

Power Threading Machines

MODEL 535A AUTOMATIC THREADING MACHINE (CONTINUED)

Catalog No.	Model No.	Description	Die Head	RPM	Voltage		Phase	Motor Type	Amp Draw	Power	Weight	
					V	Hz					lb.	kg
84097	535A	½" - 2" NPT Automatic Chuck Machine	811A	16/46/58	120	60	1	Induction	18	2 HP	350	159
91142		Automatic Chuck Machine Only - No Die Head or Dies		16/46/58	120	60	1	Induction	18	2 HP	340	155
91322		½" - 2" NPT Automatic Chuck Machine	816/817	16/46/58	120	60	1	Induction	18	2 HP	360	163

Standard Equipment

Catalog No.	Model No.	Description	84097 535A	91142 535A	91322 535A
74012	—	Extreme Performance Thread Cutting Oil	I	I	I
97065	811A	NPT Die Head Quick-Open R.H.	I		
47765	—	½" - ¾" Pipe Dies for use in Universal Die Heads (Nos. 504A, 711, 713, 811A, 815A, 816, 817 and 842)	I		I
47770	—	1" - 2" Pipe Dies for use in Universal Die Heads (Nos. 504A, 711, 713, 811A, 815A, 816, 817 and 842)	I		I
42365	341	REAMER	I	I	I
42390	820	Wheel-Type Cutter	I	I	I
41185	E1032	Wheel, Cutter	I	I	I
46030	—	Key, Hex ⅜	I	I	I
46015	—	Key, Hex ⅝	I	I	I
84537	816	Die Head			I
84532	817	Die Head			I

Model 535A Machine Accessories

Catalog No.	Model No.	Description	Weight	
			lb.	kg
42365	341	341 Reamer	6 ¾	3.2
42390	820	Wheel-Type Cutter	8 ½	3.9
92457	100A	Universal Leg & Tray Stand	75	34.5
92462	150A	Universal Wheel & Tray Stand	103	46.7
92467	200A	Universal Wheel & Cabinet Stand	104	47.2
51005	819	Nipple Chuck Complete, ½" - 2" NPT	10 ½	4.8
35867	839	Adapter Kit for Model 1822/535A Machine	16 ½	7.5
97882	535A	Kit 141 on 535 Auto Chuck with High-Clearance Carriage	12	5.4
12138		Left Hand Threading Kit	2 ½	1.2
42485	4U	4 Heads	8 ½	3.9
42490	6U	6 Heads	12 ½	
97065	811A	NPT Die Head Quick-Open R.H.		5.7
97075	815A	815A ⅛" - 2" NPT Die Head, Self-Opening, RH	13	5.9
23282	842	Universal Die Head LH		
97070	811A	815A 1/8" - 2" NPT Die Head, Self-Opening, RH	12 ½	5.7
97080	815A	815A 1/8"-2" BSPT Self-Opening Die Head	13	5.9
97045	531	Bolt Die Head Quick-Open R.H./L.H. ¼"-1"	7 ½	3.4
97050	532	Bolt Die Head Quick-Open R.H./L.H. 1 ⅛"-2"	9	4.1
84537	816	⅛" - ¾" Semi-Automatic Die Head		
84532	817	½" - 2" Semi-Automatic Die Head	13	5.9
68160	819	Nipple Chuck ½"-2" BSPT	10 ½	4.8
23297	856	British Universal	12 ½	5.7

Note: Mono Die Heads available 1/8", 1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2". All Die Heads are through-head oiling.



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Pipe Dies for Machine Die Heads



Pipe Dies for use in Universal Die Heads (Models 504A, 711, 713, 811A, 815A, 816, 817 and 842)

Die Material or Type	(NPT)				(NPSM)			
	Nominal Pipe Size-Threads Per Inch				Nominal Pipe Size-Threads Per Inch			
	½"-27	¼"-¾"-18	½"-¾"-14	1"-2"-11 ½	½"-27	¼"-¾"-18	½"-¾"-14	1"-2"-11 ½
Alloy RH	47735	47740	47745	47750	-	-	-	-
High-Speed RH	47755	47760	47765	47770	47845	47850	47855	47860
High-Speed LH	39587	47810	47815	47820	-	-	-	-
H.S. For Stainless Steel RH	47775	47780	47785	47790	-	-	-	-
H.S. For Cast Iron	-	-	-	70740	-	-	-	-
H.S. For PVC RH	-	-	70745	70750	-	-	-	-
H.S. For Plastic Coated Pipe RH	-	-	50012	31822	-	-	-	-

•Requires left hand model die head.
Note: Use HS for PVC and RH for brass pipe.

Pipe Dies for use in British Universal Die Heads (Models 504A, 811A, 815A, 816, 817, 856, 911 and 913)

Die Material or Type	(BSPT)				(BSPP)			
	Nominal Pipe Size-Threads Per Inch				Nominal Pipe Size-Threads Per Inch			
	½"-28	¼"-¾"-19	½"-¾"-14	1"-2"-11	½"-28	¼"-¾"-19	½"-¾"-14	1"-2"-11
Alloy RH	*66655	*66660	*66665	*66670	-	-	-	-
High-Speed RH	*66750	*66755	*66760	*66765	*66795	*66800	*66805	*66810
H.S. For Stainless Steel RH	*66770	*66775	*66780	*66785	-	-	-	*66830
H.S. For PVC RH	-	-	*70755	*70760	-	-	-	-
H.S. For PE-Coated RH	-	-	-	-	-	-	-	-

* Requires British model die head.

Conduit Dies for Universal Die Heads

Die Material or Type	(ISO)		(BEC)		
	Nominal Conduit Size – Pitch in mm		Nominal Conduit Size – Threads Per Inch		
	16-32mm-1.5	40-63mm-1.5	½"-¾"-18	¾"-1 ¼"-16	1 ½"-2 ½"-14
Alloy RH	50645	50650	66700	66705	66710

Pipe Dies for use in Model 500A Mono Die Heads

Die Material or Type	Nominal Pipe Size-Threads Per Inch (NPT)								
	½"-27	¼"-18	¾"-18	½"-14	¾"-14	1"-11 ½	1¼"-11 ½	1 ½"-11 ½	2"-11 ½
(NPT)									
High-Speed RH	50700	50705	50710	50715	50720	50725	50730	50735	50740
H.S. For Stainless Steel RH	50745	50750	50755	50760	50765	50770	50775	50780	50785
(NPSM)									
High-Speed RH	-	-	-	50895	50900	50905	50910	50915	50920

Pipe Dies for ¼"-¾" Dual Die Heads

Die Material or Type	(NPT) Nominal Pipe-Threads Per Inch
	High-Speed RH

Pipe Dies for Models 514 (LH), 515 (RH), 555 (RH), and ½"-¾" Dual Die Heads

Die Material or Type	(NPT)			(BSPT)	
	Nominal Pipe Size-Threads Per Inch			Nominal Pipe Size-Threads Per Inch	
	½"-27	¼"-¾"-18	½"-¾"-14	¼"-¾"-19	½"-¾"-14
Alloy RH	-	-	47880	66955	66880
High-Speed RH	47885	47890	47895	66905	23297
H.S. For Stainless Steel RH	47900	47905	47910	-	66920

Alloy dies thread aluminum and black pipe.
High-speed dies thread galvanized pipe.
Stainless steel dies thread red brass pipe.
PVC dies thread yellow brass pipe.

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