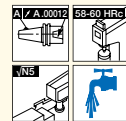
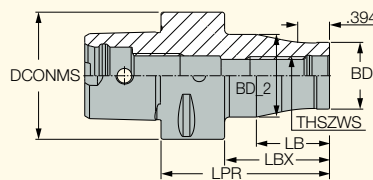
⁽²⁾ 0 - Without coolant supply, 1 - With coolant supply

* Optional, to be ordered separately

CAMFIX FLEXFIT

C#-ODP (FLEX-FIT)

FLEX-FIT Threaded Connection
Shanks with CAMFIX
(ISO 26623-1) Adaptation



I N C H											
Designation	DCONMS	THSZWS	BD	BD_2	LPR	LBX	LB	DCP ⁽¹⁾	CSP ⁽²⁾		
C3 ODP 12X53	1.260	M12	.827	1.024	2.087	1.496	.906	0	1	.71	
C4 ODP 10X53	1.575	M10	.709	.906	2.087	1.299	.906	1	1	.74	COOLING TUBE C4* WRENCH COOL TUBE C4*
C4 ODP 12X53	1.575	M12	.827	1.024	2.087	1.299	.906	1	1	.74	COOLING TUBE C4* WRENCH COOL TUBE C4*
C4 ODP 16X53	1.575	M16	1.142	1.339	2.087	1.299	.906	1	1	.89	COOLING TUBE C4* WRENCH COOL TUBE C4*
C5 ODP 10X53	1.968	M10	.709	.768	2.087	1.299	.984	1	1	1.07	COOLING TUBE C5* WRENCH COOL TUBE C5*
C5 ODP 12X103	1.968	M12	.827	1.220	4.055	3.268	2.953	1	1	1.59	COOLING TUBE C5* WRENCH COOL TUBE C5*
C5 ODP 12X53	1.968	M12	.827	.925	2.087	1.299	.984	1	1	1.10	COOLING TUBE C5* WRENCH COOL TUBE C5*
C5 ODP 16X103	1.968	M16	1.142	1.417	4.055	3.268	2.953	1	1	1.88	COOLING TUBE C5* WRENCH COOL TUBE C5*
C5 ODP 16X53	1.968	M16	1.142	1.339	2.087	1.299	.984	1	1	1.27	COOLING TUBE C5* WRENCH COOL TUBE C5*
C6 ODP 10X105	2.480	M10	.709	1.102	4.134	3.268	2.953	1	1	2.21	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 ODP 10X130	2.480	M10	.709	1.260	5.118	4.252	3.937	1	1	1.76	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 ODP 10X55	2.480	M10	.709	.768	2.165	1.299	.984	1	1	1.82	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 ODP 12X105	2.480	M12	.827	1.220	4.134	3.268	2.953	1	1	2.35	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 ODP 12X130	2.480	M12	.827	1.417	5.118	4.252	3.937	1	1	2.78	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 ODP 12X55	2.480	M12	.827	.925	2.165	1.299	.984	1	1	1.85	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 ODP 16X105	2.480	M16	1.142	1.339	4.134	3.268	2.953	1	1	2.65	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 ODP 16X130	2.480	M16	1.142	1.614	5.118	4.252	3.937	1	1	3.29	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 ODP 16X55	2.480	M16	1.142	1.339	2.165	1.299	.984	1	1	1.97	COOLING TUBE C6* WRENCH COOL TUBE C6*

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

⁽²⁾ 0 - Without coolant supply, 1 - With coolant supply

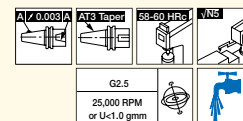
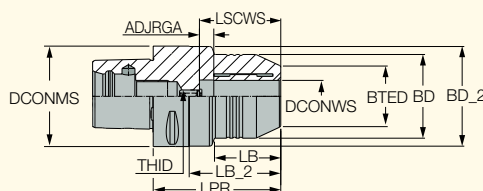
* Optional, to be ordered separately



CAMFIX HYDROFIT

C#-HYDRO HD

Hydraulic Chucks with
CAMFIX Shanks



M E T R I C													
Designation	DCONMS	DCONWS	BTED	BD	BD_2	LB	LB_2	LPR	ADJRGA	LSCWS	THID	DCP ⁽¹⁾	kg
C4 HYDRO 12X65 HD	40.00	12.00	32.00	-	39.50	-	44.00	65.00	10.00	46.00	M8X1	0	0.66
C4 HYDRO 20X83 HD	40.00	20.00	38.00	-	45.50	-	62.40	83.00	10.00	51.00	M8X1	0	0.67
C5 HYDRO 12X70 HD	50.00	12.00	32.00	42.00	49.50	33.00	50.00	70.00	10.00	46.00	M8X1	0	1.44
C5 HYDRO 20X75 HD	50.00	20.00	38.00	-	49.50	-	54.00	75.00	10.00	51.00	M8X1	0	1.44
C6 HYDRO 12X75 HD	63.00	12.00	32.00	42.00	62.50	33.00	53.00	75.00	10.00	51.00	M8X1	0	1.44
C6 HYDRO 20X80 HD	63.00	20.00	38.00	53.00	62.50	41.00	57.40	80.00	10.00	51.00	M8X1	0	1.59
C6 HYDRO 20X120 HD	63.00	20.00	38.00	52.50	62.50	41.00	97.40	120.00	10.00	51.00	M8X1	0	2.51
C6 HYDRO 32X90 HD	63.00	32.00	58.50	-	62.50	-	67.00	90.00	10.00	61.00	M8X1	0	1.94

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

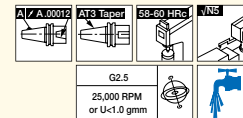
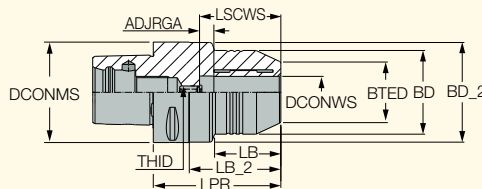
Designation			
C4 HYDRO 12X65 HD	COOLING TUBE C4*	WRENCH COOL TUBE C4*	ALLEN KEY SW5X100*
C4 HYDRO 20X83 HD	COOLING TUBE C4*	WRENCH COOL TUBE C4*	ALLEN KEY SW5X100*
C5 HYDRO 12X70 HD	COOLING TUBE C5*	WRENCH COOL TUBE C5*	ALLEN KEY SW5X100*
C5 HYDRO 20X75 HD	COOLING TUBE C5*	WRENCH COOL TUBE C5*	ALLEN KEY SW5X100*
C6 HYDRO 12X75 HD	COOLING TUBE C6*	WRENCH COOL TUBE C6*	ALLEN KEY SW5X100*
C6 HYDRO 20X80 HD	COOLING TUBE C6*	WRENCH COOL TUBE C6*	ALLEN KEY SW5X100*
C6 HYDRO 20X120 HD	COOLING TUBE C6*	WRENCH COOL TUBE C6*	ALLEN KEY SW5X100*
C6 HYDRO 32X90 HD	COOLING TUBE C6*	WRENCH COOL TUBE C6*	ALLEN KEY SW5X100*

* Optional, to be ordered separately

CAMFIX HYDROFIT

C#-HYDRO HD

Hydraulic Chucks with
CAMFIX Shanks



I N C H												
Designation	DCONMS	DCONWS	BTED	BD	BD_2	LB	LB_2	LPR	ADJRGA	LSCWS	THID	
C4 HYDRO 1/2X2.56 HD	1.574	.5000	1.259	-	1.5550	-	1.732	2.559	.393	1.8110	M8X1	1.45
C4 HYDRO 3/4X3.268 HD	1.574	.7500	1.535	-	1.7910	-	2.456	3.267	.393	2.0070	M8X1	1.47
C5 HYDRO 1/2X2.756 HD	1.968	.5000	1.299	1.6530	1.9480	1.259	2.086	2.755	.393	1.8110	M8X1	3.18
C5 HYDRO 3/4X2.953 HD	1.968	.7500	1.496	-	1.9480	-	2.125	2.952	.393	2.0070	M8X1	3.18
C6 HYDRO 3/4X3.15 HD	2.480	.7500	1.496	2.0660	2.4600	1.614	2.259	3.149	.393	2.0070	M8X1	3.50

Spare Parts

Designation			
C4 HYDRO 1/2X2.56 HD	COOLING TUBE C4*	WRENCH COOL TUBE C4*	ALLEN KEY SW5X100*
C4 HYDRO 3/4X3.268 HD	COOLING TUBE C4*	WRENCH COOL TUBE C4*	ALLEN KEY SW5X100*
C5 HYDRO 1/2X2.756 HD	COOLING TUBE C5*	WRENCH COOL TUBE C5*	ALLEN KEY SW5X100*
C5 HYDRO 3/4X2.953 HD	COOLING TUBE C5*	WRENCH COOL TUBE C5*	ALLEN KEY SW5X100*
C6 HYDRO 3/4X3.15 HD	COOLING TUBE C6*	WRENCH COOL TUBE C6*	ALLEN KEY SW5X100*

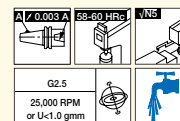
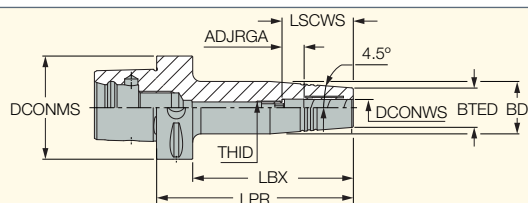
* Optional, to be ordered separately



CAMFIX HYDROFIT

C#-HYDRO SF

Slim Design, Hydraulic Chucks with CAMFIX Shanks



M E T R I C											
Designation	DCONMS	DCONWS	BTED	BD	LBX	LPR	ADJRGA	LSCWS	THID	DCP ⁽¹⁾	
C6 HYDRO 6X120 SF	63.00	6.00	21.00	27.00	98.00	120.00	10.00	36.00	M5	0	1.17
C6 HYDRO 6X80 SF	63.00	6.00	21.00	27.00	58.00	80.00	10.00	36.00	M5	0	1.00
C6 HYDRO 8X120 SF	63.00	8.00	21.00	27.00	98.00	120.00	10.00	36.00	M6	0	1.17
C6 HYDRO 8X80 SF	63.00	8.00	21.00	27.00	58.00	80.00	10.00	36.00	M6	0	1.00
C6 HYDRO 10X120 SF	63.00	10.00	24.00	32.00	98.00	120.00	10.00	42.00	M8x1	0	1.28
C6 HYDRO 10X80 SF	63.00	10.00	24.00	32.00	58.00	80.00	10.00	42.00	M8x1	0	1.04
C6 HYDRO 12X120 SF	63.00	12.00	24.00	32.00	98.00	120.00	10.00	47.00	M10x1	0	1.26
C6 HYDRO 16X120 SF	63.00	16.00	27.00	34.00	98.00	120.00	10.00	50.00	M12x1	0	1.30
C6 HYDRO 16X85 SF	63.00	16.00	27.00	34.00	63.00	85.00	10.00	50.00	M12x1	0	1.08
C6 HYDRO 20X85 SF	63.00	20.00	33.00	42.00	63.00	85.00	10.00	52.00	M16x1	0	1.20

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation			
C#-HYDRO SF	COOLING TUBE C6*	WRENCH COOL TUBE C6*	ALLEN KEY SW5X100*

* Optional, to be ordered separately



FRONT VIEW

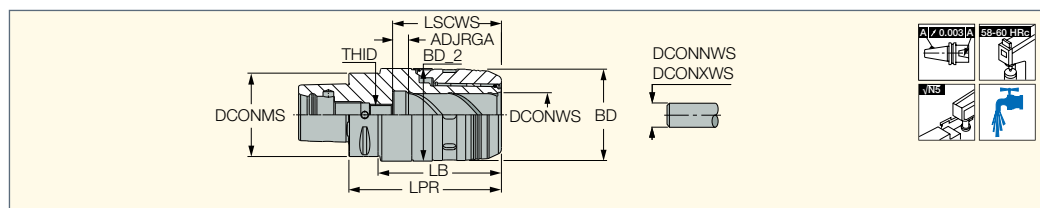


BACK VIEW

CAMFIX MAXIN

C#-MAXIN

MAXIN Power Chucks with
CAMFIX (ISO 26623-1 standard)
Exchangeable Shanks



M E T R I C											
Designation	DCONMS	DCONNWS ⁽¹⁾	DCONXWS ⁽²⁾	BD	BD_2	LPR	LB	ADJRGA	LSCWS	THID	DCP ⁽³⁾
C5 MAXIN 20X100	50.00	6.0	20.0	51.00	53.00	96.00	75.0	12.00	67.0	M16	1
C6 MAXIN20X95	63.00	6.0	20.0	51.00	53.00	96.00	73.0	12.00	67.0	M16	1
C6 MAXIN32X115	63.00	6.0	32.0	69.00	70.00	115.00	93.0	12.00	82.0	M16	1
C8 MAXIN20X95	80.00	6.0	20.0	51.00	53.00	96.00	65.0	12.00	67.0	M16	1
C8 MAXIN32X115	80.00	6.0	32.0	69.00	70.00	115.00	85.0	12.00	82.0	M16	1

- Can be used for carbide and HSS tools
- The adjustment screw has an internal coolant hole
- Use of DCONXWS diameter tools provides best performance, as collets reduce the gripping force.

⁽¹⁾ Minimum diameter by using a reduction collet

⁽²⁾ Maximum diameter by using a reduction collet

⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

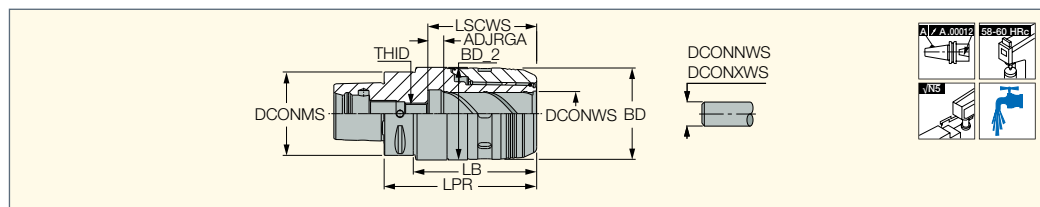
Designation				
C5 MAXIN 20X100	COOLING TUBE C5*	WRENCH COOL TUBE C5*	WRENCH MAXIN 20 HOOK*	EXTRACTOR SC COLLETS*
C6 MAXIN20X95	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH MAXIN 20 HOOK*	EXTRACTOR SC COLLETS*
C6 MAXIN32X115	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH MAXIN 32 HOOK*	EXTRACTOR SC COLLETS*
C8 MAXIN20X95	COOLING TUBE C8*	WRENCH COOL TUBE C8*	WRENCH MAXIN 20 HOOK*	EXTRACTOR SC COLLETS*
C8 MAXIN32X115	COOLING TUBE C8*	WRENCH COOL TUBE C8*	WRENCH MAXIN 32 HOOK*	EXTRACTOR SC COLLETS*

* Optional, to be ordered separately

CAMFIX MAXIN

C#-MAXIN

MAXIN Power Chucks with
CAMFIX (ISO 26623-1 standard)
Exchangeable, Tapered Shanks



I N C H											
Designation	DCONMS	DCONNWS ⁽¹⁾	DCONXWS ⁽²⁾	BD	BD_2	LPR	LB	ADJRGA	LSCWS	THID	DCP ⁽³⁾
C6 MAXIN3/4X3.74	2.480	.250	.750	2.000	2.087	3.780	2.913	.490	2.640	M16	1
C6 MAXIN1 1/4X4.448	2.480	.250	1.250	2.717	2.756	4.528	3.622	.470	3.230	M16	1

- Can be used for carbide and HSS tools
- The adjustment screw has an internal coolant hole
- Use of DCONXWS diameter tools provides best performance, as collets reduce the gripping force.

⁽¹⁾ By using a reduction collet

⁽²⁾ Without a collet

⁽³⁾ 1 - Slot for data chip, 0 - Without slot for data chip

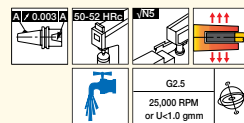
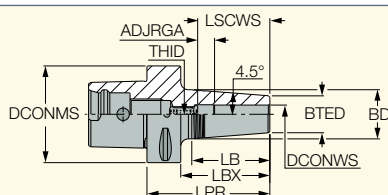
Spare Parts

Designation		
C#-MAXIN	COOLING TUBE C6*	WRENCH COOL TUBE C6*

* Optional, to be ordered separately

CAMFIX SHRINKIN**C#-SRKIN**

Thermal Shrink Chucks with
Integral CAMFIX (ISO 26623-1)
Tapered Shanks for Solid
Carbide, HSS and Steel Tools



M E T R I C													
Designation	DCONMS	DCONWS	BTED	BD	LPR	LBX	LB	ADJRGA	LSCWS	THID	Key ⁽¹⁾	DCP ⁽²⁾	
C4 SRKIN 6X75	40.00	6.00	21.00	27.00	75.00	55.0	38.10	11.00	36.0	M5	2.50	1	0.00
C4 SRKIN 8X75	40.00	8.00	21.00	27.00	75.00	55.0	38.10	11.00	36.0	M6	3.00	1	0.46
C4 SRKIN 10X75	40.00	10.00	24.00	32.00	75.00	55.0	50.80	11.00	42.0	M8	4.00	1	0.49
C4 SRKIN 12X75	40.00	12.00	24.00	32.00	75.00	55.0	50.80	11.00	47.0	M10	5.00	1	0.48
C4 SRKIN 14X80	40.00	14.00	27.00	34.00	80.00	60.0	44.50	11.00	47.0	M10	5.00	1	0.55
C4 SRKIN 16X80	40.00	16.00	27.00	34.00	80.00	60.0	44.50	11.00	50.0	M12	6.00	1	0.53
C4 SRKIN 18X80	40.00	18.00	33.00	42.00	80.00	60.0	57.20	11.00	50.0	M12	6.00	1	0.66
C4 SRKIN 20X85	40.00	20.00	33.00	42.00	85.00	65.0	57.20	11.00	52.0	M16	8.00	1	0.13
C5 SRKIN 6X75	50.00	6.00	21.00	27.00	75.00	55.0	38.10	11.00	36.0	M5	2.50	1	0.62
C5 SRKIN 8X75	50.00	8.00	21.00	27.00	75.00	55.0	38.10	11.00	36.0	M6	3.00	1	0.63
C5 SRKIN 10X75	50.00	10.00	24.00	32.00	75.00	55.0	51.30	11.00	42.0	M8	4.00	1	0.67
C5 SRKIN 12X75	50.00	12.00	24.00	32.00	75.00	55.0	51.30	11.00	47.0	M10	5.00	1	0.64
C5 SRKIN 14X80	50.00	14.00	27.00	34.00	80.00	60.0	44.50	11.00	47.0	M10	5.00	1	0.73
C5 SRKIN 16X80	50.00	16.00	27.00	34.00	80.00	60.0	44.50	11.00	50.0	M12	6.00	1	0.68
C5 SRKIN 18X80	50.00	18.00	33.00	42.00	80.00	60.0	57.20	11.00	50.0	M12	6.00	1	0.84
C5 SRKIN 20X85	50.00	20.00	33.00	42.00	85.00	65.0	57.20	11.00	52.0	M16	8.00	1	0.85
C5 SRKIN 25X90	50.00	25.00	44.00	53.00	90.00	70.0	57.20	11.00	58.0	M16	8.00	1	1.13
C6 SRKIN 6X80	63.00	6.00	21.00	27.00	80.00	58.0	38.10	11.00	36.0	M5	2.50	1	0.95
C6 SRKIN 8X80	63.00	8.00	21.00	27.00	80.00	58.0	38.10	11.00	36.0	M6	3.00	1	0.94
C6 SRKIN 10X80	63.00	10.00	24.00	32.00	80.00	58.0	50.80	11.00	42.0	M8	4.00	1	1.07
C6 SRKIN 12X80	63.00	12.00	24.00	32.00	80.00	58.0	50.80	11.00	47.0	M10	5.00	1	1.01
C6 SRKIN 14X85	63.00	14.00	27.00	34.00	85.00	63.0	44.50	11.00	47.0	M10	5.00	1	1.08
C6 SRKIN 16X85	63.00	16.00	27.00	34.00	85.00	63.0	44.50	11.00	50.0	M12	6.00	1	1.06
C6 SRKIN 18X85	63.00	18.00	33.00	42.00	85.00	63.0	57.20	11.00	50.0	M12	6.00	1	1.21
C6 SRKIN 20X85	63.00	20.00	33.00	42.00	85.00	63.0	57.20	11.00	52.0	M16	8.00	1	1.16
C6 SRKIN 25X90	63.00	25.00	44.00	53.00	90.00	68.0	57.20	11.00	58.0	M16	8.00	1	1.50
C6 SRKIN 32X95	63.00	32.00	44.00	53.00	95.00	73.0	57.20	11.00	58.0	M16	8.00	1	1.46

• The adjustment screw has an internal coolant hole • Use only inductive heating device for SRKIN holders

⁽¹⁾ Hex key size for the rear stopper screw

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

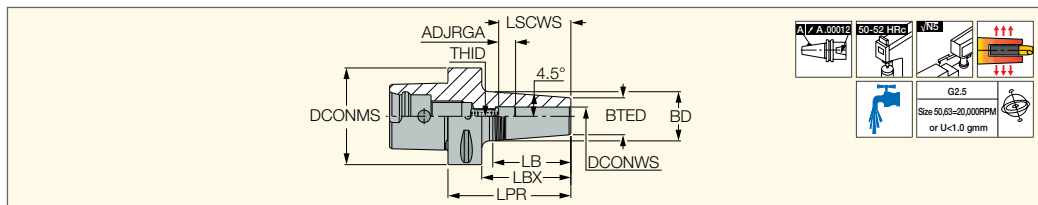
Designation			
C4 SRKIN 6X75	PRESET M5X18B	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C4 SRKIN 8X75	PRESET M6X20B	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C4 SRKIN 10X75	PRESET CX M8X16	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C4 SRKIN 12X75	PRESET CX M10X16	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C4 SRKIN 14X80	PRESET CX M10X16	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C4 SRKIN 16X80	PRESET CX M12X16	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C4 SRKIN 18X80	PRESET CX M12X16	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C4 SRKIN 20X85	PRESET CX M16X14	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C5 SRKIN 6X75	PRESET M5X18B	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 SRKIN 8X75	PRESET M6X20B	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 SRKIN 10X75	PRESET CX M8X16	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 SRKIN 12X75	PRESET CX M10X16	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 SRKIN 14X80	PRESET CX M10X16	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 SRKIN 16X80	PRESET CX M12X16	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 SRKIN 18X80	PRESET CX M12X16	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 SRKIN 20X85	PRESET CX M16X14	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 SRKIN 25X90	PRESET CX M16X14	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C6 SRKIN 6X80	PRESET M5X18B	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 8X80	PRESET M6X20B	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 10X80	PRESET CX M8X16	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 12X80	PRESET CX M10X16	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 14X85	PRESET CX M10X16	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 16X85	PRESET CX M12X16	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 18X85	PRESET CX M12X16	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 20X85	PRESET CX M16X14	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 25X90	PRESET CX M16X14	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 32X95	PRESET CX M16X14	COOLING TUBE C6*	WRENCH COOL TUBE C6*

* Optional, to be ordered separately

CAMFIX SHRINKIN

C#-SRKIN

Thermal Shrink Chucks with
Integral CAMFIX (ISO 26623-1)
Tapered Shanks for Solid
Carbide, HSS and Steel Tools



I N C H													
Designation	DCONMS	DCONWS	BTED	BD	LPR	LBX	LB	ADJRGA	LSCWS	THID	Key ⁽¹⁾	DCP ⁽²⁾	
C6 SRKIN 1/4X3.150	2.480	.250	.827	1.063	3.150	2.284	1.500	.440	1.420	M5	2.500	1	2.14
C6 SRKIN 5/16X3.150	2.480	.312	.827	1.063	3.150	2.284	1.500	.440	1.420	M6	3.000	1	2.13
C6 SRKIN 3/8X3.150	2.480	.375	.945	1.260	3.150	2.284	2.000	.430	1.650	M8	4.000	1	2.22
C6 SRKIN 1/2X3.150	2.480	.500	.945	1.260	3.150	2.284	2.000	.430	1.850	M10	5.000	1	2.16
C6 SRKIN 5/8X3.35	2.480	.625	1.063	1.339	3.350	2.484	1.750	.430	1.970	M12	6.000	1	2.34
C6 SRKIN 3/4X3.35	2.480	.750	1.299	1.654	3.350	2.484	2.250	.440	2.050	M16	8.000	1	.22
C6 SRKIN 1X3.55	2.480	1.000	1.732	2.087	3.550	2.763	2.250	.430	2.280	M16	8.000	1	3.35
C6 SRKIN 1 1/4X3.75	2.480	1.250	1.732	2.087	3.750	2.884	2.250	.430	2.280	M16	8.000	1	5.29

- The adjustment screw has an internal coolant hole
- Use only inductive heating device for SRKIN holders

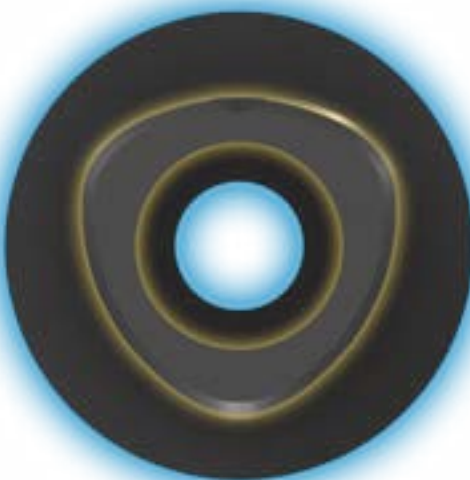
⁽¹⁾ Hex key size for the rear stopper screw (metric size)

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

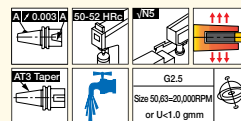
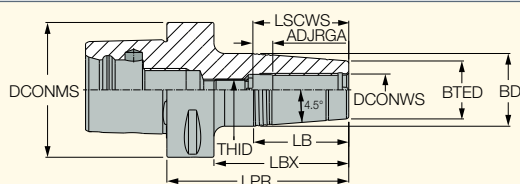
Designation			
C6 SRKIN 1/4X3.150	PRESET M5X18B	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 5/16X3.150	PRESET M6X20B	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 3/8X3.150	PRESET CX M8X16	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 1/2X3.150	PRESET CX M10X16	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 5/8X3.35	PRESET CX M12X16	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 3/4X3.35	PRESET CX M16X14	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 1X3.55	PRESET CX M16X14	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 1 1/4X3.75	PRESET CX M16X14	COOLING TUBE C6*	WRENCH COOL TUBE C6*

* Optional, to be ordered separately



CAMFIX X-STREAM
JET TOOLHOLDING**C#-SRKIN-CX**

Thermal Shrink Chucks with
CAMFIX (ISO 26623-1) Tapered
Shank and Jet Coolant Grooves
along the Shank Bore



M E T R I C													
Designation	DCONMS	DCONWS	BTED	BD	LPR	LBX	LB	LSCWS	ADJRGA	THID	Key ⁽¹⁾	DCP ⁽²⁾	
C6 SRKIN 6X80 CX	63.00	6.00	21.00	27.00	80.00	58.00	38.10	34.00	9.50	M5	2.50	1	0.95
C6 SRKIN 8X80 CX	63.00	8.00	21.00	27.00	80.00	58.00	38.10	34.00	9.50	M6	3.00	1	0.94
C6 SRKIN 10X80 CX	63.00	10.00	24.00	32.00	80.00	58.00	50.80	39.80	9.30	M8	4.00	1	1.07
C6 SRKIN 12X80 CX	63.00	12.00	24.00	32.00	80.00	58.00	50.80	44.80	9.30	M10	5.00	1	1.01
C6 SRKIN 14X85 CX	63.00	14.00	27.00	34.00	85.00	63.00	44.50	44.80	9.30	M10	5.00	1	1.08
C6 SRKIN 16X85 CX	63.00	16.00	27.00	34.00	85.00	63.00	44.50	47.80	9.30	M12	6.00	1	1.06
C6 SRKIN 18X85 CX	63.00	18.00	33.00	42.00	85.00	63.00	57.20	47.80	9.30	M12	6.00	1	1.21
C6 SRKIN 20X85 CX	63.00	20.00	33.00	42.00	85.00	63.00	57.20	49.00	8.50	M16	8.00	1	1.16
C6 SRKIN 25X90 CX	63.00	25.00	44.00	53.00	90.00	68.00	57.20	55.00	8.50	M16	8.00	1	1.50
C6 SRKIN 32X95 CX	63.00	32.00	44.00	53.00	95.00	73.00	57.20	59.00	8.50	M16	8.00	1	1.46
C8 SRKIN 6X90 CX	80.00	6.00	21.00	27.00	90.00	60.00	38.10	33.90	9.40	M5	2.50	1	2.05
C8 SRKIN 8X90 CX	80.00	8.00	21.00	27.00	90.00	60.00	38.10	34.00	9.50	M6	3.00	1	2.05
C8 SRKIN 10X90 CX	80.00	10.00	24.00	32.00	90.00	60.00	50.80	39.80	9.30	M8	4.00	1	2.10
C8 SRKIN 12X90 CX	80.00	12.00	24.00	32.00	90.00	60.00	50.80	44.80	9.30	M10	5.00	1	2.08
C8 SRKIN 12X120 CX	80.00	12.00	24.00	32.00	120.00	90.00	50.80	44.80	9.30	M10	5.00	1	0.00
C8 SRKIN 12X160 CX	80.00	12.00	24.00	32.00	160.00	130.00	50.80	44.80	9.30	M10	5.00	1	2.60
C8 SRKIN 16X95 CX	80.00	16.00	27.00	34.00	95.00	65.00	44.50	47.80	9.30	M12	6.00	1	0.00
C8 SRKIN 16X120 CX	80.00	16.00	27.00	34.00	120.00	90.00	44.50	47.80	9.30	M12	6.00	1	2.32
C8 SRKIN 16X160 CX	80.00	16.00	27.00	34.00	160.00	130.00	44.50	47.80	9.30	M12	6.00	1	2.66
C8 SRKIN 20X95 CX	80.00	20.00	33.00	42.00	95.00	65.00	57.20	49.00	8.50	M16	8.00	1	2.24
C8 SRKIN 25X100 CX	80.00	25.00	44.00	53.00	100.00	70.00	57.20	55.00	8.50	M16	8.00	1	2.49
C8 SRKIN 32X115 CX	80.00	32.00	44.00	53.00	115.00	85.00	57.20	59.00	8.50	M16	8.00	1	2.70

• Use only inductive heating device for SRKIN holders • Preset screw CX allows supply of coolant via JET channels - do not remove

⁽¹⁾ Hex key size for the rear stopper screw

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

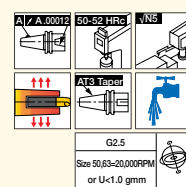
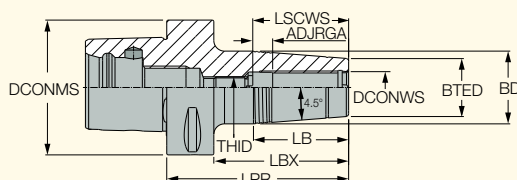
Spare Parts

Designation			
C6 SRKIN 6X80 CX	PRESET CX M5X13	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 8X80 CX	PRESET CX M6X12	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 10X80 CX	PRESET CX M8X16	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 12X80 CX	PRESET CX M10X16	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 14X85 CX	PRESET CX M10X16	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 16X85 CX	PRESET CX M12X16	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 18X85 CX	PRESET CX M12X16	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 20X85 CX	PRESET CX M16X14	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 25X90 CX	PRESET CX M16X14	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 32X95 CX	PRESET CX M16X14	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C8 SRKIN 6X90 CX	PRESET CX M5X13	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SRKIN 8X90 CX	PRESET CX M6X12	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SRKIN 10X90 CX	PRESET CX M8X16	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SRKIN 12X90 CX	PRESET CX M10X16	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SRKIN 12X120 CX	PRESET CX M10X16	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SRKIN 12X160 CX	PRESET CX M10X16	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SRKIN 16X95 CX	PRESET CX M12X16	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SRKIN 16X120 CX	PRESET CX M12X16	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SRKIN 16X160 CX	PRESET CX M12X16	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SRKIN 20X95 CX	PRESET CX M16X14	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SRKIN 25X100 CX	PRESET CX M16X14	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SRKIN 32X115 CX	PRESET CX M16X14	COOLING TUBE C8*	WRENCH COOL TUBE C8*

* Optional, to be ordered separately

C#-SRKIN-CX

Thermal Shrink Chucks with CAMFIX (ISO 26623-1) Tapered Shank and Jet Coolant Grooves along the Shank Bore



I N C H													
Designation	DCONMS	DCONWS	LPR	BTED	BD	LBX	LB	LSCWS	ADJRGA	THID	Key ⁽¹⁾	DCP ⁽²⁾	
C6 SRKIN 1/4X3.150 CX	2.480	.2500	3.150	.827	1.0630	2.284	1.500	1.3340	.368	M5	2.500	1	0
C6 SRKIN 5/16X3.150 CX	2.480	.3120	3.150	.827	1.0630	2.284	1.500	1.3380	.373	M6	3.000	1	2.13
C6 SRKIN 3/8X3.150 CX	2.480	.3750	3.150	.945	1.2600	2.284	2.000	1.5670	.367	M8	4.000	1	2.22
C6 SRKIN 1/2X3.150 CX	2.480	.5000	3.150	.945	1.2600	2.284	2.000	1.7640	.366	M10	5.000	1	2.16
C6 SRKIN 5/8X3.35 CX	2.480	.6250	3.350	1.063	1.3390	2.484	1.752	1.8820	.366	M12	6.000	1	2.34
C6 SRKIN 3/4X3.35 CX	2.480	.7500	3.350	1.299	1.6540	2.484	2.252	1.9290	.335	M16	8.000	1	2.22
C6 SRKIN 1X3.55 CX	2.480	1.0000	3.550	1.732	2.0900	2.684	2.252	2.2830	.453	M16	8.000	1	3.35
C6 SRKIN 1 1/4X3.75 CX	2.480	1.2500	3.750	1.732	2.0900	2.884	2.252	2.4410	.453	M16	8.000	1	5.29
C8 SRKIN 3/8X3.543 CX	3.150	.3750	3.543	.945	1.2600	2.362	2.000	1.5670	.366	M8	4.000	1	4.63
C8 SRKIN 1/2X3.543 CX	3.150	.5000	3.543	.945	1.2600	2.362	2.000	1.7640	.366	M10	5.000	1	4.29
C8 SRKIN 5/8X3.740 CX	3.150	.6250	3.740	1.063	1.3390	2.560	1.752	1.8820	.366	M12	6.000	1	4.70
C8 SRKIN 3/4X3.740 CX	3.150	.7500	3.740	1.299	1.6540	2.560	2.252	1.9290	.335	M16	8.000	1	4.98
C8 SRKIN 1X3.937 CX	3.150	1.0000	3.937	1.732	2.0900	2.756	2.252	2.1650	.335	M16	8.000	1	5.77
C8 SRKIN 1-1/4X3.937 CX	3.150	1.2500	3.937	1.732	2.0900	2.756	2.252	2.3230	.335	M16	8.000	1	5.41

• Use only inductive heating device for SRKIN holders • Preset screw CX allows supply of coolant via JET groove - do not remove

⁽¹⁾ Hex key size for the rear stopper screw

⁽²⁾ 1 - Slot for data chip, 0 - Without slot for data chip

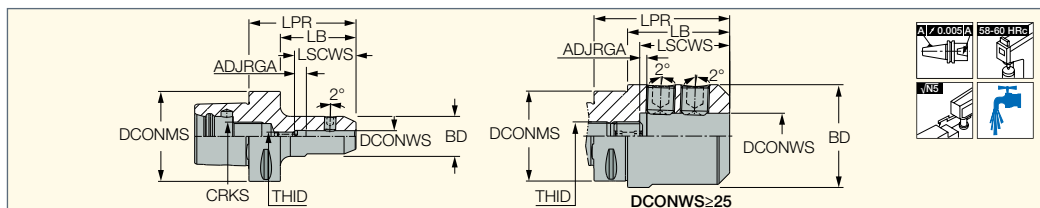
Spare Parts

Designation			
C6 SRKIN 1/4X3.150 CX	PRESET CX M5X13	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 5/16X3.150 CX	PRESET CX M6X12	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 3/8X3.150 CX	PRESET CX M8X16	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 1/2X3.150 CX	PRESET CX M10X16	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 5/8X3.35 CX	PRESET CX M12X16	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 3/4X3.35 CX	PRESET CX M16X14	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 1X3.55 CX	PRESET CX M16X14	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 SRKIN 1 1/4X3.75 CX	PRESET CX M16X14	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C8 SRKIN 3/8X3.543 CX	PRESET CX M8X16	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SRKIN 1/2X3.543 CX	PRESET CX M10X16	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SRKIN 5/8X3.740 CX	PRESET CX M12X16	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SRKIN 3/4X3.740 CX	PRESET CX M16X14	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SRKIN 1X3.937 CX	PRESET CX M16X14	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 SRKIN 1-1/4X3.937 CX	PRESET CX M16X14	COOLING TUBE C8*	WRENCH COOL TUBE C8*

* Optional, to be ordered separately

CAMFIX**C#-EM-E**

DIN 1835 Form E Drill Holders
with CAMFIX (ISO 26623-1)
Exchangeable Tapered Shanks



M E T R I C											
Designation	DCONMS	DCONWS	BD	LPR	ADJRGA	LSCWS	LB	CRKS	THID	DCP ⁽¹⁾	
C3 EM 6X70 E	32.00	6.00	25.00	70.00	5.00	35.0	50.0	M12	M5	0	0.30
C4 EM8X70 E	40.00	8.00	28.00	70.00	8.00	43.0	50.0	M14	M6	1	0.46
C5 EM10X70 E	50.00	10.00	35.00	70.00	6.00	45.0	50.0	M16	M8	1	0.75
C5 EM12X75 E	50.00	12.00	42.00	75.00	5.00	49.0	55.0	M16	M10	1	1.01
C5 EM14X75 E	50.00	14.00	44.00	75.00	5.00	49.0	55.0	M16	M10	1	0.97
C5 EM16X80 E	50.00	16.00	48.00	80.00	5.00	52.0	60.0	M16	M12	1	1.21
C5 EM18X80 E	50.00	18.00	50.00	80.00	5.00	52.0	60.0	M16	M12	1	1.18
C5 EM20X85 E	50.00	20.00	52.00	85.00	6.00	55.0	65.0	M16	M16	1	1.29
C6 EM6X75 E	63.00	6.00	25.00	75.00	6.00	36.0	53.0	M20	M5	1	0.93
C6 EM8X75 E	63.00	8.00	28.00	75.00	8.00	43.0	53.0	M20	M6	1	1.00
C6 EM10X75 E	63.00	10.00	35.00	75.00	7.00	46.0	53.0	M20	M8	1	1.17
C6 EM12X80 E	63.00	12.00	42.00	80.00	5.00	49.0	58.0	M20	M10	1	1.37
C6 EM14X80 E	63.00	14.00	44.00	80.00	5.00	49.0	58.0	M20	M10	1	1.34
C6 EM16X85 E	63.00	16.00	48.00	85.00	5.00	52.0	63.0	M20	M12	1	1.49
C6 EM20X85 E	63.00	20.00	52.00	85.00	6.00	55.0	63.0	M20	M16	1	1.57
C6 EM25X90 E	63.00	25.00	65.00	90.00	6.00	60.0	68.0	M20	M20	1	2.10
C6 EM32X95 E	63.00	32.00	72.00	95.00	5.00	63.0	73.0	M20	M20	1	2.50
C8 EM8X65E	80.00	8.00	28.00	65.00	8.00	43.0	35.0	M20	M6	1	1.90
C8 EM10X65E	80.00	10.00	35.00	65.00	7.00	46.0	35.0	M20	M8	1	1.96
C8 EM12X70E	80.00	12.00	42.00	70.00	5.00	49.0	40.0	M20	M10	1	2.10
C8 EM14X70E	80.00	14.00	44.00	70.00	5.00	49.0	40.0	M20	M10	1	2.12
C8 EM16X75E	80.00	16.00	48.00	75.00	5.00	52.0	45.0	M20	M12	1	2.10
C8 EM18X75E	80.00	18.00	50.00	75.00	5.00	52.0	45.0	M20	M12	1	2.26
C8 EM20X80E	80.00	20.00	52.00	80.00	8.00	57.0	50.0	M20	M16	1	2.36
C8 EM25X90E	80.00	25.00	65.00	90.00	6.00	60.0	60.0	M20	M20	1	2.89
C8 EM32X95E	80.00	32.00	72.00	95.00	6.00	64.0	65.0	M20	M20	1	3.24

• The adjustment screw has an internal coolant hole.

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

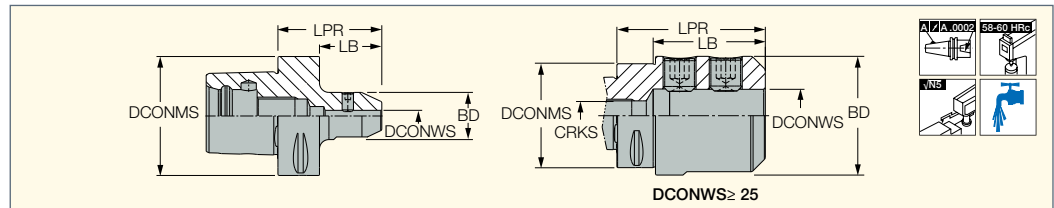
Designation						
C3 EM 6X70 E	SR M6X10 DIN1835B	PRESET M5X18B	HW 3.0*	HW 2.5*		
C4 EM8X70 E	SR M8X10 DIN1835-B	PRESET CAP M6X12B	HW 3.0*	HW 4.0*	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C5 EM10X70 E	SR M10X12 DIN1835-B	PRESET CAP M8X12B	HW 4.0*	HW 5.0*	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 EM12X75 E	SR M12X16 DIN1835-B	PRESET CX M10X16	HW 5.0*	HW 6.0*	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 EM14X75 E	SR M12X16 DIN1835-B	PRESET CX M10X16	HW 5.0*	HW 6.0*	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 EM16X80 E	SR M14X16 DIN1835-B	PRESET CX M12X16	HW 6.0*		COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 EM18X80 E	SR M14X16 DIN1835-B	PRESET CX M12X16	HW 6.0*		COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 EM20X85 E	SR M16X16 DIN1835-B	PRESET CX M16X14	HW 8.0*		COOLING TUBE C5*	WRENCH COOL TUBE C5*
C6 EM6X75 E	SR M6X10 DIN1835B	PRESET M5X18B	HW 3.0*	HW 2.5*	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 EM8X75 E	SR M8X10 DIN1835-B	PRESET CAP M6X12B	HW 3.0*	HW 4.0*	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 EM10X75 E	SR M10X12 DIN1835-B	PRESET CAP M8X12B	HW 4.0*	HW 5.0*	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 EM12X80 E	SR M12X16 DIN1835-B	PRESET CX M10X16	HW 5.0*	HW 6.0*	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 EM14X80 E	SR M12X16 DIN1835-B	PRESET CX M10X16	HW 5.0*	HW 6.0*	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 EM16X85 E	SR M14X16 DIN1835-B	PRESET CX M12X16	HW 6.0*		COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 EM20X85 E	SR M16X16 DIN1835-B	PRESET CX M16X14	HW 8.0*		COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 EM25X90 E	SR M18X2X20 DIN1835-B	PRESET M20X20E	HW 10.0*	HW 6.0*	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 EM32X95 E	SR M20X2X20 DIN1835-B	PRESET M20X20E	HW 10.0*	HW 6.0*	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C8 EM8X65E	SR M8X10 DIN1835-B	PRESET CAP M6X12B	HW 3.0*	HW 4.0*	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 EM10X65E	SR M10X12 DIN1835-B	PRESET CAP M8X12B	HW 4.0*	HW 5.0*	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 EM12X70E	SR M12X16 DIN1835-B	PRESET CX M10X16	HW 5.0*	HW 6.0*	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 EM14X70E	SR M12X16 DIN1835-B	PRESET CX M10X16	HW 5.0*	HW 6.0*	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 EM16X75E	SR M14X16 DIN1835-B	PRESET CX M12X16	HW 6.0*		COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 EM18X75E	SR M14X16 DIN1835-B	PRESET CX M12X16	HW 6.0*		COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 EM20X80E	SR M16X16 DIN1835-B	PRESET CX M16X14	HW 8.0*		COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 EM25X90E	SR M18X2X20 DIN1835-B	PRESET M20X20E	HW 10.0*	HW 6.0*	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 EM32X95E	SR M20X2X20 DIN1835-B	PRESET M20X20E	HW 10.0*	HW 6.0*	COOLING TUBE C8*	WRENCH COOL TUBE C8*

* Optional, to be ordered separately

CAMFIX

C#-EM

DIN 1835 Form B Weldon
Endmill Holders with CAMFIX
(ISO 26623-1) Exchangeable
Tapered Shanks



I N C H											
Designation	DCONMS	DCONWS	BD	LPR	LB	CRKS	DCP ⁽¹⁾				
C5 EM1/4X2.165	1.969	.250	1.000	2.165	1.378	M16	1	1.35	SCREW 1/4-28X.313 EM	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 EM3/8X2.165	1.969	.375	1.248	2.165	1.378	M16	1	1.44	SCREW 3/8-24X.4375 EM	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 EM1/2X2.362	1.969	.500	1.379	2.362	1.575	M16	1	1.59	SCREW 7/16-20X.438 EM	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 EM5/8X2.362	1.969	.625	1.649	2.362	1.575	M16	1	1.82	SCREW 1/2-20X.500 EM	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 EM3/4X2.500	1.969	.750	1.752	2.500	1.713	M16	1	1.94	SCREW 5/8-18X.500 EM	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 EM1X3.500	1.969	1.000	2.358	3.500	2.713	M16	1	3.64	SCREW 3/4-16X.625 EM	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C6 EM1/4X2.165	2.480	.250	1.000	2.165	1.299	M20	1	1.96	SCREW 1/4-28X.313 EM	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 EM3/8X2.362	2.480	.375	1.248	2.362	1.496	M20	1	2.15	SCREW 3/8-24X.4375 EM	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 EM1/2X2.362	2.480	.500	1.379	2.362	1.496	M20	1	2.56	SCREW 7/16-20X.438 EM	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 EM5/8X2.560	2.480	.625	1.649	2.560	1.694	M20	1	.64	SCREW 1/2-20X.500 EM	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 EM3/4X2.560	2.480	.750	1.752	2.560	1.694	M20	1	2.71	SCREW 5/8-18X.500 EM	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 EM7/8X3.189	2.480	.875	2.047	3.189	2.323	M20	1	3.24	SCREW 5/8-18X.500 EM	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 EM1X3.347	2.480	1.000	2.358	3.347	2.481	M20	1	3.86	SCREW 3/4-16X.625 EM	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 EM1 1/4X3.500	2.480	1.250	2.500	3.500	2.634	M20	1	4.10	SCREW 3/4-16X.625 EM	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 EM1 1/2X3.500	2.480	1.500	2.989	3.500	2.634	M20	1	5.10	SCREW 3/4-16X.625 EM	COOLING TUBE C6*	WRENCH COOL TUBE C6*

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

* Optional, to be ordered separately



FRONT VIEW

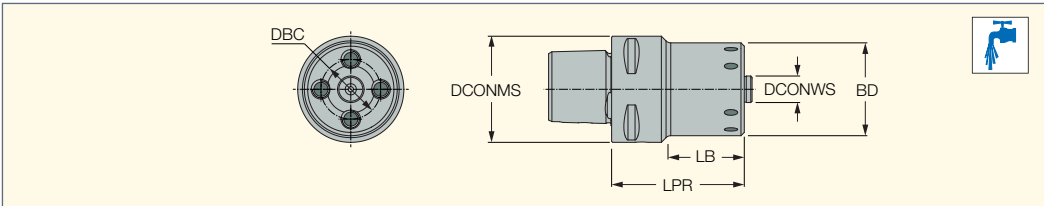


BACK VIEW

CAMFIX

C#-SW

Holders with CAMFIX
Exchangeable Shanks for SELF/
TANG-GRIP Slitting Cutters



M E T R I C							
Designation	DCONMS	DCONWS	BD	DBC	LPR	LB	CSP ⁽¹⁾
C3 S8-28-40	32.00	8.00	28.00	18.00	40.0	23.00	1
C4 S22-40-50	40.00	22.00	40.00	32.00	50.0	-	1
C5 S32-55-50	50.00	32.00	55.00	45.00	50.0	28.10	1
C8 S40-80-50	80.00	40.00	80.00	63.00	50.0	-	1

⁽¹⁾ 0 - Without coolant supply, 1 - With coolant supply

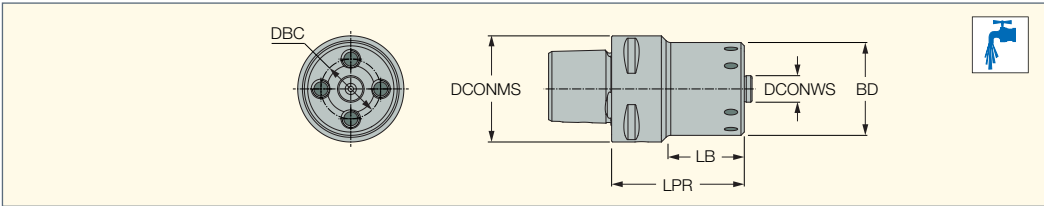
Spare Parts

Designation			
C3 S8-28-40	SR 76-961		
C4 S22-40-50	SR 76-963	KEY 6X6X10	
C5 S32-55-50	SR 76-943		ZPN 8-9.5 77-1505P
C8 S40-80-50	SR 76-944		

CAMFIX

C#-SW

Holders with CAMFIX
Exchangeable Shanks for SELF/
TANG-GRIP Slitting Cutters



I N C H							
Designation	DCONMS	DCONWS	BD	DBC	LPR	LB	CSP ⁽¹⁾
C3 S8-28-40	1.260	.315	1.102	.709	1.575	.906	1
C4 S22-40-50	1.575	.866	1.575	1.260	1.968	-	1
C5 S32-55-50	1.968	1.260	2.165	1.772	1.968	1.106	1
C8 S40-80-50	3.150	1.575	3.150	2.480	1.968	-	1

⁽¹⁾ 0 - Without coolant supply, 1 - With coolant supply

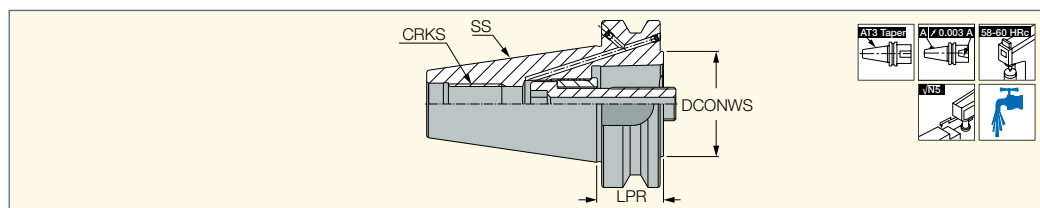
Spare Parts

Designation			
C3 S8-28-40	SR 76-961		
C4 S22-40-50	SR 76-963	KEY 6X6X10	
C5 S32-55-50	SR 76-943		ZPN 8-9.5 77-1505P
C8 S40-80-50	SR 76-944		

BT MAS CAMFIX

BT-C#

CAMFIX (ISO 26623-1)
Holders with BT MAS-403
AD Tapered Shanks



M E T R I C						
Designation	SS	DCONWS	LPR	CRKS	DCP ⁽¹⁾	kg
C5 AD BT40X50	40	50.00	50.00	M16	0	1.05
C5 AD BT50X40	50	50.00	40.00	M24	0	3.46
C6 AD BT50X50	50	63.00	50.00	M24	0	3.55
C8 AD BT50X70	50	80.00	70.00	M24	0	4.05

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

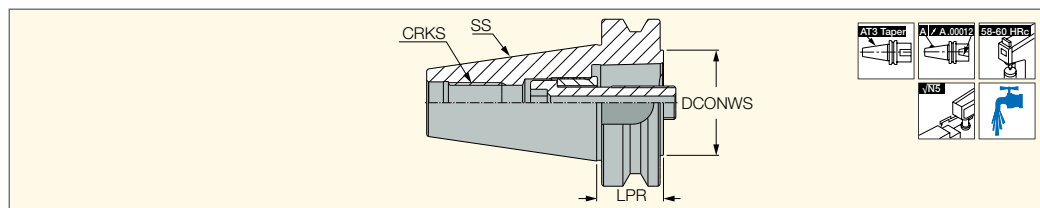
Designation				
C5 AD BT40X50	SR M16X70 C5	HW 10.0	MT RING M25X20XC5	WRENCH C5 DRW NUT
C5 AD BT50X40	SR M16X70 C5	HW 10.0*	MT RING M25X20XC5	WRENCH C5 DRW NUT
C6 AD BT50X50	SR M20X87 C6/8	HW 14.0	MT RING M30X24XC6/8	WRENCH C6-8 DRW NUT
C8 AD BT50X70	SR M20X87 C6/8	HW 14.0*	MT RING M30X24XC6/8	WRENCH C6-8 DRW NUT

* Optional, to be ordered separately

BT MAS CAMFIX

BT-C#

CAMFIX (ISO 26623-1)
Holders with BT MAS-403
AD Tapered Shanks



I N C H						
Designation	SS	DCONWS	LPR	CRKS	DCP ⁽¹⁾	Lbs
C5 AD BT40X50	40	1.9685	1.968	M16	0	2.32
C5 AD BT50X40	50	1.9685	1.575	M24	0	7.63
C6 AD BT50X50	50	2.4803	1.968	M24	0	7.83
C8 AD BT50X70	50	3.1496	2.756	M24	0	8.93

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation				
C5 AD BT40X50	SR M16X70 C5	HW 10.0	MT RING M25X20XC5	WRENCH C5 DRW NUT
C5 AD BT50X40	SR M16X70 C5	HW 10.0*	MT RING M25X20XC5	WRENCH C5 DRW NUT
C6 AD BT50X50	SR M20X87 C6/8	HW 14.0	MT RING M30X24XC6/8	WRENCH C6-8 DRW NUT
C8 AD BT50X70	SR M20X87 C6/8	HW 14.0*	MT RING M30X24XC6/8	WRENCH C6-8 DRW NUT

* Optional, to be ordered separately



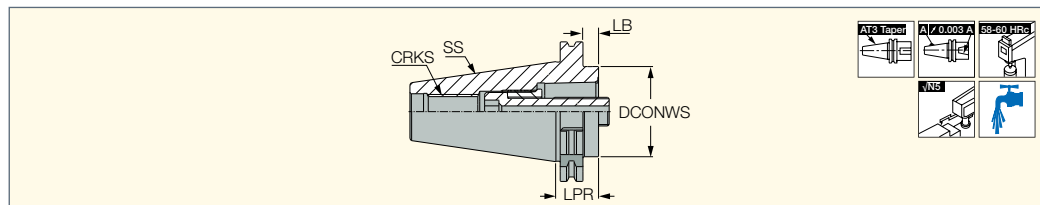
DIN69871 CAMFIX

DIN69871-C#

CAMFIX (ISO 26623-1)

Holders with DIN 69871

Form AD Tapered Shanks



M E T R I C							
Designation	SS	DCONWS	LPR	LB	CRKS	DCP ⁽¹⁾	
C4 AD SKA 40X30	40	40.00	30.00	11.00	M16	0	0.83
C5 AD SKA 40X40	40	50.00	40.00	21.00	M16	0	0.90
C5 AD SKA 50X30	50	50.00	30.00	11.00	M24	0	2.61
C6 AD SKA 50X30	50	63.00	30.00	11.00	M24	0	2.55
C8 AD SKA 50X70	50	80.00	70.00	51.00	M24	0	3.77

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

Designation						
C4 AD SKA 40X30	SR M14X58 C4	HW 8.0*	MT RING M22X17XC4			WRENCH C4 DRW NUT*
C5 AD SKA 40X40	SR M16X70 C5	HW 10.0	MT RING M25X20XC5			
C5 AD SKA 50X30	SR M16X70 C5	HW 10.0*	MT RING M25X20XC5	SR M4X4 DIN913	HW 2.0*	
C6 AD SKA 50X30	SR M20X87 C6/8	HW 14.0*	MT RING M30X24XC6/8			WRENCH C6-8 DRW NUT*
C8 AD SKA 50X70	SR M20X87 C6/8	HW 14.0*	MT RING M30X24XC6/8	SR M4X4 DIN913	HW 2.0*	WRENCH C6-8 DRW NUT*

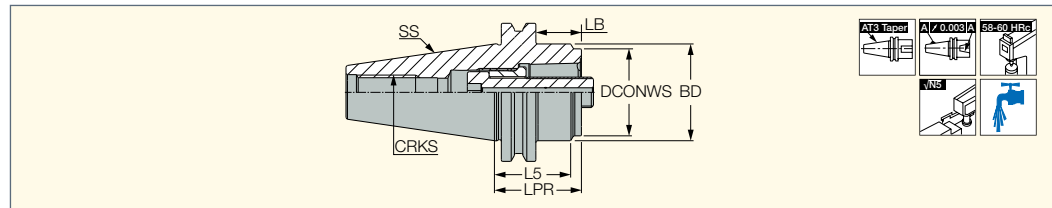
* Optional, to be ordered separately



CAT CAMFIX

CATI-C#

CAMFIX (ISO 26623-1)
Holders with Caterpillar
AD Tapered Shanks



M E T R I C									
Designation	SS	DCONWS	BD	LPR	LB	L5	CRKS	DCP ⁽¹⁾	kg
C4 AD CATI 40X40	40	40.00	44.50	40.00	11.00	35.00	5/8X11	0	0.95
C5 AD CATI 50X40	50	50.00	69.90	40.00	21.00	35.00	1X8	0	3.00
C5 AD CATI 40X50	40	50.00	44.50	50.00	31.00	35.00	5/8X11	0	1.50
C6 AD CATI 50X50	50	63.00	69.90	50.00	31.00	37.00	1X8	0	3.10
C8 AD CATI 50X100	50	80.00	69.90	100.00	81.00	35.00	1X8	0	4.71

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

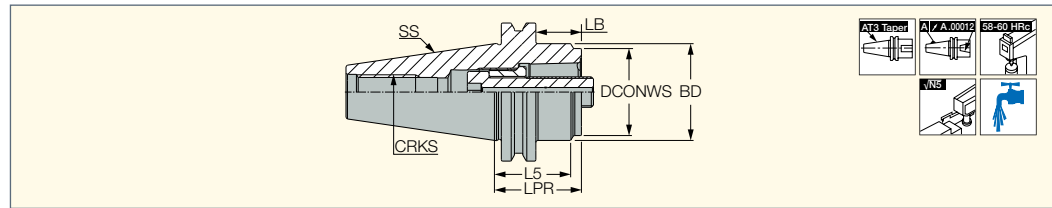
Designation				
C4 AD CATI 40X40	SR M14X58 C4	HW 8.0*	MT RING M22X17XC4	WRENCH C4 DRW NUT*
C5 AD CATI 50X40	SR M16X70 C5	HW 10.0*	MT RING M25X20XC5	WRENCH C5 DRW NUT*
C5 AD CATI 40X50	SR M16X70 C5	HW 10.0	MT RING M25X20XC5	
C6 AD CATI 50X50	SR M20X87 C6/8	HW 14.0*	MT RING M30X24XC6/8	WRENCH C6-8 DRW NUT*
C8 AD CATI 50X100	SR M20X87 C6/8	HW 14.0*	MT RING M30X24XC6/8	WRENCH C6-8 DRW NUT*

* Optional, to be ordered separately

CAT CAMFIX

CATI-C#

CAMFIX (ISO 26623-1)
Holders with Caterpillar
AD Tapered Shanks



I N C H									
Designation	SS	DCONWS	BD	LPR	LB	L5	CRKS	DCP ⁽¹⁾	Lbs
C4 AD CATI 40X40	40	1.5748	1.752	1.575	.433	1.378	5/8X11	0	2.09
C5 AD CATI 50X40	50	1.9685	2.752	1.575	.827	1.378	1-8	0	6.62
C5 AD CATI 40X50	40	1.9685	1.752	1.968	1.220	1.378	5/8X11	0	3.31
C6 AD CATI 50X50	50	2.4803	2.752	1.968	1.220	1.457	1-8	0	6.84
C8 AD CATI 50X100	50	3.1496	2.752	3.937	3.189	1.378	1-8	0	10.39

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

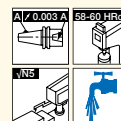
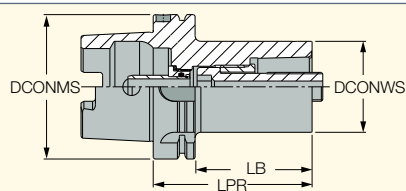
Spare Parts

Designation				
C4 AD CATI 40X40	SR M14X58 C4	HW 8.0*	MT RING M22X17XC4	WRENCH C4 DRW NUT*
C5 AD CATI 50X40	SR M16X70 C5	HW 10.0*	MT RING M25X20XC5	WRENCH C5 DRW NUT*
C5 AD CATI 40X50	SR M16X70 C5	HW 10.0	MT RING M25X20XC5	
C6 AD CATI 50X50	SR M20X87 C6/8	HW 14.0*	MT RING M30X24XC6/8	WRENCH C6-8 DRW NUT*
C8 AD CATI 50X100	SR M20X87 C6/8	HW 14.0*	MT RING M30X24XC6/8	WRENCH C6-8 DRW NUT*

* Optional, to be ordered separately

HSK**HSK-C#**

CAMFIX (ISO 26623-1) Holders
with HSK ISO 12164-3
Form A Tapered Shanks

**M E T R I C**

Designation	DCONMS	DCONWS	LPR	LB	DCP ⁽¹⁾	
C4 AD HSK A63WHX080	63.00	40.00	80.00	54.00	1	1.10
C5 AD HSK A63WHX90	63.00	50.00	90.00	64.00	1	1.44
C5 AD HSK A100WHX100	100.00	50.00	100.00	71.00	1	2.90
C6 AD HSK A100WHX110	100.00	63.00	110.00	81.00	1	3.61
C8 AD HSK A100WHX120	100.00	80.00	120.00	91.00	1	4.79

• Note: To enable clamping the part to be attached, first remove the cooling tube

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

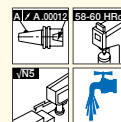
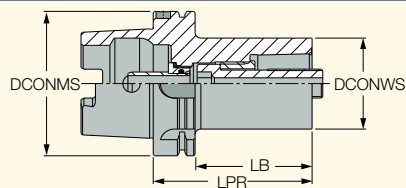
Spare Parts

Designation						
C4 AD HSK A63WHX080	SR M14X58 C4	HW 8.0°	MT RING M22X17XC4	COOLING TUBE HSK A63	WRENCH COOL TUBE HSK63°	WRENCH C4 DRW NUT°
C5 AD HSK A63WHX90	SR M16X70 C5	HW 10.0°	MT RING M25X20XC5	COOLING TUBE HSK A63	WRENCH COOL TUBE HSK63°	WRENCH C5 DRW NUT°
C5 AD HSK A100WHX100	SR M16X70 C5	HW 10.0°	MT RING M25X20XC5	COOLING TUBE HSK A100	WRENCH COOL TUBE HSK100°	WRENCH C5 DRW NUT°
C6 AD HSK A100WHX110	SR M20X87 C6/8	HW 14.0°	MT RING M30X24XC6/8	COOLING TUBE HSK A100C6/8	WRENCH COOL TUBE HSK100°	WRENCH C6-8 DRW NUT°
C8 AD HSK A100WHX120	SR M20X87 C6/8	HW 14.0°	MT RING M30X24XC6/8	COOLING TUBE HSK A100C6/8	WRENCH COOL TUBE HSK100°	WRENCH C6-8 DRW NUT°

* Optional, to be ordered separately

HSK**HSK-C#**

CAMFIX (ISO 26623-1)
Holders with HSK DIN 69893
Form A Tapered Shanks

**I N C H**

Designation	DCONMS	DCONWS	LPR	LB	DCP ⁽¹⁾	
C4 AD HSK A63WHX080	2.480	1.5748	3.150	2.126	1	2.43
C5 AD HSK A63WHX90	2.480	1.9685	3.543	2.520	1	3.18
C5 AD HSK A100WHX100	3.937	1.9685	3.937	2.795	1	6.39
C6 AD HSK A100WHX110	3.937	2.4803	4.331	3.189	1	7.96
C8 AD HSK A100WHX120	3.937	3.1496	4.724	3.583	1	10.56

• Note: To enable clamping the part to be attached, first remove the cooling tube

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

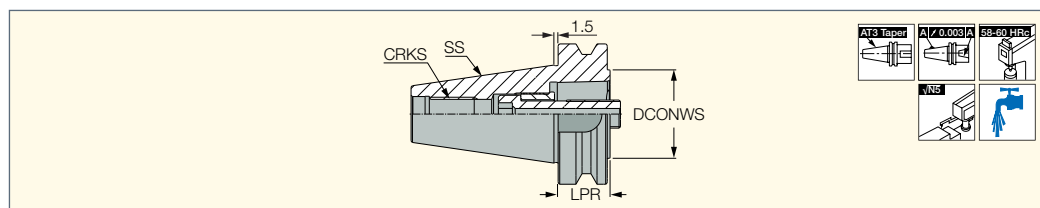
Designation						
C4 AD HSK A63WHX080	SR M14X58 C4	HW 8.0°	MT RING M22X17XC4	COOLING TUBE HSK A63	WRENCH COOL TUBE HSK63°	WRENCH C4 DRW NUT°
C5 AD HSK A63WHX90	SR M16X70 C5	HW 10.0°	MT RING M25X20XC5	COOLING TUBE HSK A63	WRENCH COOL TUBE HSK63°	WRENCH C5 DRW NUT°
C5 AD HSK A100WHX100	SR M16X70 C5	HW 10.0°	MT RING M25X20XC5	COOLING TUBE HSK A100	WRENCH COOL TUBE HSK100°	WRENCH C5 DRW NUT°
C6 AD HSK A100WHX110	SR M20X87 C6/8	HW 14.0°	MT RING M30X24XC6/8	COOLING TUBE HSK A100C6/8	WRENCH COOL TUBE HSK100°	WRENCH C6-8 DRW NUT°
C8 AD HSK A100WHX120	SR M20X87 C6/8	HW 14.0°	MT RING M30X24XC6/8	COOLING TUBE HSK A100C6/8	WRENCH COOL TUBE HSK100°	WRENCH C6-8 DRW NUT°

* Optional, to be ordered separately

BT MAS CAMFIX

BT-C#-FC

CAMFIX (ISO 26623-1) Holders
with BT MAS-403 Face
Contact AD Tapered Shanks



M E T R I C

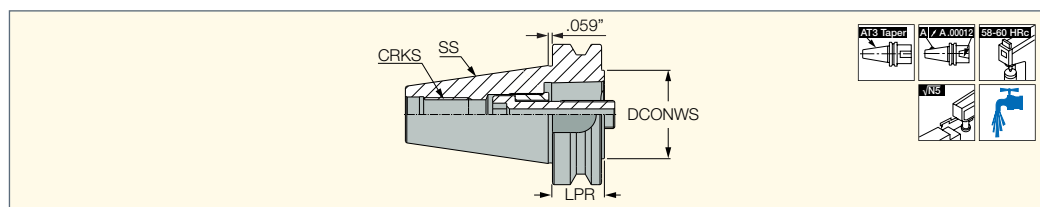
Designation	SS	DCONWS	LPR	CRKS	DCP ⁽¹⁾	
C5 AD BT50FC X40	50	50.00	38.50	M24	0	3.46
C6 AD BT50FC X50	50	63.00	48.50	M24	0	3.55

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

BT MAS CAMFIX

BT-C#-FC

CAMFIX (ISO 26623-1) Holders
with BT MAS-403 Face
Contact AD Tapered Shanks



I N C H

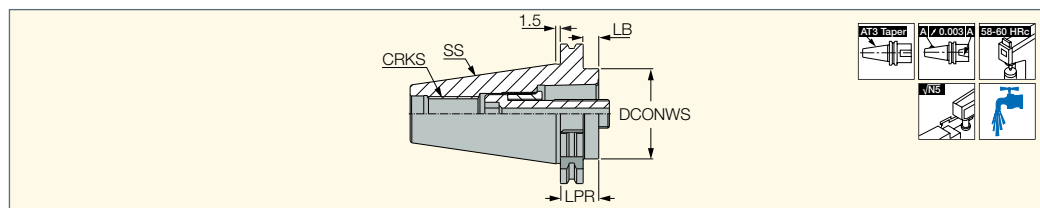
Designation	SS	DCONWS	LPR	CRKS	DCP ⁽¹⁾	
C5 AD BT50FC X40	50	1.9685	1.516	M24	0	7.63
C6 AD BT50FC X50	50	2.4803	1.909	M24	0	7.83

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

DIN69871 CAMFIX

DIN69871-C#-FC

CAMFIX (ISO 26623-1)
Holders with DIN 69871 Face
Contact AD Tapered Shanks



M E T R I C

Designation	SS	DCONWS	LPR	LB	CRKS	DCP ⁽¹⁾	
C5 AD SK50FC X30	50	50.00	28.50	11.00	M24x3	0	3.30
C6 AD SK50FC X50	50	63.00	48.50	31.00	M24x3	0	3.45

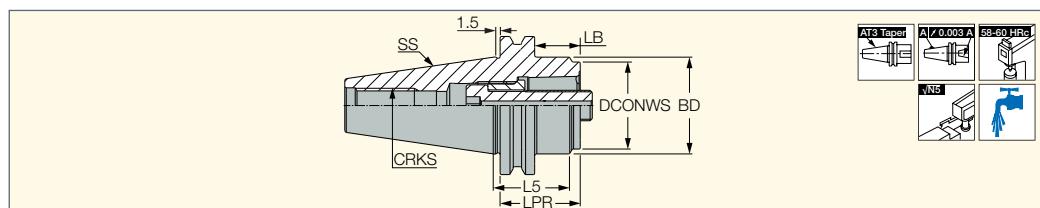
⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip



CAT CAMFIX

CAT-C#-FC

CAMFIX (ISO 26623-1)
Holders with Caterpillar Face
Contact AD Tapered Shanks



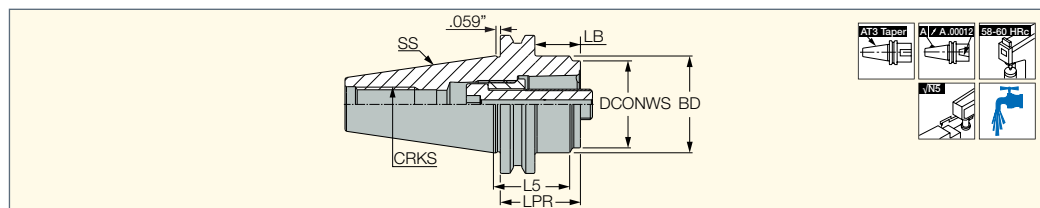
M E T R I C									
Designation	SS	DCONWS	BD	LPR	LB	L5	CRKS	DCP ⁽¹⁾	kg
C5 AD CAT50FC X40	50	50.00	69.90	38.50	21.00	33.50	1-8	0	3.20
C6 AD CAT50FC X50	50	63.00	70.00	48.50	31.00	36.00	1-8	0	3.30

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

CAT CAMFIX

CAT-C#-FC

CAMFIX (ISO 26623-1)
Holders with Caterpillar Face
Contact AD Tapered Shanks



I N C H									
Designation	SS	DCONWS	BD	LPR	LB	L5	CRKS	DCP ⁽¹⁾	Lbs
C5 AD CAT50FC X40	50	1.9685	2.752	1.516	.827	1.319	1-8	0	7.06
C6 AD CAT50FC X50	50	2.4803	2.756	1.909	1.220	1.417	1-8	0	7.28

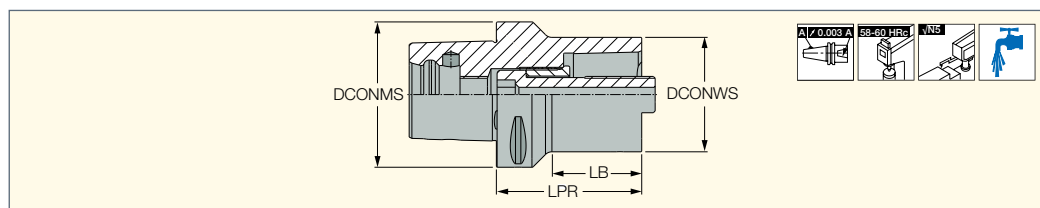
⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip



CAMFIX

RE-C#

CAMFIX Reduction Adapters



M E T R I C						
Designation	DCONMS	DCONWS	LPR	LB	DCP ⁽¹⁾	
C6 RE C4X080	63.00	40.00	80.00	51.40	0	1.20
C6 RE C5X080	63.00	50.00	80.00	51.50	0	1.50
C8 RE C3X060	80.00	32.00	60.00	29.30	0	1.70
C8 RE C4X070	80.00	40.00	70.00	36.50	0	1.90
C8 RE C5X080	80.00	50.00	80.00	49.30	0	2.20
C8 RE C6X080	80.00	63.00	80.00	53.10	0	2.50

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

Spare Parts

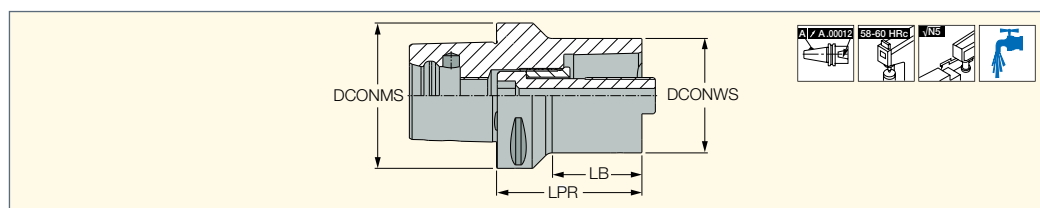
Designation						
C6 RE C4X080	SR M14X58 C4	HW 8.0°	MT RING M22X17XC4	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH C4 DRW NUT*
C6 RE C5X080	SR M16X70 C5	HW 10.0°	MT RING M25X20XC5	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH C5 DRW NUT*
C8 RE C3X060	SR M12X50 C3	HW 7.0°	MT RING M18X15XC3	COOLING TUBE C8*	WRENCH COOL TUBE C8*	WRENCH C3 DRW NUT*
C8 RE C4X070	SR M14X58 C4	HW 8.0°	MT RING M22X17XC4	COOLING TUBE C8*	WRENCH COOL TUBE C8*	WRENCH C4 DRW NUT*
C8 RE C5X080	SR M16X70 C5	HW 10.0°	MT RING M25X20XC5	COOLING TUBE C8*	WRENCH COOL TUBE C8*	WRENCH C5 DRW NUT*
C8 RE C6X080	SR M20X87 C6/8	HW 14.0°	MT RING M30X24XC6/8	COOLING TUBE C8*	WRENCH COOL TUBE C8*	WRENCH C6-8 DRW NUT*

* Optional, to be ordered separately

CAMFIX

RE-C#

CAMFIX Reduction Adapters



I N C H						
Designation	DCONMS	DCONWS	LPR	LB	DCP ⁽¹⁾	
C6 RE C4X080	2.480	1.5748	3.150	2.024	0	2.65
C6 RE C5X080	2.480	1.9685	3.150	2.028	0	3.31
C8 RE C3X060	3.150	1.2598	2.362	1.154	0	3.75
C8 RE C4X070	3.150	1.5748	2.756	1.437	0	4.19
C8 RE C5X080	3.150	1.9685	3.150	1.941	0	4.85
C8 RE C6X080	3.150	2.4803	3.150	2.091	0	5.51

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

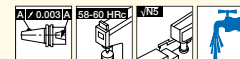
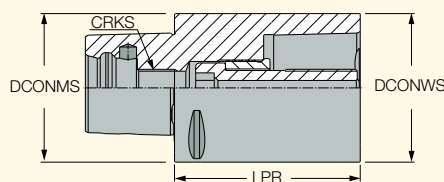
Spare Parts

Designation						
C6 RE C4X080	SR M14X58 C4	HW 8.0°	MT RING M22X17XC4	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH C4 DRW NUT*
C6 RE C5X080	SR M16X70 C5	HW 10.0°	MT RING M25X20XC5	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH C5 DRW NUT*
C8 RE C3X060	SR M12X50 C3	HW 7.0°	MT RING M18X15XC3	COOLING TUBE C8*	WRENCH COOL TUBE C8*	WRENCH C3 DRW NUT*
C8 RE C4X070	SR M14X58 C4	HW 8.0°	MT RING M22X17XC4	COOLING TUBE C8*	WRENCH COOL TUBE C8*	WRENCH C4 DRW NUT*
C8 RE C5X080	SR M16X70 C5	HW 10.0°	MT RING M25X20XC5	COOLING TUBE C8*	WRENCH COOL TUBE C8*	WRENCH C5 DRW NUT*
C8 RE C6X080	SR M20X87 C6/8	HW 14.0°	MT RING M30X24XC6/8	COOLING TUBE C8*	WRENCH COOL TUBE C8*	WRENCH C6-8 DRW NUT*

* Optional, to be ordered separately

**CAMFIX****EX C# (CAMFIX extension)**

CAMFIX Extension Adapters

**M E T R I C**

Designation	DCONMS	DCONWS	LPR	CRKS	DCP ⁽¹⁾	kg
C3 EX C3X060	32.00	32.00	60.00	M12	0	0.40
C3 EX C3X080	32.00	32.00	80.00	M12	0	0.50
C4 EX C4X060	40.00	40.00	60.00	M14	0	0.50
C4 EX C4X080	40.00	40.00	80.00	M14	0	0.70
C5 EX C5X080	50.00	50.00	80.00	M16	0	1.13
C5 EX C5X100	50.00	50.00	100.00	M16	0	1.42
C6 EX C6X100	63.00	63.00	100.00	M20	0	2.23
C6 EX C6X140	63.00	63.00	140.00	M20	0	3.13
C8 EX C8X100	80.00	80.00	100.00	M20	0	3.65
C8 EX C8X125	80.00	80.00	125.00	M20	0	4.60

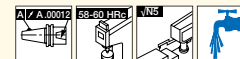
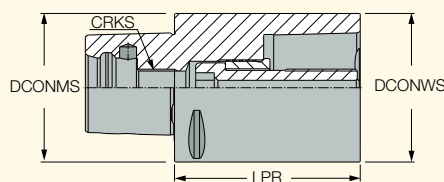
⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip**Spare Parts**

Designation						
C3 EX C3X060	SR M12X50 C3	HW 7.0"	MT RING M18X15XC3	COOLING TUBE C3*	WRENCH COOL TUBE C3*	WRENCH C3 DRW NUT*
C3 EX C3X080	SR M12X50 C3	HW 7.0"	MT RING M18X15XC3	COOLING TUBE C3*	WRENCH COOL TUBE C3*	WRENCH C3 DRW NUT*
C4 EX C4X060	SR M14X58 C4	HW 8.0"	MT RING M22X17XC4	COOLING TUBE C4*	WRENCH COOL TUBE C4*	WRENCH C4 DRW NUT*
C4 EX C4X080	SR M14X58 C4	HW 8.0"	MT RING M22X17XC4	COOLING TUBE C4*	WRENCH COOL TUBE C4*	WRENCH C4 DRW NUT*
C5 EX C5X080	SR M16X70 C5	HW 10.0"	MT RING M25X20XC5	COOLING TUBE C5*	WRENCH COOL TUBE C5*	WRENCH C5 DRW NUT*
C5 EX C5X100	SR M16X70 C5	HW 10.0"	MT RING M25X20XC5	COOLING TUBE C5*	WRENCH COOL TUBE C5*	WRENCH C5 DRW NUT*
C6 EX C6X100	SR M20X87 C6/8	HW 14.0"	MT RING M30X24XC6/8	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH C6-8 DRW NUT*
C6 EX C6X140	SR M20X87 C6/8	HW 14.0"	MT RING M30X24XC6/8	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH C6-8 DRW NUT*
C8 EX C8X100	SR M20X87 C6/8	HW 14.0"	MT RING M30X24XC6/8	COOLING TUBE C8*	WRENCH COOL TUBE C8*	WRENCH C6-8 DRW NUT*
C8 EX C8X125	SR M20X87 C6/8	HW 14.0"	MT RING M30X24XC6/8	COOLING TUBE C8*	WRENCH COOL TUBE C8*	WRENCH C6-8 DRW NUT*

* Optional, to be ordered separately

CAMFIX**EX C# (CAMFIX extension)**

CAMFIX Extension Adapters

**I N C H**

Designation	DCONMS	DCONWS	LPR	CRKS	DCP ⁽¹⁾	Lbs
C3 EX C3X060	1.260	1.2598	2.362	M12	0	.88
C3 EX C3X080	1.260	1.2598	3.150	M12	0	1.10
C4 EX C4X060	1.575	1.5748	2.362	M14	0	1.10
C4 EX C4X080	1.575	1.5748	3.150	M14	0	1.54
C5 EX C5X080	1.968	1.9685	3.150	M16	0	2.49
C5 EX C5X100	1.968	1.9685	3.937	M16	0	3.13
C6 EX C6X100	2.480	2.4803	3.937	M20	0	4.92
C6 EX C6X140	2.480	2.4803	5.512	M20	0	6.90
C8 EX C8X100	3.150	3.1496	3.937	M20	0	8.05
C8 EX C8X125	3.150	3.1496	4.921	M20	0	10.14

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip**Spare Parts**

Designation						
C3 EX C3X060	SR M12X50 C3	HW 7.0"	MT RING M18X15XC3	COOLING TUBE C3*	WRENCH COOL TUBE C3*	WRENCH C3 DRW NUT*
C3 EX C3X080	SR M12X50 C3	HW 7.0"	MT RING M18X15XC3	COOLING TUBE C3*	WRENCH COOL TUBE C3*	WRENCH C3 DRW NUT*
C4 EX C4X060	SR M14X58 C4	HW 8.0"	MT RING M22X17XC4	COOLING TUBE C4*	WRENCH COOL TUBE C4*	WRENCH C4 DRW NUT*
C4 EX C4X080	SR M14X58 C4	HW 8.0"	MT RING M22X17XC4	COOLING TUBE C4*	WRENCH COOL TUBE C4*	WRENCH C4 DRW NUT*
C5 EX C5X080	SR M16X70 C5	HW 10.0"	MT RING M25X20XC5	COOLING TUBE C5*	WRENCH COOL TUBE C5*	WRENCH C5 DRW NUT*
C5 EX C5X100	SR M16X70 C5	HW 10.0"	MT RING M25X20XC5	COOLING TUBE C5*	WRENCH COOL TUBE C5*	WRENCH C5 DRW NUT*
C6 EX C6X100	SR M20X87 C6/8	HW 14.0"	MT RING M30X24XC6/8	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH C6-8 DRW NUT*
C6 EX C6X140	SR M20X87 C6/8	HW 14.0"	MT RING M30X24XC6/8	COOLING TUBE C6*	WRENCH COOL TUBE C6*	WRENCH C6-8 DRW NUT*
C8 EX C8X100	SR M20X87 C6/8	HW 14.0"	MT RING M30X24XC6/8	COOLING TUBE C8*	WRENCH COOL TUBE C8*	WRENCH C6-8 DRW NUT*
C8 EX C8X125	SR M20X87 C6/8	HW 14.0"	MT RING M30X24XC6/8	COOLING TUBE C8*	WRENCH COOL TUBE C8*	WRENCH C6-8 DRW NUT*

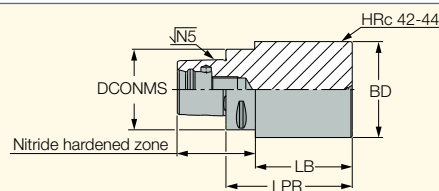
* Optional, to be ordered separately

ISCAR

CAMFIX

C#-B4340 (blank)

Blanks with CAMFIX
(ISO 26623-1 Standard)
Exchangeable Tapered Shanks



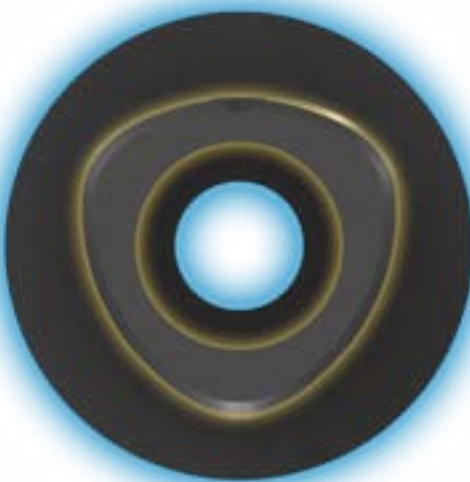
M E T R I C

Designation	DCONMS	BD	LPR	LB	DCP ⁽¹⁾		
C3 B4340 032090	32.00	32.00	90.00	-	0	0.60	COOLING TUBE C3* WRENCH COOL TUBE C3*
C3 B4340 050125	32.00	50.00	125.00	108.2	0	1.81	COOLING TUBE C3* WRENCH COOL TUBE C3*
C3 B4340 060090	32.00	60.00	90.00	73.2	0	0.28	COOLING TUBE C3* WRENCH COOL TUBE C3*
C3 B4340 070060	32.00	70.00	60.00	43.2	0	0.00	COOLING TUBE C3* WRENCH COOL TUBE C3*
C3 B4340 090070	32.00	90.00	70.00	53.0	0	2.80	COOLING TUBE C3* WRENCH COOL TUBE C3*
C4 B4340 040055	40.00	40.00	55.00	35.0	1	1.02	COOLING TUBE C4* WRENCH COOL TUBE C4*
C4 B4340 040095	40.00	40.00	95.00	75.0	1	0.00	COOLING TUBE C4* WRENCH COOL TUBE C4*
C4 B4340 052065	40.00	52.00	65.00	44.0	1	0.00	COOLING TUBE C4* WRENCH COOL TUBE C4*
C4 B4340 060165	40.00	60.00	165.00	144.0	1	3.47	COOLING TUBE C4* WRENCH COOL TUBE C4*
C4 B4340 066055	40.00	66.00	55.00	35.0	1	1.16	COOLING TUBE C4* WRENCH COOL TUBE C4*
C4 B4340 080050	40.00	80.00	50.00	28.2	1	1.38	COOLING TUBE C4* WRENCH COOL TUBE C4*
C4 B4340 080075	40.00	80.00	75.00	54.0	1	2.38	COOLING TUBE C4* WRENCH COOL TUBE C4*
C4 B4340 100085	40.00	100.00	85.00	64.0	1	4.10	COOLING TUBE C4* WRENCH COOL TUBE C4*
C5 B4340 050065	50.00	50.00	65.00	45.0	1	1.12	COOLING TUBE C5* WRENCH COOL TUBE C5*
C5 B4340 050125	50.00	50.00	125.00	105.0	1	2.06	COOLING TUBE C5* WRENCH COOL TUBE C5*
C5 B4340 075065	50.00	75.00	65.00	43.2	1	3.80	COOLING TUBE C5* WRENCH COOL TUBE C5*
C5 B4340 075175	50.00	75.00	175.00	154.0	1	5.79	COOLING TUBE C5* WRENCH COOL TUBE C5*
C5 B4340 090050	50.00	90.00	50.00	28.2	1	2.30	COOLING TUBE C5* WRENCH COOL TUBE C5*
C5 B4340 090065	50.00	90.00	65.00	43.2	1	1.95	COOLING TUBE C5* WRENCH COOL TUBE C5*
C5 B4340 090080	50.00	90.00	80.00	59.0	1	3.37	COOLING TUBE C5* WRENCH COOL TUBE C5*
C5 B4340 110090	50.00	110.00	90.00	69.0	1	5.61	COOLING TUBE C5* WRENCH COOL TUBE C5*
C6 B4340 063100	63.00	63.00	100.00	78.0	1	2.72	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 B4340 075195	63.00	75.00	195.00	172.0	1	6.78	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 B4340 095050	63.00	95.00	50.00	26.2	1	2.25	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 B4340 110085	63.00	110.00	85.00	62.0	1	5.38	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 B4340 120180	63.00	120.00	180.00	157.0	1	14.73	COOLING TUBE C6* WRENCH COOL TUBE C6*
C6 B4340 130095	63.00	130.00	95.00	72.0	1	8.24	COOLING TUBE C6* WRENCH COOL TUBE C6*
C8 B4340 080200	80.00	80.00	200.00	170.0	1	8.45	COOLING TUBE C8* WRENCH COOL TUBE C8*
C8 B4340 120160	80.00	120.00	160.00	129.0	1	13.21	COOLING TUBE C8* WRENCH COOL TUBE C8*
C8 B4340 130090	80.00	130.00	90.00	59.0	1	7.89	COOLING TUBE C8* WRENCH COOL TUBE C8*
C8 B4340 145200	80.00	145.00	200.00	169.0	1	23.95	COOLING TUBE C8* WRENCH COOL TUBE C8*

• Material SAE 4340

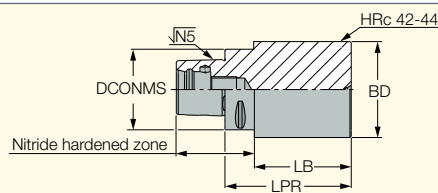
⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

* Optional, to be ordered separately



CAMFIX**C#-B4340 (blank)**

Blanks with CAMFIX
(ISO 26623-1 Standard)
Exchangeable Tapered Shanks

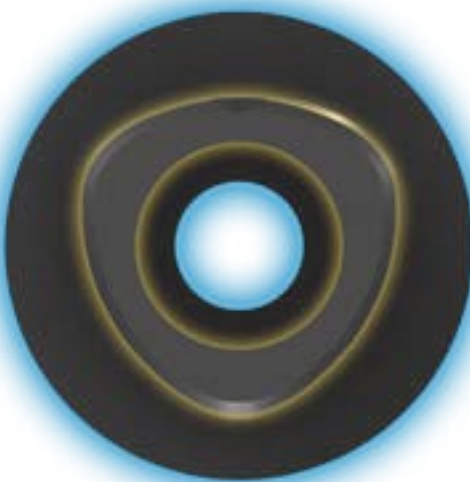


I N C H								
Designation	DCONMS	BD	LPR	LB	DCP ⁽¹⁾	Lbs		
C3 B4340 032090	1.260	1.260	3.543	-	0	1.32	COOLING TUBE C3*	WRENCH COOL TUBE C3*
C3 B4340 050125	1.260	1.968	4.921	4.260	0	3.99	COOLING TUBE C3*	WRENCH COOL TUBE C3*
C3 B4340 060090	1.260	2.362	3.543	2.882	0	.61	COOLING TUBE C3*	WRENCH COOL TUBE C3*
C3 B4340 070060	1.260	2.756	2.362	1.701	0	0	COOLING TUBE C3*	WRENCH COOL TUBE C3*
C3 B4340 090070	1.260	3.543	2.756	2.087	0	6.17	COOLING TUBE C3*	WRENCH COOL TUBE C3*
C4 B4340 040055	1.575	1.575	2.165	1.378	1	2.26	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C4 B4340 040095	1.575	1.575	3.740	2.953	1	0	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C4 B4340 052065	1.575	2.047	2.559	1.732	1	0	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C4 B4340 060165	1.575	2.362	6.496	5.669	1	7.65	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C4 B4340 066055	1.575	2.598	2.165	1.378	1	2.55	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C4 B4340 080050	1.575	3.150	1.968	1.110	1	3.05	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C4 B4340 080075	1.575	3.150	2.953	2.126	1	5.25	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C4 B4340 100085	1.575	3.937	3.346	2.520	1	9.04	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C5 B4340 050065	1.968	1.968	2.559	1.772	1	2.47	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 B4340 050125	1.968	1.968	4.921	4.134	1	4.53	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 B4340 075065	1.968	2.953	2.559	1.701	1	8.38	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 B4340 075175	1.968	2.953	6.890	6.063	1	12.78	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 B4340 090050	1.968	3.543	1.968	1.110	1	5.07	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 B4340 090065	1.968	3.543	2.559	1.701	1	4.30	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 B4340 090080	1.968	3.543	3.150	2.323	1	7.43	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C5 B4340 110090	1.968	4.331	3.543	2.717	1	12.37	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C6 B4340 063100	2.480	2.480	3.937	3.071	1	6.00	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 B4340 075195	2.480	2.953	7.677	6.772	1	14.94	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 B4340 095050	2.480	3.740	1.968	1.031	1	4.97	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 B4340 110085	2.480	4.331	3.346	2.441	1	11.87	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 B4340 120180	2.480	4.724	7.087	6.181	1	32.47	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 B4340 130095	2.480	5.118	3.740	2.835	1	18.16	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C8 B4340 080200	3.150	3.150	7.874	6.693	1	18.63	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 B4340 120160	3.150	4.724	6.299	5.079	1	29.14	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 B4340 130090	3.150	5.118	3.543	2.323	1	17.39	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 B4340 145200	3.150	5.709	7.874	6.654	1	52.82	COOLING TUBE C8*	WRENCH COOL TUBE C8*

• Material SAE 4340

⁽¹⁾ 1 - Slot for data chip, 0 - Without slot for data chip

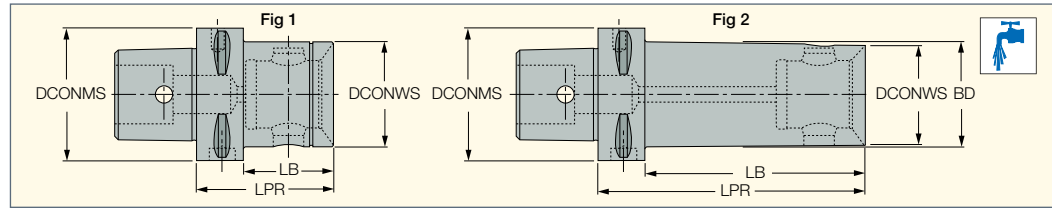
* Optional, to be ordered separately



ITSBORE CAMFIX

C#-MB

MB Modular Boring Connection
System with CAMFIX
Exchangeable Shanks



M E T R I C										
Designation	DCONMS	DCONWS	LPR	LB	BD	Fig.	kg			
C4 MB32X42	40.00	32.00	42.00	22.0	-	1.	0.30	HW 4.0	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C5 MB50X55	50.00	50.00	55.00	-	-	1.	0.72	HW 6.0	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C6 MB40X50	63.00	40.00	50.00	28.0	-	1.	0.90	HW 5.0	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 MB40X120	63.00	40.00	120.00	98.0	44.00	2.	1.50	HW 5.0	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 MB50X55	63.00	50.00	55.00	33.0	50.00	2.	0.80	HW 6.0	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 MB50X67	63.00	50.00	67.00	45.0	-	1.	1.10	HW 6.0	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 MB50X120	63.00	50.00	120.00	98.0	54.00	2.	1.90	HW 6.0	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 MB63X77	63.00	63.00	77.00	-	-	1.	1.54	HW 8.0	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C8 MB50X60	80.00	50.00	60.00	30.0	-	1.	1.99	HW 6.0	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 MB50X120	80.00	50.00	120.00	90.0	54.00	2.	2.80	HW 6.0	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 MB63X70	80.00	63.00	70.00	40.0	-	1.	2.16	HW 8.0	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 MB63X150	80.00	63.00	150.00	120.0	67.00	2.	4.00	HW 8.0	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 MB80X75	80.00	80.00	75.00	-	-	1.	2.60	HW 8.0	COOLING TUBE C8*	WRENCH COOL TUBE C8*

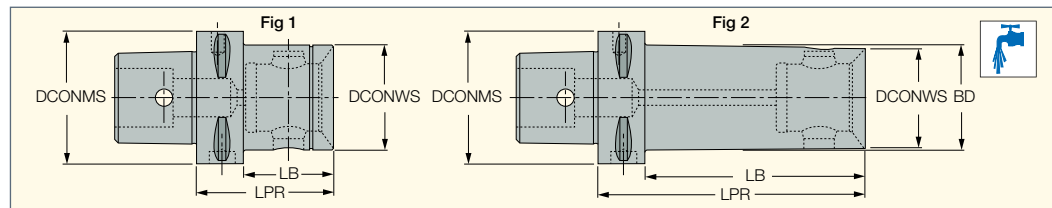
• Verify that the weight of the entire tool assembly does not exceed the machine spindle's carrying capability.

* Optional, to be ordered separately

ITSBORE CAMFIX

C#-MB

MB Modular Boring Connection
System with CAMFIX
Exchangeable Shanks



I N C H										
Designation	DCONMS	DCONWS	LPR	LB	BD	Fig.	Lbs			
C4 MB32X42	1.575	1.2598	1.654	.866	-	1.	.66	HW 4.0	COOLING TUBE C4*	WRENCH COOL TUBE C4*
C5 MB50X55	1.968	1.9685	2.165	-	-	1.	1.58	HW 6.0	COOLING TUBE C5*	WRENCH COOL TUBE C5*
C6 MB40X50	2.480	1.5748	1.968	1.102	-	1.	1.98	HW 5.0	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 MB40X120	2.480	1.5748	4.724	3.858	1.732	2.	3.31	HW 5.0	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 MB50X55	2.480	1.9685	2.165	1.299	1.968	2.	1.76	HW 6.0	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 MB50X67	2.480	1.9685	2.638	1.772	-	1.	2.43	HW 6.0	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 MB50X120	2.480	1.9685	4.724	3.858	2.126	2.	4.19	HW 6.0	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C6 MB63X77	2.480	2.4803	3.031	-	-	1.	3.41	HW 8.0	COOLING TUBE C6*	WRENCH COOL TUBE C6*
C8 MB50X60	3.150	1.9685	2.362	1.181	-	1.	4.38	HW 6.0	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 MB50X120	3.150	1.9685	4.724	3.543	2.126	2.	6.17	HW 6.0	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 MB63X70	3.150	2.4803	2.756	1.575	-	1.	4.76	HW 8.0	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 MB63X150	3.150	2.4803	5.906	4.724	2.638	2.	8.82	HW 8.0	COOLING TUBE C8*	WRENCH COOL TUBE C8*
C8 MB80X75	3.150	3.1496	2.953	-	-	1.	5.73	HW 8.0	COOLING TUBE C8*	WRENCH COOL TUBE C8*

• Verify that the weight of the entire tool assembly does not exceed the machine spindle's carrying capability.

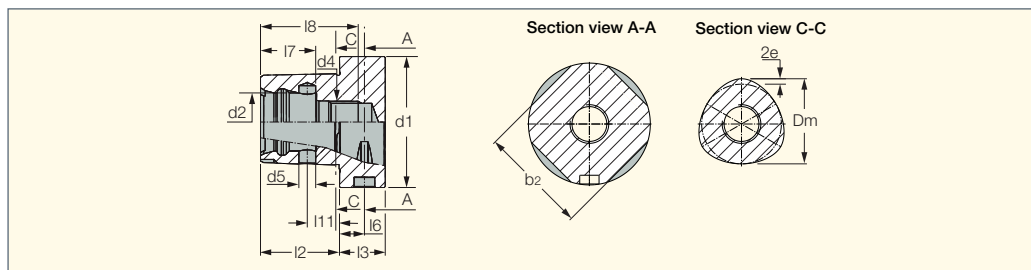
* Optional, to be ordered separately



CAMFIX

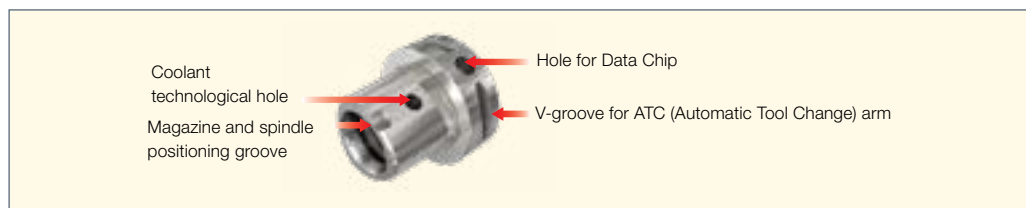
CAMFIX ISO 26623-1

Toolholder Standard



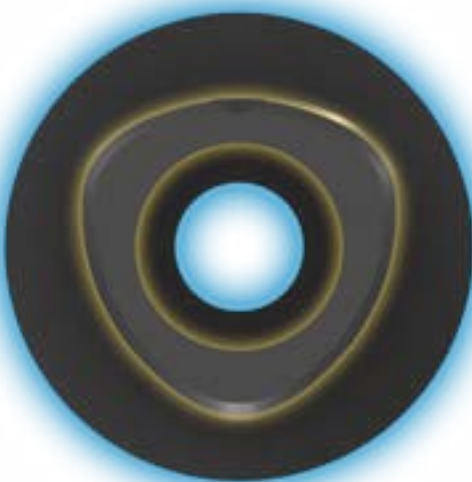
	M E T R I C													
CAMFIX	b2	d1 ±0.1	d2	d4	d5 ±0.1	Dm	e	l1	l2 ±0.1	l3 min	l6 ±0.15	l7 ±0.15	l8 min	l11 ±0.1
C3	28.3	32	15	M12x1.5	3.6	22	0.7	2.5	19	15	6	13	25	8
C4	35.3	40	18	M14x1.5	4.6	28	0.9	2.5	24	20	8	15	30	8
C5	44.4	50	21	M16x1.5	6.1	35	1.12	3	30	20	10	20	37	14
C6	55.8	63	28	M20x2	8.1	44	1.4	3	38	22	12	27	47	15.5
C8	71.1	80	32	M20x2	9.1	55	2	3	48	30	12	28	48	25
C8X	88.7	100	32	M20x2	9.1	55	2	3	48	32	16	28	48	25
C10	88.3	100	43	M20x2	12	72	2.8	3	60	36	16	40	70	26.5

CAMFIX - ISO 26623-1 Standard Quick Change Shanks



Features

- **Symmetrical design:** Due to the symmetrical design, the torque load is distributed on the polygon, providing a self-centering effect.
- **Rigidity:** The **CAMFIX** clamping mechanism is extremely rigid against bending forces.
- **Accuracy:** The taper and face contact ensure high repeatability within 2 microns, when operated with an automatic tool changer.



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