

Output Spindles



- Interchangeable modular output spindles
- Precision option for collet types, R2 and R36

Lou Zampini & Associates

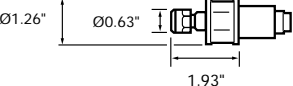
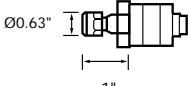
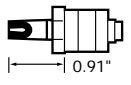

2 Douglas Pike, Rt. 7

Smithfield, RI 02917

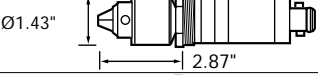
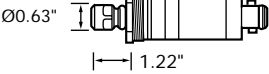


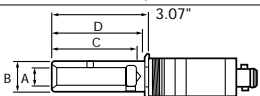
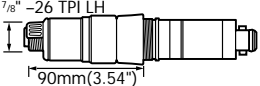

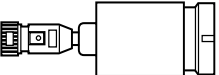
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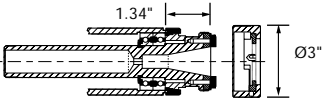
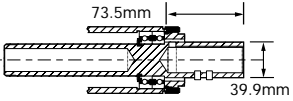
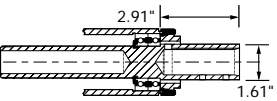
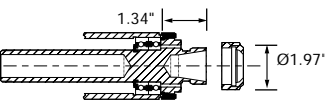
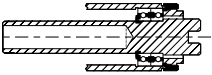
AFD205/AFD215, AFDE200, AFTE270

	FUNCTION	ORDER CODE	FEATURES	PART NO.	RECOMMENDED SPEED RANGE
	High Speed Output Spindle	K42	Collet Chuck can be fitted to any AFDE200 to step up speed by 4.28 : 1. Note: Max. allowable speed 27000 rpm. See page 29 for collets.	375263	≤5250 rpm
	Collet Chuck	K2	See page 31 for range of collets.	357183	≤18800 rpm
	No. 1 Jacobs Taper Output Spindle	K32	No. 1 Jacobs Taper and for use with chucks or multi spindle heads	382213	≤9600 rpm
	Tapping Head Output Spindle	H21	3/16"-5/16" (4.5-8.0mm) capacity	357193	≤1200 rpm

AFD415, AFDE400/410, AFDE600/610/620, AFTE470/480

	FUNCTION	ORDER CODE	FEATURES	PART NO.	RECOMMENDED SPEED RANGE											
	3/8" Key Adjustable Chuck Output Spindle	B1	Part No. includes chuck key	327723	≤9600											
	Integral Collet Chuck Output Spindle	B2	Up to 0.276" (7mm) collet capacity (see page 31 for Collet Range) Standard Output Assembly	326573	≤18000											
		R2	Precision Output Assembly	384113												
	Large Integral Collet Chuck Output Spindle	R36	Up to 0.63" (16mm) collet capacity (see page 31 for Collets) Precision Output Assembly	389273	≤18000											
		B24	No. 2 Jacobs Taper	A = 1.18"		326593										
	Taper Output Spindle and for use with chucks and multi spindle heads	B32	No. 1 Jacobs Taper	A = 0.95"	355263	≤9600										
		B16	B16 Taper Output	A = 1.37"	368163											
		B3	Preset Tooling DIN55058 Output Spindle	<table border="1"> <thead> <tr> <th>ØA</th> <th>ØB</th> <th>C</th> <th>D</th> </tr> <tr> <th>mm</th> <th>mm</th> <th>mm</th> <th>mm</th> </tr> </thead> <tbody> <tr> <td>16</td> <td>25</td> <td>74</td> <td>79</td> </tr> </tbody> </table>	ØA		ØB	C	D	mm	mm	mm	mm	16	25	74
ØA	ØB	C	D													
mm	mm	mm	mm													
16	25	74	79													
	Preset Tooling TMS Standard Output Spindle	B33	Standard Output Assembly	356373	≤5450											
		B5	1/4" fem. hex. drive. Torque range 2.7 - 100 ins. lbs. (0.3 - 11 Nm)	324903												
	AFD415, AFDE400 Externally Adjustable Screwdriver Head Output Spindle	B6	5/16" fem. hex. drive. Torque range 2.7 - 100 ins. lbs. (0.3 - 11 Nm)	324913	≤2100											
		B7	9/64" - 1/4" (3.5 - 6.5mm) capacity	92362	≤1450											
	AFD415, AFDE400/410 Tapping Head Output Spindle	B8	3/16" - 5/16" (4.5 - 8mm) capacity	92892												
		J19	AFDE600/610 Tapping Head Output Spindle	<table border="1"> <thead> <tr> <th>ØA</th> <th>ØB</th> <th>C</th> <th>D</th> </tr> <tr> <th>ins</th> <th>ins</th> <th>ins</th> <th>ins</th> </tr> </thead> <tbody> <tr> <td>5/8"</td> <td>1</td> <td>2.62</td> <td>2.85</td> </tr> </tbody> </table>	ØA	ØB	C	D	ins	ins	ins	ins	5/8"	1	2.62	2.85
ØA	ØB	C	D													
ins	ins	ins	ins													
5/8"	1	2.62	2.85													
	AFDE600/610 Tapping Head Output Spindle	J19	3/16" - 3/8" (4.5 - 9.5mm) capacity For use with B24 output	383813	≤1450											

AFDE700/710

	FUNCTION	ORDER CODE	DESCRIPTION	PART NO.
	Standard machine taper. Adapts to numerous standard machining heads and equipment.	T34	ISO30 output taper, DIN 2080	362443
	Tooling spindles for 'automotive' preset tooling.	T3	Preset tooling spindle to DIN 55058 Accepts tooling to DIN 6327 28mm diameter, 85mm deep	362453
	Tooling spindles for 'automotive' preset tooling.	T33	Preset tooling spindle to T.M. Smith standard 1 1/16" diameter, 3.3" deep	373333
	Accepts straight shank drills up to 20mm diameter (7/8")	T2	ER32 collet output spindle (See below for collets) Maximum drill depth 1.89"	362463
	Drive spindle for use with multi-head or angle head.	T35	Drive adaptor for multi-heads or angle head	373343

Collets

For use with B2 (326573), R2 (384113), K2 (357183), K42 (375263) ER11 TYPE					
size	part no.	size	part no.	size	part no.
0.020 - 0.039 (0.5 - 1.0)	52582	0.083 - 0.098 (2.1 - 2.5)	52622	0.161 - 0.197 (4.1 - 5.0)	52652
0.043 - 0.059 (1.1 - 1.5)	52592	0.102 - 0.118 (2.6 - 3.0)	52632	0.201 - 0.234 (5.1 - 6.0)	52662
0.063 - 0.079 (1.6 - 2.0)	52602	0.121 - 0.157 (3.1 - 4.0)	52642	0.240 - 0.276 (6.1 - 7.0)	52672

For use with R36 (389273) ER25 TYPE					
size	part no.	size	part no.	size	part no.
0.236 - 0.276 (6.0 - 7.0)	104942	0.397 - 0.433 (10.1 - 11.0)	104982	0.555 - 0.591 (14.1 - 15.0)	105032
0.279 - 0.315 (7.1 - 8.0)	104952	0.437 - 0.472 (11.1 - 12.0)	104992	0.594 - 0.630 (15.1 - 16.0)	105042
0.319 - 0.354 (8.1 - 9.0)	104962	0.476 - 0.512 (12.1 - 13.0)	105002		
0.358 - 0.394 (9.1 - 10.0)	104972	0.516 - 0.551 (13.1 - 14.0)	105022		

For use with T2 (362463) ER32 TYPE					
size	part no.	size	part no.	size	part no.
0.197 - 0.236 (5.0 - 6.0)	105092	0.397 - 0.423 (10.1 - 11.0)	105152	0.594 - 0.630 (15.1 - 16.0)	105202
0.240 - 0.276 (6.1 - 7.0)	105102	0.437 - 0.472 (11.1 - 12.0)	105162	0.634 - 0.669 (16.1 - 17.0)	105222
0.279 - 0.315 (7.1 - 8.0)	105122	0.476 - 0.512 (12.1 - 13.0)	105172	0.673 - 0.709 (17.1 - 18.0)	105232
0.319 - 0.354 (8.1 - 9.0)	105132	0.516 - 0.551 (13.1 - 14.0)	105182	0.713 - 0.748 (18.1 - 19.0)	105242
0.358 - 0.394 (9.1 - 10.0)	105142	0.555 - 0.591 (14.1 - 15.0)	105192	0.752 - 0.787 (19.1 - 20.0)	105252