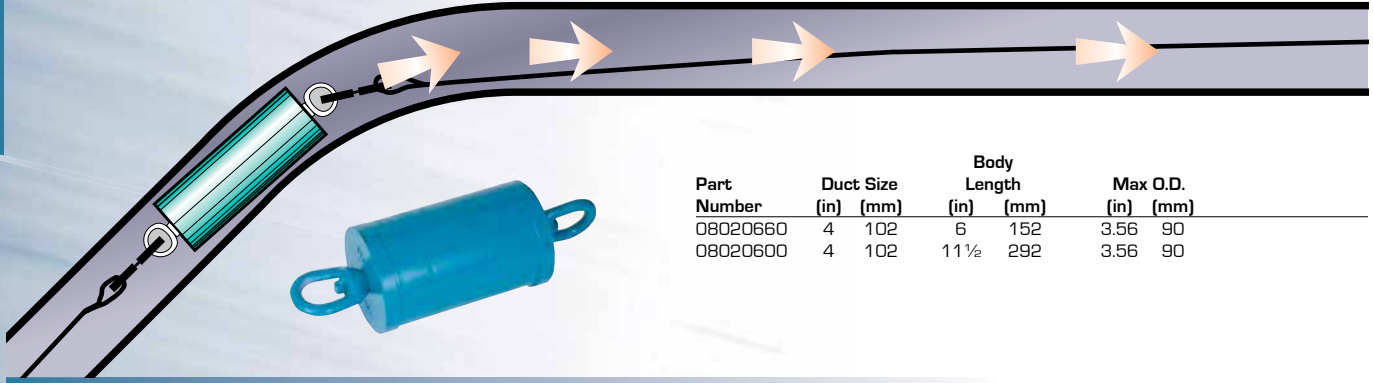


Wood Test Mandrels

Pull through duct to prove joint integrity and test for out-of-round duct. 2,240 lbs. [9,964 N] load capacity. Wood body with steel end caps and pulling eyes.



Part Number	Duct Size		Body Length		Max O.D.	
	(in)	(mm)	(in)	(mm)	(in)	(mm)
08020660	4	102	6	152	3.56	90
08020600	4	102	11 ½	292	3.56	90

Aluminum Test Mandrels

Pull through duct to prove joint integrity and test for out-of-round duct.



Part Number	Duct Size		Body Length		Max O.D.		Load Capacity	
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lbs)	(N)
08059515	1 ½	38	1.74	44	1.18	30	2,200	9,786
08059520	2	51	2.40	61	1.62	41	2,200	9,786
08059525	2 ½	64	2.98	76	2.00	51	2,200	9,786
08059530	3	76	3.50	89	2.37	61	2,200	9,786
08059535	3 ½	89	4.10	104	2.75	70	4,500	20,016
08059540	4	102	4.84	123	3.25	83	4,500	20,016
08059550	5	127	5.98	152	4.00	102	4,500	20,016
08059560	6	152	7.08	180	4.75	121	4,500	20,016
08059580	8	203	9.44	240	6.375	162	4,500	20,016

Aluminum Test Slugs

Pull through duct to prove joint integrity and test for out-of-round duct.



Part Number	Duct Size		Body Length		Max O.D.		Load Capacity	
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lbs)	(N)
08059005	1	25	1.71	43	0.860	22	2,200	9,786
08059015	1 ¼	32	2.17	55	1.086	28	2,200	9,786
08059025	1 ½	38	2.49	63	1.243	32	2,200	9,786

Rubber Duct Swab

Ideal for cleaning and assisting in the spreading of lubricant throughout the duct. 7,000 lbs. [31,136 N] load capacity.



Part Number	Duct Size		Body Length		Max O.D.	
	(in)	(mm)	(in)	(mm)	(in)	(mm)
08028820*	2	51	10	254	2.00	51
08028830	3	76	10	254	3.00	76
08028700	3 ½	89	10	254	3.50	89
08028800	4	102	10	254	4.00	102
08058700	5	127	10	254	5.00	127
08058800	6	152	10	254	6.00	152
08022880	8	203	10	254	8.00	203

*4,500 lbs. [20,016 N] load capacity.

Short Rubber Slug

For proving duct integrity and for spreading cable pulling lubricant especially in tight-radius bends. 4,500 lbs. (20,016 N) load capacity.

Part Number	Duct Size		Body Length		Max O.D.	
	(in)	(mm)	(in)	(mm)	(in)	(mm)
08082020	2	51	3.25	83	2.00	51
08082025	2½	64	3.25	83	2.50	64
08082030	3	76	3.25	83	3.00	76
08082035	3½	89	3.25	83	3.50	89
08082040	4	102	3.25	83	4.00	102
08082050	5	127	3.25	83	5.00	127
08082060	6	154	3.25	83	6.00	154
08082080	8	203	3.25	83	8.00	203



Wire Brush Mandrel

Flat steel bristles with a pulling eye on one end and a loop on the other end. Easily removes sand, grit and other light obstructions from the duct. 800 lbs. (3,558 N) load capacity.

Part Number	Duct Size		Body Length		Overall Length		Max O.D.	
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)
08028904	1¼	32	4.25	108	7.50	191	1.00	25
08028905	1½	38	4.25	108	7.50	191	1.25	32
08028900	2	51	4.25	108	9.16	232	1.75	44
08046000	2½	64	4.25	108	9.16	232	2.25	57
08067100	3	76	5.50	140	9.16	232	2.75	70
08067200	3½	89	5.00	127	9.16	232	3.25	82
08029000	4	102	6.75	171	9.16	232	3.75	95
08029100	5	127	6.50	165	9.16	232	4.75	121
08068100	6	152	6.75	171	9.16	232	5.75	146
08029080	8	203	4.75	121	9.73	247	7.75	197



Heavy Duty Wire Brush Mandrels

Heavy-duty steel bristles with pulling eyes on each end. For removing obstructions from the duct.

Part Number	Duct Size		Body Length		Max O.D.		Load	
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lbs)	(N)
08900546	2	51	3.5	89	1.75	44	1,240	5,516
08900547	2½	64	4.25	108	2.25	57	1,240	5,516
08900548	3	76	5.25	133	2.75	70	1,240	5,516
08900549	3½	89	5.25	133	3.25	82	2,240	9,964
08900550	4	102	5.25	133	3.75	95	2,240	9,964
08900551	5	127	5.00	123	4.75	121	2,240	9,964
08900552	6	152	5.00	123	5.75	146	2,240	9,964
08900553	8	203	5.00	123	7.75	196	2,240	9,964

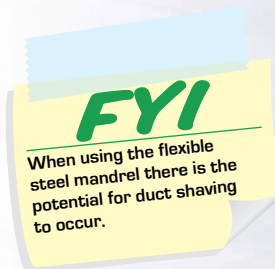


Flexible Steel Mandrel

Steel discs in graduated sizes make this mandrel ideal for removing obstructions in duct with extreme bends. 7,000 lbs. (31,136 N) load capacity.

Part Number	Duct Size		Body Length		Max O.D.	
	(in)	(mm)	(in)	(mm)	(in)	(mm)
08021700	*2	51	7.31	186	1.75	44
08021925	2½	64	11.25	286	2.25	57
08021800	3	76	11.25	286	2.75	70
08049400	3½	89	11.25	286	3.25	83
08067400	4 Sch 80	97	11.25	286	3.50	89
08021900	4	102	11.25	286	3.75	95
08067500	5 Sch 80	114	11.25	286	4.25	108
08058900	5	127	11.25	286	4.75	121
08067600	6 Sch 80	146	11.25	286	5.50	140
08059000	6	152	11.25	286	5.75	146
08079500	8	203	11.25	286	7.75	197

*2,000 lbs. (8,896 N) load capacity.



FYI
When using the flexible steel mandrel there is the potential for duct shaving to occur.

