

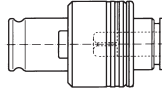


**Length Adjustable Adapters Torque – Type : WESN**

- Modular, quick-change design provides the ultimate in machining flexibility. Allows a single tap chuck to accept a range of tap shank diameters, inch or metric, without a complete change in machine or toolholding set-ups.

- Integral, adjustable torque clutch reduces tap breakage. Lefthand tap clutches available on request.
- Length adjustment feature allows tapping depth to be preset “off-machine.”

**WESN . B ANSI**



**WESN . B DIN 371 / 376**

Part Number	Complete Description	Price Each	
29 700 028	WESN 0 B-6	144.00	[B]
29 700 041	WESN 0 B-8	144.00	
29 700 052	WESN 0 B-10	144.00	
29 700 062	WESN 0 B-12	144.00	
29 700 077	WESN 0 B-1/4"	144.00	
21 700 019	WESN 1 B-6	145.00	
21 700 027	WESN 1 B-8	145.00	
21 700 038	WESN 1 B-10	145.00	
21 700 046	WESN 1 B-12	145.00	
21 700 063	WESN 1 B-1/4"	145.00	
21 700 089	WESN 1 B-5/16"	145.00	
21 700 112	WESN 1 B-3/8"	145.00	
21 700 091	WESN 1 B-7/16"	145.00	
21 700 105	WESN 1 B-1/2"	145.00	
21 700 081	WESN 1 B-1/8" SS	145.00	
21 700 124	WESN 1 B-1/8" LS	145.00	
22 700 022	WESN 2 B-5/16"	216.00	
22 700 040	WESN 2 B-3/8"	216.00	
22 700 023	WESN 2 B-7/16"	216.00	
22 700 033	WESN 2 B-1/2"	216.00	
22 700 043	WESN 2 B-9/16"	216.00	
22 700 058	WESN 2 B-5/8"	216.00	
22 700 067	WESN 2 B-11/16"	216.00	
22 700 147	WESN 2 B-3/4"	216.00	
22 700 089	WESN 2 B-13/16"	216.00	
22 700 093	WESN 2 B-7/8"	216.00	
22 702 002	WESNR 2 B-1/4"	238.00	
22 702 005	WESNR 2 B-3/8"	238.00	
22 702 004	WESNR 2 B-1/2"	238.00	
23 700 018	WESN 3 B-13/16"	400.00	
23 700 021	WESN 3 B-7/8"	400.00	
23 700 028	WESN 3 B-15/16"	400.00	
23 700 031	WESN 3 B-1"	400.00	
23 700 038	WESN 3 B-1-1/8"	400.00	
23 700 045	WESN 3 B-1-1/4"	400.00	
23 700 053	WESN 3 B-1-3/8"	400.00	
23 702 004	WESNR 3 B-3/4" PIPE	400.00	
23 702 007	WESNR 3 B-1" PIPE	400.00	
24 702 010	WESNR 4 B-1-1/4"	P.O.A.	[C]
24 702 013	WESNR 4 B-1-3/8"	P.O.A.	
24 702 016	WESNR 4 B-1-1/2"	P.O.A.	
24 702 019	WESNR 4 B-1-5/8"	P.O.A.	
24 702 021	WESNR 4 B-1-3/4"	P.O.A.	

Part Number	Complete Description	Price Each	
29 700 025	WESN 0B-M3 DIN 371	144.00	[B]
29 700 044	WESN 0B-M4 DIN 371	144.00	
29 700 0671	WESN 0B-M5 DIN 371	144.00	
29 700 0672	WESN 0B-M6 DIN 371	144.00	
29 700 0673	WESN 0B-M8 DIN 376	144.00	
29 700 082	WESN 0B-M10 DIN 376	144.00	
21 700 017	WESN 1B-M3 DIN 371	145.00	
21 700 030	WESN 1B-M4 DIN 371	145.00	
21 700 0541	WESN 1B-M5 DIN 371	145.00	
21 700 0542	WESN 1B-M6 DIN 371	145.00	
21 700 086	WESN 1B-M8 DIN 371	145.00	
21 700 115	WESN 1B-M10 DIN 371	145.00	
21 700 0543	WESN 1B-M8 DIN 376	145.00	
21 700 068	WESN 1B-M10 DIN 376	145.00	
21 700 099	WESN 1B-M12 DIN 376	145.00	
21 700 123	WESN 1B-M14 DIN 376	145.00	
22 700 0041	WESN 2B-M6 DIN 371	216.00	
22 700 020	WESN 2B-M8 DIN 371	216.00	
22 700 041	WESN 2B-M10 DIN 371	216.00	
22 700 0042	WESN 2B-M8 DIN 376	216.00	
22 700 011	WESN 2B-M10 DIN 376	216.00	
22 700 031	WESN 2B-M12 DIN 376	216.00	
22 700 046	WESN 2B-M14 DIN 376	216.00	
22 700 056	WESN 2B-M16 DIN 376	216.00	
22 700 069	WESN 2B-M18 DIN 376	216.00	
22 700 084	WESN 2B-M20 DIN 376	216.00	
23 700 004	WESN 3B-M14 DIN 376	400.00	
23 700 006	WESN 3B-M16 DIN 376	400.00	
23 700 011	WESN 3B-M18 DIN 376	400.00	
23 700 016	WESN 3B-M20 DIN 376	400.00	
23 700 0241	WESN 3B-M22 DIN 376	400.00	
23 700 0242	WESN 3B-M24 DIN 376	400.00	
23 700 030	WESN 3B-M27 DIN 376	400.00	
23 700 035	WESN 3B-M30 DIN 376	400.00	
23 700 044	WESN 3B-M33 DIN 376	400.00	
24 700 0021	WESN 4B-M22 DIN 376	P.O.A.	[C]
24 700 0222	WESN 4B-M24 DIN 376	P.O.A.	
24 700 004	WESN 4B-M27 DIN 376	P.O.A.	
24 700 006	WESN 4B-M30 DIN 376	P.O.A.	
24 700 009	WESN 4B-M33 DIN 376	P.O.A.	
24 700 012	WESN 4B-M36 DIN 376	P.O.A.	
24 700 0171	WESN 4B-M39 DIN 376	P.O.A.	
24 700 0172	WESN 4B-M42 DIN 376	P.O.A.	
24 700 0201	WESN 4B-M45 DIN 376	P.O.A.	
24 700 0202	WESN 4B-M48 DIN 376	P.O.A.	

Note: Standard WEN adapters are suitable for use with coolant taps.

**Adapter-Reducers Type WRE**

Note: Allow individual tap chucks to handle a wide range of tap shank diameters by reducing chuck bore to accept smaller diameter adapters.



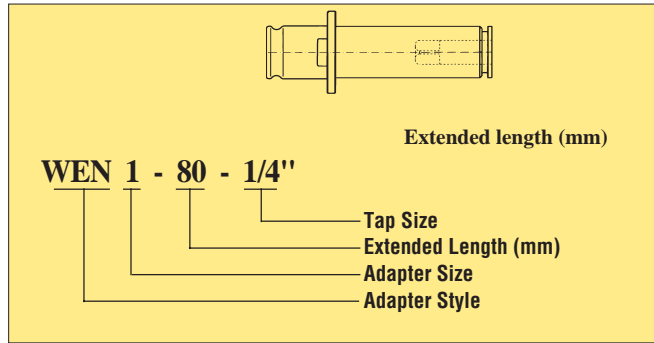
Part Number	Complete Description	Price Each	[B]
21 132 910	WRE 1/0 Adapter Reducer	78.00	
22 132 910	WRE 2/0 Adapter Reducer	108.00	
22 132 911	WRE 2/1 Adapter Reducer	108.00	
23 132 911	WRE 3/1 Adapter Reducer	222.00	
23 132 912	WRE 3/2 Adapter Reducer	222.00	
24 132 912	WRE 4/2 Adapter Reducer	432.00	
24 132 913	WRE 4/3 Adapter Reducer	432.00	



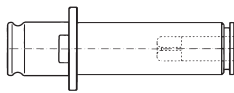
# Quick-Change Adapters

## Quick-Change Adapters Extended Positive-Drive – Type : WEN-V

- Modular, quick-change design provides the ultimate in machining flexibility. Allows a single tap chuck to accept a range of tap shank diameters, inch or metric, without a complete change in machine or toolholding set-ups.
- Length adjustment feature allows tapping depth to be preset “off-machine.”
- Extended design allows the use of standard length taps in applications with confined working envelopes.



### WEN . V ( Tap Size)



Part Number	Complete Description	Price Each	
29 310*	WEN 0-40	120.00	<b>[B]</b>
29 311*	WEN 0-50	125.00	
29 312*	WEN 0-60	130.00	
29 313*	WEN 0-70	135.00	
29 314*	WEN 0-80	142.00	
29 315*	WEN 0-90	147.00	
29 316*	WEN 0-100	157.00	
29 317*	WEN 0-110	170.00	
29 318*	WEN 0-120	176.00	
21 310*	WEN 1-40	120.00	
21 311*	WEN 1-50	125.00	
21 312*	WEN 1-60	130.00	
21 313*	WEN 1-70	135.00	
21 314*	WEN 1-80	142.00	
21 315*	WEN 1-90	147.00	
21 316*	WEN 1-100	157.00	
21 317*	WEN 1-110	170.00	
21 318*	WEN 1-120	176.00	
21 319*	WEN 1-130	183.00	
21 320*	WEN 1-140	189.00	
22 313*	WEN 2-70	199.00	
22 314*	WEN 2-80	199.00	
22 315*	WEN 2-90	218.00	
22 316*	WEN 2-100	218.00	
22 317*	WEN 2-110	232.00	
22 318*	WEN 2-120	232.00	
22 319*	WEN 2-130	285.00	
22 320*	WEN 2-140	285.00	
22 321*	WEN 2-150	298.00	
22 322*	WEN 2-160	298.00	
23 316*	WEN 3-100	447.00	
23 318*	WEN 3-120	464.00	
23 320*	WEN 3-140	474.00	
23 322*	WEN 3-160	493.00	
23 323*	WEN 3-180	508.00	

\* To Order WEN-V Adapters For Exact Tap Sizes, Complete Part Numbers By Referring to the WEN-V Part Numbers Suffix Table (Right)

### WEN-V Part Number Suffix Table

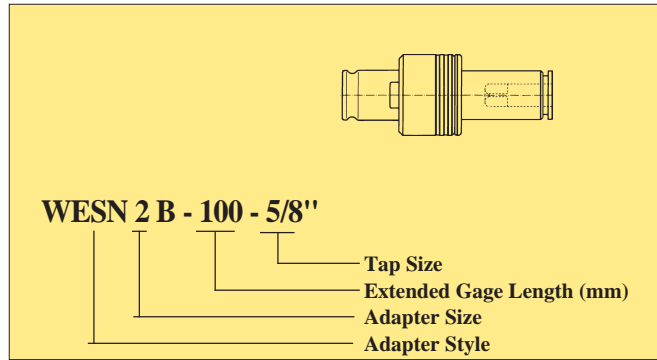
To order WEN-V adapters for exact tap sizes, combine tap size

Connection Size	Tap Size	Part Number Suffix	Tap Size	Part Number Suffix
<b>Size 0 – WEN 0</b>				
	#6	028	M3 DIN 371	025
	#8	041	M4 DIN 371	044
	#10	052	M5 DIN 371	0671
	#12	062	M6 DIN 371	0672
	1/4	077	M8 DIN 371	087
	5/16	101	M8 DIN 376	0673
			M10 DIN 376	082
<b>Size 1 – WEN 1</b>				
	#6	019	M3 DIN 371	017
	#8	027	M4 DIN 371	030
	#10	038	M5 DIN 371	0541
	#12	046	M6 DIN 371	0542
	1/4"	063	M8 DIN 371	086
	5/16"	089	M10 DIN 371	115
	3/8"	112	M8 DIN 376	0543
	7/16"	091	M10 DIN 376	068
	1/2"	105	M12 DIN 376	099
	9/16"	119	M14 DIN 376	123
	1/8" SS Pipe	081		
	1/8" LS Pipe	124		
<b>Size 2 – WEN 2</b>				
	5/16"	022	M6 DIN 371	004
	3/8"	040	M8 DIN 371	020
	7/16"	023	M10 DIN 371	041
	1/2"	033	M8 DIN 376	0042
	9/16"	043	M12 DIN 376	011
	5/8"	058	M12 DIN 376	031
	11/16"	067	M14 DIN 376	046
	3/4"	147	M16 DIN 376	056
	13/16"	089	M18 DIN 376	069
	7/8"	093	M20 DIN 376	084
<b>Reduced Depth – WEN R 2</b>				
	1/4"P	002		
	3/8"P	005		
	1/2"P	004		
<b>Size 3 – WEN 3</b>				
	13/16"	018	M14 DIN 376	004
	7/8"	021	M16 DIN 376	006
	15/16"	028	M18 DIN 376	011
	1"	031	M20 DIN 376	016
	1-1/8"	038	M22 DIN 376	0241
	1-1/4"	045	M24 DIN 376	0242
	1-3/8"	053	M27 DIN 376	030
			M30 DIN 376	035
			M33 DIN 376	044
<b>Reduced Depth – WEN R 3</b>				
	1/2"P	049		
	3/4"P	004		
	1"P	007		
	3/8"P	035		



**Quick-Change Adapters Extended Length Torque – Type : WESN B-V**

- Modular, quick-change design provides the ultimate in machining flexibility. Allows a single tap chuck to accept a range of tap shank diameters, inch or metric, without a complete change in machine or toolholding set-ups.
- Integral, adjustable torque clutch reduces tap breakage. Lefthand tap clutches available on request.
- Length adjustment feature allows tapping depth to be preset “off-machine.”
- Extended design allows the use of standard length taps in applications with confined working envelopes.



**WESN . B V (Tap Size)**

Part Number	Complete Description	Price Each
29 710*	WESN 0 B-40	170.00
29 711*	WESN 0 B-50	175.00
29 712*	WESN 0 B-60	179.00
29 713*	WESN 0 B-70	183.00
29 714*	WESN 0 B-80	188.00
29 715*	WESN 0 B-90	204.00
29 716*	WESN 0 B-100	210.00
29 717*	WESN 0 B-110	218.00
29 718*	WESN 0 B-120	226.00
21 710*	WESN 1 B-40	170.00
21 711*	WESN 1 B-50	175.00
21 712*	WESN 1 B-60	179.00
21 713*	WESN 1 B-70	183.00
21 714*	WESN 1 B-80	188.00
21 715*	WESN 1 B-90	204.00
21 716*	WESN 1 B-100	209.00
21 717*	WESN 1 B-110	214.00
21 718*	WESN 1 B-120	220.00
21 719*	WESN 1 B-130	227.00
21 720*	WESN 1 B-140	233.00
22 713*	WESN 2 B-70	271.00
22 714*	WESN 2 B-80	270.00
22 715*	WESN 2 B-90	275.00
22 716*	WESN 2 B-100	282.00
22 717*	WESN 2 B-110	290.00
22 718*	WESN 2 B-120	275.00
22 719*	WESN 2 B-130	291.00
22 720*	WESN 2 B-140	300.00
22 721*	WESN 2 B-150	339.00
22 722*	WESN 2 B-160	350.00
23 716*	WESN 3 B-100	554.00
23 718*	WESN 3 B-120	567.00
23 720*	WESN 3 B-140	580.00
23 722*	WESN 3 B-160	591.00
23 723*	WESN 3 B-180	608.00

Other lengths available on request.

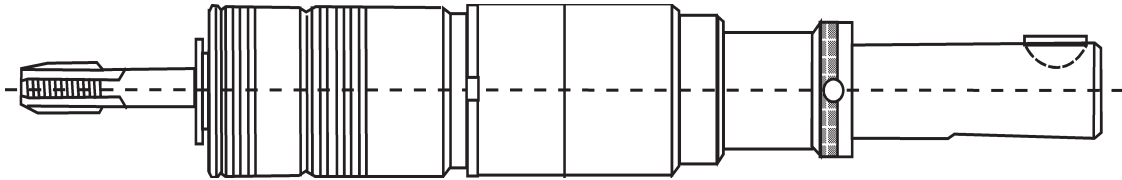
\* To order WESN B-V Adapters For Exact Tap Sizes, Complete Part Numbers By Referring To The WESN B-V Part Number Suffix Table (Right).

**WESN B-V Part Number Suffix Table**

To order WESN B-V Adapters for exact tap sizes, combine tap size suffix with appropriate adapter part number.

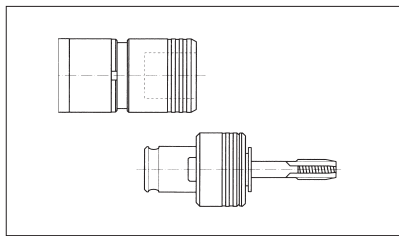
Connection Size	Tap Size	Part Number Suffix	Tap Size	Part Number Suffix
<b>Size 0 – WESN 0B</b>				
	#6	028	M3 DIN 371	025
	#8	041	M4 DIN 371	044
	#10	052	M5 DIN 371	0671
	#12	062	M6 DIN 371	0672
	1/4	077	M8 DIN 371	087
	5/16	101	M8 DIN 376	0673
			M10 DIN 376	082
<b>Size 1 – WESN 1B</b>				
	#6	019	M3 DIN 371	017
	#8	027	M4 DIN 371	030
	#10	038	M5 DIN 371	0541
	#12	046	M6 DIN 371	0542
	1/4	063	M8 DIN 371	086
	5/16	089	M10 DIN 371	115
	3/8	112	M8 DIN 376	0543
	7/16	091	M10 DIN 376	068
	1/2	105	M12 DIN 376	099
	9/16	119	M14 DIN 376	123
	1/8 SS Pipe	081		
	1/8 LS Pipe	124		
<b>Size 2 – WESN 2B</b>				
	5/16"	022	M6 DIN 371	0041
	3/8"	040	M8 DIN 371	020
	7/16"	023	M10 DIN 371	041
	1/2"	033	M8 DIN 376	0042
	3/16"	043	M10 DIN 376	011
	5/8"	058	M12 DIN 376	031
	11/16"	067	M14 DIN 376	046
	3/4"	147	M16 DIN 376	056
	13/16"	089	M18 DIN 376	069
	7/8"	093	M20 DIN 376	084
<b>Reduced Tap Depth – WESNR 2B</b>				
	1/4" P	002		
	3/8" P	005		
	1/2" P	004		
<b>Size 3 – WESN 3B</b>				
	13/16"	018	M14 DIN 376	004
	7/8"	021	M16 DIN 376	006
	15/16"	028	M18 DIN 376	011
	1"	031	M20 DIN 376	016
	1-1/8"	038	M22 DIN 376	0241
	1-1/4"	045	M24 DIN 376	0242
	1-3/8"	053	M27 DIN 376	030
			M30 DIN 376	035
			M33 DIN 376	044
<b>Reduced Tap Depth – WESNR 3B</b>				
	1/2" P	049		
	3/4" P	004		
	1" P	007		
	3/8" P	035		

WFLP – WF



**For tapping and thread forming on transfer lines and special purpose machines**

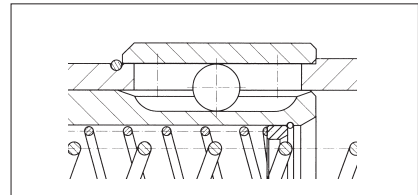
BILZ WFLP-WF chucks are designed for multi-spindle tapping applications, and are used in conjunction with the WE-WESN range of tap adaptors, the system is also available with coolant feed facility.



The system is designed for rapid and easy adaptor change, which are automatically locked in position on their insertion into the chuck.

The length compensation on tension and compression allows for any fluctuations which may occur between the spindle feed and the thread pitch, thus allowing multi-spindle tapping with varying pitches possible, without the need to match revolutions and feed.

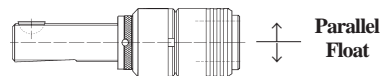
The ratio of compression and extension can be chosen to suit varying requirements. The self centering float mechanism facilitates any misalignment of  $> 0,2$  mm, between the machine spindle axis and cored holes in the component.



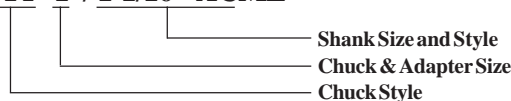


## Quick-Change Parallel Float Chucks – Type: WFP

- For use on: Machines with synchronous feed.
- Lead screw machines.
- Special purpose machines, rotary transfer lines.
- For use with interchangeable quick-change adapters.
- Equipped with self-centering, radial parallel float to compensate for misalignment between tap and hole.



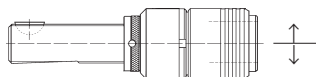
### WFP 1 / 1-1/16" ACME



## Parallel Float Chucks

### WFP. /Acme [B]

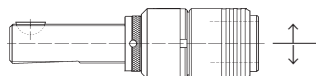
- Radial / Parallel Float
- Use with quick-change adapters Type: WE / WEN



Part Number	Complete Description	Price Each
11 200 016	WFP 0 / 5/8"	199.00
11 200 018	WFP 0 / 3/4"	208.00
11 210 016	WFP 1 / 5/8"	250.00
11 210 018	WFP 1 / 3/4"	206.00
11 210 017	WFP 1 / 7/8"	221.00
11 210 020	WFP 1 / 1-1/16"	221.00
11 210 021	WFP 1 / 1-3/8"	330.00
11 220 020	WFP 2 / 1-1/16"	340.00
11 220 021	WFP 2 / 1-3/8"	369.00
11 230 021	WFP 3 / 1-3/8"	920.00
11 230 022	WFP 3 / 1-7/8"	1220.00

### WFP. /Tr .. [B]

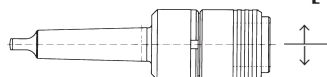
- Radial / Parallel Float
- DIN 6327 Trapezoidal



Part Number	Complete Description	Price Each
11 200 001	WFP 0/Tr 16	199.00
11 200 003	WFP 0/Tr 20	206.00
11 210 001	WFP 1/Tr 16	221.00
11 210 003	WFP 1/Tr 20	206.00
11 210 006	WFP 1/Tr 28	221.00
11 220 003	WFP 2/Tr 20	345.00
11 220 006	WFP 2/Tr 28	322.00
11 220 009	WFP 2/Tr 36	342.00

### WFP. /MT . [B]

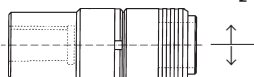
- Morse Taper
- DIN 228 MK




Part Number	Complete Description	Price Each
11 200 024	WFP 0/MT 1	153.00
11 210 024	WFP 1/MT 1	156.00
11 210 025	WFP 1/MT 2	156.00
11 220 028	WFP 2/MT 3	282.00

### WFP. /B .. [B]

- DIN 238



Part Number	Complete Description	Price Each
11 200 041	WFP 0/B 12	152.00
11 210 042	WFP 1/B 16	152.00
11 220 043	WFP 2/B 18	POA



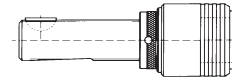
Detailed, dimensional tool drawings are available upon request.  
 Call (800)227-5460 or  
 FAX (800) 937-7752



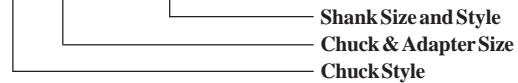
# High Performance Automotive Tooling

## Quick-Change Rigid Tap Chucks – Type: WF

- For use on: Machines with synchronous feed.
- Lead screw machines.
- Special purpose machines, rotary transfer lines.



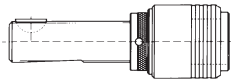
### WF 1 / 1-1/16" ACME



### Rigid Tap Chucks

#### WF. /Acme [B]

- Automotive Shank

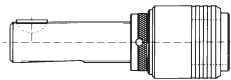


NOTE: Quantity Pricing Applies

Part Number	Complete Description	Price Each
11 300 016	WF 0 5/8"	POA
11 300 018	WF 0 3/4"	POA
11 310 018	WF 1 3/4"	208.00
11 310 017	WF 1 7/8"	315.00
11 310 020	WF 1 1/1-1/16"	225.00
11 310 021	WF 1 1/1-3/8"	POA
11 320 020	WF 2 1/1-1/16"	POA
11 330 021	WF 3 1/1-3/8"	POA
11 330 022	WF 3 1/1-7/8"	POA

#### WF. /Tr.. [B]

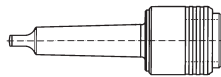
- DIN 6327 Trapezoidal



Part Number	Complete Description	Price Each
11 300 001	WF 0/Tr 16	166.00
11 310 001	WF 1/Tr 16	166.00
11 310 003	WF 1/Tr 20	166.00
11 310 006	WF 1/Tr 28	189.00
11 320 003	WF 2/Tr 20	240.00
11 320 006	WF 2/Tr 28	240.00

#### WF. /MT. [B]

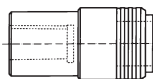
- Morse Taper
- DIN 228 MK



Part Number	Complete Description	Price Each
11 300 024	WF 0/MT 1	POA
11 310 025	WF 1/MT 2	186.00
11 320 028	WF 2/MT 3	POA

#### WF. /B.. [B]

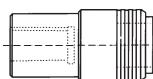
- DIN 238



Part Number	Complete Description	Price Each
11 300 040	WF 0/B 10	111.00
11 300 041	WF 0/B 12	113.00
11 310 041	WF 1/B 12	121.00
11 310 042	WF 1/B 16	113.00
11 320 043	WF 2/B 18	173.00

#### WF. /JT. [B]

- Jacobs® Taper

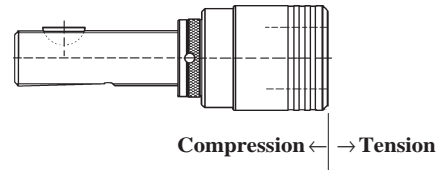


Part Number	Complete Description	Price Each
11 700 543	WF 0/JT2	POA
11 700 437	WF 0/JT33	POA
11 700 076	WF 0/JT1	POA
11 700 202	WF 1/JT1	POA
11 700 590	WF 1/JT2	POA
11 700 172	WF 1/JT33	POA
11 700 438	WF 2/JT3	POA

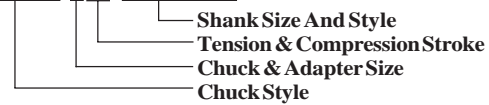


**Quick-Change Tension & Compression Tap Chucks – Type: WFLK**

- Length compensating tension and compression feature adjusts for differences between spindle speed, feed rate and tap pitch.
- Integral, hard start mechanism adjusts cutting pressure to ensure positive start of tapping cycle.
- May be operated in horizontal or vertical positions for tapping either right or lefthand threads.
- Transfer lines, rotary tables and special purpose machines.



**WFLK 115 B/ 1-1/16" ACME**

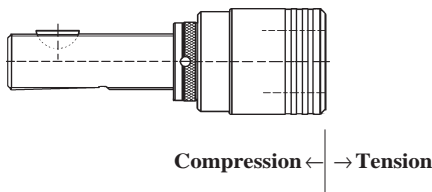


**Tension & Compression Chucks**

**WFLK ... B/Acme**

[B]

- Short Gage Length



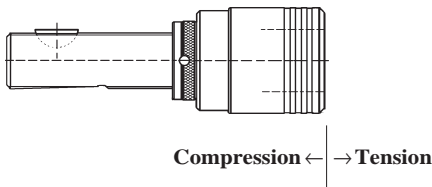
Part Number	Complete Description	Price Each
12 400 016	WFLK 013 B/5/8"	322.00
12 400 018	WFLK 013 B/3/4"	307.00
12 410 018	WFLK 115 B/3/4"	265.00
12 410 017	WFLK 115 B/7/8"	303.00
12 410 020	WFLK 115 B/1-1/16"	277.00
12 410 021	WFLK 115 B/1-3/8"	318.00
12 420 020	WFLK 225 B/1-1/16"	369.00
12 420 021	WFLK 225 B/1-3/8"	385.00
12 420 022	WFLK 225 B/1-7/8"	POA
12 430 021	WFLK 340 B/1-3/8"	683.00
12 430 022	WFLK 340 B/1-7/8"	POA
12 440 022	WFLK 445 B/1-7/8"	POA

NOTE: Quantity Pricing Applies

**WFLK ...B/Tr..**

[B]

- DIN 6327 Trapezoidal
- Short Gage Length



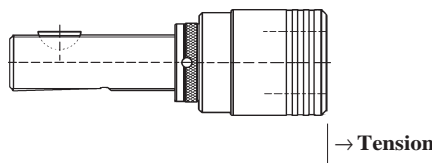
Part Number	Complete Description	Price Each
12 400 101	WFLK 013 B/Tr 16	POA
12 400 103	WFLK 013 B/Tr 20	307.00
12 410 101	WFLK 115 B/Tr 16	POA
12 410 103	WFLK 115 B/Tr 20	251.00
12 410 106	WFLK 115 B/Tr 28	264.00
12 420 103	WFLK 225 B/Tr 20	319.00
12 420 106	WFLK 225 B/Tr 28	319.00
12 420 109	WFLK 225 B/Tr 36	POA
12 330 109	WFLK 340 B/Tr 36	POA

**Tension Chucks**

**WFLK ... -O B/Acme**

[B]

- Shorter Gage Length
- Tension only



Part Number	Complete Description	Price Each
12 008 119	WFLK 013-O B/5/8"	322.00
12 008 118	WFLK 013-O B/3/4"	307.00
12 018 485	WFLK 115-O B/3/4"	295.00
12 018 491	WFLK 115-O B/7/8"	303.00
12 018 486	WFLK 115-O B/1"	POA
12 018 484	WFLK 115-O B/1-1/16"	297.00

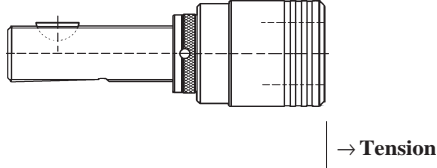


**Quick-Change Tension & Compression Tap Chucks – Type: WFLK**

**Tension Chucks**

**WFLK ... -O B/Tr.. [B]**

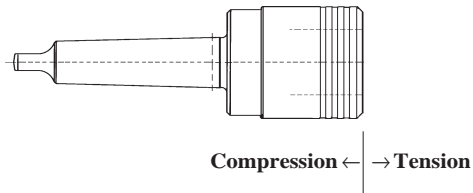
- DIN 6327 Trapezoidal
- Shorter Gage Length



Part Number	Complete Description	Price Each
12 300 101	WFLK 013-O /Tr 16	POA
12 008 027	WFLK 013-O B/Tr 20	307.00
12 008 074	WFLK 013-4/Tr 16	POA
12 018 419	WFLK 115-O B/Tr 20	251.00
12 410 ...	WFLK 115-O B/Tr 28	POA
12 028 501	WFLK 225-O B/Tr 28	POA

**WFLK ...B/MT. [B]**

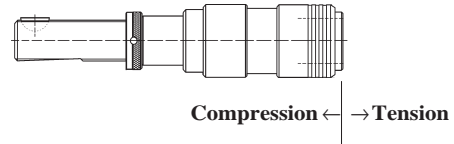
- Morse Taper
- DIN 228 MK



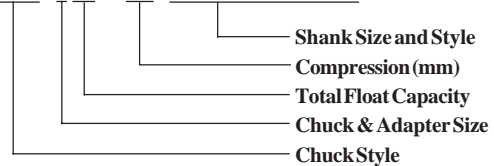
Part Number	Complete Description	Price Each
12 400 125	WFLK 013 B/MT 2	327.00
12 410 125	WFLK 115 B/MT 2	268.00
12 410 128	WFLK 115 B/MT 3	268.00
12 420 128	WFLK 225 B/MT 3	303.00
12 420 131	WFLK 225 B/MT 4	347.00
12 430 131	WFLK 340 B/MT 4	619.00
12 430 134	WFLK 340 B/MT 5	POA
12 440 134	WFLK 445 B/MT 5	POA

**Quick-Change Tension & Compression Tap Chucks – Type: WFL/DZ**

- Designed for transfer lines, special purpose machines, multiple spindle heads.
- Available in full tension or a combination of tension/compression.
- Gage lengths compatible to competition.

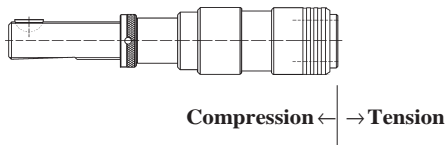


**WFL 130 - 15 /1-1/16" ACME**



**Tension & Compression Tap Chucks**

**WFL ... -./ Acme [B]**



Part Number	Complete Description	Price Each
11 102 316	WFL 030-15 /5/8"	POA
11 102 318	WFL 030-15 /3/4"	POA
11 112 818	WFL 140-20 /3/4"	POA
11 112 817	WFL 140-20 /7/8"	POA
11 112 620	WFL 140-30 /1-1/16"	241.00
11 112 820	WFL 140-20 /1-1/16"	241.00
11 112...	WFL 140-10 /1-1/16"	241.00
11 113 020	WFL 140-00 /1-1/16"	241.00
11 122 820	WFL 240-20 /1-1/16"	POA
11 122 821	WFL 240-20 /1-3/8"	POA
11 132 820	WFL 340-20 /1-1/16"	POA
11 132 821	WFL 340-20 /1-3/8"	POA
11 143 321	WFL 460-30 /1-3/8"	POA

NOTE: Quantity Pricing Applies



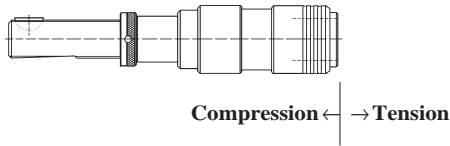


**Quick-Change Tension & Compression Tap Chucks – Type: WFL**

**Tension & Compression Tap Chucks**

**WFL ...-.. /Tr.. [B]**

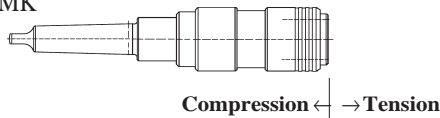
- DIN 6327 Trapezoidal



Part Number	Complete Description	Price Each
11 102 201	WFL 030-20/Tr 16	219.00
11 102 301	WFL 030-15/Tr 16	219.00
11 102 401	WFL 030-00/Tr 16	219.00
11 112 606	WFL 140-30/Tr 28	244.00
11 112 806	WFL 140-20/Tr 28	244.00
11 113 006	WFL 140-00/Tr 28	244.00
11 122 806	WFL 240-20/Tr 28	338.00
11 123 006	WFL 240-00/Tr 28	338.00

**WFL ...-.. /MT . [C]**

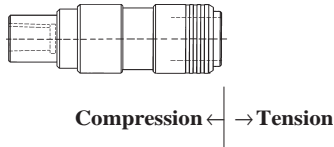
- Morse Taper
- DIN 228 MK



Part Number	Complete Description	Price Each
11 102 324	WFL 030-15/MT 1	POA
11 112 825	WFL 140-20/MT 2	POA
11 122 828	WFL 240-20/MT 3	POA
11 132 831	WFL 340-20/MT 4	POA

**WFL ...-.. /B .. [C]**

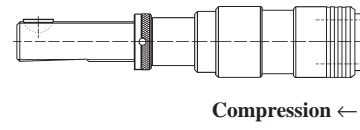
- DIN 238



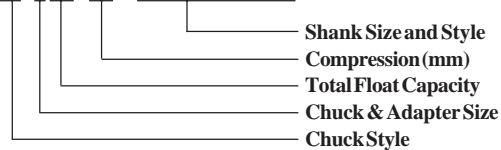
Part Number	Complete Description	Price Each
11 102 341	WFL 030-15/B 12	193.00
11 112 842	WFL 140-20/B 16	208.00
11 122 843	WFL 240-20/B 18	335.00
11 132 845	WFL 340-20/B 24	651.00

**Quick-Change Compression Tap Chucks – Type: WFL**

- Designed for transfer lines, special purpose machines, multiple spindle heads.
- Available in a combination of compression ranges.
- Modifiable gage lengths to match competition.



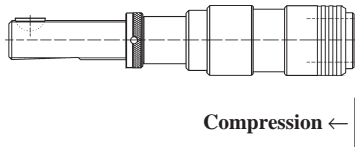
**WFL 130-30 / 1-1/16" ACME**



**Compression Tap Chucks**

**WFL ...-.. /Acme [B]**

- Modifiable Gage Lengths



Part Number	Complete Description	Price Each
11 100 416	WFL 020-20 /5/8"	POA
11 100 418	WFL 020-20 /3/4"	POA
11 100 616	WFL 030-30 /5/8"	POA
11 100 618	WFL 030-30 /3/4"	POA
11 110 616	WFL 130-30 /5/8"	POA
11 110 618	WFL 130-30 /3/4"	POA
11 110 617	WFL 130-30 /7/8"	POA
11 110 619	WFL 130-30 /1"	POA
11 110 620	WFL 130-30 /1-1/16"	POA
11 110 621	WFL 130-30 /1-3/8"	POA
11 110 718	WFL 140-40 /3/4"	POA
11 110 717	WFL 140-40 /7/8"	POA
11 110 719	WFL 140-40 /1"	POA
11 110 720	WFL 140-40 /1-1/16"	POA
11 110 721	WFL 140-40 /1-3/8"	POA
11 120 620	WFL 230-30 /1-1/16"	POA
11 120 621	WFL 230-30 /1-3/8"	POA
11 120 720	WFL 240-40 /1-1/16"	POA
11 120 721	WFL 240-40 /1-3/8"	POA
11 130 622	WFL 340-40 /1-7/8"	POA

NOTE: Quantity Pricing Applies

Detailed, dimensional tool drawings are available upon request.  
Call (800)227-5460 or FAX (800) 937-7752



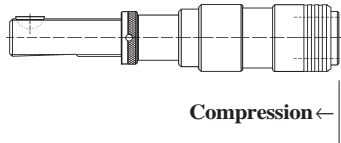
**Quick-Change Compression Tap Chucks – Type: WFL**

**Compression Tap Chucks**

WFL ...-.. /Tr..

[B]

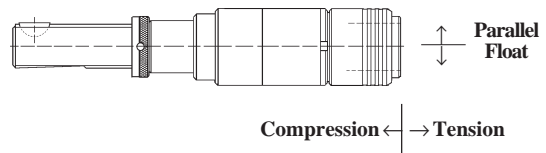
- DIN 6327 Trapezoidal



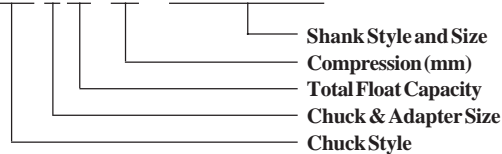
Part Number	Complete Description	Price Each
11 100 401	WFL 020-20/Tr 16	207.00
11 100 601	WFL 030-30/Tr 16	207.00
11 110 606	WFL 130-30/Tr 28	233.00
11 110 706	WFL 140-40/Tr 28	233.00
11 120 606	WFL 230-30/Tr 28	322.00
11 120 706	WFL 240-40/Tr 28	322.00
11 120 709	WFL 240-40/Tr 36	334.00

**Quick-Change Tension & Compression Tap Chucks – Type: WFLP/DZ (With Parallel Float)**

- Designed for transfer lines, special purpose machines, multiple spindle heads.
- Available in full tension or a combination of tension/compression ranges.
- Modifiable gage lengths to match competition.



**WFLP 140 - 20 / 1-1/16" ACME**

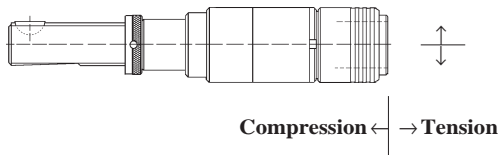


**Tension & Compression Tap Chucks**

WFLP ...-.. /Acme

[B]

- Radial /Parallel Float
- Modifiable gage lengths



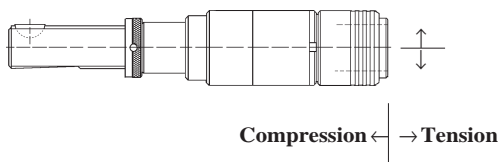
Part Number	Complete Description	Price Each
11 002 316	WFLP 030-15 /5/8"	342.00
11 002 318	WFLP 030-15 /3/4"	342.00
11 012 818	WFLP 140-20 /3/4"	307.00
11 012 817	WFLP 140-20 /7/8"	POA
11 012 819	WFLP 140-20 /1.0"	POA
11 012 620	WFLP 140-30 /1-1/16"	307.00
11 012 820	WFLP 140-20 /1-1/16"	307.00
11 012 ...	WFLP 140-10 /1-1/16"	307.00
11 013 020	WFLP 140-00 /1-1/16"	307.00
11 012 821	WFLP 140-20 /1-3/8"	401.00
11 022 820	WFLP 240-20 /1-1/16"	455.00
11 022 821	WFLP 240-20 /1-3/8"	469.00
11 032 821	WFLP 340-20 /1-3/8"	POA
11 043 321	WFLP 460-30 /1-3/8"	POA

NOTE: Quantity Pricing Applies

WFLP ...-.. /Tr..

[B]

- DIN 6327 Trapezoidal

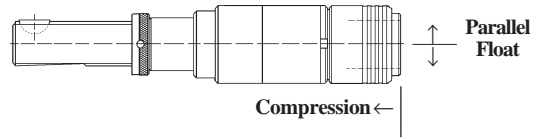


Part Number	Complete Description	Price Each
11 002 201	WFLP 030-20/Tr 16	283.00
11 002 301	WFLP 030-15/Tr 16	283.00
11 002 401	WFLP 030-00/Tr 16	283.00
11 012 606	WFLP 140-30/Tr 28	307.00
11 012 806	WFLP 140-20/Tr 28	307.00
11 013 006	WFLP 140-00/Tr 28	307.00
11 022 606	WFLP 240-30/Tr 28	433.00
11 022 806	WFLP 240-20/Tr 28	433.00
11 023 006	WFLP 240-20/Tr 28	433.00

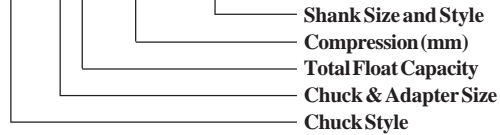


**Quick-Change Compression Tap Chucks – Type: WFLP (With Parallel Float)**

- Designed for transfer lines, special purpose machines, multiple spindle heads.
- Available in full compression or any combination of compression.
- Modifiable gage lengths to match competition.



**WFLP 140 - 40 / 1-1/16" ACME**

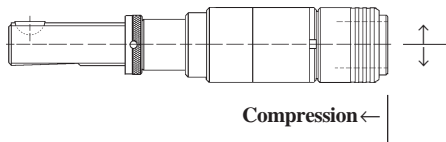


**Compression Tap Chucks**

**WFLP ...-.. /Acme**

[B]

- Radial /Parallel Float
- Modifiable Gage Lengths



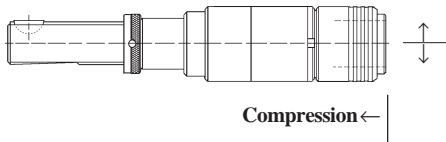
NOTE: Quantity Pricing Applies

Part Number	Complete Description	Price Each
11 000 416	WFLP 020-20 /5/8"	POA
11 000 418	WFLP 020-20 /3/4"	POA
11 000 616	WFLP 030-30 /5/8"	POA
11 000 618	WFLP 030-30 /3/4"	POA
11 010 616	WFLP 130-30 /5/8"	POA
11 010 618	WFLP 130-30 /3/4"	POA
11 010 617	WFLP 130-30 /7/8"	POA
11 010 619	WFLP 130-30 /1"	POA
11 010 620	WFLP 130-30 /1-1/16"	POA
11 010 621	WFLP 130-30 /1-3/8"	POA
11 010 718	WFLP 140-40 /3/4"	POA
11 010 717	WFLP 140-40 /7/8"	POA
11 010 719	WFLP 140-40 /1.0"	POA
11 010 720	WFLP 140-40 /1-1/16"	POA
11 012 621	WFLP 140-40 /1-3/8"	POA
11 020 620	WFLP 230-30 /1-1/16"	POA
11 020 621	WFLP 230-30 /1-3/8"	POA
11 020 720	WFLP 240-40 /1-1/16"	POA
11 020 721	WFLP 240-40 /1-3/8"	POA
11 030 721	WFLP 340-40 /1-3/8"	POA
11 030 722	WFLP 340-40 /1-7/8"	POA

**WFLP ...-.. /Tr..**

[B]

- DIN 6327 Trapezoidal



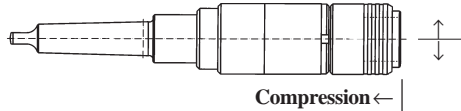
NOTE: Further Versions Available Upon Request.

Part Number	Complete Description	Price Each
11 000 401	WFLP 020-20/Tr 16	269.00
11 000 601	WFLP 030-30/Tr 16	269.00
11 010 606	WFLP 130-30/Tr 28	298.00
11 010 706	WFLP 140-40/Tr 28	298.00
11 020 606	WFLP 230-30/Tr 28	415.00
11 020 706	WFLP 240-40/Tr 28	415.00
11 030 709	WFLP 340-40/Tr 36	POA

**WFLP ...-.. /MT.**

[B]

- Parallel / Radial Float
- Morse Taper
- DIN 228 MK

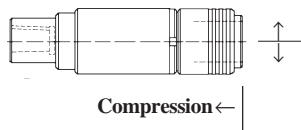


Part Number	Complete Description	Price Each
11 002 324	WFLP 030-15/MT 1	POA
11 012 825	WFLP 140-20/MT 2	369.00
11 022 828	WFLP 240-20/MT 3	POA
11 032 831	WFLP 340-20/MT 4	POA
11 012 828	WFLP 140-20/MT 3	POA

**WFLP ...-.. /B..**

[B]

- Parallel / Radial Float
- DIN 238

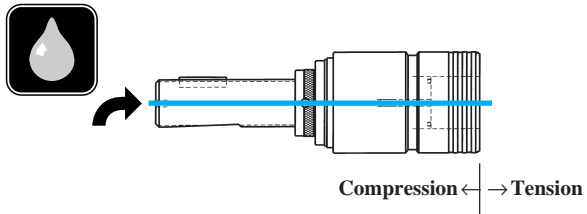


Part Number	Complete Description	Price Each
11 002 341	WFLP 030-15/B 12	POA
11 012 842	WFLP 140-20/B 16	POA
11 022 843	WFLP 240-20/B 18	POA
11 032 845	WFLP 340-20/B 24	POA

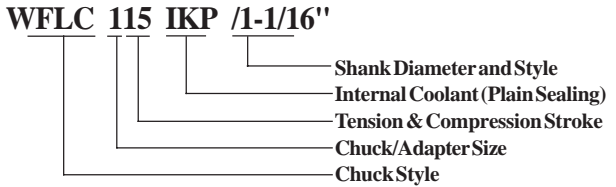


## Quick-Change Internal Coolant Tap Chucks – Type: WFLC / WF Automotive Shanks

- Internal coolant automotive shank.
- Maximum coolant pressure - 290psi (20 BAR)
- WFLK Versions available upon request.



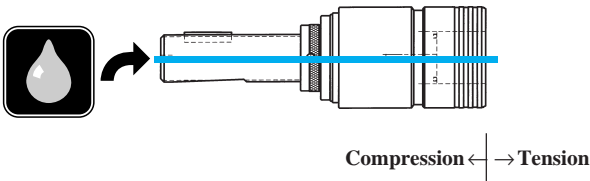
NOTE: WFLC ... K/ Acme/Tr  
 WFLC ... OK/ Acme/Tr  
 Available Upon Request.



### Tension & Compression Tap Chucks

#### WFLC ... IKP /Acme [C]

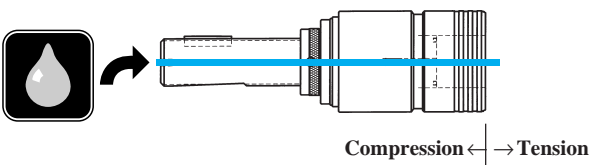
- Internal coolant 290 psi (20 bar)
- Maintenance free operation



Part Number	Complete Description	Price Each
38 018 073	WFLC 115 IKP /3/4"	767.00
38 018 074	WFLC 115 IKP /1-1/16"	788.00
38 028 025	WFLC 220 IKP /1-1/16"	899.00
38 028 026	WFLC 220 IKP /1-3/8"	899.00
38 038 037	WFLC 335 IKP /1-1/16"	1242.00
38 038 038	WFLC 335 IKP /1-3/8"	1252.00
38 048 009	WFLC 440 IKP /1-3/8"	POA
38 048 010	WFLC 440 IKP /1-7/8"	POA

#### WFLC ... IKP /Tr [C]

- Internal coolant 290 psi (20 bar)
- Maintenance free operation

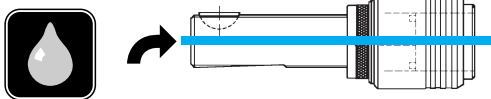


Part Number	Complete Description	Price Each
38 018 016	WFLC 115 IKP/Tr 20	687.00
38 018 004	WFLC 115 IKP/Tr 28	727.00
38 028 004	WFLC 220 IKP/Tr 28	838.00
38 038 012	WFLC 335 IKP/Tr 28	1162.00
38 038 008	WFLC 335 IKP/Tr 36	1172.00
38 048 006	WFLC 440 IKP/Tr 36	POA
38 048 011	WFLC 440 IKP/Tr 48	POA

### Rigid Tap Chucks

#### WF . IKP /Acme [C]

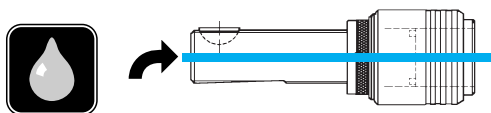
- Internal coolant 290 psi (20 bar)
- Rigid quick-change



Part Number	Complete Description	Price Each
11 700 629	WF 1 IKP /3/4"	POA
11 700 630	WF 1 IKP /1-1/16"	POA
11 700 638	WF 2 IKP /1-1/16"	POA
11 700 743	WF 2 IKP /1-3/8"	POA
11 700 744	WF 3 IKP /1-1/16"	POA
11 700 745	WF 3 IKP /1-3/8"	POA
11 700 746	WF 4 IKP /1-3/8"	POA
11 700 747	WF 4 IKP /1-7/8"	POA

#### WF . IKP /Tr [C]

- Internal coolant 290 psi (20 bar)
- Rigid quick-change

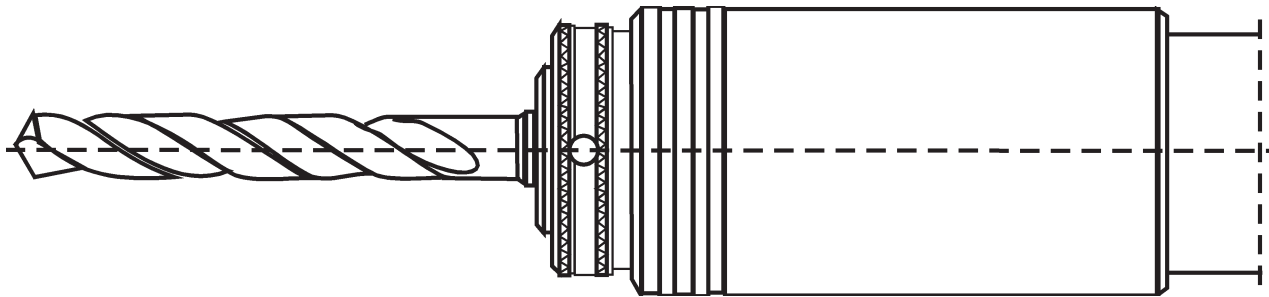


Part Number	Complete Description	Price Each
11 700 569	WF 1 IKP/Tr 20	POA
11 700 722	WF 1 IKP/Tr 28	POA
11 700 570	WF 2 IKP/Tr 20	POA
11 700 632	WF 2 IKP/Tr 28	POA
11 700 544	WF 3 IKP/Tr 28	POA
11 700 748	WF 4 IKP/Tr 36	POA
11 700 723	WF 4 IKP/Tr 48	POA

NOTE: Quantity Pricing Applies

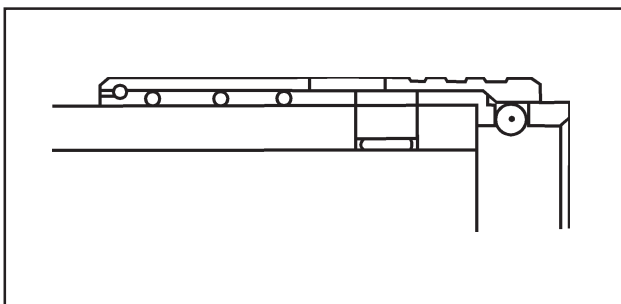


ASB – ASBA – ASBVA

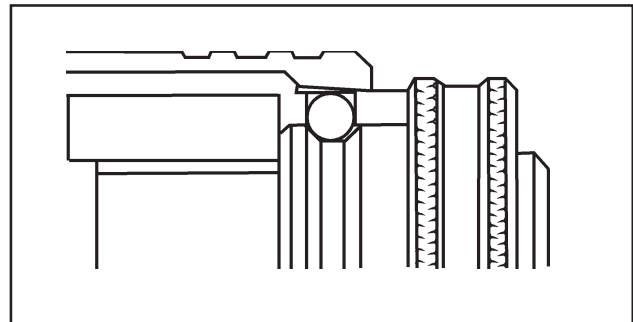


*Over The Spindle Quick-Change Chucks for drilling, chamfering and counterboring tools.*

These over the spindle quick-change chucks can be fixed to the noses of automotive spindles which conform to DIN 55058 and ASA standards. They are located on the spindle by means of a special screw which locks the chuck on to the spindle nose. This screw locates in a tapped hole in the spindle, and the inner sleeve of the chuck has six holes which accommodate the positional tolerance of the tapped hole in the spindle and ensure free of play positioning.




These quick-change over the spindle chucks, combined with the Bilz. SSM adjustable lock nuts provide a rapid and effective quick change system for adjustable adaptors and toolholders with DIN 6327 or ANSI specifications. They can be used on multi-spindle machines, transfer lines and special purpose machines.



Tools can be changed quickly and easily, the tools are automatically locked into the unit on location of the tool into the spindle.

The tools are released by pulling forward the outer sleeve of the chuck and removing the tool from the spindle.

This quick change system ensures the safe, play-free location of tools in the spindle. Tool change is carried out when the spindle is stationary and the tools are easily handled even in restricted locations such as multi-spindle heads.



Detailed, dimensional tool drawings are available upon request.  
 Call (800) 227-5460 or  
 FAX (800) 937-7752



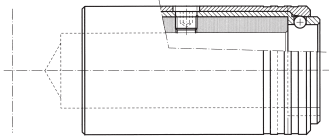
## Quick-Change Over-Spindle Drill Chucks – Type: ASB

- Over-spindle design with quick-change feature for drilling, counterboring and chamfering operations.
- Meets ANSI and DIN standards.
- Used with SSM nut, allows quick changing of adjustable adapters and other tools with trapezoidal or ACME threads.
- Tool changes are accomplished manually without the use of other tools.

### ASB .. Acme/Tr

[B]

- Quick-change Drill/Tap Chucks.
- DIN 55058 spindle.
- Adverse operating conditions.
- SSM quick-change nut required.



Part Number	Complete Description		Price Each
33 001 001	ASB 1/2"	ACME Q.C. Chuck	127.00
33 001 002	ASB 5/8"	ACME Q.C. Chuck	149.00
33 001 003	ASB 3/4"	ACME Q.C. Chuck	159.00
33 001 004	ASB 7/8"	ACME Q.C. Chuck	179.00
33 001 005	ASB 1"	ACME Q.C. Chuck	POA
33 001 006	ASB 1-1/16"	ACME Q.C. Chuck	189.00
33 001 007	ASB 1-3/8"	ACME Q.C. Chuck	199.00
33 001 008	ASB 1-7/8"	ACME Q.C. Chuck	276.00
33 016 015	ASB 16	Tr16 Q.C. Chuck	149.00
33 020 015	ASB 20	Tr20 Q.C. Chuck	159.00
33 028 015	ASB 28	Tr28 Q.C. Chuck	189.00
33 036 015	ASB 36	Tr36 Q.C. Chuck	199.00

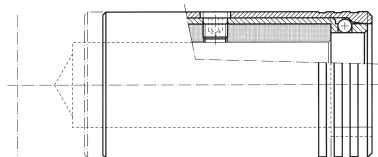
## Quick-Change Over-Spindle Drill Chucks – Type: ASBA

- Offers all of the ASB features plus automatically locks SSM nut in chuck to permit one-handed tool changes while machine spindle is stopped.
- Permits one-handed tool changes without the use of other tools.

### ASBA .. Acme/Tr

[B]

- Quick-change Drill/Tap Chucks.
- DIN 55058 spindle.
- SSM quick-change nut required.
- Automatic locking, one-handed operation.



Part Number	Complete Description		Price Each
33 001 010	ASBA 1/2"	ACME Q.C. Chuck	POA
33 003 002	ASBA 5/8"	ACME Q.C. Chuck	139.00
33 003 003	ASBA 3/4"	ACME Q.C. Chuck	159.00
33 003 004	ASBA 7/8"	ACME Q.C. Chuck	169.00
33 005 010	ASBA 1"	ACME Q.C. Chuck	POA
33 003 006	ASBA 1-1/16"	ACME Q.C. Chuck	179.00
33 003 007	ASBA 1-3/8"	ACME Q.C. Chuck	189.00
33 004 010	ASBA 1-7/8"	ACME Q.C. Chuck	POA
33 016 010	ASBA 16	Tr 16 Q.C. Chuck	139.00
33 020 010	ASBA 20	Tr 20 Q.C. Chuck	159.00
33 025 010	ASBA 25	Tr 25 Q.C. Chuck	POA
33 028 010	ASBA 28	Tr 28 Q.C. Chuck	179.00
33 036 010	ASBA 36	Tr 36 Q.C. Chuck	189.00

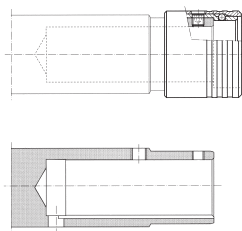
## Quick-Change Over-Spindle Drill Chucks – Type: ASBVA

- Stub-nose design for tight clearance applications. Identical to ASBV with all ASB features plus an automatic locking mechanism for SSM nuts.
- Permits one-handed tool changes without the use of other tools.

### ASBVA .. Acme/Tr

[C]

- Reduced outside diameter.
- DIN 55058 spindle.
- Automatic locking, one-handed operation.



Part Number	Complete Description		Price Each
33 004 002	ASBVA 5/8"	ACME Q.C. Chuck	219.00
33 004 003	ASBVA 3/4"	ACME Q.C. Chuck	179.00
33 004 004	ASBVA 7/8"	ACME Q.C. Chuck	229.00
33 004 005	ASBVA 1"	ACME Q.C. Chuck	POA
33 004 006	ASBVA 1-1/16"	ACME Q.C. Chuck	229.00
33 004 007	ASBVA 1-3/8"	ACME Q.C. Chuck	POA
33 004 008	ASBVA 1-7/8"	ACME Q.C. Chuck	POA
33 016 051	ASBVA	Tr16 Q.C. Chuck	162.00
33 020 051	ASBVA	Tr20 Q.C. Chuck	165.00
33 025 051	ASBVA	Tr25 Q.C. Chuck	200.00
33 028 051	ASBVA	Tr28 Q.C. Chuck	204.00
33 036 051	ASBVA	Tr36 Q.C. Chuck	POA



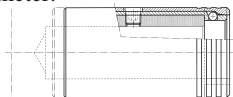
## Quick-Change Over-Spindle Drill Chucks – Type: ASBV

- Stub-nose style, with reduced outside diameter and overall length, for tight horizontal or vertical clearance applications.
- Provides all ASB features.

### ASBV .. Tr

[C]

- Quick-change, reduced diameter.
- DIN 55058



- Tool changes are accomplished manually without the use of other tools.

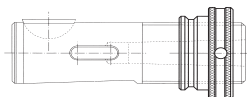
Part Number	Complete Description	Price Each
33 016 050	ASBV 16 Q.C. Chuck	146.00
33 020 050	ASBV 20 Q.C. Chuck	147.00
33 025 050	ASBV 25 Q.C. Chuck	178.00
33 028 050	ASBV 28 Q.C. Chuck	182.00
33 036 050	ASBV 36 Q.C. Chuck	244.00

## Adjusting Nuts & Adjustable Adapters

### SSM .. Acme/Tr

[B]

- Quick-change adjusting nuts



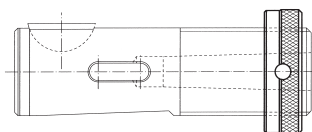
- NOTE: For use on over the spindle chucks, Type: ASB, ASBA, ASBV & ASBVA.

Part Number	Complete Description	Price Each
33 002 001	SSM 1/2" ACME	17.00
33 002 002	SSM 5/8" ACME	17.00
33 002 003	SSM 3/4" ACME	17.00
33 002 004	SSM 7/8" ACME	30.00
33 002 005	SSM 1" ACME	POA
33 002 006	SSM 1-1/16" ACME	22.00
33 002 007	SSM 1-3/8" ACME	36.00
33 002 008	SSM 1-7/8" ACME	60.00
33 016 020	SSM 16 Tr 16 x 1.5	17.00
33 020 020	SSM 20 Tr 20 x 2	17.00
33 025 020	SSM 25 Tr 25 x 2	25.00
33 028 020	SSM 28 Tr 28 x 2	22.00
33 036 020	SSM 36 Tr 36 x 2	30.00

### SM .. Acme/Tr

[B]

- Adjusting nuts.

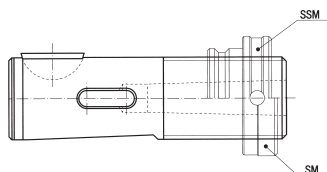


Part Number	Complete Description	Price Each
R99 805 002	SM 1/2" ACME	19.00
R99 805 003	SM 5/8" ACME	15.40
R99 805 004	SM 3/4" ACME	16.50
R99 805 005	SM 7/8" ACME	20.00
R99 805 006	SM 1" ACME	21.00
R99 805 007	SM 1-1/16" ACME	19.00
R99 805 009	SM 1-3/8" ACME	25.00
R99 805 060	SM 1-7/8" ACME	POA
R99 805 016	SM 16 Tr 16 x 1.5	13.00
R99 805 020	SM 20 Tr 20 x 2	14.00
R99 805 025	SM 25 Tr 25 x 2	25.00
R99 805 028	SM 28 Tr 28 x 2	14.00
R99 805 036	SM 36 Tr 36 x 2	21.00
R99 805 048	SM 48 Tr 48 x 2	POA

### D .. Acme/Tr Adjustable Adapters

[B]

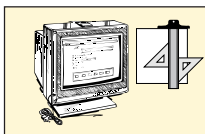
- Length adjustable adapter for tools with Morse taper shanks.
- Accepts either SSM or SM nuts.



- NOTE: Adjustable adapters, Type F, available upon request.

Part Number	Complete Description	Price Each
33 400 270	D 5/8" MT 1 Adjustable Adapter	37.00
33 400 338	D 3/4" MT 1 Adjustable Adapter	37.00
33 400 158	D 7/8" MT 2 Adjustable Adapter	40.00
33 400 322	D 1" MT 1 Adjustable Adapter	45.00
33 400 240	D 1" MT 2 Adjustable Adapter	44.00
33 400 333	D 1-1/16" MT 1 Adjustable Adapter	44.00
33 400 307	D 1-1/16" MT 2 Adjustable Adapter	44.00
33 400 343	D 1-3/8" MT 2 Adjustable Adapter	62.00
33 400 224	D 1-3/8" MT 3 Adjustable Adapter	56.00
33 216 200	D16MT 0 Adjustable Adapter	46.00
33 216 201	D16MT 1 Adjustable Adapter	46.00
33 220 201	D20MT 1 Adjustable Adapter	48.00
33 228 201	D28MT 1 Adjustable Adapter	56.00
33 228 202	D28MT 2 Adjustable Adapter	56.00
33 236 202	D36MT 2 Adjustable Adapter	73.00
33 236 203	D36MT 3 Adjustable Adapter	73.00
33 248 203	D48MT 3 Adjustable Adapter	POA
33 248 204	D48MT 4 Adjustable Adapter	POA

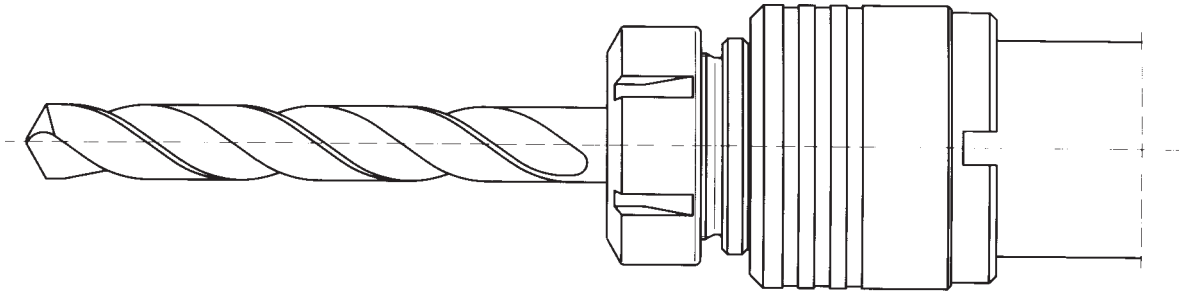
\* SSM quick-change or SM adjusting nuts must be ordered separately.



Detailed, dimensional tool drawings are available upon request. Call (800)227-5460 or FAX (800) 937-7752



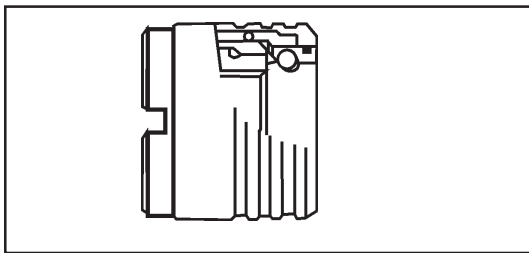
ASR – WZHR



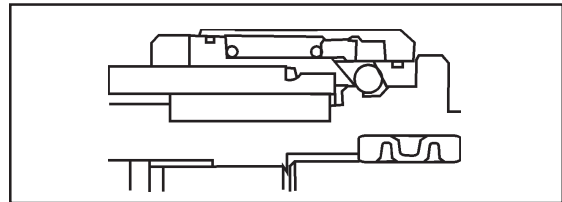
*Stub Drill System for HSS and Carbide stub drills and special drill applications.*

The Bilz stub drilling system consists of the ASR drill chuck used in conjunction with a WZHR toolholder.

It is designed for use on transfer lines and special purpose machines, the short projection length of the unit ensures rigidity and accuracy and is ideal for drilling applications without the need for bushing.

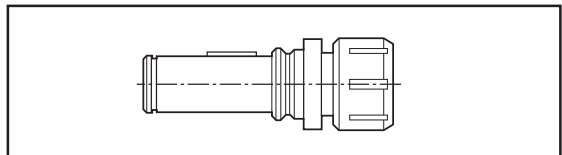


The ASR chuck is screwed directly on to the machine spindle, and is locked in position using a micro-encapsulated adhesive which provides a secure bond and can be easily cracked when the chuck is required to be removed.



The WZHR tool holder is automatically locked into the chuck and axial play is eliminated by means of a newly developed roller mechanism. The close manufacturing tolerances and positive drive combine to ensure rigidity and concentricity.


The tools can be set off the machine and the internal adjusting screw allows for easy length setting.



In addition to the WZHR having versions which accept ESX collets and DIN 1835 shanks, a design is available which accepts the new high accuracy SRD pressure clamping collets.

The system is suitable for both right and left hand operation, and it can also be supplied with a coolant feed facility if required.

Special versions of this range of tooling can be supplied to order.



Detailed, dimensional tool drawings are available upon request.  
Call (800)227-5460 or  
FAX (800) 937-7752





## High Precision Quick-Change Drill Chucks – Type : ASR

- Stub drill chuck system, with WZHR toolholder, is specifically designed for use with HSS and carbide stub drills.
- Threads directly into machine spindle to provide short overhang and high stability essential for drilling without bushings.
- Precision tolerances and high concentricity allow operation at high spindle speeds for increased cutting efficiency.
- Quick-change design and one-hand operation permit fast tool changes without the use of other hand tools.
- Automatic chuck locking feature eliminates axial “play” and provides positive torque transmission.

### ASR



[C]

Part Number	Complete Description	Price Each
33 400 709	ASR 16-35 Q.C. Chuck	297.00
33 400 710	ASR 20-42 Q.C. Chuck	309.00
33 400 712	ASR 28-52 Q.C. Chuck	326.00
33 400 714	ASR 36-68 Q.C. Chuck	399.00

Note: ASBRA, available upon request

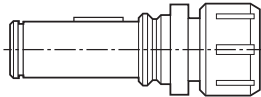
## High Precision Collet Chucks – Type: WZHR

- High precision toolholder for use with ASR stub drill chuck.
- Length adjustment feature permits “off-machine” presetting of drilling depths.

### WZHR/ER

[C]

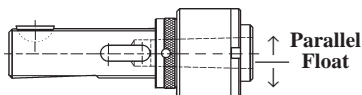
- For tools with cylindrical shanks. DIN 1835
- For collet types: ER/ESX



• Note: WZHR..K/ER and WZHR:N/E direct drill holder, available upon request

Part Number	Complete Description	Price Each
33 116 014	WZHR 16/ER 11	259.00
33 116 114	WZHR 16/ER 16	276.00
33 120 014	WZHR 20/ER 16	276.00
33 120 114	WZHR 20/ER 20	276.00
33 125 014	WZHR 25/ER 20	P.O.A.
33 125 114	WZHR 25/ER 25	P.O.A.
33 128 014	WZHR 28/ER 25	279.00
33 128 114	WZHR 28/ER 32	290.00
33 132 014	WZHR 32/ER 25	P.O.A.
33 132 114	WZHR 32/ER 32	P.O.A.
33 136 014	WZHR 36/ER 32	P.O.A.
33 136 114	WZHR 36/ER 40	P.O.A.

## Floating Reamer Holders – Type GP/GPK



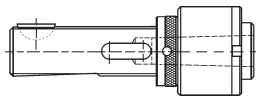
### GPK 2 / TR - 16 x 15 mm

Shank Size and Style  
MT 2  
Holder Style

### GPK ./ACME

[C]

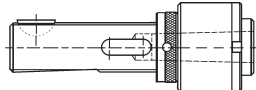
- Morse Taper Tool Shanks



Part Number	Complete Description	Price, Each
40 001 044	GPK 1 / 1-1/16"	P.O.A.
40 001 045	GPK 1 / 1-3/8"	P.O.A.
40 002 044	GPK 2 / 1-1/16"	P.O.A.
40 002 045	GPK 2 / 1-3/8"	P.O.A.
40 003 045	GPK 3 / 1-3/8"	P.O.A.
40 003 046	GPK 3 / 1-7/8"	P.O.A.
40 004 046	GPK 4 / 1-7/8"	P.O.A.

### GPK ./ Tr

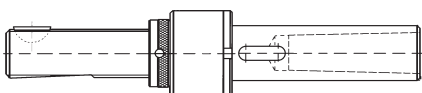
[C]



Part Number	Complete Description	Price, Each
40 001 016	GPK 1 / TR 28 x 2 mm	P.O.A.
40 002 016	GPK 2 / TR 28 x 2 mm	P.O.A.
40 002 019	GPK 2 / TR 36 x 2 mm	P.O.A.
40 003 019	GPK 3 / TR 36 x 2 mm	P.O.A.

### GP ./ Tr

[C]



Part Number	Complete Description	Price, Each
40 011 011	GP 1 / TR 16 x 1.5 mm	P.O.A.
40 012 013	GP 2 / TR 20 x 2 mm	P.O.A.