

Die Heads

Models 00-R, 12-R, 11-R & 00-RB



Selection: North American Standards

	Catalog No.									
	Nominal Pipe Size (in.)									
	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	
Model No. 00-R										
(NPT)										
Alloy RH	36875	36880	36885	36890	36895	36900	—	—	—	
High-Speed RH	36935	36940	36945	36950	36955	36960	—	—	—	
High-Speed for Stainless Steel RH	36965	36970	36975	36980	36985	36990	—	—	—	
(NPSM)										
Alloy RH	36995	37000	37005	37010	37015	37020	—	—	—	
API High-Speed	—	—	83435	68775	68780	—	—	—	—	
Model No. 12-R										
(NPT)										
Alloy RH	37375	37380	37385	37390	37395	37400	37405	37410	37415	
High-Speed LH	—	—	—	37435	37440	37445	37450	37455	37460	
High-Speed RH	37465	37470	37475	37480	37485	37490	37495	37500	37505	
High-Speed for Stainless Steel RH	37510	37515	37520	37525	37530	37535	37540	37545	37550	
High-Speed for PVC RH	—	83450	83455	83460	83465	83470	83475	83480	83485	
High-Speed for Plastic Coated Pipe	—	—	—	51857	51862	51867	51872	51877	51882	
Alloy for IMC RH	—	—	—	92690	92695	92700	92705	92710	92715	
(NPSM)										
Alloy RH	37555	37560	37565	37570	37575	37580	37585	37590	37595	
Model No. 11-R										
(NPT)										
Alloy RH	37025	37030	37035	37040	37045	37050	37055	20923	20943	
High-Speed RH	37095	37100	37105	37110	37115	37120	37125	20928	20948	
High-Speed for Stainless Steel RH	37130	37135	37140	37145	37150	37155	37160	20933	20953	
(NPSM)										
Alloy RH	37165	37170	37175	37180	37185	37190	37195	20938	20958	
Model No. 00-RB										
	1/4 20 TPI	5/16 18 TPI	3/8 16 TPI	7/16 14 TPI	1/2 13 TPI	5/8 12 TPI	3/4 11 TPI	7/8 10 TPI	1 9 TPI	1 8 TPI
(UNC)										
Alloy RH	37610	37615	37620	37625	37630	37635	37640	37645	37650	37655
Alloy LH	—	—	—	37675	—	—	—	37695	—	—
(UNF)										
	28 TPI	24 TPI	24 TPI	20 TPI	20 TPI	18 TPI	18 TPI	16 TPI	14 TPI	14 TPI
Alloy RH	37710	37715	37720	37725	37730	37735	37740	37745	—	37755
Alloy LH	—	—	—	37775	37780	37785	37790	37795	37800	37805

Unless highlighted, all die heads come complete with selected dies and are set at the factory.

■ Highlighted die heads require assembly with supplied dies.

All matched threader/sets include die heads, ratchet assembly, ratchet handle and specified dies.

■ Not for manual hand threading.



See page 4.12

Die Heads Ratchet Threaders – Models 00-R, 12-R, 11-R

Selection: British & International Standards



	Catalog No.								
	Nominal Pipe Size (in.)								
	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Model No. 00-R									
(BSPT)									
Alloy RH	65705	65710	65715	65720	65725	65730	—	—	—
High-Speed RH	65765	65770	65775	65780	65785	65790	—	—	—
Model No. 12-R									
(BSPT)									
Alloy RH	65950	65955	65960	65965	65970	65975	65980	65985	65990
High-Speed LH	—	—	—	—	—	66020	—	66030	66035
High-Speed RH	—	—	—	66040	66045	66050	66055	66060	66065
Alloy for JIS RH	—	—	—	92585	92590	92595	92600	92605	92610
(BSPP)									
Alloy RH	—	49932	49937	49942	49947	49952	—	49962	49967
Model No. 11-R									
(BSPT)									
Alloy RH	65550	65555	65560	65565	65570	65575	65580	—	—
High-Speed RH	—	—	65620	65625	65630	65635	65640	—	—
(BSPP)									
Alloy RH	—	—	65680	65685	65690	65695	65700	—	—

Unless highlighted, all die heads come complete with selected dies and are set at the factory.

■ Highlighted die heads require assembly with supplied dies.

All matched threader/sets include die heads, ratchet assembly, ratchet handle and specified dies.

Selection: British & International Standards

	Catalog No.			
	Nominal Pipe Size (mm)			
	20 mm	25 mm	32 mm	40mm
Model No. 11-R				
(ISO) Alloy RH	75005	75010	75015	75020



No. 811A Quick-Opening Die Head



No. 532 Bolt Die Head



No. 815A Self-Opening Die head



No. 816/817 Semi-Automatic



Mono Die Head

Optional Die Heads

- Self-Opening (SO) – Automatic release for repeatable number of threads.
- Quick-Opening (QO) – Manual release for user-specified thread lengths.
- Bolt – Specially for bolt threader.
- Mono – Dedicated to a specific size of thread.
- Semi-Automatic (SA) – Can be quickly adjusted from size to size with manual release.

Machine NPT Die Heads

Catalog No.	Model No.	Description	How Opened	Thread Direction	Oil Thru Head	Dies Used	Pipe Capacity		Bolt Capacity		Weight	
							in.	mm	in.	mm	lb.	kg
97065	811A	811A 1/8" - 2" NPT, Quick Opening, RH	Q.O	RH	Yes	Univ.	1/8 - 2	3 - 50	1/4 - 2	6 - 50	13	5.9
97075	815A	815A 1/8" - 2" NPT Die Head, Self-Opening, RH	S.O	RH	Yes	Univ.	1/8 - 2	3 - 50	1/4 - 2	6 - 50	13	5.9
84537	816	1/8" - 3/4" Semi-Automatic Die Head	S.A	RH	Yes	Univ.	1/8 - 3/4	-	-	-	13	5.9
84532	817	1/2" - 2" Semi-Automatic Die Head	S.A	RH	Yes	Univ.	1 - 2	-	-	-	13	5.9
23282	842	Universal Die Head	Q.O	LH	Yes	Univ.	1/8 - 2	-	-	-	12 1/2	5.7
10491	555	555	Q.O	RH	Yes	Dual/Bolt	1/8 - 3/4	-	-	-	8	3.6

Machine BSPT Die Heads

Catalog No.	Model No.	Description	How Opened	Thread Direction	Oil Thru Head	Dies Used	Pipe Capacity		Bolt Capacity		Weight	
							in.	mm	in.	mm	lb.	kg
97070	811A	BSPT Die Head Quick-Open R.H.	Q.O	RH	Yes	Univ.	1/8 - 2	3 - 50	0 - 2	6 - 2	12 1/2	5.7
97080	815A	815A 1/8"-2" BSPT Self-Opening Die Head	S.O	RH	Yes	Univ.	1/8 - 2	3 - 50	0 - 2	6 - 50	13	5.9
23297	856	British Universal	S.O	LH	Yes	Univ.	1/8 - 2	-	-	-	12 1/2	5.7

Machine Bolt Die Heads

Catalog No.	Model No.	Description	How Opened	Thread Direction	Oil Thru Head	Dies Used	Pipe Capacity		Bolt Capacity		Weight	
							in.	mm	in.	mm	lb.	kg
97045	531	Bolt Die Head Quick-Open R.H./L.H. 1/4"-1"	Q.O	RH/LH	Yes	500B	-	-	1/4 - 1	3 - 25	8	3.6
97050	532	Bolt Die Head Quick-Open R.H./L.H. 1 1/8"-2"	Q.O	RH/LH	Yes	500B	-	-	1 1/8 - 2	29 - 51	9	4.1

Machine Mono Die Heads

Catalog No.	Model No.	Description	How Opened	Thread Direction	Oil Thru Head	Dies Used	Pipe Capacity		Bolt Capacity		Weight	
							in.	mm	in.	mm	lb.	kg
42047	500A	Mono	Q.O	RH	Yes	Mono	1/8	3	-	-	6 3/4	3.1
42052	500A	Mono	Q.O	RH	Yes	Mono	1/4	6	-	-	7	3.2
42057	500A	Mono	Q.O	RH	Yes	Mono	3/8	10	-	-	7	3.2
42062	500A	Mono	Q.O	RH	Yes	Mono	1/2	13	-	-	7 1/4	3.3
42067	500A	Mono	Q.O	RH	Yes	Mono	3/4	19	-	-	7 1/4	3.3
42072	500A	Mono	Q.O	RH	Yes	Mono	1	25	-	-	8	3.6
42077	500A	Mono	Q.O	RH	Yes	Mono	1 1/4	29	-	-	8	3.6
42082	500A	Mono	Q.O	RH	Yes	Mono	1 1/2	38	-	-	8 1/2	3.9
42087	500A	Mono	Q.O	RH	Yes	Mono	2	51	-	-	8 1/2	3.9

Used On: 1215, 1233, 535, 535A, 1822 Machines and 300, 300 Compact and 300-A w/carriage.

No. 811A Die Head replaces No. 811 and No. 841 Die Heads

No. 815A Die Head replaces No. 815 and No. 845 Die Heads

No. 500A Die Head replaces No. 500 Mono Die Heads.

No. 555 Die Head replaces No. 515

Note: British Die Heads use British Dies only

Note: 531 and 532 Die Heads replace 500B Die Head

Individual Machine Die Heads do not include Dies

Die Head Racks for All Machine Die Heads

Catalog No.	Model No.	Description	Weight	
			lb.	kg
42485	4U	4 Heads	8 1/2	3.9
42490	6U	6 Heads	12 1/2	5.7



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Model 541
Model 542



Model 713
Model 913



Model 714 (914) Style Receding Die Head

Stands

Catalog No.	Model No.	Description	Weight	
			lb.	kg
22563	-	Steel Cabinet	42	19.30
92457	100A	Universal Leg & Tray Stand	75	34.50
92462	150A	Universal Wheel & Tray Stand	103	46.70
92467	200A	Universal Wheel & Cabinet Stand	104	74.50

Die Heads

Catalog No.	Model No.	Description	Capacity		Weight	
			in.	mm	lb.	kg
26132	711	Universal Self-Opening R.H.. NPT	1/4 - 2	6.4 - 50.8	12.2	5.6
26137	911	Universal Self-Opening R.H.. BSPT	1/4 - 2	6.4 - 50.8	12.2	5.6
26142	713	Universal Quick-Opening L.H.. NPT	1/4 - 2	6.4 - 50.8	12.2	5.6
26147	913	Universal Quick-Opening L.H.. BSPT	1/4 - 2	6.4 - 50.8	12.2	5.6
26152	714	Receding Self-Opening R.H.. NPT	2 1/2 - 4	64 - 102	30.0	13.6
26157	914	Receding Self-Opening R.H.. BSPT	2 1/2 - 4	64 - 102	30.0	13.6
26162	541	Quick-Opening Bolt L.H./R.H.	1/4 - 1	6.4 - 25.4	7.5	3.4
26167	542	Quick-Opening Bolt L.H./R.H.	1 1/8 - 2	29 - 50.8	9.2	4.2
55447	725	Cut-Grooving Die Head	2 1/2 - 4	64 - 102	30.0	13.6
55452	766	Blade Type Cutter	3/4 - 4	64 - 88.9	21.0	9.5
57492	-	4" Grooving Die Set*	-	-	2.2	1.0
57497	-	2 1/2"-3 1/2" Grooving Die Set*	2 1/2 - 3 1/2	102	2.2	1.0
57502	-	4" Grooving Bit only*	-	-	-	-
57507	-	2 1/2"-3 1/2" Grooving Bit only*	-	19 - 102	-	-
58712	-	Cut-Off Tool Bit	-	-	-	-

Note: Die Heads do not include dies. All Die Heads are through-head oiling
*Not for use with stainless steel

Pipe Dies

Catalog No.	Description	Capacity		Weight	
		in.	mm	lb.	kg
26192	1224 H.S. Dies NPT	2 1/2 - 4	62 - 100	2.2	1.0
31827	1224 H.S. NPT Dies for Plastic-Coated Pipe	2 1/2 - 4	62 - 100	2.2	1.0
31832	1224 H.S. BSPT Dies for Plastic-Coated Pipe	2 1/2 - 4	62 - 100	2.2	1.0
32237	1224 H.S. Dies NPT for PVC	2 1/2 - 4	62 - 100	2.0	1.0
32242	1224 H.S. Dies BSPT for PVC	2 1/2 - 4	62 - 100	2.0	1.0
33057	1224 H.S. Dies NPT for Stainless Steel	2 1/2 - 4	62 - 100	2.0	1.0
33072	1224 45° Beveling Dies	2 1/2 - 4	62 - 100	2.0	1.0
33077	1224 37 1/2° Beveling Dies	2 1/2 - 4	62 - 100	2.0	1.0
33642	1224 H.S. Dies BSPT	2 1/2 - 4	62 - 100	2.2	1.0
44992	1224 Bevel Guide Set	2 1/2 - 4	62 - 100	2.0	1.0
44997	1224 37 1/2° Bevel Bit Only	-	-	-	-
45002	1224 45° Bevel Bit Only	-	-	-	-

Note: NPSM threads are made with NPT dies by adjusting the die head. See manual for details.

Accessories

Catalog No.	Model No.	Description	Capacity		Weight	
			in.	mm	lb.	kg
51005	819	Nipple Chuck Complete. 1/2" - 2" NPT	1/2 - 2	12 - 50	10.5	4.8
61122	840A	Universal Drive Shaft	-	-	31.0	14.1
26187	-	Jaw Insert and Roll Set for PE-Coated Pipe	-	-	0.2	0.1
26212	764	1/4" - 4" Wheel-Type Cutter	-	-	19.0	8.6
26217	744	1/4" - 4" Blade-Type Reamer	-	-	13.0	5.9
26707	-	Gear Grease (1224 & 1822)	-	-	1.0	0.5
34157	419	Nipple Chuck 2 1/2" NPT	-	-	5.5	2.5
34162	419	Nipple Chuck 3" NPT	-	-	5.5	2.5
34167	419	Nipple Chuck 4" NPT	-	-	5.5	2.5
34172	419	Nipple Chuck 2 1/2" BSPT	-	-	5.5	2.5
34177	419	Nipple Chuck 3" BSPT	-	-	5.5	2.5
34182	419	Nipple Chuck 4" BSPT	-	-	5.5	2.5
34577	-	1/4" - 4" Reamer Blade	-	-	0.5	0.2



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