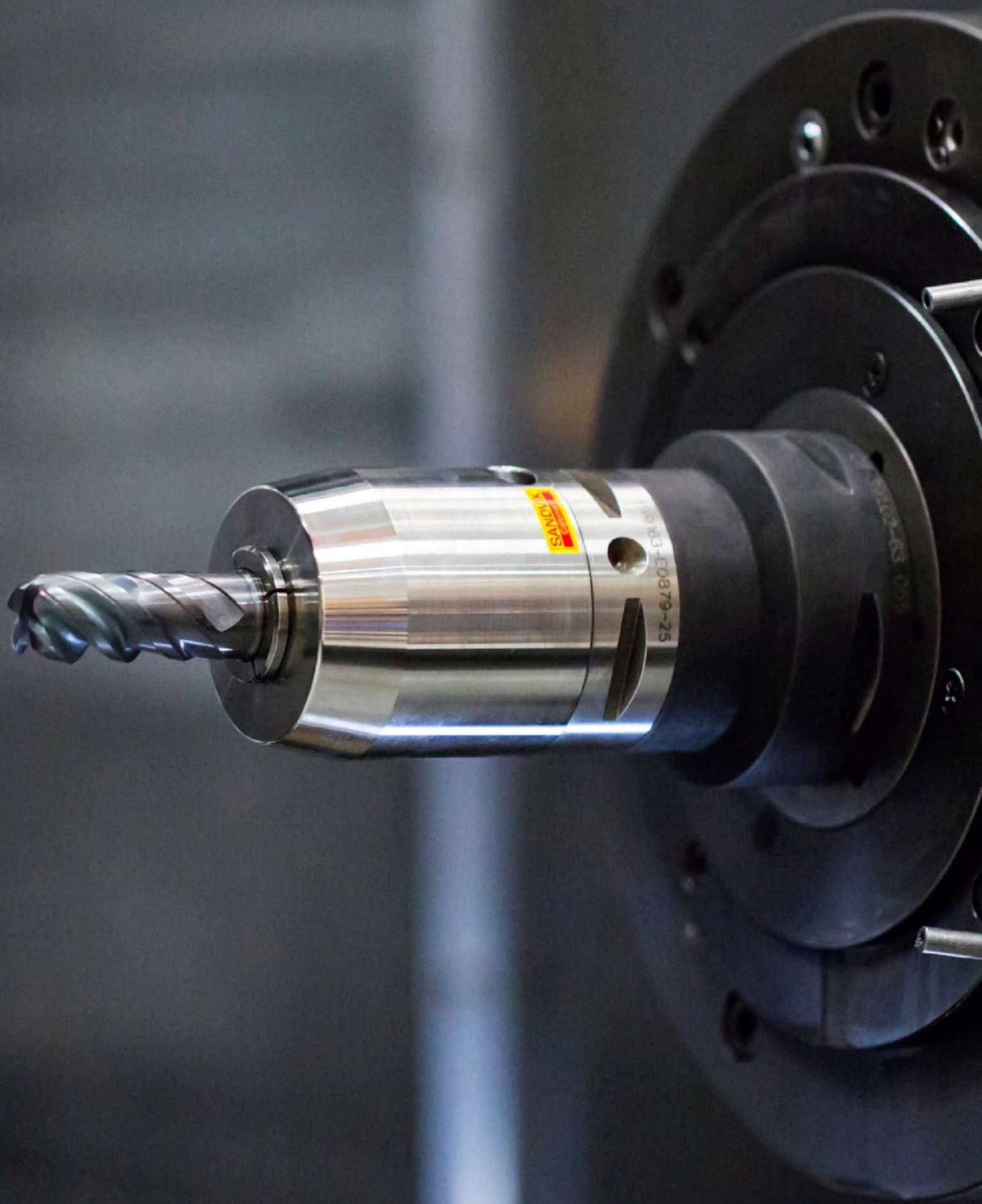


Rotating tools

Rotating tool adapters



2015



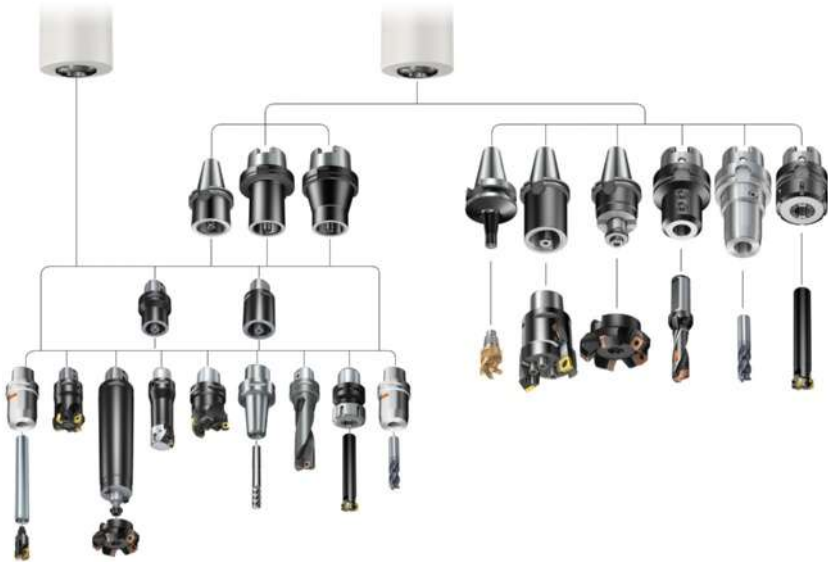
Machining center adapters

Complete offer for all machine requirements

Coromant Capto® integrated

Modular assemblies

Solid holders

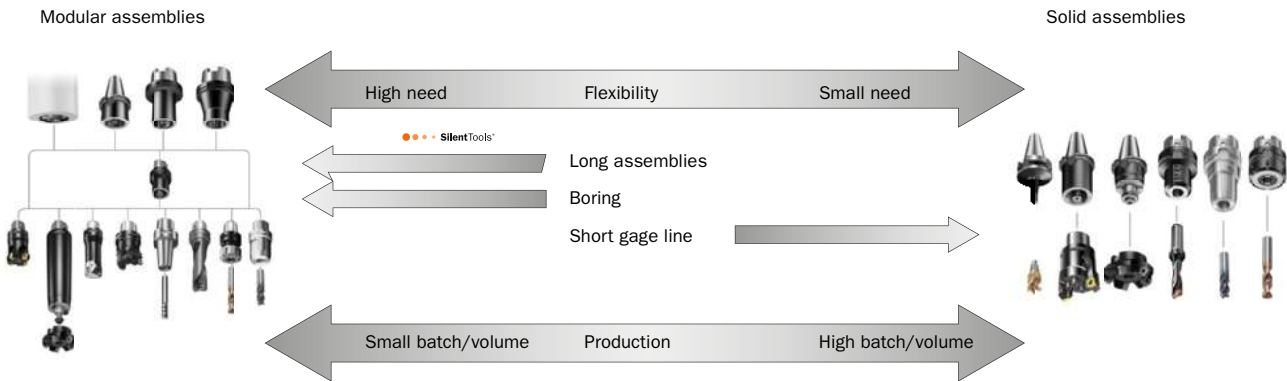


All main machine interfaces covered



CAT-V 40	CAT V BIG-PLUS® 40	HSK A/C 40	Coromant Capto® C3
CAT-V 50	CAT V BIG-PLUS® 50	HSK A/C 50	Coromant Capto® C4
CAT-V 60		HSK A/C 63	Coromant Capto® C5
ISO 40	ISO BIG-PLUS® 40	HSK A/C 80	Coromant Capto® C6
ISO 50	ISO BIG-PLUS® 50	HSK A/C 100	Coromant Capto® C8
ISO 60		HSK A/C 125	Coromant Capto® C10
MAS-BT 30	MAS-BT BIG-PLUS® 30	HSK A/C 160	
MAS-BT 40	MAS-BT BIG-PLUS® 40	HSK A/C/T 40	
MAS-BT 50	MAS-BT BIG-PLUS® 50	HSK A/C/T 63	
MAS-BT 60		HSK A/C/T 100	
		HSK F 80 (with pins)	

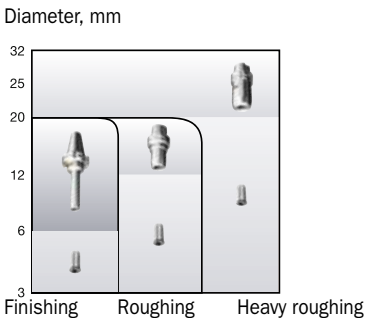
Tooling guidelines – Modular versus solid



CoroChuck™ 930

High precision hydraulic chuck
For stable machining in milling and drilling

Page 043



Application

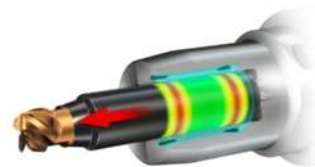
Suitable for milling and drilling operations where precision, easy handling, and high pull-out security are required

Clamping possibilities

- Technical features**
- Precision run out <4 µm at 2.5 × cutter diameter
 - Adjustable clamping lengths with an adjustment screw
 - Easy handling with torque wrench used for secure clamping

		Cylindrical	Weldon	Whistle Notch	ISO 9766
	Bore size, mm				
	With collet	✓	✓	✓	✓
	6, 12, 20	✓	✓	✓	✗
	25, 32	✓	✗	✗	✗

CoroChuck™ 930 can be used with or without reduction collets. For internal coolant use 393.CGS collets and for external coolant use 393.CG.



Fulcrum technology* gives best pull-out security on the market. It allows for secure clamping with two supports on each side (fulcrums).



Also available with BIG-PLUS interface for machining centers.

Tailor Made

The HD and Slender versions with length options in many different machine interfaces are available as Tailor Made.

CoroChuck™ 970

Tapping chuck

For a secure tapping process

Page 054



Application

- For elimination of oversized threading
- Suitable for all synchronized tapping operations

Technical features

- Synchronized tapping reduces thrust force on tap flanks
- Provides accurate depth thanks to limited axial compensation
- Improved design for internal coolant
- Suitable for high-pressure coolant up to 80 bar (1160 psi)

Available coupling types

- Coromant Capto®
- ISO-Cone (ISO, MAS-BT, CAT-V)
- HSK
- Cylindrical
- Weldon

Product range

Design	Coromant Capto® coupling size	ISO-Cone (ISO, MAS-BT, CAT-V)	HSK	Cylindrical	Weldon	ER size
SynchroFlex®	C3, C4, C5, C6, C8, C10	30, 40, 50	63, 100	12, 16, 20	12, 16, 25, 25A	8, 11, 20, 25, 40

How to select toolholding

1 Select tool assembly method

- For modular or solid, from the table of contents on page 10.

2 Select an adapter style

- Use the program overview for the system to choose an adapter based on the type of machining and machine tool application.
- Coromant Capto® rotating, page 01

3 Select a coupling size

Turn to the ordering page and

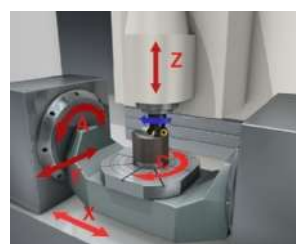
- Select the right coupling size
- Select adapter for assembly

4 Select basic holder

- Use the program overview to choose a holder based on machine type.
- Select the right coupling type and taper size.

5 Add extensions if necessary

- Add extensions where needed to complete gauge length requirements. Use the program overview to find a suitable extension.



Symbols for page references:



Accessories



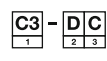
Tailor Made options



Explanation of ISO 13399 parameters



Coolant-supply information



Code key

Coromant Capto®

Modular tooling						
	Extension adapter	Short extension adapter, for segment clamping only	Reduction adapter	Short reduction adapter, for segment clamping only	Coolant-inducer adapter	Coromant EH adapter
						
Tool style code	Cx-391.01	Cx-391.01	Cx-391.02	Cx-391.02	Cx-391.02CCH	Cx-391.EH Cx-A391.EH
Page	O14	O14	O15	O16	O16	O17
Adaptive Interface Workpiece side						
Tooling example						
Adapters						
	Facemill adapter	Dampened face mill adapter	Dampened face mill adapter	Side and facemill adapter	Adapter for VL tools	Weldon shank adapter
		 ● ● ● SilentTools®	 ● ● ● SilentTools®			
Tool style code	Cx-391.05C Cx-A391.05C Cx-391.05 Cx-A391.05	Cx-391.05CD Cx-A391.05CD	Cx-391.06	Cx-391.10 Cx-A391.10	Cx-391.01-V	Cx-391.20 Cx-A391.20
Page	O23	O29	O30	O32	O34	O35
Application	Milling	Milling	Boring	Milling	Drilling	Milling
Adaptive Interface Workpiece side						
Tooling example						

Coromant Capto®

	Adapters						
	Drill adapter ISO 9766	ISO 9766 Adjustable adapter	Weldon / Drill shank adapter ISO 9766	CoroMill® 327, for segment clamping only			
							
Tool style code	Cx-391.27	Cx-391.277	Cx-391.23 Cx-A391.23	Cx-391.327			
Page	O39	O40	O41	O42			
Application	Drilling	Drilling	Milling/Drilling	Milling			
Adaptive Interface Workpiece side							
Tooling example							

Coromant Capto®

	Chucks							
	CoroChuck™ 930			Shrink fit	Shrink fit with iLock	ER-Collet chuck adapter	Drill chuck	
	Heavy Duty	Slender	Pencil					
Tool style code	930-Cx-HD	930-Cx-S	930-Cx-P	Cx-391.19 Cx-A391.19	Cx-391.19Y	Cx-391.14	Cx-391.32	
Page	O43	O44	O45	O46	O49	O50	O53	
Application	Milling/Drilling	Milling/Drilling	Milling/Drilling	Milling/Drilling	Milling	Milling/Drilling	Drilling	
Adaptive Interface Workpiece side								
Tooling example								
	Chucks		Tap adapters			Blanks		
	CoroChuck™ 970		Quick change tapping chuck	Floating rubber collet chuck				
								
	Tool style code		970-Cx	Cx-391.60 Cx-391.61		391.60B		Cx-391.50
	Page		O54	O55		O56		O57
	Application		Tapping	Tapping		Tapping		
Adaptive Interface Workpiece side								
Tooling example								

HSK

	Modular tooling						
	Machine interface adapters HSK A/C		Machine interface adapter HSK A/C/T	Machine interface adapter HSK F with pins	Coromant EH adapter		
		Heavy duty 					
Tool style code	Cx-390.410	Cx-390.410HD	Cx-390.419	Cx-390.612	392.410EH		
Page	O58	O59	O60	O60	O61		
Adaptive Interface Workpiece side							
Tooling example							
	Adapters						
	Facemill adapter	Dampened face mill adapter	HSK to VL adapter	End mill adapter Weldon	Drill adapter ISO 9766 shank	Adjustable drill adapter	
		 ● ● ● SilentTools®					
Tool style code	392.41005C A392.41005C 392.41005 A392.41005	392.41005CD A392.41005CD	390.410	392.41020 A392.41020	392.41027	392.410277	
Page	O63	O67	O68	O69	O71	O72	
Application	Milling	Milling	Drilling	Milling	Drilling	Drilling	
Adaptive Interface Workpiece side							
Tooling example							

HSK

	Chucks						
	CoroChuck™ 930			Shrink fit with iLock	ER-collet chuck	CoroChuck™ 970	
	Heavy Duty	Slender	Pencil				
							
Tool style code	930-HAxx-HD	930-HAxx-S	930-HAxx-P	392.41019Y	392.41014	970-HAxx	
Page	O73	O73	O74	O75	O76	O77	
Application	Milling/Drilling	Milling/Drilling	Milling/Drilling	Milling	Milling/Drilling	Tapping	
Adaptive Interface Workpiece side							
Tooling example							
	Blanks						
							
Tool style code	392.41050						
Page	O78						
Application							
Adaptive Interface Workpiece side							
Tooling example							

Modular tooling						
Machine interface adapters Coromant Capto®					Coromant EH adapter	
		90° rotated polygon	Manual Tool Change	Camshaft clamping		
						
BIG-PLUS ISO	Cx-390.540 Cx-390B.540					
Page	O79					
BIG-PLUS MAS-BT	Cx-390B.555 Cx-390B.558	Cx-390.562				
Page	O85	O86				
BIG-PLUS CAT-V ASME B5.50-1985	Cx-A390.545	Cx-A390.546				
Page	O93	O94				
BIG-PLUS CAT-V ASME B5.50-2009	Cx-A390.544					
Page	O93					
BIG-PLUS CAT-V HD Design		Cx-A390.547				
Page		O94				
ISO 7388.1	Cx-390B.140				392.140EH	
Page	O100				O101	
MAS-BT 403	Cx-390B.55 Cx-390B.58	Cx-A390.605			392.55EH	
Page	O115	O116			O117	
CAT-V ASME B5.50 1985	Cx-A390.45				A392.45EH	
Page	O135				O136	
CAT-V ASME B5.50 2009	Cx-A390B.45 Cx-A390.44					
Page	O134					
DIN 2080			Cx-390.00			
Page			O150			
NMTB			Cx-A390.00			
Page			O151			
DIN 2079				Cx-390.34705		
Page				O152		
Adaptive Interface Workpiece side						
Tooling example						

	Adapters					
	Facemill adapter	Side and facemill adapter	Adapter for VL tools	Weldon shank adapter	Drill adapter ISO 9766	Weldon/drill shank adapter ISO 9766
						
BIG-PLUS ISO	392.54005C					392.54023
Page	O80					O81
BIG-PLUS MAS-BT	392.55805C 392.55505C		390.558			392.55823 392.55523
Page	O87		O88			O89
BIG-PLUS CAT-V ASME B5.50-1985						
Page						
BIG-PLUS CAT-V ASME B5.50-2009	A392.54505C					A392.54523
Page	O95					O96
ISO 7388.1	A1B05 A1F05	A1B08	390.140 390.272	A1B20 A1X20	A1B27	
Page	O102	O103	O104	O105	O108	
MAS-BT 403	A205 A2B05 A2F05	A208 A2B08	390.58	A2B20 A2X20 AA220 AA2B20	A227 A2B27	
Page	O118	O120	O121	O122	O126	
CAT-V ASME B5.50 1985	AA3B05	AA3B10	A390.45	392.45520 AA3B20	A3B27 AA3B27	
Page	O137	O138	O135	O140	O143	
CAT-V ASME B5.50 2009						
Page						
Application	Milling	Milling	Drilling	Milling	Drilling	Milling/Drilling
Adaptive Interface Workpiece side						
Tooling example						

	Chucks					
	CoroChuck™ 930			Shrink fit with iLock	ER collet chuck DIN 6499-B	CoroChuck™ 970
	Heavy Duty	Slender	Pencil			
						
BIG-PLUS ISO	930-IBxx-HD	930-IBxx-S	930-IBxx-P		392.54014	
Page	O82	O82	O83		O84	
BIG-PLUS MAS-BT	930-BBxx-HD	930-BBxx-S	930-BBxx-P		392.55514	
Page	O90	O90	O91		O92	
BIG-PLUS CAT-V ASME B5.50 1985					A392.54514	
Page					O99	
BIG-PLUS CAT-V ASME B5.50 2009	930-VBxx-HD	930-VBxx-S	930-VBxx-P			
Page	O97	O97	O98			
ISO 7388.1	930-lxx-HD	930-lxx-S	930-lxx-P	392.14019Y	A1B14	970-lxx
Page	O110	O110	O111	O112	O113	O114
MAS-BT 403	930-Bxx-HD	930-Bxx-S	930-Bxx-P	392.5519Y	A214 A2B14	970-Bxx
Page	O128	O128	O129	O130	O131	O133
CAT-V ASME B5.50 1985				A392.4519Y	AA3B14	
Page				O147	O148	
CAT-V ASME B5.50 2009	930-Vxx-HD	930-Vxx-S	930-Vxx-P			970-Vxx
Page	O145	O145	O146			O149
Application	Milling/Drilling	Milling/Drilling	Milling/Drilling	Milling	Milling/Drilling	Tapping
Adaptive Interface Workpiece side						
Tooling example						

Shanks and miscellaneous interfaces

Cylindrical shanks			
	Cylindrical shank to Coromant EH adapter	Cylindrical shank to CoroChuck™ 970	Cylindrical shank to ER collet chuck
			
Tool style code	AEHxx AExx-Axx..E AExx-Axx..S Exx-Axx-C EHxx-Axx-CE	970-CYxx	A393.14-xx
Page	O153	O160	O159
Application	Milling/Boring	Tapping	Milling/Drilling
Adaptive Interface Workpiece side			
Tooling example			

Weldon shanks			
Weldon to CoroMill® 327 adapter		Weldon shank to CoroChuck™ 970	Weldon to quick change tapping chuck
			
327-xx A327-xx		970-WExx	393.2060
O161		O163	O164
Milling		Tapping	Tapping
			
			

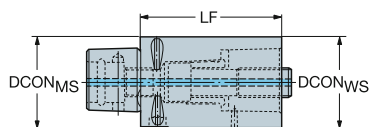
R8 (Bridgeport)			
	R8 to Coromant EH adapter	R8 to arbor adapter	
			
Tool style code	A392.R8EH	392.R8.05 A392.R8.05	
Page	O165	O166	
Application	Milling	Milling	
Adaptive Interface Workpiece side			
Tooling example			

ER		
ER to Coromant EH adapter	ER to CoroMill® 327 adapter	
		
EH-ER 392.EREH EH-ER-A A392.EREH	327-ER 392.ER327	
O167	O169	
Milling	Milling	
		
		

Coromant Capto® extension adapter

DSGN

1



					Dimensions, mm, inch						
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	BD ₁	CP Bar/PSI Kg
C3	C3	1	1	1	C3-391.01-32 060A	32.0 1.260	32.0 1.260	60.0 2.362	60.0 2.362	32.0 1.260	80 1160 0.33
	C3	1	1	1	C3-391.01-32 080A	32.0 1.260	32.0 1.260	80.0 3.150	80.0 3.150	32.0 1.260	80 1160 0.46
C4	C4	1	1	1	C4-391.01-40 060A	40.0 1.575	40.0 1.575	60.0 2.362	60.0 2.362	40.0 1.575	80 1160 0.52
	C4	1	1	1	C4-391.01-40 080A	40.0 1.575	40.0 1.575	80.0 3.150	80.0 3.150	40.0 1.575	80 1160 0.70
C5	C5	1	1	1	C5-391.01-50 080A	50.0 1.969	50.0 1.969	80.0 3.150	80.0 3.150	50.0 1.969	80 1160 1.10
	C5	1	1	1	C5-391.01-50 100A	50.0 1.969	50.0 1.969	100.0 3.937	100.0 3.937	50.0 1.969	80 1160 1.30
C6	C6	1	1	1	C6-391.01-63 100A	63.0 2.480	63.0 2.480	100.0 3.937	100.0 3.937	63.0 2.480	80 1160 2.32
	C6	1	1	1	C6-391.01-63 140A	63.0 2.480	63.0 2.480	140.0 5.512	140.0 5.512	63.0 2.480	80 1160 3.30
C8	C8	1	1	1	C8-391.01-80 100A	80.0 3.150	80.0 3.150	100.0 3.937	100.0 3.937	80.0 3.150	80 1160 3.44
	C8	1	1	1	C8-391.01-80 125A	80.0 3.150	80.0 3.150	125.0 4.921	125.0 4.921	80.0 3.150	80 1160 4.58
C10	C10	1	1	1	C10-391.01-100 140	100.0 3.937	100.0 3.937	140.0 5.512	140.0 5.512	100.0 3.937	80 1160 5.50

Short version, for segment clamping only

					Dimensions, mm, inch						
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	BD ₁	CP Bar/PSI Kg
C3	C3	1	1	2	C3-391.01-32 035	32.0 1.260	32.0 1.260	35.0 1.378	35.0 1.378	32.0 1.260	80 1160 0.20
C4	C4	1	1	2	C4-391.01-40 040	40.0 1.575	40.0 1.575	40.0 1.575	40.0 1.575	40.0 1.575	80 1160 0.40
C5	C5	1	1	2	C5-391.01-50 050	50.0 1.969	50.0 1.969	50.0 1.969	50.0 1.969	50.0 1.969	80 1160 0.89
C6	C6	1	1	2	C6-391.01-63 060	63.0 2.480	63.0 2.480	60.0 2.362	60.0 2.362	63.0 2.480	80 1160 1.30
C8	C8	1	1	2	C8-391.01-80 065	80.0 3.150	80.0 3.150	65.0 2.559	65.0 2.559	80.0 3.150	80 1160 2.42



P1



P2



Q5



Q1

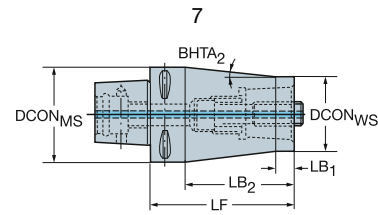
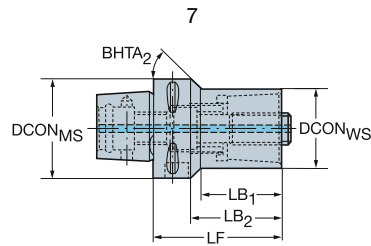


Q35

Coromant Capto® reduction adapter



DSGN



						Dimensions, mm, inch											 	
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₂	Bar/PSI	Kg	
C4	C3	1	1	7	C4-391.02-32 055A	40.0	32.0	55.0	31.0	35.0	55.0	32.0	32.0	40.0	45°	80	0.49	
	C3	1	1	7	C4-391.02-32 070A	1.575	1.260	2.165	1.220	1.378	2.165	1.260	1.260	1.575		1160		
						40.0	32.0	70.0	12.0	50.0	70.0	32.0	32.0	40.0	6°	80	0.58	
						1.575	1.260	2.756	.472	1.969	2.756	1.260	1.260	1.575		1160		
C5	C3	1	1	7	C5-391.02-32 060A	50.0	32.0	60.0	34.8	40.0	60.0	32.0	32.0	50.0	60°	80	0.64	
	C4	1	1	7	C5-391.02-40 065A	1.969	1.260	2.362	1.370	1.575	2.362	1.260	1.260	1.969		1160		
						50.0	40.0	65.0	40.0	45.0	65.0	40.0	40.0	50.0	45°	80	0.71	
						1.969	1.575	2.559	1.575	1.772	2.559	1.575	1.575	1.969		1160		
	C4	1	1	7	C5-391.02-40 085A	50.0	40.0	85.0	12.0	65.0	85.0	40.0	40.0	50.0	5°	80	1.10	
						1.969	1.575	3.346	.472	2.559	3.346	1.575	1.575	1.969		1160		
C6	C3	1	1	7	C6-391.02-32 070A	63.0	32.0	70.0	39.0	48.0	70.0	32.0	32.0	63.0	60°	80	1.10	
						2.480	1.260	2.756	1.535	1.890	2.756	1.260	1.260	2.480		1160		
	C4	1	1	7	C6-391.02-40 080A	63.0	40.0	80.0	51.4	58.0	80.0	40.0	40.0	63.0	60°	80	1.25	
						2.480	1.575	3.150	2.024	2.283	3.150	1.575	1.575	2.480		1160		
	C5	1	1	7	C6-391.02-50 080A	63.0	50.0	80.0	51.5	58.0	80.0	50.0	50.0	63.0	45°	80	1.46	
						2.480	1.969	3.150	2.028	2.283	3.150	1.969	1.969	2.480		1160		
	C5	1	1	7	C6-391.02-50 110A	63.0	50.0	110.0	12.0	88.0	110.0	50.0	50.0	63.0	5°	80	2.17	
						2.480	1.969	4.331	.472	3.465	4.331	1.969	1.969	2.480		1160		
C8	C3	1	1	7	C8-391.02-32 060A	80.0	32.0	60.0	29.3	38.0	60.0	32.0	32.0	80.0	70°	80	1.70	
						3.150	1.260	2.362	1.154	1.496	2.362	1.260	1.260	3.150		1160		
	C4	1	1	7	C8-391.02-40 070A	80.0	40.0	70.0	36.5	48.0	70.0	40.0	40.0	80.0	60°	80	1.93	
						3.150	1.575	2.756	1.437	1.890	2.756	1.575	1.575	3.150		1160		
	C5	1	1	7	C8-391.02-50 080A	80.0	50.0	80.0	49.3	58.0	80.0	50.0	50.0	80.0	60°	80	2.30	
						3.150	1.969	3.150	1.941	2.283	3.150	1.969	1.969	3.150		1160		
	C6	1	1	7	C8-391.02-63 080A	80.0	63.0	80.0	53.1	58.0	80.0	63.0	63.0	80.0	60°	80	2.30	
						3.150	2.480	3.150	2.091	2.283	3.150	2.480	2.480	3.150		1160		
	C6	1	1	7	C8-391.02-63 120A	80.0	63.0	120.0	12.0	90.0	120.0	63.0	63.0	80.0	6°	80	4.00	
						3.150	2.480	4.724	.472	3.543	4.724	2.480	2.480	3.150		1160		
C10	C3	1	1	7	C10-391.02-32 085	100.0	32.0	85.0	29.4	49.0	85.0	32.0	32.0	100.0	60°	80	4.04	
						3.937	1.260	3.346	1.157	1.929	3.346	1.260	1.260	3.937		1160		
	C4	1	1	7	C10-391.02-40 090	100.0	40.0	90.0	36.7	54.0	90.0	40.0	40.0	100.0	60°	80	4.12	
						3.937	1.575	3.543	1.445	2.126	3.543	1.575	1.575	3.937		1160		
	C5	1	1	7	C10-391.02-50 095	100.0	50.0	95.0	44.6	59.0	95.0	50.0	50.0	100.0	60°	80	4.29	
						3.937	1.969	3.740	1.756	2.323	3.740	1.969	1.969	3.937		1160		
	C6	1	1	7	C10-391.02-63 095	100.0	63.0	95.0	48.3	59.0	95.0	63.0	63.0	100.0	60°	80	3.19	
						3.937	2.480	3.740	1.902	2.323	3.740	2.480	2.480	3.937		1160		
	C8	1	1	7	C10-391.02-80 100	100.0	80.0	100.0	58.2	64.0	100.0	80.0	80.0	100.0	60°	80	5.50	
						3.937	3.150	3.937	2.291	2.520	3.937	3.150	3.150	3.937		1160		



P1



P2



Q5



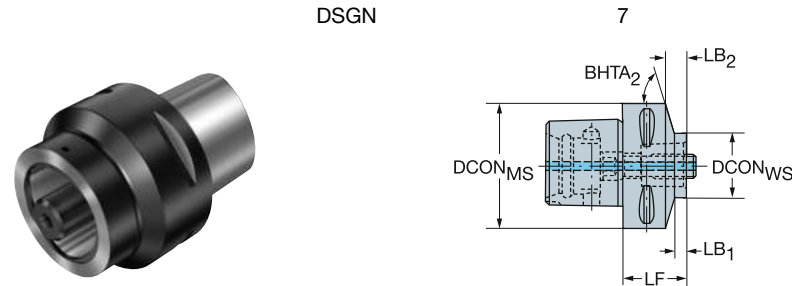
Q1



Q35

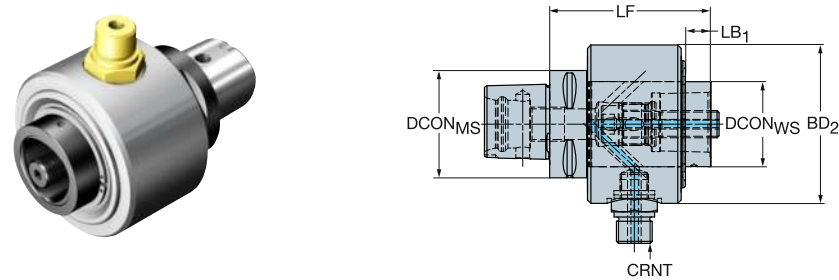
Coromant Capto® reduction adapter

Short version, for segment clamping only



					Dimensions, mm, inch															
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₂					
C5	C3	1	1	7	C5-391.02-32 033	50.0	32.0	33.0	10.0	13.0	33.0	32.0	32.0	50.0	72°	80	0.50			
						1.969	1.260	1.299	.394	.512	1.299	1.260	1.260	1.969		1160				
	C4	1	1	7	C5-391.02-40 040	50.0	40.0	40.0	18.0	20.0	40.0	40.0	40.0	50.0	68°	80	0.60			
						1.969	1.575	1.575	.709	.787	1.575	1.575	1.575	1.969		1160				
C6	C3	1	1	7	C6-391.02-32 032	63.0	32.0	32.0	6.0	10.0	32.0	32.0	32.0	63.0	75°	80	0.90			
						2.480	1.260	1.260	.236	.394	1.260	1.260	1.260	2.480		1160				
	C4	1	1	7	C6-391.02-40 040	63.0	40.0	40.0	11.0	18.0	40.0	40.0	40.0	63.0	58°	80	0.90			
						2.480	1.575	1.575	.433	.709	1.575	1.575	1.575	2.480		1160				
	C5	1	1	7	C6-391.02-50 050	63.0	50.0	50.0	26.5	28.0	50.0	50.0	50.0	63.0	77°	80	1.00			
						2.480	1.969	1.969	1.043	1.102	1.969	1.969	1.969	2.480		1160				
C8	C5	1	1	7	C8-391.02-50 045	80.0	50.0	45.0	10.0	15.5	45.0	50.0	50.0	80.0	70°	80	1.70			
						3.150	1.969	1.772	.394	.610	1.772	1.969	1.969	3.150		1160				
	C6	1	1	7	C8-391.02-63 055	80.0	63.0	55.0	20.0	25.0	55.0	63.0	63.0	80.0	60°	80	2.00			
						3.150	2.480	2.165	.787	.984	2.165	2.480	2.480	3.150		1160				
C10	C6	1	1	7	C10-391.02-63 055	100.0	63.0	55.0	14.0	19.0	55.0	63.0	63.0	100.0	75°	80	3.18			
						3.937	2.480	2.165	.551	.748	2.165	2.480	2.480	3.937		1160				
	C8	1	1	7	C10-391.02-80 065	100.0	80.0	65.0	25.4	29.0	65.0	80.0	80.0	100.0	70°	80	3.20			
						3.937	3.150	2.559	1.000	1.142	2.559	3.150	3.150	3.937		1160				

Coolant inducer



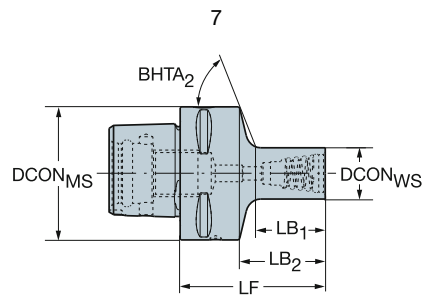
					Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CRNT	CP Bar/PSI	 Kg	RPMX	
C6	C5	2	1	C6-391.02CCH-50 095	63.0	50.0	95.0	15.0	95.0	50.0	93.0	G 1/2"	18	0.00	4300	
					2.480	1.969	3.740	.591	3.740	1.969	3.661		261			
C8	C6	2	1	C8-391.02CCH-63 110	80.0	63.0	110.0	15.0	110.0	63.0	108.0	G 1/2"	18	4.50	3300	
					3.150	2.480	4.331	.591	4.331	2.480	4.252		261			



Coromant Capto® to Coromant EH adapter

Short design

DSGN



Metric version

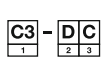
					Dimensions, mm, inch																
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₂	 CP Bar/PSI	 Kg	BBD	RPMX		
C3	E10	1	1	7	C3-391.EH-10 035	32.0	9.6	35.0	13.2	20.0	35.0	9.6	9.6	32.0	58°	150	0.13	1	40000		
	E12	1	1	7	C3-391.EH-12 038	32.0	11.6	38.0	16.4	23.0	38.0	11.6	11.6	32.0	57°	150	0.13	1	40000		
	E16	1	1	7	C3-391.EH-16 043	32.0	15.4	43.0	21.9	28.0	43.0	15.4	15.4	32.0	53°	150	0.15	1	40000		
C4	E10	1	1	7	C4-391.EH-10 041	40.0	9.6	41.0	13.1	21.0	41.0	9.6	9.6	40.0	62°	200	0.27	1	39000		
	E12	1	1	7	C4-391.EH-12 044	40.0	11.6	44.0	16.4	24.0	44.0	11.6	11.6	40.0	61°	200	0.28	1	39000		
	E16	1	1	7	C4-391.EH-16 049	40.0	15.4	49.0	21.9	29.0	49.0	15.4	15.4	40.0	59°	200	0.29	1	39000		
	E20	1	1	7	C4-391.EH-20 046	40.0	19.2	46.0	19.4	26.0	46.0	19.2	19.2	40.0	57°	200	0.30	1	39000		
	E25	1	1	7	C4-391.EH-25 051	40.0	24.1	51.0	25.0	31.0	51.0	24.1	24.1	40.0	53°	200	0.33	1	39000		
C5	E10	1	1	7	C5-391.EH-10 042	50.0	9.6	42.0	12.8	22.0	42.0	9.6	9.6	50.0	65°	200	0.46	1	28000		
	E12	1	1	7	C5-391.EH-12 045	50.0	11.6	45.0	16.0	25.0	45.0	11.6	11.6	50.0	64°	200	0.47	1	28000		
	E16	1	1	7	C5-391.EH-16 050	50.0	15.4	50.0	21.5	30.0	50.0	15.4	15.4	50.0	63°	200	0.48	1	28000		
	E20	1	1	7	C5-391.EH-20 047	50.0	19.2	47.0	19.0	27.0	47.0	19.2	19.2	50.0	62°	200	0.49	1	28000		
	E25	1	1	7	C5-391.EH-25 052	50.0	24.1	52.0	24.7	32.0	52.0	24.1	24.1	50.0	60°	200	0.52	1	28000		
C6	E10	1	1	7	C6-391.EH-10 046	63.0	9.6	46.0	13.0	24.0	46.0	9.6	9.6	63.0	67°	200	0.83	1	20000		
	E12	1	1	7	C6-391.EH-12 049	63.0	11.6	49.0	16.3	27.0	49.0	11.6	11.6	63.0	67°	200	0.83	1	20000		
	E16	1	1	7	C6-391.EH-16 054	63.0	15.4	54.0	21.8	32.0	54.0	15.4	15.4	63.0	66°	200	0.85	1	20000		
	E20	1	1	7	C6-391.EH-20 051	63.0	19.2	51.0	19.3	29.0	51.0	19.2	19.2	63.0	66°	200	0.85	1	20000		
	E25	1	1	7	C6-391.EH-25 056	63.0	24.1	56.0	25.0	34.0	56.0	24.1	24.1	63.0	65°	200	0.88	1	20000		



Q1



Q35



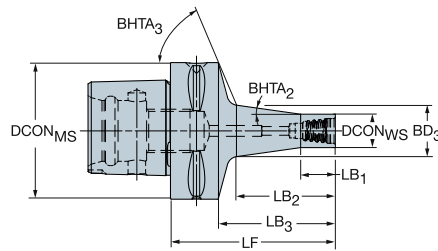
Q30

Coromant Capto® to Coromant EH adapter

Long design

DSGN

15



Metric version

					Dimensions, mm, inch																
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₂	CP Bar/PSI	 Kg	BBD	RPMX
C3	E10	1	1	15	C3-391.EH-10 049	32.0	9.6	49.0	10.0	28.5	34.0	49.0	9.6	9.6	14.8	32.0	8°	150	0.15	1	40000
	E12	1	1	15	C3-391.EH-12 054	32.0	11.6	54.0	12.0	33.9	39.0	54.0	11.6	11.6	17.8	32.0	8°	150	0.16	1	40000
	E16	1	1	15	C3-391.EH-16 065	32.0	15.4	65.0	16.0	45.7	50.0	65.0	15.4	15.4	23.8	32.0	8°	150	0.21	1	40000
C4	E10	1	1	15	C4-391.EH-10 055	40.0	9.6	55.0	10.0	28.5	32.6	55.0	9.6	9.6	22.1	40.0	8°	200	0.29	1	39000
	E12	1	1	15	C4-391.EH-12 060	40.0	11.6	60.0	12.0	33.9	40.0	60.0	11.6	11.6	17.7	40.0	8°	200	0.30	1	39000
	E16	1	1	15	C4-391.EH-16 071	40.0	15.4	71.0	16.0	45.7	51.0	71.0	15.4	15.4	23.7	40.0	8°	200	0.35	1	39000
	E20	1	1	15	C4-391.EH-20 084	40.0	19.2	84.0	20.0	59.6	64.0	84.0	19.2	19.2	30.3	40.0	8°	200	0.45	1	39000
	E25	1	1	15	C4-391.EH-25 074	40.0	24.1	74.0	25.0	49.6	54.0	74.0	24.1	24.1	31.0	40.0	8°	200	0.44	1	39000
C5	E10	1	1	15	C5-391.EH-10 056	50.0	9.6	56.0	10.0	28.1	36.0	56.0	9.6	9.6	14.7	50.0	8°	200	0.48	1	28000
	E12	1	1	15	C5-391.EH-12 061	50.0	11.6	61.0	12.0	33.5	41.0	61.0	11.6	11.6	17.6	50.0	8°	200	0.49	1	28000
	E16	1	1	15	C5-391.EH-16 072	50.0	15.4	72.0	16.0	45.3	52.0	72.0	15.4	15.4	23.6	50.0	8°	200	0.54	1	28000
	E20	1	1	15	C5-391.EH-20 085	50.0	19.2	85.0	20.0	59.2	65.0	85.0	19.2	19.2	30.2	50.0	8°	200	0.64	1	28000
	E25	1	1	15	C5-391.EH-25 100	50.0	24.1	100.0	25.0	75.3	80.0	100.0	24.1	24.1	38.2	50.0	8°	200	0.82	1	28000
C6	E10	1	1	15	C6-391.EH-10 060	63.0	9.6	60.0	10.0	28.4	38.0	60.0	9.6	9.6	14.8	63.0	8°	200	0.84	1	20000
	E12	1	1	15	C6-391.EH-12 065	63.0	11.6	65.0	12.0	33.8	43.0	65.0	11.6	11.6	17.7	63.0	8°	200	0.86	1	20000
	E16	1	1	15	C6-391.EH-16 076	63.0	15.4	76.0	16.0	45.6	54.0	76.0	15.4	15.4	23.7	63.0	8°	200	0.91	1	20000
	E20	1	1	15	C6-391.EH-20 088	63.0	19.2	88.0	20.0	58.4	66.0	88.0	19.2	19.2	30.0	63.0	8°	200	1.00	1	20000
	E25	1	1	15	C6-391.EH-25 103	63.0	24.1	103.0	25.0	74.5	81.0	103.0	24.1	24.1	38.0	63.0	8°	200	1.18	1	20000
C8	E20	1	1	15	C8-391.EH-20 100	80.0	19.2	100.0	20.0	60.2	70.0	100.0	19.2	19.2	30.5	80.0	8°	200	2.06	1	14000
	E25	1	1	15	C8-391.EH-25 114	80.0	24.1	114.0	25.0	75.3	84.0	114.0	24.1	24.1	38.2	80.0	8°	200	2.24	1	14000



Q1



Q35



Q30

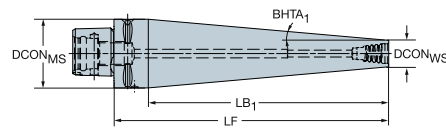
Coromant Capto® to Coromant EH adapter

Long conical design



DSGN

3



Metric version

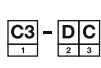
					Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	BHTA ₁			BBD	RPMX
C3	E10	1	1	3	C3-391.EH-10 143	32.0 <i>1.260</i>	9.6 <i>.378</i>	143.0 <i>5.630</i>	128.0 <i>5.039</i>	143.0 <i>5.630</i>	9.6 <i>.378</i>	32.0 <i>1.260</i>	5° <i>2175</i>	150 <i>2175</i>	0.47	1	40000
	E12	1	1	3	C3-391.EH-12 132	32.0 <i>1.260</i>	11.6 <i>.457</i>	132.0 <i>5.197</i>	117.0 <i>4.606</i>	132.0 <i>5.197</i>	11.6 <i>.457</i>	32.0 <i>1.260</i>	5° <i>2175</i>	150 <i>2175</i>	0.47	1	40000
	E16	1	1	3	C3-391.EH-16 110	32.0 <i>1.260</i>	15.4 <i>.606</i>	110.0 <i>4.331</i>	95.0 <i>3.740</i>	110.0 <i>4.331</i>	15.4 <i>.606</i>	32.0 <i>1.260</i>	5° <i>2175</i>	150 <i>2175</i>	0.43	1	40000
C4	E10	1	1	3	C4-391.EH-10 128	40.0 <i>1.575</i>	9.6 <i>.378</i>	128.0 <i>5.039</i>	108.0 <i>4.252</i>	128.0 <i>5.039</i>	9.6 <i>.378</i>	40.0 <i>1.575</i>	8° <i>2900</i>	200 <i>2900</i>	0.70	1	39000
	E12	1	1	3	C4-391.EH-12 121	40.0 <i>1.575</i>	11.6 <i>.457</i>	121.0 <i>4.764</i>	101.0 <i>3.976</i>	121.0 <i>4.764</i>	11.6 <i>.457</i>	40.0 <i>1.575</i>	8° <i>2900</i>	200 <i>2900</i>	0.68	1	39000
	E16	1	1	3	C4-391.EH-16 160	40.0 <i>1.575</i>	15.4 <i>.606</i>	160.0 <i>6.299</i>	140.0 <i>5.512</i>	160.0 <i>6.299</i>	15.4 <i>.606</i>	40.0 <i>1.575</i>	5° <i>2900</i>	200 <i>2900</i>	0.93	1	39000
	E20	1	1	3	C4-391.EH-20 139	40.0 <i>1.575</i>	19.2 <i>.756</i>	139.0 <i>5.472</i>	119.0 <i>4.685</i>	139.0 <i>5.472</i>	19.2 <i>.756</i>	40.0 <i>1.575</i>	5° <i>2900</i>	200 <i>2900</i>	0.88	1	39000
C5	E16	1	1	3	C5-391.EH-16 143	50.0 <i>1.969</i>	15.4 <i>.606</i>	143.0 <i>5.630</i>	123.0 <i>4.843</i>	143.0 <i>5.630</i>	15.4 <i>.606</i>	50.0 <i>1.969</i>	8° <i>2900</i>	200 <i>2900</i>	1.28	1	28000
	E20	1	1	3	C5-391.EH-20 130	50.0 <i>1.969</i>	19.2 <i>.756</i>	130.0 <i>5.118</i>	110.0 <i>4.331</i>	130.0 <i>5.118</i>	19.2 <i>.756</i>	50.0 <i>1.969</i>	8° <i>2900</i>	200 <i>2900</i>	1.25	1	28000



Q1



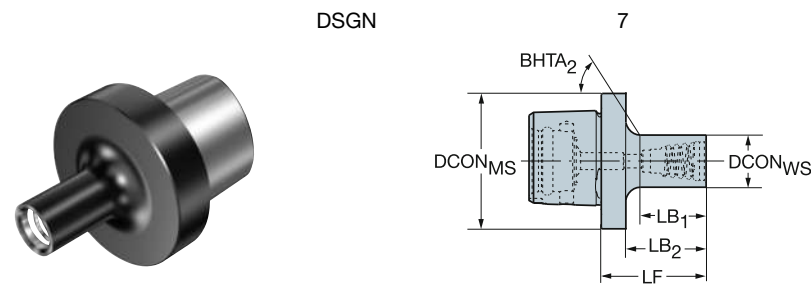
Q35



Q30

Coromant Capto® to Coromant EH adapter

Short design, for segment clamping only



Metric version

					Dimensions, mm, inch															
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₂	 CP BarPSI	 Kg	BBD	RPMX	
C3	E10	1	1	7	C3-391.EH-10 026	32.0	9.6	26.0	13.0	18.0	26.0	9.6	9.6	32.0	45°	150	0.09	1	40000	
						1.260	.378	1.024	.512	.709	1.024	.378	.378	1.260		2175				
	E12	1	1	7	C3-391.EH-12 029	32.0	11.6	29.0	16.0	21.0	29.0	11.6	11.6	32.0	45°	150	0.10	1	40000	
						1.260	.457	1.142	.630	.827	1.142	.457	.457	1.260		2175				
C4	E10	1	1	7	C4-391.EH-10 026	40.0	9.6	26.0	13.0	18.0	26.0	9.6	9.6	40.0	45°	200	0.16	1	39000	
						1.575	.378	1.024	.512	.709	1.024	.378	.378	1.575		2900				
	E12	1	1	7	C4-391.EH-12 029	40.0	11.6	29.0	16.0	21.0	29.0	11.6	11.6	40.0	45°	200	0.17	1	39000	
						1.575	.457	1.142	.630	.827	1.142	.457	.457	1.575		2900				
	E16	1	1	7	C4-391.EH-16 035	40.0	15.4	35.0	22.0	27.0	35.0	15.4	15.4	40.0	45°	200	0.18	1	39000	
						1.575	.606	1.378	.866	1.063	1.378	.606	.606	1.575		2900				
C5	E10	1	1	7	C5-391.EH-10 026	50.0	9.6	26.0	13.0	18.0	26.0	9.6	9.6	50.0	45°	200	0.28	1	28000	
						1.969	.378	1.024	.512	.709	1.024	.378	.378	1.969		2900				
	E12	1	1	7	C5-391.EH-12 029	50.0	11.6	29.0	16.0	21.0	29.0	11.6	11.6	50.0	45°	200	0.29	1	28000	
						1.969	.457	1.142	.630	.827	1.142	.457	.457	1.969		2900				
	E16	1	1	7	C5-391.EH-16 035	50.0	15.4	35.0	22.0	27.0	35.0	15.4	15.4	50.0	45°	200	0.30	1	28000	
						1.969	.606	1.378	.866	1.063	1.378	.606	.606	1.969		2900				

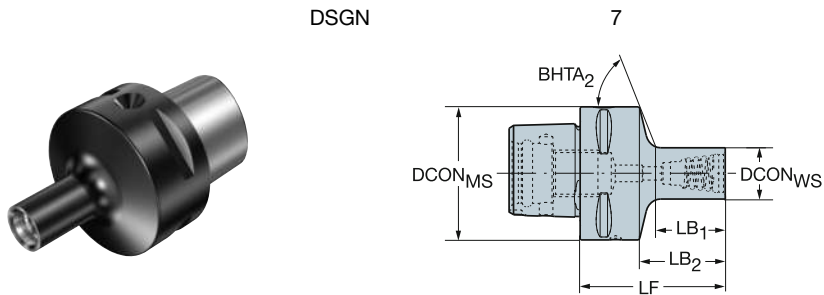
Q1

Q35

Q30

Coromant Capto® to Coromant EH adapter

Short design



Inch version

					Dimensions, mm, inch																
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₂	 CP Bar/PSI	 Kg	BBD	RPMX		
C3	E10	1	1	7	C3-A391.EH-10 034	32.0	9.2	34.0	12.1	19.0	34.0	9.2	9.2	32.0	59°	150	0.13	1	40000		
	E12	1	1	7	C3-A391.EH-12 039	32.0	12.2	39.0	17.5	24.0	39.0	12.2	12.2	32.0	57°	150	0.14	1	40000		
	E16	1	1	7	C3-A391.EH-16 043	32.0	15.4	43.0	21.9	28.0	43.0	15.4	15.4	32.0	54°	150	0.15	1	40000		
C4	E10	1	1	7	C4-A391.EH-10 040	40.0	9.2	40.0	12.0	20.0	40.0	9.2	9.2	40.0	63°	200	0.27	1	39000		
	E12	1	1	7	C4-A391.EH-12 045	40.0	12.2	45.0	17.4	25.0	45.0	12.2	12.2	40.0	62°	200	0.28	1	39000		
	E16	1	1	7	C4-A391.EH-16 049	40.0	15.4	49.0	21.9	29.0	49.0	15.4	15.4	40.0	60°	200	0.29	1	39000		
	E20	1	1	7	C4-A391.EH-20 044	40.0	18.4	44.0	17.3	24.0	44.0	18.4	18.4	40.0	58°	200	0.29	1	39000		
	E25	1	1	7	C4-A391.EH-25 052	40.0	24.4	52.0	26.0	32.0	52.0	24.4	24.4	40.0	63°	200	0.34	1	39000		
C5	E10	1	1	7	C5-A391.EH-10 041	50.0	9.2	41.0	11.7	21.0	60.0	9.2	9.2	50.0	65°	200	0.46	1	28000		
	E12	1	1	7	C5-A391.EH-12 047	50.0	12.2	47.0	18.1	27.0	47.0	12.2	12.2	50.0	65°	200	0.47	1	28000		
	E16	1	1	7	C5-A391.EH-16 050	50.0	15.4	50.0	21.5	30.0	50.0	15.4	15.4	50.0	64°	200	0.48	1	28000		
	E20	1	1	7	C5-A391.EH-20 045	50.0	18.4	45.0	16.9	25.0	45.0	18.4	18.4	50.0	63°	200	0.48	1	28000		
	E25	1	1	7	C5-A391.EH-25 053	50.0	24.4	53.0	25.7	33.0	53.0	24.4	24.4	50.0	60°	200	0.53	1	28000		
C6	E10	1	1	7	C6-A391.EH-10 045	63.0	9.2	45.0	11.9	23.0	45.0	9.2	9.2	63.0	68°	200	0.83	1	20000		
	E12	1	1	7	C6-A391.EH-12 050	63.0	12.2	50.0	17.4	28.0	50.0	12.2	12.2	63.0	68°	200	0.83	1	20000		
	E16	1	1	7	C6-A391.EH-16 054	63.0	15.4	54.0	21.8	32.0	54.0	15.4	15.4	63.0	67°	200	0.85	1	20000		
	E20	1	1	7	C6-A391.EH-20 049	63.0	18.4	49.0	17.2	27.0	49.0	18.4	18.4	63.0	66°	200	0.84	1	20000		
	E25	1	1	7	C6-A391.EH-25 057	63.0	24.4	57.0	26.0	35.0	57.0	24.4	24.4	63.0	65°	200	0.89	1	20000		



Q1



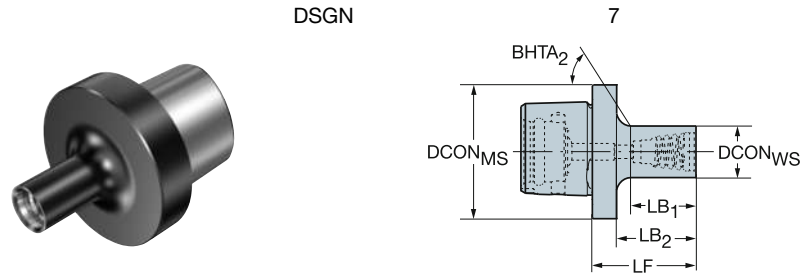
Q35



Q30

Coromant Capto® to Coromant EH adapter

Short design, for segment clamping only



Inch version

					Dimensions, mm, inch														
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₂	 CP Bar/PSI	 Kg	BBD	RPMX
C3	E10	1	1	7	C3-A391.EH-10 025	32.0	9.2	25.0	12.0	17.0	25.0	9.2	9.2	32.0	45°	150	0.09	1	40000
						1.260	.360	.984	.472	.669	.984	.360	.360	1.260		2175			
	E12	1	1	7	C3-A391.EH-12 031	32.0	12.2	31.0	18.0	23.0	31.0	12.2	12.2	32.0	45°	150	0.10	1	40000
						1.260	.480	1.220	.709	.906	1.220	.480	.480	1.260		2175			
C4	E10	1	1	7	C4-A391.EH-10 025	40.0	9.2	25.0	12.0	17.0	25.0	9.2	9.2	40.0	45°	200	0.16	1	39000
						1.575	.360	.984	.472	.669	.984	.360	.360	1.575		2900			
	E12	1	1	7	C4-A391.EH-12 031	40.0	12.2	31.0	18.0	23.0	31.0	12.2	12.2	40.0	45°	200	0.17	1	39000
						1.575	.480	1.220	.709	.906	1.220	.480	.480	1.575		2900			
	E16	1	1	7	C4-A391.EH-16 034	40.0	15.4	34.0	21.0	26.0	34.0	15.4	15.4	40.0	45°	200	0.18	1	39000
						1.575	.606	1.339	.827	1.024	1.339	.606	.606	1.575		2900			
C5	E10	1	1	7	C5-A391.EH-10 025	50.0	9.2	25.0	12.0	17.0	25.0	9.2	9.2	50.0	45°	200	0.28	1	28000
						1.969	.360	.984	.472	.669	.984	.360	.360	1.969		2900			
	E12	1	1	7	C5-A391.EH-12 031	50.0	12.2	31.0	18.0	23.0	31.0	12.2	12.2	50.0	45°	200	0.29	1	28000
						1.969	.480	1.220	.709	.906	1.220	.480	.480	1.969		2900			

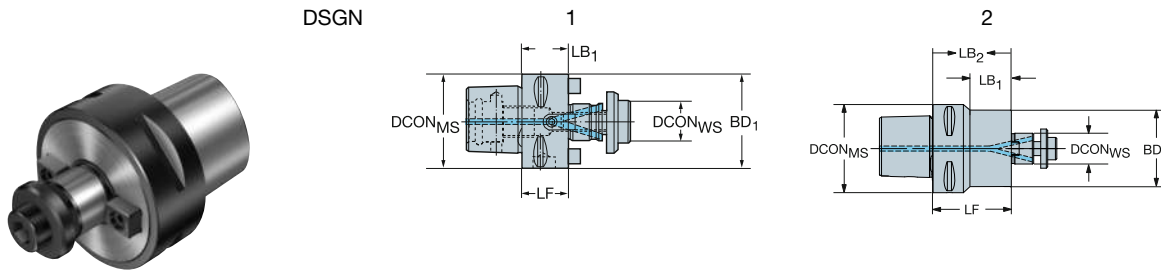
 Q1

 Q35

 Q30

Coromant Capto® to arbor adapter

Coolant through arbor



Metric pilot

						Dimensions, mm, inch																	
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DBC	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	Bar/PSI	Kg	BBD							
C3	16	1	4	1	C3-391.05C-16 030	32.0		16.0	30.0	30.0		32.0		80	0.30	1							
						1.260		.630	1.181	1.181		1.260		1160									
C4	16	1	4	2	C4-391.05C-16 032	40.0		16.0	32.0	10.0	32.0	32.0	40.0	80	0.30	1							
						1.575		.630	1.260	.394	1.260	1.260	1.575	1160									
	22	1	4	1	C4-391.05C-22 025	40.0		22.0	25.0	25.0		40.0		80	0.40	1							
						1.575		.866	.984	.984		1.575		1160									
C5	16	1	4	2	C5-391.05C-16 035	50.0		16.0	35.0	10.0	35.0	32.0	50.0	80	0.60	1							
						1.969		.630	1.378	.394	1.378	1.260	1.969	1160									
	22	1	4	1	C5-391.05C-22 025M	50.0		22.0	25.0	25.0		50.0		80	0.50	1							
						1.969		.866	.984	.984		1.969		1160									
	27	1	4	1	C5-391.05C-27 025M	50.0		27.0	25.0	25.0		56.0		80	0.50	1							
						1.969		1.063	.984	.984		2.205		1160									
	32	1	4	1	C5-391.05C-32 040	50.0		32.0	40.0	40.0		63.0		80	1.20	1							
						1.969		1.260	1.575	1.575		2.480		1160									
C6	16	1	4	2	C6-391.05C-16 040	63.0		16.0	40.0	10.0	40.0	32.0	63.0	80	0.90	0							
						2.480		.630	1.575	.394	1.575	1.260	2.480	1160									
	22	1	4	1	C6-391.05C-22 025M	63.0		22.0	25.0	25.0		63.0		80	0.80	0							
						2.480		.866	.984	.984		2.480		1160									
	27	1	4	1	C6-391.05C-27 025M	63.0		27.0	25.0	25.0		63.0		80	0.90	0							
						2.480		1.063	.984	.984		2.480		1160									
	32	1	4	1	C6-391.05C-32 025M	63.0		32.0	25.0	25.0		65.0		80	0.90	0							
						2.480		1.260	.984	.984		2.559		1160									
	40S	1	4	1	C6-391.05C-40 050M	63.0	66.7	40.0	50.0	50.0		87.0		80	2.00	0							
						2.480	2.626	1.575	1.969	1.969		3.425		1160									
C8	16	1	4	2	C8-391.05C-16 050	80.0		16.0	50.0	10.0	50.0	32.0	80.0	80	1.60	0							
						3.150		.630	1.969	.394	1.969	1.260	3.150	1160									
	22	1	4	1	C8-391.05C-22 030M	80.0		22.0	30.0	30.0		80.0		80	1.70	0							
						3.150		.866	1.181	1.181		3.150		1160									
	27	1	4	1	C8-391.05C-27 030M	80.0		27.0	30.0	30.0		80.0		80	1.70	0							
						3.150		1.063	1.181	1.181		3.150		1160									
	32	1	4	1	C8-391.05C-32 030M	80.0		32.0	30.0	30.0		80.0		80	1.80	0							
						3.150		1.260	1.181	1.181		3.150		1160									
	40S	1	4	1	C8-391.05C-40 060M	80.0	66.7	40.0	60.0	60.0		87.0		80	3.10	0							
						3.150	2.626	1.575	2.362	2.362		3.425		1160									
C10	22	1	4	2	C10-391.05C-22 075	100.0		22.0	75.0	27.0	75.0	48.0	100.0	80	4.12	0							
						3.937		.866	2.953	1.063	2.953	1.890	3.937	1160									
	27	1	4	2	C10-391.05C-27 075	100.0		27.0	75.0	29.0	75.0	60.0	100.0	80	4.40	0							
						3.937		1.063	2.953	1.142	2.953	2.362	3.937	1160									
	32	1	4	2	C10-391.05C-32 075	100.0		32.0	75.0	33.0	75.0	78.0	100.0	80	4.93	0							
						3.937		1.260	2.953	1.299	2.953	3.071	3.937	1160									
	40S	1	4	1	C10-391.05C-40 040M	100.0	66.7	40.0	40.0	40.0		100.0		80	3.60	0							
						3.937	2.626	1.575	1.575	1.575		3.937		1160									



Q1



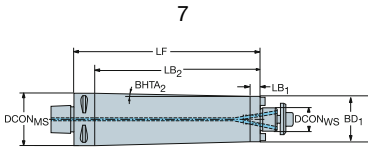
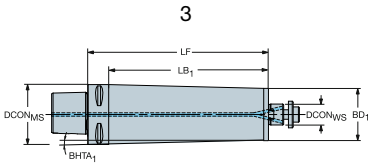
Q35

Coromant Capto® to arbor adapter

Coolant through arbor
Long conical design



DSGN



Metric pilot

					Dimensions, mm, inch														
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁	BHTA ₂	CP Bar/PSI	⚖ Kg	BBD
C4	16	1	4	7	C4-391.05C-16 120	40.0	16.0	120.0	22.0	100.0	120.0	32.0	32.0	40.0	0°	2°	80	0.90	1
						1.575	.630	4.724	.866	3.937	4.724	1.260	1.260	1.575			1160		
C5	22	1	4	7	C5-391.05C-22 150	50.0	22.0	150.0	12.0	130.0	150.0	40.0	40.0	50.0	0°	2°	80	1.90	1
						1.969	.866	5.906	.472	5.118	5.906	1.575	1.575	1.969			1160		
C6	22	1	4	3	C6-391.05C-22 120	63.0	22.0	120.0	98.0	120.0		55.0	63.0		2°	0°	80	2.70	0
						2.480	.866	4.724	3.858	4.724		2.165	2.480				1160		
	22	1	4	3	C6-391.05C-22 190	63.0	22.0	190.0	168.0	190.0		55.0	63.0		1°	0°	80	4.10	0
						2.480	.866	7.480	6.614	7.480		2.165	2.480				1160		
C8	27	1	4	3	C8-391.05C-27 150	80.0	27.0	150.0	120.0	150.0		65.0	80.0		3°	0°	80	5.30	0
						3.150	1.063	5.906	4.724	5.906		2.559	3.150				1160		
	27	1	4	3	C8-391.05C-27 240	80.0	27.0	240.0	210.0	240.0		65.0	80.0		2°	0°	80	8.10	0
						3.150	1.063	9.449	8.268	9.449		2.559	3.150				1160		



Q1



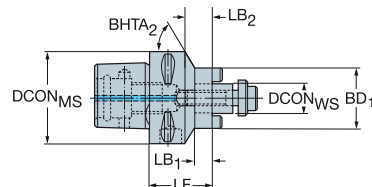
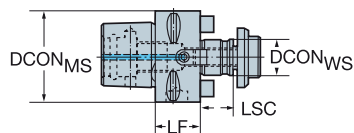
Q35

Coromant Capto® to arbor adapter

DSGN

1

7



Metric pilot

					Dimensions, mm, inch																			
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DBC	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₂	Bar	PSI	BBD					
C3	16	1	1	1	C3-391.05-16 030	32.0 1.260		16.0 .630	30.0 1.181	30.0 1.181			32.0 1.260					80	0.30	1				
C4	16	1	1	7	C4-391.05-16 032	40.0 1.575		16.0 .630	32.0 1.260	10.0 .394	12.3 .484	32.0 1.260	32.0 1.260	32.0 1.260	40.0 1.575		60°	80	0.30	1				
	16	1	1	7	C4-391.05-16 055	40.0 1.575		16.0 .630	55.0 2.165	33.0 1.299	35.3 1.390	55.0 2.165	32.0 1.260	32.0 1.260	40.0 1.575		60°	80	0.40	1				
	22	1	1	1	C4-391.05-22 025	40.0 1.575		22.0 .866	25.0 .984	25.0 .984			40.0 1.575					80	0.40	1				
	22	1	1	1	C4-391.05-22 055	40.0 1.575		22.0 .866	55.0 2.165	55.0 2.165			40.0 1.575					80	0.70	1				
C5	16	1	1	7	C5-391.05-16 035	50.0 1.969		16.0 .630	35.0 1.378	10.0 .394	15.2 .598	35.0 1.378	32.0 1.260	32.0 1.260	50.0 1.969		60°	80	0.60	1				
	16	1	1	7	C5-391.05-16 070	50.0 1.969		16.0 .630	70.0 2.756	44.8 1.764	50.0 1.969	70.0 2.756	32.0 1.260	32.0 1.260	50.0 1.969		60°	80	0.71	1				
	22	1	1	1	C5-391.05-22 025M	50.0 1.969		22.0 .866	25.0 .984	25.0 .984			50.0 1.969					80	0.50	1				
	22	1	1	7	C5-391.05-22 070	50.0 1.969		22.0 .866	70.0 2.756	47.0 1.850	50.0 1.969	70.0 2.756	40.0 1.575	40.0 1.575	50.0 1.969		59°	80	1.00	1				
	27	1	1	1	C5-391.05-27 025M	50.0 1.969		27.0 1.063	25.0 .984	25.0 .984			56.0 2.205					80	0.60	1				
	32	1	1	1	C5-391.05-32 040	50.0 1.969		32.0 1.260	40.0 1.575	40.0 1.575			63.0 2.480					80	1.10	1				
C6	16	1	1	7	C6-391.05-16 040	63.0 2.480		16.0 .630	40.0 1.575	10.0 .394	17.9 .705	40.0 1.575	32.0 1.260	32.0 1.260	63.0 2.480		63°	80	0.90	0				
	22	1	1	1	C6-391.05-22 025M	63.0 2.480		22.0 .866	25.0 .984	25.0 .984			63.0 2.480					80	0.80	0				
	27	1	1	1	C6-391.05-27 025M	63.0 2.480		27.0 1.063	25.0 .984	25.0 .984			63.0 2.480					80	0.90	0				
	32	1	1	1	C6-391.05-32 025M	63.0 2.480		32.0 1.260	25.0 .984	25.0 .984			65.0 2.559					80	0.90	0				
	40S	1	1	1	C6-391.05-40 050M	63.0 2.480	66.7 2.626	40.0 1.575	50.0 1.969	50.0 1.969			87.0 3.425					80	2.00	0				
C8	16	1	1	7	C8-391.05-16 050	80.0 3.150		16.0 .630	50.0 1.969	10.0 .394	20.2 .795	50.0 1.969	32.0 1.260	32.0 1.260	80.0 3.150		67°	80	1.70	0				
	22	1	1	1	C8-391.05-22 030M	80.0 3.150		22.0 .866	30.0 1.181	30.0 1.181			80.0 3.150					80	1.70	0				
	27	1	1	1	C8-391.05-27 030M	80.0 3.150		27.0 1.063	30.0 1.181	30.0 1.181			80.0 3.150					80	1.80	0				
	32	1	1	1	C8-391.05-32 030M	80.0 3.150		32.0 1.260	30.0 1.181	30.0 1.181			80.0 3.150					80	1.80	0				
	40S	1	1	1	C8-391.05-40 060M	80.0 3.150	66.7 2.626	40.0 1.575	60.0 2.362	60.0 2.362			87.0 3.425					80	3.10	0				
	60	0	0	1	C8-391.05-60 060	80.0 3.150	101.6 4.000	60.0 2.362	60.0 2.362	60.0 2.362			130.0 5.118					80	5.30	0				
C10	40S	1	1	1	C10-391.05-40 040M	100.0 3.937	66.7 2.626	40.0 1.575	40.0 1.575	40.0 1.575			100.0 3.937					80	3.60	0				
	60	0	0	1	C10-391.05-60 075	100.0 3.937	101.6 4.000	60.0 2.362	75.0 2.953	75.0 2.953			130.0 5.118						5.50	0				

All holders are delivered with a standard screw without hole for coolant.

For cutters with coolant channels a new screw with radial coolant holes is necessary and can be ordered separately.

See page P13.



Q1



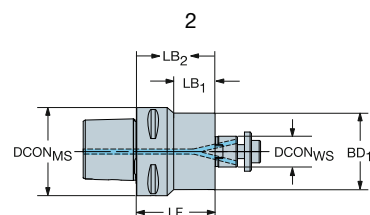
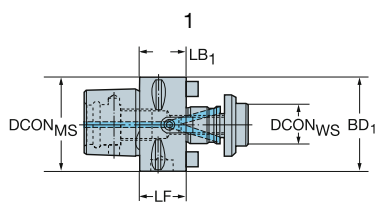
Q35

Coromant Capto® to arbor adapter

Coolant through arbor



DSGN



Inch pilot

					Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DBC	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	 CP Bar/PSI	 Kg	BBD
C3	3/4	1	4	1	C3-A391.05C-19 030	32.0 <i>1.260</i>		19.1 <i>.750</i>	30.0 <i>1.181</i>	30.0 <i>1.181</i>		40.0 <i>1.575</i>		80 <i>1160</i>	0.35	1
C4	3/4	1	4	1	C4-A391.05C-19 025M	40.0 <i>1.575</i>		19.1 <i>.750</i>	25.0 <i>.984</i>	25.0 <i>.984</i>		40.0 <i>1.575</i>		80 <i>1160</i>	0.30	1
	1	1	4	1	C4-A391.05C-25 035	40.0 <i>1.575</i>		25.4 <i>1.000</i>	35.0 <i>1.378</i>	35.0 <i>1.378</i>		50.0 <i>1.969</i>		80 <i>1160</i>	0.55	1
C5	3/4	1	4	1	C5-A391.05C-19 025M	50.0 <i>1.969</i>		19.1 <i>.750</i>	25.0 <i>.984</i>	25.0 <i>.984</i>		50.0 <i>1.969</i>		80 <i>1160</i>	0.50	1
	1	1	4	1	C5-A391.05C-25 025M	50.0 <i>1.969</i>		25.4 <i>1.000</i>	25.0 <i>.984</i>	25.0 <i>.984</i>		54.0 <i>2.126</i>		80 <i>1160</i>	0.50	1
	1 1/4	1	4	1	C5-A391.05C-31 040	50.0 <i>1.969</i>		31.8 <i>1.250</i>	40.0 <i>1.575</i>	40.0 <i>1.575</i>		63.0 <i>2.480</i>		80 <i>1160</i>	1.20	1
	1 1/2	1	4	1	C5-A391.05C-38 045M	50.0 <i>1.969</i>	66.7 <i>2.626</i>	38.1 <i>1.500</i>	45.0 <i>1.772</i>	45.0 <i>1.772</i>		87.0 <i>3.425</i>		80 <i>1160</i>	1.50	1
C6	3/4	1	4	1	C6-A391.05C-19 030M	63.0 <i>2.480</i>		19.1 <i>.750</i>	30.0 <i>1.181</i>	30.0 <i>1.181</i>		63.0 <i>2.480</i>		80 <i>1160</i>	1.00	0
	1	1	4	1	C6-A391.05C-25 030M	63.0 <i>2.480</i>		25.4 <i>1.000</i>	30.0 <i>1.181</i>	30.0 <i>1.181</i>		63.0 <i>2.480</i>		80 <i>1160</i>	1.00	0
	1 1/4	1	4	1	C6-A391.05C-31 030M	63.0 <i>2.480</i>		31.8 <i>1.250</i>	30.0 <i>1.181</i>	30.0 <i>1.181</i>		65.0 <i>2.559</i>		80 <i>1160</i>	1.00	0
	1 1/2	1	4	1	C6-A391.05C-38 050M	63.0 <i>2.480</i>	66.7 <i>2.626</i>	38.1 <i>1.500</i>	50.0 <i>1.969</i>	50.0 <i>1.969</i>		87.0 <i>3.425</i>		80 <i>1160</i>	2.00	0
C8	3/4	1	4	1	C8-A391.05C-19 030M	80.0 <i>3.150</i>		19.1 <i>.750</i>	30.0 <i>1.181</i>	30.0 <i>1.181</i>		80.0 <i>3.150</i>		80 <i>1160</i>	1.70	0
	1	1	4	1	C8-A391.05C-25 030M	80.0 <i>3.150</i>		25.4 <i>1.000</i>	30.0 <i>1.181</i>	30.0 <i>1.181</i>		80.0 <i>3.150</i>		80 <i>1160</i>	1.70	0
	1 1/4	1	4	1	C8-A391.05C-31 030M	80.0 <i>3.150</i>		31.8 <i>1.250</i>	30.0 <i>1.181</i>	30.0 <i>1.181</i>		80.0 <i>3.150</i>		80 <i>1160</i>	1.80	0
	1 1/2	1	4	1	C8-A391.05C-38 060M	80.0 <i>3.150</i>	66.7 <i>2.626</i>	38.1 <i>1.500</i>	60.0 <i>2.362</i>	60.0 <i>2.362</i>		87.0 <i>3.425</i>		80 <i>1160</i>	3.10	0
C10	3/4	1	4	2	C10-A391.05C-19 075	100.0 <i>3.937</i>		19.1 <i>.750</i>	75.0 <i>2.953</i>	27.0 <i>1.063</i>	75.0 <i>2.953</i>	43.0 <i>1.693</i>	100.0 <i>3.937</i>	80 <i>1160</i>	4.02	0
	1	1	4	2	C10-A391.05C-25 075	100.0 <i>3.937</i>		25.4 <i>1.000</i>	75.0 <i>2.953</i>	28.0 <i>1.102</i>	75.0 <i>2.953</i>	50.0 <i>1.969</i>	100.0 <i>3.937</i>	80 <i>1160</i>	4.15	0
	1 1/2	1	4	1	C10-A391.05C-38 040M	100.0 <i>3.937</i>	66.7 <i>2.626</i>	38.1 <i>1.500</i>	40.0 <i>1.575</i>	40.0 <i>1.575</i>		100.0 <i>3.937</i>		80 <i>1160</i>	3.50	0



Q1



Q35

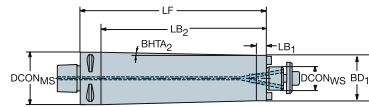
Coromant Capto® to arbor adapter

Coolant through arbor

Long conical version

DSGN

7



Inch pilot

					Dimensions, mm, inch															
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₂	 CP Bar/PSI	 Kg	BBD		
C5	3/4	1	4	7	C5-A391.05C-19 150	50.0	19.1	150.0	15.0	130.0	150.0	43.0	43.0	50.0	1°	80	2.00	1		
						1.969	.750	5.906	.591	5.118	5.906	1.693	1.693	1.969		1160				
C6	3/4	1	4	7	C6-A391.05C-19 120	63.0	19.1	120.0	5.0	98.0	120.0	52.0	52.0	63.0	3°	80	2.60	0		
						2.480	.750	4.724	.197	3.858	4.724	2.047	2.047	2.480		1160				
	3/4	1	4	7	C6-A391.05C-19 190	63.0	19.1	190.0	5.0	168.0	190.0	52.0	52.0	63.0	1°	80	3.90	0		
						2.480	.750	7.480	.197	6.614	7.480	2.047	2.047	2.480		1160				



Q1

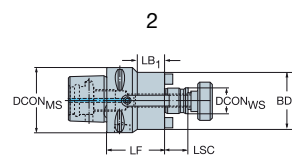
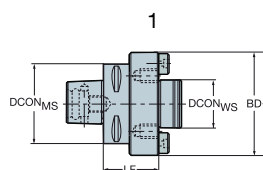
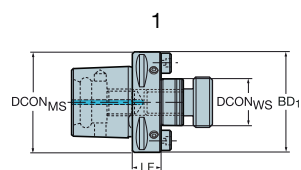


Q35

Coromant Capto® to arbor adapter



DSGN



Inch pilot

					Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DBC	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	Bar	PSI	BBD		
C3	3/4	1	1	1	C3-A391.05-19 030	32.0 <i>1.260</i>		19.1 <i>.750</i>	30.0 <i>1.181</i>	30.0 <i>1.181</i>		40.0 <i>1.575</i>		80	0.84	1		
C4	3/4	1	1	1	C4-A391.05-19 025M	40.0 <i>1.575</i>		19.1 <i>.750</i>	25.0 <i>.984</i>	25.0 <i>.984</i>		40.0 <i>1.575</i>		80	0.30	1		
	3/4	1	1	1	C4-A391.05-19 055	40.0 <i>1.575</i>		19.1 <i>.750</i>	55.0 <i>2.165</i>	55.0 <i>2.165</i>		40.0 <i>1.575</i>		80	1.30	1		
	1	1	1	1	C4-A391.05-25 035	40.0 <i>1.575</i>		25.4 <i>1.000</i>	35.0 <i>1.378</i>	35.0 <i>1.378</i>		50.0 <i>1.969</i>		80	1.30	1		
C5	3/4	1	1	1	C5-A391.05-19 025M	50.0 <i>1.969</i>		19.1 <i>.750</i>	25.0 <i>.984</i>	25.0 <i>.984</i>		50.0 <i>1.969</i>		80	0.50	1		
	3/4	1	1	2	C5-A391.05-19 070	50.0 <i>1.969</i>		19.1 <i>.750</i>	70.0 <i>2.756</i>	48.0 <i>1.890</i>	70.0 <i>2.756</i>	43.0 <i>1.693</i>	50.0 <i>1.969</i>	80	2.30	1		
	1	1	1	1	C5-A391.05-25 025M	50.0 <i>1.969</i>		25.4 <i>1.000</i>	25.0 <i>.984</i>	25.0 <i>.984</i>		54.0 <i>2.126</i>		80	0.50	1		
	1 1/4	1	1	1	C5-A391.05-31 040	50.0 <i>1.969</i>		31.8 <i>1.250</i>	40.0 <i>1.575</i>	40.0 <i>1.575</i>		63.0 <i>2.480</i>		80	2.30	1		
	1 1/2	1	1	1	C5-A391.05-38 045M	50.0 <i>1.969</i>	66.7 <i>2.626</i>	38.1 <i>1.500</i>	45.0 <i>1.772</i>	45.0 <i>1.772</i>		87.0 <i>3.425</i>		80	1.60	1		
C6	3/4	1	1	1	C6-A391.05-19 030M	63.0 <i>2.480</i>		19.1 <i>.750</i>	30.0 <i>1.181</i>	30.0 <i>1.181</i>		63.0 <i>2.480</i>		80	1.00	0		
	1	1	1	1	C6-A391.05-25 030M	63.0 <i>2.480</i>		25.4 <i>1.000</i>	30.0 <i>1.181</i>	30.0 <i>1.181</i>		63.0 <i>2.480</i>		80	1.00	0		
	1 1/4	1	1	1	C6-A391.05-31 030M	63.0 <i>2.480</i>		31.8 <i>1.250</i>	30.0 <i>1.181</i>	30.0 <i>1.181</i>		65.0 <i>2.559</i>		80	1.00	0		
	1 1/2	1	1	1	C6-A391.05-38 050M	63.0 <i>2.480</i>	66.7 <i>2.626</i>	38.1 <i>1.500</i>	50.0 <i>1.969</i>	50.0 <i>1.969</i>		87.0 <i>3.425</i>		80	2.00	0		
C8	3/4	1	1	1	C8-A391.05-19 030M	80.0 <i>3.150</i>		19.1 <i>.750</i>	30.0 <i>1.181</i>	30.0 <i>1.181</i>		80.0 <i>3.150</i>		80	1.70	0		
	1	1	1	1	C8-A391.05-25 030M	80.0 <i>3.150</i>		25.4 <i>1.000</i>	30.0 <i>1.181</i>	30.0 <i>1.181</i>		80.0 <i>3.150</i>		80	1.80	0		
	1 1/4	1	1	1	C8-A391.05-31 030M	80.0 <i>3.150</i>		31.8 <i>1.250</i>	30.0 <i>1.181</i>	30.0 <i>1.181</i>		80.0 <i>3.150</i>		80	1.80	0		
	1 1/2	1	1	1	C8-A391.05-38 060M	80.0 <i>3.150</i>	66.7 <i>2.626</i>	38.1 <i>1.500</i>	60.0 <i>2.362</i>	60.0 <i>2.362</i>		87.0 <i>3.425</i>		80	3.10	0		
	2	0	0	1	C8-A391.05-50 060	80.0 <i>3.150</i>		101.6 <i>4.000</i>	50.8 <i>2.000</i>	60.0 <i>2.362</i>		130.0 <i>5.118</i>			6.20	0		
	2 1/2	0	0	1	C8-A391.05-63 060	80.0 <i>3.150</i>		101.6 <i>4.000</i>	63.5 <i>2.500</i>	60.0 <i>2.362</i>		130.0 <i>5.118</i>			6.20	0		
C10	1 1/2	1	1	1	C10-A391.05-38 040M	100.0 <i>3.937</i>	66.7 <i>2.626</i>	38.1 <i>1.500</i>	40.0 <i>1.575</i>	40.0 <i>1.575</i>		100.0 <i>3.937</i>		80	3.60	0		
	2 1/2	0	0	1	C10-A391.05-63 075	100.0 <i>3.937</i>		101.6 <i>4.000</i>	63.5 <i>2.500</i>	75.0 <i>2.953</i>	75.0 <i>2.953</i>	130.0 <i>5.118</i>		80	7.90	0		



Q1



Q35

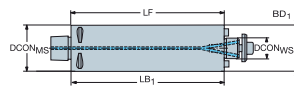
Coromant Capto® to arbor dampened adapter

Coolant through arbor

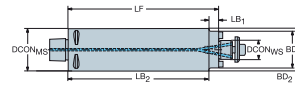


DSGN

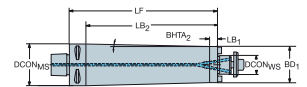
1



2



7



Metric pilot

						Dimensions, mm, inch																	
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₂	Bar/PSI	RPMX						
C4	16	1	4	2	C4-391.05CD-16 130	40.0	16.0	130.0	6.9	130.0		38.1	40.0		0°	20	1.50	10000					
						1.575	.630	5.118	.272	5.118		1.500	1.575			290							
	16	1	4	2	C4-391.05CD-16 200	40.0	16.0	200.0	6.9	200.0		38.1	40.0		0°	20	2.10	7000					
						1.575	.630	7.874	.272	7.874		1.500	1.575			290							
C5	22	1	4	2	C5-391.05CD-22 180	50.0	22.0	180.0	7.3	180.0		46.2	50.0		0°	20	3.40	10000					
						1.969	.866	7.087	.287	7.087		1.819	1.969			290							
	22	1	4	7	C5-391.05CD-22 220	50.0	22.0	220.0	6.0	199.4	220.0	38.8	40.0	50.0	1°	80	3.30	6000					
						1.969	.866	8.661	.236	7.850	8.661	1.528	1.575	1.969		1160							
	22	1	4	2	C5-391.05CD-22 270	50.0	22.0	270.0	7.3	270.0		46.2	50.0		0°	20	4.60	7000					
						1.969	.866	10.630	.287	10.630		1.819	1.969			290							
C6	22	1	4	2	C6-391.05CD-22 200	63.0	22.0	200.0	6.9	200.0		46.2	63.0		0°	20	5.70	10000					
						2.480	.866	7.874	.272	7.874		1.819	2.480			290							
	22	1	4	7	C6-391.05CD-22 260	63.0	22.0	260.0	6.9	237.3	260.0	46.2	50.0	63.0	1°	80	5.80	6000					
						2.480	.866	10.236	.272	9.343	10.236	1.819	1.969	2.480		1160							
	22	1	4	2	C6-391.05CD-22 310	63.0	22.0	310.0	6.9	310.0		46.2	63.0		0°	20	9.10	7000					
						2.480	.866	12.205	.272	12.205		1.819	2.480			290							
	27	1	4	2	C6-391.05CD-27 200	63.0	27.0	200.0	6.5	200.0		46.2	63.0		0°	20	5.80	10000					
						2.480	1.063	7.874	.256	7.874		1.819	2.480			290							
	27	1	4	2	C6-391.05CD-27 310	63.0	27.0	310.0	6.5	310.0		46.2	63.0		0°	20	9.20	7000					
						2.480	1.063	12.205	.256	12.205		1.819	2.480			290							
C8	27	1	4	2	C8-391.05CD-27 220	80.0	27.0	220.0	10.0	220.0		53.4	80.0		0°	20	9.90	8000					
						3.150	1.063	8.661	.394	8.661		2.102	3.150			290							
	27	1	4	7	C8-391.05CD-27 320	80.0	27.0	320.0	9.1	289.2	320.0	53.4	63.0	80.0	1°	80	10.90	4000					
						3.150	1.063	12.598	.358	11.386	12.598	2.102	2.480	3.150		1160							
	27	1	4	2	C8-391.05CD-27 360	80.0	27.0	360.0	10.0	360.0		53.4	80.0		0°	20	16.20	5000					
						3.150	1.063	14.173	.394	14.173		2.102	3.150			290							
	32	1	4	2	C8-391.05CD-32 220	80.0	32.0	220.0	12.8	220.0		68.4	80.0		0°	20	10.00	8000					
						3.150	1.260	8.661	.504	8.661		2.693	3.150			290							
	32	1	4	2	C8-391.05CD-32 320	80.0	32.0	320.0	12.8	320.0		68.4	80.0		0°	80	13.60	4000					
						3.150	1.260	12.598	.504	12.598		2.693	3.150			1160							
	32	1	4	2	C8-391.05CD-32 360	80.0	32.0	360.0	12.8	360.0		68.4	80.0		0°	20	16.30	5000					
						3.150	1.260	14.173	.504	14.173		2.693	3.150			290							
C10	32	1	4	1	C10-391.05CD-32 400	100.0	32.0	400.0	400.0			100.0				50	22.00	4000					
						3.937	1.260	15.748	15.748			3.937				725							
	40	1	4	1	C10-391.05CD-40 400	100.0	40.0	400.0	400.0			100.0				50	22.00	4000					
						3.937	1.575	15.748	15.748			3.937				725							



P19



Q1

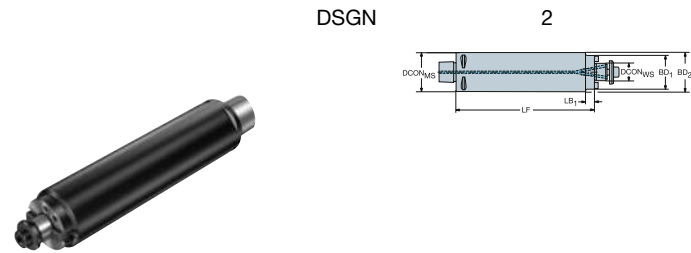


Q35

J

Coromant Capto® to arbor dampened adapter

K



L

 SilentTools®

Metric pilot

					Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂			RPMX
C8	32/40	1	1	2	C8-391.06-32 320	80.0	32.0	320.0	18.0	320.0	70.0	80.0	80	14.40	3000
						3.150	1.260	12.598	.709	12.598	2.756	3.150	1160		

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Q



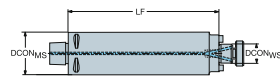
Coromant Capto® to arbor dampened adapter

Coolant through arbor

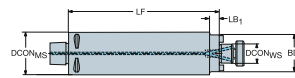


DSGN

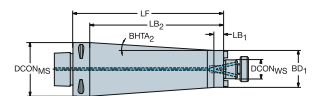
1



2



7


SilentTools®

Inch pilot

						Dimensions, mm, inch																	
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₂	Bar/PSI	Kg	RPMX					
C5	3/4	1	4	2	C5-A391.05CD-19 180	50.0	19.1	180.0	11.1	180.0		47.2	50.0		0°	20	3.40	10000					
						1.969	.750	7.087	.437	7.087		1.858	1.969			290							
	3/4	1	4	7	C5-A391.05CD-19 220	50.0	19.1	220.0	21.0	199.4	220.0	40.0	40.0	50.0	1°	80	3.30	6000					
						1.969	.750	8.661	.827	7.850	8.661	1.575	1.575	1.969		1160							
	3/4	1	4	2	C5-A391.05CD-19 270	50.0	19.1	270.0	11.1	270.0		47.2	50.0		0°	20	4.60	7000					
						1.969	.750	10.630	.437	10.630		1.858	1.969			290							
C6	1	1	4	2	C6-A391.05CD-25 200	63.0	25.4	200.0	10.8	200.0		54.1	63.0		0°	20	5.70	10000					
						2.480	1.000	7.874	.425	7.874		2.130	2.480			290							
	1	1	4	2	C6-A391.05CD-25 260	63.0	25.4	260.0	10.8	260.0		54.1	63.0		0°	80	7.20	6000					
						2.480	1.000	10.236	.425	10.236		2.130	2.480			1160							
	1	1	4	2	C6-A391.05CD-25 310	63.0	25.4	310.0	10.8	310.0		54.1	63.0		0°	20	9.10	7000					
						2.480	1.000	12.205	.425	12.205		2.130	2.480			290							
C8	1 1/2	1	4	1	C8-A391.05CD-38 220	80.0	38.1	220.0	220.0			80.0				20	10.00	8000					
						3.150	1.500	8.661	8.661			3.150				290							
	1 1/2	1	4	1	C8-A391.05CD-38 320	80.0	38.1	320.0	320.0			80.0				80	13.70	4000					
						3.150	1.500	12.598	12.598			3.150				1160							
	1 1/2	1	4	1	C8-A391.05CD-38 360	80.0	38.1	360.0	360.0			80.0				20	16.30	5000					
						3.150	1.500	14.173	14.173			3.150				290							
C10	1 1/2	1	4	1	C10-A391.05CD-38 400	100.0	38.1	400.0	400.0			100.0				50	22.00	4000					
						3.937	1.500	15.748	15.748			3.937				725							



P19

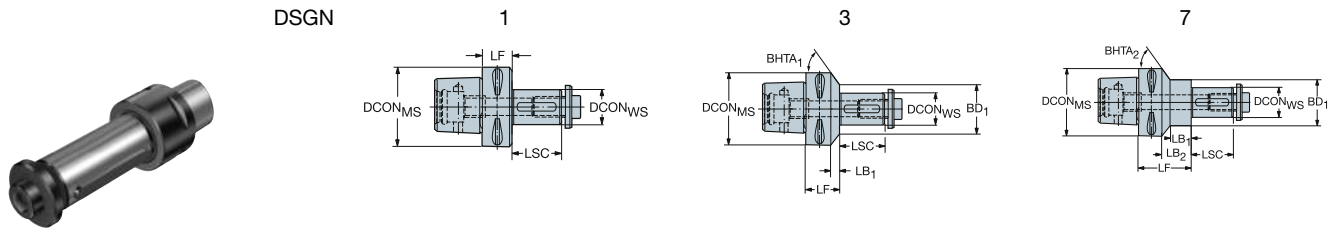


Q1



Q35

Coromant Capto® to side and face-mill arbor adapter



Metric pilot

					Dimensions, mm, inch																
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LSC	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁	BHTA ₂				
C3	16	0	0	3	C3-391.10-16 020	32.0	16.0	30	20.0	5.0	20.0		28.0	32.0		21°	0°	0.20			
						1.260	.630	1.181	.787	.197	.787		1.102	1.260							
C4	16	0	0	3	C4-391.10-16 025	40.0	16.0	30	25.0	5.0	25.0		28.0	40.0		50°	0°	0.30			
						1.575	.630	1.181	.984	.197	.984		1.102	1.575							
	22	0	0	3	C4-391.10-22 025	40.0	22.0	40	25.0	5.0	25.0		36.0	40.0		22°	0°	0.40			
						1.575	.866	1.575	.984	.197	.984		1.417	1.575							
	27	0	0	1	C4-391.10-27 025	40.0	27.0	60	25.0	25.0			40.0					0.60			
						1.575	1.063	2.362	.984	.984			1.575								
C5	22	0	0	3	C5-391.10-22 025	50.0	22.0	40	25.0	5.1	25.0		36.0	50.0		54°	0°	0.72			
						1.969	.866	1.575	.984	.201	.984		1.417	1.969							
	27	0	0	3	C5-391.10-27 025	50.0	27.0	60	25.0	5.0	25.0		43.0	50.0		35°	0°	0.80			
						1.969	1.063	2.362	.984	.197	.984		1.693	1.969							
	32	0	0	1	C5-391.10-32 025	50.0	32.0	60	25.0	25.0			50.0					0.90			
						1.969	1.260	2.362	.984	.984			1.969								
C6	16	0	0	3	C6-391.10-16 030	63.0	16.0	30	30.0	7.8	30.0		28.0	63.0		66°	0°	0.90			
						2.480	.630	1.181	1.181	.307	1.181		1.102	2.480							
	22	0	0	3	C6-391.10-22 030	63.0	22.0	40	30.0	7.9	30.0		36.0	63.0		59°	0°	1.00			
						2.480	.866	1.575	1.181	.311	1.181		1.417	2.480							
	27	0	0	3	C6-391.10-27 030	63.0	27.0	60	30.0	7.8	30.0		43.0	63.0		52°	0°	1.10			
						2.480	1.063	2.362	1.181	.307	1.181		1.693	2.480							
	32	0	0	3	C6-391.10-32 025	63.0	32.0	60	25.0	3.0	25.0		48.0	63.0		68°	0°	1.10			
						2.480	1.260	2.362	.984	.118	.984		1.890	2.480							
	40	0	0	3	C6-391.10-40 025	63.0	40.0	60	25.0	3.0	25.0		56.0	63.0		49°	0°	1.34			
						2.480	1.575	2.362	.984	.118	.984		2.205	2.480							
C8	22	0	0	3	C8-391.10-22 040	80.0	22.0	40	40.0	10.2	40.0		36.0	80.0		65°	0°	2.00			
						3.150	.866	1.575	1.575	.402	1.575		1.417	3.150							
	27	0	0	3	C8-391.10-27 030	80.0	27.0	60	30.0	7.8	30.0		43.0	80.0		67°	0°	2.10			
						3.150	1.063	2.362	1.181	.307	1.181		1.693	3.150							
	32	0	0	3	C8-391.10-32 030	80.0	32.0	60	30.0	7.6	30.0		48.0	80.0		64°	0°	2.30			
						3.150	1.260	2.362	1.181	.299	1.181		1.890	3.150							
	40	0	0	3	C8-391.10-40 030	80.0	40.0	60	30.0	7.9	30.0		56.0	80.0		56°	0°	2.30			
						3.150	1.575	2.362	1.181	.311	1.181		2.205	3.150							
	50	0	0	3	C8-391.10-50 030	80.0	50.0	60	30.0	3.0	30.0		70.0	80.0		58°	0°	2.80			
						3.150	1.969	2.362	1.181	.118	1.181		2.756	3.150							
	60	0	0	1	C8-391.10-60 030	80.0	60.0	60	30.0	30.0			80.0					3.30			
						3.150	2.362	2.362	1.181	1.181			3.150								
C10	32	0	0	7	C10-391.10-32 065	100.0	32.0	60	65.0	20.0	29.0	65.0	48.0	48.0	100.0	0°	71°	4.31			
						3.937	1.260	2.362	2.559	.787	1.142	2.559	1.890	1.890	3.937						
	40	0	0	7	C10-391.10-40 070	100.0	40.0	60	70.0	25.0	34.0	70.0	56.0	56.0	100.0	0°	67°	4.77			
						3.937	1.575	2.362	2.756	.984	1.339	2.756	2.205	2.205	3.937						
	50	0	0	7	C10-391.10-50 055	100.0	50.0	80	55.0	10.0	19.0	55.0	70.0	70.0	100.0	0°	59°	5.37			
						3.937	1.969	3.150	2.165	.394	.748	2.165	2.756	2.756	3.937						
	60	0	0	3	C10-391.10-60 040	100.0	60.0	90	40.0	4.0	40.0		84.0	100.0		63°	0°	5.85			
						3.937	2.362	3.543	1.575	.157	1.575		3.307	3.937							



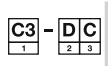
P34



Q1



Q35



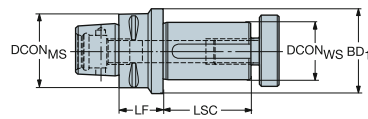
Q30

Coromant Capto® to side and face-mill arbor adapter

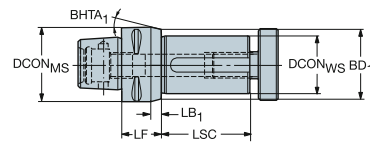


DSGN

1



3



Inch pilot

					Dimensions, mm, inch											Kg
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LSC	LF	LB ₁	LB ₂	BD ₁	BD ₂	BHTA ₁	BHTA ₂	
C4	1	0	0	1	C4-A391.10-25 025	40.0	25.4	50	25.0	25.0		40.0				1.08
	1 1/4	0	0	1	C4-A391.10-31 035	40.0	31.8	60	35.0	35.0		50.0				1.65
						1.575	1.250	2.362	1.378	1.378		1.969				
C5	1	0	0	3	C5-A391.10-25 025	50.0	25.4	50	25.0	5.0	25.0	43.0	50.0	35°	0°	1.66
	1 1/4	0	0	1	C5-A391.10-31 025	50.0	31.8	60	25.0	25.0		50.0				1.66
						1.969	1.250	2.362	.984	.984		1.969				
	1 1/2	0	0	1	C5-A391.10-38 030	50.0	38.1	60	30.0	30.0		57.0				2.30
						1.969	1.500	2.362	1.181	1.181		2.244				
C6	1	0	0	3	C6-A391.10-25 030	63.0	25.4	50	30.0	8.0	30.0	43.0	63.0	52°	0°	2.40
	1 1/4	0	0	3	C6-A391.10-31 025	63.0	31.8	60	25.0	3.0	25.0	48.0	63.0	68°	0°	2.40
						2.480	1.250	2.362	.984	.118	.984	1.890	2.480			
	1 1/2	0	0	3	C6-A391.10-38 025	63.0	38.1	60	25.0	3.0	25.0	56.0	63.0	50°	0°	3.37
						2.480	1.500	2.362	.984	.118	.984	2.205	2.480			
C8	1	0	0	3	C8-A391.10-25 030	80.0	25.4	50	30.0	8.0	30.0	43.0	80.0	66°	0°	4.40
	1 1/4	0	0	3	C8-A391.10-31 030	80.0	31.8	60	30.0	8.0	30.0	48.0	80.0	63°	0°	3.30
						3.150	1.250	2.362	1.181	.315	1.181	1.890	3.150			
	1 1/2	0	0	3	C8-A391.10-38 030	80.0	38.1	60	30.0	8.0	30.0	56.0	80.0	56°	0°	5.98
						3.150	1.500	2.362	1.181	.315	1.181	2.205	3.150			
	2	0	0	3	C8-A391.10-50 030	80.0	50.8	60	30.0	3.0	30.0	70.0	80.0	59°	0°	5.98
						3.150	2.000	2.362	1.181	.118	1.181	2.756	3.150			
	2 1/2	0	0	1	C8-A391.10-63 040	80.0	63.5	60	40.0	40.0		86.0				7.90
						3.150	2.500	2.362	1.575	1.575		3.386				



P34



Q1

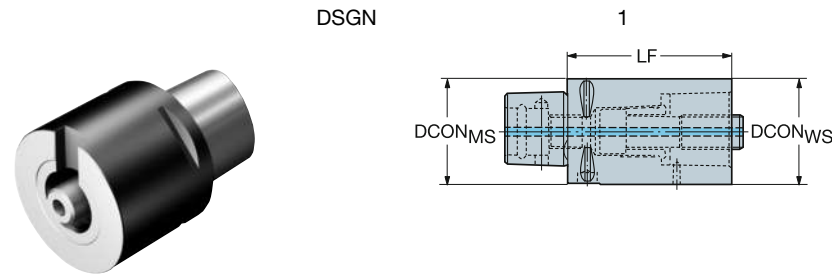


Q35

J

Coromant Capto® to VL adapter

K



L

						Dimensions, mm, inch						
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	BD ₁	CP Bar/PSI	Kg
C5	50	1	1	1	C5-391.01-V50 060	50.0	50.0	60.0	60.0	50.0	80	1.00
						1.969	1.969	2.362	2.362	1.969	1160	
C6	63	1	1	1	C6-391.01-V63 080	63.0	63.0	80.0	80.0	63.0	80	1.70
						2.480	2.480	3.150	3.150	2.480	1160	
C8	80	1	1	1	C8-391.01-V80 065	80.0	80.0	65.0	65.0	80.0	80	3.44
						3.150	3.150	2.559	2.559	3.150	1160	

M

N

O

P

Q

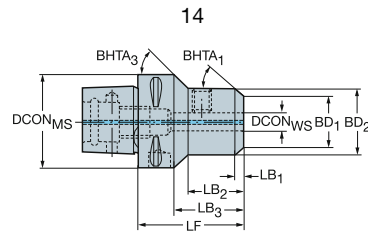


Coromant Capto® to Weldon adapter

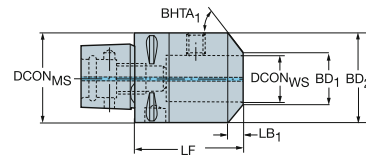
Workpiece side interface DIN 6535-HB and DIN 1835-B



DSGN



3



Metric bore

					Dimensions, mm, inch																
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₁			BBD	
C3	6	1	1	14	C3-391.20-06 045A	32.0	6.0	46.0	4.0	27.5	29.5	46.0	17.0	25.0	25.0	32.0	45°	20	0.30	1	
						1.260	.236	1.811	.157	1.083	1.161	1.811	.669	.984	.984	1.260	290				
	8	1	1	14	C3-391.20-08 045A	32.0	8.0	46.0	4.0	29.0	31.0	46.0	20.0	28.0	28.0	32.0	45°	20	0.30	1	
						1.260	.315	1.811	.157	1.142	1.220	1.811	.787	1.102	1.102	1.260	290				
	10	1	1	3	C3-391.20-10 050	32.0	10.0	50.0	4.0	50.0			27.0	35.0			45°	20	0.40	1	
C4	6	1	1	14	C4-391.20-06 050	32.0	12.0	55.0	5.0	55.0			32.0	42.0			45°	20	0.30	1	
						1.260	.394	1.969	.157	1.969			1.063	1.378			290				
	8	1	1	14	C4-391.20-08 050	40.0	6.0	50.0	4.0	25.5	29.8	50.0	17.0	25.0	25.0	40.0	45°	20	0.40	1	
						1.575	.236	1.969	.157	1.004	1.173	1.969	.669	.984	.984	1.575	290				
	10	1	1	14	C4-391.20-10 050A	40.0	8.0	50.0	4.0	26.5	32.5	50.0	20.0	28.0	28.0	40.0	45°	20	0.40	1	
C5	6	1	1	14	C5-391.20-06 050	40.0	10.0	51.0	4.0	29.6	31.0	51.0	27.0	35.0	35.0	40.0	45°	20	0.50	1	
						1.575	.394	2.008	.157	1.165	1.220	2.008	1.063	1.378	1.378	1.575	290				
	8	1	1	14	C5-391.20-08 050	40.0	12.0	56.0	5.0	56.0			32.0	42.0			45°	20	0.60	1	
						1.575	.472	2.205	.197	2.205			1.260	1.654			290				
	10	1	1	14	C5-391.20-10 055	40.0	14.0	55.0	5.0	55.0			34.0	44.0			45°	20	0.60	1	
C6	6	1	1	14	C6-391.20-06 055	40.0	16.0	55.0	5.0	55.0			38.0	48.0			45°	20	0.70	1	
						1.575	.551	2.165	.197	2.165			1.339	1.732			290				
	8	1	1	14	C6-391.20-08 055	50.0	6.0	50.0	4.0	25.5	30.0	50.0	17.0	25.0	25.0	50.0	45°	20	0.62	1	
						1.969	.236	1.969	.157	1.004	1.181	1.969	.669	.984	.984	1.969	290				
	10	1	1	14	C6-391.20-10 055	50.0	8.0	50.0	4.0	26.0	30.0	50.0	20.0	28.0	28.0	50.0	45°	20	0.72	1	
C7	6	1	1	14	C7-391.20-06 055	50.0	10.0	55.0	4.0	27.5	35.0	55.0	27.0	35.0	35.0	50.0	45°	20	0.72	1	
						1.969	.394	2.165	.157	1.083	1.378	2.165	1.063	1.378	1.378	1.969	290				
	8	1	1	14	C7-391.20-08 055	50.0	12.0	60.0	5.0	36.0	40.0	60.0	32.0	42.0	42.0	50.0	45°	20	0.90	1	
						1.969	.472	2.362	.197	1.417	1.575	2.362	1.260	1.654	1.654	1.969	290				
	10	1	1	14	C7-391.20-10 060	50.0	14.0	60.0	5.0	37.0	40.0	60.0	34.0	44.0	44.0	50.0	45°	20	0.90	1	
C8	6	1	1	14	C8-391.20-06 060	50.0	16.0	60.0	5.0	39.0	40.0	60.0	38.0	48.0	48.0	50.0	45°	20	1.00	1	
						1.969	.551	2.362	.197	1.457	1.575	2.362	1.339	1.732	1.732	1.969	290				
	8	1	1	14	C8-391.20-08 060	50.0	18.0	60.0	5.0	60.0			40.0	50.0			45°	20	0.90	1	
						1.969	.709	2.362	.197	2.362			1.575	1.969			290				
	10	1	1	14	C8-391.20-10 065	50.0	20.0	60.0	5.0	60.0			42.0	52.0			45°	20	1.00	1	
C9	6	1	1	14	C9-391.20-06 065	50.0	25.0	80.0	8.0	80.0			49.0	65.0			45°	20	1.70	1	
						1.969	.787	2.362	.197	2.362			1.654	2.047			290				
	8	1	1	14	C9-391.20-08 065	50.0	25.0	80.0	8.0	80.0			49.0	65.0			45°	20	1.70	1	
						1.969	.984	3.150	.315	3.150			1.929	2.559			290				
	10	1	1	14	C9-391.20-10 070	50.0	25.0	80.0	8.0	80.0			49.0	65.0			45°	20	1.70	1	



Q1

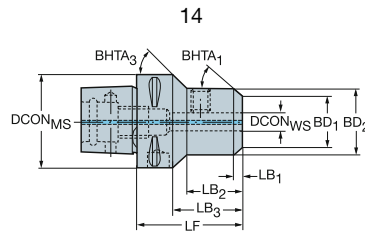


Q35

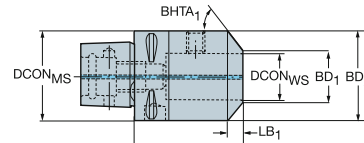
Coromant Capto® to Weldon adapter

Workpiece side interface DIN 6535-HB and DIN 1835-B

DSGN



3



Metric bore

						Dimensions, mm, inch																
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₁			BBD		
C6	6	1	1	14	C6-391.20-06 055	63.0	6.0	55.0	4.0	25.0	32.7	55.0	17.0	25.0	25.0	63.0	45°	20	0.90	0		
						2.480	.236	2.165	.157	.984	1.287	2.165	.669	.984	.984	2.480		290				
	8	1	1	14	C6-391.20-08 055	63.0	8.0	55.0	4.0	26.0	33.1	55.0	20.0	28.0	28.0	63.0	45°	20	0.90	0		
						2.480	.315	2.165	.157	1.024	1.303	2.165	.787	1.102	1.102	2.480		290				
	10	1	1	14	C6-391.20-10 060	63.0	10.0	60.0	4.0	30.0	38.1	60.0	27.0	35.0	35.0	63.0	45°	20	1.00	0		
						2.480	.394	2.362	.157	1.181	1.500	2.362	1.063	1.378	1.378	2.480		290				
	12	1	1	14	C6-391.20-12 060	63.0	12.0	60.0	5.0	33.0	37.9	60.0	32.0	42.0	42.0	63.0	45°	20	1.10	0		
						2.480	.472	2.362	.197	1.299	1.492	2.362	1.260	1.654	1.654	2.480		290				
	14	1	1	14	C6-391.20-14 060	63.0	14.0	60.0	5.0	33.5	37.9	60.0	34.0	44.0	44.0	63.0	45°	20	1.10	0		
						2.480	.551	2.362	.197	1.319	1.492	2.362	1.339	1.732	1.732	2.480		290				
	16	1	1	14	C6-391.20-16 065	63.0	16.0	65.0	5.0	35.5	43.0	65.0	38.0	48.0	48.0	63.0	45°	20	1.10	0		
						2.480	.630	2.559	.197	1.398	1.693	2.559	1.496	1.890	1.890	2.480		290				
	18	1	1	14	C6-391.20-18 065	63.0	18.0	65.0	5.0	39.0	42.7	65.0	40.0	50.0	50.0	63.0	45°	20	1.10	0		
						2.480	.709	2.559	.197	1.535	1.681	2.559	1.575	1.969	1.969	2.480		290				
	20	1	1	14	C6-391.20-20 065	63.0	20.0	65.0	5.0	37.5	43.0	65.0	42.0	52.0	52.0	63.0	45°	20	1.50	0		
						2.480	.787	2.559	.197	1.476	1.693	2.559	1.654	2.047	2.047	2.480		290				
	25	1	1	3	C6-391.20-25 080	63.0	25.0	80.0	8.0	80.0			49.0	65.0			45°	20	1.90	0		
						2.480	.984	3.150	.315	3.150			1.929	2.559				290				
	32	1	1	3	C6-391.20-32 090	63.0	32.0	90.0	8.0	90.0			56.0	72.0			45°	20	2.40	0		
						2.480	1.260	3.543	.315	3.543			2.205	2.835				290				
	40	1	1	3	C6-391.20-40 100	63.0	40.0	100.0	8.0	100.0			74.0	90.0			45°	20	3.70	0		
						2.480	1.575	3.937	.315	3.937			2.913	3.543				290				
C8	6	1	1	14	C8-391.20-06 070	80.0	6.0	70.0	4.0	27.0	40.0	70.0	17.0	25.0	25.0	80.0	45°	20	2.10	0		
						3.150	.236	2.756	.157	1.063	1.575	2.756	.669	.984	.984	3.150		290				
	8	1	1	14	C8-391.20-08 070	80.0	8.0	70.0	4.0	28.0	40.0	70.0	20.0	28.0	28.0	80.0	45°	20	2.10	0		
						3.150	.315	2.756	.157	1.102	1.575	2.756	.787	1.102	1.102	3.150		290				
	10	1	1	14	C8-391.20-10 070	80.0	10.0	70.0	4.0	29.5	40.0	70.0	27.0	35.0	35.0	80.0	45°	20	2.40	0		
						3.150	.394	2.756	.157	1.161	1.575	2.756	1.063	1.378	1.378	3.150		290				
	12	1	1	14	C8-391.20-12 070	80.0	12.0	70.0	5.0	31.0	40.0	70.0	32.0	42.0	42.0	80.0	45°	20	2.40	0		
						3.150	.472	2.756	.197	1.220	1.575	2.756	1.260	1.654	1.654	3.150		290				
	14	1	1	14	C8-391.20-14 070	80.0	14.0	70.0	5.0	31.6	40.0	70.0	34.0	44.0	44.0	80.0	45°	20	2.40	0		
						3.150	.551	2.756	.197	1.244	1.575	2.756	1.339	1.732	1.732	3.150		290				
	16	1	1	14	C8-391.20-16 070	80.0	16.0	70.0	5.0	33.0	40.0	70.0	38.0	48.0	48.0	80.0	45°	20	2.40	0		
						3.150	.630	2.756	.197	1.299	1.575	2.756	1.496	1.890	1.890	3.150		290				
	18	1	1	14	C8-391.20-18 070	80.0	18.0	70.0	5.0	33.0	40.0	70.0	40.0	50.0	50.0	80.0	45°	20	2.40	0		
						3.150	.709	2.756	.197	1.299	1.575	2.756	1.575	1.969	1.969	3.150		290				
	20	1	1	14	C8-391.20-20 070	80.0	20.0	70.0	5.0	35.5	40.0	70.0	42.0	52.0	52.0	80.0	45°	20	2.40	0		
						3.150	.787	2.756	.197	1.398	1.575	2.756	1.654	2.047	2.047	3.150		290				
	25	1	1	14	C8-391.20-25 080	80.0	25.0	80.0	8.0	53.7	58.0	80.0	49.0	65.0	65.0	80.0	45°	20	2.40	0		
						3.150	.984	3.150	.315	2.114	2.283	3.150	1.929	2.559	2.559	3.150		290				
	32	1	1	14	C8-391.20-32 080	80.0	32.0	80.0	8.0	55.7	58.0	80.0	56.0	72.0	72.0	80.0	45°	20	2.90	0		
						3.150	1.260	3.150	.315	2.193	2.283	3.150	2.205	2.835	2.835	3.150		290				
	40	1	1	3	C8-391.20-40 110	80.0	40.0	110.0	8.0	110.0			74.0	90.0			45°	20	4.50	0		
						3.150	1.575	4.331	.315	4.331			2.913	3.543				290				
	50	1	1	3	C8-391.20-50 120	80.0	50.0	120.0	8.0	120.0			84.0	100.0			45°	20	5.50	0		
						3.150	1.969	4.724	.315	4.724			3.307	3.937				290				



Q1



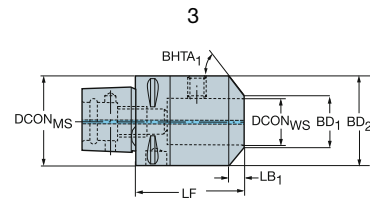
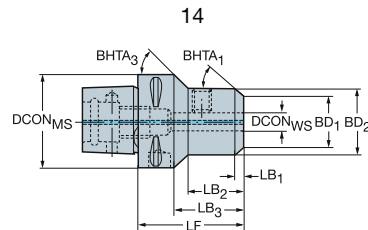
Q35

Coromant Capto® to Weldon adapter

Workpiece side interface ANSI B94.19



DSGN



Inch bore

					Dimensions, mm, inch																		
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₁	Bar	PSI	BBD			
C3	3/8	1	1	14	C3-A391.20-09 050	32.0	9.5	50.0	7.5	31.7	35.0	50.0	16.7	25.4	25.4	32.0	30°	20	0.33	1			
						1.260	.375	1.969	.295	1.248	1.378	1.969	.657	1.000	1.000	1.260	290						
						32.0	12.7	55.0	7.5	55.0			23.0	32.0			30°	20	0.84	1			
1/2	1	1	3	C3-A391.20-12 055	1.260	.500	2.165	.295	2.165			.906	1.260			290							
C4	3/8	1	1	14	C4-A391.20-09 050A	40.0	9.5	51.0	7.5	28.3	31.0	51.0	16.7	25.4	25.4	40.0	30°	20	0.60	1			
						1.575	.375	2.008	.295	1.114	1.220	2.008	.657	1.000	1.000	1.575	290						
						40.0	12.7	56.0	7.5	31.8	36.0	56.0	23.0	31.7	31.7	40.0	30°	20	0.60	1			
1/2	1	1	14	C4-A391.20-12 055A	1.575	.500	2.205	.295	1.252	1.417	2.205	.906	1.248	1.248	1.575	290							
5/8	1	1	3	C4-A391.20-15 055	40.0	15.9	55.0	7.5	55.0			32.3	41.0			30°	20	1.30	1				
					1.575	.625	2.165	.295	2.165			1.272	1.614			290							
					3/4	1	1	3	C4-A391.20-19 060	40.0	19.1	60.0	7.5	60.0			35.8	44.5		30°	20	1.65	1
					1.575	.750	2.362	.295	2.362			1.409	1.752			290							
C5	3/8	1	1	14	C5-A391.20-09 055	50.0	9.5	55.0	7.5	28.0	35.1	55.0	16.7	25.4	25.4	50.0	30°	20	1.30	1			
						1.969	.375	2.165	.295	1.102	1.382	2.165	.657	1.000	1.000	1.969	290						
						50.0	12.7	60.0	7.5	35.7	40.0	60.0	23.0	31.7	31.7	50.0	30°	20	1.66	1			
1/2	1	1	14	C5-A391.20-12 060	1.969	.500	2.362	.295	1.406	1.575	2.362	.906	1.248	1.248	1.969	290							
5/8	1	1	14	C5-A391.20-15 060A	50.0	15.9	60.0	7.5	38.4	40.0	61.0	32.3	41.0	41.0	50.0	30°	20	2.29	1				
					1.969	.625	2.362	.295	1.512	1.575	2.402	1.272	1.614	1.614	1.969	290							
					3/4	1	1	14	C5-A391.20-19 060	50.0	19.1	60.0	7.5	38.4	40.0	60.0	35.8	44.5	44.5	50.0	30°	20	2.29
					1.969	.750	2.362	.295	1.512	1.575	2.362	1.409	1.752	1.752	1.969	290							
7/8	1	1	3	C5-A391.20-22 075	50.0	22.2	75.0	7.5	75.0			41.3	50.0			30°	20	2.29	1				
					1.969	.875	2.953	.295	2.953			1.626	1.969			290							
					1	1	1	3	C5-A391.20-25 085	50.0	25.4	85.0	7.5	85.0			48.4	57.1		30°	20	3.20	1
					1.969	1.000	3.346	.295	3.346			1.906	2.248			290							
1 1/4	1	1	3	C5-A391.20-31 085	50.0	31.8	85.0	7.5	85.0			54.3	63.0			30°	20	3.20	1				
					1.969	1.250	3.347	.295	3.346			2.138	2.480			290							
					C6	3/8	1	1	14	C6-A391.20-09 060	63.0	9.5	60.0	7.5	29.0	37.8	60.0	16.7	25.4	25.4	63.0	30°	20
2.480	.375	2.362	.295	1.142	1.488						2.362	.657	1.000	1.000	2.480	290							
1/2	1	1	14	C6-A391.20-12 060	63.0						12.7	60.0	7.5	32.0	37.7	60.0	23.0	31.7	31.7	63.0	30°	20	2.40
					2.480	.500	2.362	.295	1.260	1.484	2.362	.906	1.248	1.248	2.480	290							
5/8	1	1	14	C6-A391.20-15 065	63.0	15.9	65.0	7.5	36.6	43.0	65.0	32.3	41.0	41.0	63.0	30°	20	2.40	0				
					2.480	.625	2.560	.295	1.441	1.693	2.559	1.272	1.614	1.614	2.480	290							
					3/4	1	1	14	C6-A391.20-19 065A	63.0	19.1	65.0	7.5	38.7	44.0	66.0	35.8	44.5	44.5	63.0	30°	20	2.40
					2.480	.750	2.560	.295	1.524	1.732	2.598	1.409	1.752	1.752	2.480	290							
7/8	1	1	14	C6-A391.20-22 080	63.0	22.2	65.0	7.5	56.0	57.9	80.0	41.3	50.0	50.0	63.0	30°	20	3.38	0				
					2.480	.875	2.560	.295	2.205	2.280	3.150	1.626	1.969	1.969	2.480	290							
					1	1	1	14	C6-A391.20-25 085	63.0	25.4	85.0	7.5	61.0	62.7	85.0	48.4	57.1	57.1	63.0	30°	20	3.38
					2.480	1.000	3.347	.295	2.402	2.469	3.346	1.906	2.248	2.248	2.480	290							
1 1/4	1	1	3	C6-A391.20-31 085	63.0	31.8	85.0	7.5	85.0			54.3	63.0			30°	20	1.00	0				
					2.480	1.250	3.347	.295	3.346			2.138	2.480			290							
					1 1/2	1	1	3	C6-A391.20-38 090	63.0	38.1	90.0	7.5	90.0			61.3	70.0		30°	20	3.30	0
					2.480	1.500	3.543	.295	3.543			2.413	2.756			290							



Q1



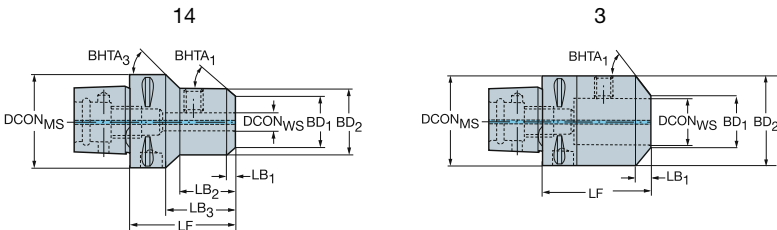
Q35

Coromant Capto® to Weldon adapter

Workpiece side interface ANSI B94.19



DSGN



Inch bore

		Dimensions, mm, inch																		
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₁	CP BarPSI	kg	BBD
C8	3/8	1	1	14	C8-A391.20-09 070	80.0	9.5	70.0	7.5	27.5	40.2	70.0	16.7	25.4	25.4	80.0	30°	20	1.70	0
						3.150	.375	2.756	.295	1.083	1.583	2.756	.657	1.000	1.000	3.150		290		
	1/2	1	1	14	C8-A391.20-12 070	80.0	12.7	70.0	7.5	31.0	39.8	70.0	23.0	31.7	31.7	80.0	30°	20	1.70	0
						3.150	.500	2.756	.295	1.220	1.567	2.756	.906	1.248	1.248	3.150		290		
	5/8	1	1	14	C8-A391.20-15 070	80.0	15.9	70.0	7.5	33.5	39.8	70.0	32.3	41.0	41.0	80.0	30°	20	1.70	0
						3.150	.625	2.756	.295	1.319	1.567	2.756	1.272	1.614	1.614	3.150		290		
	3/4	1	1	14	C8-A391.20-19 075	80.0	19.1	75.0	7.5	36.5	44.8	75.0	35.8	44.5	44.5	80.0	30°	20	2.30	0
						3.150	.750	2.953	.295	1.437	1.764	2.953	1.409	1.752	1.752	3.150		290		
	7/8	1	1	14	C8-A391.20-22 080	80.0	22.2	80.0	7.5	41.5	50.2	80.0	41.3	50.0	50.0	80.0	30°	20	2.30	0
						3.150	.875	3.150	.295	1.634	1.976	3.150	1.626	1.969	1.969	3.150		290		
	1	1	1	14	C8-A391.20-25 080	80.0	25.4	80.0	7.5	51.4	58.0	80.0	48.4	57.1	57.1	80.0	30°	20	2.30	0
						3.150	1.000	3.150	.295	2.024	2.283	3.150	1.906	2.248	2.248	3.150		290		
	1 1/4	1	1	14	C8-A391.20-31 080	80.0	31.8	80.0	7.5	53.1	58.0	80.0	54.3	63.0	63.0	80.0	30°	20	2.30	0
						3.150	1.250	3.150	.295	2.091	2.283	3.150	2.138	2.480	2.480	3.150		290		
	1 1/2	1	1	14	C8-A391.20-38 085	80.0	38.1	85.0	7.5	60.1	63.0	85.0	61.3	70.0	70.0	80.0	30°	20	2.65	0
						3.150	1.500	3.346	.295	2.366	2.480	3.346	2.413	2.756	2.756	3.150		290		
	2	1	1	3	C8-A391.20-50 115	80.0	50.8	115.0	7.5	115.0			84.8	93.5			30°	20	5.98	0
						3.150	2.000	4.528	.295	4.528			3.339	3.681				290		

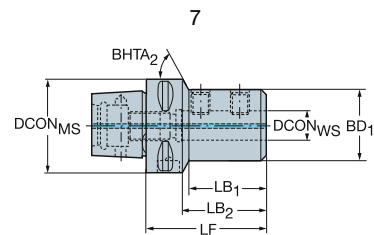
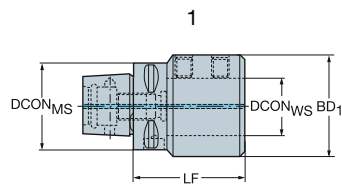
Q1

Q35

Coromant Capto® to ISO 9766 adapter



DSGN



Metric bore

						Dimensions, mm, inch														
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₂			BBD		
C3	16	1	1	1	C3-391.27-16 056	32.0	16.0	56.0	56.0			36.0					20	0.40	1	
						1.260	.630	2.205	2.205			1.417					290			
	20	1	1	1	C3-391.27-20 060	32.0	20.0	60.0	60.0			40.0					20	0.40	1	
						1.260	.787	2.362	2.362			1.575					290			
C4	16	1	1	7	C4-391.27-16 056	40.0	16.0	56.0	32.5	36.0	56.0	36.0	36.0	40.0	30°		20	0.60	1	
						1.575	.630	2.205	1.280	1.417	2.205	1.417	1.417	1.575			290			
	20	1	1	1	C4-391.27-20 060	40.0	20.0	60.0	60.0			40.0					20	0.60	1	
						1.575	.787	2.362	2.362			1.575					290			
	25	1	1	1	C4-391.27-25 077	40.0	25.0	77.0	77.0			45.0					20	0.70	1	
						1.575	.984	3.032	3.032			1.772					290			
C5	16	1	1	7	C5-391.27-16 065	50.0	16.0	65.0	41.7	45.0	65.0	36.0	36.0	50.0	65°		20	0.71	1	
						1.969	.630	2.559	1.642	1.772	2.559	1.417	1.417	1.969			290			
	20	1	1	7	C5-391.27-20 060	50.0	20.0	60.0	37.7	40.0	60.0	40.0	40.0	50.0	65°		20	0.71	1	
						1.969	.787	2.362	1.484	1.575	2.362	1.575	1.575	1.969			290			
	25	1	1	7	C5-391.27-25 071	50.0	25.0	71.0	46.7	51.0	71.0	45.0	45.0	50.0	30°		20	0.80	1	
						1.969	.984	2.795	1.839	2.008	2.795	1.772	1.772	1.969			290			
	32	1	1	1	C5-391.27-32 075	50.0	32.0	75.0	75.0			52.0					20	1.00	1	
						1.969	1.260	2.953	2.953			2.047					290			
C6	16	1	1	7	C6-391.27-16 070	63.0	16.0	70.0	43.0	47.9	70.0	36.0	36.0	63.0	70°		20	1.10	0	
						2.480	.630	2.756	1.693	1.886	2.756	1.417	1.417	2.480			290			
	20	1	1	7	C6-391.27-20 070	63.0	20.0	70.0	43.8	48.0	70.0	40.0	40.0	63.0	70°		20	1.10	0	
						2.480	.787	2.756	1.724	1.890	2.756	1.575	1.575	2.480			290			
	25	1	1	7	C6-391.27-25 070A	63.0	25.0	72.0	45.8	50.0	72.0	45.0	45.0	63.0	65°		20	1.10	0	
						2.480	.984	2.835	1.803	1.969	2.835	1.772	1.772	2.480			290			
	32	1	1	7	C6-391.27-32 075	63.0	32.0	75.0	49.8	53.0	75.0	52.0	52.0	63.0	60°		20	1.30	0	
						2.480	1.260	2.953	1.961	2.087	2.953	2.047	2.047	2.480			290			
	40	1	1	1	C6-391.27-40 085	63.0	40.0	85.0	85.0			65.0					20	1.70	0	
						2.480	1.575	3.346	3.346			2.559					290			
	50	1	1	1	C6-391.27-50 115	63.0	50.0	115.0	115.0			75.0					20	2.60	0	
						2.480	1.969	4.528	4.528			2.953					290			
C8	16	1	1	7	C8-391.27-16 080	80.0	16.0	80.0	42.0	50.0	80.0	36.0	36.0	80.0	70°		20	2.10	0	
						3.150	.630	3.150	1.654	1.969	3.150	1.417	1.417	3.150			290			
	20	1	1	7	C8-391.27-20 080	80.0	20.0	80.0	43.8	49.9	80.0	40.0	40.0	80.0	73°		20	2.43	0	
						3.150	.787	3.150	1.724	1.965	3.150	1.575	1.575	3.150			290			
	25	1	1	7	C8-391.27-25 085	80.0	25.0	85.0	49.8	55.1	85.0	45.0	45.0	80.0	73°		20	2.42	0	
						3.150	.984	3.346	1.961	2.169	3.346	1.772	1.772	3.150			290			
	32	1	1	7	C8-391.27-32 090	80.0	32.0	90.0	53.8	60.0	90.0	52.0	52.0	80.0	66°		20	2.42	0	
						3.150	1.260	3.543	2.118	2.362	3.543	2.047	2.047	3.150			290			
	40	1	1	7	C8-391.27-40 095	80.0	40.0	95.0	62.8	65.1	95.0	65.0	65.0	80.0	73°		20	2.80	0	
						3.150	1.575	3.740	2.472	2.563	3.740	2.559	2.559	3.150			290			
	50	1	1	7	C8-391.27-50 100	80.0	50.0	100.0	68.6	70.0	100.0	75.0	75.0	80.0	61°		20	3.10	0	
						3.150	1.969	3.937	2.701	2.756	3.937	2.953	2.953	3.150			290			

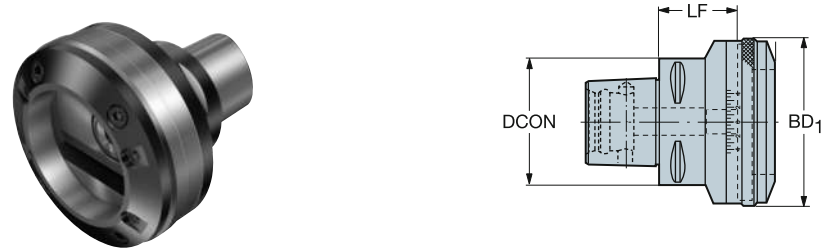


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Q35

Coromant Capto® to ISO 9766 adjustable adapter



					Dimensions, mm, inch						
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	BD ₁	CP Bar/PSI	Kg
C5	1	1	1	C5-391.277-01 040A	50.0 1.969	78.0 3.071	40.0 1.575	64.6 2.543	86.0 3.386	20 290	1.68
C6	1	1	1	C6-391.277-01 040B	63.0 2.480	78.0 3.071	40.0 1.575	64.6 2.543	86.0 3.386	20 290	1.70
	2	1	1	C6-391.277-02 045A	63.0 2.480	98.0 3.858	45.0 1.772	69.6 2.740	106.0 4.173	20 290	2.30
C8	2	1	1	C8-391.277-02050A	80.0 3.150	98.0 3.858	50.0 1.969	74.6 2.937	106.0 4.173	20 290	3.45

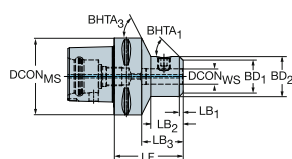


Coromant Capto® to Weldon/ISO 9766 adapter

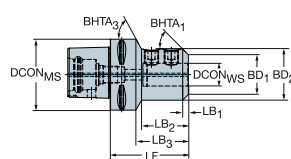


DSGN

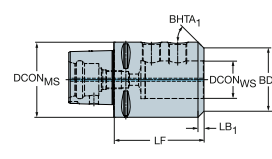
14



14



3



Metric bore

					Dimensions, mm, inch																
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₁	CP BarPSI			
C10	20	1	1	14	C10-391.23-20 090	100.0	20.0	90.0	5.0	42.0	54.0	90.0	42.0	52.0	52.0	100.0	45°	20	4.31		
						3.937	.787	3.543	.197	1.654	2.126	3.543	1.654	2.047	2.047	3.937		290			
25	1	1	14	C10-391.23-25 105	100.0	25.0	105.0	8.0	61.0	69.0	105.0	49.0	65.0	65.0	100.0	45°	20	4.95			
						3.937	.984	4.134	.315	2.402	2.717	4.134	1.929	2.559	2.559	3.937		290			
32	1	1	14	C10-391.23-32 110	100.0	32.0	110.0	8.0	66.0	74.0	110.0	56.0	72.0	72.0	100.0	45°	20	5.30			
						3.937	1.260	4.331	.315	2.598	2.913	4.331	2.205	2.835	2.835	3.937		290			
40	1	1	14	C10-391.23-40 115	100.0	40.0	115.0	8.0	76.0	79.0	115.0	74.0	90.0	90.0	100.0	45°	20	6.45			
						3.937	1.575	4.528	.315	2.992	3.110	4.528	2.913	3.543	3.543	3.937		290			
50	1	1	3	C10-391.23-50 120	100.0	50.0	120.0	8.0	120.0				84.0	100.0			45°	20	7.10		
						3.937	1.969	4.724	.315	4.724			3.307	3.937				290			

Inch bore

					Dimensions, mm, inch																
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₁				
C6	5/8	1	1	14	C6-A391.23-15 065	63.0	15.9	65.0	7.5	36.6	43.0	65.0	32.4	41.0	41.0	63.0	30°	20	1.10		
	3/4	1	1	14	C6-A391.23-19 066	63.0	19.1	66.0	7.5	38.7	44.0	66.0	35.8	44.5	44.5	63.0	30°	20	1.20		
	1	1	1	14	C6-A391.23-25 085	63.0	25.4	85.0	7.5	61.0	63.0	85.0	48.4	57.1	57.1	63.0	30°	20	1.70		
	1 1/4	1	1	3	C6-A391.23-31 085	63.0	31.8	85.0	7.5	85.0			54.4	63.0			30°	20	1.80		
	1 1/2	1	1	3	C6-A391.23-38 090	63.0	38.1	90.0	7.5	90.0			61.4	70.0			30°	20	2.10		
C8	5/8	1	1	14	C8-A391.23-15 070	80.0	15.9	70.0	7.5	34.0	40.0	70.0	32.4	41.0	41.0	80.0	30°	20	2.10		
	3/4	1	1	14	C8-A391.23-19 075	80.0	19.1	75.0	7.5	36.5	44.8	75.0	35.8	44.5	44.5	80.0	30°	20	2.20		
	1	1	1	14	C8-A391.23-25 080	80.0	25.4	80.0	7.5	51.4	58.0	80.0	48.4	57.1	57.1	80.0	30°	20	2.30		
	1 1/4	1	1	14	C8-A391.23-31 080	80.0	31.8	80.0	7.5	53.1	58.0	80.0	54.3	63.0	63.0	80.0	30°	20	2.40		
	1 1/2	1	1	14	C8-A391.23-38 085	80.0	38.1	85.0	7.5	36.5	44.8	75.0	35.8	44.5	44.5	80.0	30°	20	2.60		
	2	1	1	3	C8-A391.23-50 115	80.0	50.8	115.0	7.5	115.0			84.8	93.5			30°	20	4.70		
C10	3/4	1	1	14	C10-A391.23-19 090	100.0	19.1	90.0	7.5	38.0	54.0	90.0	35.8	44.5	44.5	100.0	30°	20	4.18		
	1	1	1	14	C10-A391.23-25 105	100.0	25.4	105.0	7.5	61.5	69.0	105.0	48.4	57.1	57.1	100.0	30°	20	4.58		
	1 1/4	1	1	14	C10-A391.23-31 110	100.0	31.8	110.0	7.5	62.0	74.0	110.0	54.3	63.0	63.0	100.0	30°	20	4.88		
	1 1/2	1	1	14	C10-A391.23-38 115	100.0	38.1	115.0	7.5	72.0	79.0	115.0	61.3	70.0	70.0	100.0	30°	20	5.11		
	2	1	1	14	C10-A391.23-50 120	100.0	50.8	120.0	7.5	82.5	84.0	120.0	84.4	93.5	93.5	100.0	30°	20	6.43		



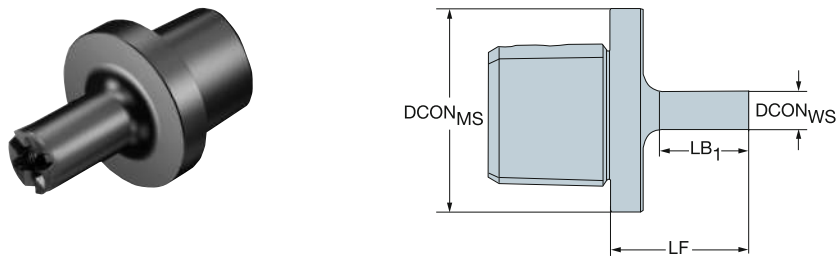
Q1



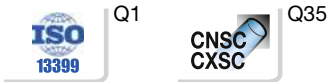
Q35

Coromant Capto® to CoroMill® 327 adapter

Short design, for segment clamping only



				Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂		BBD
C3	06	0	0	C3-391.327-06 029	32.0	6.0	29.0	16.0	29.0	6.0	32.0	0.10	1
					1.260	.236	1.142	.630	1.142	.236	1.260		
	09	0	0	C3-391.327-09 035	32.0	9.0	35.0	22.0	35.0	9.0	32.0	0.11	1
					1.260	.354	1.378	.866	1.378	.354	1.260		
C4	06	0	0	C4-391.327-06 029	40.0	6.0	29.0	16.0	29.0	6.0	40.0	0.15	1
					1.575	.236	1.142	.630	1.142	.236	1.575		
	09	0	0	C4-391.327-09 035	40.0	9.0	35.0	22.0	35.0	9.0	40.0	0.16	1
					1.575	.354	1.378	.866	1.378	.354	1.575		
	12	0	0	C4-391.327-12 043	40.0	12.0	43.0	30.0	43.0	12.0	40.0	0.18	1
					1.575	.472	1.693	1.181	1.693	.472	1.575		
C5	06	0	0	C5-391.327-06 029	50.0	6.0	29.0	16.0	29.0	6.0	50.0	0.28	1
					1.969	.236	1.142	.630	1.142	.236	1.969		
	09	0	0	C5-391.327-09 035	50.0	9.0	35.0	22.0	35.0	9.0	50.0	0.29	1
					1.969	.354	1.378	.866	1.378	.354	1.969		
	12	0	0	C5-391.327-12 043	50.0	12.0	43.0	30.0	43.0	12.0	50.0	0.30	1
					1.969	.472	1.693	1.181	1.693	.472	1.969		
	14	0	0	C5-391.327-14 048	50.0	14.3	48.0	35.0	48.0	14.3	50.0	0.31	1
					1.969	.563	1.890	1.378	1.890	.563	1.969		



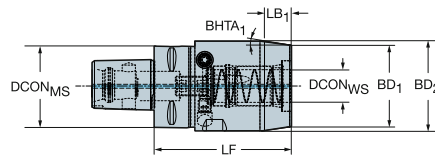
Coromant Capto® to CoroChuck™ 930

Heavy-duty design

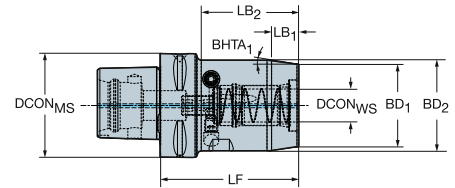


DSGN

3



6



Metric bore

						Dimensions, mm, inch																			
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁			BBD	RPMX						
C4	20	1	1	3	930-C4-HD-20-084	40.0	20.0	84.0	17.8	84.0		50.0	55.0		8°	80	1.27	1	39000						
						1.575	.787	3.307	.701	3.307		1.969	2.165			1160									
C5	20	1	1	3	930-C5-HD-20-082	50.0	20.0	82.0	17.8	82.0		50.0	55.0		8°	80	1.41	1	28000						
						1.969	.787	3.228	.701	3.228		1.969	2.165			1160									
25	1	1	3	930-C5-HD-25-088		50.0	25.0	88.0	18.8	88.0		57.0	65.0		12°	80	1.89	1	28000						
						1.969	.984	3.465	.740	3.465		2.244	2.559			1160									
C6	20	1	1	6	930-C6-HD-20-084	63.0	20.0	84.0	17.8	59.0	84.0	50.0	55.0	63.0	8°	80	1.74	1	20000						
						2.480	.787	3.307	.701	2.323	3.307	1.969	2.165	2.480		1160									
25	1	1	3	930-C6-HD-25-087		63.0	25.0	87.0	18.8	87.0		57.0	65.0		12°	80	2.15	1	20000						
						2.480	.984	3.425	.740	3.425		2.244	2.559			1160									
32	1	1	3	930-C6-HD-32-091		63.0	32.0	91.0	18.8	91.0		68.0	76.0		12°	80	2.74	1	20000						
						2.480	1.260	3.583	.740	3.583		2.677	2.992			1160									
C8	20	1	1	6	930-C8-HD-20-097	80.0	20.0	97.0	17.8	62.0	97.0	50.0	55.0	80.0	8°	80	2.84	1	14000						
						3.150	.787	3.819	.701	2.441	3.819	1.969	2.165	3.150		1160									
25	1	1	6	930-C8-HD-25-097		80.0	25.0	97.0	18.8	63.0	97.0	57.0	65.0	80.0	12°	80	3.20	1	14000						
						3.150	.984	3.819	.740	2.480	3.819	2.244	2.559	3.150		1160									
32	1	1	6	930-C8-HD-32-085		80.0	32.0	85.0	18.8	53.3	85.0	67.8	76.0	80.0	12°	80	3.25	1	14000						
						3.150	1.260	3.346	.740	2.098	3.346	2.669	2.992	3.150		1160									
C10	32	1	1	6	930-C10-HD-32-098	100.0	32.0	98.0	18.8	56.2	98.0	67.8	76.0	100.0	12°	80	5.09	1	10000						
						3.937	1.260	3.858	.740	2.213	3.858	2.669	2.992	3.937		1160									



P14



P44



Q5



Q1



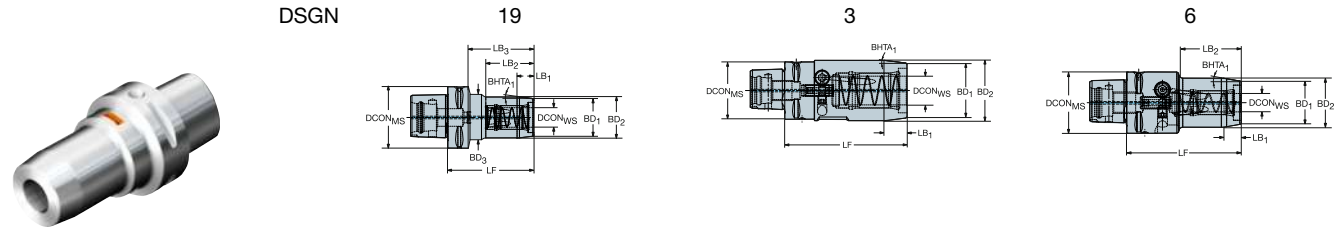
Q35



Q32

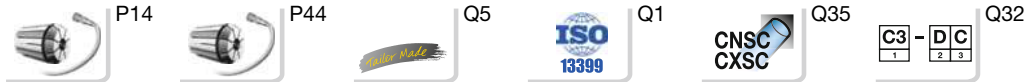
Coromant Capto® to CoroChuck™ 930

Slender design



Metric bore

						Dimensions, mm, inch																
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₁			BBD	RPMX	
C3	12	1	1	3	930-C3-S-12-074	32.0	12.0	74.0	11.3	74.0			28.0	32.0			10°	80	0.45	1	55000	
						1.260	.472	2.913	.445	2.913			1.102	1.260				1160				
C4	12	1	1	6	930-C4-S-12-080A	40.0	12.0	80.0	11.3	40.0	80.0		28.0	32.0	40.0		15°	80	0.60	1	39000	
						1.575	.472	3.150	.445	1.575	3.150		1.102	1.260	1.575			1160				
	20	1	1	3	930-C4-S-20-090A	40.0	20.0	90.0	16.0	90.0			38.0	42.0			7°	80	0.80	1	39000	
						1.575	.787	3.543	.630	3.543			1.496	1.654				1160				
C5	12	1	1	6	930-C5-S-12-075	50.0	12.0	75.0	11.3	38.2	75.0		28.0	32.0	50.0		10°	80	0.82	1	28000	
						1.969	.472	2.953	.445	1.504	2.953		1.102	1.260	1.969			1160				
	20	1	1	6	930-C5-S-20-085	50.0	20.0	85.0	16.0	49.2	85.0		28.0	42.0	50.0		7°	80	1.01	1	28000	
						1.969	.787	3.346	.630	1.937	3.346		1.102	1.654	1.969			1160				
	20	1	1	6	930-C5-S-20-125	50.0	20.0	125.0	16.0	49.2	125.0		38.0	42.0	50.0		7°	80	1.60	1	28000	
						1.969	.787	4.921	.630	1.937	4.921		1.496	1.654	1.969			1160				
C6	12	1	1	19	930-C6-S-12-082	63.0	12.0	82.0	11.3	38.2	56.0	82.0	28.0	32.0	50.0	63.0	10°	80	1.22	1	20000	
						2.480	.472	3.228	.445	1.504	2.205	3.228	1.102	1.260	1.969	2.480		1160				
	20	1	1	19	930-C6-S-20-091	63.0	20.0	91.0	16.0	49.2	65.1	91.0	38.0	42.0	50.0	63.0	7°	80	1.40	1	20000	
						2.480	.787	3.583	.630	1.937	2.563	3.583	1.496	1.654	1.969	2.480		1160				
	20	1	1	19	930-C6-S-20-150	63.0	20.0	150.0	16.0	49.2	66.8	150.0	38.0	42.0	50.0	63.0	7°	80	2.52	1	20000	
						2.480	.787	5.906	.630	1.937	2.630	5.906	1.496	1.654	1.969	2.480		1160				
C8	12	1	1	19	930-C8-S-12-094	80.0	12.0	94.0	11.3	38.2	59.0	94.0	28.0	32.0	50.0	80.0	10°	80	2.29	1	14000	
						3.150	.472	3.701	.445	1.504	2.323	3.701	1.102	1.260	1.969	3.150		1160				
	20	1	1	19	930-C8-S-20-103	80.0	20.0	103.0	16.0	49.2	68.0	103.0	38.0	42.0	50.0	80.0	7°	80	2.47	1	14000	
						3.150	.787	4.055	.630	1.937	2.677	4.055	1.496	1.654	1.969	3.150		1160				
	20	1	1	19	930-C8-S-20-175	80.0	20.0	175.0	16.0	49.2	70.0	175.0	38.0	42.0	50.0	80.0	7°	80	4.29	1	14000	
						3.150	.787	6.890	.630	1.937	2.756	6.890	1.496	1.654	1.969	3.150		1160				



Coromant Capto® to CoroChuck™ 930

Pencil design

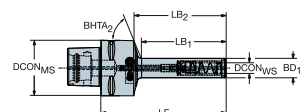
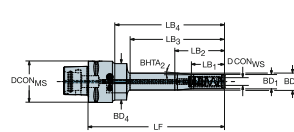
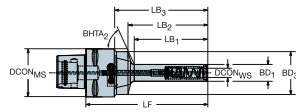


DSGN

11

17

7



Metric bore

					Dimensions, mm, inch																						
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₂	Bar PSI	Kg	BBD	RPMX						
C4	6	1	1	7	930-C4-P-06-085	40.0	6.0	85.0	45.8	52.1	85.0		14.5	14.5	40.0		62°	80	0.42	1	39000						
						1.575	.236	3.346	1.803	2.051	3.346		.571	.571	1.575			1160									
	12	1	1	7	930-C4-P-12-100	40.0	12.0	100.0	60.8	66.4	100.0		22.0	22.0	40.0		55°	80	0.52	1	39000						
						1.575	.472	3.937	2.394	2.614	3.937		.866	.866	1.575			1160									
	12	1	1	7	930-C4-P-12-135	40.0	12.0	135.0	95.8	101.4	135.0		22.0	22.0	40.0		55°	80	0.62	1	39000						
						1.575	.472	5.315	3.772	3.992	5.315		.866	.866	1.575			1160									
C4	12	1	1	11	930-C4-P-12-185	40.0	12.0	185.0	50.0	75.0	145.8	185.0	22.0	22.0	26.0	40.0	4°	80	0.87	1	39000						
						1.575	.472	7.283	1.969	2.953	5.740	7.283	.866	.866	1.024	1.575		1160									
	20	1	1	7	930-C4-P-20-160	40.0	20.0	160.0	60.0	108.0	160.0		32.0	32.0	42.0		5°	80	1.19	1	39000						
						1.575	.787	6.299	2.362	4.252	6.299		1.260	1.260	1.654			1160									
	C5	6	1	1	11	930-C5-P-06-088	50.0	6.0	88.0	47.9	52.1	65.0	88.0	14.5	14.5	40.0	50.0	70°	80	0.63	1	28000					
							1.969	.236	3.465	1.886	2.051	2.559	3.465	.571	.571	1.575	1.969		1160								
12		1	1	11	930-C5-P-12-103	50.0	12.0	103.0	60.8	66.4	80.0	103.0	22.0	22.0	40.0	50.0	55°	80	0.72	1	28000						
						1.969	.472	4.055	2.394	2.614	3.150	4.055	.866	.866	1.575	1.969		1160									
12		1	1	11	930-C5-P-12-138	50.0	12.0	138.0	95.8	101.4	115.0	138.0	22.0	22.0	40.0	50.0	55°	80	0.83	1	28000						
						1.969	.472	5.433	3.772	3.992	4.528	5.433	.866	.866	1.575	1.969		1160									
C5	12	1	1	17	930-C5-P-12-188	50.0	12.0	188.0	50.0	75.0	145.8	167.0	22.0	22.0	26.0	40.0	4°	80	1.08	1	28000						
						1.969	.472	7.402	1.969	2.953	5.740	6.575	.866	.866	1.024	1.575		1160									
	20	1	1	11	930-C5-P-20-151	50.0	20.0	151.0	60.0	108.0	128.0	151.0	32.0	32.0	42.0	50.0	6°	80	1.28	1	28000						
						1.969	.787	5.945	2.362	4.252	5.039	5.945	1.260	1.260	1.654	1.969		1160									
	20	1	1	11	930-C5-P-20-231	50.0	20.0	231.0	60.0	188.0	208.0	231.0	32.0	32.0	42.0	50.0	2°	80	1.94	1	28000						
						1.969	.787	9.094	2.362	7.402	8.189	9.094	1.260	1.260	1.654	1.969		1160									
C6	6	1	1	11	930-C6-P-06-091	63.0	6.0	91.0	47.9	52.1	64.9	91.0	14.5	14.5	40.0	63.0	70°	80	0.97	1	20000						
						2.480	.236	3.583	1.886	2.051	2.555	3.583	.571	.571	1.575	2.480		1160									
	12	1	1	11	930-C6-P-12-107	63.0	12.0	107.0	60.8	66.4	80.0	107.0	22.0	22.0	40.0	63.0	55°	80	1.08	1	20000						
						2.480	.472	4.213	2.394	2.614	3.150	4.213	.866	.866	1.575	2.480		1160									
	12	1	1	11	930-C6-P-12-142	63.0	12.0	142.0	95.8	101.4	115.0	142.0	22.0	22.0	40.0	63.0	55°	80	1.19	1	20000						
						2.480	.472	5.591	3.772	3.992	4.528	5.591	.866	.866	1.575	2.480		1160									
C6	12	1	1	17	930-C6-P-12-192	63.0	12.0	192.0	50.0	75.0	145.8	167.0	22.0	22.0	26.0	40.0	4°	80	1.44	1	20000						
						2.480	.472	7.559	1.969	2.953	5.740	6.575	.866	.866	1.024	1.575		1160									
	20	1	1	11	930-C6-P-20-155	63.0	20.0	155.0	60.0	108.0	128.1	155.0	32.0	32.0	42.0	63.0	6°	80	1.64	1	20000						
						2.480	.787	6.102	2.362	4.252	5.043	6.102	1.260	1.260	1.654	2.480		1160									
	20	1	1	11	930-C6-P-20-235	63.0	20.0	235.0	60.0	188.0	208.1	235.0	32.0	32.0	42.0	63.0	2°	80	2.30	1	20000						
						2.480	.787	9.252	2.362	7.402	8.193	9.252	1.260	1.260	1.654	2.480		1160									
C8	12	1	1	11	930-C8-P-12-120	80.0	12.0	120.0	60.8	66.4	83.0	120.0	22.0	22.0	40.0	80.0	55°	80	2.16	1	14000						
						3.150	.472	4.724	2.394	2.614	3.268	4.724	.866	.866	1.575	3.150		1160									
	12	1	1	11	930-C8-P-12-155	80.0	12.0	155.0	95.8	101.4	118.0	155.0	22.0	22.0	40.0	80.0	55°	80	2.26	1	14000						
						3.150	.472	6.102	3.772	3.992	4.646	6.102	.866	.866	1.575	3.150		1160									
	12	1	1	17	930-C8-P-12-205	80.0	12.0	205.0	50.0	75.0	145.8	170.0	22.0	22.0	26.0	40.0	4°	80	2.51	1	14000						
						3.150	.472	8.071	1.969	2.953	5.740	6.693	.866	.866	1.024	1.575		1160									
20	1	1	11	930-C8-P-20-165	80.0	20.0	165.0	60.0	108.0	128.1	165.0	32.0	32.0	42.0	80.0	6°	80	2.68	1	14000							
					3.150	.787	6.496	2.362	4.252	5.043	6.496	1.260	1.260	1.654	3.150		1160										
20	1	1	11	930-C8-P-20-245	80.0	20.0	245.0	60.0	188.0	208.1	245.0	32.0	32.0	42.0	80.0	2°	80	3.34	1	14000							
					3.150	.787	9.646	2.362	7.402	8.193	9.646	1.260	1.260	1.654	3.150		1160										



P14



P44



Q1



Q35



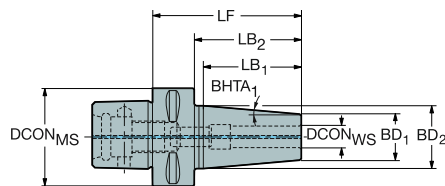
Q32

Coromant Capto® to shrink-fit chuck

Short design

DSGN

6



Metric bore

					Dimensions, mm, inch																				
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁		BBD								
C4	6	1	1	6	C4-391.19-06 075	40.0	6.0	75.0	44.1	55.0	75.0	20.0	27.0	40.0	4°	80	0.42	1							
						1.575	.236	2.953	1.736	2.165	2.953	.787	1.063	1.575		1160									
	8	1	1	6	C4-391.19-08 075	40.0	8.0	75.0	44.1	55.0	75.0	20.0	27.0	40.0	4°	80	0.42	1							
						1.575	.315	2.953	1.736	2.165	2.953	.787	1.063	1.575		1160									
	10	1	1	6	C4-391.19-10 075	40.0	10.0	75.0	50.5	55.0	75.0	24.0	32.0	40.0	4°	80	0.50	1							
						1.575	.394	2.953	1.988	2.165	2.953	.945	1.260	1.575		1160									
12	1	1	6	C4-391.19-12 075	40.0	12.0	75.0	50.5	55.0	75.0	24.0	32.0	40.0	4°	80	0.46	1								
					1.575	.472	2.953	1.988	2.165	2.953	.945	1.260	1.575		1160										
	14	1	1	6	C4-391.19-14 080	40.0	14.0	80.0	44.1	60.0	80.0	27.0	34.0	40.0	4°	80	0.52	1							
						1.575	.551	3.150	1.736	2.362	3.150	1.063	1.339	1.575		1160									
	16	1	1	6	C4-391.19-16 080	40.0	16.0	80.0	44.1	60.0	80.0	27.0	34.0	40.0	4°	80	0.52	1							
						1.575	.630	3.150	1.736	2.362	3.150	1.063	1.339	1.575		1160									
C5	6	1	1	6	C5-391.19-06 075	50.0	6.0	75.0	44.1	55.0	75.0	20.0	27.0	50.0	4°	80	0.61	1							
						1.969	.236	2.953	1.736	2.165	2.953	.787	1.063	1.969		1160									
	8	1	1	6	C5-391.19-08 075	50.0	8.0	75.0	43.9	55.0	75.0	20.0	27.0	50.0	4°	80	0.60	1							
						1.969	.315	2.953	1.728	2.165	2.953	.787	1.063	1.969		1160									
	10	1	1	6	C5-391.19-10 075	50.0	10.0	75.0	50.2	55.0	75.0	24.0	32.0	50.0	4°	80	0.66	1							
						1.969	.394	2.953	1.976	2.165	2.953	.945	1.260	1.969		1160									
12	1	1	6	C5-391.19-12 075	50.0	12.0	75.0	50.2	55.0	75.0	24.0	32.0	50.0	4°	80	0.64	1								
					1.969	.472	2.953	1.976	2.165	2.953	.945	1.260	1.969		1160										
	14	1	1	6	C5-391.19-14 080	50.0	14.0	80.0	44.1	60.0	80.0	27.0	34.0	50.0	4°	80	0.72	1							
						1.969	.551	3.150	1.736	2.362	3.150	1.063	1.339	1.969		1160									
	16	1	1	6	C5-391.19-16 080	50.0	16.0	80.0	44.1	60.0	80.0	27.0	34.0	50.0	4°	80	0.72	1							
						1.969	.630	3.150	1.736	2.362	3.150	1.063	1.339	1.969		1160									
18	1	1	6	C5-391.19-18 080	50.0	18.0	80.0	56.9	60.0	80.0	33.0	42.0	50.0	4°	80	0.90	1								
					1.969	.709	3.150	2.240	2.362	3.150	1.299	1.654	1.969		1160										
	20	1	1	6	C5-391.19-20 085	50.0	20.0	85.0	56.9	65.0	85.0	33.0	42.0	50.0	4°	80	0.90	1							
						1.969	.787	3.346	2.240	2.559	3.346	1.299	1.654	1.969		1160									
	C6	6	1	1	6	C6-391.19-06 080	63.0	6.0	80.0	44.1	58.0	80.0	20.0	27.0	63.0	4°	80	0.90	1						
							2.480	.236	3.150	1.736	2.283	3.150	.787	1.063	2.480		1160								
8		1	1	6	C6-391.19-08 080	63.0	8.0	80.0	44.1	58.0	80.0	20.0	27.0	63.0	4°	80	0.90	1							
						2.480	.315	3.150	1.736	2.283	3.150	.787	1.063	2.480		1160									
10		1	1	6	C6-391.19-10 080	63.0	10.0	80.0	50.5	58.0	80.0	24.0	32.0	63.0	4°	80	1.00	1							
						2.480	.394	3.150	1.988	2.283	3.150	.945	1.260	2.480		1160									
12	1	1	6	C6-391.19-12 080	63.0	12.0	80.0	50.5	58.0	80.0	24.0	32.0	63.0	4°	80	1.00	1								
					2.480	.472	3.150	1.988	2.283	3.150	.945	1.260	2.480		1160										
	14	1	1	6	C6-391.19-14 085	63.0	14.0	85.0	44.1	63.0	85.0	27.0	34.0	63.0	4°	80	1.10	1							
						2.480	.551	3.346	1.736	2.480	3.346	1.063	1.339	2.480		1160									
	16	1	1	6	C6-391.19-16 085	63.0	16.0	85.0	44.1	63.0	85.0	27.0	34.0	63.0	4°	80	1.10	1							
						2.480	.630	3.346	1.736	2.480	3.346	1.063	1.339	2.480		1160									
18	1	1	6	C6-391.19-18 085	63.0	18.0	85.0	56.9	63.0	85.0	33.0	42.0	63.0	4°	80	1.27	1								
					2.480	.709	3.346	2.240	2.480	3.346	1.299	1.654	2.480		1160										
	20	1	1	6	C6-391.19-20 085	63.0	20.0	85.0	56.9	63.0	85.0	33.0	42.0	63.0	4°	80	1.24	1							
						2.480	.787	3.346	2.240	2.480	3.346	1.299	1.654	2.480		1160									
	25	1	1	6	C6-391.19-25 090	63.0	25.0	90.0	56.9	68.0	90.0	44.0	53.0	63.0	4°	80	1.54	1							
						2.480	.984	3.543	2.240	2.677	3.543	1.732	2.087	2.480		1160									
32	1	1	6	C6-391.19-32 095	63.0	32.0	95.0	56.9	73.0	95.0	44.0	53.0	63.0	4°	80	1.34	1								
					2.480	1.260	3.740	2.240	2.874	3.740	1.732	2.087	2.480		1160										



Q1



Q35

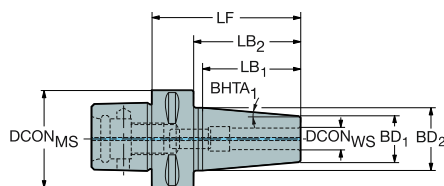
Coromant Capto® to shrink-fit chuck

Short design



DSGN

6



Metric bore

					Dimensions, mm, inch														
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁			BBD	
C8	10	1	1	6	C8-391.19-10 090	80.0	10.0	90.0	50.2	60.0	90.0	24.0	32.0	80.0	4°	80	2.00	1	
						3.150	.394	3.543	1.976	2.362	3.543	.945	1.260	3.150	1160				
	12	1	1	6	C8-391.19-12 090	80.0	12.0	90.0	50.2	60.0	90.0	24.0	32.0	80.0	4°	80	1.98	1	
						3.150	.472	3.543	1.976	2.362	3.543	.945	1.260	3.150	1160				
	16	1	1	6	C8-391.19-16 095	80.0	16.0	95.0	43.8	65.0	95.0	27.0	34.0	80.0	4°	80	2.03	1	
3.150						.630	3.740	1.724	2.559	3.740	1.063	1.339	3.150	1160					
C8	20	1	1	6	C8-391.19-20 095	80.0	20.0	95.0	56.5	65.0	95.0	33.0	42.0	80.0	4°	80	2.14	1	
						3.150	.787	3.740	2.224	2.559	3.740	1.299	1.654	3.150	1160				
	25	1	1	6	C8-391.19-25 100	80.0	25.0	100.0	56.5	70.0	100.0	44.0	53.0	80.0	4°	80	2.54	1	
						3.150	.984	3.937	2.224	2.756	3.937	1.732	2.087	3.150	1160				
	C10	12	1	1	6	C10-391.19-12 095	100.0	12.0	95.0	50.5	59.0	95.0	24.0	32.0	100.0	4°	80	3.58	1
3.937							.472	3.740	1.988	2.323	3.740	.945	1.260	3.937	1160				
16		1	1	6	C10-391.19-16 100	100.0	16.0	100.0	44.1	64.0	100.0	27.0	34.0	100.0	4°	80	3.64	1	
						3.937	.630	3.937	1.736	2.520	3.937	1.063	1.339	3.937	1160				
20		1	1	6	C10-391.19-20 100	100.0	20.0	100.0	56.9	64.0	100.0	33.0	42.0	100.0	4°	80	3.74	1	
	3.937					.787	3.937	2.240	2.520	3.937	1.299	1.654	3.937	1160					
25	1	1	6	C10-391.19-25 110	100.0	25.0	110.0	56.9	74.0	110.0	44.0	53.0	100.0	4°	80	4.21	1		
					3.937	.984	4.331	2.240	2.913	4.331	1.732	2.087	3.937	1160					

Inch bore

					Dimensions, mm, inch														
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁			BBD	
C6	3/8	1	1	6	C6-A391.19-09 080	63.0	9.5	80.0	50.2	56.0	80.0	24.0	32.0	63.0	4°	80	1.00	1	
						2.480	.375	3.150	1.976	2.205	3.150	.945	1.260	2.480		1160			
	1/2	1	1	6	C6-A391.19-12 080	63.0	12.7	80.0	50.2	56.0	80.0	24.0	32.0	63.0	4°	80	1.00	1	
						2.480	.500	3.150	1.976	2.205	3.150	.945	1.260	2.480		1160			
						5/8	1	1	6	C6-A391.19-15 085	63.0	15.9	85.0	43.8	61.0	85.0	27.0	34.0	63.0
							2.480	.625	3.346	1.724	2.402	3.346	1.063	1.339	2.480		1160		
3/4							1	1	6	C6-A391.19-19 085	63.0	19.1	85.0	56.5	61.0	85.0	33.0	42.0	63.0
						2.480	.750	3.346	2.224	2.402	3.346	1.299	1.654	2.480		1160			
						C8	3/8	1	1	6	C8-A391.19-09 090	80.0	9.5	90.0	50.2	58.0	90.0	24.0	32.0
							3.150	.375	3.543	1.976	2.283	3.543	.945	1.260	3.150		1160		
1/2							1	1	6	C8-A391.19-12 090	80.0	12.7	90.0	50.2	58.0	90.0	24.0	32.0	80.0
						3.150	.500	3.543	1.976	2.283	3.543	.945	1.260	3.150		1160			
						5/8	1	1	6	C8-A391.19-15 095	80.0	15.9	95.0	43.8	63.0	95.0	27.0	34.0	80.0
							3.150	.625	3.740	1.724	2.480	3.740	1.063	1.339	3.150		1160		
3/4							1	1	6	C8-A391.19-19 095	80.0	19.1	95.0	56.5	63.0	95.0	33.0	42.0	80.0
						3.150	.750	3.740	2.224	2.480	3.740	1.299	1.654	3.150		1160			
						C10	3/8	1	1	6	C10-A391.19-09 095	100.0	9.5	95.0	50.2	55.0	95.0	24.0	32.0
							3.937	.375	3.740	1.976	2.165	3.740	.945	1.260	3.937		1160		
1/2							1	1	6	C10-A391.19-12 095	100.0	12.7	95.0	50.2	55.0	95.0	24.0	32.0	100.0
						3.937	.500	3.740	1.976	2.165	3.740	.945	1.260	3.937		1160			
						5/8	1	1	6	C10-A391.19-15 100	100.0	15.9	100.0	43.8	60.0	100.0	27.0	34.0	100.0
							3.937	.625	3.937	1.724	2.362	3.937	1.063	1.339	3.937		1160		
3/4							1	1	6	C10-A391.19-19 100	100.0	19.1	100.0	56.5	60.0	100.0	33.0	42.0	100.0
						3.937	.750	3.937	2.224	2.362	3.937	1.299	1.654	3.937		1160			



Q1



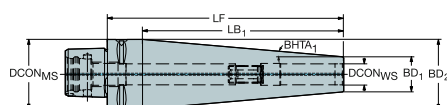
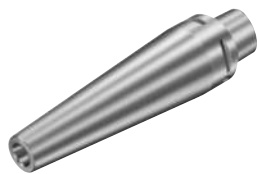
Q35

Coromant Capto® to shrink-fit chuck

Long conical design

DSGN

3



Metric bore

					Dimensions, mm, inch															
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	BHTA ₁	Bar	PSI	Kg	BBD			
C3	6	1	1	3	C3-391.19-06 118	32.0	6.0	118.0	103.0	118.0	14.0	32.0	5°	80		0.43	1			
						1.260	.236	4.646	4.055	4.646	.551	1.260				1160				
	8	1	1	3	C3-391.19-08 107	32.0	8.0	107.0	92.0	107.0	16.0	32.0	5°	80		0.42	1			
						1.260	.315	4.213	3.622	4.213	.630	1.260				1160				
	10	1	1	3	C3-391.19-10 095	32.0	10.0	95.0	80.0	95.0	18.0	32.0	5°	80		0.38	1			
						1.260	.394	3.740	3.150	3.740	.709	1.260				1160				
	12	1	1	3	C3-391.19-12 084	32.0	12.0	84.0	69.0	84.0	20.0	32.0	5°	80		0.35	1			
						1.260	.472	3.307	2.717	3.307	.787	1.260				1160				
C4	12	1	1	3	C4-391.19-12 135	40.0	12.0	135.0	115.0	135.0	20.0	40.0	5°	80		0.81	1			
						1.575	.472	5.315	4.528	5.315	.787	1.575				1160				
	16	1	1	3	C4-391.19-16 112	40.0	16.0	112.0	92.0	112.0	24.0	40.0	5°	80		0.74	1			
						1.575	.630	4.409	3.622	4.409	.945	1.575				1160				
	18	1	1	3	C4-391.19-18 080	40.0	18.0	80.0	56.9	80.0	33.0	42.0	4°	80		0.66	1			
						1.575	.709	3.150	2.240	3.150	1.299	1.654				1160				
	20	1	1	3	C4-391.19-20 085	40.0	20.0	85.0	56.9	85.0	33.0	42.0	4°	80		0.70	1			
						1.575	.787	3.346	2.240	3.346	1.299	1.654				1160				
	20	1	1	3	C4-391.19-20 089	40.0	20.0	89.0	69.0	89.0	28.0	40.0	5°	80		0.60	1			
						1.575	.787	3.504	2.717	3.504	1.102	1.575				1160				
C5	20	1	1	3	C5-391.19-20 146	50.0	20.0	146.0	126.0	146.0	28.0	50.0	5°	80		1.42	1			
						1.969	.787	5.748	4.961	5.748	1.102	1.969				1160				
	25	1	1	3	C5-391.19-25 090	50.0	25.0	90.0	56.9	90.0	44.0	53.0	4°	80		1.24	1			
						1.969	.984	3.543	2.240	3.543	1.732	2.087				1160				
	25	1	1	3	C5-391.19-25 118	50.0	25.0	118.0	98.0	118.0	33.0	50.0	5°	80		1.21	1			
						1.969	.984	4.646	3.858	4.646	1.299	1.969				1160				

Inch bore

					Dimensions, mm, inch																
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	BHTA ₁	Bar	PSI	Kg	BBD				
C3	1/4	1	1	3	C3-A391.19-06 116	32.0	6.4	116.0	101.0	116.0	14.4	32.0	5°	80	0.43	1					
						1.260	.250	4.567	3.976	4.567	.567	1.260			1160						
	3/8	1	1	3	C3-A391.19-09 098	32.0	9.5	98.0	83.0	98.0	17.5	32.0	5°	80	0.40	1					
						1.260	.375	3.858	3.268	3.858	.689	1.260			1160						
	1/2	1	1	3	C3-A391.19-12 080	32.0	12.7	80.0	65.0	80.0	20.7	32.0	5°	80	0.35	1					
						1.260	.500	3.150	2.559	3.150	.815	1.260			1160						
C4	1/2	1	1	3	C4-A391.19-12 131	40.0	12.7	131.0	111.0	131.0	20.7	40.0	5°	80	0.80	1					
						1.575	.500	5.157	4.370	5.157	.815	1.575			1160						
	5/8	1	1	3	C4-A391.19-15 112	40.0	15.9	112.0	92.0	112.0	23.9	40.0	5°	80	0.74	1					
						1.575	.625	4.409	3.622	4.409	.941	1.575			1160						
	3/4	1	1	3	C4-A391.19-19 094	40.0	19.1	94.0	74.0	94.0	27.1	40.0	5°	80	0.63	1					
						1.575	.750	3.701	2.913	3.701	1.067	1.575			1160						
C5	3/4	1	1	3	C5-A391.19-19 151	50.0	19.1	151.0	131.0	151.0	27.1	50.0	5°	80	1.44	1					
						1.969	.750	5.945	5.157	5.945	1.067	1.969			1160						
	1	1	1	3	C5-A391.19-25 115	50.0	25.4	115.0	95.0	115.0	33.4	50.0	5°	80	1.18	1					
						1.969	1.000	4.528	3.740	4.528	1.315	1.969			1160						



Q1

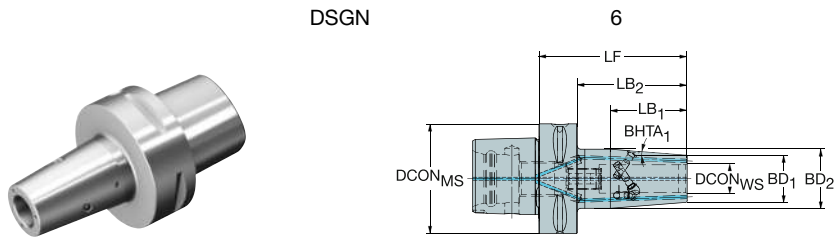


Q35

Coromant Capto® to cylindrical shank with iLock shrink-fit chuck

Internal and external coolant supply

Short design



						Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁	CP  		BBD	
C6	12	1	9	6	C6-391.19Y-12 080	63.0	12.0	80.0	50.5	58.0	80.0	24.0	32.0	63.0	4°	80	1.00	1	
						2.480	.472	3.150	1.988	2.283	3.150	.945	1.260	2.480	1160				
	16	1	9	6	C6-391.19Y-16 085	63.0	16.0	85.0	44.1	63.0	85.0	27.0	34.0	63.0	4°	80	1.10	1	
						2.480	.630	3.346	1.736	2.480	3.346	1.063	1.339	2.480	1160				
	20	1	9	6	C6-391.19Y-20 085	63.0	20.0	85.0	56.9	63.0	85.0	33.0	42.0	63.0	4°	80	1.20	1	
						2.480	.787	3.346	2.240	2.480	3.346	1.299	1.654	2.480	1160				
	25	1	9	6	C6-391.19Y-25 090	63.0	25.0	95.0	56.9	70.0	90.0	44.0	53.0	63.0	4°	80	1.50	1	
						2.480	.984	3.740	2.240	2.756	3.543	1.732	2.087	2.480	1160				
C8	12	1	9	6	C8-391.19Y-12 090	80.0	12.0	90.0	50.2	60.0	90.0	24.0	32.0	80.0	4°	80	2.00	1	
						3.150	.472	3.543	1.976	2.362	3.543	.945	1.260	3.150	1160				
	16	1	9	6	C8-391.19Y-16 095	80.0	16.0	95.0	43.8	65.0	95.0	27.0	34.0	80.0	4°	80	2.00	1	
						3.150	.630	3.740	1.724	2.559	3.740	1.063	1.339	3.150	1160				
	20	1	9	6	C8-391.19Y-20 095	80.0	20.0	95.0	56.5	65.0	95.0	33.0	42.0	80.0	4°	80	2.10	1	
						3.150	.787	3.740	2.224	2.559	3.740	1.299	1.654	3.150	1160				
	25	1	9	6	C8-391.19Y-25 100	80.0	25.0	100.0	56.5	70.0	100.0	44.0	53.0	80.0	4°	80	2.50	1	
						3.150	.984	3.937	2.224	2.756	3.937	1.732	2.087	3.150	1160				



Q1



Q35

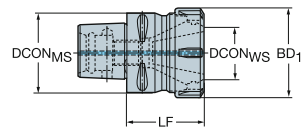
Coromant Capto® to ER collet chuck

Workpiece side interface DIN 6499-B

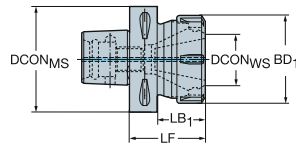


DSGN

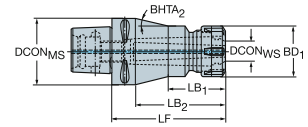
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2



7



					Dimensions, mm, inch														
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₂	CP BarPSI	Kg	BBD	RPMX
C3	ER16	1	1	2	C3-391.14-16 045	32.0 1.260	17.0 .669	45.0 1.772	29.0 1.142	45.0 1.772		28.0 1.102	32.0 1.260		0°	80 1160	0.20	1	55000
	ER20	1	1	1	C3-391.14-20 045	32.0 1.260	21.0 .827	45.0 1.772	45.0 1.772			33.7 1.327				80 1160	0.30	1	55000
C4	ER16	1	1	7	C4-391.14-16 070	40.0 1.575	17.0 .669	70.0 2.756	44.0 1.732	50.0 1.969	70.0 2.756	28.0 1.102	28.0 1.102	40.0 1.575	45°	80 1160	0.42	1	39000
	ER20	1	1	2	C4-391.14-20 052	40.0 1.575	21.0 .827	52.0 2.047	30.8 1.213	52.0 2.047		33.7 1.327	40.0 1.575		0°	80 1160	0.30	1	39000
	ER25	1	1	1	C4-391.14-25 052	40.0 1.575	26.0 1.024	52.0 2.047	52.0 2.047			42.0 1.654				80 1160	0.40	1	39000
	ER32	1	1	1	C4-391.14-32 054	40.0 1.575	33.0 1.299	54.0 2.126	54.0 2.126			50.0 1.969				80 1160	0.50	1	39000
C5	ER16	1	1	7	C5-391.14-16 100	50.0 1.969	17.0 .669	100.0 3.937	60.0 2.362	80.0 3.150	100.0 3.937	28.0 1.102	28.0 1.102	50.0 1.969	29°	80 1160	0.90	1	28000
	ER20	1	1	2	C5-391.14-20 055	50.0 1.969	21.0 .827	55.0 2.165	31.1 1.224	55.0 2.165		33.7 1.327	50.0 1.969		0°	80 1160	0.50	1	28000
	ER20	1	1	7	C5-391.14-20 100	50.0 1.969	21.0 .827	100.0 3.937	55.0 2.165	80.0 3.150	100.0 3.937	35.0 1.378	35.0 1.378	50.0 1.969	16°	80 1160	1.00	1	28000
	ER20	1	1	7	C5-391.14-20 130	50.0 1.969	21.0 .827	130.0 5.118	55.0 2.165	109.9 4.327	130.0 5.118	35.0 1.378	35.0 1.378	50.0 1.969	7°	80 1160	1.34	1	28000
	ER25	1	1	2	C5-391.14-25 055	50.0 1.969	26.0 1.024	55.0 2.165	33.0 1.299	55.0 2.165		42.0 1.654	50.0 1.969		0°	80 1160	0.50	1	28000
	ER25	1	1	7	C5-391.14-25 100	50.0 1.969	26.0 1.024	100.0 3.937	65.0 2.559	80.0 3.150	100.0 3.937	42.0 1.654	42.0 1.654	50.0 1.969	14°	80 1160	1.10	1	28000
	ER32	1	1	1	C5-391.14-32 057	50.0 1.969	33.0 1.299	57.0 2.244	57.0 2.244			50.0 1.969				80 1160	0.60	1	28000
	ER32	1	1	1	C5-391.14-32 100	50.0 1.969	33.0 1.299	100.0 3.937	100.0 3.937			50.0 1.969				80 1160	1.34	1	28000
	ER40	1	1	1	C5-391.14-40 060	50.0 1.969	41.0 1.614	60.0 2.362	60.0 2.362			63.0 2.480				80 1160	0.80	1	28000
C6	ER16	1	1	7	C6-391.14-16 100	63.0 2.480	17.0 .669	100.0 3.937	60.0 2.362	78.0 3.071	100.0 3.937	28.0 1.102	28.0 1.102	63.0 2.480	44°	80 1160	1.25	0	20000
	ER20	1	1	7	C6-391.14-20 060	63.0 2.480	21.0 .827	60.0 2.362	31.1 1.224	38.0 1.496	60.0 2.362	33.7 1.327	33.7 1.327	63.0 2.480	65°	80 1160	0.80	0	20000
	ER25	1	1	2	C6-391.14-25 060	63.0 2.480	26.0 1.024	60.0 2.362	32.9 1.295	60.0 2.362		42.0 1.654	63.0 2.480		0°	80 1160	0.90	0	20000
	ER25	1	1	2	C6-391.14-25 100	63.0 2.480	26.0 1.024	100.0 3.937	75.0 2.953	100.0 3.937		42.0 1.654	63.0 2.480		0°	80 1160	1.34	0	20000
	ER25	1	1	7	C6-391.14-25 130	63.0 2.480	26.0 1.024	130.0 5.118	65.0 2.559	108.0 4.252	130.0 5.118	42.0 1.654	42.0 1.654	63.0 2.480	13°	80 1160	1.90	0	20000
	ER25	1	1	7	C6-391.14-25 160	63.0 2.480	26.0 1.024	160.0 6.299	65.0 2.559	138.0 5.433	160.0 6.299	42.0 1.654	42.0 1.654	63.0 2.480	8°	80 1160	2.40	0	20000
	ER32	1	1	2	C6-391.14-32 060	63.0 2.480	33.0 1.299	60.0 2.362	35.3 1.390	60.0 2.362		50.0 1.969	63.0 2.480		0°	80 1160	0.90	0	20000
	ER32	1	1	2	C6-391.14-32 100	63.0 2.480	33.0 1.299	100.0 3.937	75.0 2.953	100.0 3.937		50.0 1.969	63.0 2.480		0°	80 1160	1.50	0	20000
	ER32	1	1	7	C6-391.14-32 130	63.0 2.480	33.0 1.299	130.0 5.118	75.0 2.953	108.0 4.252	130.0 5.118	50.0 1.969	50.0 1.969	63.0 2.480	11°	80 1160	2.40	0	20000



P20



P44



Q1



Q35

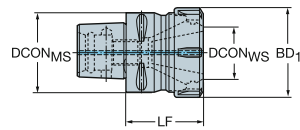
Coromant Capto® to ER collet chuck

Workpiece side interface DIN 6499-B

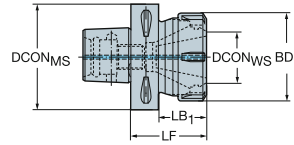


DSGN

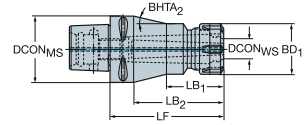
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2



7



						Dimensions, mm, inch																			
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₂			BBD	RPMX						
C6	ER40	1	1	1	C6-391.14-40 065	63.0	41.0	65.0	65.0			63.0					80	1.10	0	20000					
	ER40	1	1	1	C6-391.14-40 130	63.0	41.0	130.0	130.0			63.0					80	2.77	0	20000					
						2.480	1.614	5.118	5.118			2.480					1160								
C8	ER20	1	1	2	C8-391.14-20 065	80.0	21.0	65.0	29.9	65.0		35.0	80.0		0°		80	1.30	0	14000					
	ER25	1	1	2	C8-391.14-25 070	80.0	26.0	70.0	32.4	70.0		42.0	80.0		0°		80	1.70	0	14000					
						3.150	1.024	2.756	1.276	2.756		1.654	3.150				1160								
	ER32	1	1	2	C8-391.14-32 070	80.0	33.0	70.0	35.0	70.0		50.0	80.0		0°		80	1.70	0	14000					
						3.150	1.299	2.756	1.378	2.756		1.969	3.150				1160								
	ER32	1	1	7	C8-391.14-32 160	80.0	33.0	160.0	75.0	130.0	160.0	50.0	50.0	80.0	15°		80	4.10	0	14000					
						3.150	1.299	6.299	2.953	5.118	6.299	1.969	1.969	3.150			1160								
	ER40	1	1	2	C8-391.14-40 070	80.0	41.0	70.0	38.0	70.0		63.0	80.0		0°		80	2.00	0	14000					
						3.150	1.614	2.756	1.496	2.756		2.480	3.150				1160								
	ER40	1	1	7	C8-391.14-40 160	80.0	41.0	160.0	95.0	130.0	160.0	63.0	63.0	80.0	13°		80	4.60	0	14000					
						3.150	1.614	6.299	3.740	5.118	6.299	2.480	2.480	3.150			1160								
	ER50	1	1	2	C8-391.14-50 080	80.0	52.0	80.0	50.0	80.0		78.0	80.0		0°		80	2.30	0	14000					
						3.150	2.047	3.150	1.969	3.150		3.071	3.150				1160								
C10	ER32	1	1	7	C10-391.14-32 160	100.0	33.0	160.0	75.0	124.0	160.0	50.0	50.0	100.0	27°		80	5.69	0	10000					
						3.937	1.299	6.299	2.953	4.882	6.299	1.969	1.969	3.937			1160								
	ER40	1	1	7	C10-391.14-40 160	100.0	41.0	160.0	95.0	124.0	160.0	63.0	63.0	100.0	32°		80	5.90	0	10000					
						3.937	1.614	6.299	3.740	4.882	6.299	2.480	2.480	3.937			1160								
	ER50	1	1	7	C10-391.14-50 160	100.0	52.0	160.0	100.0	124.0	160.0	80.0	80.0	100.0	22°		80	6.57	0	10000					
						3.937	2.047	6.299	3.937	4.882	6.299	3.150	3.150	3.937			1160								



P20



P44



Q1

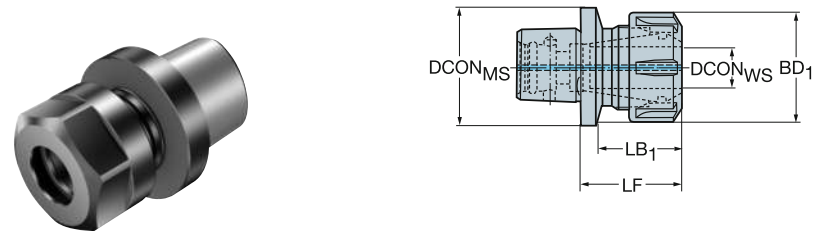


Q35

Coromant Capto® to ER collet chuck

Short design, for segment clamping only

Workpiece side interface DIN 6499-B



				Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	 CP BarPSI	 Kg	BBD	RPMX
C3	ER20	1	1	C3-391.14-20 036	32.0	21.0	36.0	36.0		33.7		80	0.30	1	55000
					1.260	.827	1.417	1.417		1.327		1160			
C4	ER20	1	1	C4-391.14-20 035	40.0	21.0	35.0	27.0	35.0	33.7	40.0	80	0.20	1	39000
					1.575	.827	1.378	1.063	1.378	1.327	1.575	1160			
	ER25	1	1	C4-391.14-25 038	40.0	26.0	38.0	38.0		42.0		80	0.30	1	39000
					1.575	1.024	1.496	1.496		1.654		1160			
C5	ER32	1	1	C5-391.14-32 045	50.0	33.0	45.0	45.0		50.0		80	0.50	1	28000
					1.969	1.299	1.772	1.772		1.969		1160			



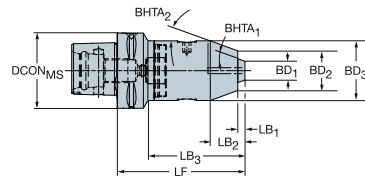
Coromant Capto® to drill chuck

Internal and external coolant supply

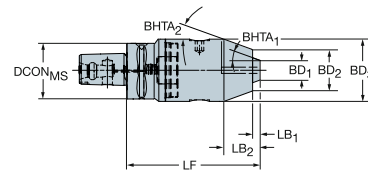


DSGN

16



8



						Dimensions, mm, inch																					
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₁	BHTA ₂			BBD	RPMX						
C3	8 - 1	1	1	8	C3-391.32-08 076	32.0	76.0	3.0	19.1	76.0		9.9	24.1	36.0		19°	20°	50	0.54	1	8000						
	13 - 1	1	1	8	C3-391.32-13 102	32.0	96.0	6.0	22.2	102.0		15.7	38.1	50.0		19°	20°	50	1.26	1	8000						
						1.260	3.780	.236	.874	4.016		.618	1.500	1.969				725									
C4	8 - 1	1	1	16	C4-391.32-08 077	40.0	77.0	3.0	19.1	55.8	77.0	9.9	24.1	36.0	40.0	19°	20°	50	0.64	1	8000						
	13 - 1	1	1	8	C4-391.32-13 104	40.0	98.0	6.0	22.2	104.0		15.7	38.1	50.0		19°	20°	50	1.36	1	8000						
						1.575	3.032	.118	.752	2.197	3.032	.390	.949	1.417	1.575			725									
C5	8 - 1	1	1	16	C5-391.32-08 079	50.0	76.0	3.0	19.1	53.6	79.0	9.9	24.1	36.0	50.0	19°	20°	50	0.85	1	8000						
	13 - 1	1	1	8	C5-391.32-13 103	50.0	97.0	6.0	22.2	103.0		15.7	38.1	50.0		19°	20°	50	1.53	1	8000						
						1.969	3.819	.236	.874	4.055		.618	1.500	1.969				725									
C6	13 - 1	1	1	16	C6-391.32-13 107	63.0	101.0	6.0	22.2	79.8	107.0	15.7	38.1	50.0	63.0	19°	20°	50	1.80	1	8000						
	16 - 1	1	1	16	C6-391.32-16 112	63.0	106.0	6.0	22.2	88.4	112.0	15.7	45.1	57.0	63.0	19°	20°	50	2.10	1	8000						
						2.480	3.976	.236	.874	3.142	4.213	.618	1.500	1.969	2.480			725									
C8	13 - 1	1	1	16	C8-391.32-13 112	80.0	106.0	6.0	22.2	77.1	112.0	15.7	38.1	50.0	80.0	19°	20°	50	2.80	1	8000						
	16 - 1	1	1	16	C8-391.32-16 117	80.0	111.0	6.0	31.2	84.2	117.0	15.7	38.1	57.0	80.0	19°	20°	50	3.10	1	8000						
						3.150	4.173	.236	.874	3.035	4.409	.618	1.500	1.969	3.150			725									
						3.150	4.370	.236	1.230	3.315	4.606	.618	1.500	2.244	3.150			725									



Q1

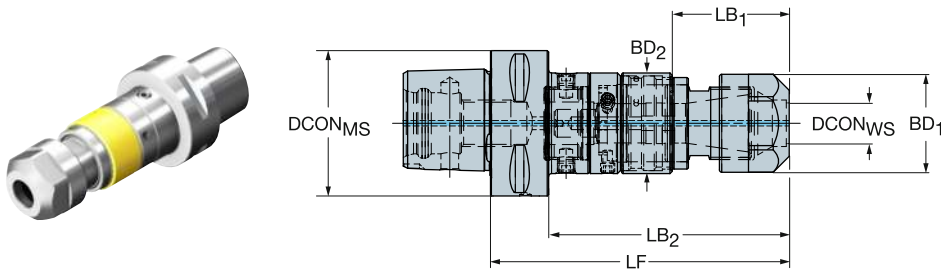


Q35

Coromant Capto® to CoroChuck™ 970

For synchronized tapping operations

Workpiece side interface DIN 6499-B



						Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	TRMAX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	 CP BarPSI	 Kg	RPMX	
C3	ER11	M5	1	1	970-C3-11-078	32.0	11.3	78.0	24.1	63.0	78.0	19.9	23.5	32.0	80	0.26	8000	
						1.260	.445	3.071	.949	2.480	3.071	.783	.925	1.260	1160			
						32.0	20.8	102.2	40.3	102.2		33.7	34.6		80	0.60	8000	
	ER20	M12	1	1	970-C3-20-102	32.0	20.8	102.2	40.3	102.2		33.7	34.6		80	0.60	8000	
						1.260	.819	4.024	1.587	4.024		1.327	1.362		1160			
						32.0	20.8	102.2	40.3	102.2		33.7	34.6		80	0.60	8000	
C4	ER11	M5	1	1	970-C4-11-080	40.0	11.3	80.0	24.1	60.0	80.0	19.9	23.5	40.0	80	0.40	8000	
						1.575	.445	3.150	.949	2.362	3.150	.783	.925	1.575	1160			
						40.0	20.8	102.2	40.3	82.0	102.2	33.7	34.6	40.0	80	0.67	8000	
	ER20	M12	1	1	970-C4-20-102	40.0	20.8	102.2	40.3	82.0	102.2	33.7	34.6	40.0	80	0.67	8000	
						1.575	.819	4.024	1.587	3.228	4.024	1.327	1.362	1.575	1160			
						40.0	25.8	121.6	42.1	121.6		42.0	44.0		80	1.06	8000	
	ER25	M20	1	1	970-C4-25-122	40.0	25.8	121.6	42.1	121.6		42.0	44.0		80	1.06	8000	
						1.575	1.016	4.787	1.657	4.787		1.654	1.732		1160			
						40.0	25.8	121.6	42.1	121.6		42.0	44.0		80	1.06	8000	
C5	ER20	M12	1	1	970-C5-20-103	50.0	20.8	102.7	40.3	82.7	102.7	33.7	34.6	50.0	80	0.85	8000	
						1.969	.819	4.043	1.587	3.256	4.043	1.327	1.362	1.969	1160			
						50.0	25.8	122.1	42.1	102.1	122.1	42.0	44.0	50.0	80	1.24	8000	
	ER25	M20	1	1	970-C5-25-122	50.0	25.8	122.1	42.1	102.1	122.1	42.0	44.0	50.0	80	1.24	8000	
						1.969	1.016	4.807	1.657	4.020	4.807	1.654	1.732	1.969	1160			
						50.0	40.8	154.0	154.0			62.7			80	2.73	8000	
	ER40	M30	1	1	970-C5-40-154	50.0	40.8	154.0	154.0			62.7			80	2.73	8000	
						1.969	1.606	6.063	6.063			2.469			1160			
						50.0	40.8	154.0	154.0			62.7			80	2.73	8000	
C6	ER20	M12	1	1	970-C6-20-105	63.0	20.8	104.7	40.3	82.7	104.7	33.7	34.6	63.0	80	1.20	8000	
						2.480	.819	4.122	1.587	3.256	4.122	1.327	1.362	2.480	1160			
						63.0	25.8	124.1	42.1	102.1	124.1	42.0	44.0	63.0	80	1.60	8000	
	ER25	M20	1	1	970-C6-25-124	63.0	25.8	124.1	42.1	102.1	124.1	42.0	44.0	63.0	80	1.60	8000	
						2.480	1.016	4.886	1.657	4.020	4.886	1.654	1.732	2.480	1160			
						63.0	40.8	153.5	131.5	153.5		62.7	63.0		80	2.85	8000	
	ER40	M30	1	1	970-C6-40-154	63.0	40.8	153.5	131.5	153.5		62.7	63.0		80	2.85	8000	
						2.480	1.606	6.043	5.177	6.043		2.469	2.480		1160			
						63.0	40.8	153.5	131.5	153.5		62.7	63.0		80	2.85	8000	
C8	ER20	M12	1	1	970-C8-20-112	80.0	20.8	111.7	40.3	81.7	111.7	33.7	34.6	80.0	80	2.16	8000	
						3.150	.819	4.398	1.587	3.217	4.398	1.327	1.362	3.150	1160			
						80.0	25.8	131.1	42.1	101.1	131.1	42.0	44.0	80.0	80	2.55	8000	
	ER25	M20	1	1	970-C8-25-131	80.0	25.8	131.1	42.1	101.1	131.1	42.0	44.0	80.0	80	2.55	8000	
						3.150	1.016	5.161	1.657	3.980	5.161	1.654	1.732	3.150	1160			
						80.0	40.8	160.5	130.5	160.5		62.7	80.0		80	3.83	8000	
	ER40	M30	1	1	970-C8-40-161	80.0	40.8	160.5	130.5	160.5		62.7	80.0		80	3.83	8000	
						3.150	1.606	6.319	5.138	6.319		2.469	3.150		1160			
						80.0	40.8	160.5	130.5	160.5		62.7	80.0		80	3.83	8000	
C10	ER25	M20	1	1	970-C10-25-143	100.0	25.8	143.1	42.1	107.1	143.1	42.0	44.0	100.0	80	4.16	8000	
						3.937	1.016	5.634	1.657	4.217	5.634	1.654	1.732	3.937	1160			
						100.0	40.8	172.5	136.5	172.5		62.7	100.0		80	5.45	8000	
	ER40	M30	1	1	970-C10-40-173	100.0	40.8	172.5	136.5	172.5		62.7	100.0		80	5.45	8000	
						3.937	1.606	6.791	5.374	6.791		2.469	3.937		1160			
						100.0	40.8	172.5	136.5	172.5		62.7	100.0		80	5.45	8000	



P28



P31



Q1

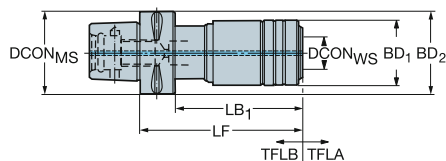


Q35



Q33

Coromant Capto® to quick change tapping chuck



						Dimensions, mm, inch																	
CZC _{MS}	CZC _{WS}	TRMAX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	TFLA	TFLB		RPMX					
C3	1	M12	0	0	C3-391.60-01 080A	32.0	19.0	80.0	40.5	80.0		36.0	50.0		7	7		0.40 8000					
						1.260	.748	3.150	1.594	3.150		1.417	1.969		.295	.295							
C4	1	M12	0	0	C4-391.60-01 080A	40.0	19.0	80.0	40.5	80.0		36.0	50.0		7	7		0.71 8000					
						1.575	.748	3.150	1.594	3.150		1.417	1.969		.295	.295							
	1	M12	1	1	C4-391.61-01 096	40.0	19.0	96.0	75.0	96.0		39.0	40.0		7	7	80	1.08 8000					
						1.575	.748	3.780	2.953	3.780		1.535	1.575		.295	.295	1160						
	2	M20	0	0	C4-391.60-02 110A	40.0	31.0	110.0	64.5	110.0		53.0	63.0		12	12		1.30 8000					
						1.575	1.220	4.331	2.539	4.331		2.087	2.480		.492	.492							
C5	1	M12	0	0	C5-391.60-01 080A	50.0	19.0	80.0	40.5	80.0		36.0	50.0		7	7		1.00 8000					
						1.969	.748	3.150	1.594	3.150		1.417	1.969		.295	.295							
	1	M12	1	1	C5-391.61-01 097	50.0	19.0	97.0	76.0	97.0		39.0	50.0		7	7	80	1.10 8000					
						1.969	.748	3.819	2.992	3.819		1.535	1.969		.295	.295	1160						
	2	M20	0	0	C5-391.60-02 115A	50.0	31.0	115.0	64.5	115.0		53.0	63.0		12	12		1.70 8000					
						1.969	1.220	4.528	2.539	4.528		2.087	2.480		.492	.492							
	2	M20	1	1	C5-391.61-02 129	50.0	31.0	129.0	129.0			60.0			10	10	80	2.10 8000					
						1.969	1.220	5.079	5.079			2.362			.394	.394	1160						
C6	1	M12	0	0	C6-391.60-01 090A	63.0	19.0	90.0	40.5	90.0	66.5	36.0	50.0	50.0	7	7		1.33 8000					
						2.480	.748	3.543	1.594	3.543	2.618	1.417	1.969	1.969	.295	.295							
	2	M20	0	0	C6-391.60-02 120A	63.0	31.0	120.0	64.5	120.0		53.0	63.0		12	12		2.40 8000					
						2.480	1.220	4.724	2.539	4.724		2.087	2.480		.492	.492							
	2	M20	1	1	C6-391.61-02 131	63.0	31.0	131.0	108.0	131.0		60.0	63.0		10	10	80	2.40 8000					
						2.480	1.220	5.157	4.252	5.157		2.362	2.480		.394	.394	1160						
	3	M33	0	0	C6-391.60-03 170A	63.0	48.0	170.0				78.0			20	20		3.36 8000					
						2.480	1.890	6.693				3.071			.787	.787							
	3	M33	1	1	C6-391.61-03 196	63.0	48.0	196.0	196.0			86.0			17	17	80	4.50 8000					
						2.480	1.890	7.717	7.717			3.386			.689	.689	1160						
C8	1	M12	0	0	C8-391.60-01 085A	80.0	19.0	85.0	40.5	85.0	56.0	36.0	80.0	50.0	7	7		2.43 8000					
						3.150	.748	3.346	1.594	3.346	2.205	1.417	3.150	1.969	.295	.295							
	2	M20	0	0	C8-391.60-02 110A	80.0	31.0	110.0	64.5	110.0	80.0	53.0	63.0	63.0	12	12		3.30 8000					
						3.150	1.220	4.331	2.539	4.331	3.150	2.087	2.480	2.480	.492	.492							
	3	M33	0	0	C8-391.60-03 160A	80.0	48.0	160.0	129.0	160.0		78.0	80.0		20	20		3.70 8000					
						3.150	1.890	6.299	5.079	6.299		3.071	3.150		.787	.787							



P36

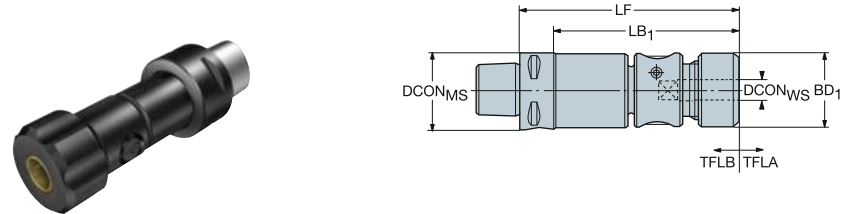


Q1



Q35

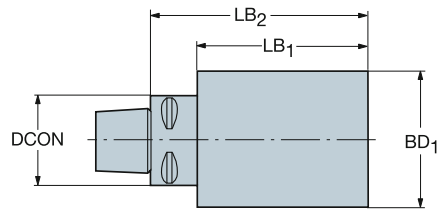
Coromant Capto® to floating rubber collet chuck



					Dimensions, mm, inch														RPMX
CZC _{MS}	CZC _{WS}	TRMAX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	TFLA	TFLB					
C3	J42x	M12	1	0	C3-391.60B-01 095A	32.0	23.0	95.0	80.0	95.0	31.0	32.0	10	2	80	0.60	8000		
						1.260	.906	3.740	3.150	3.740	1.220	1.260	.394	.079	1160				
C4	J44x	M16	1	0	C4-391.60B-02 101A	40.0	28.0	101.0	101.0		40.0		10	2	80	0.70	8000		
						1.575	1.102	3.976	3.976		1.575		.394	.079	1160				
C5	J46x	M32	1	0	C5-391.60B-03 158A	50.0	44.0	158.0	158.0		56.4		10	2	80	2.34	8000		
						1.969	1.732	6.220	6.220		2.220		.394	.079	1160				



Steel blank with Coromant Capto® coupling



CZC _{MS}	Ordering code	Dimensions, mm, inch			
		DCON	BD ₁	LB ₁	
C3	C3-391.50-32 090-B	32	32.0	90	0.6
		1.260	1.260	3.543	
	C3-391.50-60 090-B	32	60.0	75	1.6
		1.260	2.362	2.953	
C4	C4-391.50-40 120-B	40	40.0	120	1.3
		1.575	1.575	4.724	
	C4-391.50-80 120-B	40	80.0	100	3.2
		1.575	3.150	3.937	
C5	C5-391.50-50 150-B	50	50.0	150	2.3
		1.969	1.969	5.906	
	C5-391.50-95 150-B	50	95.0	130	6.1
		1.969	3.740	5.118	
C6	C6-391.50-120 180-B	63	120.0	158	6.2
		2.480	4.724	6.220	
	C6-391.50-63 180-B	63	63.0	180	3.3
		2.480	2.480	7.087	
C8	C8-391.50-145 200-B	80	145.0	169	1.0
		3.150	5.709	6.654	
	C8-391.50-80 200-B	80	80.0	200	6.5
		3.150	3.150	7.874	
C10	C10-391.50-100200-B	100	100.0	200	5.5
		3.937	3.937	7.874	
	C10-391.50-145200-B	100	145.0	162	136.1
		3.937	5.709	6.409	

HSK to Coromant Capto® adapter

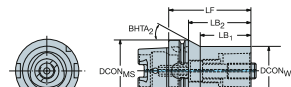
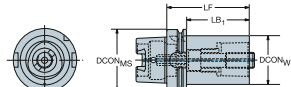
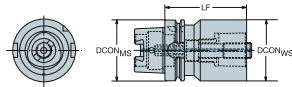
Machine side interface HSK A/C

DSGN

1

2

7



						Dimensions, mm, inch																			
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₂	BarPSI	Kg	BBD							
50	C3	1	1	2	C3-390.410-50 075A	50.0	32.0	75.0	49.0	75.0		32.0	50.0		0°	100	0.64	1							
						1.969	1.260	2.953	1.929	2.953		1.260	1.969			1450									
	C4	1	1	2	C4-390.410-50 080A	50.0	40.0	80.0	54.0	80.0		40.0	50.0		0°	100	0.85	1							
						1.969	1.575	3.150	2.126	3.150		1.575	1.969			1450									
63	C3	1	1	2	C3-390.410-63 075C	63.0	32.0	75.0	49.0	75.0		32.0	63.0		0°	100	1.30	1							
						2.480	1.260	2.953	1.929	2.953		1.260	2.480			1450									
	C4	1	1	2	C4-390.410-63 080C	63.0	40.0	80.0	54.0	80.0		40.0	63.0		0°	100	1.66	1							
						2.480	1.575	3.150	2.126	3.150		1.575	2.480			1450									
	C5	1	1	2	C5-390.410-63 090C	63.0	50.0	90.0	64.0	90.0		50.0	63.0		0°	100	1.50	1							
						2.480	1.969	3.543	2.520	3.543		1.969	2.480			1450									
80	C4	1	1	2	C4-390.410-80 090	80.0	40.0	90.0	64.0	90.0		40.0	80.0		0°	100	1.63	0							
						3.150	1.575	3.543	2.520	3.543		1.575	3.150			1450									
	C5	1	1	2	C5-390.410-80 095	80.0	50.0	95.0	69.0	95.0		50.0	80.0		0°	100	1.96	0							
						3.150	1.969	3.740	2.717	3.740		1.969	3.150			1450									
	C6	1	1	2	C6-390.410-80 110	80.0	63.0	110.0	84.0	110.0		63.0	80.0		0°	100	2.74	0							
						3.150	2.480	4.331	3.307	4.331		2.480	3.150			1450									
100	C3	1	1	7	C3-390.410-100 080A	100.0	32.0	80.0	43.0	51.0	80.0	32.0	32.0	100.0	45°	100	3.80	0							
						3.937	1.260	3.150	1.693	2.008	3.150	1.260	1.260	3.937		1450									
	C4	1	1	2	C4-390.410-100 090A	100.0	40.0	90.0	61.0	90.0		40.0	100.0		0°	100	4.10	0							
						3.937	1.575	3.543	2.402	3.543		1.575	3.937			1450									
	C5	1	1	2	C5-390.410-100 100A	100.0	50.0	100.0	71.0	100.0		50.0	100.0		0°	100	3.24	0							
						3.937	1.969	3.937	2.795	3.937		1.969	3.937			1450									
	C6	1	1	2	C6-390.410-100 110A	100.0	63.0	110.0	81.0	110.0		63.0	100.0		0°	100	3.40	0							
						3.937	2.480	4.331	3.189	4.331		2.480	3.937			1450									
	C8	1	1	2	C8-390.410-100 120A	100.0	80.0	120.0	91.0	120.0		80.0	100.0		0°	100	4.70	0							
						3.937	3.150	4.724	3.583	4.724		3.150	3.937			1450									
	C10	1	1	1	C10-390.410-100 155	100.0	100.0	155.0	155.0			100.0				100	7.56	0							
						3.937	3.937	6.102	6.102			3.937				1450									
125	C4	1	1	7	C4-390.410-125 095	125.0	40.0	95.0	46.0	66.0	95.0	40.0	40.0	125.0	45°	100	4.00	0							
						4.921	1.575	3.740	1.811	2.598	3.740	1.575	1.575	4.921		1450									
	C5	1	1	7	C5-390.410-125 105	125.0	50.0	105.0	66.0	76.0	105.0	50.0	50.0	125.0	45°	100	4.33	0							
						4.921	1.969	4.134	2.598	2.992	4.134	1.969	1.969	4.921		1450									
	C6	1	1	2	C6-390.410-125 120	125.0	63.0	120.0	91.0	120.0		63.0	125.0		0°	100	6.50	0							
						4.921	2.480	4.724	3.583	4.724		2.480	4.921			1450									
	C8	1	1	2	C8-390.410-125 130	125.0	80.0	130.0	101.0	130.0		80.0	125.0		0°	100	6.50	0							
						4.921	3.150	5.118	3.976	5.118		3.150	4.921			1450									
	C10	1	1	2	C10-390.410-125 160	125.0	100.0	160.0	131.0	160.0		100.0	125.0		0°	100	5.50	0							
						4.921	3.937	6.299	5.157	6.299		3.937	4.921			1450									
160	C6	1	1	2	C6-390.410-160 125	160.0	63.0	125.0	94.0	125.0		63.0	160.0		0°	100	8.20	0							
						6.299	2.480	4.921	3.701	4.921		2.480	6.299			1450									
	C8	1	1	2	C8-390.410-160 135	160.0	80.0	135.0	104.0	135.0		80.0	160.0		0°	100	9.60	0							
						6.299	3.150	5.315	4.094	5.315		3.150	6.299			1450									
	C10	1	1	2	C10-390.410-160 160	160.0	100.0	160.0	129.0	160.0		100.0	160.0		0°	100	12.42	0							
						6.299	3.937	6.299	5.079	6.299		3.937	6.299			1450									

A special coolant tube is delivered together with the HSK basic holders.



Q1



Q35

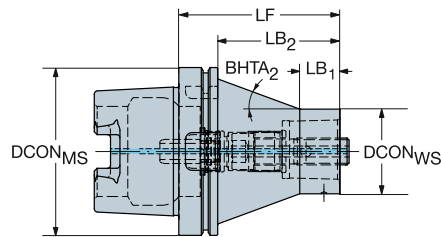
HSK to Coromant Capto® adapter

Heavy-duty design

Machine side interface HSK A/C

DSGN

7



					Dimensions, mm, inch														 	
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₂	Bar/PSI	Kg			
100	C3	1	1	7	C3-390.410-100080HD	100.0	32.0	80.0	20.0	51.0	80.0	32.0	32.0	100.0	41°	100	2.83			
						3.937	1.260	3.150	.787	2.008	3.150	1.260	1.260	3.937		1450				
	C4	1	1	7	C4-390.410-100090HD	100.0	40.0	90.0	20.0	61.0	90.0	40.0	40.0	100.0	29°	100	3.18			
						3.937	1.575	3.543	.787	2.402	3.543	1.575	1.575	3.937		1450				
	C5	1	1	7	C5-390.410-100100HD	100.0	50.0	100.0	30.0	71.0	100.0	50.0	50.0	100.0	23°	100	3.47			
						3.937	1.969	3.937	1.181	2.795	3.937	1.969	1.969	3.937		1450				
	C6	1	1	7	C6-390.410-100110HD	100.0	63.0	110.0	30.0	81.0	110.0	63.0	63.0	100.0	12°	100	4.11			
						3.937	2.480	4.331	1.181	3.189	4.331	2.480	2.480	3.937		1450				
125	C4	1	1	7	C4-390.410-125095HD	125.0	40.0	95.0	20.0	66.0	95.0	40.0	40.0	125.0	36°	100	5.12			
						4.921	1.575	3.740	.787	2.598	3.740	1.575	1.575	4.921		1450				
	C5	1	1	7	C5-390.410-125105HD	125.0	50.0	105.0	20.0	76.0	105.0	50.0	50.0	125.0	27°	100	5.70			
						4.921	1.969	4.134	.787	2.992	4.134	1.969	1.969	4.921		1450				
	C6	1	1	7	C6-390.410-125120HD	125.0	63.0	120.0	30.0	91.0	120.0	63.0	63.0	125.0	20°	100	6.48			
						4.921	2.480	4.724	1.181	3.583	4.724	2.480	2.480	4.921		1450				
	C8	1	1	7	C8-390.410-125130HD	125.0	80.0	130.0	30.0	101.0	130.0	80.0	80.0	125.0	11°	100	7.58			
						4.921	3.150	5.118	1.181	3.976	5.118	3.150	3.150	4.921		1450				

A special coolant tube is delivered together with the HSK basic holders.



Q1

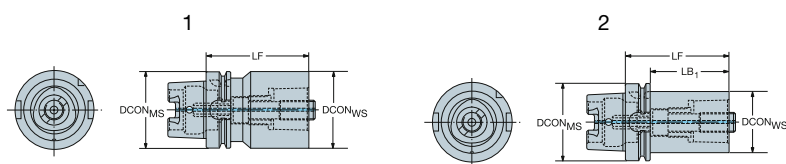


Q35

HSK to Coromant Capto® adapter

Machine side interface HSK A/C/T

DSGN

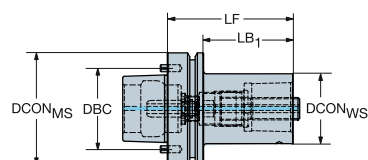


					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	kg
40	C3	1	1	2	C3-390.419-40 065	40.0	32.0	65.0	45.0	65.0	32.0	40.0	100	0.43
						1.575	1.260	2.559	1.772	2.559	1.260	1.575	1450	
	C4	1	1	1	C4-390.419-40 075	40.0	40.0	75.0	75.0		40.0		100	0.59
						1.575	1.575	2.953	2.953		1.575		1450	
63	C5	1	1	2	C5-390.419-63 090	63.0	50.0	90.0	64.0	90.0	50.0	63.0	100	1.43
						2.480	1.969	3.543	2.520	3.543	1.969	2.480	1450	
	C6	1	1	1	C6-390.419-63 110	63.0	63.0	110.0	110.0		63.0		100	2.12
						2.480	2.480	4.331	4.331		2.480		1450	
100	C6	1	1	2	C6-390.419-100 110	100.0	63.0	110.0	81.0	110.0	63.0	100.0	100	3.60
						3.937	2.480	4.331	3.189	4.331	2.480	3.937	1450	
	C8	1	1	2	C8-390.419-100 120	100.0	80.0	120.0	91.0	120.0	80.0	100.0	100	4.78
						3.937	3.150	4.724	3.583	4.724	3.150	3.937	1450	

Machine side interface HSK F with pins

DSGN

2



					Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DBC	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	 Kg
80	C5	1	1	2	C5-390.612-80 090	80.0	58.0	50.0	90.0	64.0	90.0	50.0	80.0	100	1.66
						3.150	2.283	1.969	3.543	2.520	3.543	1.969	3.150	1450	
	C6	1	1	2	C6-390.612-80 105	80.0	58.0	63.0	105.0	79.0	105.0	63.0	80.0	100	2.30
						3.150	2.283	2.480	4.134	3.110	4.134	2.480	3.150	1450	

A special coolant tube is delivered together with the HSK basic holders.

HSK80F - Compatible with the Makino MAG machine family 1, 3, 4, 7 - for aerospace frame aluminum machining



Q1



Q35

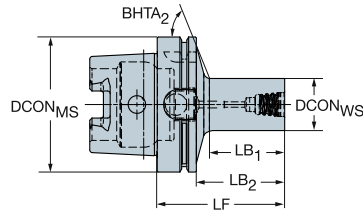
HSK to Coromant EH adapter

Short design

Machine side interface HSK A/C

DSGN

7



Metric version

						Dimensions, mm, inch																			
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₂	Bar/PSI	kg	BBD	RPMX						
40	E10	1	1	7	392.410EH-40 10 040	40.0	9.6	40.0	13.0	20.0	40.0	9.6	9.6	40.0	59°	100	0.21	1	30000						
	E12	1	1	7	392.410EH-40 12 043	40.0	11.6	43.0	16.3	23.0	43.0	11.6	11.6	40.0	58°	100	0.21	1	30000						
	E16	1	1	7	392.410EH-40 16 048	40.0	15.4	48.0	21.9	28.0	48.0	15.4	15.4	40.0	55°	100	0.23	1	30000						
	E20	1	1	7	392.410EH-40 20 045	40.0	19.2	45.0	19.4	25.0	45.0	19.2	19.2	40.0	50°	100	0.23	1	30000						
50	E10	1	1	7	392.410EH-50 10 047	50.0	9.6	47.0	13.0	21.0	47.0	9.6	9.6	50.0	63°	100	0.41	1	25000						
	E12	1	1	7	392.410EH-50 12 050	50.0	11.6	50.0	16.3	24.0	50.0	11.6	11.6	50.0	62°	100	0.41	1	25000						
	E16	1	1	7	392.410EH-50 16 055	50.0	15.4	55.0	21.8	29.0	55.0	15.4	15.4	50.0	60°	100	0.43	1	25000						
	E20	1	1	7	392.410EH-50 20 052	50.0	19.2	52.0	19.3	26.0	52.0	19.2	19.2	50.0	58°	100	0.43	1	25000						
	E25	1	1	7	392.410EH-50 25 057	50.0	24.1	57.0	24.9	31.0	57.0	24.1	24.1	50.0	54°	100	0.46	1	25000						
63	E10	1	1	7	392.410EH-63 10 049	63.0	9.6	49.0	13.5	23.0	49.0	9.6	9.6	63.0	66°	100	0.68	1	20500						
	E12	1	1	7	392.410EH-63 12 051	63.0	11.6	51.0	15.8	25.0	51.0	11.6	11.6	63.0	65°	100	0.68	1	20500						
	E16	1	1	7	392.410EH-63 16 056	63.0	15.4	56.0	21.3	30.0	56.0	15.4	15.4	63.0	65°	100	0.70	1	20500						
	E20	1	1	7	392.410EH-63 20 053	63.0	19.2	53.0	18.8	27.0	53.0	19.2	19.2	63.0	63°	100	0.70	1	20500						
	E25	1	1	7	392.410EH-63 25 059	63.0	24.1	59.0	25.5	33.0	59.0	24.1	24.1	63.0	61°	100	0.74	1	20500						



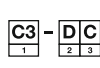
P10



Q1



Q35



Q30

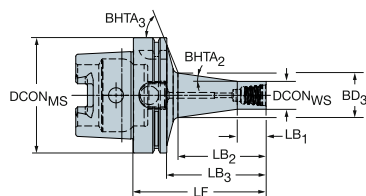
HSK to Coromant EH adapter

Long design

Machine side interface HSK A/C

DSGN

15



Metric version

					Dimensions, mm, inch																
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₂	CP Bar/PSI	Kg	BBD	RPMX
40	E10	1	1	15	392.410EH-40 10 054	40.0	9.6	54.0	10.0	28.5	34.0	54.0	9.6	9.6	14.8	40.0	8°	100	0.22	1	30000
	E12	1	1	15	392.410EH-40 12 059	40.0	11.6	59.0	12.0	33.9	39.0	59.0	11.6	11.6	17.7	40.0	8°	100	0.24	1	30000
	E16	1	1	15	392.410EH-40 16 070	40.0	15.4	70.0	16.0	45.7	50.0	70.0	15.4	15.4	23.7	40.0	8°	100	0.29	1	30000
50	E10	1	1	15	392.410EH-50 10 061	50.0	9.6	61.0	10.0	28.4	35.0	61.0	9.6	9.6	14.8	50.0	8°	100	0.42	1	25000
	E12	1	1	15	392.410EH-50 12 066	50.0	11.6	66.0	12.0	33.8	40.0	66.0	11.6	11.6	17.7	50.0	8°	100	0.44	1	25000
	E16	1	1	15	392.410EH-50 16 077	50.0	15.4	77.0	16.0	45.6	51.0	77.0	15.4	15.4	23.7	50.0	8°	100	0.49	1	25000
	E20	1	1	15	392.410EH-50 20 090	50.0	19.2	90.0	20.0	59.5	64.0	90.0	19.2	19.2	30.3	50.0	8°	100	0.59	1	25000
63	E10	1	1	15	392.410EH-63 10 062	63.0	9.6	62.0	10.0	27.9	36.0	62.0	9.6	9.6	14.6	63.0	8°	100	0.70	1	20500
	E12	1	1	15	392.410EH-63 12 068	63.0	11.6	68.0	12.0	34.3	42.0	68.0	11.6	11.6	17.9	63.0	8°	100	0.71	1	20500
	E16	1	1	15	392.410EH-63 16 078	63.0	15.4	78.0	16.0	45.1	52.0	78.0	15.4	15.4	23.6	63.0	8°	100	0.76	1	20500
	E20	1	1	15	392.410EH-63 20 091	63.0	19.2	91.0	20.0	59.0	65.0	91.0	19.2	19.2	30.1	63.0	8°	100	0.85	1	20500
	E25	1	1	15	392.410EH-63 25 105	63.0	24.1	105.0	25.0	74.0	79.0	105.0	24.1	24.1	37.6	63.0	8°	100	1.03	1	20500
100	E20	1	1	15	392.410EH-100 20 100	100.0	19.2	100.0	20.0	60.3	71.0	100.0	19.2	19.2	30.5	100.0	8°	100	2.34	0	12500
	E25	1	1	15	392.410EH-100 25 115	100.0	24.1	115.0	25.0	76.4	86.0	115.0	24.1	24.1	38.6	100.0	8°	100	2.53	0	12500



P10



Q1



Q35



Q30

HSK to arbor adapter

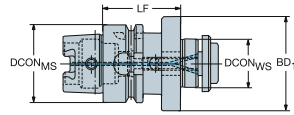
Coolant through arbor

Machine side interface HSK A/C

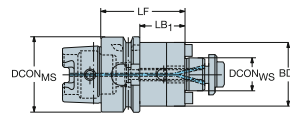


DSGN

1



2



Metric pilot

					Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DBC	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP Bar/PSI	kg	BBD
40	22	1	4	1	392.41005C-4022050	40.0		22.0	50.0	50.0		48.0		80	0.58	1
						1.575		.866	1.969	1.969		1.890		1160		
50	22	1	4	2	392.41005C-5022060	50.0		22.0	60.0	34.0	60.0	48.0	50.0	80	0.88	1
						1.969		.866	2.362	1.339	2.362	1.890	1.969	1160		
63	16	1	4	2	392.41005C6316050	63.0		16.0	50.0	24.0	50.0	32.0	63.0	80	0.82	1
						2.480		.630	1.969	.945	1.969	1.260	2.480	1160		
22	1	4	2		392.41005C6322050	63.0		22.0	50.0	24.0	50.0	50.0	63.0	80	1.10	1
						2.480		.866	1.969	.945	1.969	1.969	2.480	1160		
27	1	4	2		392.41005C6327060	63.0		27.0	60.0	24.0	60.0	60.0	63.0	80	1.41	1
						2.480		1.063	2.362	.945	2.362	2.362	2.480	1160		
32	1	4	1		392.41005C6332060	63.0		32.0	60.0	60.0		78.0		80	1.74	1
						2.480		1.260	2.362	2.362		3.071		1160		
40S	1	4	1		392.41005C6340060M	63.0	66.7	40.0	60.0	60.0		87.0		80	2.04	1
						2.480	2.626	1.575	2.362	2.362		3.425		1160		
100	22	1	4	2	392.41005C10022100	100.0		22.0	100.0	71.0	100.0	50.0	100.0	80	3.10	1
						3.937		.866	3.937	2.795	3.937	1.969	3.937	1160		
27	1	4	2		392.41005C10027100	100.0		27.0	100.0	71.0	100.0	60.0	100.0	80	3.60	1
						3.937		1.063	3.937	2.795	3.937	2.362	3.937	1160		
32	1	4	2		392.41005C10032100	100.0		32.0	100.0	71.0	100.0	78.0	100.0	80	4.76	1
						3.937		1.260	3.937	2.795	3.937	3.071	3.937	1160		
40S	1	4	2		392.41005C10040100M	100.0	66.7	40.0	100.0	71.0	100.0	87.0	100.0	80	5.51	1
						3.937	2.626	1.575	3.937	2.795	3.937	3.425	3.937	1160		
125	32	1	4	2	392.41005C12532100	125.0		32.0	100.0	71.0	100.0	78.0	125.0	80	6.00	1
						4.921		1.260	3.937	2.795	3.937	3.071	4.921	1160		
40S	1	4	2		392.41005C12540100M	125.0	66.7	40.0	100.0	71.0	100.0	87.0	125.0	80	6.80	1
						4.921	2.626	1.575	3.937	2.795	3.937	3.425	4.921	1160		



P10



Q1



Q35

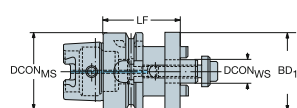
HSK to arbor adapter

Machine side interface HSK A/C

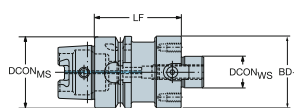


DSGN

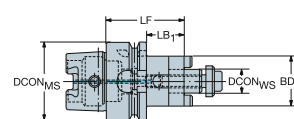
1



1



2



Metric pilot

						Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DBC	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂		BBD
63	16	0	0	2	392.41005-63 16 050	63.0		16.0	50.0	24.0	50.0	32.0	63.0	1.02	1
						2.480		.630	1.969	.945	1.969	1.260	2.480		
	22	0	0	2	392.41005-63 22 050B	63.0		22.0	50.0	24.0	50.0	50.0	63.0	1.23	1
						2.480		.866	1.969	.945	1.969	1.969	2.480		
	27	0	0	2	392.41005-63 27 060B	63.0		27.0	60.0	34.0	60.0	50.0	63.0	1.50	1
						2.480		1.063	2.362	1.339	2.362	1.969	2.480		
	32	0	0	1	392.41005-63 32 060B	63.0		32.0	60.0	60.0		63.0		1.50	1
						2.480		1.260	2.362	2.362		2.480			
	40S	0	0	1	392.41005-63 40 060M	63.0	66.7	40.0	60.0	60.0		87.0		2.04	1
						2.480	2.626	1.575	2.362	2.362		3.425			
100	22	0	0	2	392.41005-100 22 050A	100.0		22.0	50.0	21.0	50.0	50.0	100.0	2.80	1
						3.937		.866	1.969	.827	1.969	1.969	3.937		
	22	0	0	2	392.41005-10022100	100.0		22.0	100.0	71.0	100.0	50.0	100.0	4.40	1
						3.937		.866	3.937	2.795	3.937	1.969	3.937		
27	0	0	0	2	392.41005-100 27 050A	100.0		27.0	50.0	21.0	50.0	50.0	100.0	2.80	1
						3.937		1.063	1.969	.827	1.969	1.969	3.937		
27	0	0	0	2	392.41005-10027100	100.0		27.0	100.0	71.0	100.0	50.0	100.0	4.40	1
						3.937		1.063	3.937	2.795	3.937	1.969	3.937		
32	0	0	0	2	392.41005-100 32 050A	100.0		32.0	50.0	21.0	50.0	63.0	100.0	2.80	1
						3.937		1.260	1.969	.827	1.969	2.480	3.937		
32	0	0	0	2	392.41005-10032100	100.0		32.0	100.0	71.0	100.0	63.0	100.0	6.00	1
						3.937		1.260	3.937	2.795	3.937	2.480	3.937		
40S	0	0	0	2	392.41005-100 40 060M	100.0	66.7	40.0	60.0	31.0	60.0	87.0	100.0	3.71	1
						3.937	2.626	1.575	2.362	1.220	2.362	3.425	3.937		
40S	0	0	0	2	392.41005-100 40 100M	100.0	66.7	40.0	100.0	71.0	100.0	87.0	100.0	5.54	1
						3.937	2.626	1.575	3.937	2.795	3.937	3.425	3.937		
60	0	0	0	1	392.41005-10060075	100.0	101.6	60.0	75.0	75.0		130.0		13.80	1
						3.937	4.000	2.362	2.953	2.953		5.118			
125	60	0	0	1	392.41005-12560085	125.0	101.6	60.0	85.0	85.0		130.0		9.15	1
						4.921	4.000	2.362	3.346	3.346		5.118			



P10



Q1



Q35

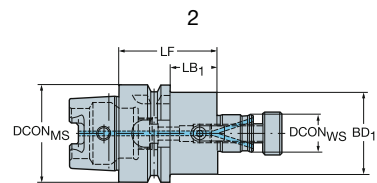
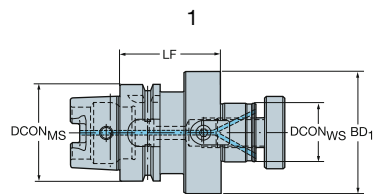
HSK to arbor adapter

Coolant through arbor

Machine side interface HSK A/C



DSGN



Inch pilot

					Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DBC	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	 CP BarPSI	 Kg	BBD
63	3/4	1	4	2	A392.41005C6319050	63.0		19.1	50.0	24.0	50.0	43.0	63.0	80	0.96	1
						2.480		.750	1.969	.945	1.969	1.693	2.480	1160		
1	1	4	2		A392.41005C6325060	63.0		25.4	60.0	34.0	60.0	50.0	63.0	80	1.26	1
						2.480		1.000	2.362	1.339	2.362	1.969	2.480	1160		
1 1/2	1	4	1		A392.41005C6338065M	63.0	66.7	38.1	65.0	65.0		87.0		80	2.19	1
						2.480	2.626	1.500	2.559	2.559		3.425		1160		
100	3/4	1	4	2	A392.41005C10019100	100.0		19.1	100.0	71.0	100.0	43.0	100.0	80	2.80	1
						3.937		.750	3.937	2.795	3.937	1.693	3.937	1160		
1	1	4	2		A392.41005C10025100	100.0		25.4	100.0	71.0	100.0	50.0	100.0	80	3.14	1
						3.937		1.000	3.937	2.795	3.937	1.969	3.937	1160		
1 1/2	1	4	2		A392.41005C10038100M	100.0	66.7	38.1	100.0	71.0	100.0	87.0	100.0	80	5.46	1
						3.937	2.626	1.500	3.937	2.795	3.937	3.425	3.937	1160		
125	1	1	4	2	A392.41005C12525100	125.0		25.4	100.0	71.0	100.0	50.0	125.0	80	4.40	1
						4.921		1.000	3.937	2.795	3.937	1.969	4.921	1160		
1 1/2	1	4	2		A392.41005C12538100M	125.0	66.7	38.1	100.0	71.0	100.0	87.0	125.0	80	6.75	1
						4.921	2.626	1.500	3.937	2.795	3.937	3.425	4.921	1160		



P10



Q1

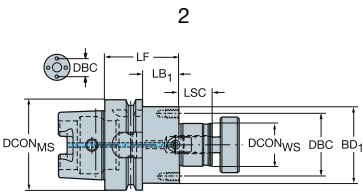
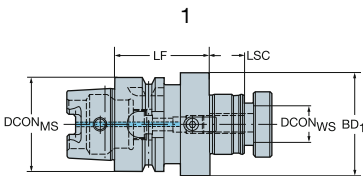


Q35

HSK to arbor adapter
Machine side interface HSK A/C



DSGN



Inch pilot

					Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DBC	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂		BBD
63	3/4	0	0	2	A392.41005-63 19 050B	63.0		19.1	50.0	24.0	50.0	43.0	63.0	1.06	1
						2.480		.750	1.969	.945	1.969	1.693	2.480		
1	0	0	0	2	A392.41005-63 25 060B	63.0		25.4	60.0	34.0	60.0	50.0	63.0	1.30	1
						2.480		1.000	2.362	1.339	2.362	1.969	2.480		
1 1/2	0	0	0	1	A392.41005-63 38 065M	63.0	66.7	38.1	65.0	65.0		87.0		2.19	1
						2.480	2.626	1.500	2.559	2.559		3.425			
100	3/4	0	0	2	A392.41005-100 19 050A	100.0		19.1	50.0	21.0	50.0	42.0	100.0	2.18	1
						3.937		.750	1.969	.827	1.969	1.654	3.937		
1	0	0	0	2	A392.41005-100 25 050A	100.0		25.4	50.0	21.0	50.0	50.0	100.0	2.18	1
						3.937		1.000	1.969	.827	1.969	1.969	3.937		
1 1/2	0	0	0	2	A392.41005-100 38 060M	100.0	66.7	38.1	60.0	31.0	60.0	87.0	100.0	3.66	1
						3.937	2.626	1.500	2.362	1.220	2.362	3.425	3.937		
2 1/2	0	0	0	1	A392.41005-10063075	100.0	101.6	63.5	75.0	75.0		130.0		6.46	1
						3.937	4.000	2.500	2.953	2.953		5.118			
125	2 1/2	0	0	1	A392.41005-12563085	125.0	101.6	63.5	85.0	85.0		130.0		9.23	1
						4.921	4.000	2.500	3.346	3.346		5.118			



P10



Q1



Q35

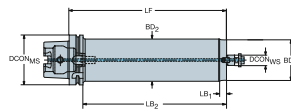
HSK to arbor dampened adapter

Coolant through arbor

Machine side interface HSK A/C

DSGN

5



Metric pilot

					Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	CP BarPSI	Kg	RPMX
63	16	1	4	5	392.41005CD6316160	63.0	16.0	160.0	12.0	134.0	160.0	38.2	40.0	63.0	20	2.10	10000
						2.480	.630	6.299	.472	5.276	6.299	1.504	1.575	2.480	290		
	16	1	4	5	392.41005CD6316230	63.0	16.0	230.0	12.0	204.0	230.0	38.2	40.0	63.0	20	2.70	7000
						2.480	.630	9.055	.472	8.032	9.055	1.504	1.575	2.480	290		
	22	1	4	5	392.41005CD6322210	63.0	22.0	210.0	13.0	184.0	210.0	46.2	50.0	63.0	20	4.20	10000
						2.480	.866	8.268	.512	7.244	8.268	1.819	1.969	2.480	290		
	22	1	4	5	392.41005CD6322300	63.0	22.0	300.0	13.0	274.0	300.0	46.2	50.0	63.0	20	5.40	7000
						2.480	.866	11.811	.512	10.787	11.811	1.819	1.969	2.480	290		
100	22	1	4	5	392.41005CD10022230	100.0	22.0	230.0	13.0	201.0	230.0	46.2	63.0	100.0	20	7.40	10000
						3.937	.866	9.055	.512	7.913	9.055	1.819	2.480	3.937	290		
	22	1	4	5	392.41005CD10022340	100.0	22.0	340.0	13.0	311.0	340.0	46.2	63.0	100.0	20	10.80	7000
						3.937	.866	13.386	.512	12.244	13.386	1.819	2.480	3.937	290		
	27	1	4	5	392.41005CD10027230	100.0	27.0	230.0	13.8	201.0	230.0	53.7	63.0	100.0	20	7.50	10000
						3.937	1.063	9.055	.543	7.913	9.055	2.114	2.480	3.937	290		
	27	1	4	5	392.41005CD10027340	100.0	27.0	340.0	13.8	311.0	340.0	53.7	63.0	100.0	20	10.90	7000
						3.937	1.063	13.386	.543	12.244	13.386	2.114	2.480	3.937	290		

Inch pilot

					Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	CP BarPSI	Kg	RPMX
63	3/4	1	4	5	A392.41005CD6319210	63.0	19.1	210.0	11.1	181.0	210.0	47.2	50.0	63.0	20	4.20	10000
						2.480	.750	8.268	.437	7.126	8.268	1.858	1.969	2.480	290		
	3/4	1	4	5	A392.41005CD6319300	63.0	19.1	300.0	11.7	271.0	300.0	47.1	50.0	63.0	20	5.40	7000
						2.480	.750	11.811	.461	10.669	11.811	1.854	1.969	2.480	290		
100	1	1	4	5	A392.4105CD10025230	100.0	25.4	230.0	10.8	196.0	230.0	54.1	63.0	100.0	20	7.50	10000
						3.937	1.000	9.055	.425	7.717	9.055	2.130	2.480	3.937	290		
	1	1	4	5	A392.4105CD10025340	100.0	25.4	340.0	10.8	306.0	340.0	54.1	63.0	100.0	20	10.90	7000
						3.937	1.000	13.386	.425	12.047	13.386	2.130	2.480	3.937	290		



P19



P10



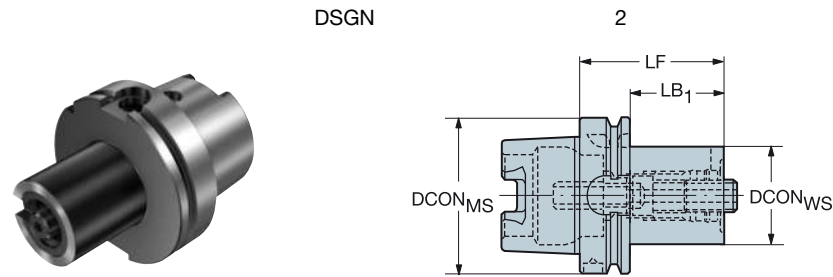
Q1



Q35

HSK to VL adapter

Machine side interface HSK A/C



					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	kg
100	80	1	1	2	390.410-100 80 090	100.0	80.0	90.0	61.0	90.0	80.0	100.0	100	12.90
						3.937	3.150	3.543	2.402	3.543	3.150	3.937	1450	

A special coolant tube is delivered together with the HSK basic holders.



HSK to Weldon adapter

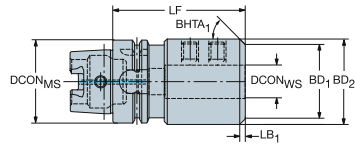
Machine side interface HSK A/C

Workpiece side interface DIN 6535-HB and DIN 1835-B

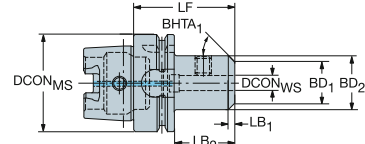


DSGN

3



6



Metric bore

						Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁	 CP Bar/PSI	 Kg	BBD	
63	8	1	1	6	392.41020-63 08 065B	63.0	8.0	65.0	2.0	39.0	65.0	24.0	28.0	63.0	45°	20	1.02	1	
						2.480	.315	2.559	.079	1.535	2.559	.945	1.102	2.480		290			
	10	1	1	6	392.41020-63 10 065B	63.0	10.0	65.0	2.0	39.0	65.0	31.0	35.0	63.0	45°	20	1.02	1	
						2.480	.394	2.559	.079	1.535	2.559	1.220	1.378	2.480		290			
	12	1	1	6	392.41020-63 12 080B	63.0	12.0	80.0	2.0	54.0	80.0	38.0	42.0	63.0	45°	20	1.24	1	
						2.480	.472	3.150	.079	2.126	3.150	1.496	1.654	2.480		290			
	16	1	1	6	392.41020-63 16 080B	63.0	16.0	80.0	2.0	54.0	80.0	44.0	48.0	63.0	45°	20	1.50	1	
						2.480	.630	3.150	.079	2.126	3.150	1.732	1.890	2.480		290			
	20	1	1	6	392.41020-63 20 080B	63.0	20.0	80.0	4.0	54.0	80.0	44.0	52.0	63.0	45°	20	1.50	1	
						2.480	.787	3.150	.157	2.126	3.150	1.732	2.047	2.480		290			
	25	1	1	3	392.41020-63 25 110B	63.0	25.0	110.0	5.0	110.0		55.0	65.0		45°	20	2.86	1	
						2.480	.984	4.331	.197	4.331		2.165	2.559			290			
	32	1	1	3	392.41020-63 32 110B	63.0	32.0	110.0	5.0	110.0		62.0	72.0		45°	20	2.87	1	
						2.480	1.260	4.331	.197	4.331		2.441	2.835			290			
100	12	1	1	6	392.41020-100 12 080A	100.0	12.0	80.0	5.0	51.0	80.0	32.0	42.0	100.0	45°	20	2.81	1	
						3.937	.472	3.150	.197	2.008	3.150	1.260	1.654	3.937		290			
	16	1	1	6	392.41020-100 16 100A	100.0	16.0	100.0	5.0	71.0	100.0	32.0	42.0	100.0	45°	20	3.00	1	
						3.937	.630	3.937	.197	2.795	3.937	1.260	1.654	3.937		290			
	20	1	1	6	392.41020-100 20 100A	100.0	20.0	100.0	5.0	71.0	100.0	42.0	52.0	100.0	45°	20	4.40	1	
						3.937	.787	3.937	.197	2.795	3.937	1.654	2.047	3.937		290			
	25	1	1	6	392.41020-100 25 100A	100.0	25.0	100.0	8.0	71.0	100.0	49.0	65.0	100.0	45°	20	4.40	1	
						3.937	.984	3.937	.315	2.795	3.937	1.929	2.559	3.937		290			
	32	1	1	6	392.41020-100 32 100A	100.0	32.0	100.0	8.0	71.0	100.0	56.0	72.0	100.0	45°	20	4.00	1	
						3.937	1.260	3.937	.315	2.795	3.937	2.205	2.835	3.937		290			
	40	1	1	6	392.41020-100 40 120A	100.0	40.0	120.0	8.0	91.0	120.0	74.0	90.0	100.0	45°	20	14.20	1	
						3.937	1.575	4.724	.315	3.583	4.724	2.913	3.543	3.937		290			



P10



Q1

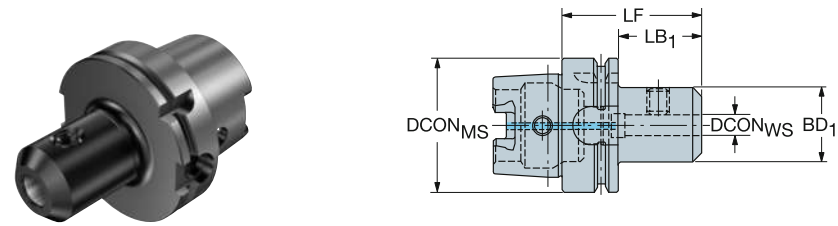


Q35

HSK to Weldon adapter

Machine side interface HSK A/C

Workpiece side interface ANSI B94.19



Inch bore

				Dimensions, mm, inch																	
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₁	CP Bar/PSI		BBD		
63	3/4	1	1	A392.41020-63 19 080B	63.0	19.1	80.0	7.5	54.0	80.0		35.8	44.5	63.0		30°	20	3.10	1		
					2.480	.750	3.150	.295	2.126	3.150		1.409	1.752	2.480			290				
	1	1	1	A392.41020-63 25 105B	63.0	25.4	105.0	7.5	79.0	105.0		48.4	57.1	63.0		30°	20	3.10	1		
					2.480	1.000	4.134	.295	3.110	4.134		1.906	2.248	2.480			290				
	1 1/4	1	1	A392.41020-63 31 105B	63.0	31.8	105.0	7.5	105.0			54.3	63.0			30°	20	3.10	1		
					2.480	1.250	4.134	.295	4.134			2.138	2.480				290				
100	3/4	1	1	A392.41020-100 19 090A	100.0	19.1	90.0	7.5	53.3	61.0	90.0	35.8	44.5	44.5	100.0	30°	20	5.00	1		
					3.937	.750	3.543	.295	2.098	2.402	3.543	1.409	1.752	1.752	3.937		290				
	1	1	1	A392.41020-100 25 100A	100.0	25.4	100.0	7.5	66.3	71.0	100.0	48.4	57.1	57.1	100.0	30°	20	5.02	1		
					3.937	1.000	3.937	.295	2.610	2.795	3.937	1.906	2.248	2.248	3.937		290				
	1 1/4	1	1	A392.41020-100 31 100A	100.0	31.8	100.0	7.5	71.0	100.0		54.3	63.0	100.0		30°	20	5.03	1		
					3.937	1.250	3.937	.295	2.795	3.937		2.138	2.480	3.937			290				
	1 1/2	1	1	A392.41020-100 38 110A	100.0	38.1	110.0	7.5	81.0	110.0		61.3	70.0	100.0		30°	20	5.07	1		
					3.937	1.500	4.331	.295	3.189	4.331		2.413	2.756	3.937			290				
	2	1	1	A392.41020-100 50 130A	100.0	50.8	130.0	7.5	101.0	130.0		84.8	93.5	100.0		30°	20	5.08	1		
					3.937	2.000	5.118	.295	3.976	5.118		3.339	3.681	3.937			290				

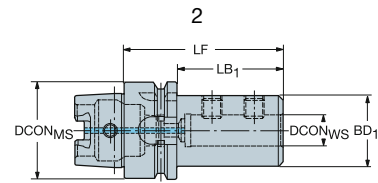
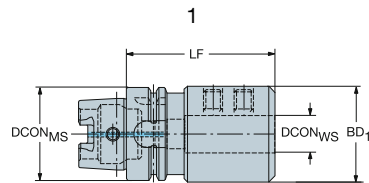


HSK to ISO 9766 adapter

Machine side interface HSK A/C



DSGN



Metric bore

					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP Bar/PSI	Kg
63	16	1	1	2	392.41027-63 16 080B	63.0	16.0	80.0	54.0	80.0	36.0	63.0	20	1.24
						2.480	.630	3.150	2.126	3.150	1.417	2.480	290	
	20	1	1	2	392.41027-63 20 080B	63.0	20.0	80.0	54.0	80.0	40.0	63.0	20	1.24
						2.480	.787	3.150	2.126	3.150	1.575	2.480	290	
	25	1	1	2	392.41027-63 25 090B	63.0	25.0	90.0	64.0	90.0	45.0	63.0	20	1.24
						2.480	.984	3.543	2.520	3.543	1.772	2.480	290	
	32	1	1	2	392.41027-63 32 090B	63.0	32.0	90.0	64.0	90.0	52.0	63.0	20	1.50
						2.480	1.260	3.543	2.520	3.543	2.047	2.480	290	
	40	1	1	1	392.41027-63 40 110	63.0	40.0	110.0	110.0		65.0		20	2.30
						2.480	1.575	4.331	4.331		2.559		290	
100	16	1	1	2	392.41027-100 16 090A	100.0	16.0	90.0	61.0	90.0	36.0	100.0	20	2.86
						3.937	.630	3.543	2.402	3.543	1.417	3.937	290	
	20	1	1	2	392.41027-100 20 090A	100.0	20.0	90.0	61.0	90.0	40.0	100.0	20	2.86
						3.937	.787	3.543	2.402	3.543	1.575	3.937	290	
	25	1	1	2	392.41027-100 25 100A	100.0	25.0	100.0	71.0	100.0	45.0	100.0	20	2.83
						3.937	.984	3.937	2.795	3.937	1.772	3.937	290	
	32	1	1	2	392.41027-100 32 100A	100.0	32.0	100.0	71.0	100.0	52.0	100.0	20	2.84
						3.937	1.260	3.937	2.795	3.937	2.047	3.937	290	
	40	1	1	2	392.41027-100 40 110A	100.0	40.0	110.0	81.0	110.0	65.0	100.0	20	4.40
						3.937	1.575	4.331	3.189	4.331	2.559	3.937	290	
	50	1	1	2	392.41027-100 50 120	100.0	50.0	120.0	91.0	120.0	75.0	100.0	20	4.42
						3.937	1.969	4.724	3.583	4.724	2.953	3.937	290	



P10



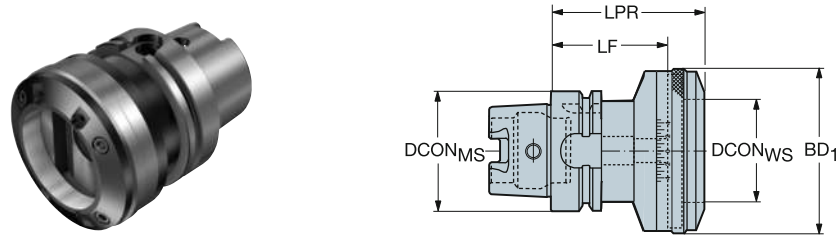
Q1



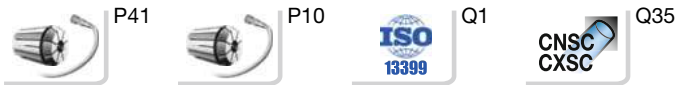
Q35

HSK to ISO 9766 adjustable adapter

Machine side interface HSK A/C



					Dimensions, mm, inch						
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	BD ₁	CP Bar/PSI	Kg
63	1	1	1	392.410277-63 01 060B	63.0	78.0	60.0	84.6	86.0	20	2.08
					2.480	3.071	2.362	3.331	3.386	290	
100	2	1	1	392.410277-100 02 065A	100.0	98.0	65.0	89.6	106.0	20	4.42
					3.937	3.858	2.559	3.528	4.173	290	
	3	1	1	392.410277-100 03 085A	100.0	136.0	85.0	95.0	140.0	20	14.31
					3.937	5.354	3.346	3.740	5.512	290	



HSK to CoroChuck™ 930

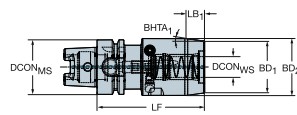
Heavy-duty design

Machine side interface HSK A/C

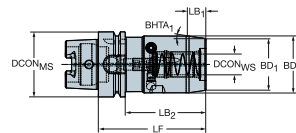


DSGN

3



6



Metric bore

						Dimensions, mm, inch																				
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁			BBD	RPMX							
63	20	1	1	6	930-HA06-HD-20-104	63.0	20.0	104.0	17.8	78.0	104.0	50.0	55.0	62.9	8°	80	1.89	1	20000							
						2.480	.787	4.094	.701	3.071	4.094	1.969	2.165	2.476		1160										
	25	1	1	3	930-HA06-HD-25-110	63.0	25.0	110.0	18.8	110.0		57.0	65.0		12°	80	2.38	1	20000							
						2.480	.984	4.331	.740	4.331		2.244	2.559			1160										
	32	1	1	3	930-HA06-HD-32-112	63.0	32.0	112.0	18.8	112.0		68.0	76.0		12°	80	2.93	1	20000							
						2.480	1.260	4.409	.740	4.409		2.677	2.992			1160										
100	20	1	1	6	930-HA10-HD-20-100	100.0	20.0	100.0	17.8	71.0	100.0	50.0	55.0	99.9	8°	80	3.13	1	10000							
						3.937	.787	3.937	.701	2.795	3.937	1.969	2.165	3.933		1160										
	25	1	1	6	930-HA10-HD-25-106	100.0	25.0	106.0	18.8	77.0	106.0	57.0	65.0	99.9	12°	80	3.69	1	10000							
						3.937	.984	4.173	.740	3.032	4.173	2.244	2.559	3.933		1160										
	32	1	1	6	930-HA10-HD-32-110	100.0	32.0	110.0	18.8	81.0	110.0	68.0	76.0	99.9	12°	80	4.40	1	10000							
						3.937	1.260	4.331	.740	3.189	4.331	2.677	2.992	3.933		1160										

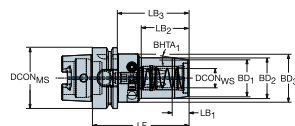
Slender design

Machine side interface HSK A/C



DSGN

10



Metric bore

						Dimensions, mm, inch																					
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₁			BBD	RPMX						
63	12	1	1	10	930-HA06-S-12-090	63.0	12.0	90.0	11.3	38.2	64.0	90.0	28.0	32.0	50.0	63.0	10°	80	1.17	1	20000						
						2.480	.472	3.543	.445	1.504	2.520	3.543	1.102	1.260	1.969	2.480		1160									
	20	1	1	10	930-HA06-S-20-100	63.0	20.0	100.0	16.0	49.2	74.0	100.0	38.0	42.0	50.0	63.0	7°	80	1.36	1	20000						
						2.480	.787	3.937	.630	1.937	2.913	3.937	1.496	1.654	1.969	2.480		1160									
100	12	1	1	10	930-HA10-S-12-095	100.0	12.0	95.0	11.3	38.2	66.0	95.0	28.0	32.0	50.0	100.0	10°	80	2.54	1	10000						
						3.937	.472	3.740	.445	1.504	2.598	3.740	1.102	1.260	1.969	3.937		1160									
	20	1	1	10	930-HA10-S-20-100	100.0	20.0	100.0	16.0	49.2	71.0	100.0	38.0	42.0	50.0	100.0	7°	80	2.66	1	10000						
						3.937	.787	3.937	.630	1.937	2.795	3.937	1.496	1.654	1.969	3.937		1160									



P14



P10



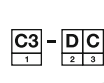
Q5



Q1



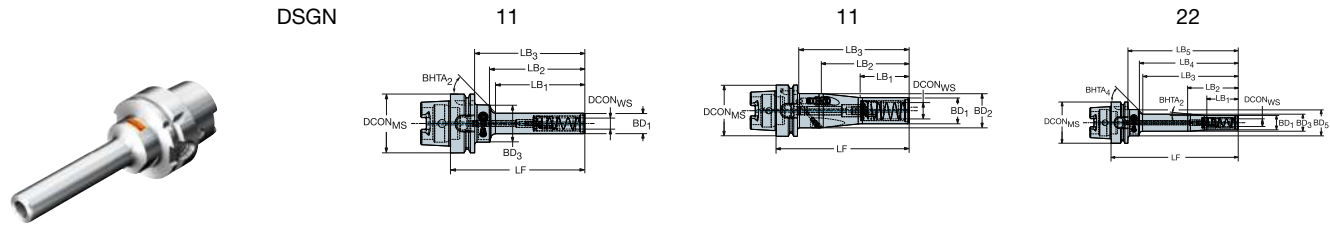
Q35



Q32

HSK to CoroChuck™ 930

Pencil design
Machine side interface HSK A/C



Metric bore

					Dimensions, mm, inch																		
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₂			BBD	RPMX		
63	6	1	1	11	930-HA06-P-06-094	63.0	6.0	94.0	45.8	52.1	68.0	94.0	14.5	14.5	40.0	63.0	62°	80	0.84	1	20000		
						2.480	.236	3.701	1.803	2.051	2.677	3.701	.571	.571	1.575	2.480		1160					
	12	1	1	11	930-HA06-P-12-109	63.0	12.0	109.0	60.8	66.4	83.0	109.0	22.0	22.0	40.0	63.0	55°	80	0.94	1	20000		
						2.480	.472	4.291	2.394	2.614	3.268	4.291	.866	.866	1.575	2.480		1160					
	12	1	1	11	930-HA06-P-12-144	63.0	12.0	144.0	95.8	101.4	118.0	144.0	22.0	22.0	40.0	63.0	55°	80	1.04	1	20000		
						2.480	.472	5.669	3.772	3.992	4.646	5.669	.866	.866	1.575	2.480		1160					
	12	1	1	22	930-HA06-P-12-194	63.0	12.0	194.0	50.0	75.0	145.8	168.0	22.0	22.0	26.0	40.0	4°	80	1.29	1	20000		
						2.480	.472	7.638	1.969	2.953	5.740	6.614	.866	.866	1.024	1.575		1160					
	20	1	1	11	930-HA06-P-20-163	63.0	20.0	163.0	60.0	108.0	137.0	163.0	32.0	32.0	42.0	63.0	6°	80	1.55	1	20000		
						2.480	.787	6.417	2.362	4.252	5.394	6.417	1.260	1.260	1.654	2.480		1160					
100	12	1	1	11	930-HA10-P-12-115	100.0	12.0	115.0	60.8	66.4	86.0	115.0	22.0	22.0	40.0	100.0	55°	80	2.30	1	10000		
						3.937	.472	4.528	2.394	2.614	3.386	4.528	.866	.866	1.575	3.937		1160					
	12	1	1	11	930-HA10-P-12-150	100.0	12.0	150.0	95.8	101.4	121.0	150.0	22.0	22.0	40.0	100.0	55°	80	2.41	1	10000		
						3.937	.472	5.906	3.772	3.992	4.764	5.906	.866	.866	1.575	3.937		1160					
	12	1	1	22	930-HA10-P-12-200	100.0	12.0	200.0	50.0	75.0	145.8	171.0	22.0	22.0	26.0	40.0	4°	80	2.66	1	10000		
						3.937	.472	7.874	1.969	2.953	5.740	6.732	.866	.866	1.024	1.575		1160					
	20	1	1	11	930-HA10-P-20-170	100.0	20.0	170.0	60.0	108.0	141.0	170.0	32.0	32.0	42.0	100.0	6°	80	2.93	1	10000		
						3.937	.787	6.693	2.362	4.252	5.551	6.693	1.260	1.260	1.654	3.937		1160					



HSK to cylindrical shank with iLock shrink-fit chuck

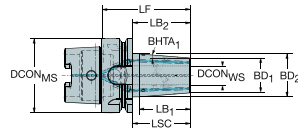
Internal and external coolant supply

Machine side interface HSK A/C

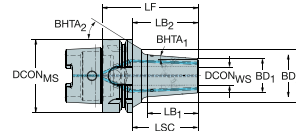


DSGN

6



8



Metric bore

						Dimensions, mm, inch																	
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁	BHTA ₂	 CP Bar/PSI		BBD	RPMX			
63	12	1	9	8	392.41019Y-6312070	63.0	12.0	70.0	38.5	44.0	70.0	26.5	32.6	63.0	4°	47°	80	0.86	1	20000			
						2.480	.472	2.756	1.516	1.732	2.756	1.043	1.283	2.480			1160						
16	1	9	8		392.41019Y-6316075	63.0	16.0	75.0	43.5	49.0	75.0	29.5	36.3	63.0	4°	47°	80	0.92	1	20000			
						2.480	.630	2.953	1.713	1.929	2.953	1.161	1.429	2.480			1160						
20	1	9	8		392.41019Y-6320075	63.0	20.0	75.0	45.3	49.0	75.0	35.5	42.6	63.0	4°	47°	80	1.00	1	20000			
						2.480	.787	2.953	1.783	1.929	2.953	1.398	1.677	2.480			1160						
25	1		6		392.41019Y-6325085	63.0	25.0	85.0	38.1	59.0	85.0	45.0	51.0	63.0	4°	0°	80	1.29	1	20000			
						2.480	.984	3.346	1.500	2.323	3.346	1.772	2.008	2.480			1160						
100	12	1	9	8	392.41019Y-10012095	100.0	12.0	95.0	55.1	66.0	95.0	27.0	35.7	100.0	4°	60°	80	2.37	1	10000			
						3.937	.472	3.740	2.169	2.598	3.740	1.063	1.406	3.937			1160						
16	1	9	8		392.41019Y-10016100	100.0	16.0	100.0	64.8	71.0	100.0	33.0	43.2	100.0	4°	55°	80	2.42	1	10000			
						3.937	.630	3.937	2.551	2.795	3.937	1.299	1.701	3.937			1160						
20	1	9	8		392.41019Y-10020105	100.0	20.0	105.0	65.1	76.0	105.0	44.0	54.3	100.0	4°	55°	80	2.62	1	10000			
						3.937	.787	4.134	2.563	2.992	4.134	1.732	2.138	3.937			1160						
25	1	9	8		392.41019Y-10025115	100.0	25.0	115.0	64.8	86.0	115.0	44.0	54.2	100.0	4°	36°	80	3.14	1	10000			
						3.937	.984	4.528	2.551	3.386	4.528	1.732	2.134	3.937			1160						



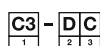
P10



Q1



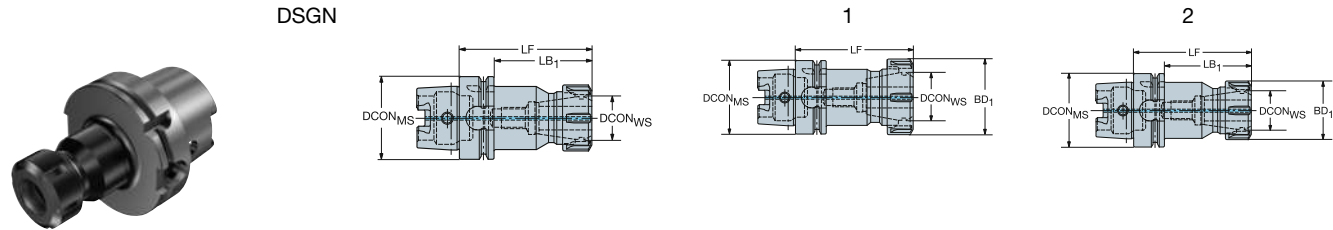
Q35



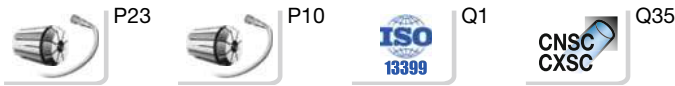
Q33

HSK to ER collet chuck

Machine side interface HSK A/C
Workpiece side interface DIN 6499-B



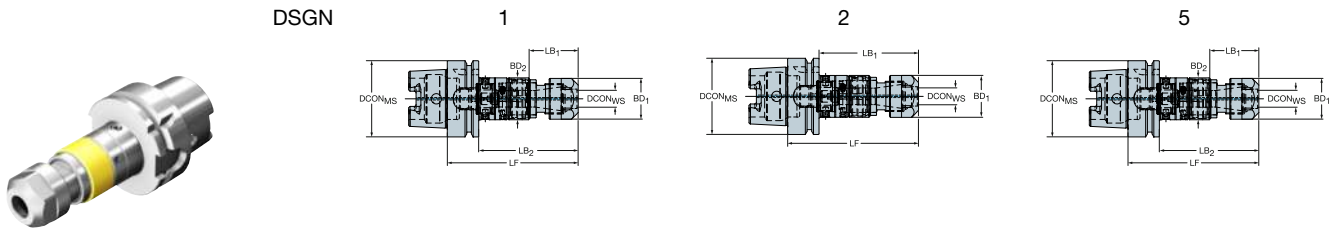
					Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	 CP BarPSI	 Kg	BBD	
40	ER25	1	1	1	392.41014-4025062	40.0	26.0	62.0	62.0		42.0		80	0.38	1	
						1.575	1.024	2.441	2.441		1.654		1160			
50	ER32	1	1	1	392.41014-5032072	50.0	33.0	72.0	72.0		50.0		80	0.70	1	
						1.969	1.299	2.835	2.835		1.969		1160			
63	ER25	1	1	2	392.41014-63 25 100	63.0	26.0	100.0	74.0	100.0	42.0	63.0	80	1.24	1	
						2.480	1.024	3.937	2.913	3.937	1.654	2.480	1160			
	ER32	1	1	2	392.41014-63 32 100B	63.0	33.0	100.0	74.0	100.0	50.0	63.0	80	1.24	1	
						2.480	1.299	3.937	2.913	3.937	1.969	2.480	1160			
	ER40	1	1	1	392.41014-63 40 120B	63.0	41.0	120.0	120.0		63.0		80	2.07	1	
						2.480	1.614	4.724	4.724		2.480		1160			
100	ER32	1	1		392.41014-100 32 100A	100.0	33.0	100.0	71.0	100.0	50.0	100.0	80	2.83	1	
						3.937	1.299	3.937	2.795	3.937	1.969	3.937	1160			
	ER40	1	1		392.41014-100 40 120A	100.0	41.0	120.0	91.0	120.0	63.0	100.0	80	4.40	1	
						3.937	1.614	4.724	3.583	4.724	2.480	3.937	1160			
	ER50	1	1		392.41014-100 50 130A	100.0	52.0	130.0	101.0	130.0	78.0	100.0	80	4.40	1	
						3.937	2.047	5.118	3.976	5.118	3.071	3.937	1160			



HSK to CoroChuck™ 970

Machine side interface HSK A/C

Workpiece side interface DIN 6499-B



						Dimensions, mm, inch																
CZC _{MS}	CZC _{WS}	TRMAX	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	CP Bar/PSI	 Kg	RPMX				
63	ER20	M12	1	1	5	970-HA06-20-108	63.0	20.8	108.1	40.3	82.2	108.1	33.7	34.6	63.0	80	1.06	8000				
	ER25	M20	1	1	5	970-HA06-25-128	63.0	25.8	127.5	42.1	101.5	127.5	42.0	44.0	63.0	80	1.46	8000				
	ER40	M30	1	1	1	970-HA06-40-160	63.0	41.0	160.0	159.9			59.0			80	2.80	8000				
100	ER20	M12	1	1	5	970-HA10-20-115	100.0	20.8	114.6	40.3	85.7	114.6	33.7	34.6	100.0	80	2.44	8000				
	ER25	M20	1	1	5	970-HA10-25-134	100.0	25.8	134.0	42.1	105.0	134.0	42.0	44.0	100.0	80	2.83	8000				
	ER40	M30	1	1	2	970-HA10-40-164	100.0	40.8	163.4	134.4	163.4		63.0	100.0		80	4.20	8000				



P28



P31



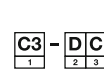
P10



Q1



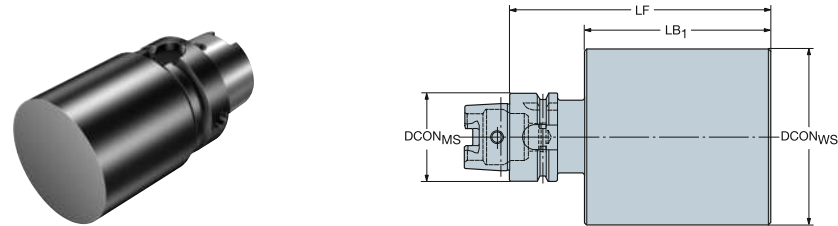
Q35



Q33

Blank with HSK coupling

Machine side interface HSK A/C



CZC _{MS}	Ordering code	Dimensions, mm, inch			
		DCON	BD ₁	LB ₁	
63	392.41050-63 130 150A	63	130.0	108	14.5
		2.480	5.118	4.252	
	392.41050-63 64 250A	63	64.0	208	14.5
		2.480	2.520	8.189	
100	392.41050-100 145 200A	100	145.0	155	67.0
		3.937	5.709	6.102	
	392.41050-100104250A	100	104.0	205	14.4
		3.937	4.094	8.071	

Note: These HSK blanks are equipped with a thread inside the HSK coupling to allow for connection of a coolant tube.

If localized hardening is required, induction type hardening is suggested.



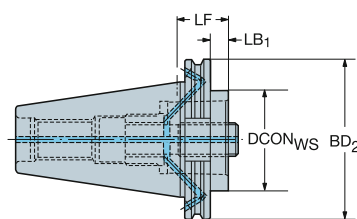
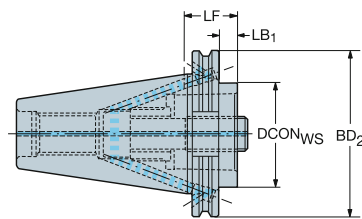
BIG-PLUS ISO to Coromant Capto® adapter

Machine side interface compatible with ISO 7388-1 and DIN 69871-ADB

DSGN

2

2



					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP Bar/PSI	kg	BBD
40	C3	7	1	2	C3-390B.540-40 030	32.0	30.0	10.9	30.0	32.0	63.5	80	0.85	1
						1.260	1.181	.429	1.181	1.260	2.500	1160		
	C4	7	1	2	C4-390B.540-40 040	40.0	40.0	20.9	40.0	40.0	63.5	80	0.93	1
						1.575	1.575	.823	1.575	1.575	2.500	1160		
	C5	7	1	2	C5-390B.540-40 050	50.0	50.0	30.9	50.0	50.0	63.5	80	1.10	1
						1.969	1.969	1.217	1.969	1.969	2.500	1160		
	C6	7	1	2	C6-390B.540-40 085	63.0	85.0	30.9	50.0	63.0	63.5	80	1.82	1
						2.480	3.346	1.217	1.969	2.480	2.500	1160		
50	C3	7	1	2	C3-390.540-50 030A	32.0	30.0	10.9	30.0	32.0	97.5	80	2.60	0
						1.260	1.181	.429	1.181	1.260	3.839	1160		
	C3	7	1	2	C3-390.540-50 060	32.0	60.0	40.9	60.0	32.0	97.5	80	2.78	0
						1.260	2.362	1.610	2.362	1.260	3.839	1160		
	C4	7	1	2	C4-390.540-50 030A	40.0	30.0	10.9	30.0	40.0	97.5	80	2.60	0
						1.575	1.181	.429	1.181	1.575	3.839	1160		
	C4	7	1	2	C4-390.540-50 060	40.0	60.0	40.9	60.0	40.0	97.5	80	2.88	0
						1.575	2.362	1.610	2.362	1.575	3.839	1160		
	C5	7	1	2	C5-390.540-50 030A	50.0	30.0	10.9	30.0	50.0	97.5	80	2.60	0
						1.969	1.181	.429	1.181	1.969	3.839	1160		
	C5	7	1	2	C5-390.540-50 070	50.0	70.0	50.9	70.0	50.0	97.5	80	3.15	0
						1.969	2.756	2.004	2.756	1.969	3.839	1160		
	C6	7	1	2	C6-390.540-50 050A	63.0	50.0	30.9	50.0	63.0	97.5	80	2.40	0
						2.480	1.969	1.217	1.969	2.480	3.839	1160		
	C6	7	1	2	C6-390.540-50 100	63.0	100.0	80.9	100.0	63.0	97.5	80	4.08	0
						2.480	3.937	3.185	3.937	2.480	3.839	1160		
	C8	7	1	2	C8-390.540-50 070A	80.0	70.0	50.9	70.0	80.0	97.5	80	3.40	0
						3.150	2.756	2.004	2.756	3.150	3.839	1160		
	C8	7	1	2	C8-390.540-50 120	80.0	120.0	100.9	120.0	80.0	97.5	80	5.62	0
						3.150	4.724	3.972	4.724	3.150	3.839	1160		
	C10	7	1	1	C10-390.540-50 140	100.0	140.0	140.0		100.0		80	7.63	0
						3.937	5.512	5.512		3.937		1160		

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P1



P11



Q1

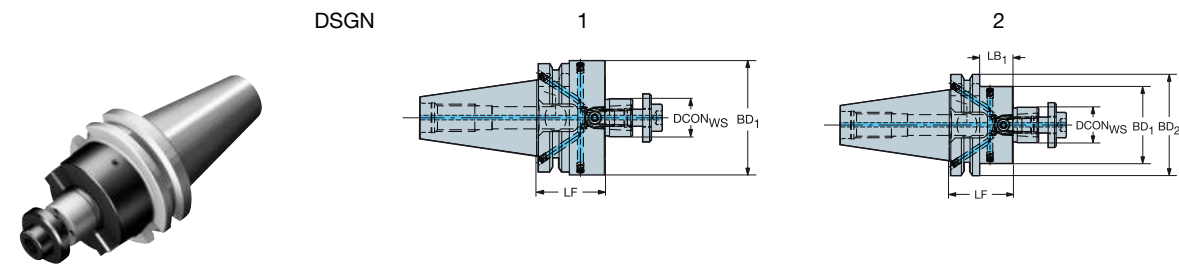


Q35

BIG-PLUS ISO to arbor adapter

Coolant through arbor

Machine side interface compatible with ISO 7388-1 and DIN 69871-ADB



Metric pilot

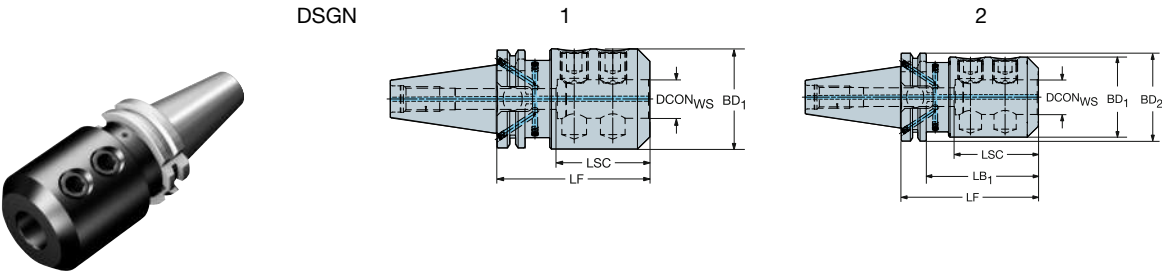
					Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DBC	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	 CP Bar/PSI	 Kg	BBD
40	16	7	4	2	392.54005C4016045		16.0	45.0	25.9	45.0	32.0	63.5	80	1.00	1
							.630	1.772	1.020	1.772	1.260	2.500	1160		
	22	7	4	2	392.54005C4022040		22.0	40.0	20.9	40.0	48.0	63.5	80	1.00	1
							.866	1.575	.823	1.575	1.890	2.500	1160		
	27	7	4	2	392.54005C4027050		27.0	50.0	30.9	50.0	60.0	63.5	80	1.47	1
							1.063	1.969	1.217	1.969	2.362	2.500	1160		
	32	7	4	1	392.54005C4032055		32.0	55.0	55.0		78.0		80	1.94	1
							1.260	2.165	2.165		3.071		1160		
	40S	7	4	1	392.54005C4040055M		66.7	40.0	55.0	55.0	87.0		80	2.26	1
							2.626	1.575	2.165	2.165	3.425		1160		

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All holders are delivered with a standard screw without hole for coolant.
For cutters with coolant channels a new screw with radial coolant holes is necessary and can be ordered separately.
See page P13.



BIG-PLUS ISO to Weldon / ISO 9766 adapter
Machine side interface compatible with ISO 7388-1 and DIN 69871-ADB



Metric bore

						Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	 Kg	BBD	
40	16	7	1	2	392.54023-4016060	16.0	60.0	40.9	60.0	48.0	63.5	20	1.28	1	
						.630	2.362	1.610	2.362	1.890	2.500	290			
	20	7	1	2	392.54023-4020070	20.0	70.0	50.9	70.0	52.0	63.5	20	1.46	0	
						.787	2.756	2.004	2.756	2.047	2.500	290			
	25	7	1	1	392.54023-4025100	25.0	100.0	100.0		65.0		20	2.38	1	
						.984	3.937	3.937		2.559		290			
	32	7	1	1	392.54023-4032105	32.0	105.0	105.0		72.0		20	2.73	1	
						1.260	4.134	4.134		2.835		290			
	40	7	1	1	392.54023-4040115	40.0	115.0	115.0		90.0		20	4.14	1	
						1.575	4.528	4.528		3.543		290			

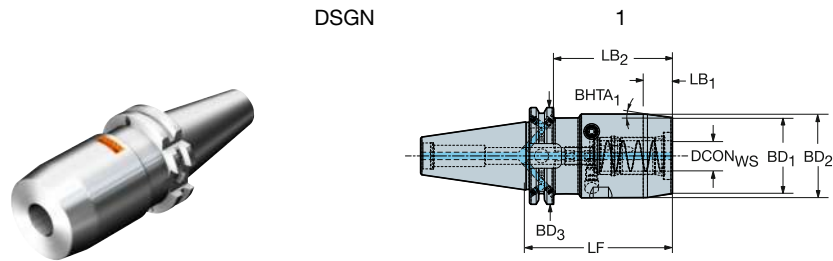
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BIG-PLUS ISO to CoroChuck™ 930

Heavy-duty design

Machine side interface compatible with ISO 7388-1 and DIN 69871-ADB

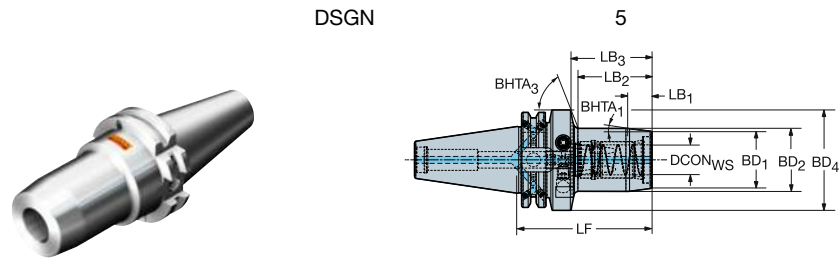


Metric bore

					Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	 CP BarPSI	 Kg	BBD	RPMX
40	20	7	1	2	930-IB40-HD-20-097	20.0	97.0	77.9	97.0	55.0	63.5	80	2.08	1	18000
						.787	3.819	3.067	3.819	2.165	2.500	1160			
	25	7	1	1	930-IB40-HD-25-103	25.0	103.0	103.0		65.0		80	2.58	1	18000
						.984	4.055	4.055		2.559		1160			
50	20	7	1	2	930-IB50-HD-20-083	20.0	83.0	63.9	83.0	55.0	97.5	80	3.73	1	12000
						.787	3.268	2.516	3.268	2.165	3.839	1160			
	25	7	1	2	930-IB50-HD-25-087	25.0	87.0	67.9	87.0	65.0	97.5	80	4.18	1	12000
						.984	3.425	2.673	3.425	2.559	3.839	1160			
	32	7	1	2	930-IB50-HD-32-077	32.0	77.0	57.9	77.0	76.0	97.5	80	4.33	1	12000
						1.260	3.032	2.280	3.032	2.992	3.839	1160			

Slender design

Machine side interface compatible with ISO 7388-1 and DIN 69871-ADB



Metric bore

					Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	CP BarPSI	 Kg	BBD	RPMX
40	12	7	1	5	930-IB40-S-12-080	12.0	80.0	40.0	60.9	80.0	32.0	50.0	63.5	80	1.33	1	18000
						.472	3.150	1.575	2.398	3.150	1.260	1.969	2.500	1160			
	20	7	1	5	930-IB40-S-20-090	20.0	90.0	51.0	70.9	90.0	42.0	50.0	63.5	80	1.53	1	18000
						.787	3.543	2.008	2.791	3.543	1.654	1.969	2.500	1160			
50	20	7	1	5	930-IB50-S-20-089	20.0	89.0	51.0	69.9	89.0	42.0	50.0	97.5	80	3.37	1	12000
						.787	3.504	2.008	2.752	3.504	1.654	1.969	3.839	1160			

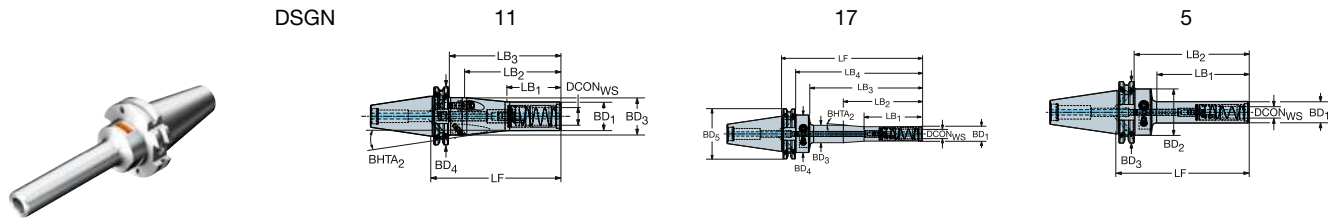
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BIG-PLUS ISO to CoroChuck™ 930

Pencil design

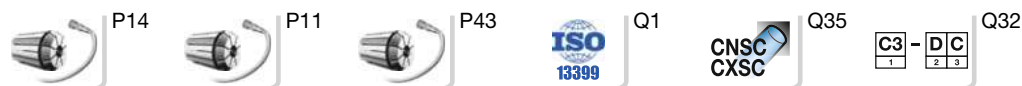
Machine side interface compatible with ISO 7388-1 and DIN 69871-ADB



Metric bore

		Dimensions, mm, inch																		
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₂	CP Bar/PSI	Kg	BBD	RPMX
40	12	7	1	5	930-IB40-P-12-103	12.0	103.0	65.0	83.9	103.0		22.0	40.0	63.5		0°	80	1.16	1	18000
						.472	4.055	2.559	3.303	4.055		.866	1.575	2.500			1160			
	12	7	1	5	930-IB40-P-12-138	12.0	138.0	100.0	118.9	138.0		22.0	40.0	63.5		0°	80	1.26	1	18000
						.472	5.433	3.937	4.681	5.433		.866	1.575	2.500			1160			
	12	7	1	17	930-IB40-P-12-188	12.0	188.0	50.0	75.0	150.0	168.9	22.0	22.0	26.0	40.0	4°	80	1.51	1	18000
						.472	7.402	1.969	2.953	5.906	6.650	.866	.866	1.024	1.575		1160			
	20	7	1	11	930-IB40-P-20-145	20.0	145.0	60.0	108.0	125.9	145.0	32.0	32.0	42.0	63.5	5°	80	1.65	1	18000
						.787	5.709	2.362	4.252	4.957	5.709	1.260	1.260	1.654	2.500		1160			

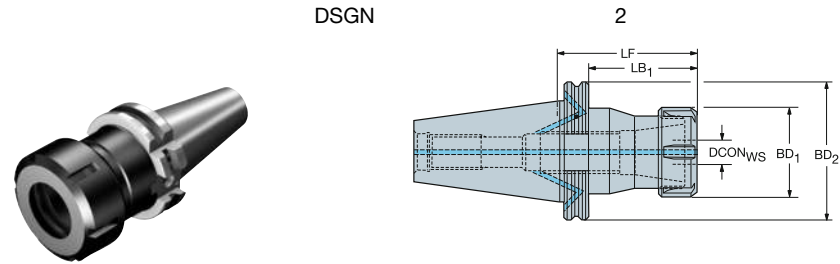
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BIG-PLUS ISO to ER collet chuck

Machine side interface compatible with ISO 7388-1 and DIN 69871-ADB

Workpiece side interface DIN 6499-B



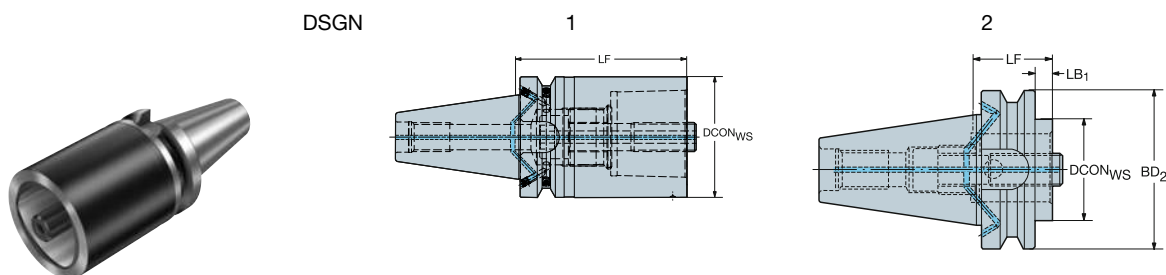
						Dimensions, mm, inch						CP BarPSI	
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂		
40	ER25	7	1	2	392.54014-4025070	26.0	70.0	30.9	70.0	42.0	63.5	80	1.00
						1.024	2.756	1.217	2.756	1.654	2.500	1160	
	ER40	7	1	2	392.54014-4040075	41.0	75.0	55.9	75.0	63.0	63.5	80	1.42
						1.614	2.953	2.201	2.953	2.480	2.500	1160	

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BIG-PLUS MAS-BT to Coromant Capto® adapter

Machine side interface compatible with MAS-BT 403 and JIS B 6339



					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	 Kg	BBD
30	C3	1	1	2	C3-390.555-30 040	32.0	40.0	18.0	40.0	32.0	46.0	80	0.45	1
	C4	1	1	2	C4-390.555-30 060	1.260	1.575	.709	1.575	1.260	1.811	1160		
	C5	1	1	1	C5-390.555-30 080	1.575	2.362	1.496	2.362	1.575	1.811	1160		
						50.0	80.0	80.0		50.0		80	1.05	1
						1.969	3.150	3.150		1.969		1160		
40	C3	7	1	2	C3-390B.555-40 030	32.0	30.0	3.0	30.0	32.0	63.0	80	0.95	1
	C4	7	1	2	C4-390B.555-40 040	1.260	1.181	.118	1.181	1.260	2.480	1160		
	C5	7	1	2	C5-390B.555-40 050	1.575	1.575	.512	1.575	1.575	2.480	1160		
	C6	7	1	1	C6-390B.555-40 075	1.969	1.969	.906	1.969	1.969	2.480	1160		
						63.0	75.0	75.0		63.0		80	1.72	1
						2.480	2.953	2.953		2.480		1160		
50	C3	7	1	2	C3-390B.558-50 040	32.0	40.0	2.0	40.0	32.0	100.0	80	3.60	1
	C3	7	1	2	C3-390B.558-50 070	1.260	1.575	.079	1.575	1.260	3.937	1160		
	C4	7	1	2	C4-390B.558-50 040	1.260	2.756	1.260	2.756	1.260	3.937	1160		
	C4	7	1	2	C4-390B.558-50 070	1.575	1.575	.079	1.575	1.575	3.937	1160		
	C5	7	1	2	C5-390B.558-50 040	1.575	2.756	1.260	2.756	1.575	3.937	1160		
	C5	7	1	2	C5-390B.558-50 080	50.0	40.0	2.0	40.0	50.0	100.0	80	3.50	1
	C6	7	1	2	C6-390B.558-50 050	1.969	1.575	.079	1.575	1.969	3.937	1160		
	C6	7	1	2	C6-390B.558-50 100	1.969	3.150	1.654	3.150	1.969	3.937	1160		
	C8	7	1	2	C8-390B.558-50 070	2.480	1.969	.472	1.969	2.480	3.937	1160		
	C8	7	1	2	C8-390B.558-50 120	63.0	100.0	62.0	100.0	63.0	100.0	80	4.63	1
	C10	7	1	1	C10-390B.558-50 140	2.480	3.937	2.441	3.937	2.480	3.937	1160		
						80.0	70.0	32.0	70.0	80.0	100.0	80	4.10	1
						3.150	2.756	1.260	2.756	3.150	3.937	1160		
						80.0	120.0	82.0	120.0	80.0	100.0	80	5.91	1
						3.150	4.724	3.228	4.724	3.150	3.937	1160		
						100.0	140.0	140.0		100.0		80	7.63	0
						3.937	5.512	5.512		3.937		1160		

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P43



P11



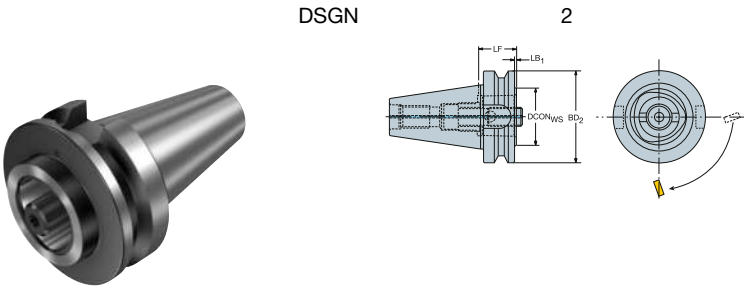
Q1



Q35

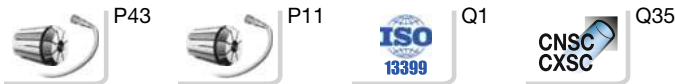
BIG-PLUS MAS-BT to Coromant Capto® adapter

90° rotated polygon for precision tool tip control
Designed for Mazak™ e-machine and Mori Seiki NT Series



					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	 Kg	BBD
40	C5	1	1	2	C5-390.562-40 050	50.0	50.0	23.0	50.0	50.0	63.0	80	1.30	1
						1.969	1.969	.906	1.969	1.969	2.480	1160		
50	C6	1	1	2	C6-390.562-50 050	63.0	50.0	12.0	50.0	63.0	100.0	80	3.40	0
						2.480	1.969	.472	1.969	2.480	3.937	1160		
	C8	1	1	2	C8-390.562-50 070	80.0	70.0	32.0	70.0	80.0	100.0	80	3.40	0
						3.150	2.756	1.260	2.756	3.150	3.937	1160		

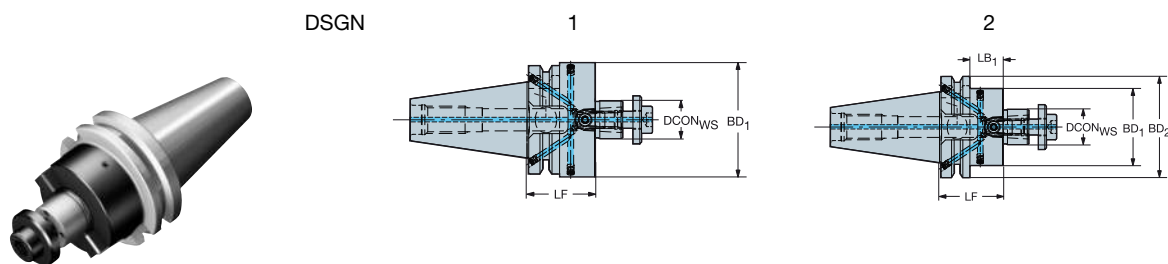
BIG-PLUS® SYSTEM licensed by BIG Daishowa



BIG-PLUS MAS-BT to arbor adapter

Coolant through arbor

Machine side interface compatible with MAS-BT 403 and JIS B 6339



Metric pilot

					Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DBC	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP Bar/PSI	 BBD	
30	16	1	4	2	392.55505C3016040		16.0	40.0	18.0	40.0	32.0	46.0	80	0.52	1
							.630	1.575	.709	1.575	1.260	1.811	1160		
	22	1	4	1	392.55505C3022040		22.0	40.0	40.0		48.0		80	0.70	1
							.866	1.575	1.575		1.890		1160		
	27	1	4	1	392.55505C3027040		27.0	40.0	40.0		60.0		80	0.86	1
							1.063	1.575	1.575		2.362		1160		
	32	1	4	1	392.55505C3032045		32.0	45.0	45.0		78.0		80	1.33	1
							1.260	1.772	1.772		3.071		1160		
40	16	7	4	2	392.55505C4016050		16.0	50.0	23.0	50.0	32.0	63.0	80	1.12	1
							.630	1.969	.906	1.969	1.260	2.480	1160		
	22	7	4	2	392.55505C4022045		22.0	45.0	18.0	45.0	48.0	63.0	80	1.27	1
							.866	1.772	.709	1.772	1.890	2.480	1160		
	27	7	4	2	392.55505C4027045		27.0	45.0	18.0	45.0	60.0	63.0	80	1.45	1
							1.063	1.772	.709	1.772	2.362	2.480	1160		
	32	7	4	1	392.55505C4032050		32.0	50.0	50.0		78.0		80	1.94	1
							1.260	1.969	1.969		3.071		1160		
	40S	7	4	1	392.55505C4040055M	66.7	40.0	55.0	55.0		87.0		80	2.47	1
						2.626	1.575	2.165	2.165		3.425		1160		
50	22	7	4	2	392.55805C5022055		22.0	55.0	17.0	55.0	48.0	100.0	80	3.80	1
							.866	2.165	.669	2.165	1.890	3.937	1160		
	27	7	4	2	392.55805C5027055		27.0	55.0	17.0	55.0	48.0	100.0	80	4.00	1
							1.063	2.165	.669	2.165	1.890	3.937	1160		
	32	7	4	2	392.55805C5032055		32.0	55.0	17.0	55.0	48.0	100.0	80	4.50	1
							1.260	2.165	.669	2.165	1.890	3.937	1160		
	40S	7	4	2	392.55805C5040055	66.7	40.0	55.0	17.0	55.0	87.0	100.0	80	4.61	1
						2.626	1.575	2.165	.669	2.165	3.425	3.937	1160		

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All holders are delivered with a standard screw without hole for coolant.

For cutters with coolant channels a new screw with radial coolant holes is necessary and can be ordered separately. See page P13.



P11



Q1

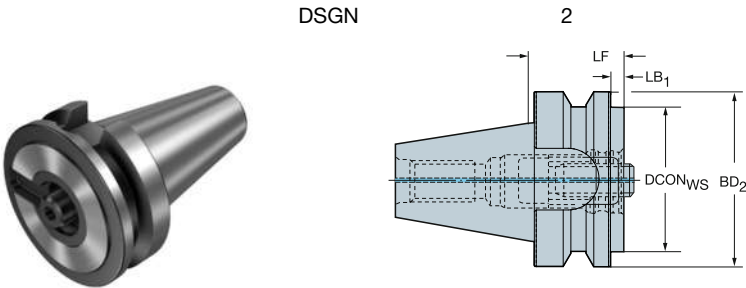


Q35

BIG-PLUS® MAS-BT to VL adapter

Coolant through arbor

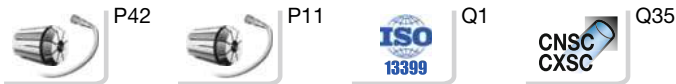
Machine side interface compatible with MAS-BT 403 and JIS B 6339



Metric pilot

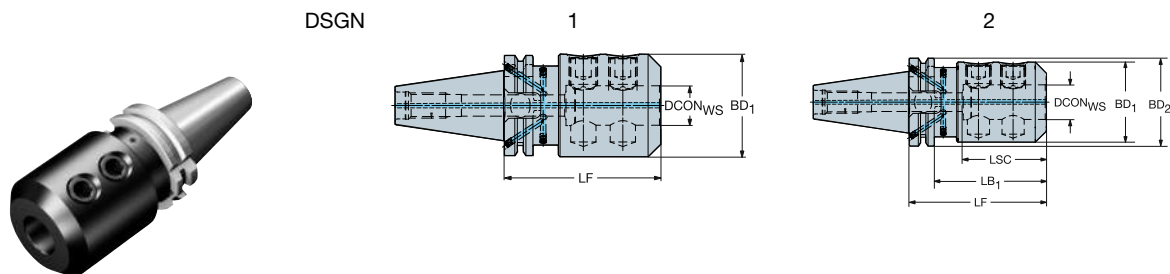
						Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	Kg
50	80	1	1	2	390.558-50 80 040	80.0	27.0	2.0	40.0	80.0	100.0	80	4.30
						3.150	1.063	.079	1.575	3.150	3.937	1160	

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BIG-PLUS MAS-BT to Weldon / ISO 9766 adapter

Machine side interface compatible with MAS-BT 403 and JIS B 6339



Metric bore

					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	 Kg	BBD
30	16	1	1	1	392.55523-3016060	16.0	60.0	60.0		48.0		20	0.81	1
						.630	2.362	2.362		1.890		290		
	20	1	1	1	392.55523-3020065	20.0	65.0	65.0		52.0		20	0.92	1
						.787	2.559	2.559		2.047		290		
	25	1	1	1	392.55523-3025090	25.0	90.0	90.0		65.0		20	1.77	1
						.984	3.543	3.543		2.559		290		
	32	1	1	1	392.55523-3032095	32.0	95.0	95.0		72.0		20	2.13	1
						1.260	3.740	3.740		2.835		290		
40	16	7	1	2	392.55523-4016065	16.0	65.0	38.0	65.0	48.0	63.0	20	1.40	1
						.630	2.559	1.496	2.559	1.890	2.480	290		
	20	7	1	2	392.55523-4020065	20.0	65.0	38.0	65.0	52.0	63.0	20	1.46	1
						.787	2.559	1.496	2.559	2.047	2.480	290		
	25	7	1	1	392.55523-4025090	25.0	90.0	90.0		65.0		20	2.29	1
						.984	3.543	3.543		2.559		290		
	32	7	1	1	392.55523-4032100	32.0	100.0	100.0		72.0		20	2.77	1
						1.260	3.937	3.937		2.835		290		
	40	7	1	1	392.55523-4040110	40.0	110.0	110.0		90.0		20	4.20	1
						1.575	4.331	4.331		3.543		290		
50	25	7	1	2	392.55823-5025100	25.0	100.0	62.0	100.0	65.0	100.0	20	4.81	1
						.984	3.937	2.441	3.937	2.559	3.937	290		
	32	7	1	2	392.55823-5032105	32.0	105.0	67.0	105.0	72.0	100.0	20	5.15	1
						1.260	4.134	2.638	4.134	2.835	3.937	290		
	40	7	1	2	392.55823-5040115	40.0	115.0	77.0	115.0	90.0	100.0	20	6.51	1
						1.575	4.528	3.032	4.528	3.543	3.937	290		
	50	7	1	1	392.55823-5050130	50.0	130.0	100.0		100.0		20	7.70	1
						1.969	5.118	3.937		3.937		290		

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P11



Q1

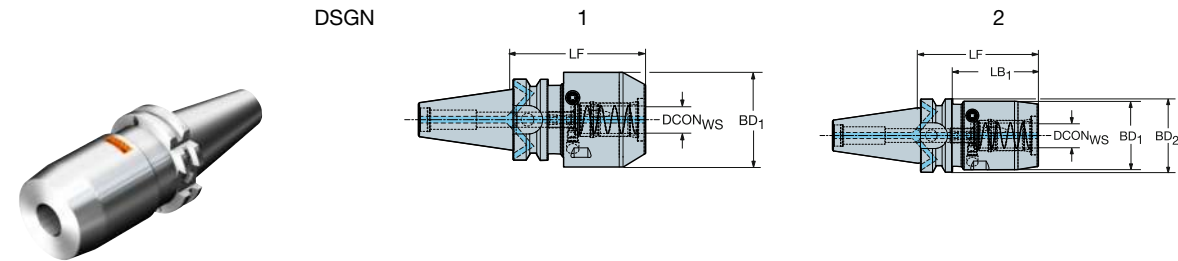


Q35

BIG-PLUS MAS-BT to CoroChuck™ 930

Heavy-duty design

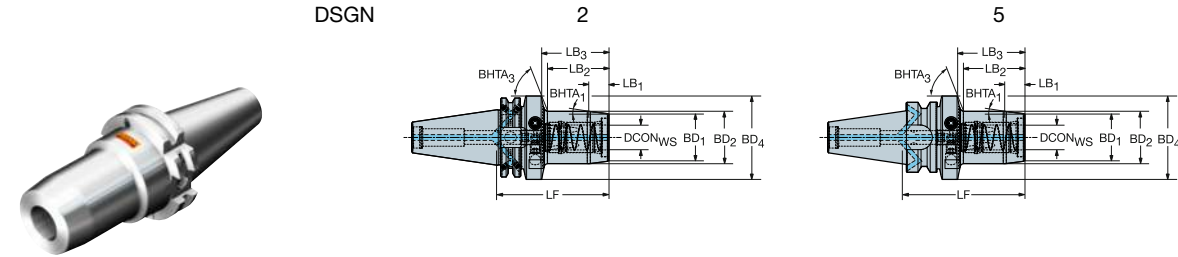
Machine side interface compatible with MAS-BT 403 and JIS B 6339



Metric bore

					Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	 CP BarPSI	 Kg	BBD	RPMX
40	20	7	1	2	930-BB40-HD-20-088	20.0	88.0	61.0	88.0	55.0	63.0	80	1.98	1	18000
					.787	3.465	2.402	3.465	2.165	2.480	1160				
	25	7	1	1	930-BB40-HD-25-094	25.0	94.0	94.0		65.0		80	2.46	1	18000
					.984	3.701	3.701		2.559		1160				
50	20	7	1	2	930-BB50-HD-20-102	20.0	102.0	64.0	102.0	55.0	100.0	80	4.77	1	12000
					.787	4.016	2.520	4.016	2.165	3.937	1160				
	25	7	1	2	930-BB50-HD-25-106	25.0	106.0	68.0	106.0	65.0	100.0	80	5.22	1	12000
					.984	4.173	2.677	4.173	2.559	3.937	1160				
	32	7	1	2	930-BB50-HD-32-096	32.0	96.0	58.0	96.0	76.0	100.0	80	5.36	1	12000
					1.260	3.780	2.283	3.780	2.992	3.937	1160				

Slender design



Metric bore

					Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	CP BarPSI	 Kg	BBD	RPMX
30	12	1	1	5	930-BB30-S-12-085A	12.0	85.0	40.0	63.0	85.0	32.0	40.0	46.0	80	0.90	1	25000
						.472	3.346	1.575	2.480	3.346	1.260	1.575	1.811	1160			
	20	1	1	2	930-BB30-S-20-094A	20.0	94.0	72.0	94.0		42.0	46.0		80	1.08	1	25000
						.787	3.701	2.835	3.701		1.654	1.811		1160			
40	12	7	1	5	930-BB40-S-12-085	12.0	85.0	40.0	58.0	85.0	32.0	50.0	63.0	80	1.45	1	18000
						.472	3.346	1.575	2.283	3.346	1.260	1.969	2.480	1160			
	20	7	1	2	930-BB40-S-20-094	20.0	94.0	51.0	67.0	94.0	42.0	50.0	63.0	80	1.63	1	18000
						.787	3.701	2.008	2.638	3.701	1.654	1.969	2.480	1160			
50	20	7	1	5	930-BB50-S-20-108	20.0	108.0	49.0	70.0	108.0	42.0	50.0	100.0	80	4.40	1	12000
						.787	4.252	1.929	2.756	4.252	1.654	1.969	3.937	1160			

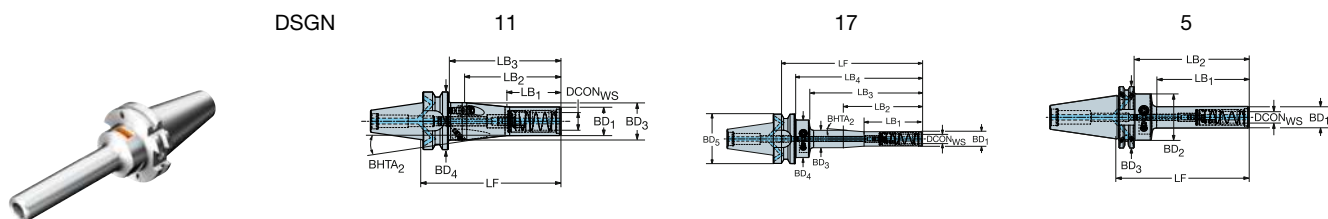
BIG-PLUS® SYSTEM licensed by BIG Daishowa



BIG-PLUS MAS-BT to CoroChuck™ 930

Pencil design

Machine side interface compatible with MAS-BT 403 and JIS B 6339



Metric bore

					Dimensions, mm, inch															
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₂	CP Bar/PSI	Kg	BBD	RPMX
30	6	1	1	5	930-BB30-P-06-088	6.0	88.0	50.0	66.0	88.0		14.5	40.0	46.0		0°	80	0.58	1	25000
						.236	3.465	1.969	2.598	3.465		.571	1.575	1.811			1160			
	12	1	1	5	930-BB30-P-12-103	12.0	103.0	65.0	81.0	103.0		22.0	40.0	46.0		0°	80	0.68	1	25000
						.472	4.055	2.559	3.189	4.055		.866	1.575	1.811			1160			
	12	1	1	5	930-BB30-P-12-138	12.0	138.0	100.0	116.0	138.0		22.0	40.0	46.0		0°	80	0.78	1	25000
						.472	5.433	3.937	4.567	5.433		.866	1.575	1.811			1160			
	12	1	1	17	930-BB30-P-12-188	12.0	188.0	50.0	75.0	150.0	166.0	22.0	22.0	26.0	40.0	4°	80	1.03	1	25000
						.472	7.402	1.969	2.953	5.906	6.535	.866	.866	1.024	1.575		1160			
40	12	7	1	5	930-BB40-P-12-110	12.0	110.0	65.0	83.0	110.0		22.0	40.0	63.0		0°	80	1.31	1	18000
						.472	4.331	2.559	3.268	4.331		.866	1.575	2.480			1160			
	12	7	1	5	930-BB40-P-12-145	12.0	145.0	100.0	118.0	145.0		22.0	40.0	63.0		0°	80	1.41	1	18000
						.472	5.709	3.937	4.646	5.709		.866	1.575	2.480			1160			
	12	7	1	17	930-BB40-P-12-195	12.0	195.0	50.0	75.0	150.0	168.0	22.0	22.0	26.0	40.0	4°	80	1.66	1	18000
						.472	7.677	1.969	2.953	5.906	6.614	.866	.866	1.024	1.575		1160			
	20	7	1	11	930-BB40-P-20-153	20.0	153.0	60.0	108.0	126.0	153.0	32.0	32.0	42.0	63.0	5°	80	1.81	1	18000
						.787	6.024	2.362	4.252	4.961	6.024	1.260	1.260	1.654	2.480		1160			

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P14



P11



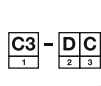
P43



Q1



Q35

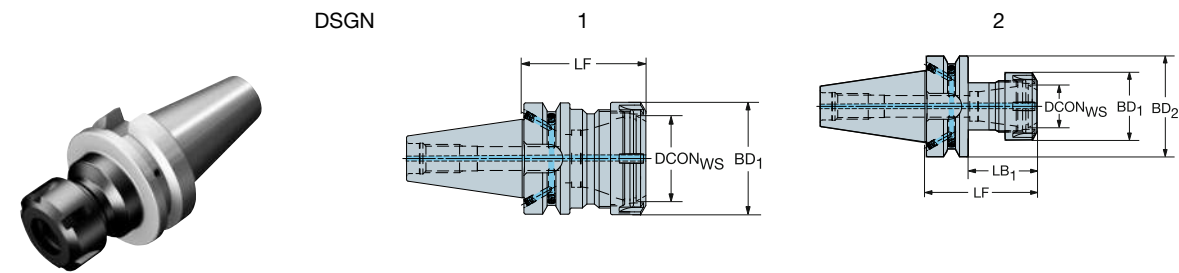


Q32

BIG-PLUS MAS-BT to ER collet chuck

Machine side interface compatible with MAS-BT 403 and JIS B 6339

Workpiece side interface DIN 6499-B



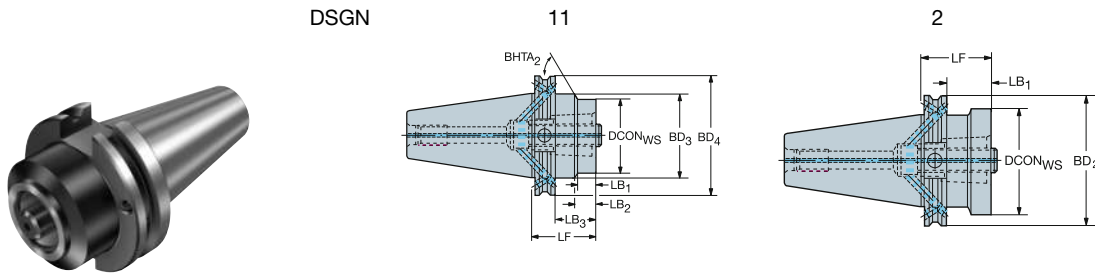
					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	 Kg	
30	ER11	1	1	2	392.55514-3011050	11.4	50.0	28.0	50.0	18.7	46.0	80	0.42	
						.449	1.969	1.102	1.969	.736	1.811	1160		
	ER16	1	1	2	392.55514-3016050	17.0	50.0	28.0	50.0	28.0	46.0	80	0.44	
						.669	1.969	1.102	1.969	1.102	1.811	1160		
	ER20	1	1	2	392.55514-3020052	21.0	52.0	30.0	52.0	33.7	46.0	80	0.47	
						.827	2.047	1.181	2.047	1.327	1.811	1160		
	ER25	1	1	2	392.55514-3025060	26.0	60.0	38.0	60.0	42.0	46.0	80	0.58	
						1.024	2.362	1.496	2.362	1.654	1.811	1160		
	ER32	1	1	1	392.55514-3032060	33.0	60.0	60.0		50.0		80	0.64	
						1.299	2.362	2.362		1.969		1160		
40	ER25	7	1	2	392.55514-4025070	26.0	70.0	43.0	70.0	42.0	63.0	80	1.20	
						1.024	2.756	1.693	2.756	1.654	2.480	1160		
	ER40	7	1	1	392.55514-4040070	41.0	70.0	70.0		63.0		80	1.38	
						1.614	2.756	2.756		2.480		1160		

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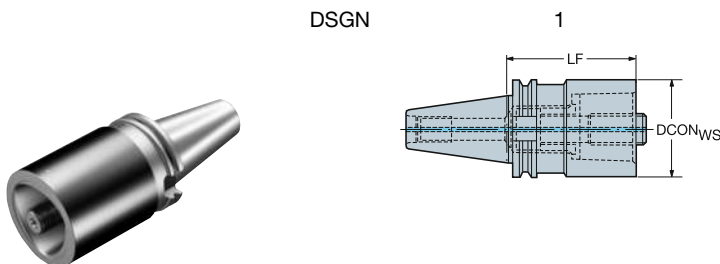
BIG-PLUS CAT-V to Coromant Capto® adapter

Machine side interface ASME B5.50-1985



						Dimensions, mm, inch																		
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₂	Bar/PSI	Kg	BBD					
40	C3	7	1	11	C3-A390.545-40 040A	32.0	40.0	2.7	5.0	21.0	40.0	32.0	32.0	44.5	63.5	70°	80	0.90	1					
						1.260	1.575	.106	.197	.827	1.575	1.260	1.260	1.752	2.500		1160							
	C4	7	1	11	C4-A390.545-40 040A	40.0	40.0	3.6	5.0	20.9	40.0	40.0	40.0	44.7	63.5	60°	80	2.00	1					
						1.575	1.575	.142	.197	.823	1.575	1.575	1.575	1.760	2.500		1160							
	C5	7	1	2	C5-A390.545-40 050A	50.0	50.0	30.9	50.0			50.0	63.5			0°	80	1.00	1					
						1.969	1.969	1.217	1.969			1.969	2.500				1160							
50	C3	7	1	11	C3-A390.545-50 040A	32.0	40.0	1.7	5.0	21.0	40.0	32.0	32.0	69.9	98.4	80°	80	3.10	0					
						1.260	1.575	.067	.197	.827	1.575	1.260	1.260	2.752	3.874		1160							
	C3	7	1	11	C3-A390.545-50 070	32.0	70.0	30.0	35.0	51.0	70.0	32.0	32.0	69.9	98.4	75°	80	3.21	0					
						1.260	2.756	1.181	1.378	2.008	2.756	1.260	1.260	2.752	3.874		1160							
	C4	7	1	11	C4-A390.545-50 040A	40.0	40.0	2.4	5.0	20.9	40.0	40.0	40.0	70.1	98.4	80°	80	3.20	0					
						1.575	1.575	.094	.197	.823	1.575	1.575	1.575	2.760	3.874		1160							
	C4	7	1	11	C4-A390.545-50 070	40.0	70.0	31.0	35.0	50.9	70.0	40.0	40.0	70.1	98.4	75°	80	3.29	0					
						1.575	2.756	1.220	1.378	2.004	2.756	1.575	1.575	2.760	3.874		1160							
	C5	7	1	11	C5-A390.545-50 040A	50.0	40.0	2.4	5.0	20.9	40.0	50.0	50.0	70.1	98.4	75°	80	3.00	0					
						1.969	1.575	.094	.197	.823	1.575	1.969	1.969	2.760	3.874		1160							
	C5	7	1	11	C5-A390.545-50 080	50.0	80.0	42.3	45.0	60.9	80.0	50.0	50.0	70.1	98.4	75°	80	3.51	0					
						1.969	3.150	1.665	1.772	2.398	3.150	1.969	1.969	2.760	3.874		1160							
	C6	7	1	11	C6-A390.545-50 040A	63.0	40.0	3.0	5.0	20.9	40.0	63.0	63.0	70.1	98.4	60°	80	2.90	0					
						2.480	1.575	.118	.197	.823	1.575	2.480	2.480	2.760	3.874		1160							
	C6	7	1	11	C6-A390.545-50 090	63.0	90.0	53.0	55.0	70.9	90.0	63.0	63.0	70.1	98.4	60°	80	3.93	0					
						2.480	3.543	2.087	2.165	2.791	3.543	2.480	2.480	2.760	3.874		1160							
	C8	7	1	2	C8-A390.545-50 100A	80.0	100.0	80.9	100.0			80.0	98.4			0°	80	4.70	0					
						3.150	3.937	3.185	3.937			3.150	3.874				1160							
	C8	7	1	2	C8-A390.545-50 150	80.0	150.0	130.9	150.0			80.0	98.4			0°	80	6.51	0					
						3.150	5.906	5.154	5.906			3.150	3.874				1160							

Machine side interface ASME B5.50-2009



					Dimensions, mm, inch							CP Bar/PSI		Kg	
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	BD ₁						
50	C10	7	1	1	C10-A390.544-50 140	100.0	140.0	140.0	100.0	80	7.81				
						3.937	5.512	5.512	3.937	1160					



P43



P11



Q1

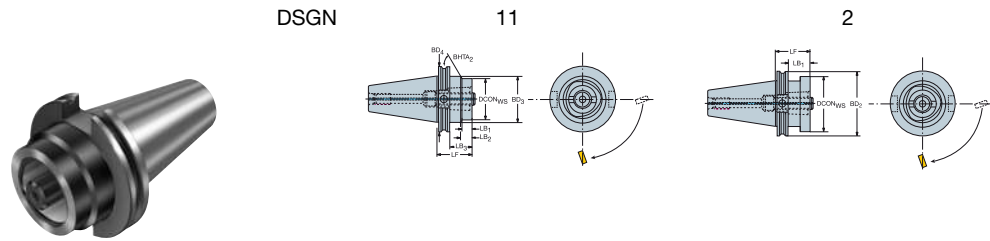


Q35

BIG-PLUS CAT-V to Coromant Capto® adapter

90° rotated polygon for precision tool tip control

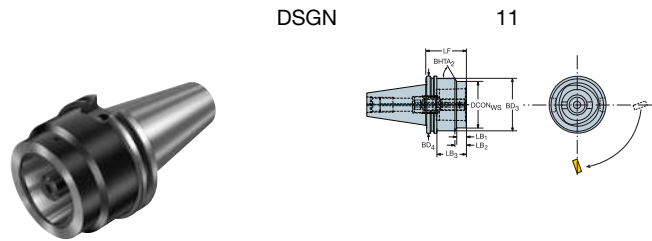
Machine side interface compatible with ASME B5.50-1985



										Dimensions, mm, inch									
CZCMS	CZCWS	CNSC	CXSC	DSGN	Ordering code	DCONWS	LF	LB1	LB2	LB3	LB4	BD1	BD2	BD3	BD4	BHTA2	CP Bar/PSI	kg	BBD
40	C4	1	1	11	C4-A390.546-40 040	40.0	40.0	3.6	5.0	20.9	40.0	40.0	40.0	44.7	63.5	60°	80	2.30	1
						1.575	1.575	.142	.197	.823	1.575	1.575	1.575	1.760	2.500		1160		
	C5	1	1	2	C5-A390.546-40 050	50.0	50.0	30.9	50.0			50.0	63.5			0°	80	1.09	1
						1.969	1.969	1.217	1.969			1.969	2.500				1160		
50	C6	1	1	11	C6-A390.546-50 050	63.0	50.0	13.0	15.0	30.9	50.0	63.0	63.0	70.1	98.4	60°	80	3.22	0
						2.480	1.969	.512	.591	1.217	1.969	2.480	2.480	2.760	3.874		1160		
	C8	1	1	2	C8-A390.546-50 070	80.0	70.0	50.9	70.0			80.0	98.4			0°	80	3.36	0
						3.150	2.756	2.004	2.756			3.150	3.874				1160		

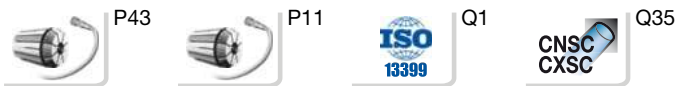
90° rotated polygon for precision tool tip control

Machine side interface heavy-duty version outside the ASME standard



										Dimensions, mm, inch									
CZCMS	CZCWS	CNSC	CXSC	DSGN	Ordering code	DCONWS	LF	LB1	LB2	LB3	LB4	BD1	BD2	BD3	BD4	BHTA2	CP Bar/PSI	kg	BBD
50	C8	1	1	11	C8-A390.547-50 070	80.0	70.0	17.1	20.0	50.9	70.0	80.0	80.0	90.0	98.4	60°	80	3.36	
						3.150	2.756	.673	.787	2.004	2.756	3.150	3.150	3.543	3.874		1160		

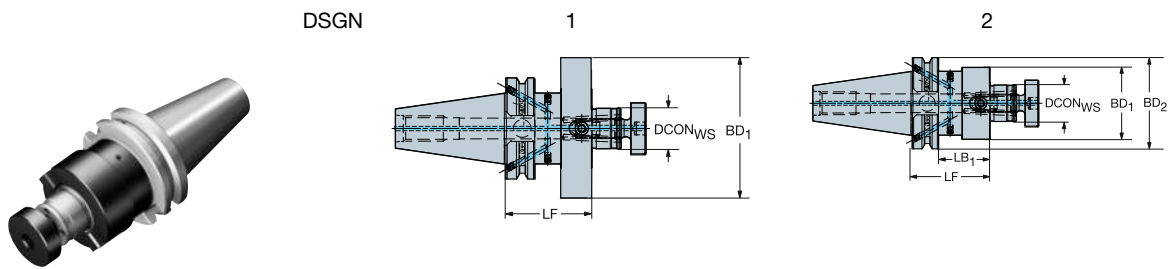
All holders are delivered with a standard screw without hole for coolant.
For cutters with coolant channels a new screw with radial coolant holes is necessary and can be ordered separately.
See page P13.



BIG-PLUS CAT-V to arbor adapter

Coolant through arbor

Machine side interface compatible with ASME B5.50-1985



Inch pilot

					Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DBC	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	 CP Bar/PSI	 Kg	BBD
40	3/4	7	4	2	A392.54505C4019040	19.1	40.0	20.9	40.0	44.5	63.5	80	1.08	1	
						.750	1.575	.823	1.575	1.752	2.500	1160			
	1	7	4	2	A392.54505C4025055	25.4	55.0	35.9	55.0	50.0	63.5	80	1.40	1	
						1.000	2.165	1.413	2.165	1.969	2.500	1160			
	1 1/2	7	4	1	A392.54505C4038060M	66.7	38.1	60.0	60.0	87.0	80	2.37	1		
						2.626	1.500	2.362	2.362	3.425	1160				

Machine side interface compatible with ASME B5.50-2009

Inch pilot

					Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DBC	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	 CP Bar/PSI	 Kg	BBD
50	3/4	7	4	2	A392.54505C5019040	19.1	40.0	20.9	40.0	43.0	98.4	80	2.83	1	
						.750	1.575	.823	1.575	1.693	3.874	1160			
1	7	4	2		A392.54505C5025050	25.4	50.0	30.9	50.0	50.0	98.4	80	2.96	1	
						1.000	1.969	1.217	1.969	1.969	3.874	1160			
1 1/2	7	4	2		A392.54505C5038060	66.7	38.1	60.0	40.9	60.0	87.0	98.4	80	4.15	1
						2.626	1.500	2.362	1.610	2.362	3.425	3.874	1160		

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P12



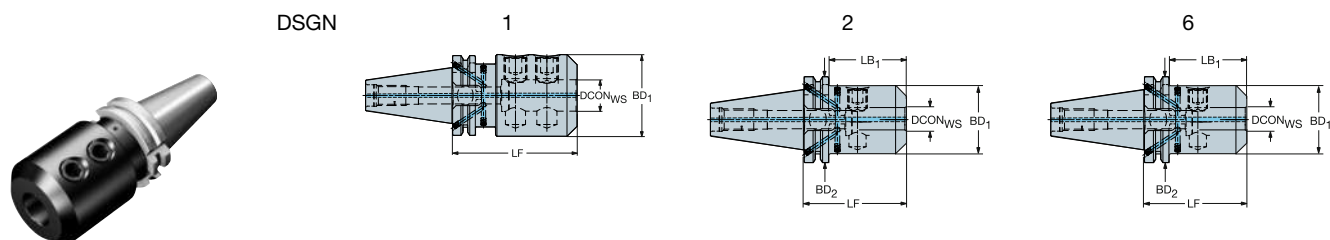
Q1



Q35

BIG-PLUS CAT-V to Weldon / ISO 9766 adapter

Machine side interface compatible with ASME B5.50-1985

**Inch bore**

						Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	BBD
40	3/4	7	1	6	A392.54523-4019065	19.1	65.0	45.9	65.0	44.5	63.5	20	1.08
						.750	2.559	1.807	2.559	1.752	2.500	290	1
	1	7	1	6	A392.54523-4025100	25.4	100.0	80.9	100.0	57.1	63.5	20	2.00
						1.000	3.937	3.185	3.937	2.248	2.500	290	1
	1 1/4	7	1	6	A392.54523-4031100	31.8	100.0	80.9	100.0	63.0	63.5	20	2.12
						1.250	3.937	3.185	3.937	2.480	2.500	290	1

Machine side interface compatible with ASME B5.50-2009**Inch bore**

						Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	BBD
40	5/8	7	1	2	A392.54523-4015060	15.9	60.0	40.9	60.0	41.0	63.5	20	1.28
						.625	2.362	1.610	2.362	1.614	2.500	290	1
	1 1/2	7	1	1	A392.54523-4038105	38.1	105.0	105.0		70.0		20	2.54
						1.500	4.134	4.134		2.756		290	1
50	1	7	1	2	A392.54523-5025085	25.4	85.0	65.9	85.0	57.1	98.4	20	3.57
						1.000	3.346	2.594	3.346	2.248	3.874	290	1
	1 1/4	7	1	2	A392.54523-5031085	31.8	85.0	65.9	85.0	63.0	98.4	20	3.70
						1.250	3.346	2.594	3.346	2.480	3.874	290	1
	1 1/2	7	1	2	A392.54523-5038090	38.1	90.0	70.9	90.0	70.0	98.4	20	4.00
						1.500	3.543	2.791	3.543	2.756	3.874	290	1

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P12



Q1

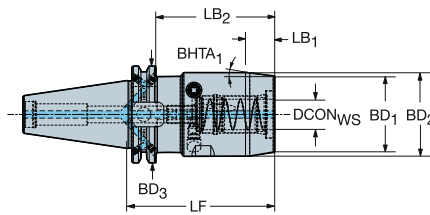


Q35

BIG-PLUS CAT-V to CoroChuck™ 930

Heavy-duty design

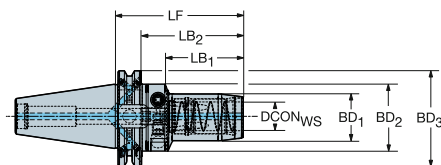
Machine side interface compatible with ASME B5.50-2009



Metric bore

						Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP Bar/PSI	Kg	BBD	RPMX		
40	20	7	1	2	930-VB40-HD-20-082	20.0 .787	82.0 3.228	62.9 2.476	82.0 3.228	55.0 2.165	63.5 2.500	80	1.87	1	18000		
	25	7	1	1	930-VB40-HD-25-101	25.0 .984	101.0 3.976	101.0 3.976		65.0 2.559		80	2.64	1	18000		
50	20	7	1	2	930-VB50-HD-20-083	20.0 .787	83.0 3.268	63.9 2.516	83.0 3.268	55.0 2.165	98.4 3.874	80	3.73	1	12000		
	25	7	1	2	930-VB50-HD-25-087	25.0 .984	87.0 3.425	67.9 2.673	87.0 3.425	65.0 2.559	98.4 3.874	80	4.18	1	12000		
	32	7	1	2	930-VB50-HD-32-077	32.0 1.260	77.0 3.032	57.9 2.280	77.0 3.032	76.0 2.992	98.4 3.874	80	4.32	1	12000		

Slender design



Metric bore

						Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	CP Bar/PSI	Kg	BBD	RPMX
40	12	7	1	5	930-VB40-S-12-080	12.0 .472	80.0 3.150	40.0 1.575	60.9 2.398	80.0 3.150	32.0 1.260	50.0 1.969	63.5 2.500	80	1.34	1	18000
	20	7	1	5	930-VB40-S-20-090	20.0 .787	90.0 3.543	51.0 2.008	80.9 3.185	90.0 3.543	42.0 1.654	50.0 1.969	63.5 2.500	80	1.54	1	18000
50	20	7	1	5	930-VB50-S-20-089	20.0 .787	89.0 3.504	51.0 2.008	79.9 3.146	89.0 3.504	42.0 1.654	50.0 1.969	98.4 3.874	80	3.36	1	12000

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P14



P12



P43



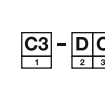
Q5



Q1



Q35

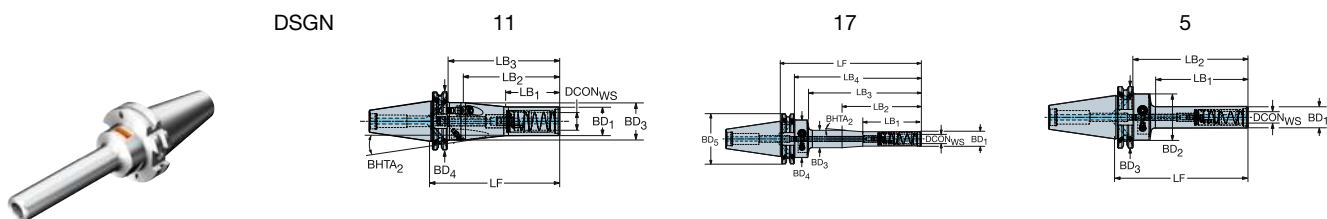


Q32

BIG-PLUS CAT-V to CoroChuck™ 930

Pencil design

Machine side interface compatible with ASME B5.50-2009



Metric bore

					Dimensions, mm, inch													 			
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₂	Bar/PSI	BBD	RPMX		
40	12	7	1	5	930-VB40-P-12-103	12.0	103.0	65.0	83.9	103.0		22.0	40.0	63.5		0°	80	1.17	1	18000	
						.472	4.055	2.559	3.303	4.055		.866	1.575	2.500			1160				
	12	7	1	5	930-VB40-P-12-138	12.0	138.0	100.0	118.9	138.0		22.0	40.0	63.5		0°	80	1.27	1	18000	
						.472	5.433	3.937	4.681	5.433		.866	1.575	2.500			1160				
	12	7	1	17	930-VB40-P-12-188	12.0	188.0	50.0	75.0	150.0	168.9	22.0	22.0	26.0	40.0	4°	80	1.52	1	18000	
						.472	7.402	1.969	2.953	5.906	6.650	.866	.866	1.024	1.575		1160				
	20	7	1	11	930-VB40-P-20-145	20.0	145.0	60.0	108.0	125.9	145.0	32.0	32.0	42.0	63.5	5°	80	1.66	1	18000	
						.787	5.709	2.362	4.252	4.957	5.709	1.260	1.260	1.654	2.500		1160				

BIG-PLUS® SYSTEM licensed by BIG Daishowa



P14



P12



P43



Q1

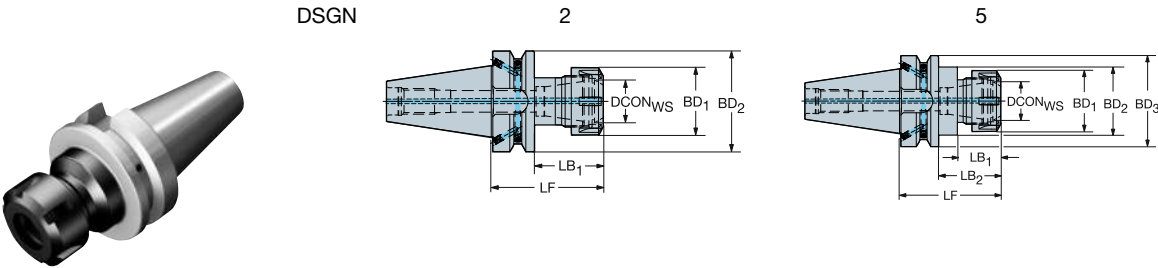


Q35



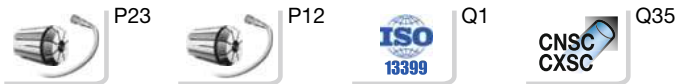
Q32

BIG-PLUS CAT-V to ER collet chuck
Machine side interface compatible with ASME B5.50-1985
Workpiece side interface DIN 6499-B



					Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	CP BarPSI	Kg
40	ER25	7	1	5	A392.54514-4025070	26.0	70.0	35.0	50.9	70.0	42.0	44.4	63.5	80	1.08
						1.024	2.756	1.378	2.004	2.756	1.654	1.748	2.500	1160	
	ER40	7	1	2	A392.54514-4040075	41.0	75.0	55.9	75.0		63.0	63.5		80	1.36
						1.614	2.953	2.201	2.953		2.480	2.500		1160	

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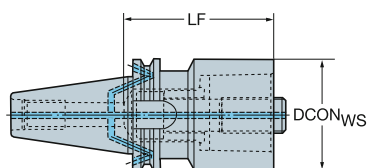
ISO 7388-1 to Coromant Capto® adapter

Machine side interface compatible with DIN 69871-ADB

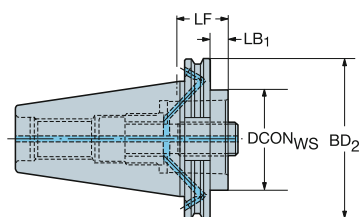
DSGN



1



2



					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	Kg	BBD
40	C3	7	1	2	C3-390B.140-40 030	32.0	30.0	10.9	30.0	32.0	63.5	80	0.83	1
						1.260	1.181	.429	1.181	1.260	2.500	1160		
	C3	7	1	2	C3-390B.140-40 060	32.0	60.0	40.9	60.0	32.0	63.5	80	0.98	1
						1.260	2.362	1.610	2.362	1.260	2.500	1160		
	C4	7	1	2	C4-390B.140-40 030	40.0	30.0	10.9	30.0	40.0	63.5	80	0.82	1
						1.575	1.181	.429	1.181	1.575	2.500	1160		
	C4	7	1	2	C4-390B.140-40 060	40.0	60.0	40.9	60.0	40.0	63.5	80	1.08	1
						1.575	2.362	1.610	2.362	1.575	2.500	1160		
	C5	7	1	2	C5-390B.140-40 040	50.0	40.0	20.9	40.0	50.0	63.5	80	0.92	1
						1.969	1.575	.823	1.575	1.969	2.500	1160		
	C5	7	1	2	C5-390B.140-40 080	50.0	80.0	60.9	80.0	50.0	63.5	80	1.50	1
						1.969	3.150	2.398	3.150	1.969	2.500	1160		
	C6	7	1	2	C6-390B.140-40 085	63.0	85.0	65.9	85.0	63.0	63.5	80	1.81	1
						2.480	3.346	2.594	3.346	2.480	2.500	1160		
50	C3	7	1	2	C3-390B.140-50 030	32.0	30.0	10.9	30.0	32.0	97.5	80	2.62	1
						1.260	1.181	.429	1.181	1.260	3.839	1160		
	C3	7	1	2	C3-390B.140-50 060	32.0	60.0	40.9	60.0	32.0	97.5	80	2.73	1
						1.260	2.362	1.610	2.362	1.260	3.839	1160		
	C4	7	1	2	C4-390B.140-50 030	40.0	30.0	10.9	30.0	40.0	97.5	80	2.62	1
						1.575	1.181	.429	1.181	1.575	3.839	1160		
	C4	7	1	2	C4-390B.140-50 060	40.0	60.0	40.9	60.0	40.0	97.5	80	2.84	1
						1.575	2.362	1.610	2.362	1.575	3.839	1160		
	C5	7	1	2	C5-390B.140-50 030	50.0	30.0	10.9	30.0	50.0	97.5	80	2.62	1
						1.969	1.181	.429	1.181	1.969	3.839	1160		
	C5	7	1	2	C5-390B.140-50 070	50.0	70.0	50.9	70.0	50.0	97.5	80	3.10	1
						1.969	2.756	2.004	2.756	1.969	3.839	1160		
	C6	7	1	2	C6-390B.140-50 030	63.0	30.0	10.9	30.0	63.0	97.5	80	2.50	1
						2.480	1.181	.429	1.181	2.480	3.839	1160		
	C6	7	1	2	C6-390B.140-50 080	63.0	80.0	60.9	80.0	63.0	97.5	80	3.60	1
						2.480	3.150	2.398	3.150	2.480	3.839	1160		
	C8	7	1	2	C8-390B.140-50 070	80.0	70.0	50.9	70.0	80.0	97.5	80	3.74	1
						3.150	2.756	2.004	2.756	3.150	3.839	1160		
	C8	7	1	2	C8-390B.140-50 120	80.0	120.0	100.9	120.0	80.0	97.5	80	5.57	1
						3.150	4.724	3.972	4.724	3.150	3.839	1160		
	C10	7	1	1	C10-390B.140-50 140	100.0	140.0	140.0		100.0		80	7.63	0
						3.937	5.512	5.512		3.937		1160		
60	C8	1	1	2	C8-390.140-60 120	80.0	120.0	100.9	120.0	80.0	155.0	80	12.11	0
						3.150	4.724	3.972	4.724	3.150	6.102	1160		
	C10	1	1	2	C10-390.140-60 050	100.0	50.0	30.9	50.0	100.0	155.0	80	5.50	0
						3.937	1.969	1.217	1.969	3.937	6.102	1160		



P13



P11



Q1



Q35

ISO 7388-1 to Coromant EH adapter

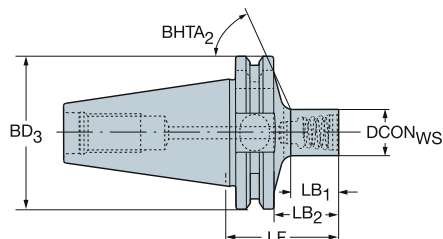
Short design

Machine side interface compatible with DIN 69871-AD



DSGN

7



Metric version

					Dimensions, mm, inch																
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₂	CP Bar/PSI	Kg	BBD	RPMX			
40	E10	1	1	7	392.140EH-40 10 041	9.6	41.0	12.7	21.9	41.0	9.6	9.6	63.5	65°	80	0.86	1	18000			
	E12	1	1	7	392.140EH-40 12 044	.378	1.614	.500	.862	1.614	.378	.378	2.500	65°	1160						
	E16	1	1	7	392.140EH-40 16 049	11.6	44.0	16.0	24.9	44.0	11.6	11.6	63.5	65°	80	0.86	1	18000			
	E20	1	1	7	392.140EH-40 20 046	.457	1.732	.630	.980	1.732	.457	.457	2.500	65°	1160						
	E25	1	1	7	392.140EH-40 25 051	15.4	49.0	21.5	29.9	49.0	15.4	15.4	63.5	65°	80	0.88	1	18000			
						.606	1.929	.846	1.177	1.929	.606	.606	2.500	63°	1160						
						19.2	46.0	19.0	27.0	46.0	19.2	19.2	63.5	61°	80	0.92	1	18000			
						.756	1.811	.748	1.063	1.811	.756	.756	2.500		1160						
						24.1	51.0	24.6	31.9	51.0	24.1	24.1	63.5		80						
						.949	2.008	.969	1.256	2.008	.949	.949	2.500		1160						

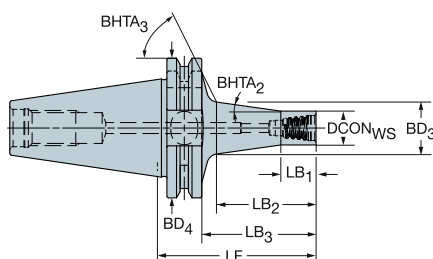
Long design

Machine side interface compatible with DIN 69871-AD



DSGN

15



Metric version

					Dimensions, mm, inch																		
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₂	Bar/PSI	Kg	BBD	RPMX			
40	E10	1	1	15	392.140EH-40 10 055	9.6	55.0	10.0	28.1	35.9	55.0	9.6	9.6	14.7	63.5	8°	80	0.88	1	18000			
	E12	1	1	15	392.140EH-40 12 060	.378	2.165	.394	1.106	1.413	2.165	.378	.378	.579	2.500	8°	1160	0.89	1	18000			
	E16	1	1	15	392.140EH-40 16 071	11.6	60.0	12.0	33.5	40.9	60.0	11.6	11.6	17.6	63.5	8°	80	0.94	1	18000			
	E20	1	1	15	392.140EH-40 20 084	.457	2.362	.472	1.319	1.610	2.362	.457	.457	.693	2.500	8°	1160	1.03	1	18000			
	E25	1	1	15	392.140EH-40 25 100	15.4	71.0	16.0	45.3	51.9	71.0	15.4	15.4	23.6	63.5	8°	1160	1.23	1	18000			
						.606	2.795	.630	1.783	2.043	2.795	.606	.606	.929	2.500								
						19.2	84.0	20.0	59.1	64.9	84.0	19.2	19.2	30.2	63.5								
						.756	3.307	.787	2.327	2.555	3.307	.756	.756	1.189	2.500								
						24.1	100.0	25.0	76.2	80.9	100.0	24.1	24.1	38.5	63.5								
						.949	3.937	.984	3.000	3.185	3.937	.949	.949	1.516	2.500								



P11



Q1



Q35

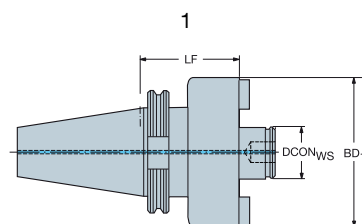
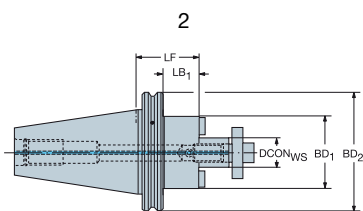


Q30

ISO 7388-1 to arbor adapter

Machine side interface compatible with DIN 69871-ADB

DSGN



Metric pilot

					Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DBC	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	 Kg	BBD
40	16	7	1	2	A1B05-40 16 035		16.0	35.0	15.9	35.0	36.0	63.6	80	0.80	1
	16	7	1	2	A1B05-40 16 100		.630	1.378	.626	1.378	1.417	2.502	1160		
							16.0	100.0	80.9	100.0	36.0	63.6	80	1.60	1
							.630	3.937	3.185	3.937	1.417	2.502	1160		
22	7	1	2	2	A1B05-40 22 035		22.0	35.0	15.9	35.0	48.0	63.6	80	0.80	1
							.866	1.378	.626	1.378	1.890	2.502	1160		
22	7	1	2	2	A1B05-40 22 100		22.0	100.0	80.9	100.0	48.0	63.6	80	1.60	1
							.866	3.937	3.185	3.937	1.890	2.502	1160		
27	7	1	2	2	A1B05-40 27 035		27.0	35.0	15.9	35.0	48.0	63.6	80	1.05	1
							1.063	1.378	.626	1.378	1.890	2.502	1160		
27	7	1	2	2	A1B05-40 27 100		27.0	100.0	80.9	100.0	60.0	63.6	80	2.13	1
							1.063	3.937	3.185	3.937	2.362	2.502	1160		
32	7	1	1	1	A1B05-40 32 050		32.0	50.0	50.0		78.0		80	1.60	1
							1.260	1.969	1.969		3.071		1160		
50	22	7	1	2	A1B05-50 22 035		22.0	35.0	15.9	35.0	48.0	97.5	80	2.13	1
							.866	1.378	.626	1.378	1.890	3.839	1160		
22	7	1	2	2	A1B05-50 22 100		22.0	100.0	65.9	100.0	48.0	97.5	80	2.99	1
							.866	3.937	2.594	3.937	1.890	3.839	1160		
27	7	1	2	2	A1B05-50 27 035		27.0	35.0	15.9	35.0	60.0	97.5	80	2.99	1
							1.063	1.378	.626	1.378	2.362	3.839	1160		
27	7	1	2	2	A1B05-50 27 100		27.0	100.0	80.9	100.0	60.0	97.5	80	2.99	1
							1.063	3.937	3.185	3.937	2.362	3.839	1160		
32	7	1	2	2	A1B05-50 32 035		32.0	35.0	15.9	35.0	78.0	97.5	80	2.99	1
							1.260	1.378	.626	1.378	3.071	3.839	1160		
32	7	1	2	2	A1B05-50 32 100		32.0	100.0	80.9	100.0	78.0	97.5	80	4.70	1
							1.260	3.937	3.185	3.937	3.071	3.839	1160		
40S	7	1	2	2	A1B05-50 40 050	66.7	40.0	50.0	30.9	50.0	89.0	97.5	80	3.00	1
						2.626	1.575	1.969	1.217	1.969	3.504	3.839	1160		
60	7	1	1	1	A1F05-50 60 070	101.6	60.0	70.0	70.0		127.0		80	5.60	1
						4.000	2.362	2.756	2.756		5.000		1160		

All holders are delivered with a standard screw without hole for coolant.

For cutters with coolant channels a new screw with radial coolant holes is necessary and can be ordered separately.

See page P13.



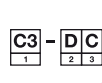
P11



Q1



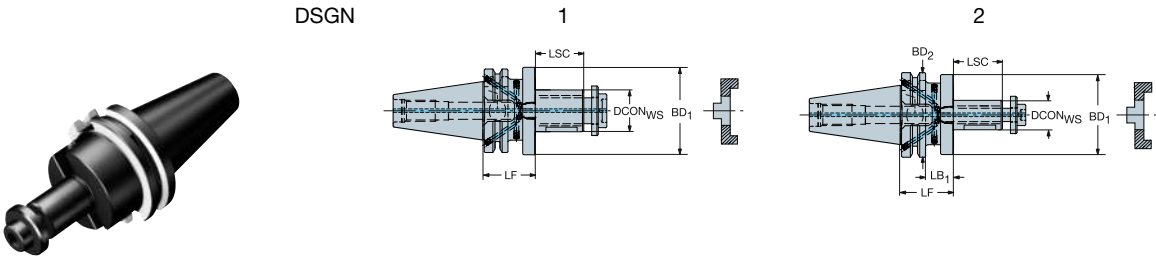
Q35



Q31

ISO 7388-1 to side and face-mill arbor adapter

Machine side interface compatible with DIN 69871-ADB



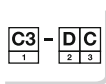
Metric pilot

						Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LSC	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP Bar/PSI	kg	BBD
40	22	7	1	2	A1B08-40 22 055	22.0	31	43.0	19.9	43.0	40.0	63.5	80	1.25	1
						.866	1.220	1.693	.783	1.693	1.575	2.500	1160		
	27	7	1	2	A1B08-40 27 055	27.0	33	43.0	22.9	43.0	48.0	63.5	80	1.44	1
						1.063	1.299	1.693	.902	1.693	1.890	2.500	1160		
	32	7	1	2	A1B08-40 32 060	32.0	37	46.0	26.9	46.0	58.0	63.5	80	1.75	1
						1.260	1.457	1.811	1.059	1.811	2.283	2.500	1160		
	40	7	1	1	A1B08-40 40 060	40.0	41	46.0	60.0		70.0		80	2.14	1
						1.575	1.614	1.811	2.362		2.756		1160		

 P11

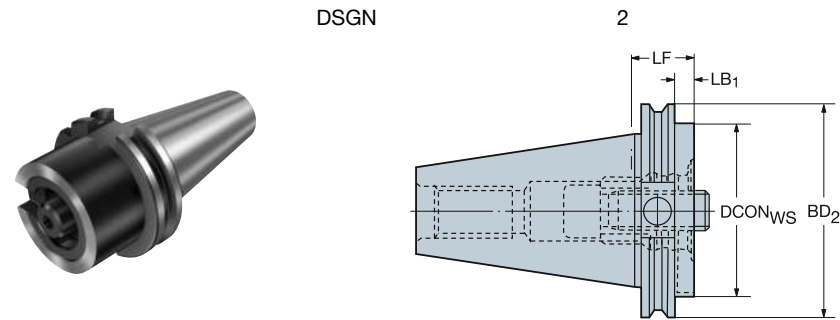
 Q1

 Q35

 Q31

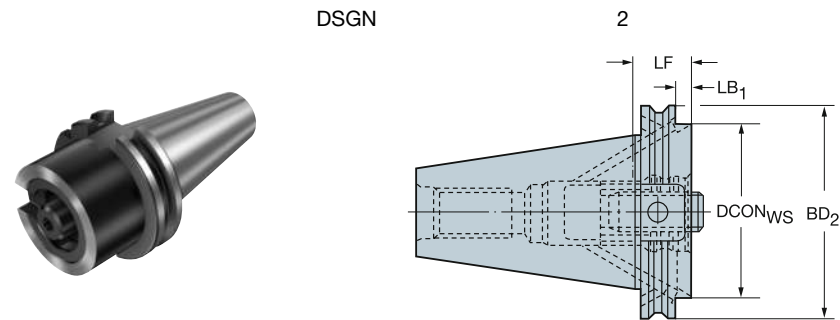
ISO 7388-1 to VL adapter

Machine side interface compatible with DIN 69871-AD

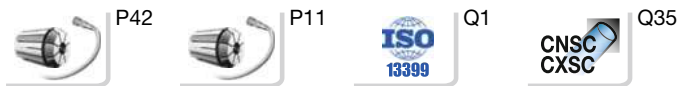


						Dimensions, mm, inch						CP BarPSI	Kg
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂		
50	80	1	1	2	390.140-50 80 027	80.0	27.0	7.9	27.0	80.0	97.5	20	2.80
						3.150	1.063	.311	1.063	3.150	3.839	290	

Machine side interface compatible with DIN 69871-B



						Dimensions, mm, inch						CP BarPSI	Kg
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂		
50	80	6	1	2	390.272-50 80 027	80.0	27.0	7.9	27.0	80.0	97.5	20	4.25
						3.150	1.063	.311	1.063	3.150	3.839	290	



ISO 7388-1 to Weldon adapter

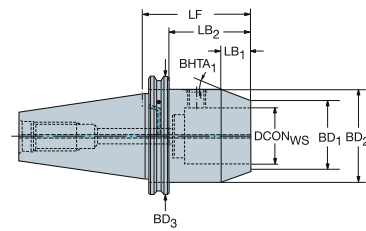
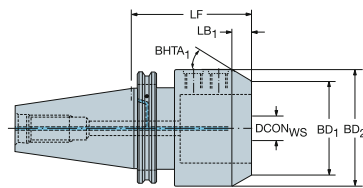
Machine side interface compatible with DIN 69871-ADB

Workpiece side interface DIN 6535-HB and DIN 1835-B

DSGN

3

6



Metric bore

					Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁	CP BarPSI	kg	BBD
40	6	7	1	6	A1B20-40 06 050	6.0	50.0	11.0	30.9	50.0	12.1	25.0	63.5	30°	20	0.80	1
	6	7	1	6	A1B20-40 06 100	.236	1.969	.433	1.217	1.969	.476	.984	2.502	290			
	6	7	1	6		6.0	100.0	11.0	80.9	100.0	12.1	25.0	63.5	30°	20	0.80	1
	6	7	1	6		.236	3.937	.433	3.185	3.937	.476	.984	2.502	290			
	8	7	1	6	A1B20-40 08 050	8.0	50.0	11.0	30.9	50.0	15.1	28.0	63.5	30°	20	0.80	1
	8	7	1	6		.315	1.969	.433	1.217	1.969	.594	1.102	2.502	290			
	8	7	1	6	A1B20-40 08 100	8.0	100.0	11.0	80.9	100.0	15.1	28.0	63.5	30°	20	1.05	1
	8	7	1	6		.315	3.937	.433	3.185	3.937	.594	1.102	2.502	290			
	10	7	1	6	A1B20-40 10 050	10.0	50.0	13.0	30.9	50.0	19.8	35.0	63.5	30°	20	0.80	1
	10	7	1	6		.394	1.969	.512	1.217	1.969	.780	1.378	2.502	290			
	10	7	1	6	A1B20-40 10 100	10.0	100.0	13.0	80.9	100.0	19.8	35.0	63.5	30°	20	1.29	1
	10	7	1	6		.394	3.937	.512	3.185	3.937	.780	1.378	2.502	290			
	12	7	1	6	A1B20-40 12 050	12.0	50.0	13.0	30.9	50.0	26.8	42.0	63.5	30°	20	0.80	1
	12	7	1	6		.472	1.969	.512	1.217	1.969	1.055	1.654	2.502	290			
	12	7	1	6	A1B20-40 12 100	12.0	100.0	13.0	80.9	100.0	26.8	42.0	63.5	30°	20	1.60	1
	12	7	1	6		.472	3.937	.512	3.185	3.937	1.055	1.654	2.502	290			
	16	7	1	6	A1B20-40 16 063	16.0	63.0	13.0	43.9	63.0	32.8	48.0	63.5	30°	20	0.80	1
	16	7	1	6		.630	2.480	.512	1.728	2.480	1.291	1.890	2.502	290			
	16	7	1	6	A1B20-40 16 100	16.0	100.0	13.0	80.9	100.0	32.8	48.0	63.5	30°	20	1.60	1
	16	7	1	6		.630	3.937	.512	3.185	3.937	1.291	1.890	2.502	290			
	18	7	1	6	A1B20-40 18 063	18.0	63.0	13.0	43.9	63.0	32.8	48.0	63.5	30°	20	1.05	1
	18	7	1	6		.709	2.480	.512	1.728	2.480	1.291	1.890	2.502	290			
	18	7	1	6	A1B20-40 18 100	18.0	100.0	13.0	80.9	100.0	32.8	48.0	63.5	30°	20	1.60	1
	18	7	1	6		.709	3.937	.512	3.185	3.937	1.291	1.890	2.502	290			
	20	7	1	6	A1B20-40 20 063	20.0	63.0	13.0	43.9	63.0	36.8	52.0	63.5	30°	20	1.29	1
	20	7	1	6		.787	2.480	.512	1.728	2.480	1.449	2.047	2.502	290			
	20	7	1	6	A1B20-40 20 100	20.0	100.0	13.0	80.9	100.0	36.8	52.0	63.5	30°	20	1.60	1
	20	7	1	6		.787	3.937	.512	3.185	3.937	1.449	2.047	2.502	290			
	25	7	1	3	A1B20-40 25 100	25.0	100.0	13.0	100.0		49.8	65.0		30°	20	2.12	1
	25	7	1	3		.984	3.937	.512	3.937		1.961	2.559		290			
	32	7	1	3	A1B20-40 32 100	32.0	100.0	12.0	100.0		58.0	72.0		30°	20	2.12	1
	32	7	1	3		1.260	3.937	.472	3.937		2.283	2.835		290			



P11



Q1



Q35



Q31

ISO 7388-1 to Weldon adapter

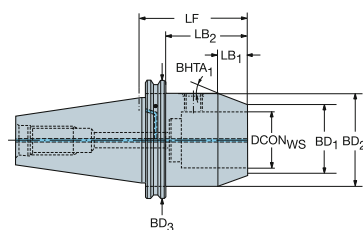
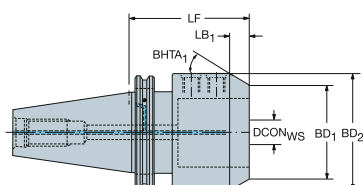
Machine side interface compatible with DIN 69871-ADB

Workpiece side interface DIN 6535-HB and DIN 1835-B

DSGN

3

6



Metric bore

					Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁	CP BarPSI	kg	BBD
50	6	7	1	6	A1B20-50 06 063	6.0	63.0	11.0	43.9	63.0	12.1	25.0	97.4	30°	20	2.13	1
						.236	2.480	.433	1.728	2.480	.476	.984	3.837		290		
	8	7	1	6	A1B20-50 08 063	8.0	63.0	11.0	43.9	63.0	15.1	28.0	97.4	30°	20	2.13	1
						.315	2.480	.433	1.728	2.480	.594	1.102	3.837		290		
	10	7	1	6	A1B20-50 10 063	10.0	63.0	13.0	43.9	63.0	19.8	35.0	97.4	30°	20	2.13	1
						.394	2.480	.512	1.728	2.480	.780	1.378	3.837		290		
	12	7	1	6	A1B20-50 12 063	12.0	63.0	13.0	43.9	63.0	26.8	42.0	97.4	30°	20	3.00	1
						.472	2.480	.512	1.728	2.480	1.055	1.654	3.837		290		
	16	7	1	6	A1B20-50 16 063	16.0	63.0	13.0	43.9	63.0	32.8	48.0	97.4	30°	20	3.00	1
						.630	2.480	.512	1.728	2.480	1.291	1.890	3.837		290		
	18	7	1	6	A1B20-50 18 063	18.0	63.0	13.0	43.9	63.0	32.8	48.0	97.4	30°	20	3.00	1
						.709	2.480	.512	1.728	2.480	1.291	1.890	3.837		290		
	20	7	1	6	A1B20-50 20 063	20.0	63.0	13.0	43.9	63.0	36.8	52.0	97.4	30°	20	3.00	1
						.787	2.480	.512	1.728	2.480	1.449	2.047	3.837		290		
	20	7	1	6	A1B20-50 20 100	20.0	100.0	13.0	80.9	100.0	36.8	52.0	97.4	30°	20	3.00	1
						.787	3.937	.512	3.185	3.937	1.449	2.047	3.837		290		
	25	7	1	6	A1B20-50 25 080	25.0	80.0	13.0	60.9	80.0	49.8	65.0	97.4	30°	20	3.00	1
						.984	3.150	.512	2.398	3.150	1.961	2.559	3.837		290		
	25	7	1	6	A1B20-50 25 100	25.0	100.0	13.0	80.9	100.0	49.8	65.0	97.4	30°	20	3.00	1
						.984	3.937	.512	3.185	3.937	1.961	2.559	3.837		290		
	32	7	1	6	A1B20-50 32 100	32.0	100.0	12.0	80.9	100.0	58.0	72.0	97.4	30°	20	3.00	1
						1.260	3.937	.472	3.185	3.937	2.283	2.835	3.837		290		
	32	7	1	6	A1B20-50 32 160	32.0	160.0	12.0	140.9	160.0	58.0	72.0	97.4	30°	20	4.70	1
						1.260	6.299	.472	5.547	6.299	2.283	2.835	3.837		290		
	40	7	1	6	A1B20-50 40 120	40.0	120.0	15.0	100.9	120.0	60.5	78.0	97.4	30°	20	4.70	1
						1.575	4.724	.591	3.972	4.724	2.382	3.071	3.837		290		



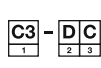
P11



Q1



Q35



Q31

ISO 7388-1 to Weldon adapter

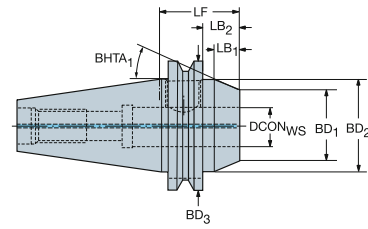
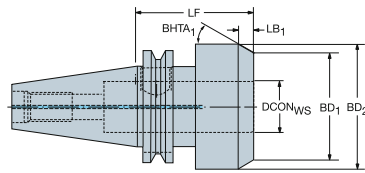
Short design

Machine side interface compatible with DIN 69871-AD

DSGN

3

6



Metric bore

					Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁	CP 	BarPSI 	BBD	
40	16	1	1	6	A1X20-40 16 035	16.0	35.0	13.0	14.9	35.0	32.8	48.0	63.5	30°	20	0.70	1	
						.630	1.378	.512	.587	1.378	1.291	1.890	2.502		290			
18	1	1	1	6	A1X20-40 18 035	18.0	35.0	13.0	14.9	35.0	32.8	48.0	63.5	30°	20	0.84	1	
						.709	1.378	.512	.587	1.378	1.291	1.890	2.502		290			
20	1	1	1	6	A1X20-40 20 040	20.0	40.0	13.0	20.9	40.0	34.6	52.0	63.5	30°	20	0.84	1	
						.787	1.575	.512	.823	1.575	1.362	2.047	2.502		290			
25	1	1	1	6	A1X20-40 25 060	25.0	60.0	10.0	40.9	60.0	41.9	62.0	63.5	45°	20	1.30	1	
						.984	2.362	.394	1.610	2.362	1.650	2.441	2.502		290			
32	1	1	1	3	A1X20-40 32 070	32.0	70.0	10.0	70.0		60.1	72.0		30°	20	1.65	1	
						1.260	2.756	.394	2.756		2.366	2.835			290			



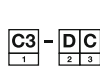
P11



Q1

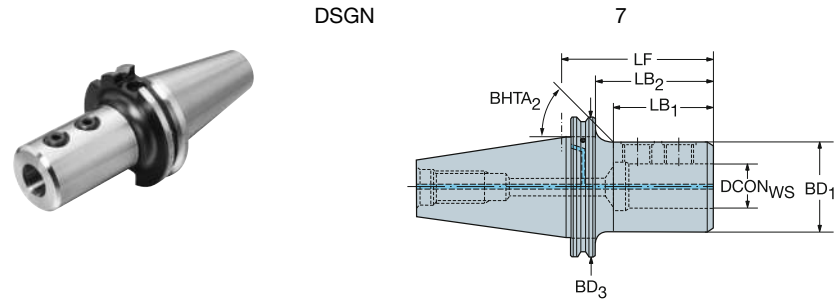


Q35



Q31

ISO 7388-1 to ISO 9766 adapter
Machine side interface compatible with DIN 69871-ADB



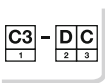
Metric bore

					Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₂			BBD	
40	16	7	1	7	A1B27-40 16 080	16.0	80.0	55.9	60.9	80.0	36.0	36.0	63.5	45°	20	1.05	1	
						.630	3.150	2.201	2.398	3.150	1.417	1.417	2.502		290			
	20	7	1	7	A1B27-40 20 080	20.0	80.0	55.9	60.9	80.0	40.0	40.0	63.5	45°	20	1.05	1	
						.787	3.150	2.201	2.398	3.150	1.575	1.575	2.502		290			
	25	7	1	7	A1B27-40 25 085	25.0	85.0	63.4	65.9	85.0	45.0	45.0	63.5	45°	20	1.30	1	
						.984	3.346	2.496	2.594	3.346	1.772	1.772	2.502		290			
	32	7	1	7	A1B27-40 32 090	32.0	90.0	65.9	70.9	90.0	52.0	52.0	63.5	45°	20	1.30	1	
						1.260	3.543	2.594	2.791	3.543	2.047	2.047	2.502		290			
50	16	7	1	7	A1B27-50 16 080	16.0	80.0	46.4	60.9	80.0	36.0	36.0	97.4	45°	20	3.00	1	
						.630	3.150	1.827	2.398	3.150	1.417	1.417	3.837		290			
	20	7	1	7	A1B27-50 20 080	20.0	80.0	51.4	65.9	80.0	45.0	45.0	97.4	45°	20	3.00	1	
						.787	3.150	2.024	2.594	3.150	1.772	1.772	3.837		290			
	25	7	1	7	A1B27-50 25 085	25.0	85.0	51.4	65.9	85.0	45.0	45.0	97.4	45°	20	3.00	1	
						.984	3.346	2.024	2.594	3.346	1.772	1.772	3.837		290			
	32	7	1	7	A1B27-50 32 090	32.0	90.0	58.4	70.9	90.0	45.0	45.0	97.4	45°	20	3.00	1	
						1.260	3.543	2.299	2.791	3.543	1.772	1.772	3.837		290			
	40	7	1	7	A1B27-50 40 090	40.0	90.0	68.9	70.2	90.0	76.0	76.0	97.4	45°	20	3.20	1	
						1.575	3.543	2.713	2.764	3.543	2.992	2.992	3.837		290			
	50	7	1	7	A1B27-50 50 100	50.0	100.0	78.9	80.2	100.0	76.0	76.0	97.4	45°	20	3.20	1	
						1.969	3.937	3.106	3.157	3.937	2.992	2.992	3.837		290			

P11

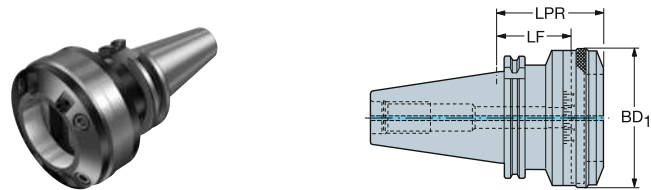
Q1

Q35

Q31

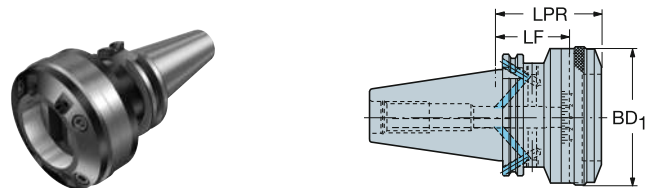
ISO 7388-1 to ISO 9766 adjustable adapter

Machine side interface compatible with DIN 69871-AD

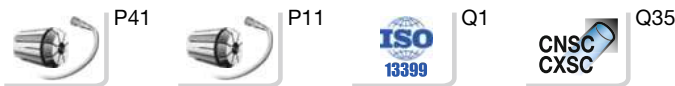


				Dimensions, mm, inch					
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{WS}	LF	LB ₁	BD ₁	CP Bar/PSI Kg
40	1	1	1	392.140277-40 01 055A	78.0	55.0	79.6	86.0	20 2.80
					3.071	2.165	3.134	3.386	290
50	2	1	1	392.140277-50 02 055A	98.0	55.0	79.6	106.0	20 13.80
					3.858	2.165	3.134	4.173	290
	3	1	1	392.140277-50 03 075A	136.0	75.0	85.0	140.0	20 13.80
					5.354	2.953	3.346	5.512	290

Machine side interface compatible with DIN 69871-B



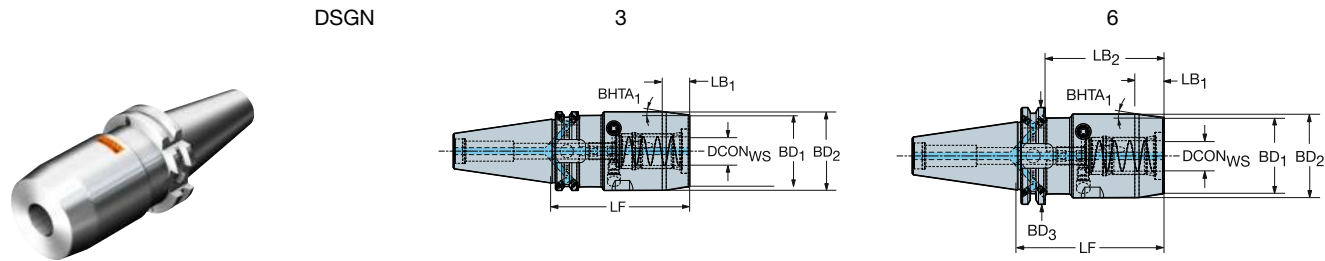
				Dimensions, mm, inch					
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{WS}	LF	LB ₁	BD ₁	CP Bar/PSI Kg
40	1	6	1	392.272277-40 01 055A	78.0	55.0	79.6	86.0	20 2.80
					3.071	2.165	3.134	3.386	290
50	2	6	1	392.272277-50 02 055A	98.0	55.0	79.6	106.0	20 13.80
					3.858	2.165	3.134	4.173	290
	3	6	1	392.272277-50 03 075A	136.0	75.0	85.0	140.0	20 13.80
					5.354	2.953	3.346	5.512	290



ISO 7388.1 to CoroChuck™ 930

Heavy-duty design

Machine side interface compatible with DIN 69871-ADB

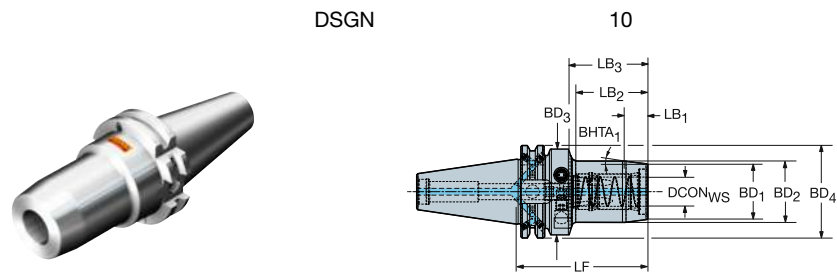


Metric bore

					Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁	CP BarPSI	Kg	BBD	RPMX
40	20	7	1	6	930-I40-HD-20-097	20.0	97.0	17.8	77.9	97.0	50.0	55.0	63.5	8°	80	2.06	1	18000
						.787	3.819	.701	3.067	3.819	1.969	2.165	2.500		1160			
	25	7	1	3	930-I40-HD-25-103	25.0	103.0	18.8	103.0		57.0	65.0		12°	80	2.56	1	18000
						.984	4.055	.740	4.055		2.244	2.559			1160			
50	20	7	1	6	930-I50-HD-20-083	20.0	83.0	17.8	63.9	83.0	50.0	55.0	97.4	8°	80	3.69	1	12000
						.787	3.268	.701	2.516	3.268	1.969	2.165	3.835		1160			
	25	7	1	6	930-I50-HD-25-087	25.0	87.0	18.8	67.9	87.0	57.0	65.0	97.4	12°	80	4.15	1	12000
						.984	3.425	.740	2.673	3.425	2.244	2.559	3.835		1160			
	32	7	1	6	930-I50-HD-32-077	32.0	77.0	18.8	57.9	77.0	68.0	76.0	97.4	12°	80	4.29	1	12000
						1.260	3.032	.740	2.280	3.032	2.677	2.992	3.835		1160			

Slender design

Machine side interface compatible with DIN 69871-ADB



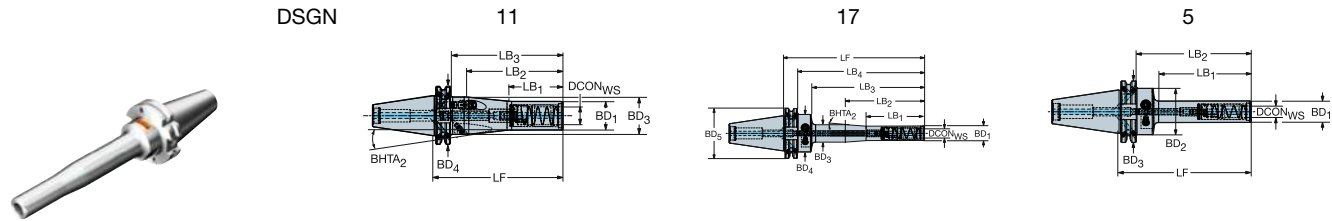
Metric bore

					Dimensions, mm, inch															
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₁	 CP Bar/PSI	 Kg	BBD	RPMX
40	12	7	1	10	930-I40-S-12-080	12.0	80.0	11.3	38.2	60.9	80.0	28.0	32.0	50.0	63.5	10°	80	1.31	1	18000
						.472	3.150	.445	1.504	2.398	3.150	1.102	1.260	1.969	2.500		1160			
	20	7	1	10	930-I40-S-20-090	20.0	90.0	16.0	49.2	70.9	90.0	38.0	42.0	50.0	63.5	7°	80	1.51	1	18000
						.787	3.543	.630	1.937	2.791	3.543	1.496	1.654	1.969	2.500		1160			
50	20	7	1	10	930-I50-S-20-089	20.0	89.0	16.0	49.2	69.9	89.0	38.0	42.0	50.0	97.4	7°	80	3.33	1	12000
						.787	3.504	.630	1.937	2.752	3.504	1.496	1.654	1.969	3.837		1160			



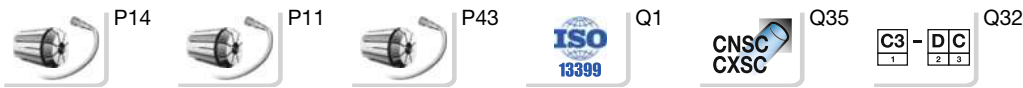
ISO 73888.1 to CoroChuck™ 930

Pencil design
Machine side interface compatible with DIN 69871-ADB



Metric bore

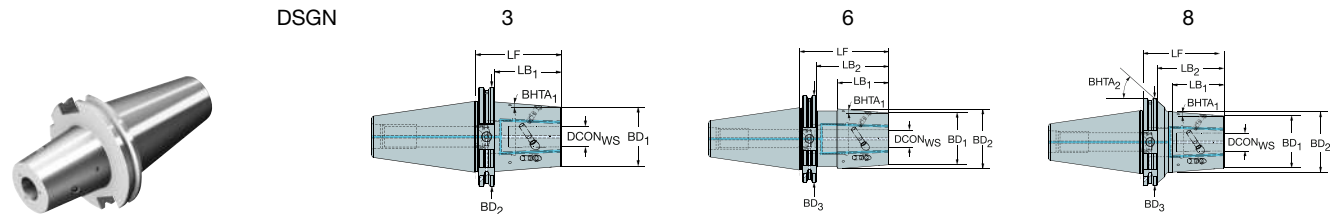
					Dimensions, mm, inch															
CZC _{MS}	CZC _{VS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₂	CPBarPSI	Kg	BBD	RPMX
40	12	7	1	5	930-I40-P-12-103	12.0	103.0	60.8	83.9	103.0		22.0	40.0	63.5		0°	80	1.14	1	18000
						.472	4.055	2.394	3.303	4.055		.866	1.575	2.500			1160			
	12	7	1	5	930-I40-P-12-138	12.0	138.0	95.8	118.9	138.0		22.0	40.0	63.5		0°	80	1.24	1	18000
						.472	5.433	3.772	4.681	5.433		.866	1.575	2.500			1160			
	12	7	1	17	930-I40-P-12-188	12.0	188.0	50.0	75.0	145.8	168.9	22.0	22.0	26.0	40.0	4°	80	1.49	1	18000
						.472	7.402	1.969	2.953	5.740	6.650	.866	.866	1.024	1.575		1160			
	20	7	1	11	930-I40-P-20-145	20.0	145.0	60.0	108.0	125.9	145.0	32.0	32.0	42.0	63.5	6°	80	1.63	1	18000
						.787	5.709	2.362	4.252	4.957	5.709	1.260	1.260	1.654	2.500		1160			



ISO 7388-1 to cylindrical shank with iLock shrink-fit chuck

Front coolant supply possibility

Machine side interface compatible with DIN 69871-ADB



Metric bore

					Dimensions, mm, inch														
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁	BHTA ₂	CP BarPSi	 Kg	BBD	RPMX
40	12	7	9	8	392.14019Y-4012065	12.0	65.0	41.3	45.9	65.0	26.5	33.0	63.5	4°	47°	80	1.20	1	18000
						.472	2.559	1.626	1.807	2.559	1.043	1.299	2.502			1160			
	16	7	9	8	392.14019Y-4016065	16.0	65.0	41.3	45.9	65.0	29.5	36.0	63.5	4°	47°	80	1.01	1	18000
						.630	2.559	1.626	1.807	2.559	1.161	1.417	2.502			1160			
	20	7	9	8	392.14019Y-4020065	20.0	65.0	43.1	45.9	65.0	35.5	42.3	63.5	4°	47°	80	1.50	1	18000
						.787	2.559	1.697	1.807	2.559	1.398	1.665	2.502			1160			
	25	7	9	6	392.14019Y-4025075	25.0	75.0	39.1	55.9	75.0	45.5	51.6	63.5	4°	0°	80	1.70	1	18000
						.984	2.953	1.539	2.201	2.953	1.791	2.032	2.502			1160			
50	12	7	9	8	392.14019Y-5012080	12.0	80.0	54.7	60.9	80.0	27.0	35.6	97.5	4°	57°	80	2.97	1	12000
						.472	3.150	2.154	2.398	3.150	1.063	1.402	3.839			1160			
	16	7	9	3	392.14019Y-5016080	16.0	80.0	60.9	80.0		33.3	97.5		4°	0°	80	3.07	1	12000
						.630	3.150	2.398	3.150		1.311	3.839				1160			
	20	7	9	3	392.14019Y-5020080	20.0	80.0	60.9	80.0		44.7	97.5		4°	0°	80	3.38	1	12000
						.787	3.150	2.398	3.150		1.760	3.839				1160			
	25	7	9	8	392.14019Y-5025100	25.0	100.0	65.6	80.9	100.0	44.0	54.3	97.5	4°	38°	80	3.73	1	12000
						.984	3.937	2.583	3.185	3.937	1.732	2.138	3.839			1160			



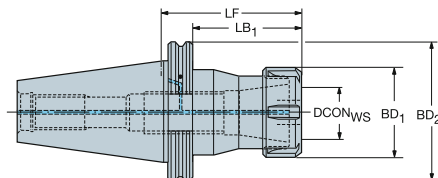
ISO 7388-1 to ER collet chuck

Machine side interface compatible with DIN 69871-ADB

Workpiece side interface DIN 6499-B

DSGN

2



					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	Kg	RPMX
40	ER16	7	1	2	A1B14-40 16 070	17.0	70.0	50.9	70.0	28.0	63.5	80	0.80	18000
	ER16	7	1	2	A1B14-40 16 100	.669	2.756	2.004	2.756	1.102	2.500	1160	80	18000
	ER20	7	1	2	A1B14-40 20 070	21.0	70.0	50.9	70.0	34.0	63.5	80	0.80	18000
	ER20	7	1	2	A1B14-40 20 100	.827	2.756	2.004	2.756	1.339	2.500	1160	80	18000
	ER25	7	1	2	A1B14-40 25 070	26.0	70.0	50.9	70.0	42.0	63.5	80	0.80	18000
	ER25	7	1	2	A1B14-40 25 100	1.024	2.756	2.004	2.756	1.654	2.500	1160	80	18000
	ER32	7	1	2	A1B14-40 32 070	33.0	70.0	50.9	70.0	50.0	63.5	80	0.80	18000
	ER40	7	1	2	A1B14-40 40 070	41.0	70.0	50.9	70.0	63.0	63.5	80	0.80	18000
50	ER20	7	1	2	A1B14-50 20 070	21.0	70.0	50.9	70.0	34.0	97.5	80	2.13	12000
	ER20	7	1	2	A1B14-50 20 100	.827	2.756	2.004	2.756	1.339	3.837	1160	80	12000
	ER25	7	1	2	A1B14-50 25 070	26.0	70.0	50.9	70.0	42.0	97.5	80	2.14	12000
	ER25	7	1	2	A1B14-50 25 100	1.024	2.756	2.004	2.756	1.654	3.837	1160	80	12000
	ER32	7	1	2	A1B14-50 32 070	33.0	70.0	50.9	70.0	50.0	97.5	80	2.12	12000
	ER32	7	1	2	A1B14-50 32 100	1.299	2.756	2.004	2.756	1.969	3.837	1160	80	12000
	ER40	7	1	2	A1B14-50 40 070	41.0	70.0	50.9	70.0	63.0	97.5	80	2.13	12000
						1.614	2.756	2.004	2.756	2.480	3.837	1160		



P20



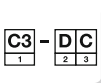
P11



Q1

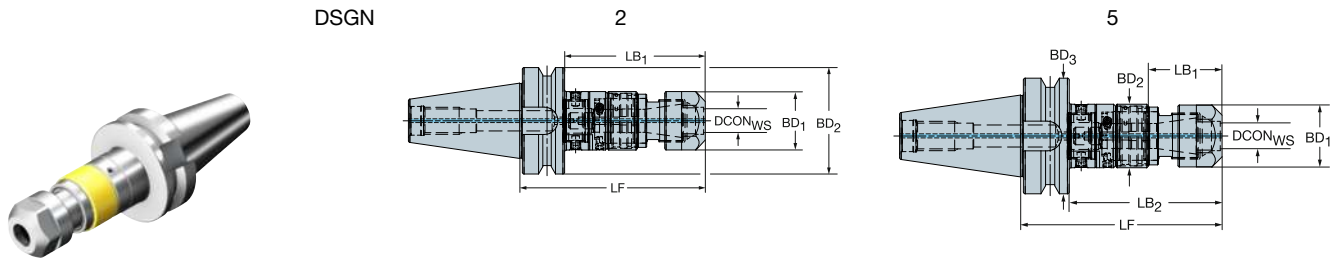


Q35



Q31

ISO 73888.1 to CoroChuck™ 970
Machine side interface compatible with DIN 69871-AD
Workpiece side interface DIN 6499-B

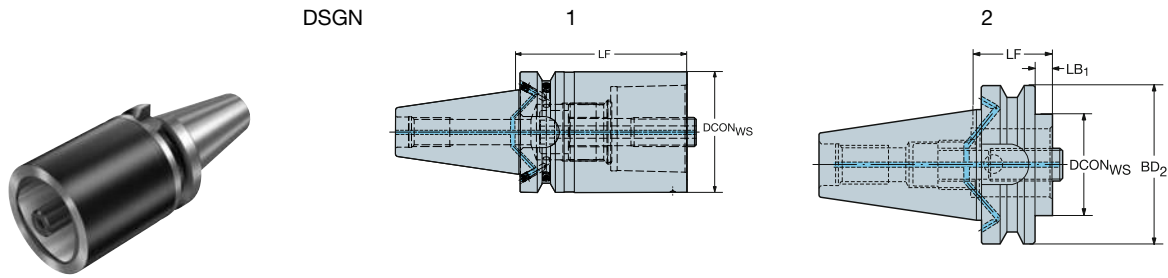


						Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	TRMAX	CNSC	CXSC	DSGN	Ordering code	DCON	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	CP BarPSI	 Kg	RPMX
40	ER20	M12	1	1	5	970-I40-20-102	20	102.2	40.3	83.2	102.2	33.7	34.6	63.5	80	1.23	8000
							.819	4.024	1.587	3.276	4.024	1.327	1.362	2.500	1160		
	ER25	M20	1	1	5	970-I40-25-122	25	121.6	42.1	102.5	121.6	42.0	44.0	63.5	80	1.62	8000
							1.016	4.787	1.657	4.035	4.787	1.654	1.732	2.500	1160		
50	ER20	M12	1	1	5	970-I50-20-106	20	106.2	40.3	87.1	106.2	33.7	34.6	97.5	80	3.00	8000
							.819	4.181	1.587	3.429	4.181	1.327	1.362	3.839	1160		
	ER25	M20	1	1	5	970-I50-25-126	25	125.6	42.1	106.5	125.6	42.0	44.0	97.5	80	3.40	8000
							1.016	4.945	1.657	4.193	4.945	1.654	1.732	3.839	1160		
	ER40	M30	1	1	2	970-I50-40-155	40	155.0	135.9	155.0		62.7	97.5		80	4.68	8000
							1.606	6.102	5.350	6.102		2.469	3.839		1160		



MAS-BT 403 to Coromant Capto® adapter

Machine side interface compatible with JIS B 6339



					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	Kg	BBD
30	C3	1	1	2	C3-390.55-30 030	32.0	30.0	8.0	30.0	32.0	46.0	80	0.50	1
						1.260	1.181	.315	1.181	1.260	1.811	1160		
	C3	1	1	2	C3-390.55-30 060	32.0	60.0	38.0	60.0	32.0	46.0	80	0.70	1
						1.260	2.362	1.496	2.362	1.260	1.811	1160		
	C4	1	1	2	C4-390.55-30 060	40.0	60.0	38.0	60.0	40.0	46.0	80	0.65	1
						1.575	2.362	1.496	2.362	1.575	1.811	1160		
	C5	1	1	1	C5-390.55-30 080	50.0	80.0	80.0		50.0		80	1.04	1
						1.969	3.150	3.150		1.969		1160		
40	C3	7	1	2	C3-390B.55-40 030	32.0	30.0	3.0	30.0	32.0	63.0	80	0.95	1
						1.260	1.181	.118	1.181	1.260	2.480	1160		
	C3	7	1	2	C3-390B.55-40 060	32.0	60.0	33.0	60.0	32.0	63.0	80	1.10	1
						1.260	2.362	1.299	2.362	1.260	2.480	1160		
	C4	7	1	2	C4-390B.55-40 030	40.0	30.0	3.0	30.0	40.0	63.0	80	0.91	1
						1.575	1.181	.118	1.181	1.575	2.480	1160		
	C4	7	1	2	C4-390B.55-40 060	40.0	60.0	33.0	60.0	40.0	63.0	80	1.18	1
						1.575	2.362	1.299	2.362	1.575	2.480	1160		
	C5	7	1	2	C5-390B.55-40 050	50.0	50.0	23.0	50.0	50.0	63.0	80	1.12	1
						1.969	1.969	.906	1.969	1.969	2.480	1160		
	C5	7	1	2	C5-390B.55-40 090	50.0	90.0	63.0	90.0	50.0	63.0	80	1.70	1
						1.969	3.543	2.480	3.543	1.969	2.480	1160		
	C6	7	1	1	C6-390B.55-40 075	63.0	75.0	75.0		63.0		80	1.71	1
						2.480	2.953	2.953		2.480		1160		
50	C3	7	1	2	C3-390B.58-50 040	32.0	40.0	2.0	40.0	32.0	100.0	80	3.55	1
						1.260	1.575	.079	1.575	1.260	3.937	1160		
	C3	7	1	2	C3-390B.58-50 070	32.0	70.0	32.0	70.0	32.0	100.0	80	3.68	1
						1.260	2.756	1.260	2.756	1.260	3.937	1160		
	C4	7	1	2	C4-390B.58-50 040	40.0	40.0	2.0	40.0	40.0	100.0	80	3.53	1
						1.575	1.575	.079	1.575	1.575	3.937	1160		
	C4	7	1	2	C4-390B.58-50 070	40.0	70.0	32.0	70.0	40.0	100.0	80	3.76	1
						1.575	2.756	1.260	2.756	1.575	3.937	1160		
	C5	7	1	2	C5-390B.58-50 040	50.0	40.0	2.0	40.0	50.0	100.0	80	3.44	1
						1.969	1.575	.079	1.575	1.969	3.937	1160		
	C5	7	1	2	C5-390B.58-50 080	50.0	80.0	42.0	80.0	50.0	100.0	80	3.97	1
						1.969	3.150	1.654	3.150	1.969	3.937	1160		
	C6	7	1	2	C6-390B.58-50 050	63.0	50.0	12.0	50.0	63.0	100.0	80	3.50	1
						2.480	1.969	.472	1.969	2.480	3.937	1160		
	C6	7	1	2	C6-390B.58-50 100	63.0	100.0	62.0	100.0	63.0	100.0	80	4.60	1
						2.480	3.937	2.441	3.937	2.480	3.937	1160		
	C8	7	1	2	C8-390B.58-50 070	80.0	70.0	32.0	70.0	80.0	100.0	80	4.04	1
						3.150	2.756	1.260	2.756	3.150	3.937	1160		
	C8	7	1	2	C8-390B.58-50 120	80.0	120.0	72.0	120.0	80.0	100.0	80	5.88	1
						3.150	4.724	2.835	4.724	3.150	3.937	1160		
	C10	7	1	1	C10-390B.58-50 140	100.0	140.0	140.0		100.0		80	7.63	0
						3.937	5.512	5.512		3.937		1160		
60	C8	1	1	2	C8-390.58-60 120	80.0	120.0	72.0	120.0	80.0	155.0	80	14.84	0
						3.150	4.724	2.835	4.724	3.150	6.102	1160		
	C10	1	1	2	C10-390.58-60 080	100.0	80.0	32.0	80.0	100.0	155.0	80	12.92	0
						3.937	3.150	1.260	3.150	3.937	6.102	1160		



P43



P11



Q1

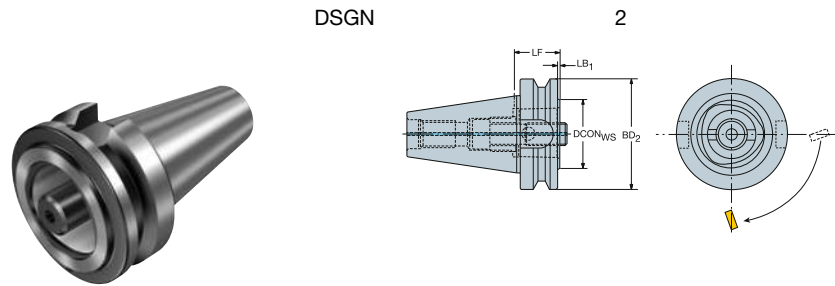


Q35

MAS-BT 403 to Coromant Capto® adapter

90° rotated polygon for precision tool tip control

Designed for Mazak™ e-machine and Mori Seiki NT Series

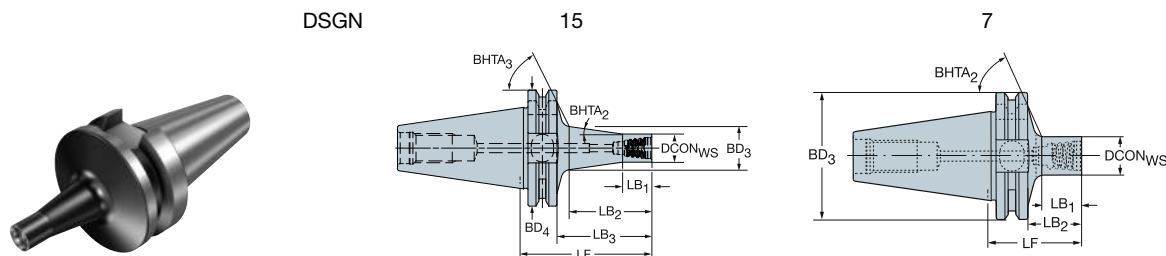


					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	 Kg	
40	C5	1	1	2	C5-390.605-40 030	50.0	30.0	3.0	30.0	50.0	63.0	80	0.88	
						1.969	1.181	.118	1.181	1.969	2.480	1160		
50	C6	1	1	2	C6-390.605-50 040	63.0	40.0	2.0	40.0	63.0	100.0	80	3.22	
						2.480	1.575	.079	1.575	2.480	3.937	1160		
	C8	1	1	2	C8-390.605-50 070	80.0	70.0	32.0	70.0	80.0	100.0	80	4.00	
						3.150	2.756	1.260	2.756	3.150	3.937	1160		



MAS-BT 403 to Coromant EH adapter

Machine side interface compatible with JIS B 6339



Metric version

						Dimensions, mm, inch																			
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₂	Bar/PSI		BBD	RPMX					
30	E10	1	1	7	392.55EH-30 10 044	9.6	44.0	13.3	22.0	44.0		9.6	9.6	46.0		65°	80	0.42	1	25000					
						.378	1.732	.524	.866	1.732		.378	.378	1.811			1160								
	E10	1	1	15	392.55EH-30 10 057	9.6	57.0	10.0	27.6	35.0	57.0	9.6	9.6	14.6	46.0	7°	80	0.44	1	25000					
						.378	2.244	.394	1.087	1.378	2.244	.378	.378	.575	1.811		1160								
	E12	1	1	7	392.55EH-30 12 046	11.6	46.0	15.6	24.0	46.0		11.6	11.6	46.0		64°	80	0.42	1	25000					
						.457	1.811	.614	.945	1.811		.457	.457	1.811			1160								
	E12	1	1	15	392.55EH-30 12 063	11.6	63.0	12.0	34.1	41.0	63.0	11.6	11.6	17.8	46.0	8°	80	0.45	1	25000					
						.457	2.480	.472	1.343	1.614	2.480	.457	.457	.701	1.811		1160								
	E16	1	1	7	392.55EH-30 16 041	15.4	41.3	8.0	19.3	41.3		15.4	15.4	46.0		49°	80	0.44	1	25000					
						.606	1.626	.315	.760	1.626		.606	.606	1.811			1160								
	E16	1	1	7	392.55EH-30 16 052	15.4	52.0	22.1	30.0	52.0		15.4	15.4	46.0		63°	80	0.44	1	25000					
						.606	2.047	.870	1.181	2.047		.606	.606	1.811			1160								
	E16	1	1	7	392.55EH-30 16 056	15.4	56.3	16.0	34.3	56.3		15.4	15.4	46.0		35°	80	0.48	1	25000					
						.606	2.217	.630	1.350	2.217		.606	.606	1.811			1160								
	E16	1	1	15	392.55EH-30 16 074	15.4	74.0	16.0	45.9	52.0	74.0	15.4	15.4	23.8	46.0	8°	80	0.50	1	25000					
						.606	2.913	.630	1.807	2.047	2.913	.606	.606	.937	1.811		1160								
	E20	1	1	7	392.55EH-30 20 049	19.2	49.0	19.6	27.0	49.0		19.2	19.2	46.0		61°	80	0.44	1	25000					
						.756	1.929	.772	1.063	1.929		.756	.756	1.811			1160								
	E20	1	1	7	392.55EH-30 20 069	19.2	68.7	25.0	34.7	68.7		19.2	19.2	46.0		27°	80	0.52	1	25000					
						.756	2.705	.984	1.366	2.705		.756	.756	1.811			1160								
	E20	1	1	15	392.55EH-30 20 086	19.2	86.0	20.0	58.7	64.0	86.0	19.2	19.2	30.1	46.0	8°	80	0.59	1	25000					
						.756	3.386	.787	2.311	2.520	3.386	.756	.756	1.185	1.811		1160								
	E25	1	1	7	392.55EH-30 25 054	24.1	54.0	25.2	32.0	54.0		24.1	24.1	46.0		58°	80	0.48	1	25000					
						.949	2.126	.992	1.260	2.126		.949	.949	1.811			1160								
	E25	1	1	15	392.55EH-30 25 077	24.1	77.0	25.0	49.9	55.0	77.0	24.1	24.1	31.1	46.0	8°	80	0.59	1	25000					
						.949	3.032	.984	1.965	2.165	3.032	.949	.949	1.224	1.811		1160								
40	E10	1	1	7	392.55EH-40 10 051	9.6	51.0	13.0	24.0	51.0		9.6	9.6	63.0		67°	80	1.07	1	18000					
						.378	2.008	.512	.945	2.008		.378	.378	2.480			1160								
	E10	1	1	15	392.55EH-40 10 065	9.6	65.0	10.0	28.4	38.0	65.0	9.6	9.6	14.8	63.0	8°	80	1.08	1	18000					
						.378	2.559	.394	1.118	1.496	2.559	.378	.378	.583	2.480		1160								
	E12	1	1	7	392.55EH-40 12 054	11.6	54.0	16.3	27.0	54.0		11.6	11.6	63.0		67°	80	1.07	1	18000					
						.457	2.126	.642	1.063	2.126		.457	.457	2.480			1160								
	E12	1	1	15	392.55EH-40 12 070	11.6	70.0	12.0	33.8	43.0	70.0	11.6	11.6	17.7	63.0	8°	80	1.10	1	18000					
						.457	2.756	.472	1.331	1.693	2.756	.457	.457	.697	2.480		1160								
	E16	1	1	7	392.55EH-40 16 060	15.4	60.0	22.8	33.0	60.0		15.4	15.4	63.0		66°	80	1.09	1	18000					
						.606	2.362	.898	1.299	2.362		.606	.606	2.480			1160								
	E16	1	1	15	392.55EH-40 16 081	15.4	81.0	16.0	45.6	54.0	81.0	15.4	15.4	23.7	63.0	8°	80	1.15	1	18000					
						.606	3.189	.630	1.795	2.126	3.189	.606	.606	.933	2.480		1160								
	E20	1	1	7	392.55EH-40 20 056	19.2	56.0	19.3	29.0	56.0		19.2	19.2	63.0		66°	80	1.11	1	18000					
						.756	2.205	.760	1.142	2.205		.756	.756	2.480			1160								
	E20	1	1	15	392.55EH-40 20 094	19.2	94.0	20.0	59.5	67.0	94.0	19.2	19.2	30.3	63.0	8°	80	1.24	1	18000					
						.756	3.701	.787	2.343	2.638	3.701	.756	.756	1.193	2.480		1160								
	E25	1	1	7	392.55EH-40 25 062	24.1	62.0	26.0	35.0	62.0		24.1	24.1	63.0		65°	80	1.13	1	18000					
						.949	2.441	1.024	1.378	2.441		.949	.949	2.480			1160								
	E25	1	1	15	392.55EH-40 25 108	24.1	108.0	25.0	74.5	81.0	108.0	24.1	24.1	38.0	63.0	8°	80	1.42	1	18000					
						.949	4.252	.984	2.933	3.189	4.252	.949	.949	1.496	2.480		1160								



P11



Q1



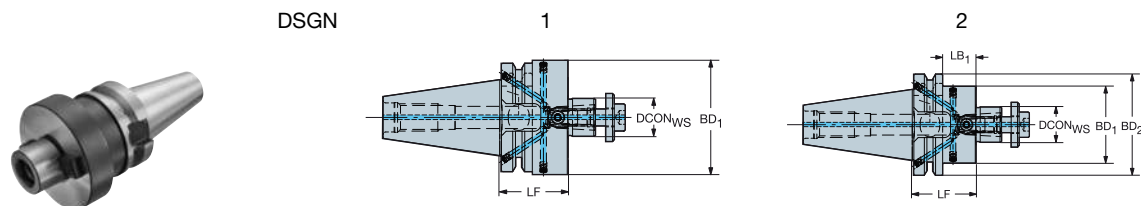
Q35



Q30

MAS-BT 403 to arbor adapter

Machine side interface compatible with JIS B 6339



Metric pilot

					Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DBC	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	 Kg	BBD
30	16	1	1	2	A205-30 16 035		16.0	35.0	13.0	35.0	36.0	46.0	80	0.41	1
							.630	1.378	.512	1.378	1.417	1.811	1160		
	22	1	1	2	A205-30 22 035		22.0	35.0	13.0	35.0	42.0	46.0	80	0.41	1
							.866	1.378	.512	1.378	1.654	1.811	1160		
	27	1	1	2	A205-30 27 035		27.0	35.0	13.0	35.0	42.0	46.0	80	0.41	1
							1.063	1.378	.512	1.378	1.654	1.811	1160		
	32	1	1	1	A205-30 32 050		32.0	50.0	50.0		78.0	80	1.15	1	
							1.260	1.969	1.969		3.071	1160			
40	16	7	1	2	A2B05-40 16 035		16.0	35.0	8.0	35.0	36.0	63.0	80	0.80	1
							.630	1.378	.315	1.378	1.417	2.480	1160		
	16	7	1	2	A2B05-40 16 100		16.0	100.0	73.0	100.0	36.0	63.0	80	1.60	1
							.630	3.937	2.874	3.937	1.417	2.480	1160		
	22	7	1	2	A2B05-40 22 035		22.0	35.0	8.0	35.0	48.0	63.0	80	1.05	1
							.866	1.378	.315	1.378	1.890	2.480	1160		
	22	7	1	2	A2B05-40 22 100		22.0	100.0	73.0	100.0	48.0	63.0	80	1.60	1
							.866	3.937	2.874	3.937	1.890	2.480	1160		
	27	7	1	2	A2B05-40 27 035		27.0	35.0	8.0	35.0	48.0	63.0	80	1.05	1
							1.063	1.378	.315	1.378	1.890	2.480	1160		
	27	7	1	2	A2B05-40 27 100		27.0	100.0	73.0	100.0	60.0	63.0	80	2.13	1
							1.063	3.937	2.874	3.937	2.362	2.480	1160		
	32	7	1	1	A2B05-40 32 065		32.0	65.0	65.0		78.0	80	1.60	1	
							1.260	2.559	2.559		3.071	1160			
	40S	7	1	1	A2B05-40 40 070	66.7	40.0	70.0	70.0		87.0	80	1.60	1	
						2.626	1.575	2.756	2.756		3.425	1160			
50	22	7	1	2	A2B05-50 22 055		22.0	55.0	11.0	55.0	48.0	100.0	80	3.00	1
							.866	2.165	.433	2.165	1.890	3.937	1160		
	22	7	1	2	A2B05-50 22 100		22.0	100.0	56.0	100.0	48.0	100.0	80	3.00	1
							.866	3.937	2.205	3.937	1.890	3.937	1160		
	27	7	1	2	A2B05-50 27 055		27.0	55.0	12.0	55.0	60.0	100.0	80	3.00	1
							1.063	2.165	.472	2.165	2.362	3.937	1160		
	27	7	1	2	A2B05-50 27 100		27.0	100.0	57.0	100.0	60.0	100.0	80	4.70	1
							1.063	3.937	2.244	3.937	2.362	3.937	1160		
	32	7	1	2	A2B05-50 32 055		32.0	55.0	17.0	55.0	78.0	100.0	80	2.99	1
							1.260	2.165	.669	2.165	3.071	3.937	1160		
	32	7	1	2	A2B05-50 32 100		32.0	100.0	62.0	100.0	78.0	100.0	80	4.67	1
							1.260	3.937	2.441	3.937	3.071	3.937	1160		
	40S	7	1	2	A2B05-50 40 055	66.7	40.0	55.0	17.0	55.0	89.0	100.0	80	4.70	1
						2.626	1.575	2.165	.669	2.165	3.504	3.937	1160		
60	7	1	1	1	A2F05-50 60 080	101.6	60.0	80.0	80.0		127.0	80	4.70	1	
						4.000	2.362	3.150	3.150		5.000	1160			

All holders are delivered with a standard screw without hole for coolant.

For cutters with coolant channels a new screw with radial coolant holes is necessary and can be ordered separately.

See page P13.



P11



Q1



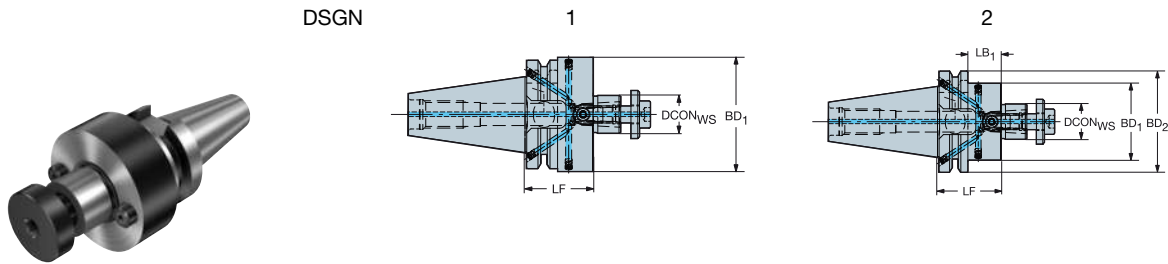
Q35



Q31

MAS-BT 403 to arbor adapter

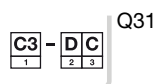
Machine side interface compatible with JIS B 6339



Inch pilot

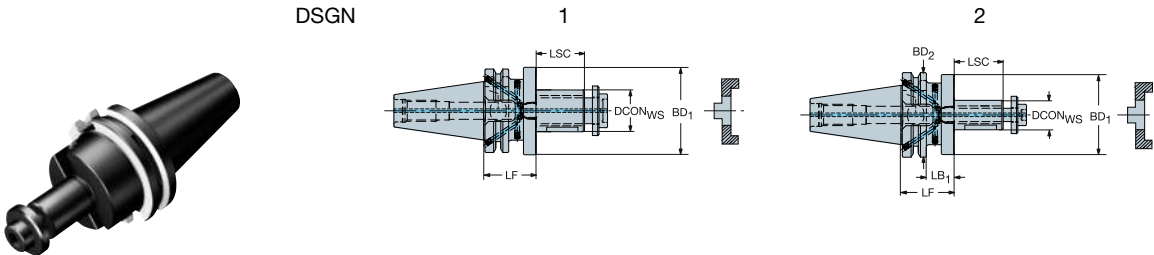
						Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	 CP BarPSI	 Kg	BBD	
30	3/4	1	1	2	AA205-30 19 030	19.1	30.2	8.1	30.1	44.5	46.0	80	0.50	1	
						.750	1.190	.322	1.187	1.750	1.811	1160			
	1	1	1	1	AA205-30 25 045	25.4	45.0	44.9		57.2		80	1.00	1	
						1.000	1.770	1.770		2.250		1160			
40	3/4	7	1	2	AA2B05-40 19 051	19.1	50.8	23.8	50.8	44.5	63.0	80	1.29	1	
						.750	2.000	.937	2.000	1.750	2.480	1160			
	1	7	1	2	AA2B05-40 25 051	25.4	50.8	23.8	50.8	57.2	63.0	80	1.29	1	
						1.000	2.000	.937	2.000	2.252	2.480	1160			
	1 1/4	7	1	1	AA2B05-40 32 057	31.8	57.2	57.1		69.9		80	1.59	1	
						1.250	2.250	2.250		2.750		1160			
	1 1/2	7	1	1	AA2B05-40 38 057	38.1	57.2	57.1		95.3		80	2.12	1	
						1.500	2.250	2.250		3.750		1160			

All holders are delivered with a standard screw without hole for coolant.
For cutters with coolant channels a new screw with radial coolant holes is necessary and can be ordered separately.
See page P13.



MAS-BT 403 to side and face-mill arbor adapter

Machine side interface compatible with JIS B 6339

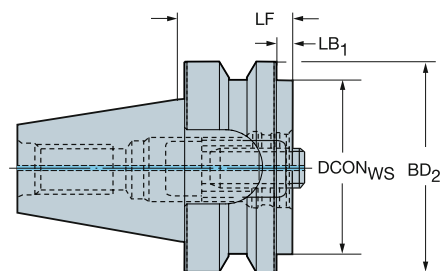


Metric pilot

					Dimensions, mm, inch										CP Bar/PSI  BBD	
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LSC	LF	LB ₁	LB ₂	BD ₁	BD ₂				
30	16	1	1	2	A208-30 16 045	16.0	27	35.0	13.0	35.0	32.0	46.0	80	0.47	1	
						.630	1.063	1.378	.512	1.378	1.260	1.811	1160			
	22	1	1	2	A208-30 22 047	22.0	31	35.0	13.0	35.0	40.0	46.0	80	0.56	1	
						.866	1.220	1.378	.512	1.378	1.575	1.811	1160			
	27	1	1	1	A208-30 27 050	27.0	33	38.0	38.0		48.0		80	0.67	1	
						1.063	1.299	1.496	1.496		1.890		1160			
40	22	7	1	2	A2B08-40 22 055	22.0	31	43.0	12.0	43.0	40.0	63.0	80	1.34	1	
						.866	1.220	1.693	.472	1.693	1.575	2.480	1160			
	27	7	1	2	A2B08-40 27 055	27.0	33	43.0	15.0	43.0	48.0	63.0	80	1.50	1	
						1.063	1.299	1.693	.591	1.693	1.890	2.480	1160			
	32	7	1	2	A2B08-40 32 060	32.0	38	46.0	18.0	46.0	58.0	63.0	80	1.85	1	
						1.260	1.496	1.811	.709	1.811	2.283	2.480	1160			
	40	7	1	1	A2B08-40 40 070	40.0	41	56.0	56.0		70.0		80	2.29	1	
						1.575	1.614	2.205	2.205		2.756		1160			



Machine side interface compatible with JIS B 6339



						Dimensions, mm, inch							
CZC _{WS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	Kg
50	80	1	1	2	390.58-50 80 040	80.0	40.0	2.0	40.0	80.0	100.0	20	4.30
						3.150	1.575	0.079	1.575	3.150	3.937	290	



P42



P11



Q1



Q35

MAS-BT 403 to Weldon adapter

Machine side interface compatible with JIS B 6339

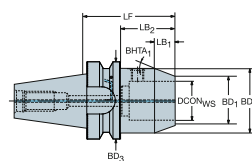
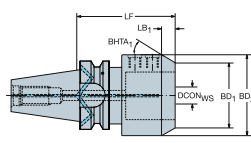
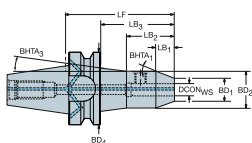
Workpiece side interface DIN 6535-HB and DIN 1835-B

DSGN

14

3

6



Metric bore

					Dimensions, mm, inch														
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₁	CP Bar/PSI	Kg	BBD
30	6	1	1	6	A2B20-30 06 050	6.0	50.0	10.4	28.0	50.0		14.8	24.5	46.0		25°	20	0.49	1
						.236	1.969	.409	1.102	1.969		.583	.965	1.811			290		
	8	1	1	6	A2B20-30 08 050	8.0	50.0	8.2	28.0	50.0		20.0	27.5	46.0		25°	20	0.50	1
						.315	1.969	.323	1.102	1.969		.787	1.083	1.811			290		
	10	1	1	6	A2B20-30 10 050	10.0	50.0	10.4	28.0	50.0		24.8	34.5	46.0		25°	20	0.50	1
						.394	1.969	.409	1.102	1.969		.976	1.358	1.811			290		
	12	1	1	6	A2B20-30 12 052	12.0	52.0	12.6	30.0	52.0		29.8	41.5	46.0		25°	20	0.57	1
						.472	2.047	.496	1.181	2.047		1.173	1.634	1.811			290		
	16	1	1	3	A2B20-30 16 063	16.0	63.0	12.6	63.0			35.8	47.5			25°	20	0.70	1
						.630	2.480	.496	2.480			1.409	1.870				290		
	20	1	1	3	A2B20-30 20 063	20.0	63.0	12.6	63.0			39.8	51.5			25°	20	0.70	1
						.787	2.480	.496	2.480			1.567	2.028				290		
40	6	7	1	6	A2B20-40 06 050	6.0	50.0	11.0	23.0	50.0		12.1	25.0	63.0		30°	20	0.81	1
						.236	1.969	.433	.906	1.969		.476	.984	2.480			290		
	6	7	1	6	A2B20-40 06 100	6.0	100.0	11.0	73.0	100.0		12.1	25.0	63.0		30°	20	1.06	1
						.236	3.937	.433	2.874	3.937		.476	.984	2.480			290		
	8	7	1	6	A2B20-40 08 050	8.0	50.0	11.0	23.0	50.0		15.3	28.0	63.0		30°	20	0.81	1
						.315	1.969	.433	.906	1.969		.602	1.102	2.480			290		
	8	7	1	6	A2B20-40 08 100	8.0	100.0	11.0	73.0	100.0		15.1	28.0	63.0		30°	20	1.06	1
						.315	3.937	.433	2.874	3.937		.594	1.102	2.480			290		
	10	7	1	6	A2B20-40 10 063	10.0	63.0	13.0	36.0	63.0		19.8	35.0	63.0		30°	20	1.06	1
						.394	2.480	.512	1.417	2.480		.780	1.378	2.480			290		
	10	7	1	6	A2B20-40 10 100	10.0	100.0	13.0	73.0	100.0		19.8	35.0	63.0		30°	20	1.30	1
						.394	3.937	.512	2.874	3.937		.780	1.378	2.480			290		
	12	7	1	6	A2B20-40 12 063	12.0	63.0	13.0	36.0	63.0		26.8	42.0	63.0		30°	20	1.06	1
						.472	2.480	.512	1.417	2.480		1.055	1.654	2.480			290		
	12	7	1	6	A2B20-40 12 100	12.0	100.0	13.0	73.0	100.0		26.8	42.0	63.0		30°	20	1.60	1
						.472	3.937	.512	2.874	3.937		1.055	1.654	2.480			290		
	16	7	1	6	A2B20-40 16 063	16.0	63.0	13.0	36.0	63.0		32.8	48.0	63.0		30°	20	1.06	1
						.630	2.480	.512	1.417	2.480		1.291	1.890	2.480			290		
	16	7	1	6	A2B20-40 16 100	16.0	100.0	13.0	73.0	100.0		32.8	48.0	63.0		30°	20	1.60	1
						.630	3.937	.512	2.874	3.937		1.291	1.890	2.480			290		
	20	7	1	6	A2B20-40 20 063	20.0	63.0	13.0	36.0	63.0		36.8	52.0	63.0		30°	20	1.30	1
						.787	2.480	.512	1.417	2.480		1.449	2.047	2.480			290		
	20	7	1	6	A2B20-40 20 100	20.0	100.0	13.0	73.0	100.0		36.8	52.0	63.0		30°	20	1.60	1
						.787	3.937	.512	2.874	3.937		1.449	2.047	2.480			290		
	25	7	1	6	A2B20-40 25 090	25.0	90.0	13.0	63.0	90.0		43.8	59.0	63.0		30°	20	2.14	1
						.984	3.543	.512	2.480	3.543		1.724	2.323	2.480			290		
	25	7	1	6	A2B20-40 25 160	25.0	160.0	13.0	133.0	160.0		43.8	59.0	63.0		30°	20	3.00	1
						.984	6.299	.512	5.236	6.299		1.724	2.323	2.480			290		
	32	7	1	3	A2B20-40 32 100	32.0	100.0	12.0	100.0			58.0	72.0			30°	20	2.14	1
						1.260	3.937	.472	3.937			2.283	2.835				290		



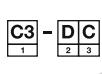
P11



Q1



Q35

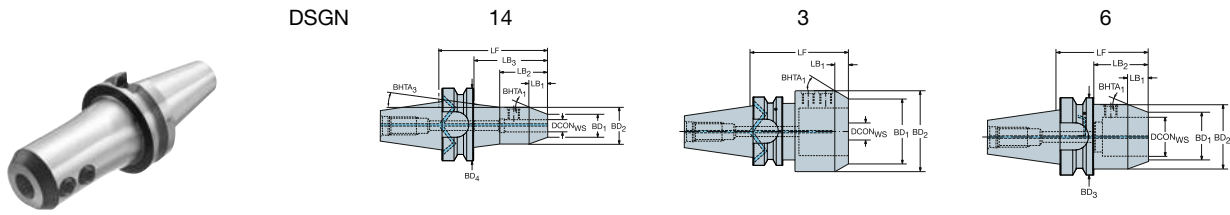


Q31

MAS-BT 403 to Weldon adapter

Machine side interface compatible with JIS B 6339

Workpiece side interface DIN 6535-HB and DIN 1835-B



Metric bore

						Dimensions, mm, inch																						
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₁	Bar/PSI	Kg	BBD									
50	6	7	1	6	A2B20-50 06 063	6.0	63.0	11.0	19.0	63.0		12.1	25.0	100.0		30°	20	3.01	1									
						.236	2.480	.433	.748	2.480		.476	.984	3.937			290											
	8	7	1	6	A2B20-50 08 063	8.0	63.0	11.0	19.0	63.0		15.1	28.0	100.0		30°	20	3.04	1									
						.315	2.480	.433	.748	2.480		.594	1.102	3.937			290											
	10	7	1	6	A2B20-50 10 070	10.0	70.0	13.0	26.0	70.0		19.8	35.0	100.0		30°	20	3.06	1									
						.394	2.756	.512	1.024	2.756		.780	1.378	3.937			290											
	12	7	1	6	A2B20-50 12 080	12.0	80.0	13.0	36.0	80.0		26.8	42.0	100.0		30°	20	3.06	1									
						.472	3.150	.512	1.417	3.150		1.055	1.654	3.937			290											
	16	7	1	6	A2B20-50 16 080	16.0	80.0	13.0	36.0	80.0		32.8	48.0	100.0		30°	20	3.06	1									
						.630	3.150	.512	1.417	3.150		1.291	1.890	3.937			290											
	20	7	1	6	A2B20-50 20 080	20.0	80.0	13.0	36.0	80.0		36.8	52.0	100.0		30°	20	3.06	1									
						.787	3.150	.512	1.417	3.150		1.449	2.047	3.937			290											
	20	7	1	6	A2B20-50 20 100	20.0	100.0	13.0	56.0	100.0		36.8	52.0	100.0		30°	20	3.07	1									
						.787	3.937	.512	2.205	3.937		1.449	2.047	3.937			290											
	25	7	1	6	A2B20-50 25 100	25.0	100.0	13.0	62.0	100.0		49.8	65.0	100.0		30°	20	3.07	1									
						.984	3.937	.512	2.441	3.937		1.961	2.559	3.937			290											
	25	7	1	14	A2B20-50 25 160	25.0	160.0	13.0	67.0	122.0	160.0	49.8	65.0	65.0	100.0	30°	20	4.70	1									
						.984	6.299	.512	2.638	4.803	6.299	1.961	2.559	2.559	3.937		290											
	32	7	1	6	A2B20-50 32 105	32.0	105.0	12.0	67.0	105.0		58.0	72.0	100.0		30°	20	4.70	1									
						1.260	4.134	.472	2.638	4.134		2.283	2.835	3.937			290											
	32	7	1	6	A2B20-50 32 160	32.0	160.0	12.0	122.0	160.0		58.0	72.0	100.0		30°	20	4.70	1									
						1.260	6.299	.472	4.803	6.299		2.283	2.835	3.937			290											
	40	7	1	6	A2B20-50 40 115	40.0	115.0	15.0	77.0	115.0		60.5	78.0	100.0		30°	20	4.70	1									
						1.575	4.528	.591	3.032	4.528		2.382	3.071	3.937			290											



P11



Q1



Q35

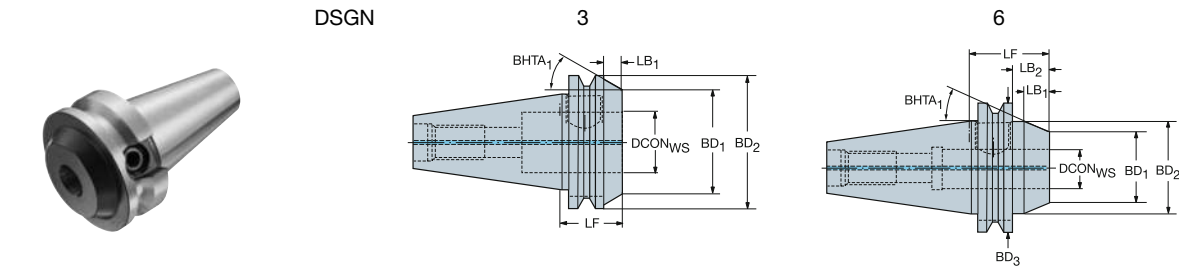


Q31

MAS-BT 403 to Weldon adapter

Short version

Machine side interface compatible with JIS B 6339



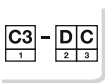
Metric bore

					Dimensions, mm, inch													CP BarPSI		 Kg			
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁									
40	16	1	1	3	A2X20-40 16 035	16.0	35.0	8.0	35.0		38.6	63.0		30°	20	0.81	1						
						.630	1.378	.315	1.378		1.520	2.480			290								
	18	1	1	3	A2X20-40 18 035	18.0	35.0	8.0	35.0		40.6	63.0		30°	20	0.81	1						
						.709	1.378	.315	1.378		1.598	2.480			290								
	20	1	1	3	A2X20-40 20 035	20.0	35.0	8.0	35.0		42.8	63.0		30°	20	0.81	1						
						.787	1.378	.315	1.378		1.685	2.480			290								
	25	1	1	6	A2X20-40 25 060	25.0	60.0	10.0	33.0	60.0	47.4	59.0	63.0	30°	20	1.30	1						
						.984	2.362	.394	1.299	2.362	1.866	2.323	2.480		290								
	32	1	1	6	A2X20-40 32 065	32.0	65.0	12.0	38.0	65.0	45.1	59.0	63.0	30°	20	1.60	1						
						1.260	2.559	.472	1.496	2.559	1.776	2.323	2.480		290								

 P11

 Q1

 Q35

 Q31

MAS-BT 403 to Weldon adapter

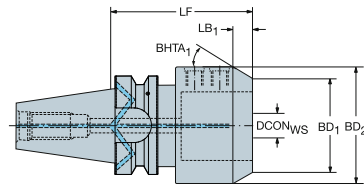
Machine side interface compatible with JIS B 6339

Workpiece side interface ANSI B94.19

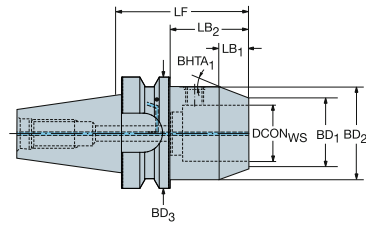


DSGN

3



6



Inch bore

					Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁	 CP BarPSI	 Kg	BBD
30	1/8	1	1	6	AA220-30 03 060	3.2	60.5	2.8	38.3	60.3	15.7	19.1	46.0	30°	20	0.50	1
	1/4	1	1	6	AA220-30 06 060	6.4	60.5	6.4	38.3	60.3	13.2	20.6	46.0	30°	20	0.50	1
	3/8	1	1	6	AA220-30 09 060	9.5	60.5	9.7	38.3	60.3	24.2	35.1	46.0	30°	20	0.59	1
	1/2	1	1	6	AA220-30 13 060	12.7	60.5	9.7	38.3	60.3	23.9	35.1	46.0	30°	20	0.59	1
40	3/8	7	1	6	AA2B20-40 09 057	9.5	57.2	2.8	30.2	57.2	19.8	25.4	63.0	45°	20	0.80	1
	1/2	7	1	6	AA2B20-40 13 057	12.7	57.2	4.5	30.2	57.2	22.6	31.8	63.0	45°	20	1.05	1
	5/8	7	1	6	AA2B20-40 16 057	15.9	57.2	5.8	30.2	57.2	26.4	38.1	63.0	45°	20	1.05	1
	3/4	7	1	6	AA2B20-40 19 086	19.1	85.7	7.6	58.8	85.7	29.2	44.4	63.5	45°	20	1.28	1
	1	7	1	6	AA2B20-40 25 101	25.4	101.6	7.6	74.6	101.6	35.6	50.8	63.5	45°	20	1.59	1
	1 1/4	7	1	3	AA2B20-40 32 101	31.8	101.6	10.7	101.6		42.2	63.5		45°	20	2.12	1



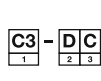
P11



Q1

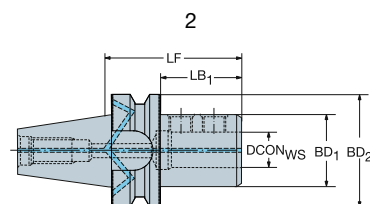
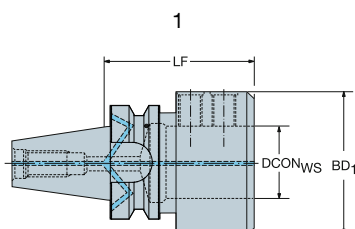


Q35



Q31

Machine side interface compatible with JIS B 6339



					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	Kg	BBD
30	16	1	1	2	A227-30 16 080	16.0	80.0	58.0	80.0	36.0	46.0	20	0.20	1
						.630	3.150	2.283	3.150	1.417	1.811	290		
	20	1	1	2	A227-30 20 080	20.0	80.0	58.0	80.0	40.0	46.0	20	0.79	1
						.787	3.150	2.283	3.150	1.575	1.811	290		
	25	1	1	2	A227-30 25 085	25.0	85.0	61.0	85.0	45.0	46.0	20	0.89	1
						.984	3.346	2.402	3.346	1.772	1.811	290		
	32	1	1	1	A227-30 32 090	32.0	90.0	90.0		52.0		20	1.00	1
						1.260	3.543	3.543		2.047		290		
40	16	7	1	2	A2B27-40 16 070	16.0	70.0	43.0	70.0	36.0	63.0	20	1.06	1
						.630	2.756	1.693	2.756	1.417	2.480	290		
	20	7	1	2	A2B27-40 20 075	20.0	75.0	48.0	75.0	40.0	63.0	20	1.30	1
						.787	2.953	1.890	2.953	1.575	2.480	290		
	25	7	1	2	A2B27-40 25 080	25.0	80.0	53.0	80.0	45.0	63.0	20	1.30	1
						.984	3.150	2.087	3.150	1.772	2.480	290		
	32	7	1	2	A2B27-40 32 085	32.0	85.0	58.0	85.0	52.0	63.0	20	1.30	1
						1.260	3.346	2.283	3.346	2.047	2.480	290		
50	16	7	1	2	A2B27-50 16 080	16.0	80.0	42.0	80.0	36.0	100.0	20	3.02	1
						.630	3.150	1.654	3.150	1.417	3.937	290		
	20	7	1	2	A2B27-50 20 085	20.0	85.0	47.0	85.0	40.0	100.0	20	3.03	1
						.787	3.346	1.850	3.346	1.575	3.937	290		
	25	7	1	2	A2B27-50 25 090	25.0	90.0	52.0	90.0	45.0	100.0	20	3.04	1
						.984	3.543	2.047	3.543	1.772	3.937	290		
	32	7	1	2	A2B27-50 32 095	32.0	95.0	57.0	95.0	52.0	100.0	20	3.05	1
						1.260	3.740	2.244	3.740	2.047	3.937	290		
	40	7	1	2	A2B27-50 40 105	40.0	105.0	67.0	105.0	76.0	100.0	20	3.00	1
						1.575	4.134	2.638	4.134	2.992	3.937	290		
	50	7	1	2	A2B27-50 50 113	50.0	113.0	75.0	113.0	76.0	100.0	20	4.70	1
						1.969	4.449	2.953	4.449	2.992	3.937	290		



P11



Q1



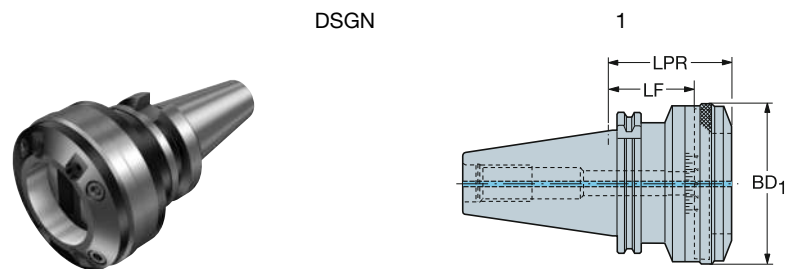
Q35



Q31

MAS-BT 403 to ISO 9766 adjustable adapter

Machine side interface compatible with JIS B 6339



					Dimensions, mm, inch					
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	BD ₁	CP Bar/PSI 
40	1	1	1	1	392.55277-40 01 055A	78.0	55.0	79.6	86.0	20
						3.071	2.165	3.134	3.386	290
50	2	1	1	1	392.58277-50 02 063A	98.0	63.0	87.6	106.0	20
						3.858	2.480	3.449	4.173	290
	3	1	1	1	392.58277-50 03 080B	136.0	80.0	90.0	140.0	20
						5.354	3.150	3.543	5.512	290

 P41

 P11

 Q1

 Q35



MAS-BT 403 to CoroChuck™ 930

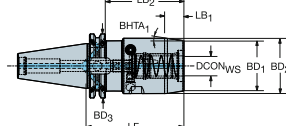
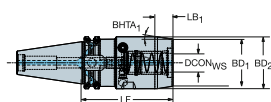
Heavy-duty design

Machine side interface compatible with JIS B 6339

DSGN

3

6



Metric bore

					Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁	CP Bar/PSI	Kg	BBD	RPMX
40	20	7	1	6	930-B40-HD-20-088	20.0	88.0	17.8	61.0	88.0	50.0	55.0	63.0	8°	80	1.97	1	18000
						.787	3.465	.701	2.402	3.465	1.969	2.165	2.480		1160			
	25	7	1	3	930-B40-HD-25-094	25.0	94.0	18.8	94.0		57.0	65.0		12°	80	2.45	1	18000
						.984	3.701	.740	3.701		2.244	2.559			1160			
50	20	7	1	6	930-B50-HD-20-102	20.0	102.0	17.8	64.0	102.0	50.0	55.0	100.0	8°	80	4.73	1	12000
						.787	4.016	.701	2.520	4.016	1.969	2.165	3.937		1160			
	25	7	1	6	930-B50-HD-25-106	25.0	106.0	18.8	68.0	106.0	57.0	65.0	100.0	12°	80	5.18	1	12000
						.984	4.173	.740	2.677	4.173	2.244	2.559	3.937		1160			
	32	7	1	6	930-B50-HD-32-096	32.0	96.0	18.8	58.0	96.0	68.0	76.0	100.0	12°	80	5.32	1	12000
						1.260	3.780	.740	2.283	3.780	2.677	2.992	3.937		1160			

Slender design

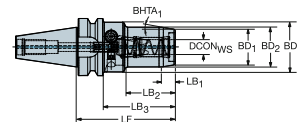
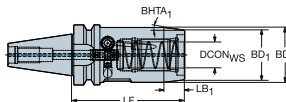
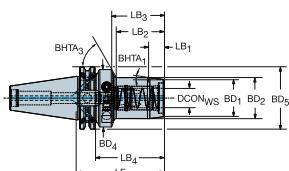
Machine side interface compatible with JIS B 6339

DSGN

20

3

6



Metric bore

					Dimensions, mm, inch																
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₁	CP 	Bar/PSI 	Kg 	BBD	RPMX
30	12	1	1	6	930-B30-S-12-085A	12.0	85.0	11.3	40.0	63.0		28.0	32.0	40.0		10°	80	0.90	1	25000	
						.472	3.346	.445	1.575	2.480		1.102	1.260	1.575			1160				
	20	1	1	3	930-B30-S-20-094A	20.0	94.0	16.0	72.0			38.0	42.0			7°	80	1.08	1	25000	
						.787	3.701	.630	2.835			1.496	1.654				1160				
40	12	7	1	20	930-B40-S-12-085	12.0	85.0	11.3	38.2	43.0	58.0	27.9	32.0	32.0	50.0	10°	80	1.44	1	18000	
						.472	3.346	.445	1.504	1.693	2.283	1.098	1.260	1.260	1.969		1160				
	20	7	1	20	930-B40-S-20-094	20.0	94.0	16.0	49.2	52.2	67.0	37.9	42.0	42.0	50.0	7°	80	1.62	1	18000	
						.787	3.701	.630	1.937	2.055	2.638	1.492	1.654	1.654	1.969		1160				
50	20	7	1	20	930-B50-S-20-108	20.0	108.0	16.0	49.2	52.2	70.0	37.9	42.0	42.0	50.0	7°	80	4.36	1	12000	
						.787	4.252	.630	1.937	2.055	2.756	1.492	1.654	1.654	1.969		1160				



P14



P11



P43



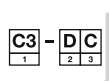
Q5



Q1



Q35

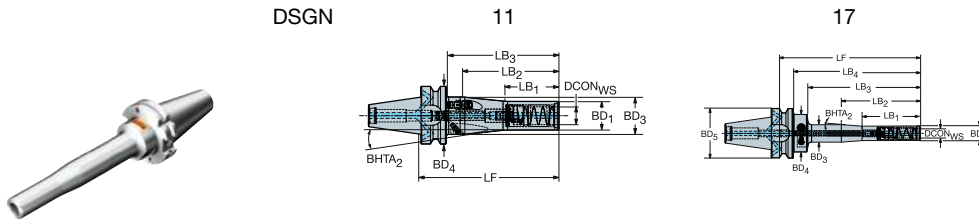


Q32

MAS-BT 403 to CoroChuck™ 930

Pencil design

Machine side interface compatible with JIS B 6339



Metric bore

					Dimensions, mm, inch																		
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₂			BBD	RPMX			
30	6	1	1	11	930-B30-P-06-088	6.0	88.0	45.8	52.1	66.0	88.0	22.0	22.0	40.0	46.0	62°	80	0.58	1	25000			
	12	1	1	11	930-B30-P-12-103	.236	3.465	1.803	2.051	2.598	3.465	.866	.866	1.575	1.811		1160						
						12.0	103.0	60.8	66.4	81.0	103.0	22.0	22.0	40.0	46.0	55°	80	0.67	1	25000			
						.472	4.055	2.394	2.614	3.189	4.055	.866	.866	1.575	1.811		1160						
	12	1	1	11	930-B30-P-12-138	12.0	138.0	95.8	101.4	116.0	138.0	22.0	22.0	40.0	46.0	55°	80	0.77	1	25000			
						.472	5.433	3.772	3.992	4.567	5.433	.866	.866	1.575	1.811		1160						
	12	1	1	17	930-B30-P-12-188	12.0	188.0	50.0	75.0	151.1	166.0	22.0	22.0	26.0	40.0	4°	80	1.03	1	25000			
						.472	7.402	1.969	2.953	5.949	6.535	.866	.866	1.024	1.575		1160						
40	12	7	1	11	930-B40-P-12-110	12.0	110.0	60.8	66.4	83.0	110.0	22.0	22.0	40.0	63.0	55°	80	1.30	1	18000			
						.472	4.331	2.394	2.614	3.268	4.331	.866	.866	1.575	2.480		1160						
	12	7	1	11	930-B40-P-12-145	12.0	145.0	95.8	101.4	118.0	145.0	22.0	22.0	40.0	63.0	55°	80	1.40	1	18000			
						.472	5.709	3.772	3.992	4.646	5.709	.866	.866	1.575	2.480		1160						
	12	7	1	17	930-B40-P-12-195	12.0	195.0	50.0	75.0	151.1	168.0	22.0	22.0	26.0	40.0	4°	80	1.65	1	18000			
						.472	7.677	1.969	2.953	5.949	6.614	.866	.866	1.024	1.575		1160						
	20	7	1	11	930-B40-P-20-153	20.0	153.0	60.0	108.0	126.0	153.0	32.0	32.0	42.0	63.0	6°	80	1.80	1	18000			
						.787	6.024	2.362	4.252	4.961	6.024	1.260	1.260	1.654	2.480		1160						



P14



P11



P43



Q1



Q35

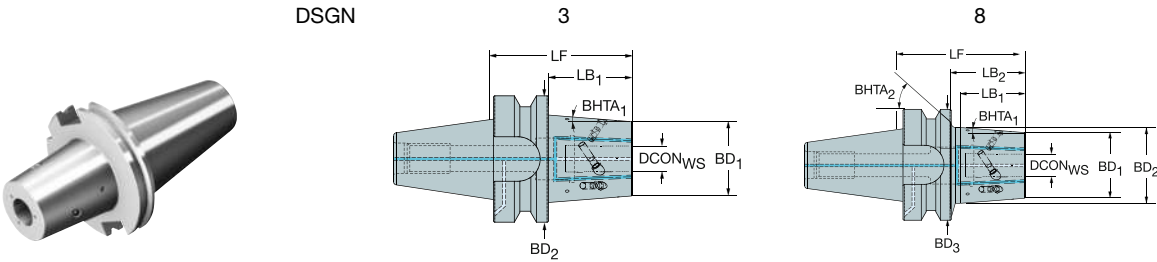


Q32

MAS-BT 403 to cylindrical shank with iLock shrink-fit chuck

Internal and external coolant supply

Machine side interface compatible with JIS B 6339



Metric bore

					Dimensions, mm, inch														
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁	BHTA ₂	 CP BarPSI	 Kg	BBD	RPMX
40	12	7	9	8	392.5519Y-40 12 070	12.0	70.0	38.4	43.0	70.0	26.5	32.5	63.0	4°	47°	80	1.20	1	18000
					.472	2.756	1.512	1.693	2.756	1.043	1.280	2.480			1160				
16	7	9	8	392.5519Y-40 16 075	16.0	75.0	43.4	48.0	75.0	29.5	36.3	63.0	4°	47°	80	1.40	1	18000	
				.630	2.953	1.709	1.890	2.953	1.161	1.429	2.480			1160					
20	7	9	8	392.5519Y-40 20 075	20.0	75.0	43.4	48.0	75.0	35.5	42.3	63.0	4°	47°	80	1.50	1	18000	
				.787	2.953	1.709	1.890	2.953	1.398	1.665	2.480			1160					
25	7	9	3	392.5519Y-40 25 085	25.0	85.0	58.0	85.0		45.5	63.0		4°	0°	80	1.70	1	18000	
				.984	3.346	2.283	3.346		1.791	2.480			1160						
50	12	7	9	8	392.5519Y-50 12 100	12.0	100.0	55.9	62.0	100.0	27.0	35.8	100.0	4°	57°	80	2.96	1	12000
					.472	3.937	2.201	2.441	3.937	1.063	1.409	3.937			1160				
16	7	9	3	392.5519Y-50 16 100	16.0	100.0	62.0	100.0		33.3	100.0		4°	0°	80	3.06	1	12000	
				.630	3.937	2.441	3.937		1.311	3.937			1160						
20	7	9	3	392.5519Y-50 20 100	20.0	100.0	62.0	100.0		44.7	100.0		4°	0°	80	3.65	1	12000	
				.787	3.937	2.441	3.937		1.760	3.937			1160						
25	7	9	3	392.5519Y-50 25 100	25.0	100.0	62.0	100.0		44.7	100.0		4°	0°	80	3.68	1	12000	
				.984	3.937	2.441	3.937		1.760	3.937			1160						

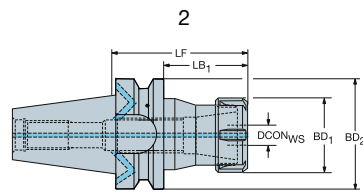
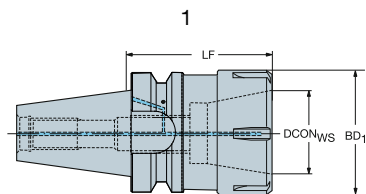


MAS-BT 403 to ER collet chuck

Machine side interface compatible with JIS B 6339

Workpiece side interface DIN 6499-B

DSGN



					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP Bar/PSI	Kg	RPMX
30	ER11	1	1	2	A2B14-30 11 050	11.4	50.0	28.0	50.0	18.7	46.0	80	0.31	25000
	ER16	1	1	2	A214-30 16 080	.449	1.969	1.102	1.969	.736	1.811	1160		
	ER16	1	1	2	A214-30 16 100	17.0	80.0	55.0	80.0	28.0	46.0	80	0.68	25000
	ER16	1	1	2	A214-30 16 130	.669	3.150	2.165	3.150	1.102	1.811	1160		
	ER16	1	1	2	A214-30 16 130	17.0	100.0	72.0	100.0	28.0	46.0	80	0.99	25000
	ER16	1	1	2	A214-30 16 130	.669	3.937	2.835	3.937	1.102	1.811	1160		
	ER16	1	1	2	A214-30 16 050	17.0	130.0	102.0	130.0	28.0	46.0	80	0.75	25000
	ER16	1	1	2	A214-30 16 050	.669	5.118	4.016	5.118	1.102	1.811	1160		
	ER20	1	1	2	A214-30 20 090	17.0	50.0	28.0	50.0	27.7	46.0	80	0.31	25000
	ER20	1	1	2	A214-30 20 090	.669	1.969	1.102	1.969	1.091	1.811	1160		
	ER20	1	1	2	A214-30 20 130	.827	3.543	2.559	3.543	1.339	1.811	1160		
	ER20	1	1	2	A214-30 20 130	21.0	130.0	105.0	130.0	34.0	46.0	80	1.21	25000
	ER20	1	1	2	A214-30 20 050	.827	5.118	4.134	5.118	1.339	1.811	1160		
	ER20	1	1	2	A214-30 20 050	21.0	50.0	28.0	50.0	33.7	46.0	80	0.31	25000
	ER20	1	1	2	A214-30 20 050	.827	1.969	1.102	1.969	1.327	1.811	1160		
	ER25	1	1	2	A214-30 25 100	26.0	100.0	78.0	100.0	42.0	46.0	80	1.13	25000
	ER25	1	1	2	A214-30 25 100	1.024	3.937	3.071	3.937	1.654	1.811	1160		
	ER25	1	1	2	A214-30 25 130	26.0	130.0	108.0	130.0	42.0	46.0	80	0.54	25000
	ER25	1	1	2	A214-30 25 130	1.024	5.118	4.252	5.118	1.654	1.811	1160		
	ER25	1	1	2	A2B14-30 25 062	26.0	62.0	44.4	62.4	41.7	46.0	80	0.49	25000
	ER25	1	1	2	A2B14-30 25 062	1.024	2.441	1.748	2.457	1.642	1.811	1160		
	ER32	1	1	1	A214-30 32 130	33.0	130.0	130.0		50.0		80	0.66	25000
	ER32	1	1	1	A214-30 32 130	1.299	5.118	5.118		1.969		1160		
	ER32	1	1	1	A2B14-30 32 060	33.0	60.0	60.0		49.7		80	0.31	25000
	ER32	1	1	1	A2B14-30 32 060	1.299	2.362	2.362		1.957		1160		
40	ER16	7	1	2	A2B14-40 16 070	17.0	70.0	40.0	70.0	28.0	63.0	80	0.80	18000
	ER16	7	1	2	A2B14-40 16 070	.669	2.756	1.575	2.756	1.102	2.480	1160		
	ER16	7	1	2	A2B14-40 16 100	17.0	100.0	68.0	100.0	28.0	63.0	80	1.06	18000
	ER16	7	1	2	A2B14-40 16 100	.669	3.937	2.677	3.937	1.102	2.480	1160		
	ER20	7	1	2	A2B14-40 20 070	21.0	70.0	40.0	70.0	34.0	63.0	80	0.80	18000
	ER20	7	1	2	A2B14-40 20 070	.827	2.756	1.575	2.756	1.339	2.480	1160		
	ER20	7	1	2	A2B14-40 20 100	21.0	100.0	70.0	100.0	34.0	63.0	80	1.30	18000
	ER20	7	1	2	A2B14-40 20 100	.827	3.937	2.756	3.937	1.339	2.480	1160		
	ER25	7	1	2	A2B14-40 25 070	26.0	70.0	43.0	70.0	42.0	63.0	80	0.80	18000
	ER25	7	1	2	A2B14-40 25 070	1.024	2.756	1.693	2.756	1.654	2.480	1160		
	ER25	7	1	2	A2B14-40 25 100	26.0	100.0	70.0	100.0	42.0	63.0	80	1.30	18000
	ER25	7	1	2	A2B14-40 25 100	1.024	3.937	2.756	3.937	1.654	2.480	1160		
	ER32	7	1	2	A2B14-40 32 070	33.0	70.0	43.0	70.0	50.0	63.0	80	0.80	18000
	ER32	7	1	2	A2B14-40 32 070	1.299	2.756	1.693	2.756	1.969	2.480	1160		
	ER40	7	1	1	A2B14-40 40 070	41.0	70.0	70.0		63.0		80	0.80	18000
	ER40	7	1	1	A2B14-40 40 070	1.614	2.756	2.756		2.480		1160		



P20



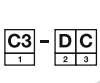
P11



Q1



Q35

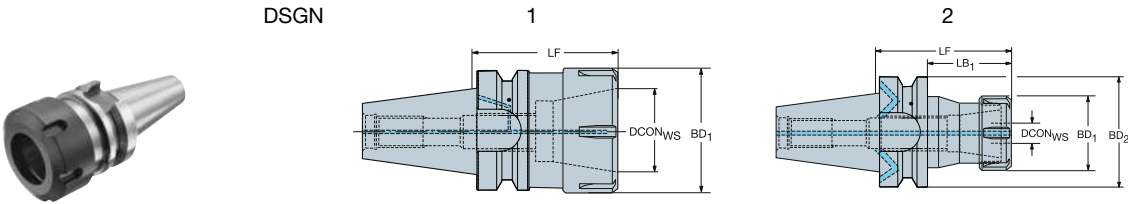


Q31

MAS-BT 403 to ER collet chuck

Machine side interface compatible with JIS B 6339

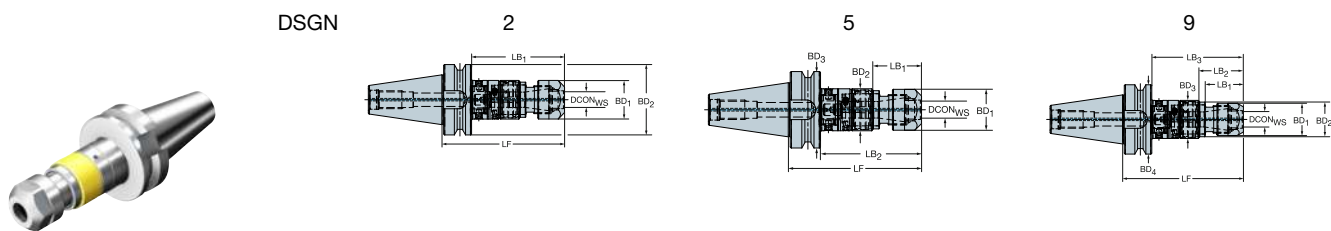
Workpiece side interface DIN 6499-B



					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	 Kg	RPMX
50	ER20	7	1	2	A2B14-50 20 070	21.0	70.0	32.0	70.0	34.0	100.0	80	3.00	12000
	ER20	7	1	2	A2B14-50 20 100	21.0	100.0	47.0	100.0	34.0	100.0	80	3.00	12000
	ER25	7	1	2	A2B14-50 25 070	26.0	70.0	32.0	70.0	42.0	100.0	80	3.00	12000
	ER25	7	1	2	A2B14-50 25 100	26.0	100.0	47.0	100.0	42.0	100.0	80	3.00	12000
	ER32	7	1	2	A2B14-50 32 070	33.0	70.0	32.0	70.0	50.0	100.0	80	3.00	12000
	ER32	7	1	2	A2B14-50 32 100	33.0	100.0	47.0	100.0	50.0	100.0	80	3.00	12000
	ER40	7	1	2	A2B14-50 40 080	41.0	80.0	42.0	80.0	63.0	100.0	80	3.00	12000



Workpiece side interface DIN 6499-B



							Dimensions, mm, inch															
CZC _{WS}	CZC _{YS}	TRMAX	CNSC	CXSC	DSGN	Ordering code	DCON	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BarPSI	RPMX						
30	ER11	M5	1	1	9	970-B30-11-082	11	82.0	24.1	60.0	82.0	19.9	23.5	46.0	80	0.52	8000					
							.445	3.228	.949	2.362	3.228	.783	.925	1.811	1160							
	ER20	M12	1	1	5	970-B30-20-105	20	105.2	40.3	83.2	105.2	33.7	34.6	46.0	80	0.81	8000					
							.819	4.142	1.587	3.276	4.142	1.327	1.362	1.811	1160							
	ER25	M20	1	1	5	970-B30-25-125	25	124.6	42.1	102.6	124.6	42.0	44.0	46.0	80	1.20	8000					
							1.016	4.906	1.657	4.039	4.906	1.654	1.732	1.811	1160							
40	ER20	M12	1	1	5	970-B40-20-110	20	110.2	40.3	83.2	110.2	33.7	34.6	63.0	80	1.40	8000					
							.819	4.339	1.587	3.276	4.339	1.327	1.362	2.480	1160							
	ER25	M20	1	1	5	970-B40-25-130	25	129.6	42.1	102.6	129.6	42.0	44.0	63.0	80	1.78	8000					
							1.016	5.102	1.657	4.039	5.102	1.654	1.732	2.480	1160							
50	ER20	M12	1	1	5	970-B50-20-125	20	125.2	40.3	87.2	125.2	33.7	34.6	100.0	80	3.98	8000					
							.819	4.929	1.587	3.433	4.929	1.327	1.362	3.937	1160							
	ER25	M20	1	1	5	970-B50-25-145	25	144.6	42.1	106.6	144.6	42.0	44.0	100.0	80	4.38	8000					
							1.016	5.693	1.657	4.197	5.693	1.654	1.732	3.937	1160							
	ER40	M30	1	1	2	970-B50-40-174	40	174.0	136.0	174.0		62.7	100.0		80	5.66	8000					
							1.606	6.850	5.354	6.850		2.469	3.937		1160							


$$\begin{array}{|c|} \hline \mathbf{C3} \\ \hline 1 \\ \hline \end{array} - \begin{array}{|c|c|} \hline \mathbf{D} & \mathbf{C} \\ \hline 2 & 3 \\ \hline \end{array}$$

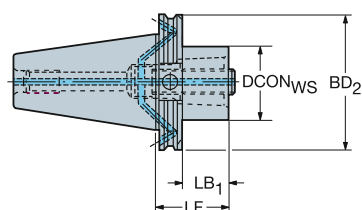
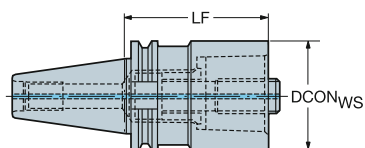

CAT-V to Coromant Capto® adapter

Machine side interface ASME B5.50-2009

DSGN

1

2



					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	Kg	BBD
40	C3	7	1	2	C3-A390B.45-40 030	32.0	30.0	10.9	30.0	32.0	63.5	80	0.83	1
						1.260	1.181	.429	1.181	1.260	2.500	1160		
	C3	7	1	2	C3-A390B.45-40 060	32.0	60.0	40.9	60.0	32.0	63.5	80	1.00	1
						1.260	2.362	1.610	2.362	1.260	2.500	1160		
	C4	7	1	2	C4-A390B.45-40 030	40.0	30.0	10.9	30.0	40.0	63.5	80	0.83	1
						1.575	1.181	.429	1.181	1.575	2.500	1160		
	C4	7	1	2	C4-A390B.45-40 060	40.0	60.0	40.9	60.0	40.0	63.5	80	1.10	1
						1.575	2.362	1.610	2.362	1.575	2.500	1160		
	C5	7	1	2	C5-A390B.45-40 040	50.0	40.0	20.9	40.0	50.0	63.5	80	0.93	1
						1.969	1.575	.823	1.575	1.969	2.500	1160		
	C5	7	1	2	C5-A390B.45-40 080	50.0	80.0	60.9	80.0	50.0	63.5	80	1.50	1
						1.969	3.150	2.398	3.150	1.969	2.500	1160		
	C6	7	1	2	C6-A390B.45-40 085	63.0	85.0	65.9	85.0	63.0	63.5	80	1.93	1
						2.480	3.346	2.594	3.346	2.480	2.500	1160		
50	C3	7	1	2	C3-A390B.45-50 030	32.0	30.0	10.9	30.0	32.0	98.4	80	2.60	1
						1.260	1.181	.429	1.181	1.260	3.874	1160		
	C3	7	1	2	C3-A390B.45-50 060	32.0	60.0	40.9	60.0	32.0	98.4	80	2.71	1
						1.260	2.362	1.610	2.362	1.260	3.874	1160		
	C4	7	1	2	C4-A390B.45-50 030	40.0	30.0	10.9	30.0	40.0	98.4	80	2.62	1
						1.575	1.181	.429	1.181	1.575	3.874	1160		
	C4	7	1	2	C4-A390B.45-50 060	40.0	60.0	40.9	60.0	40.0	98.4	80	2.83	1
						1.575	2.362	1.610	2.362	1.575	3.874	1160		
	C5	7	1	2	C5-A390B.45-50 030	50.0	30.0	10.9	30.0	50.0	98.4	80	2.60	1
						1.969	1.181	.429	1.181	1.969	3.874	1160		
	C5	7	1	2	C5-A390B.45-50 070	50.0	70.0	50.9	70.0	50.0	98.4	80	3.10	1
						1.969	2.756	2.004	2.756	1.969	3.874	1160		
	C6	7	1	2	C6-A390B.45-50 030	63.0	30.0	10.9	30.0	63.0	98.4	80	2.51	1
						2.480	1.181	.429	1.181	2.480	3.874	1160		
	C6	7	1	2	C6-A390B.45-50 080	63.0	80.0	60.9	80.0	63.0	98.4	80	3.60	1
						2.480	3.150	2.398	3.150	2.480	3.874	1160		
	C8	7	1	2	C8-A390B.45-50 070	80.0	70.0	50.9	70.0	80.0	98.4	80	3.73	1
						3.150	2.756	2.004	2.756	3.150	3.874	1160		
	C8	7	1	2	C8-A390B.45-50 120	80.0	120.0	100.9	120.0	80.0	98.4	80	5.55	1
						3.150	4.724	3.972	4.724	3.150	3.874	1160		
	C10	7	1	1	C10-A390.44-50 140	100.0	140.0	140.0		100.0		80	7.76	0
						3.937	5.512	5.512		3.937		1160		



P43



P11

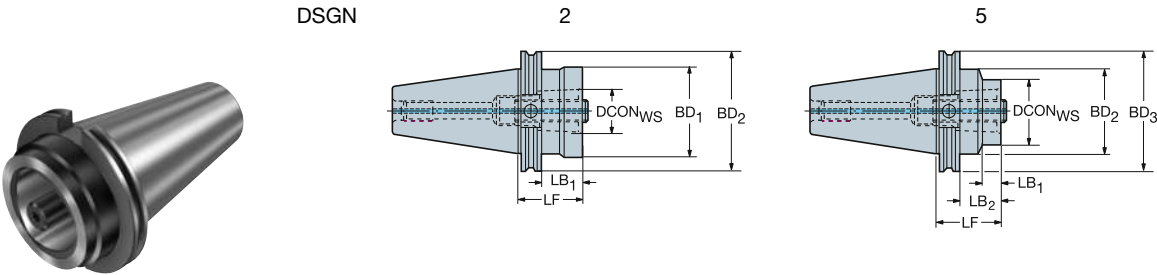


Q1



Q35

CAT-V to Coromant Capto® adapter
Machine side interface compatible with ASME B5.50-1985



					Dimensions, mm, inch										CP BarPSI		
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃				
45	C5	1	1	5	C5-A390.45-45 040	50.0	40.0	2.8	20.9	40.0	50.0	57.4	82.6	80	1.70		
						1.969	1.575	.110	.823	1.575	1.969	2.260	3.252	1160			
	C6	1	1	2	C6-A390.45-45 050	63.0	50.0	30.9	50.0		63.0	82.5		80	4.10		
						2.480	1.969	1.217	1.969		2.480	3.248		1160			
60	C8	1	1	5	C8-A390.45-60 050	80.0	50.0	3.8	30.9	50.0	80.0	108.2	139.7	80	9.70		
						3.150	1.969	.150	1.217	1.969	3.150	4.260	5.500	1160			
	C10	1	1	5	C10-A390.45-60 050	100.0	50.0	10.5	30.9	50.0	100.0	108.0	139.7	80	9.00		
						3.937	1.969	.413	1.217	1.969	3.937	4.252	5.500	1160			

 P43

 P11

 Q1

 Q35



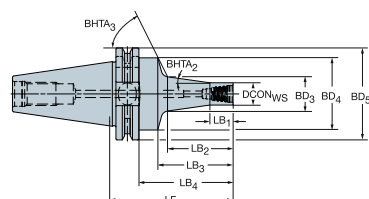
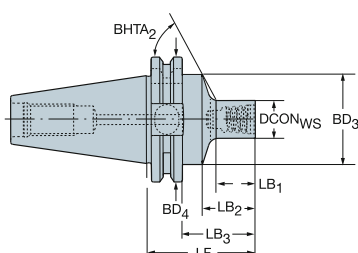
CAT-V to Coromant EH adapter

Machine side interface compatible with ASME B5.50-1985

DSGN

11

18



Inch version

					Dimensions, mm, inch																
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₂	 CP BarPSI	 Kg	BBD	RPMX	
40	E10	1	1	11	A392.45EH-40 10 056	9.2	56.0	12.0	21.0	36.9	56.0	9.2	9.2	44.5	63.5	63°	80	1.06	1	18000	
						.360	2.205	.472	.827	1.453	2.205	.360	.360	1.752	2.500		1160				
	E10	1	1	18	A392.45EH-40 10 068	9.2	68.0	9.5	25.7	33.0	48.9	9.2	9.2	13.7	44.4	8°	80	1.06	1	18000	
						.360	2.677	.374	1.012	1.299	1.925	.360	.360	.539	1.748		1160				
	E12	1	1	11	A392.45EH-40 12 060	12.2	60.0	16.4	25.0	40.9	60.0	12.2	12.2	44.4	63.5	62°	80	1.06	1	18000	
						.480	2.362	.646	.984	1.610	2.362	.480	.480	1.748	2.500		1160				
	E12	1	1	18	A392.45EH-40 12 078	12.2	78.0	12.7	36.4	43.0	58.9	12.2	12.2	18.9	44.4	8°	80	1.10	1	18000	
						.480	3.071	.500	1.433	1.693	2.319	.480	.480	.744	1.748		1160				
	E16	1	1	11	A392.45EH-40 16 065	15.4	65.0	21.8	30.0	45.9	65.0	15.4	15.4	44.4	63.5	61°	80	1.08	1	18000	
						.606	2.559	.858	1.181	1.807	2.559	.606	.606	1.748	2.500		1160				
	E16	1	1	18	A392.45EH-40 16 086	15.4	86.0	15.8	45.1	51.0	66.9	15.4	15.4	23.6	44.4	8°	80	1.13	1	18000	
						.606	3.386	.622	1.776	2.008	2.634	.606	.606	.929	1.748		1160				
	E20	1	1	11	A392.45EH-40 20 060	18.4	60.0	17.2	25.0	40.9	60.0	18.4	18.4	44.4	63.5	60°	80	1.08	1	18000	
						.724	2.362	.677	.984	1.610	2.362	.724	.724	1.748	2.500		1160				
	E20	1	1	18	A392.45EH-40 20 096	18.4	96.0	19.0	55.7	61.0	76.9	18.4	18.4	28.7	44.4	8°	80	1.20	1	18000	
						.724	3.780	.748	2.193	2.402	3.028	.724	.724	1.130	1.748		1160				
	E25	1	1	11	A392.45EH-40 25 068	24.4	68.0	26.0	33.0	48.9	68.0	24.4	24.4	44.4	63.5	56°	80	1.12	1	18000	
						.961	2.677	1.024	1.299	1.925	2.677	.961	.961	1.748	2.500		1160				
	E25	1	1	18	A392.45EH-40 25 114	24.4	114.0	25.4	76.3	79.0	94.9	24.4	24.4	38.7	44.4	8°	80	1.42	1	18000	
						.961	4.488	1.000	3.004	3.110	3.736	.961	.961	1.524	1.748		1160				



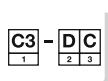
P11



Q1



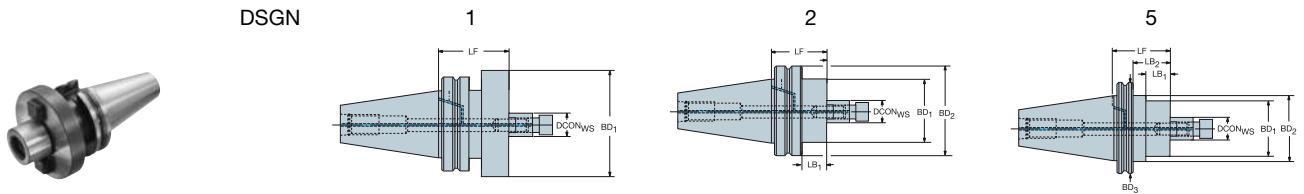
Q35



Q30

CAT-V to arbor adapter

Machine side interface compatible with ASME B5.50-1985



Metric pilot

						Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DBC	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	 Kg	BBD	
40	16	7	1	2	AA3B05-40 16 035		16.0	35.0	15.9	35.0	36.0	63.6	80	0.93	1	
							.630	1.378	.626	1.378	1.417	2.502	1160			
	22	7	1	2	AA3B05-40 22 035		22.0	35.0	15.9	35.0	43.5	63.6	80	1.00	1	
							.866	1.378	.626	1.378	1.711	2.502	1160			
	27	7	1	2	AA3B05-40 27 050		27.0	50.0	30.9	50.0	60.0	63.6	80	1.10	1	
							1.063	1.969	1.217	1.969	2.362	2.502	1160			
	32	7	1	1	AA3B05-40 32 050		32.0	50.0	50.0		78.0		80	1.59	1	
							1.260	1.969	1.969		3.071		1160			
50	22	7	1	2	AA3B05-50 22 035		22.0	35.0	15.9	35.0	43.5	98.4	80	2.95	1	
							.866	1.378	.626	1.378	1.711	3.875	1160			
	27	7	1	2	AA3B05-50 27 035		27.0	35.0	15.9	35.0	60.0	98.4	80	3.00	1	
							1.063	1.378	.626	1.378	2.362	3.875	1160			
	32	7	1	2	AA3B05-50 32 050		32.0	50.0	30.9	50.0	78.0	98.4	80	3.20	1	
							1.260	1.969	1.217	1.969	3.071	3.875	1160			
	40S	7	1	2	AA3B05-50 40 050		66.7	40.0	50.0	30.9	50.0	89.0	98.4	80	3.95	1
							2.626	1.575	1.969	1.217	1.969	3.504	3.875	1160		

Inch pilot

						Dimensions, mm, inch														
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DBC	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃			BBD			
40	3/4	7	1	2	AA3B05-40 19 038		19.1	38.1	15.9	38.1		44.5	63.6		80	1.05	1			
							.750	1.500	.626	1.500		1.750	2.502		1160					
	1	7	1	2	AA3B05-40 25 051		25.4	50.8	31.7	50.8		57.2	63.6		80	1.28	1			
							1.000	2.000	1.250	2.000		2.250	2.502		1160					
	1 1/4	7	1	1	AA3B05-40 32 057		31.8	57.2	57.1			69.9			80	1.59	1			
							1.250	2.250	2.250			2.750			1160					
	1 1/2	7	1	1	AA3B05-40 38 061		38.1	61.0	60.9			95.3			80	2.12	1			
							1.500	2.400	2.400			3.750			1160					
50	3/4	7	1	5	AA3B05-50 19 038		19.1	38.1	3.0	19.0	38.1	44.4	69.8	98.4	80	2.90	1			
							.750	1.500	.118	.748	1.500	1.748	2.748	3.875	1160					
	3/4	7	1	5	AA3B05-50 19 089		19.1	88.9	53.8	69.8	88.9	44.4	69.8	98.4	80	2.90	1			
							.750	3.500	2.118	2.748	3.500	1.748	2.748	3.875	1160					
	1	7	1	5	AA3B05-50 25 051		25.4	50.8	15.7	31.8	50.8	57.2	69.8	98.4	80	2.90	1			
							1.000	2.000	.618	1.252	2.000	2.252	2.748	3.875	1160					
	1	7	1	5	AA3B05-50 25 101		25.4	101.6	66.5	82.6	101.6	57.2	69.8	98.4	80	2.90	1			
							1.000	4.000	2.618	3.252	4.000	2.252	2.748	3.875	1160					
	1 1/4	7	1	2	AA3B05-50 32 038		31.8	38.1	19.0	38.1		69.9	98.4		80	2.94	1			
							1.250	1.500	.750	1.500		2.750	3.875		1160					
	1 1/4	7	1	2	AA3B05-50 32 089		31.8	88.9	69.8	88.9		69.8	98.4		80	2.95	1			
							1.250	3.500	2.748	3.500		2.748	3.875		1160					
	1 1/2	7	1	2	AA3B05-50 38 061		38.1	61.0	41.9	61.0		95.3	98.4		80	4.66	1			
							1.500	2.400	1.650	2.402		3.750	3.875		1160					
	1 1/2	7	1	2	AA3B05-50 38 101		38.1	101.6	82.6	101.6		95.3	98.4		80	4.67	1			
							1.500	4.000	3.252	4.000		3.750	3.875		1160					
	2	7	1	1	AA3B05-50 51 061		101.6	50.8	61.0	60.9		123.8			80	4.67	1			
							4.000	2.000	2.400	2.400		4.875			1160					
	2 1/2	7	1	1	AA3B05-50 63 061		101.6	63.5	61.0	60.9		123.8			80	4.67	1			
							4.000	2.500	2.400	2.400		4.875			1160					



P13



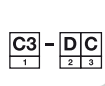
P11



Q1



Q35



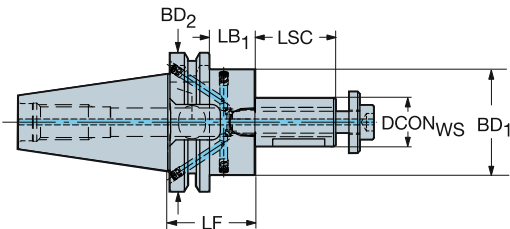
Q31

CAT-V to side and face-mill arbor adapter

Machine side interface compatible with ASME B5.50-1985

DSGN

2



Inch pilot

					Dimensions, mm, inch										CP BarPSI		Kg		BBD
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LSC	LF	LB ₁	LB ₂	BD ₁	BD ₂							
40	1	7	1	2	AA3B10-40 25 055	25.4	50	55.0	35.9	55.0	43.0	63.6	20	1.58	1				
						1.000	1.969	2.165	1.413	2.165	1.693	2.502	290						
	1 1/4	7	1	2	AA3B10-40 31 060	31.8	60	60.0	40.9	60.0	48.0	63.6	20	1.85	1				
						1.250	2.362	2.362	1.610	2.362	1.890	2.502	290						
	1 1/2	7	1	2	AA3B10-40 38 060	38.1	60	60.0	40.9	60.0	56.0	63.6	20	1.32	1				
						1.500	2.362	2.362	1.610	2.362	2.205	2.502	290						

P34

P11

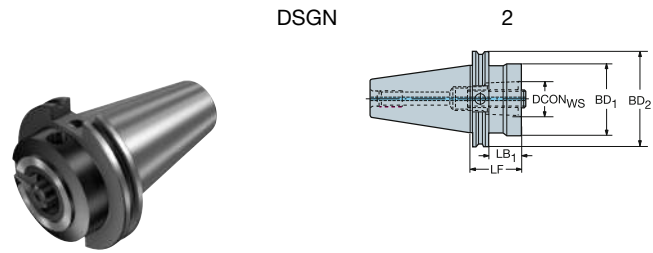
Q1

Q35

Q31

CAT-V to VL adapter

Machine side interface compatible with ASME B5.50-1985



					Dimensions, mm, inch								CP BarPSI		
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂				
50	80	1	1	2	A390.45-50 80 050M	80.0	50.0	30.9	50.0	80.0	98.4	20	290	5.23	
						3.150	1.969	1.217	1.969	3.150	3.874				

 P42

 P11

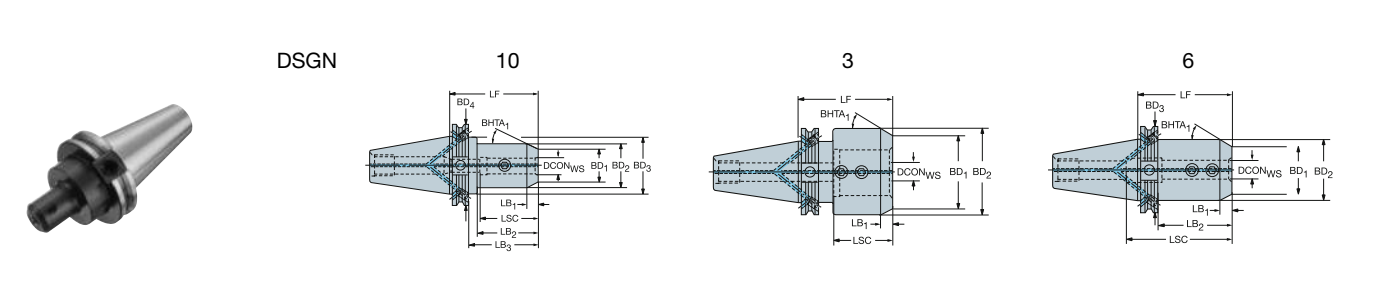
 Q1

 Q35



CAT-V to Weldon adapter

Machine side interface compatible with ASME B5.50-1985



Metric bore

					Dimensions, mm, inch													 	
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₁	Bar/PSI	Kg	
40	20	7	1	6	392.45520-40 20 089	20.0	88.9	7.6	71.4	90.4		29.2	44.4	63.5		45°	20	1.50	
						.787	3.500	.299	2.811	3.559		1.150	1.748	2.500		290			
	25	7	1	6	392.45520-40 25 100	25.0	101.6	7.6	82.6	101.6		35.6	50.8	63.5		45°	20	2.08	
						.984	4.000	.299	3.252	4.000		1.402	2.000	2.500		290			
	32	7	1	3	392.45520-40 32 100	32.0	101.6	10.8	101.6		41.9	63.5			45°	20	2.08		
						1.260	4.000	.425	4.000		1.650	2.500		290					
50	20	7	1	10	392.45520-50 20 095	20.0	95.3	7.6	60.2	76.2	95.2	29.2	44.4	69.8	98.4	45°	20	4.48	
						.787	3.750	.299	2.370	3.000	3.748	1.150	1.748	2.750	3.874		290		
	25	7	1	10	392.45520-50 25 100	25.0	101.6	7.6	66.5	82.6	101.6	35.6	50.8	69.8	98.4	45°	20	4.49	
						.984	4.000	.299	2.618	3.250	4.000	1.400	2.000	2.750	3.874		290		
	32	7	1	10	392.45520-50 32 100	32.0	101.6	10.8	66.5	82.6	101.6	41.9	63.5	69.8	98.4	45°	20	4.50	
						1.260	4.000	.425	2.618	3.250	4.000	1.650	2.500	2.750	3.874		290		
	40	7	1	6	392.45520-50 40 100	40.0	101.6	10.8	82.5	101.6		48.2	69.8	98.4		45°	20	4.50	
						1.575	4.000	.425	3.250	4.000		1.898	2.748	3.874		290			



CAT-V to Weldon adapter

Machine side interface compatible with ASME B5.50-1985

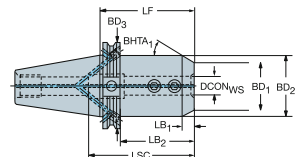
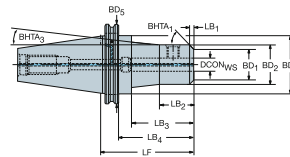
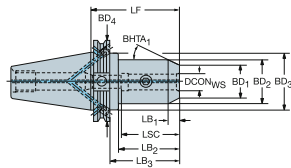
Workpiece side interface ANSI B94.19

DSGN

10

20

6



Inch bore

						Dimensions, mm, inch																
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₁			BBD			
40	1/8	7	1	6	AA3B20-40 03 044	3.2	44.5	2.0	25.4	44.4		13.4	17.5	63.5		45°	20	0.70	1			
						.125	1.750	.079	1.000	1.748		.528	.689	2.500			290					
	1/4	7	1	10	AA3B20-40 06 063	6.4	63.5	2.8	28.4	44.4	63.5	16.6	22.2	44.4	63.5	45°	20	1.05	1			
						.250	2.500	.110	1.118	1.748	2.500	.654	.874	1.748	2.500		290					
	3/8	7	1	6	AA3B20-40 09 044	9.5	44.5	2.8	25.4	44.4		19.6	25.4	63.5		45°	20	0.80	1			
						.375	1.750	.110	1.000	1.748		.772	1.000	2.500			290					
	3/8	7	1	10	AA3B20-40 09 063	9.5	63.5	2.8	28.4	44.4	63.5	20.0	25.4	44.4	63.5	45°	20	1.05	1			
						.375	2.500	.110	1.118	1.748	2.500	.787	1.000	1.748	2.500		290					
	1/2	7	1	6	AA3B20-40 13 044	12.7	44.5	9.4	25.4	44.4		25.7	44.4	63.5		45°	20	0.80	1			
						.500	1.750	.370	1.000	1.748		1.012	1.748	2.500			290					
	1/2	7	1	10	AA3B20-40 13 067	12.7	66.6	4.6	31.5	47.5	66.5	22.6	31.8	44.4	63.5	45°	20	1.05	1			
						.500	2.620	.181	1.240	1.870	2.618	.890	1.252	1.748	2.500		290					
	5/8	7	1	6	AA3B20-40 16 044	15.9	44.5	9.4	25.4	44.4		25.7	44.4	63.5		45°	20	0.80	1			
						.625	1.750	.370	1.000	1.748		1.012	1.748	2.500			290					
	5/8	7	1	10	AA3B20-40 16 070	15.9	69.9	5.6	34.8	50.8	69.8	26.4	38.1	44.4	63.5	45°	20	1.05	1			
						.625	2.750	.220	1.370	2.000	2.748	1.039	1.500	1.748	2.500		290					
	3/4	7	1	6	AA3B20-40 19 044	19.1	44.5	9.4	25.4	44.4		25.7	44.4	63.5		45°	20	0.80	1			
						.750	1.750	.370	1.000	1.748		1.012	1.748	2.500			290					
	3/4	7	1	6	AA3B20-40 19 089	19.1	88.9	7.6	69.8	88.9		29.2	44.4	63.5		45°	20	1.29	1			
						.750	3.500	.299	2.748	3.500		1.150	1.748	2.500			290					
	7/8	7	1	6	AA3B20-40 22 095	22.2	95.3	7.6	76.2	95.2		31.8	47.0	63.5		45°	20	1.29	1			
						.875	3.750	.299	3.000	3.748		1.252	1.850	2.500			290					
	1	7	1	6	AA3B20-40 25 044	25.4	44.5	4.3	25.4	44.4		39.8	48.3	63.5		45°	20	0.80	1			
						1.000	1.750	.169	1.000	1.748		1.567	1.900	2.500			290					
	1	7	1	6	AA3B20-40 25 101	25.4	101.6	7.6	82.6	101.6		35.5	50.8	63.5		45°	20	1.29	1			
						1.000	4.000	.299	3.252	4.000		1.398	2.000	2.500			290					
	1 1/4	7	1	3	AA3B20-40 32 101	31.8	101.6	10.6	101.6			42.8	63.5			45°	20	1.60	1			
						1.250	4.000	.417	4.000			1.685	2.500				290					
	1 1/2	7	1	3	AA3B20-40 38 101	38.1	101.6	9.1	101.6			48.4	66.7			45°	20	1.60	1			
						1.500	4.000	.358	4.000			1.906	2.625				290					
50	3/8	7	1	10	AA3B20-50 09 063	9.5	63.5	2.8	28.4	44.4	63.5	19.6	25.4	69.8	98.4	45°	20	2.92	1			
						.375	2.500	.110	1.118	1.748	2.500	.772	1.000	2.748	3.874		290					
	3/8	7	1	20	AA3B20-50 09 165	9.5	165.1	2.8	76.2	130.0	146.0	19.6	25.4	25.4	69.8	45°	20	2.92	1			
						.375	6.500	.110	3.000	5.118	5.748	.772	1.000	1.000	2.748		290					
	1/2	7	1	10	AA3B20-50 13 067	12.7	66.7	4.6	31.6	47.6	66.7	22.4	31.8	69.8	98.4	45°	20	2.92	1			
						.500	2.625	.181	1.244	1.874	2.626	.882	1.252	2.748	3.874		290					
	1/2	7	1	20	AA3B20-50 13 168	12.7	168.3	4.6	79.5	133.2	149.2	22.4	31.8	31.8	69.8	45°	20	2.92	1			
						.500	6.625	.181	3.130	5.244	5.874	.882	1.252	1.252	2.748		290					
	5/8	7	1	10	AA3B20-50 16 095	15.9	95.3	5.8	60.2	76.2	95.2	26.4	38.1	69.8	98.4	45°	20	2.92	1			
						.625	3.750	.228	2.370	3.000	3.748	1.039	1.500	2.748	3.874		290					
	5/8	7	1	20	AA3B20-50 16 197	15.9	196.9	5.8	108.0	161.8	177.8	26.4	38.1	38.1	69.8	45°	20	2.92	1			
						.625	7.750	.228	4.252	6.370	7.000	1.039	1.500	1.500	2.748		290					
	3/4	7	1	10	AA3B20-50 19 095	19.1	95.3	7.6	60.2	76.2	95.2	29.2	44.4	69.8	98.4	45°	20	2.94	1			
						.750	3.750	.299	2.370	3.000	3.748	1.150	1.748	2.748	3.874		290					
	3/4	7	1	20	AA3B20-50 19 197	19.1	196.9	7.6	108.0	161.8	177.8	29.2	44.4	44.4	69.8	45°	20	4.66	1			
						.750	7.750	.299	4.252	6.370	7.000	1.150	1.748	1.748	2.748		290					
	7/8	7	1	10	AA3B20-50 22 095	22.2	95.3	7.6	60.2	76.2	95.2	31.4	47.0	69.8	98.4	45°	20	2.90	1			
						.875	3.750	.299	2.370	3.000	3.748	1.236	1.850	2.748	3.874		290					



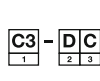
P11



Q1



Q35



Q31



CAT-V to Weldon adapter

Machine side interface compatible with ASME B5.50-1985

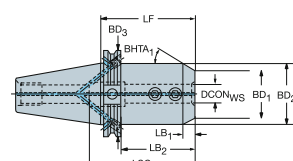
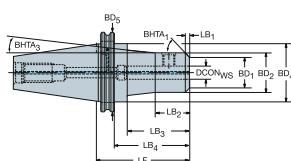
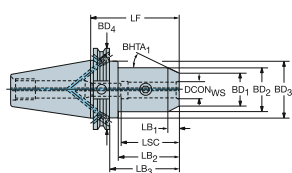
Workpiece side interface ANSI B94.19

DSGN

10

20

6



Inch bore

					Dimensions, mm, inch														
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₁			BBD
50	7/8	7	1	20	AA3B20-50 22 197	22.2	196.9	7.6	108.0	161.8	177.8	32.4	47.6	47.6	69.8	45°	20	4.60	1
						.875	7.750	.299	4.252	6.370	7.000	1.276	1.874	1.874	2.748		290		
	1	7	1	10	AA3B20-50 25 101	25.4	101.6	7.6	66.5	82.6	101.6	35.5	50.8	69.8	98.4	45°	20	2.91	1
						1.000	4.000	.299	2.618	3.252	4.000	1.398	2.000	2.748	3.874		290		
	1	7	1	20	AA3B20-50 25 203	25.4	203.2	7.6	114.3	168.1	184.2	35.5	50.8	50.8	66.8	45°	20	4.60	1
						1.000	8.000	.299	4.500	6.618	7.252	1.398	2.000	2.000	2.630		290		
	1 1/4	7	1	10	AA3B20-50 32 101	31.8	101.6	10.7	66.5	82.6	101.6	42.2	63.5	69.8	98.4	45°	20	2.92	1
						1.250	4.000	.421	2.618	3.252	4.000	1.661	2.500	2.748	3.874		290		
	1 1/4	7	1	10	AA3B20-50 32 203	31.8	203.2	10.7	168.1	184.2	203.2	42.2	63.5	69.8	98.4	45°	20	4.63	1
						1.250	8.000	.421	6.618	7.252	8.000	1.661	2.500	2.748	3.874		290		
	1 1/2	7	1	6	AA3B20-50 38 101	38.1	101.6	10.7	82.6	101.6		48.5	69.8	98.4		45°	20	2.92	1
						1.500	4.000	.421	3.252	4.000		1.909	2.748	3.874			290		
	1 1/2	7	1	6	AA3B20-50 38 203	38.1	203.2	10.7	184.2	203.2		48.5	69.8	98.4		45°	20	4.64	1
						1.500	8.000	.421	7.252	8.000		1.909	2.748	3.874			290		
	2	7	1	6	AA3B20-50 51 143	50.8	142.9	10.7	123.8	142.9		73.9	95.2	98.4		45°	20	4.64	1
						2.000	5.625	.421	4.874	5.626		2.909	3.748	3.874			290		
	2	7	1	6	AA3B20-50 51 244	50.8	244.5	10.7	225.4	244.5		73.9	95.2	98.4		45°	20	4.64	1
						2.000	9.625	.421	8.874	9.626		2.909	3.748	3.874			290		



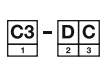
P11



Q1



Q35



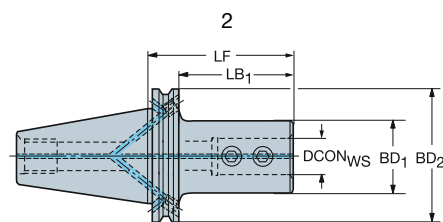
Q31

CAT-V to ISO 9766 adapter

Machine side interface compatible with ASME B5.50-1985



DSGN



Metric bore

					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	 Kg	BBD
40	16	7	1	2	A3B27-40 16 080	16.0	80.0	60.9	80.0	36.0	63.5	20	1.35	1
						.630	3.150	2.400	3.150	1.417	2.500	290		
	20	7	1	2	A3B27-40 20 080	20.0	80.0	60.9	80.0	40.0	63.5	20	1.30	1
						.787	3.150	2.400	3.150	1.575	2.500	290		
	25	7	1	2	A3B27-40 25 085	25.0	85.0	65.9	85.0	44.5	63.5	20	1.40	1
						.984	3.346	2.596	3.346	1.750	2.500	290		
	32	7	1	2	A3B27-40 32 090	32.0	90.0	70.9	90.0	52.0	63.5	20	1.50	1
						1.260	3.543	2.793	3.543	2.047	2.500	290		
50	20	7	1	2	A3B27-50 20 080	20.0	80.0	60.9	80.0	40.0	98.4	20	3.00	1
						.787	3.150	2.400	3.150	1.575	3.874	290		
	25	7	1	2	A3B27-50 25 085	25.0	85.0	65.9	85.0	45.0	98.4	20	3.10	1
						.984	3.346	2.596	3.346	1.772	3.874	290		
	32	7	1	2	A3B27-50 32 090	32.0	90.0	70.9	90.0	52.0	98.4	20	3.30	1
						1.260	3.543	2.793	3.543	2.047	3.874	290		
	40	7	1	2	A3B27-50 40 090	40.0	90.0	70.9	90.0	65.0	98.4	20	3.70	1
						1.575	3.543	2.793	3.543	2.559	3.874	290		
	50	7	1	2	A3B27-50 50 110	50.0	110.0	90.9	110.0	75.0	98.4	20	4.20	1
						1.969	4.331	3.581	4.331	2.953	3.874	290		

Inch bore

					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	 Kg	BBD
40	5/8	7	1	2	AA3B27-40 15 080	15.9	80.0	61.0	80.0	36.0	63.5	20	1.35	1
						.625	3.150	2.402	3.150	1.417	2.500	290		
	3/4	7	1	2	AA3B27-40 19 080	19.1	80.0	61.0	80.0	40.0	63.5	20	1.29	1
						.750	3.150	2.402	3.150	1.575	2.500	290		
	1	7	1	2	AA3B27-40 25 085	25.4	85.0	66.0	85.0	45.0	63.5	20	1.29	1
						1.000	3.346	2.598	3.346	1.772	2.500	290		
	1 1/4	7	1	2	AA3B27-40 32 090	31.8	90.0	71.0	90.0	52.0	63.5	20	1.29	1
						1.250	3.543	2.795	3.543	2.047	2.500	290		
50	3/4	7	1	2	AA3B27-50 19 080	19.1	80.0	61.0	80.0	40.0	98.5	20	2.98	1
						.750	3.150	2.402	3.150	1.575	3.878	290		
	1	7	1	2	AA3B27-50 25 085	25.4	85.0	66.0	85.0	45.0	98.5	20	2.98	1
						1.000	3.346	2.598	3.346	1.772	3.878	290		
	1 1/4	7	1	2	AA3B27-50 32 090	31.8	90.0	71.0	90.0	52.0	98.5	20	2.98	1
						1.250	3.543	2.795	3.543	2.047	3.878	290		
	1 1/2	7	1	2	AA3B27-50 38 090	38.1	90.0	71.0	90.0	65.0	98.5	20	2.98	1
						1.500	3.543	2.795	3.543	2.559	3.878	290		
	2	7	1	2	AA3B27-50 51 110	50.8	110.0	91.0	110.0	75.0	98.5	20	2.98	1
						2.000	4.331	3.583	4.331	2.953	3.878	290		



P11



Q1



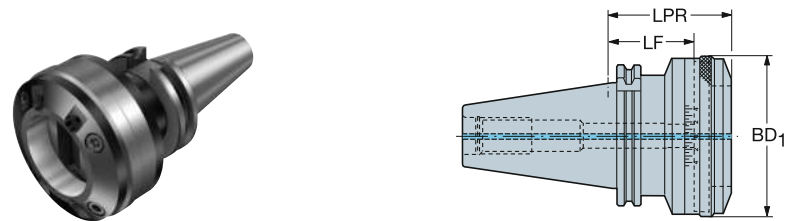
Q35



Q31

CAT-V to ISO 9766 adjustable adapter

Machine side interface compatible with ASME B5.50-1985



				Dimensions, mm, inch					
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{WS}	LF	LB ₁	BD ₁	CP Bar/PSI 
40	1	1	1	A392.45277-40 01 055A	78.0	55.0	79.6	86.0	20
					3.071	2.165	3.134	3.386	290
50	2	1	1	A392.45277-50 02 055A	98.0	55.0	76.6	106.0	20
					3.858	2.165	3.016	4.173	290
	3	1	1	A392.45277-50 03 075A	136.0	75.0	85.0	140.0	20
					5.354	2.953	3.346	5.512	290



CAT-V to CoroChuck™ 930

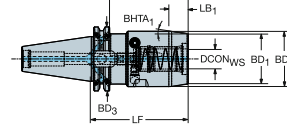
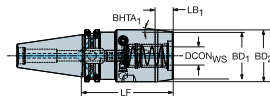
Heavy-duty design

Machine side interface ASME B5.50-2009

DSGN

3

6



Metric bore

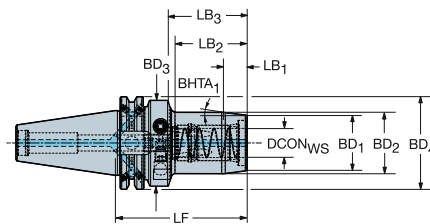
						Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁	CP Bar/PSI	Kg	BBD	RPMX
40	20	7	1	6	930-V40-HD-20-082	20.0	82.0	17.8	62.9	82.0	50.0	55.0	63.5	8°	80	1.85	1	18000
						.787	3.228	.701	2.476	3.228	1.969	2.165	2.500		1160			
	25	7	1	3	930-V40-HD-25-101	25.0	101.0	18.8	101.0		57.0	65.0		12°	80	2.61	1	18000
						.984	3.976	.740	3.976		2.244	2.559			1160			
50	20	7	1	6	930-V50-HD-20-083	20.0	83.0	17.8	63.9	83.0	50.0	55.0	98.4	8°	80	3.69	1	12000
						.787	3.268	.701	2.516	3.268	1.969	2.165	3.874		1160			
	25	7	1	6	930-V50-HD-25-087	25.0	87.0	18.8	65.4	87.0	57.0	65.0	98.4	12°	80	4.14	1	12000
						.984	3.425	.740	2.575	3.425	2.244	2.559	3.874		1160			
	32	7	1	6	930-V50-HD-32-077	32.0	77.0	18.8	57.9	77.0	68.0	76.0	98.4	12°	80	4.28	1	12000
						1.260	3.032	.740	2.280	3.032	2.677	2.992	3.874		1160			

Slender design

Machine side interface ASME B5.50-2009

DSGN

10



Metric bore

					Dimensions, mm, inch																
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₁			BBD	RPMX	
40	12	7	1	10	930-V40-S-12-080	12.0	80.0	11.3	38.2	60.9	80.0	28.0	32.0	50.0	63.5	10°	80	1.32	1	18000	
						.472	3.150	.445	1.504	2.398	3.150	1.102	1.260	1.969	2.500		1160				
	20	7	1	10	930-V40-S-20-090	20.0	90.0	16.0	49.2	70.9	90.0	38.0	42.0	50.0	63.5	7°	80	1.52	1	18000	
						.787	3.543	.630	1.937	2.791	3.543	1.496	1.654	1.969	2.500		1160				
50	20	7	1	10	930-V50-S-20-089	20.0	89.0	16.0	49.2	69.9	89.0	38.0	42.0	50.0	98.4	7°	80	3.33	1	12000	
						.787	3.504	.630	1.937	2.752	3.504	1.496	1.654	1.969	3.874		1160				



P14



P11



P43



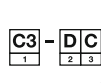
Q5



Q1



Q35

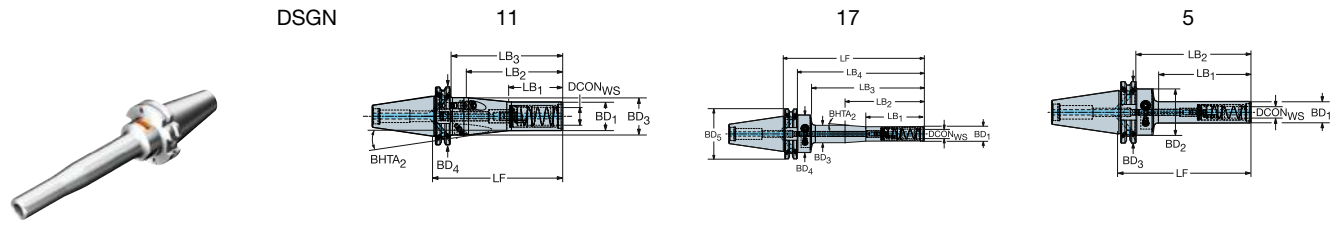


Q32

CAT-V to CoroChuck™ 930

Pencil design

Machine side interface ASME B5.50-2009



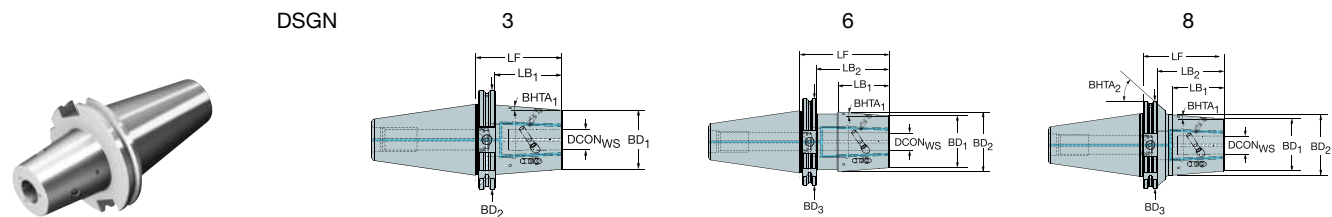
Metric bore

					Dimensions, mm, inch															
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	LB ₄	BD ₁	BD ₂	BD ₃	BD ₄	BHTA ₂	 CP Bar/PSI	 Kg	BBD	RPMX
40	12	7	1	5	930-V40-P-12-103	12.0	103.0	60.8	83.9	103.0		22.0	40.0	63.5		0°	80	1.15	1	18000
						.472	4.055	2.394	3.303	4.055		.866	1.575	2.500			1160			
	12	7	1	5	930-V40-P-12-138	12.0	138.0	95.8	118.9	138.0		22.0	40.0	63.5		0°	80	1.25	1	18000
						.472	5.433	3.772	4.681	5.433		.866	1.575	2.500			1160			
	12	7	1	17	930-V40-P-12-188	12.0	188.0	50.0	75.0	145.8	168.9	22.0	22.0	26.0	40.0	4°	80	1.50	1	18000
						.472	7.402	1.969	2.953	5.740	6.650	.866	.866	1.024	1.575		1160			
	20	7	1	11	930-V40-P-20-145	20.0	145.0	60.0	108.0	125.9	145.0	32.0	32.0	42.0	63.5	5°	80	1.64	1	18000
						.787	5.709	2.362	4.252	4.957	5.709	1.260	1.260	1.654	2.500		1160			



CAT-V to cylindrical shank with iLock shrink-fit chuck

Front coolant supply possibility
Machine side interface compatible with ASME B5.50-1985



Metric bore

					Dimensions, mm, inch														
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁	BHTA ₂	CP BarPSI	Kg	BBD	RPMX
40	12	7	9	8	392.4519Y-40 12 065	12.0	65.0	41.3	45.9	65.0	26.5	33.0	63.5	4°	47°	80	1.18	1	18000
						.472	2.559	1.626	1.807	2.559	1.043	1.299	2.502			1160			
	16	7	9	8	392.4519Y-40 16 065	16.0	65.0	42.2	45.9	65.0	29.5	36.1	63.5	4°	47°	80	1.18	1	18000
						.630	2.559	1.661	1.807	2.559	1.161	1.421	2.502			1160			
	20	7	9	3	392.4519Y-40 20 065	20.0	65.0	45.9	65.0		35.5	63.6		4°	0°	80	1.18	1	18000
						.787	2.559	1.807	2.559		1.398	2.502				1160			
	25	7	9	6	392.4519Y-40 25 075	25.0	75.0	38.2	55.9	75.0	45.5	51.5	63.5	4°	0°	80	1.30	1	18000
						.984	2.953	1.504	2.201	2.953	1.791	2.028	2.502			1160			
50	12	7	9	8	392.4519Y-50 12 080	12.0	80.0	54.7	60.9	80.0	27.0	35.6	98.4	4°	57°	80	2.96	1	12000
						.472	3.150	2.154	2.398	3.150	1.063	1.402	3.875			1160			
	16	7	9	3	392.4519Y-50 16 080	16.0	80.0	60.9	80.0		33.3	98.4		4°	0°	80	3.06	1	12000
						.630	3.150	2.398	3.150		1.311	3.875				1160			
	20	7	9	3	392.4519Y-50 20 080	20.0	80.0	60.9	80.0		44.7	98.4		4°	0°	80	3.65	1	12000
						.787	3.150	2.398	3.150		1.760	3.875				1160			
	25	7	9	8	392.4519Y-50 25 100	25.0	125.0	67.3	80.9	100.0	44.0	54.6	98.4	4°	26°	80	3.68	1	12000
						.984	4.921	2.650	3.185	3.937	1.732	2.150	3.875			1160			



CAT-V to ER collet chuck

Machine side interface compatible with ASME B5.50-1985

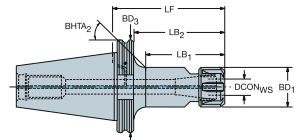
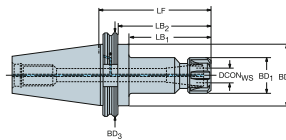
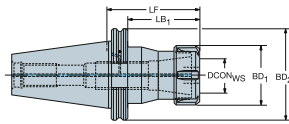
Workpiece side interface DIN 6499-B

DSGN

2

5

7



					Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₂	CP BarPSI	Kg	RPMX
40	ER11	7	1	7	AA3B14-40 11 070	11.4	70.0	38.2	50.9	70.0	19.0	19.0	63.5	45°	80	0.90	18000
	ER16	7	1	2	AA3B14-40 16 067	.449	2.756	1.504	2.004	2.756	.748	.748	2.502		1160		
	ER16	7	1	5	AA3B14-40 16 105	.669	2.620	1.872	2.622		1.092	2.502		0°	80	0.95	18000
	ER20	7	1	2	AA3B14-40 20 070	.669	4.120	2.740	3.370	4.120	1.092	1.748	2.502		1160		
	ER20	7	1	5	AA3B14-40 20 105	.827	2.756	2.004	2.756		1.339	2.502		0°	80	1.22	18000
	ER20	7	1	5	AA3B14-40 20 156	.827	4.120	2.740	3.370	4.120	1.340	1.748	2.502		1160		
	ER20	7	1	5	AA3B14-40 20 156	1.024	6.120	4.740	5.370	6.120	1.643	1.748	2.502		1160		
	ER25	7	1	2	AA3B14-40 25 070	1.024	2.756	2.004	2.756		1.654	2.502		0°	80	0.90	18000
	ER25	7	1	5	AA3B14-40 25 105	1.024	4.120	2.740	3.370	4.120	1.643	1.748	2.502		1160		
	ER25	7	1	5	AA3B14-40 25 156	1.024	6.120	4.740	5.370	6.120	1.643	1.748	2.502		1160		
	ER32	7	1	2	AA3B14-40 32 079	1.299	3.120	2.372	3.122		1.958	2.502		0°	80	1.22	18000
	ER32	7	1	2	AA3B14-40 32 105	1.299	4.120	3.370	4.120		1.958	2.502		0°	80	1.50	18000
	ER32	7	1	2	AA3B14-40 32 160	1.299	6.299	5.547	6.299		1.969	2.502		0°	80	1.30	18000
	ER40	7	1	2	AA3B14-40 40 105	1.614	4.120	3.370	4.120		2.470	2.502		0°	80	1.77	18000
50	ER16	7	1	5	AA3B14-50 16 105	.669	4.120	2.740	3.370	4.120	1.092	2.750	3.875		1160		
	ER20	7	1	5	AA3B14-50 20 105	.827	4.120	2.752	3.370	4.120	1.340	2.750	3.875		1160		
	ER25	7	1	5	AA3B14-50 25 105	1.024	4.120	2.752	3.370	4.120	1.642	2.750	3.875		1160		
	ER32	7	1	5	AA3B14-50 32 105	1.299	4.120	2.752	3.370	4.120	1.958	2.750	3.875		1160		
	ER40	7	1	5	AA3B14-50 40 105	1.614	4.120	2.740	3.370	4.120	2.470	2.750	3.875		1160		
	ER40	7	1	2	AA3B14-50 40 160	1.614	6.299	5.547	6.299		2.480	3.875		0°	80	5.20	12000



P20



P12



Q1



Q35

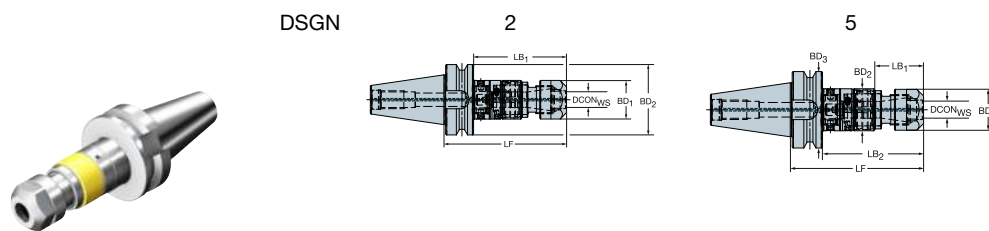


Q31

CAT-V to CoroChuck™ 970

Machine side interface ASME B5.50-2009

Workpiece side interface DIN 6499-B



						Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	TRMAX	CNSC	CXSC	DSGN	Ordering code	DCON	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃			RPMX	
40	ER20	M12	1	1	2	970-V40-20-102	20	102.2	40.3	102.2		33.7	63.5		80	1.23	8000	
	ER25	M20	1	1	5	970-V40-25-122	.819	4.024	1.587	4.024		1.327	2.500		1160			
							25	121.6	42.1	102.5	121.6	42.0	44.0	63.5	80	1.62	8000	
							1.016	4.787	1.657	4.035	4.787	1.654	1.732	2.500	1160			
50	ER20	M12	1	1	5	970-V50-20-106	20	106.2	40.3	87.1	106.2	33.7	34.6	98.4	80	3.00	8000	
	ER25	M20	1	1	5	970-V50-25-126	.819	4.181	1.587	3.429	4.181	1.327	1.362	3.874	1160			
							25	125.6	42.1	106.5	125.6	42.0	44.0	98.4	80	3.40	8000	
							1.016	4.945	1.657	4.193	4.945	1.654	1.732	3.874	1160			
	ER40	M30	1	1	2	970-V50-40-155	40	155.0	135.9	155.0		62.7	98.4		80	4.68	8000	
							1.606	6.102	5.350	6.102		2.469	3.874		1160			



P28



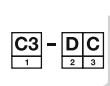
P12



Q1



Q35



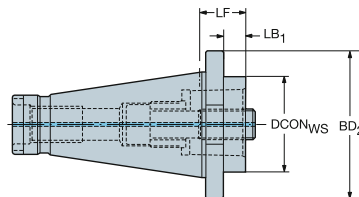
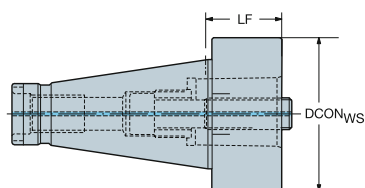
Q33

DIN 2080 to Coromant Capto® adapter

DSGN

1

2



					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	 Kg	
40	C3	1	1	2	C3-390.00-40 030	32.0	30.0	18.4	30.0	32.0	63.0	80	0.80	
						1.260	1.181	.724	1.181	1.260	2.480	1160		
	C4	1	1	2	C4-390.00-40 030	40.0	30.0	18.4	30.0	40.0	63.0	80	0.70	
						1.575	1.181	.724	1.181	1.575	2.480	1160		
	C4	1	1	2	C4-390.00-40 060	40.0	60.0	48.4	60.0	40.0	63.0	80	0.80	
						1.575	2.362	1.906	2.362	1.575	2.480	1160		
	C5	1	1	2	C5-390.00-40 030	50.0	30.0	18.4	30.0	50.0	63.0	80	0.90	
						1.969	1.181	.724	1.181	1.969	2.480	1160		
	C5	1	1	2	C5-390.00-40 070	50.0	70.0	58.4	70.0	50.0	63.0	80	1.35	
						1.969	2.756	2.299	2.756	1.969	2.480	1160		
	C6	1	1	1	C6-390.00-40 075	63.0	75.0	75.0		63.0		80	3.80	
						2.480	2.953	2.953		2.480		1160		
50	C3	1	1	2	C3-390.00-50 030	32.0	30.0	14.8	30.0	32.0	97.5	80	2.50	
						1.260	1.181	.583	1.181	1.260	3.839	1160		
	C3	1	1	2	C3-390.00-50 060	32.0	60.0	44.8	60.0	32.0	97.5	80	2.50	
						1.260	2.362	1.764	2.362	1.260	3.839	1160		
	C4	1	1	2	C4-390.00-50 030	40.0	30.0	14.8	30.0	40.0	97.5	80	2.50	
						1.575	1.181	.583	1.181	1.575	3.839	1160		
	C4	1	1	2	C4-390.00-50 060	40.0	60.0	44.8	60.0	40.0	97.5	80	2.50	
						1.575	2.362	1.764	2.362	1.575	3.839	1160		
	C5	1	1	2	C5-390.00-50 030	50.0	30.0	14.8	30.0	50.0	97.5	80	2.43	
						1.969	1.181	.583	1.181	1.969	3.839	1160		
	C5	1	1	2	C5-390.00-50 070	50.0	70.0	54.8	70.0	50.0	97.5	80	3.10	
						1.969	2.756	2.157	2.756	1.969	3.839	1160		
	C6	1	1	2	C6-390.00-50 030	63.0	30.0	14.8	30.0	63.0	97.5	80	2.41	
						2.480	1.181	.583	1.181	2.480	3.839	1160		
	C6	1	1	2	C6-390.00-50 080	63.0	80.0	64.8	80.0	63.0	97.5	80	3.42	
						2.480	3.150	2.551	3.150	2.480	3.839	1160		
	C8	1	1	2	C8-390.00-50 070	80.0	70.0	54.8	70.0	80.0	97.5	80	5.00	
						3.150	2.756	2.157	2.756	3.150	3.839	1160		
	C8	1	1	2	C8-390.00-50 120	80.0	120.0	104.8	120.0	80.0	97.5	80	5.60	
						3.150	4.724	4.126	4.724	3.150	3.839	1160		

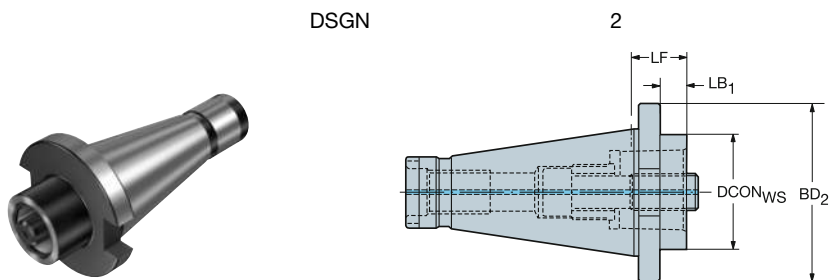


Q1



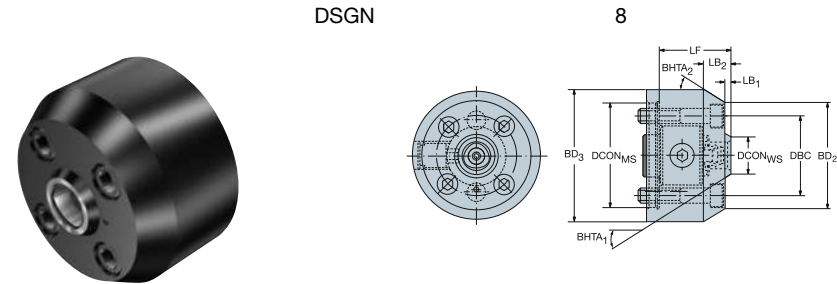
Q35

NMTB to Coromant Capto® adapter



						Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP Bar/PSI	Kg		
40	C5	1	1	2	C5-A390.00-40 030	50.0	30.0	20.5	30.0	50.0	63.7	80	1.66		
						1.969	1.181	.807	1.181	1.969	2.508	1160			
50	C5	1	1	2	C5-A390.00-50 030	50.0	30.0	14.8	30.0	50.0	97.5	80	5.80		
						1.969	1.181	.583	1.181	1.969	3.839	1160			
	C5	1	1	2	C5-A390.00-50 070	50.0	70.0	54.8	70.0	50.0	97.5	80	5.78		
						1.969	2.756	2.157	2.756	1.969	3.839	1160			
	C6	1	1	2	C6-A390.00-50 030	63.0	30.0	14.8	30.0	63.0	97.5	80	5.81		
						2.480	1.181	.583	1.181	2.480	3.839	1160			
	C8	1	1	2	C8-A390.00-50 070	80.0	70.0	54.8	70.0	80.0	97.5	80	6.30		
						3.150	2.756	2.157	2.756	3.150	3.839	1160			

DIN 2079 to Coromant Capto® adapter

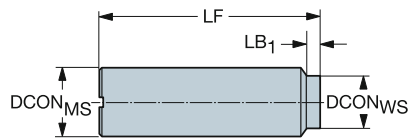


					Dimensions, mm, inch														
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DBC	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁	BHTA ₂		
40	C3	0	0	8	C3-390.34705-40 060	66.7	66.7	32.0	60.0	5.0	22.3	60.0	32.0	90.0	110.0	30°	30°	4.40	
						2.626	2.626	1.260	2.362	.197	.878	2.362	1.260	3.543	4.331				
	C4	0	0	8	C4-390.34705-40 070	66.7	66.7	40.0	70.0	5.0	22.3	70.0	40.0	90.0	110.0	30°	30°	5.64	
						2.626	2.626	1.575	2.756	.197	.878	2.756	1.575	3.543	4.331				

Cylindrical shank to Coromant EH adapter

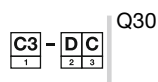
Straight design

Metric version



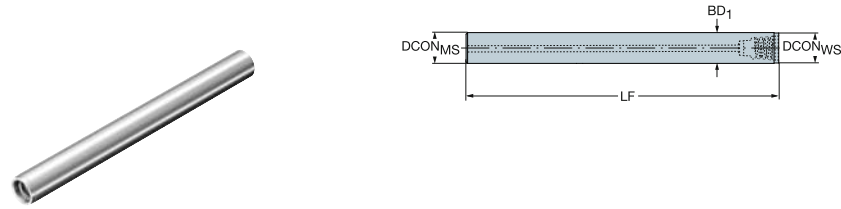
Steel shank

				Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LSC	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	 Kg	BBD	RPMX	
10	E10	1	1	E10-A10-SS-075	10.0	9.6	54	75.0	20.0	75.0	9.6	10.0	80	0.10	1	40000	
					.394	.378	2.126	2.953	.787	2.953	.378	.394	1160				
12	E12	1	1	E12-A12-SS-100	12.0	11.6	77	100.0	22.0	100.0	11.6	12.0	80	0.10	1	31000	
					.472	.457	3.032	3.937	.866	3.937	.457	.472	1160				
16	E10	1	1	E10-A16-SS-065	16.0	9.6	57	65.0	5.0	65.0	9.6	16.0	80	0.10	1	40000	
					.630	.378	2.244	2.559	.197	2.559	.378	.630	1160				
	E12	1	1	E12-A16-SS-065	16.0	11.6	58	65.0	5.0	113.3	11.6	16.0	80	0.10	1	40000	
					.630	.457	2.283	2.559	.197	4.461	.457	.630	1160				
20	E16	1	1	E16-A20-SS-070	20.0	15.4	63	70.0	5.0	113.3	15.4	20.0	80	0.20	1	40000	
					.787	.606	2.480	2.756	.197	4.461	.606	.787	1160				
	E16	1	1	E16-A20-SS-110	20.0	15.4	83	110.0	25.0	110.0	15.4	20.0	80	0.30	1	40000	
					.787	.606	3.268	4.331	.984	4.331	.606	.787	1160				
	E20	1	1	E20-A20-SS-120	20.0	19.2	89	120.0	30.0	120.0	19.2	20.0	80	0.30	1	34000	
					.787	.756	3.504	4.724	1.181	4.724	.756	.787	1160				
25	E20	1	1	E20-A25-SS-080	25.0	19.2	73	80.0	5.0	80.0	19.2	25.0	80	0.30	1	40000	
					.984	.756	2.874	3.150	.197	3.150	.756	.984	1160				
	E25	1	1	E25-A25-SS-140	25.0	24.1	99	140.0	40.0	140.0	24.1	25.0	80	0.53	1	25000	
					.984	.949	3.898	5.512	1.575	5.512	.949	.984	1160				
32	E25	1	1	E25-A32-SS-080	32.0	24.1	73	80.0	5.0	80.0	24.1	32.0	80	0.53	1	40000	
					1.260	.949	2.874	3.150	.197	3.150	.949	1.260	1160				



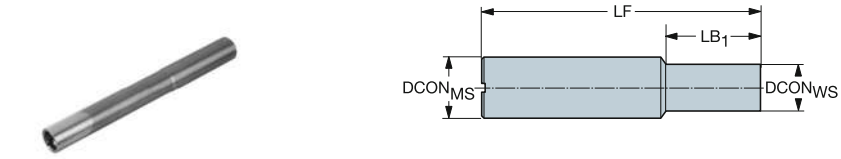
Cylindrical shank to Coromant EH adapter

Straight design
Metric version



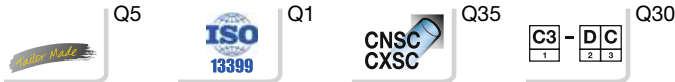
Heavy metal G undersized shank

				Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LSC	LF	LB ₁	BD ₁	CPBarPSI	Kg	BBD	RPMX
9	E10	1	1	EH10-A09.7-SH-100	9.7	9.6	97	100.0	100.0	9.7	80	0.10	1	23000
					.382	.378	3.819	3.937	3.937	.382	1160			
11	E12	1	1	EH12-A11.7-SH-110	11.7	11.6	107	110.0	110.0	11.7	80	0.20	1	23000
					.461	.457	4.213	4.331	4.331	.461	1160			
15	E16	1	1	EH16-A15.7-SH-130	15.7	15.4	126	130.0	130.0	15.7	80	0.40	1	19000
					.618	.606	4.961	5.118	5.118	.618	1160			
19	E20	1	1	EH20-A19.7-SH-160	19.7	19.2	156	160.0	160.0	19.7	80	0.80	1	19000
					.776	.756	6.142	6.299	6.299	.776	1160			
24	E25	1	1	EH25-A24.7-SH-185	24.7	24.1	181	185.0	185.0	24.7	80	1.40	1	14000
					.972	.949	7.126	7.283	7.283	.972	1160			



Cemented carbide shank

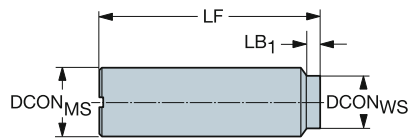
				Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LSC	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	 Kg	BBD	RPMX
10	E10	1	1	E10-A10-SE-100	10.0	9.6	49	100.0	50.0	100.0	9.6	10.0	80	0.78	1	35000
					.394	.378	1.929	3.937	1.969	3.937	.378	.394	1160			
12	E12	1	1	E12-A12-SE-100	12.0	11.6	51	100.0	48.0	100.0	11.6	12.0	80	1.44	1	40000
					.472	.457	2.008	3.937	1.890	3.937	.457	.472	1160			
16	E16	1	1	E16-A16-SE-135	16.0	15.4	54	135.0	80.0	135.0	15.4	16.0	80	0.11	1	27000
					.630	.606	2.126	5.315	3.150	5.315	.606	.630	1160			
20	E20	1	1	E20-A20-SE-095	20.0	19.2	56	95.0	38.0	95.0	19.2	20.0	80	0.16	1	40000
					.787	.756	2.205	3.740	1.496	3.740	.756	.787	1160			
	E20	1	1	E20-A20-SE-180	20.0	19.2	69	180.0	110.0	180.0	19.2	20.0	80	0.44	1	20000
					.787	.756	2.717	7.087	4.331	7.087	.756	.787	1160			
25	E25	1	1	E25-A25-SE-200	25.0	24.1	79	200.0	120.0	200.0	24.1	25.0	80	0.39	1	19000
					.984	.949	3.110	7.874	4.724	7.874	.949	.984	1160			



Cylindrical shank to Coromant EH adapter

Straight design

Inch version



Steel shank

				Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LSC	LF	LB ₁	LB ₂	BD ₁	BD ₂	 CP Bar/PSI	 Kg	BBD	RPMX	
3/8	E10	1	1	AE10-A10-SS-030	9.5	9.2	54	76.2	21.3	76.2	9.2	9.5	80	0.05	1	40000	
					.375	.360	2.126	3.000	.839	3.000	.360	.375	1160				
1/2	E10	1	1	AE10-A12-SS-025	12.7	9.2	55	63.5	6.3	63.5	9.2	12.7	80	0.10	1	40000	
					.500	.360	2.165	2.500	.250	2.500	.360	.500	1160				
	E10	1	1	AE10-A12-SS-030	12.7	9.2	48	76.2	25.4	76.2	9.2	12.7	80	0.10	1	40000	
					.500	.360	1.890	3.000	1.000	3.000	.360	.500	1160				
	E12	1	1	AE12-A12-SS-030	12.7	12.2	68	76.2	6.3	76.2	12.2	12.7	80	0.10	1	40000	
					.500	.480	2.677	3.000	.250	3.000	.480	.500	1160				
	E12	1	1	AE12-A12-SS-045	12.7	12.2	87	114.3	25.4	114.3	12.2	12.7	80	0.10	1	30000	
					.500	.480	3.425	4.500	1.000	4.500	.480	.500	1160				
5/8	E16	1	1	AE16-A16-SS-030	15.8	15.4	68	76.2	6.3	76.2	15.4	15.9	80	0.10	1	40000	
					.625	.606	2.677	3.000	.250	3.000	.606	.625	1160				
	E16	1	1	AE16-A16-SS-045	15.8	15.4	87	114.3	25.4	114.3	15.4	15.9	80	0.10	1	30000	
					.625	.606	3.425	4.500	1.000	4.500	.606	.625	1160				
3/4	E20	1	1	AE20-A19-SS-030	19.0	18.4	68	76.2	6.3	76.2	18.4	19.1	80	0.19	1	40000	
					.750	.724	2.677	3.000	.250	3.000	.724	.750	1160				
	E20	1	1	AE20-A19-SS-045	19.0	18.4	88	114.3	25.4	114.3	18.4	19.1	80	0.30	1	40000	
					.750	.724	3.465	4.500	1.000	4.500	.724	.750	1160				
1	E25	1	1	AE25-A25-SS-035	25.4	24.4	81	88.9	6.3	88.9	24.4	25.4	80	0.31	1	40000	
					1.000	.961	3.189	3.500	.250	3.500	.961	1.000	1160				
	E25	1	1	AE25-A25-SS-045	25.4	24.4	75	114.3	38.1	114.3	24.4	25.4	80	0.40	1	40000	
					1.000	.961	2.953	4.500	1.500	4.500	.961	1.000	1160				
1 1/4	E25	1	1	AE25-A32-SS-065	31.7	24.4	99	165.1	63.5	165.1	24.4	31.8	80	0.80	1	23000	
					1.250	.961	3.898	6.500	2.500	6.500	.961	1.250	1160				

Q5



Q1



Q35

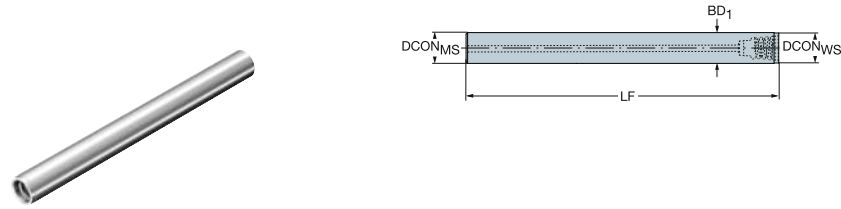


Q30

Cylindrical shank to Coromant EH adapter

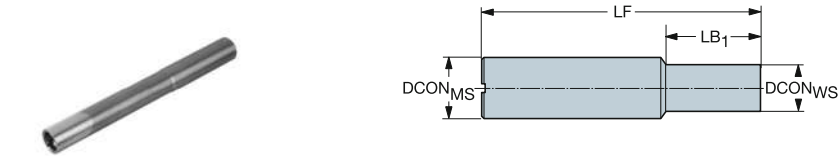
Straight design

Inch version



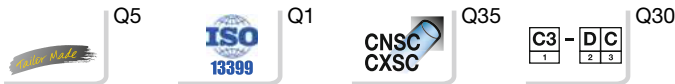
Heavy metal G undersized shank

				Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LSC	LF	LB ₁	BD ₁	CP BarPSI	 Kg	BBD	RPMX
9	E10	1	1	AEH10-A09.2-SH-100	9.2	9.2	97	100.0	100.0	9.2	80	0.10	1	23000
					.362	.360	3.819	3.937	3.937	.362	1160			
18	E20	1	1	AEH20-A18.7-SH-150	18.7	18.4	147	150.0	150.0	18.7	80	0.65	1	19000
					.736	.724	5.787	5.906	5.906	.736	1160			



Cemented carbide shank

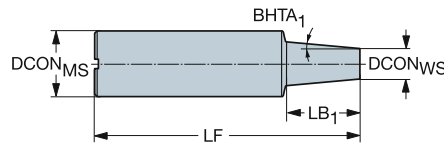
				Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LSC	LF	LB ₁	LB ₂	BD ₁	BD ₂	CP BarPSI	 Kg	BBD	RPMX
1 1/4	E25	1	1	AE25-A32-SE-065	31.7	24.4	99	165.1	65.6	165.1	24.4	31.8	80	1.00	1	37000
					1.250	.961	3.898	6.500	2.583	6.500	.961	1.250	1160			



Cylindrical shank to Coromant EH adapter

Conical design

Metric version



Steel shank

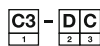
				Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LSC	LF	LB ₁	LB ₂	BD ₁	BD ₂	BHTA ₁	CP BarPSI	Kg	BBD	RPMX
16	E10	1	1	E10-A16-CS-140	16.0	9.6	103	140.0	36.6	140.0	9.6	16.0	5°	80	0.20	1	16000
					.630	.378	4.055	5.512	1.441	5.512	.378	.630		1160			
	E10	1	1	E10-A16-CS-160	16.0	9.6	108	160.0	50.0	160.0	9.6	16.0	1°	80	0.30	1	12000
					.630	.378	4.252	6.299	1.969	6.299	.378	.630		1160			
	E12	1	1	E12-A16-CS-140	16.0	11.6	115	140.0	25.1	140.0	11.6	16.0	5°	80	0.20	1	16000
					.630	.457	4.528	5.512	.988	5.512	.457	.630		1160			
	E12	1	1	E12-A16-CS-170	16.0	11.6	108	170.0	60.0	170.0	11.6	16.0	1°	80	0.30	1	12000
					.630	.457	4.252	6.693	2.362	6.693	.457	.630		1160			
20	E16	1	1	E16-A20-CS-190	20.0	15.4	112	190.0	75.0	190.0	15.4	20.0	1°	80	0.40	1	13000
					.787	.606	4.409	7.480	2.953	7.480	.606	.787		1160			
25	E16	1	1	E16-A25-CS-170	25.0	15.4	115	170.0	54.9	170.0	15.4	25.0	5°	80	0.60	1	18000
					.984	.606	4.528	6.693	2.161	6.693	.606	.984		1160			
32	E10	1	1	E10-A32-CS-250	32.0	9.6	186	250.0	63.5	250.0	9.6	32.0	10°	80	1.38	1	10000
					1.260	.378	7.323	9.843	2.500	9.843	.378	1.260		1160			
	E12	1	1	E12-A32-CS-250	32.0	11.6	192	250.0	57.8	250.0	11.6	32.0	10°	80	1.38	1	10000
					1.260	.457	7.559	9.843	2.276	9.843	.457	1.260		1160			
	E20	1	1	E20-A32-CS-180	32.0	19.2	107	180.0	73.2	180.0	19.2	32.0	5°	80	1.11	1	20000
					1.260	.756	4.213	7.087	2.882	7.087	.756	1.260		1160			
	E25	1	1	E25-A32-CS-200	32.0	24.1	154	200.0	45.1	200.0	24.1	32.0	5°	80	1.12	1	15000
					1.260	.949	6.063	7.874	1.776	7.874	.949	1.260		1160			

Cemented carbide shank

				Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LSC	LF	LB ₁	LB ₂	BD ₁	BD ₂	BHTA ₁	CP BarPSI	Kg	BBD	RPMX
16	E10	1	1	E10-A16-CE-155	16.0	9.6	52	155.0	100.0	155.0	9.6	16.0	1°	80	1.08	1	22000
					.630	.378	2.047	6.102	3.937	6.102	.378	.630		1160			
	E12	1	1	E12-A16-CE-150	16.0	11.6	58	150.0	90.0	150.0	11.6	16.0	1°	80	2.09	1	23000
					.630	.457	2.283	5.906	3.543	5.906	.457	.630		1160			
20	E16	1	1	E16-A20-CE-175	20.0	15.4	55	175.0	118.0	175.0	15.4	20.0	1°	80	0.45	1	22000
					.787	.606	2.165	6.890	4.646	6.890	.606	.787		1160			
25	E20	1	1	EH20-A25-CE-150	25.0	19.2	116	150.0	33.1	150.0	19.2	25.0	5°	80	0.90	1	23000
					.984	.756	4.567	5.906	1.303	5.906	.756	.984		1160			
	E20	1	1	EH20-A25-CE-200	25.0	19.2	117	200.0	83.0	200.0	19.2	25.0	2°	80	1.20	1	19000
					.984	.756	4.606	7.874	3.268	7.874	.756	.984		1160			
32	E20	1	1	EH20-A32-CE-175	32.0	19.2	101	175.0	73.2	175.0	19.2	32.0	5°	80	1.60	1	21000
					1.260	.756	3.976	6.890	2.882	6.890	.756	1.260		1160			
	E25	1	1	EH25-A32-CE-190	32.0	24.1	144	190.0	45.1	190.0	24.1	32.0	5°	80	2.00	1	20000
					1.260	.949	5.669	7.480	1.776	7.480	.949	1.260		1160			
	E25	1	1	EH25-A32-CE-215	32.0	24.1	169	215.0	45.1	215.0	24.1	32.0	5°	80	2.30	1	18000
					1.260	.949	6.654	8.465	1.776	8.465	.949	1.260		1160			



Q35

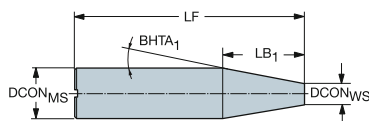


Q30

Cylindrical shank to Coromant EH adapter

Conical design

Inch version



Steel shank

				Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LSC	LF	LB ₁	LB ₂	BD ₁	BD ₂	BHTA ₁	CP Bar/PSI	Kg	BBD	RPMX
5/8	E10	1	1	AE10-A16-CS-055	15.8	9.2	101	139.7	38.5	139.7	9.2	15.9	5°	80	0.19	1	17000
					.625	.360	3.976	5.500	1.516	5.500	.360	.625		1160			
	E10	1	1	AE10-A16-CS-065	15.8	9.2	112	165.1	51.0	165.1	9.2	15.9	1°	80	0.19	1	12000
					.625	.360	4.409	6.500	2.008	6.500	.360	.625		1160			
	E12	1	1	AE12-A16-CS-065	15.8	12.2	144	165.1	21.0	165.1	12.2	15.9	5°	80	0.19	1	12000
					.625	.480	5.669	6.500	.827	6.500	.480	.625		1160			
	E12	1	1	AE12-A16-CS-075	15.8	12.2	127	190.5	61.0	190.5	12.2	15.9	1°	80	0.30	1	10000
					.625	.480	5.000	7.500	2.402	7.500	.480	.625		1160			
3/4	E16	1	1	AE16-A19-CS-065	19.0	15.4	144	165.1	21.0	165.1	15.4	19.1	5°	80	0.31	1	16000
					.750	.606	5.669	6.500	.827	6.500	.606	.750		1160			
	E16	1	1	AE16-A19-CS-075	19.0	15.4	112	190.5	76.2	190.5	15.4	19.1	1°	80	0.31	1	12000
					.750	.606	4.409	7.500	3.000	7.500	.606	.750		1160			
1	E20	1	1	AE20-A25-CS-060	25.4	18.4	112	152.4	40.0	152.4	18.4	25.4	5°	80	0.56	1	23000
					1.000	.724	4.409	6.000	1.575	6.000	.724	1.000		1160			
	E20	1	1	AE20-A25-CS-080	25.4	18.4	120	203.2	80.0	203.2	18.4	25.4	1°	80	0.70	1	12000
					1.000	.724	4.724	8.000	3.150	8.000	.724	1.000		1160			
1 1/4	E20	1	1	AE20-A32-CS-070	31.7	18.4	101	177.8	76.3	177.8	18.4	31.8	5°	80	1.05	1	20000
					1.250	.724	3.976	7.000	3.004	7.000	.724	1.250		1160			
	E25	1	1	AE25-A32-CS-075	31.7	24.4	148	190.5	42.0	190.5	24.4	31.8	5°	80	1.20	1	17000
					1.250	.961	5.827	7.500	1.654	7.500	.961	1.250		1160			
	E25	1	1	AE25-A32-CS-085	31.7	24.4	173	215.9	42.0	215.9	24.4	31.8	5°	80	1.05	1	11000
					1.250	.961	6.811	8.500	1.654	8.500	.961	1.250		1160			

Cemented carbide shank

				Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LSC	LF	LB ₁	LB ₂	BD ₁	BD ₂	BHTA ₁	CP Bar/PSI	Kg	BBD	RPMX
5/8	E10	1	1	AE10-A16-CE-055	15.8	9.2	101	139.7	38.5	139.7	9.2	15.9	5°	80	0.41	1	28000
					.625	.360	3.976	5.500	1.516	5.500	.360	.625		1160			
	E10	1	1	AE10-A16-CE-065	15.8	9.2	112	165.1	53.0	165.1	9.2	15.9	1°	80	0.48	1	19000
					.625	.360	4.409	6.500	2.087	6.500	.360	.625		1160			
	E12	1	1	AE12-A16-CE-065	15.8	12.2	144	165.1	21.0	165.1	12.2	15.9	5°	80	0.55	1	18000
					.625	.480	5.669	6.500	.827	6.500	.480	.625		1160			
	E12	1	1	AE12-A16-CE-075	15.8	12.2	127	190.5	63.0	190.5	12.2	15.9	1°	80	0.68	1	13000
					.625	.480	5.000	7.500	2.480	7.500	.480	.625		1160			
3/4	E16	1	1	AE16-A19-CE-065	19.0	15.4	144	165.1	21.0	165.1	15.4	19.1	5°	80	0.41	1	25000
					.750	.606	5.669	6.500	.827	6.500	.606	.750		1160			
	E16	1	1	AE16-A19-CE-075	19.0	15.4	112	190.5	78.3	190.5	15.4	19.1	1°	80	0.48	1	18000
					.750	.606	4.409	7.500	3.083	7.500	.606	.750		1160			
1	E20	1	1	AE20-A25-CE-060	25.4	18.4	112	152.4	40.0	152.4	18.4	25.4	5°	80	0.48	1	36000
					1.000	.724	4.409	6.000	1.575	6.000	.724	1.000		1160			
	E20	1	1	AE20-A25-CE-080	25.4	18.4	120	203.2	82.6	203.2	18.4	25.4	1°	80	0.55	1	19000
					1.000	.724	4.724	8.000	3.252	8.000	.724	1.000		1160			
1 1/4	E20	1	1	AE20-A32-CE-070	31.7	18.4	101	177.8	76.3	177.8	18.4	31.8	5°	80	0.68	1	33000
					1.250	.724	3.976	7.000	3.004	7.000	.724	1.250		1160			
	E25	1	1	AE25-A32-CE-075	31.7	24.4	148	190.5	42.0	190.5	24.4	31.8	5°	80	1.20	1	21000
					1.250	.961	5.827	7.500	1.654	7.500	.961	1.250		1160			
	E25	1	1	AE25-A32-CE-085	31.7	24.4	173	215.9	42.0	215.9	24.4	31.8	5°	80	1.00	1	18000
					1.250	.961	6.811	8.500	1.654	8.500	.961	1.250		1160			



Q1



Q35



Q30



Q5

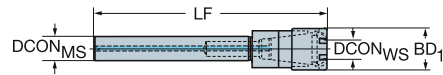
Cylindrical shank to ER collet chuck

Workpiece side interface DIN 6499-B



DSGN

1



Metric version

						Dimensions, mm, inch						
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	BD ₁	CP BarPSI	Kg
8	ER11	1	1	1	393.14-08 11 056	8.0 .315	11.4 .449	82.5 3.248	82.5 3.248	16.0 .630	20 290	0.05
12	ER16	1	1	1	393.14-12 16 080	12.0 .472	17.0 .669	118.5 4.665	118.5 4.665	22.0 .866	20 290	0.17
16	ER11	1	1	1	393.14-16 11 150	16.0 .630	11.4 .449	171.0 6.732	171.0 6.732	16.0 .630	20 290	0.30
20	ER16	1	1	1	393.14-20 16 155	20.0 .787	17.0 .669	181.5 7.146	181.5 7.146	22.0 .866	20 290	0.40
25	ER20	1	1	1	393.14-25 20 170A	25.0 .984	21.0 .827	182.0 7.165	182.0 7.165	28.0 1.102	20 290	0.42

Inch version

						Dimensions, mm, inch						
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	BD ₁	CP BarPSI	Kg
1/2	ER16	1	1	1	A393.14-13 16 182	12.7 .500	17.0 .669	177.0 6.969	177.0 6.969	22.0 .866	20 290	0.32
3/4	ER16	1	1	1	A393.14-19 16 182	19.0 .750	17.0 .669	181.5 7.146	181.5 7.146	22.0 .866	20 290	0.32
	ER20	1	1	1	A393.14-19 20 187	19.0 .750	21.0 .827	187.0 7.362	187.0 7.362	28.0 1.102	20 290	0.32
	ER25	1	1	1	A393.14-19 25 203	19.0 .750	26.0 1.024	203.0 7.992	203.0 7.992	41.7 1.642	20 290	0.83
1	ER20	1	1	1	A393.14-26 20 203	25.4 1.000	21.0 .827	203.0 7.992	203.2 8.000	28.0 1.102	20 290	0.70
	ER25	1	1	1	A393.14-26 25 203	25.4 1.000	26.0 1.024	203.0 7.992	203.0 7.992	41.7 1.642	20 290	1.60
	ER32	1	1	1	A393.14-26 32 203	25.4 1.000	33.0 1.299	203.0 7.992	203.0 7.992	49.7 1.957	20 290	1.06



P20



Q1

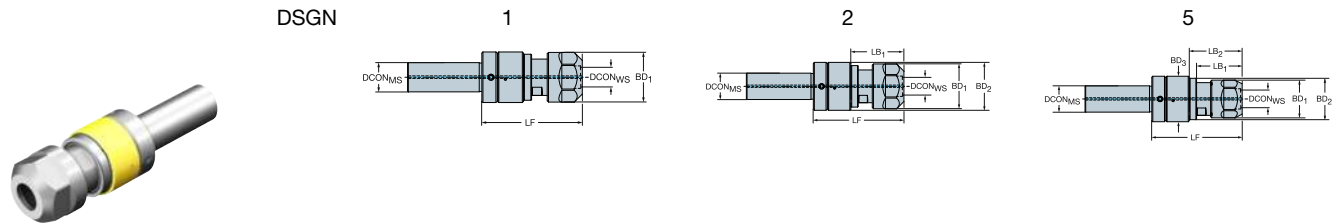


Q35

Cylindrical shank to CoroChuck™ 970

For synchronized tapping operations

Workpiece side interface DIN 6499-B

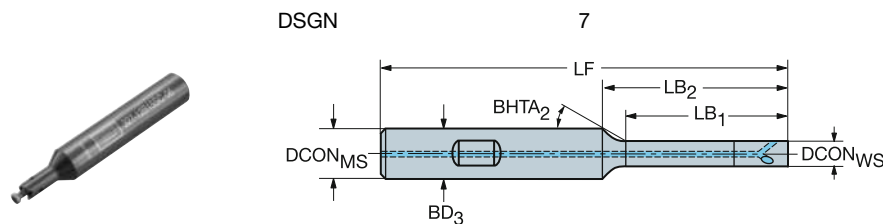


Metric version

						Dimensions, mm, inch										CP		
CZCMS	CZCWS	TRMAX	CNSC	CXSC	DSGN	Ordering code	DCONMS	DCONWS	LF	LB1	LB2	LB3	BD1	BD2	BD3	Bar/PSI	Kg	RPMX
12	ER8	M3	1	1	1	970-CY12-8-052	12.0	8.5	100.0	100.0			12.0			60	0.07	8000
							.472	.335	3.937	3.937			.472			870		
16	ER11	M5	1	1	5	970-CY16-11-052	16.0	11.3	96.4	21.4	25.2	51.9	18.7	19.9	23.5	80	0.14	8000
							.630	.445	3.795	.843	.992	2.043	.736	.783	.925	1160		
20	ER20	M12	1	1	2	970-CY20-20-069	20.0	20.8	119.5	40.3	68.7	1.0	34.0	34.6	1.0	80	0.41	8000
							.787	.819	4.705	1.587	2.705	.039	1.339	1.362	.039	1160		



Weldon to CoroMill® 327 adapter



Metric version

					Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LSC	LF	LB ₁	LB ₂	BD ₁	BD ₂	BHTA ₂	CP BarPSI		
12	06	1	1	7	327-12B15SC-06	12.0	6.0	53	70.5	11.5	17.2	6.0	6.0	30°	20	0.09	
						.472	.236	2.097	2.776	.453	.678	.236	.236		290		
	06	1	1	7	327-12B21EC-06	12.0	6.0	53	76.5	17.5	23.2	6.0	6.0	30°	20	0.09	
						.472	.236	2.097	3.012	.689	.915	.236	.236		290		
	06	1	1	7	327-12B30EC-06	12.0	6.0	86	86.5	26.5	32.2	6.0	6.0	30°	20	0.10	
						.472	.236	3.406	3.406	1.043	1.269	.236	.236		290		
	06	1	1	7	327-12B42EC-06	12.0	6.0	52	96.5	38.5	44.2	6.0	6.0	30°	20	0.10	
						.472	.236	2.058	3.799	1.516	1.741	.236	.236		290		
16	09	1	1	7	327-16B18SC-09	16.0	9.0	55	74.3	12.2	18.8	9.0	9.0	30°	20	0.10	
						.630	.354	2.181	2.923	.482	.742	.354	.354		290		
	09	1	1	7	327-16B32EC-09	16.0	9.0	61	94.3	26.2	32.8	9.0	9.0	30°	20	0.19	
						.630	.354	2.417	3.711	1.033	1.293	.354	.354		290		
	09	1	1	7	327-16B45EC-09	16.0	9.0	104	104.3	39.2	45.8	9.0	9.0	30°	20	0.19	
						.630	.354	4.104	4.104	1.545	1.805	.354	.354		290		
	09	1	1	7	327-16B64EC-09	16.0	9.0	59	124.3	58.2	64.8	9.0	9.0	30°	20	0.20	
						.630	.354	2.339	4.892	2.293	2.553	.354	.354		290		
	12	1	1	7	327-16B24SC-12	16.0	12.0	52	74.3	18.3	22.3	12.0	12.0	30°	20	0.10	
						.630	.472	2.047	2.925	.720	.878	.472	.472		290		
	12	1	1	7	327-16B42EC-12	16.0	12.0	54	94.3	36.3	40.3	12.0	12.0	30°	20	0.18	
						.630	.472	2.126	3.713	1.429	1.587	.472	.472		290		
	12	1	1	7	327-16B60EC-12	16.0	12.0	66	124.3	54.3	58.3	12.0	12.0	30°	20	0.25	
						.630	.472	2.598	4.894	2.138	2.295	.472	.472		290		
	12	1	1	7	327-16B85EC-12	16.0	12.0	71	154.3	79.3	83.3	12.0	12.0	30°	20	0.30	
						.630	.472	2.795	6.075	3.122	3.280	.472	.472		290		
	14	1	1	7	327-16B42EC-14	16.0	14.3	93	93.5	35.5	37.5	14.3	14.3	30°	20	0.20	
						.630	.563	3.681	3.681	1.398	1.477	.563	.563		290		
	14	1	1	7	327-16B60EC-14	16.0	14.3	67	123.5	53.5	55.5	14.3	14.3	30°	20	0.25	
						.630	.563	2.677	4.862	2.106	2.185	.563	.563		290		
	14	1	1	7	327-16B85EC-14	16.0	14.3	72	153.5	78.5	80.5	14.3	14.3	30°	20	0.35	
						.630	.563	2.874	6.043	3.091	3.170	.563	.563		290		
20	14	1	1	7	327-20B35SC-14	20.0	14.3	60	93.5	29.2	33.2	16.0	16.0	30°	20	0.19	
						.787	.563	2.374	3.681	1.150	1.307	.630	.630		290		

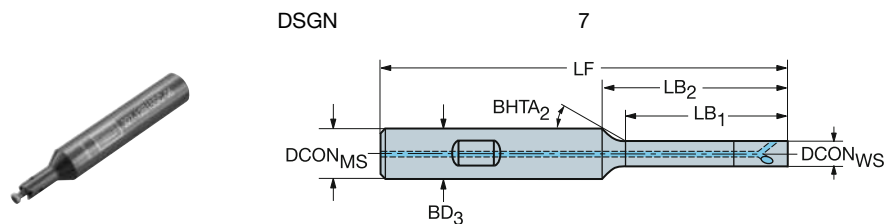


Q1



Q35

Weldon to CoroMill® 327 adapter



Inch version

					Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LSC	LF	LB ₁	LB ₂	BD ₁	BD ₂	BHTA ₂	CP BarPSI			
1/2	06	1	1	7	A327-13B21EC-06	12.7 .500	6.0 .236	76 3.012	76.5 3.012	17.5 .689	23.8 .939	6.0 .236	6.0 .236	30°	20	0.49		
	06	1	1	7	A327-13B30EC-06	12.7 .500	6.0 .236	53 2.112	86.5 3.405	26.4 1.043	32.8 1.293	6.0 .236	6.0 .236	30°	20	0.09		
	06	1	1	7	A327-13B42EC-06	12.7 .500	6.0 .236	51 2.033	96.5 3.799	38.5 1.516	44.8 1.766	6.0 .236	6.0 .236	30°	20	0.09		
5/8	09	1	1	7	A327-16B18SC-09	15.8 .625	9.0 .354	55 2.185	74.3 2.924	12.2 .483	18.7 .738	9.0 .354	9.0 .354	30°	20	0.09		
	09	1	1	7	A327-16B32EC-09	15.8 .625	9.0 .354	61 2.421	94.3 3.711	26.2 1.034	32.7 1.289	9.0 .354	9.0 .354	30°	20	0.62		
	09	1	1	7	A327-16B45EC-09	15.8 .625	9.0 .354	58 2.303	104.3 4.105	39.2 1.546	45.7 1.801	9.0 .354	9.0 .354	30°	20	0.62		
	09	1	1	7	A327-16B64EC-09	15.8 .625	9.0 .354	59 2.342	124.2 4.892	58.2 2.294	64.7 2.549	9.0 .354	9.0 .354	30°	20	0.19		
	12	1	1	7	A327-16B24SC-12	15.8 .625	12.0 .472	52 2.051	74.2 2.923	18.2 .718	22.1 .871	12.0 .472	12.0 .472	30°	20	0.09		
	12	1	1	7	A327-16B42EC-12	15.8 .625	12.0 .472	54 2.129	94.3 3.713	36.3 1.430	40.2 1.583	12.0 .472	12.0 .472	30°	20	0.62		
	12	1	1	7	A327-16B60EC-12	15.8 .625	12.0 .472	66 2.602	124.2 4.890	54.2 2.134	58.1 2.288	12.0 .472	12.0 .472	30°	20	0.23		
	12	1	1	7	A327-16B85EC-12	15.8 .625	12.0 .472	71 2.799	154.2 6.071	79.2 3.118	83.1 3.272	12.0 .472	12.0 .472	30°	20	0.30		
	14	1	1	7	A327-16B42EC-14	15.8 .625	14.3 .563	56 2.208	93.5 3.681	35.5 1.398	37.4 1.473	14.3 .563	14.3 .563	30°	20	0.19		
	14	1	1	7	A327-16B60EC-14	15.8 .625	14.3 .563	68 2.681	123.5 4.862	53.4 2.106	55.3 2.181	14.3 .563	14.3 .563	30°	20	0.23		
	14	1	1	7	A327-16B85EC-14	15.8 .625	14.3 .563	73 2.878	153.5 6.043	78.4 3.090	80.3 3.165	14.3 .563	14.3 .563	30°	20	0.32		



Q1



Q35

Weldon to CoroChuck™ 970

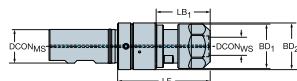
For synchronized tapping operations

Workpiece side interface DIN 6499-B

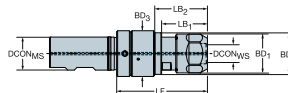


DSGN

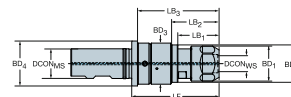
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5



9



Metric version

							Dimensions, mm, inch																
CZC _{MS}	CZC _{WS}	TRMAX	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	Bar/PSI	Kg	RPMX					
16	ER11	M5	1	1	5	970-WE16-11-052	16.0	11.3	96.4	25.2	44.4	51.9	19.9	23.5	27.9	80	0.14	8000					
							.630	.445	3.795	.992	1.748	2.043	.783	.925	1.098	1160							
20	ER11	M5	1	1	9	970-WE20-11-052	20.0	11.3	147.2	21.4	25.2	48.6	18.7	19.9	23.5	80	0.20	8000					
							.787	.445	5.795	.843	.992	1.913	.736	.783	.925	1160							
	ER20	M12	1	1	2	970-WE20-20-069	20.0	20.8	119.5	40.3	68.7		34.0	34.6		80	0.41	8000					
							.787	.819	4.705	1.587	2.705		1.339	1.362		1160							
25	ER11	M5	1	1	9	970-WE25-11-052	25.0	11.3	102.7	25.2	48.6	51.9	19.9	23.5	51.9	80	0.27	8000					
							.984	.445	4.043	.992	1.913	2.043	.783	.925	2.043	1160							
	ER20	M12	1	1	2	970-WE25-20-069	25.0	20.8	119.5	40.1	68.7		34.0	34.6		80	0.43	8000					
							.984	.819	4.705	1.579	2.705		1.339	1.362		1160							
	ER25	M20	1	1	2	970-WE25-25-088	25.0	25.8	138.9	42.0	88.1		42.0	44.0		80	0.82	8000					
							.984	1.016	5.469	1.654	3.469		1.654	1.732		1160							
	ER40	M30	1	1	1	970-WE25-40-117	25.0	40.8	167.9	117.1			63.0			80	2.04	8000					
							.984	1.606	6.610	4.610			2.480			1160							

Inch version

						Dimensions, mm, inch															
CZC _{MS}	CZC _{WS}	TRMAX	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	Bar/PSI	RPMX				
1	ER11	M5	1	1	9	970-WE25A-11-052	25.4	11.3	102.7	25.2	48.6	51.9	19.9	23.5	28.5	80	0.27	8000			
							1.000	.445	4.043	.992	1.913	2.043	.783	.925	1.122	1160					
	ER20	M12	1	1	2	970-WE25A-20-069	25.4	20.8	119.5	40.1	68.7		34.0	34.6		80	0.43	8000			
							1.000	.819	4.705	1.579	2.705		1.339	1.362		1160					
	ER25	M20	1	1	2	970-WE25A-25-088	25.4	25.8	138.9	42.0	88.1		42.0	44.0		80	0.82	8000			
							1.000	1.016	5.469	1.654	3.469		1.654	1.732		1160					



P28



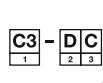
P31



Q1

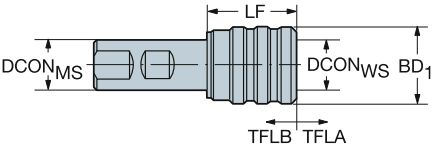


Q35



Q33

Weldon to quick change tapping chuck



Metric version

					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	TRMAX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LB ₁	BD ₁	TFLA	TFLB	CP BarPSI	Kg	RPMX
25	1	M12	1	0	393.2060-25 01 045	25.0	19.0	45.0	39.0	7	7	80	0.55	8000
						.984	.748	1.772	1.535	.295	.295	1160		
	2	M20	1	0	393.2060-25 02 068	25.0	31.0	68.0	60.0	10	10	80	2.10	8000
						.984	1.220	2.677	2.362	.394	.394	1160		
32	3	M33	1	0	393.2060-32 03 099	32.0	48.0	99.0	86.0	17	17	80	4.50	8000
						1.260	1.890	3.898	3.386	.689	.689	1160		

P36

Q1

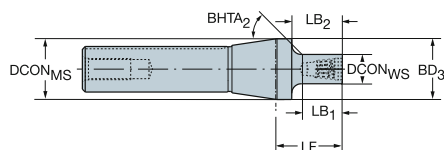
Q35

R8 (Bridgeport) to Coromant EH adapter



DSGN

7



Inch version

					Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₂		RPMX	
R8	E10	0	0	7	A392.R8EH-32 10 025	9.2	25.0	11.6	16.6	25.0	9.2	9.2	32.0	45°	0.42	10000	
						.360	.984	.457	.654	.984	.360	.360	1.260				
	E12	0	0	7	A392.R8EH-32 12 031	12.2	31.0	17.6	22.6	31.0	12.2	12.2	32.0	45°	0.43	10000	
						.480	1.220	.693	.890	1.220	.480	.480	1.260				
	E16	0	0	7	A392.R8EH-32 16 035	15.4	35.0	21.6	26.6	35.0	15.4	15.4	32.0	45°	0.44	10000	
						.606	1.378	.850	1.047	1.378	.606	.606	1.260				
	E20	0	0	7	A392.R8EH-32 20 031	18.4	31.0	17.6	22.6	31.0	18.4	18.4	32.0	45°	0.44	10000	
						.724	1.220	.693	.890	1.220	.724	.724	1.260				
	E25	0	0	7	A392.R8EH-32 25 039	24.4	39.0	25.8	30.6	39.0	24.4	24.4	32.0	36°	0.49	10000	
						.961	1.535	1.016	1.205	1.535	.961	.961	1.260				



Q1

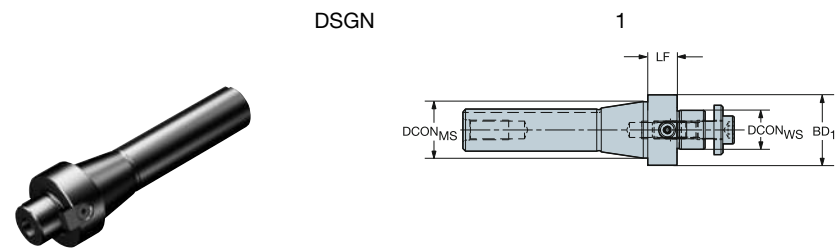


Q35



Q33

R8 (Bridgeport) to arbor adapter



Metric pilot

						Dimensions, mm, inch				
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	BD ₁	
R8	16	0	0	1	392.R8.05-16 020	16.0	20.0	20.0	32.0	0.51
						.630	.787	.787	1.260	
	22	0	0	1	392.R8.05-22 020	22.0	20.0	20.0	40.0	0.63
						.866	.787	.787	1.575	

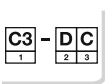
Inch pilot

						Dimensions, mm, inch				
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{WS}	LF	LB ₁	BD ₁	
R8	3/4	0	0	1	A392.R8.05-19 020	19.1	20.0	20.0	40.0	0.60
						.750	.787	.787	1.575	
	1	0	0	1	A392.R8.05-25 020	25.4	20.0	20.0	50.0	0.77
						1.000	.787	.787	1.969	

 P13

 Q1

 Q35

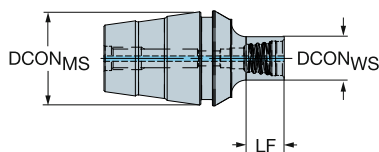
 Q30

ER to Coromant EH adapter

Machine side interface DIN 6499-B

DSGN

1



Metric version

					Dimensions, mm, inch								
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	BD ₁	 CP BarPSI	 Kg	BBD
ER16	E10	1	1	1	EH-ER16-10-008	17.0	9.6	8.0	8.0	9.6	80	0.03	1
						.669	.378	.315	.315	.378	1160		
ER20	E10	1	1	1	EH-ER20-10-008	21.0	9.6	8.0	8.0	9.6	80	0.05	1
						.827	.378	.315	.315	.378	1160		
	E12	1	1	1	EH-ER20-12-010	21.0	11.6	10.0	10.0	11.6	80	0.05	1
						.827	.457	.394	.394	.457	1160		
ER25	E10	1	1	1	EH-ER25-10-012	26.0	9.6	7.2	12.0	9.6	80	0.10	1
						1.024	.378	.283	.472	.378	1160		
	E12	1	1	1	EH-ER25-12-014	26.0	11.6	10.2	14.0	11.6	80	0.10	1
						1.024	.457	.402	.551	.457	1160		
	E16	1	1	1	EH-ER25-16-016	26.0	15.4	14.2	16.0	15.4	80	0.11	1
						1.024	.606	.559	.630	.606	1160		
ER32	E10	1	1	1	EH-ER32-10-012	33.0	9.6	7.4	12.0	9.6	80	0.19	1
						1.299	.378	.291	.472	.378	1160		
	E12	1	1	1	EH-ER32-12-014	33.0	11.6	9.4	14.0	11.6	80	0.20	1
						1.299	.457	.370	.551	.457	1160		
	E16	1	1	1	EH-ER32-16-018	33.0	15.4	13.4	18.0	15.4	80	0.20	1
						1.299	.606	.528	.709	.606	1160		
	E20	1	1	1	EH-ER32-20-022	33.0	19.2	18.9	22.0	19.2	80	0.22	1
						1.299	.756	.744	.866	.756	1160		
	E25	1	1	1	EH-ER32-25-025	33.0	24.1	25.0	25.0	24.1	80	0.24	1
						1.299	.949	.984	.984	.949	1160		

Inch version

					Dimensions, mm, inch								
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	BD ₁	 CP BarPSI	 Kg	BBD
ER16	E10	1	1	1	EH-ER16-A10-007	17.0	9.2	7.0	7.0	9.2	80	0.03	1
						.669	.360	.276	.276	.362	1160		
ER20	E10	1	1	1	EH-ER20-A10-007	21.0	9.2	7.0	7.0	9.2	80	0.05	1
						.827	.360	.276	.276	.362	1160		
ER25	E10	1	1	1	EH-ER25-A10-011	26.0	9.2	6.2	11.0	9.2	80	0.10	1
						1.024	.360	.244	.433	.362	1160		
ER32	E10	1	1	1	EH-ER32-A10-011	33.0	9.2	6.4	11.0	9.2	80	0.19	1
						1.299	.360	.252	.433	.362	1160		



P31



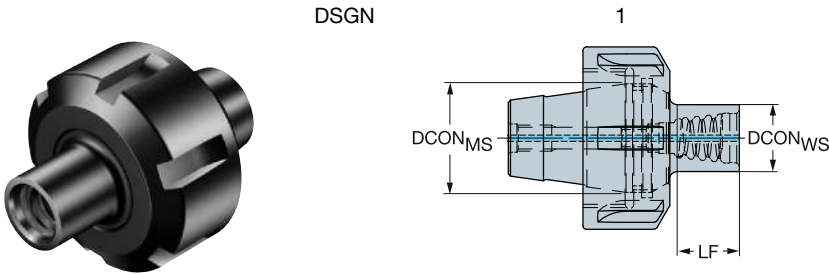
Q1



Q35

ER to Coromant EH adapter

Machine side interface DIN 6499-B



Metric version

					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	BD ₁	CP Bar/PSI	kg	BBD	RPMX
ER16	E12	1	1	1	392.EREH-16 12 010	17.0	11.6	10.0	10.0	11.6	80	0.10	1	40000
						.669	.457	.394	.394	.457	1160			
ER20	E16	1	1	1	392.EREH-20 16 014	21.0	15.4	14.0	14.0	15.4	80	0.15	1	40000
						.827	.606	.551	.551	.606	1160			
ER25	E20	1	1	1	392.EREH-25 20 019	26.0	19.2	19.0	19.0	19.2	80	0.23	1	40000
						1.024	.756	.748	.748	.756	1160			

Note! The nut is not a standard ER nut and therefore is not exchangeable with the spare part series 5533 050-0X. The nut is always included in the package!



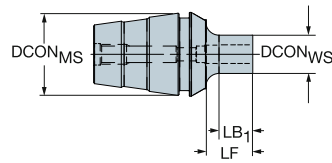
ER to CoroMill® 327 adapter

Machine side interface DIN 6499-B



DSGN

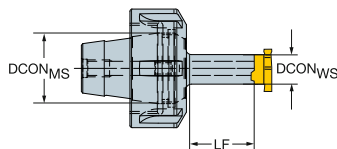
1



					Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	BD ₁		BBD
ER11	06	0	0	1	327-ER11-06-016	11.4	6.0	12.5	10.0	6.0	0.06	1
						.449	.236	.492	.396	.236		
ER20	09	0	0	1	327-ER20-09-022	21.0	9.0	16.3	15.8	9.0	0.08	1
						.827	.354	.640	.622	.354		
ER25	09	0	0	1	327-ER25-09-022	26.0	9.0	16.3	17.6	9.0	0.11	1
						1.024	.354	.640	.693	.354		
	12	0	0	1	327-ER25-12-030	26.0	12.0	24.3	25.6	12.0	0.11	1
						1.024	.472	.957	1.008	.472		
	14	0	0	1	327-ER25-14-019	26.0	14.3	12.5	15.3	14.0	0.12	1
						1.024	.563	.492	.602	.551		
	14	0	0	1	327-ER25-14-035	26.0	14.3	28.5	30.6	14.0	0.12	1
						1.024	.563	1.122	1.205	.551		
ER32	12	0	0	1	327-ER32-12-030	33.0	12.0	24.3	25.2	12.0	0.13	1
						1.299	.472	.957	.992	.472		
	14	0	0	1	327-ER32-14-019	33.0	14.3	12.5	14.9	14.0	0.14	1
						1.299	.563	.492	.587	.551		

DSGN

1



					Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	BD ₁		BBD
ER11	09	0	0	1	392.ER327-11 09 022	11.4	9.0	16.0	16.0	9.0	0.09	1
						.449	.354	.630	.632	.354		
ER16	09	0	0	1	392.ER327-16 09 022	17.0	9.0	16.3	16.2	9.0	0.10	1
						.669	.354	.640	.640	.354		
	12	0	0	1	392.ER327-16 12 030	17.0	12.0	24.3	24.2	12.0	0.12	1
						.669	.472	.955	.955	.472		
ER20	12	0	0	1	392.ER327-20 12 030	21.0	12.0	23.8	23.8	12.0	0.13	1
						.827	.472	.937	.937	.472		
	14	0	0	1	392.ER327-20 14 035	21.0	14.3	28.8	28.8	14.0	0.15	1
						.827	.563	1.134	1.134	.551		
ER32	14	0	0	1	392.ER327-32 14 035	33.0	14.3	28.5	30.2	14.0	0.18	1
						1.299	.563	1.122	1.189	.551		

Note!

The nut is not a standard ER nut and therefore not exchangeable with the spare part series 5533 050-0X. The nut is always included in the package!



P31



Q1



Q35