

*Grips for #1 and #2
Automatic*

<i>PART#</i>	<i>DESCRIPTION</i>
MPG112	1/8" Plain Pipe Grip for # 1 Automatic
MPG 125	1/4" Plain Pipe Grip for # 1 Automatic
MPG137	3/8" Plain Pipe Grip for # 1 Automatic
MPG150	1/2" Plain Pipe Grip for # 1 Automatic
MPG205	1/2" Plain Pipe Grip for# 2 Automatic
MPG207	3/4" Plain Pipe Grip for # 2 Automatic
MPG210	1" Plain Pipe Grip for # 2 Automatic
MPG211	1" Plain Pipe Grip for 1-1/4" AN Machine
MPG212	1-1/4" Plain Pipe Grip for # 2 Automatic
MPG213	1-1/4" Plain Pipe Grips for 1-1/4" AN Machine
MPG215	1-1/2" Plain Pipe Grip for # 2 Automatic
MPG220	2" Plain Pipe Grip for # 2 Automatic
MPG250B	1/2" Plain Pipe Grip w/o Spacer for #2 Auto 3/4"
MPG275B	Plain Grips w/o Spacer for #2 Auto
MPGR205	1/2" Plain Round Grip for #2
MPGR207	3/4" Plain Round Grips for #2
MPGR210	1" Plain Round Grip for #2
MPGR212	1-1/4" Plain Round Grip for #2
MPGR215	1-1/2" Plain Round Grip for #2
MPGR220	2" Plain Round Grip for #2
MTG112	1/8" Threaded Grips for # 1 Automatic
MTG112S	1/8" Threaded Grips for #1 with Slot
MTG125	1/4" Threaded Grips for# 1 Automatic
MTG125S	1/4" Threaded Grips for #1 with Slot
MTG137	3/8" Threaded Grips for # 1 Automatic
MTG137S	3/8" Threaded Grips for #1 with Slot
MTG150	1/2" Threaded Grips for # 1 Automatic

<i>PART#</i>	<i>DESCRIPTION</i>
MTG205	1/2" Threaded Grips for # 2 Automatic
MTG2051	1/2" Threaded Grips for Plated Conduit Pipe
MTG207	3/4" Threaded Grips for# 2 Automatic
MTG207S	3/4" Threaded Grip for #2 Auto - Slot Type
MTG210	1" Threaded Grips for # 2 Automatic
MTG212	1-1/4" Threaded Grips for # 2 Automatic
MTG212E	1-1/4" Threaded Grips w/Ejector #2 Auto
MTG215	1-1/2" Threaded Grips for # 2 Automatic
MTG215E	1-1/2" Threaded Grips w/Ejector #2 Auto
MTG215S	1-1/2" Threaded Grips w/Slot for #2 Auto
MTG220	2" Threaded Grips for # 2 Automatic
MTGD150	1/2" Threaded Grips w/Sharp Roots for #1 Auto
MTGD205	1/2" Threaded Grips for #2 W/deeper thread
MTGD205E	1/2" Threaded Grips w/Ejector, Deep thread
MTGD207	3/4" Threaded Grips for #2 w/deeper thread
MTGD207E	3/4" Threaded Grips, Deep Thread w/ejector
MTGD210	1" Threaded Grips w/deep thread for #2
MTGD210E	1" Threaded Grips, sharp roots w/Ejector #2
MTGD212	1-1/4" Threaded Pipe Grips for#2 w/Sharp Roots
MTGD212E	1-1/4" Threaded Grips w/Ejectorfor #2 Auto
MTGD215	1-1/2" Threaded Grips for #2 w/sharp Roots
MTGD215EN	1-1/2" Threaded Grips w/Ejector, sharp root,414
MTGD220	2" Threaded Grips for #2 w/deeper thread
MTGD220E	2" Threaded Grips, Deep Thread w/ejector
MTGS205	1/2" Threaded Grips Special +2 Turns
MTGS210	1" Threaded Grips Special +2 Turns

Landis Part Numbers to MTS #
#1 Landmaco Automatic

Part #	Description	Landis MFG #	MTS#
1LA1	Yoke Bracket		
1LA2	Yoke		
1LA3	Yoke Pivot		
1LA4	Yoke Screw		
1LA5	Yoke Handle		
1LA6	Knob		
1LA7	Yoke Trip Rod		
1LA8	Trip Rod Lock Nut R.H. *		
1LA9	Yoke Trip Nut		
1LA10	Yoke Closing Spool		
1LA11	Spring	OE040495	M1YTRS11
1LA12	Die Head Splash Guard		
1LA13	Splash Guard Clip		
1LA14	Overhead Splash Guard		
1LA15	Yoke Bracket Gasket		
1LA16	Head Stock Base		
1LA17	BIJUR #PB5093 Oil Window		
1LA18	Dowell Pin		
1LA19	Head Stock Cover		
1LA20	Drive Shaft Bearing Cap		
1LA21	Main Drive Shaft		
1LA22	MRC207-SZZG,ABEC-I Ball Bearing		
1LA23	MRC207-SZZ,ABEC-I Ball Bearing		
1LA24	29TUI0I 5/8 Elastic Stop Nut Co.		
1LA25	Pump Driving Sheave		
1LA26	Driven Sheave		
1LA27	Driven Sheave Spacer		
1LA28			
1LA29	Pick Off Gear Spacer		
1LA30	Key		
1LA31	Pick Off Gear Clamp		
1LA32	Pick Off Gear Oil Slinger		
IL A3 3	Pick Off Gear Cover		
1LA34	Gear Cover Latch		

Part #	Description	Landis Mfg. No.	MTS#
IL A35			
1LA36	Cover Retaining Screw		
1LA37	Intermediate Drive Shaft		
1LA38	40T Intermediate Drive Gear		
1LA39	Brg. Retaining Washer		
1LA40	Brg. Retaining Ring		
1LA41	Intermed. Drive Shaft Brg. Housing		
1LA42	71T Spindle Gear		
1LA43	Screw Lock		
1LA44	Spindle		
1LA45	Timken #0 Precision Roller Brg.		
1LA46	Timken #0 Precision Roller Brg.		
1LA47	Spindle Bearing Cap		
1LA48	Chicago Rawhide #4003 Oil Ret.		
1LA49	Spindle Bearing Cap Gasket		
1LA50	Spindle Brg. Oil Slinger - Front		
1LA51	Spindle Brg. Oil Slinger - Rear		
1LA52	Spindle Brg. Oil Spacer - Rear		
1LA53	Spindle Brg. Lock Nut		
1LA54	Spindle Intermediate Shaft		
1LA55	MRC-207-S.ABEC-I Ball Bearing		
1LA56	Spindle Intermediate Gear		
1LA57	Intermediate Shaft Brg. Cap		
1LA58	Intermediate Shaft Cap Gasket		
1LA59	29T Cam Driving Pinion		
1LA60	Oil Deflector		
1LA61	Assembly #E32968		
1LA62	Head Mounting Stud		H06I84
1LA63	Rear Chip Guard		
1LA64	Bearing Spacer		
1LA65	48T Speed Change Gear		
1LA66	1/4 Pipe Grip		MPG125
1LA67	1/4 Threaded Nipple Grip		MTG125
1LA68	Ejector Plate		
1LA69	Plunger		
1LA70	Work Rest Bar		MWRB
1LA71	Work Rest Bracket		
1LA72	Nipple Side Guide (State Size)		
1LA73	Nipple Retaining Plate Spacer		
1LA74	Spring	OE003374	M1BS74
1LA75	Nipple Rest (State Size)		
1LA76	Plunger L.H. *		
1LA77	Plunger R.H.		

Part#	Description	Landis Mfg. No.	MTS#
1LA78	Grip Retaining Screw		M1GRS78
1LA79	Carriage Front - R.H.		
1LA80	Stationary Jaw - R.H.		
1LA81	Sliding Jaw - R.H.		
1LA82	Lower Sliding Jaw Gib		
1LA83	Sliding Jaw Gib		
1LA84	1/16-1/8-1/4 Pipe Grip Spacer		
1LA85	Nipple Grip Safety Rod		
1LA86	Nipple Grip Safety Arm		
1LA87	Spring	050422	MNGSS152
1LA88	Safety Arm Retaining Rod		
1LA89	Safety Arm Retaining Rod Pin		
1LA90	Safety Arm Roller Pin		
1LA91	Roller		
1LA92	Spring	OE005273	M1GSAS92
1LA93	Ejector Arm		
1LA94			
1LA95	Collar		
1LA96	Ejector Arm Shaft		
1LA97	Oilite #A-1014 3/4x1x1 Bushing		
1LA98	Ejector Operating Rack Pinion		
1LA99	Ejector Operating Rack (Boston #L515)		
1LA100	Spring	OE015955	M1EOLS100
1LA101	Ejector Operating Rack Cover		
1LA102	Ejector Operating Link		
1LA103	Ejector Operating Lever		
1LA104	McGill #CF-I Roller Bearing		
1LA105	Ejector Operating Lever Pin		
1LA106	Ejector Cam		
1LA107	Nipple Retaining Plate		
1LA108	Side Guide Operating Dog - Rear		
1LA109	Nipple Rest Bar Plate		
1LA110	Nipple Chute Bracket		
1LA111	Nipple Chute Plate Shaft		
1LA112	Nipple Chute Plate - Upper		
1LA113	Nipple Chute Plate - Lower		
1LA114			
1LA115	Chute Operating Cam		
1LA116			
1LA117			
1LA118	Plunger Support Bracket		
1LA119	Plunger Safety Switch Box		
1LA120	Plunger Safety Switch Cover		

Part #	<u>Description</u>	Landis Mfg. No.	MTS#
1LA121	Switch Box Pin		
1LA122	Plunger Spring	OE036234	MSCPS358
1LA123	Plunger Safety Latch		MPSL2191
1 LAI 24	Plunger Rod L.H.		
1LA125	Plunger Rod Sleeve		
1LA126	Plunger Rod Bushing		MLBI2195
1LA127	Plunger Rod Latch Block		
1LA128	Latch Block Insert		
1LA129	Micro SW.D 129236 Limit Switch		
1LA130	Sliding Jaw Stop		
1LA131	Clamping Plug		
1LA132	Jaw Spring	050826	M1JS132
1LA133	Cam Roller Bracket		
1LA134	Cam Roller		
1LA135	Cam Roller Stud		
1LA136	Carriage L.H.		
1LA137	Carriage R.H.		
1LA138	Carriage Side Gib		
1LA139	Carriage Bottom Gib		
1LA140	Carriage Front L.H.		
1LA141	Sliding Jaw L.H.		
1 LAI 42	Nipple Rest Bracket R.H. *		
1LA143	Work Rest Bar Support		
1LA144	Work Rest Bar Support Screw		
1LA145	Nipple Grip Chip Guard L.H.		
1LA146	Spacer .260		
1LA147	Clamping Screw		
1LA148	Sliding Jaw Adj. Screw		
1LA149	Sta. Jaw Adj. Screw		
1LA150	1/8 EH Nipple Pilot		
1LA151			
1LA152	Push Rod Head		
1LA153	Spring	OEO35787	M1NPS153
1LA154	Nipple Latch Block		
1LA155	Nipple Latch Spring	OE060158	MNLS225
1LA156	Nipple Latch Key		MNLK10
1LA157	Nipple Latch		MNL125
1LA158	Pilot Guide		
1LA159	Pilot Guide Bushing		
1LA160	Plunger Rod R.H.		
1LA161	Plunger Throw Out Cam		
1 LAI 62	Plunger Bracket		
1 LAI 63	Plunger Bracket Support		

Part #	Description	Landis Mfg. No.	MTS#
1 LAI 64	Plunger Bracket Spring	013574	M1PBS164
1LA165	Plunger Brk't Clamping Stud		
1LA166	#29E080 A Elastic Stop Nut		
1LA167	Nipple Stop		
1LA168	Nipple Stop Arm		
1LA169	Nipple Stop Shaft		
1LA170	Nipple Stop Lever		
1LA171	Nipple Locator Bracket		
1LA172	Arm Actuating Plunger		
1 LAI 73	Arm Actuating Plunger Spring	OE009157	M1AAPS173
1 LAI 74	Push Rod Latch		
1 LAI 75	Roller		
1LA176	Latch Pivot		
1LA177	Latch Safety Spring	OE027988	M1LSS177
1LA178	Latch Return Spring	050030	MLAS243
1LA179	Nipple Locator Cam		
1LA180	Nipple Locator Cam Pin		
1LA181	Cam and Switch Bracket		
1LA182	Switch Plate		
1LA183	Key		
1LA184	Locator Cam Adj. Spring	OE006371	M1LCAS184
1LA185	14S Set Screw 5/8 x 5/8		
1LA186	Bracket Bushing		
1LA187	.010 - .020 Plunger Support Brk't Shim		
1LA188	Push Rod Head		
1LA189	1/4 Dia. Hardened Steel Ball		
1LA190	Magazine Spacing Block		
1LA191	Magazine Spacer - Front		
1LA192	Magazine Spacer - Rear		
1LA193	Magazine Washer		
1 LAI 94	Ejector Block		
1LA195	Ejector Link		
1LA196	Clevis Pin		
1 LA 197	Assembly #D41132 & D41124		
1LA198	Ejector Support *		
1LA199	L.H. Ejector Blade *		
1LA200	Magazine Back		
1LA201	Nipple Retaining Plate		
1LA202	Magazine Support Bracket		
1LA203	Key		
1LA204			
1LA205	Transfer Finger Block		
1LA206	Clamping Finger Block		

Part #	Description	Landis Mfg. No.	MTS#
1LA207	Key		
1LA208	Transfer Bracket		
1LA209	Transfer Bracket Cap		
1LA210	Finger Operating Shaft		
1LA211	Finger Oper. Shaft Bushing		
1LA212	Finger Oper. Shaft Collar		
1LA213	27T Transfer Brk't. Bevel Gear		
1LA214	.002-.003-.005-.010-Oper. Shaft Shim		
1LA215	Arm Locking Ring Key		
1LA216	Finger Arm Locking Ring		
1LA217	Transfer Finger Shaft		
1LA218	Shaft Spacer		
1LA219	A Slotted Nut		
1LA220	Transfer Finger Sleeve		
1LA221	Finger Guide Collar		
1LA222	Transfer Finger Shaft Collar		
1LA223	Transfer Finger		
1LA224	Clamping Transfer Finger		
1LA225	Spring	OE060158	M1FLS225
1LA226	Finger Latch		
1LA227	Latch Operating Shaft		
1LA228	Latch Operating Screw		
1LA229	Latch Operating Pin		
1LA230	Latch Stop		
1LA231	Pin		
1LA232	Front Transfer Oper. Shaft		
1LA233	Clamping Collar		
1LA234	Safety Coupling		
1LA235	Safety Spring	OE031149	M1SCS235
1LA236	Safety Coupling End Plate		
1LA237	Safety Coupling Body		
1LA238	Safety Coupling Cover		
1LA239	Safety Coupling Cover Scr.		
1LA240	Adjustable Coupling		
1LA241	Rear Transfer Oper. Shaft		
1LA242	Shaft Bushing (Johnson #89 GP)		
1LA243	Main Cam End Cover		
1LA244	30T Transfer Shaft Driv'g Pinion		
1LA245	Transfer Arm Segment Bracket		
1LA246	McGill #CE-1 Roller Bearing		
1LA247			
1LA248	Gits #PC-2082 1/4 Dia. X 2" Wick		
1LA249	Transfer Arm Segment Stud		

Book No.	Description	Landis Mfg. No.	MTS#
1LA250	RBC-#J7173 Needle Bearing		
1LA251	Waldes #5100-87 Truarc Retain. Ring		
1LA252	Transfer Arm Segment		
1LA253	Spacer		
1LA254			
1LA255	Lead Cam		
1LA256	Advance Retarding Cam		
1LA257	Main Cam Body		
1LA258	Chicago Rawhide #3192 Oil Retainer		
1LA259	Carriage Advance Cam		
1LA260	Carriage Return Cam		
1LA261	Return Retarding Cam		
1LA262	Cam Spacing Block		
1LA263	Transfer Operating Cam		
1LA264	Dowell Pin		
1LA265			
1LA266	Drive Gear Guard		
1LA267	Main Cam Shaft		
1LA268	MRC 208,SZZ,ABEC-I,Ball Bearing		
1LA269	Timken #2 Precision Roller Bearing		
1LA270	108T Cam Driving Gear- Clutch		
1LA271	Cam Drive Safety Clutch Body		
1LA272	Safety Clutch Retaining Plate		
1LA273	Safety Clutch Pointer		
1LA274	Cam Drive Safety Clutch Ring	OCO17779	MCDSCR350
1LA275	Safety Clutch Plunger		MSCP352
1LA276	Safety Clutch Plunger Shaft	OE030558	MSCP5276
1LA277	Safety Clutch Plunger Shaft Nut		MSPCN141
1LA278	Safety Clutch Spacer		
1LA279	Plunger Roller		MPR355
1LA280	Roller Pin		MPRP356
1LA281	Plunger Spring Guide	OD030556	MCPSCG144
1LA282	Plunger Spring Rod	OE030557	MCPSR150
1LA283	Spring	OEO14427	MSCP358
1LA284	Spring Rod Fulcrum Pin		MPRFP360
1LA285	Handle Extension		
1LA286	Main Cam Cover		
1LA287	Dowell Pin		
1LA288	Cam Cover Plate		
1LA289	Cam Cover - Upper		
1LA290	Thrust Washer		
1LA291	23T Main Cam Driving Pinion		
1LA292	105T Main Cam Internal Gear		

Part #	Description	Landis Mfg. No.	MTS#
1LA293	4IT Main Cam Idler Gear		
1LA294	Main Cam Idler Gear Stud		
1LA295	Idler Gear Bearing Spacer		
1LA296	Collar		
1LA297	Cam Shaft Thrust Nut		
1LA298	Cam Shaft End Cover		
1LA299	Cam Follower		
1LA300	McGill #CF- 1 -3/4 Cam Roller		
1LA301	49TE126 3/4 Elastic Stop Nut		
1LA302	Cam Follower Bushing		
1LA303	Cam Follower Guide Bar		
1LA304	Cam Follower Slide Bar		
1LA305	Carriage Operating Rod		
1LA306	Carriage Operating Rod Nut		
1LA307	Operating Rod Collar		
1LA308			
1LA309			
1LA310	Logan #21010 6"Bore 5/8 Stroke Air Cylinder		
1LA311	Logan #21010 6"Bore 1/4 Stroke Air Cylinder		
1LA312	Cylinder Rod End		
1LA313	Cylinder Rod End		
1LA314	Valve Guard R.H.		
1LA315	Valve Guard L.H.		
1LA316	Norgren #2A3-GG-3/8 Air Pressure Regulator		
1LA317	Hose Connecting Bracket L.H.		
1LA318	Hose Connecting Bracket R.H.		
1LA319	Switch Operating Plate		
1LA320			
1LA321	Switch Bracket		
1LA322	Tube Bracket		
1LA323	Tube Clamp		
1LA324	Switch Cover L.H.		
1LA325	Switch Cover R.H.		
1LA326	3/8 Low Pressure Hose 2"-4" Long		
1LA327	Bellows Model #EV-10A Ele. Valve		
1LA328	Logan #6345 3/8 Air Strainer		
1LA329	Norgren #0-141-3 3/8 Reversible Lub.		
1LA330	Micro#8ZE6-2RN2 Do.Throw, Switch		
1LA331	Micro#8ZE6-2RN Do.Throw,Switch		
1LA332			

Part #	Description	Landis Mfg. No.	MTS#
1LA333	AA Pump		
1LA334	Pump Driven Sheave Browning #AK54		
1LA335	Pump Bracket		
1LA336	Pump Belt Guard		
1LA337	Coolant Strainer Tube		
1LA338	Strainer Cap		
1LA339	Strainer Lock Nut		
1LA340	Model "C" Strainer Refill		
1LA341	Lunkenheimer #202 3/8 Relief Valve		
1LA342	Veelos V-Belt Size "A"		
1LA343	Coolant Distributor		
1LA344	Coolant Pipe Support		
1LA345	Coolant Valve Assembly		
1LA346	Coolant Valve Nozzle		
1LA347	Relief Valve Exhaust Pipe		
1LA348	Motor Plate		
1LA349	Motor Plate Hinge Pin		
1LA350	Motor Plate Adj. Screw		
1LA351	Belt Guard		
1LA352	Belt Guard Cover		
1LA353			
1LA354	Motor Sheave (3.0 PD)		
1LA355	#A51 V-Belt		
1LA356	Bed		
1LA357	Chicago Rawhide #306124 Oil Retain.		
1LA358	Bed Way L.H.	OBO37708	MBWL1358
1LA359	Bed Way R.H.		MBWR1359
1LA360	Bed Way Key		
1LA361	Way Guard		
1LA362	Bed End Plate L.H.		
1LA363	Bed End Plate R.H.		
1LA364	Strainer Plate		
1LA365	Strainer		
1LA366	Bed Oil Screen		
1LA367	Chip Compartment Door		
1LA368	Door Latch Rod		
1LA369	Door Latch		
1LA370			
1LA371			
1LA372	Oil Reservoir		
IL A3 73	Slash Guard		
IL A3 74	Name Plate		
1LA375	Bijur #KIB,PC-1957 Lub. Pump		

Part #	Description	Landis Mfg. No.	MTS#
1LA376			
1LA377	Push Button Station Bracket		
1LA378	Push Button Station Support		
1LA379	Reamer Adj. Tube		H06I78
1LA380	Reamer Clamping Rod		
1LA381	Reamer Adj. Knob		H06I79
1LA382	Reamer Clamping Rod Knob		H06I82
1LA383			
1LA384			
1LA385			
1LA386			
1LA387			
1LA388			
1LA389			
1LA390			
1LA391			
1LA392			
1LA393			
1LA394			
1LA395			
1LA396			
1LA397			
1LA398			
1LA399			
1LA400	Magazine Support Bracket		
1LA401	Work Rest Bracket		
1LA402	Nipple Trough - Long		
1LA403	Nipple Trough - Short		
1LA404	Hopper Chute - Upper		
1LA405	Hopper Chute Guide		
1LA406	Hopper Chute Guide Adj. Clamp		
1LA407	Hopper Chute - Lower		
1LA408	Chute Base		
1LA409	Thrust Plate		
1LA410	Cam		
1LA411	Front Plate		
1LA412	Stop Guide		
1LA413	Adj. Stud		
1LA414	Arm Bracket		
1LA415	Actuating Arm		
1LA416	Elastic Stop Nut #29TE070		
1LA417	McGill CE-I Cam Follower		
1LA418	Arm Shaft		

Part #	Description	Landis Mfg. No.	MTS#
1LA419	Rocker Arm		
1LA420	Escapement Blocks "A"		
1LA421	Spring Detent		
1LA422			
1LA423	Spring Plunger		
1LA424	Key		
1LA425	Key		
1LA426	Tee Nut		
1LA427	Spring	OE040846	M1LA427
1LA428	Spring	OE03316	M1LA428
1LA429	Spring	OE044087	M1RAS429
1LA430	Bushing		
1LA431	Spring	OE060519	M1EBPS431
1LA432	Lower Chute Guide		
1LA433	3 S 3/8 x 1 Bolt		
1LA434	EB-2 Hopper Stand		
1LA435	EB-2 Hopper Bowl		
1LA436	Horizontal Discarding Plate		
1LA437	Discarding Plate Bracket		
1LA438	Vertical Discarding Plate		
1LA439	Guide Plate		
1LA440	Guide Plate Bracket		
1LA441	Scraping Blade		
1LA442	Scraping Blade Bracket		
1LA443	Retaining Nut		
1LA444			
1LA445	Adjusting Screw		
1LA446	Bushing		

**Repair Parts for Landis
6T & R Lanco Die Heads**

Landis Part#	Landis Mfg.#	Description	MTS#
1-23		Yoke Stop Ring	H06I23
1-27	E60157	Closing Pin Bushing	H06I27
1-30		Pin for Sliding Block	H06I30
1-31		Sliding Block	H06I31
1-51	OE060176	Chaser Clamp Spring	H06I51
1-52		Chaser Clamp	H06I52
		Left Hand Chaser Clamp	H06I52L
1-53	OE020142	Chaser Clamp Screw	H06I53
1-54	OE020143	Chaser Holder Screw	H06I54
1-55		Chaser Adjusting Screw	H06I55
1-73		Head Opening Pin	H06I73
I-78R		Right Hand Reamer Adjusting Tube	H06I78R
I-78L		Left Hand Reamer Adjusting Tube	H06I78L
1-79		Reamer Adjusting Knob	H06I79
1-80		Soft Pin	H06I80
1-8 IL		Left Hand Reamer Clamping Rod	H06I81L
1-81R		Right Hand Reamer Clamping Rod	H06I81R
1-82		Reamer Clamping Rod Knob	H06I82
1-83		Reamer Clamping Rod Pin	H06I83
1-84	1LA62	Head Mounting Stud	H06I84
		Yoke Ring for 6R	H06R22

**Repair Parts for Landis
6T & R Lanco Die Heads**

Landis Part#	Landis Mfg.#	Description	MTS#
1-3	OD060167	Trunnion with Pin	H06I03
		Trunnion Assembly w/Pin, Nut, Locking Screw	H06I03A
1-4		Trunnion Pin	H06I04
1-6		Red Spacing Shim .002 Thick	H06I062
1-6		Green Spacing Shim .003 Thick	H06I063
1-6		Blue Spacing Shim .005 Thick	H06I065
1-7		Trunnion Adjusting Nut	H06I07
		Trunnion Adjusting Nut w/Locking Screw	H06I07A
1-8		Trunnion Adjusting Nut Locking Screw	H06I08
1-106		9" Allen Wrench for Trunnion Locking Screw 5/32 Hex	H06I106
1-10	OD057163	Adjusting Worm	H06I10
1-12		Adjusting Worm Washer	H06I12
1-13	FA000375	Adjusting Worm Nut	H06I13
1-15	OE060212	Head Opening Spring	H06I15
1-16		Head Opening Spring Screw	H06I16
1-17		Spring Hole Screw	H06I17
1-19	E60269	Closing Pin	H06I19
1-22	024170	Yoke Ring	H06I22

**Repair Parts for Landis
8R Lanco Die Heads**

Landis Part#	Landis Mfg. #	Description	MTS#
M-19B		Closing Pin	H08R.19
M-27		Closing Pin Bushing	H08R27

**Repair Parts for Landis
10T & R Lanco Die Heads**

Landis Part#	Landis Mfg.#	Description	MTS#
1-3	OC060337	Trunnion with Pin (H10104)	H10I03
		Trunnion with Oil Groove & Pin	H10I03OG
		Trunnion Assembly w/pin, nut, & Locking screw	H10I03A
1-4		Trunnion Pin	HI 0104
1-6		Red Spacing Shim .002 Thick	HI 01062
1-6		Green Spacing Shim .003 Thick	HI 01063
1-6		Blue Spacing Shim .005 Thick	H10I065
1-7	OE060297	Trunnion Adjusting Nut	HI 0107
		Trunnion Adjusting Nut with Locking screw	H10I07A
1-8	OE60297	Trunnion Adjusting Nut Locking Screw (Allen)	HI 0108
1-106		9" Allen Wrench for Trunnion Locking Screw (7/32 Hex)	H10I106
1-10		Adjusting Worm	HI0I10
1-12		Adjusting Worm Washer	HI0I12
	FA000385	Adjusting Worm Nut	H10I13
1-15	OP060327	Head Opening Spring	H10I15
1-16		Head Opening Spring Screw	H10I16
		Spring Hole Screw	H10I17
1-19	E60332	Closing Pin	H10I19
		Closing Pin 32-1/2 degree	H10S192

**Repair Parts for Landis
10 T & R Lanco Die Heads**

Landis Part#	Landis Mfg.#	Description	MTS#
1-22	OB051003	Yoke Ring	HI 0122
1-25	E68455	Yoke Stop Ring Screw	H10I25
1-27	E60331	Closing Pin Bushing	HI 0127
		Closing Pin Bushing 32-1/2 degree	H10S272
1-30		Pin for Sliding Block	H10I30
1-31		Sliding Block	H10I31
1-51	OE060305	Chaser Clamp Spring	H10I51
1-52	OD060341	Chaser Clamp for 10T& 16T	HI 6152
		1/4 - 1-1/4 Chaser Clamp for Hose Machine	H10I5205
		1-1/2 - 2 Chaser Clamp for Hose Machine	H10I5215
1-53	OE019502	Chaser Clamp Screw	H10I53
1-54	OE021069	Chaser Holder Screw	H10I54
1-55		Chaser Adjusting Screw	H10I55
1-73	D36459	Opening Pin	H10I73
1-76		Right Hand Adapter 1/2 x 3/4	H10I76
I-76L		Left Hand Adapter 1/2 x 3/4	H10I76LH

**Repair Parts for Landis
10 T & R Lanco Die Heads**

Landis Part#	Landis Mfg.#	Description	MTS#
1-78	LOC031126	Reamer Adjusting Tube	H10I78
1-79	LOD002211	Reamer Adjusting Knob	H1 0179
1-80	LIPSX25X50	Soft Pin for Reamer Adj. Tube	H1 0180
1-81	LOD031125	Reamer Clamping Rod	H10I81
1-82	LO13450	Reamer Clamping Rod Knob	H1 0182
1-83	L10PX15X100	Reamer Clamping Rod Pin	H10I83
29		Head Mounting Stud	H10I84
29L		Head Long Mounting Stud	H10I84L
		Yoke Ring for 10R	H10R22

**Repair Parts for Landis
16T & R Lanco Die Heads**

Landis Part#	Landis Mfg.#	Description	MTS#
1-3		Trunnion with Pin	H1 6103
		Trunnion Assembly w/Pin, Nut, Locking Screw	H16103A
1-4		Trunnion Pin	H1 6104
1-6		Red Spacing Shim .002" Thick	H1 61062
1-6		Green Spacing Shim .003" Thick	H161063
1-6		Blue Spacing Shim .005" Thick	H161065
1-7		Trunnion Adjusting Nut	H16107
	OE060371	Trunnion Adjusting Nut w/Locking Screw	H1 6107 A
1-8	OE060372	Trunnion Adjusting Nut Locking Screw (Allen)	H16108
1-10		Adjusting Worm	H16110
1-12		Adjusting Worm Washer	H16112
1-13		Adjusting Worm Nut	H16113
1-106		9" Allen Wrench for Trunnion Locking Screw 7/32 Hex	H161106
1-15	OE060526	Head Opening Spring	H16115
1-16		Head Opening Spring Screw	H16116
1-17		Spring Hole Screw	H16117
1-19	E60367	Closing Pin	H16119
1-22	B51004	Yoke Ring	H1 6122
1-25	E68456	Yoke Stop Ring Screw	H1 6125
1-27	E60366	Closing Pin Bushing	H16127

**Repair Parts for Landis
16T & R Lanco Die Heads**

Landis Part#	Landis Mfg.#	Description	MTS#
1-30		Pin for Sliding Block	H16I30
1-31		Sliding Block	H16I31
1-52	D060341	Chaser Clamp for both 10T & 16T	H1 6152
		Left Hand Chaser Clamp	H16I52L
1-53		Chaser Clamp Screw for 10T & 16T	H10I53
1-54	OE010378	Chaser Holder Screw	H16I54
1-55		Chaser Adjusting Screw	H16I55
1-73	D36297	Opening Pin	H1 6173
1-78		Reamer Adjusting Tube (Length 32-3/16")	H16I78
1-79		Reamer Adjusting Knob	H16I79
1-80		Reamer Adj. Tube Knob Pin	H16I80
1-81		Reamer Clamping Rod (Length 37-1/4")	H16I81
1-82		Reamer Clamping Rod Knob	H16I82
1-83		Reamer Clamping Rod Pin	H16I83
29		Head Mounting Stud	H16I84
		Closing Pin 32-1/2 degree	H16S192
		Closing Pin Bushing 32-1/2 degree	H16S272
		Adapter for I" square to a 1-1/2" square	MDS2T4
		Yoke Ring for 16R	H16R22

#2 Landmaco Automatic

Part #	Description	Landis Mfg. No.	MTS#
LAI	Machine Bed		
LA2	L. H. Bed Way		
LA3	L. H. Bed Way Key		
LA4	R. H. Bed Way		
LA5	L. H. Bed Way Guard		
LA6	R. H. Bed Way Guard		
LA7	Chip Compartment Door		
LA8	Door Latch Knob		
LA9	Door Latch		
LAW	Door Latch Rod		
LA11	Yoke		
LA12	Yoke Pivot		
LAB	Yoke Trip Bracket		
LAM	Yoke Shifter Bracket 1-1/4" Head		
LAM	Yoke Shifter Bracket 2" Head		
LA16	Yoke Screw - Upper 1-1/4" Head		
LA17	Yoke Screw - Upper 2" Head		
LAI 8	Yoke Screw - Lower 1-1/4" Head		MYS010
LAB	Yoke Screw - Lower 2" Head		MYS016
LA20	Yoke Trip Roller		
LA21	Yoke Trip Rod Stud		
LA22	Die Head Trip Rod		
LA23	Yoke Shifter		
LA24	Yoke Shifter Handle		
LA25	Pump Bracket		
LA26	Pump Body		
LA27	Pump Body Cap. Lower		
LA28	Pump Body Cap. Upper		
LA29	Pump Shaft - Long		
LA30	Pump Drive Shaft		
LA31	Pump Universal Coupling		
LA32	Universal Coupling Pin		
LA33	Packing Bushing		
LA34	Pump Gear		
LA35	Die Head Splash Guard		

Part #	Description	Landis Mfg. No.	MTS#
LA36	Die Head Splash Guard Bracket		
LA37	Die Head Splash Guard Bracket		
LA38	Yoke Pivot Washer		
LA39	Head Clamping Stud 1-1/4" Head		H10I84
LA40	Head Clamping Stud 2" Head		
LA41	Motor Compartment Door		
LA42	Motor Compartment Door Hinge		
LA43	Motor Compartment Door Pin		
LA44	Carriage		
LA45	Carriage Side Gib		
LA46	Carriage Bottom Gib - R. H.		
LA47	Carriage Bottom Gib - L. H.		
LA48	Carriage Front - R. H.		
LA49	Carriage Front - L. H.		
LA50	Sliding Jaw Gib		
LA51	Lower Sliding Jaw Gib - R. H.		
LA52	Stationary Jaw Adj. Screw		
LA53	Sliding Jaw Stop		
LA54	Sliding Jaw Adjusting Nut		
LA55	Jaw Floating Plug		
LA56	Jaw Spring		
LA57	Nipple Chute Plate - Upper		
LA58	Nipple Chute Plate - Lower		
LA59	Nipple Chute Plate - Shaft		
LA60	Nipple Chute Plate - Collar		
LA61	Nipple Chute Brk't *		
LA62	Chute Operating Cam		
LA63	Cam Roller Bracket		
LA64	Cam Roller		
LA65	Cam Roller Stud		
LA66	Stationary Jaw - R. H.		
LA67	Stat. Jaw - R. H. 1-2 Nipples *		
LA68	Stat. Jaw L. H. A - 3/4 Nipples		
LA69	Stationary Jaw L. H. 1 - 2 Nipple		
LA70	Sliding Jaw R. H.		
LA71	Sliding Jaw R.H. 1-2 Nipples *		
LA72	Sliding Jaw L.H. - A - 3/4 Nipples		
LA73	Sliding Jaw L. H. -1" - 2" Nipples		
LA74	Headstock Base		
LA75	Headstock Spindle - L. H.		
LA76	Headstock Spindle - R. H.		
LA77	Spindle Gear Cover - L. H.		

Book No.	Description	Landis Mfg. No.	MTS#
LA78	Spindle Gear Cover - R. H.		
LA79	Spindle Brg. Housing		
LA80	Spindle Brg. Front Cap		
LA81	Clutch Cover		
LA82	Pump Driving Pinion		
LA83	Pump Driving Gear		
LA84	Pump Driving Shaft Bushing		
LA85	Pump Driving Shaft		
LA86	Bevel Gear Nut		
LA87	Bevel Gear Hub Key		
LA88	Bevel Gear Hub Screw		
LA89	Pick Off Gear Box		
LA90	Pick Off Gear Box Cover		
LA91	Gear Box Cover Screw		
LA92	Gear Box Cover Latch		
LA93	60T Spindle Bevel Ring Gear		
LA94	Spindle Bevel Gear Hub		
LA95	Gear Box Latch Rivet		
LA96	30T Driving Gear		
LA97	44T Driving Gear		
LA98	Input Shaft Coupling Key		
LA99	Input Shaft Brg. Housing		
LA 100	Main Drive Shaft		
LA101	Bearing Lock Nut		
LA 102	Output Shaft		
LA 103	Spiral Pinion Shaft		
LA 104	Bevel Pinion Shaft Key		
LA 105	Input Shaft Handwheel		
LA 106	Thrust Nut Lock		
LA 107	Spindle Bearing - Rear		
LA108	Spindle Bearing - Front		
LA 109			
LAHO			
LAI 11	Ball Brg. Shoulder Collar		
LAI 12	Main Drive Shaft Spacer - Inner		
LA113	Main Drive Shaft Spacer - Outer		
LAI 14	Screw Locks 2-1/2 I.D.		
LAI 15	Main Drive Shaft Key		
LAI 16	Output Shaft Spacer - Outer		
LAI 17	Spiral Pinion Brg. Thrust Nut		
LAI 18	Output Shaft Spacer - Inner		
LAI 19	38T Cam Driving Gear		
LA 120	44T Cam Driving Gear		

Book No.	Description	Landis Mfg. No.	MTS#
LA 121	58T Cam Drive Idler Gear		
LA 122	64T Cam Drive Idler Gear		
LA 123	126T Cam Driving Gear		
LA 124	132T Cam Driving Gear		
LA 125	Main Cam Shaft		
LA 126	Drive Gear Guard		
LA 127	End Cover		
LAI 28	Cam Drive Safety Clutch Ring	Ocoi7779	MCDSCR350
LA 129	Spindle Drive Bevel Gear		
LA130	30T R H Spindle Driving Gear		
LA131	Idler Gear Stud		
LA132	Idler Gear Bearing		
LA133	Spindle Rear Bearing Cap		
LA 134	Output Shaft Spacer		
LA135	Safety Clutch Retain'g Plate		
LA136	Cam Drive Safety Clutch Body		
LA137	Handle Extension		
LA138	#14 Williams Crank Handle		
LA 139	Safety Clutch Plunger	0D042147	MSCP352
LA 140	Safety Clutch Plunger shaft	0E030558	MSCP5276
LA141	Safety Clutch Plunger Nut		MSCPCN141
LA 142	Plunger Roller		MPR355
LA 143	Plunger Roller Pin	00030556	MPRP356
LA 144	Plunger Spring Guide		MCPSCG144
LA 145	Input Shaft		
LA 146	Input Shaft Coupling		
LA 147	R. H. Spindle Output Shaft		
LAI 48	R. H. Bevel Pinion Shaft		
LA 149	Pinion Bear'g Thrust Nut		

Book No.	Description	Landis Mfg. No.	MTS#
LAI 50	Plunger Spring Rod	OE030557	MCPDR150
LAI 51	Plunger Spring	EI 4427	MSCPS358
LAI 52	Spring Rod Fulcrum Pin		MPRFP360
LA153	Main Cam Shaft Brg. - Rear		
LA 154	Main Cam Shaft Thrustwasher		
LAI 55	Safety Clutch Pointer		
LAI 56	Screw Lock		
LA157	Screw Lock 2-3/16 I.D.		
LA158	Input Shaft Bear'g Spacer		
LAI 59	Oil Slinger		
LA 160	MRC 5207 Bearing		
LA161	MRC 208 MF Bearing		
LA 162	MRC 5208 Bearing		
LA 163	MRC 209 M Bearing		
LA 164	MRC 209 S Bearing		
LA 165	MRC 309 SF Bearing		
LA 166	MRC 209 MF Bearing		
LA 167			
LA 168			
LA 169			
LA 170			
LA171			
LAI 72			
LA 173	08 Bear'g Locknut & Washer		
LA 174	09 Bear'g Locknut & Washer		
LA 175	Main Cam Body		
LA 176	Carriage Advance Cam		
LA 177	Carriage Return Cam		
LA178	Return Retard'g Cam		
LA 179	Advance Retard'g Cam !4 & 3/4		
LAI 80	Advance Retard 'g Cam 1 & 2		
LAI 81	Lead Cam 14 & 3/4 Nipples		
LA 182	Lead Cam 1 & 2 Nipples		
LA183	Transfer Oper. Cam		
LAI 84	Grip Oper. Valve Cam		
LA 185	Main Cam Cover		
LA 186	Main Cam Cover - Upper		
LA187	Sq. Hd. Taper Pin		
LAI 88	Main Cam Shaft Front Bush.		

Book No.	Description	Landis Mfg. No.	MTS#
LAI 89	24T Main Cam Driv'g Pinion		
LA 190	128T Main Cam Int. Gear		
LAI 91	5 Q. Hd. Taper Pin		
LA 192	52T Main Cam Idler Gear		
LA 193	Main Cam Idler Gear Stud		
LA 194	Main Cam Idler Gear Bush.		
LA 195	Main Cam Shaft Collar		
LA 196	Cam Follower L. H.		
LA 197	Cam Follower R. H.		
LA198	Stop Plunger		
LA 199	Stop Plunger Spring	E23848	MSPS380
LA200	Cam Follower End Plate		
LA201	Cam Follower Guide Bar		
LA202	Cam Follower Slide Bar		
LA203	Cam Follower Bear'g McGill		
LA204	Valve Bracket		
LA205	Valve Brk't Adj.Scr.Stud.		
LA206	Carriage Oper. Rod		
LA207	Camage Oper. Rod Collar		
LA208	Felt Washer		
LA209	Oil Hole Cover		
LA210	4 - Way Control Valve		
LA211	1/4 Bleeder Valve - Logan 6250		
LA212	1/4 Bleeder Valve - Logan 6256		
LA213	3/8 Air Strainer - Logan 6345		
LA214	Lubrication - Norgren - 0-40-3R		
LA215	Pipe Clamp		
LA216	Finger Oper. Cam Body		
LA217	Main Cam Driv'g Shaft		
LA218	#12 Brg. Lock Washer & Nut		
LA219	Timken Roller Brg. 3982-3920		
LA220	Johnson #930 G.P. Bush.		
LA221	Transfer Brk't.- Rear		
LA222	Transfer Shaft Bush'g		
LA223	Transfer Shaft Driv'g Pinion		
LA224	Pinion Scr. Lock		
LA225	Transfer Oper. Shaft		
LA226	Transfer Oper. Shaft Collar		
LA227	Transfer Arm Segment - 120T		
LA228	Transfer Arm Segment Brk't.		
LA229			
LA230			
LA231			
LA232			

Book No.	Description	Landis Mfg. No.	MTS#
LA233	Transfer Arm Segment Stud		
LA234	McGill Roller #CF 1-1/4		
LA235	R.B.C. #J7193 Brg.		
LA236	Transfer Brkt. Key		
LA237	A Pipe Grip		MPG205
LA238	3/4 Pipe Grip		MPG207
LA239	1" Pipe Grip		MPG210
LA240	1-1/4 Pipe Grip		MPG212
LA241	1-1/2 Pipe Grip		MPG215
LA242	2 Pipe Grip		MPG220
LA243	Logan 6" Model A Cyl 1/4 Stroke		
LA244	Logan 8" Model A Cyl 1/4 Stroke		
LA245	Cylinder Rod End		
LA246	Workslide Brk't Spacer - 1/2" *		
LA247	Workslide Brk't Spacer - 3/4" *		
LA248	Workslide Brk't Spacer - 1" *		
LA249	Workslide Brk't Spacer - 1-1/4" *		
LA250	Workslide Brk't Spacer - 1-1/2" *		
LA251	Workslide Brk't Spacer - 2" *		
LA252	Plunger - Give Pipe Size		
LA253	Plunger Rod 1/2" - 3/4" Nipples		
LA254			
LA255			
LA256	Plunger Rod 1" - 2" Nipples		
LA257			
LA258			
LA259			
LA260	Work Rest Bar 1/2" Nipples		MWRB213105
LA261	Work Rest Bar 3/4" Nipples		MWRB213107
LA262	Work Rest Bar 1" Nipples		MWRB213101

Book No.	Description	Landis Mfg. No.	MTS#
LA263	Work Rest Bar 1-1/4" Nipples		MWRB213112
LA264	Work Rest Bar 1-1/2" Nipples		MWRB213115
LA265	Work Rest Bar 2" Nipples		MWRB21312
LA266	Work Slide Brk't.R.H. - 1/2" *		
LA267	Work Slide Brk't.R.H. - 3/4" *		
LA268	Work Slide Brk't - 1" Pipe *		
LA269	Work Slide Brk't - 1-1/4" Pipe *		
LA270	Work Slide Brk't - 1-1/2" Pipe *		
LA271	Work Slide Brk't - 2" Pipe *		
LA272	Work Slide Rod * *		
LA273	Work Slide Brk't. L.H.:		
LA274	Work Slide Bar *		
LA275	Work Rest Bar Guide		
LA276	Rest Bar Rod *		
LA277	Plunger Support Brk't *		
LA278			
LA279	Brass Shoe *		
LA280	Dowell Pin *		
LA281	Magazine Back 1/2" Pipe		
LA282	Magazine Back 3/4" Pipe		
LA283	Magazine Back 1" Pipe		
LA284	Magazine Back 1-1/4" Pipe		
LA285	Magazine Back 1-1/2" Pipe		
LA286	Magazine Back 2" Pipe		
LA287	Magazine Spacer Front 1/2 Nip.		
LA288	Magazine Spacer Front 3/4 Nip.		
LA289	Magazine Spacer Front 1" Nip.		
LA290	Magazine Spacer Front 1-1/4 Nip.		
LA291	Magazine Spacer Front 1-1/2 Nip.		
LA292	Magazine Spacer Front 2" Nip.		
LA293	Magazine Spacer Rear 1/4 Nip.		
LA294	Magazine Spacer Rear 3/4 Nip.		

Book No.	Description	Landis Mfg. No.	MTS#
LA295	Magazine Spacer Rear 1" Nip.		
LA296	Magazine Spacer Rear 1-1/4 Nip.		
LA297	Magazine Spacer Rear 1-1/2 Nip.		
LA298	Magazine Spacer Rear 2" Nip.		
LA299	Nipple Retaining Plate		
LA300	Magazine Support Bar A Nipple		
LA301	Magazine Support Bar 3/4 Nipple		
LA302	Magazine Support Bar 1" Nipple		
LA303	Magazine Support Bar 1-1/4 Nip.		
LA304	Magazine Support Bar 1-1/2 Nip.		
LA305	Magazine Support Bar 2" Nipple		
LA306	Magazine Support Nut A Nipple		
LA307	Magazine Support Nut 3/4 Nipple		
LA308	Magazine Support Nut 1" Nipple		
LA309	Magazine Support Nut 1-1/4 Nip.		
LA310	Magazine Support Nut 1-1/2 Nip.		
LA311	Magazine Support Bracket		
LA312	Magazine Support		
LA313	Transfer Bracket - Front		
LA314	Transfer Bracket Cap		
LA315	Finger Operating Shaft		
LA316	Finger Operating Shaft Bushing		
LA317	Transfer Bracket Bevel Gear 27T		
LA318	Arm Locking Ring Key		
LA319	Finger Arm Locking Ring		
LA320	Transfer Finger Shaft		
LA321	Transfer Shaft Spacer		
LA322	Slotted Nut		
LA323	Transfer Finger Sleeve		
LA324	Transfer Bracket Bevel Gear 18T		
LA325	Finger Guide Collar		
LA326	Transfer Finger Shaft Collar		
LA327	Transfer Finger Holder		
LA328	Transfer Finger Latch Block		
LA329	Transfer Finger Operating Spring		
LA330	Latch Spring		
LA331	Latch Spring Plunger		
LA332	Finger Latch		
LA333	Finger Operating Screw		
LA334	Finger Operating Screw Bracket		
LA335	Transfer Operating Shaft - Front		
LA336	Safety Coupling		

Book No.	Description	Landis Mfg. No.	MTS#
LA337	Safety Spring		
LA338	Safety Coupling End Plate		
LA339	Finger Operating Plunger		
LA340	Safety Coupling Body		
LA341	Safety Coupling Cover		
LA342	Adjustable Coupling		
LA343	Bushing - Johnson GP795		
LA344	Transfer Finger Clevis Pin		
LA345			
LA346			
LA347			
LA348			
LA349			
LA350			
LA351			
LA352			
LA353			
LA354			
LA355			
LA356			
LA357	26T Change Gear		
LA358	30T Change Gear		
LA359	33T Change Gear		
LA360	37T Change Gear		
LA361	43T Change Gear		
LA362	47T Change Gear		
LA363	50T Change Gear		
LA364	54T Change Gear		
LA365			
LA366			
LA367	Plunger Rod Sleeve		
LA368	Plunger Rod Bushing		
LA369	Latch Block Insert		MLB12195
LA370	Plunger Safety Latch		MPSL2191

Book No.	Description	Landis Mfg. No.	MTS#
LA371	Plunger Safety Switch Box		
LA372	Plunger Safety Switch Cover		
LA373	Plunger Spring	E2433	MPSLS2190
LA374	Plunger Rod Latch Block		
LA375	Adjusting Screw		
LA376	Valve Operating Screw		
LA377	Clamping Screw		
LA378	Magazine Clamping Screw		
LA379	Carriage Front Adjusting Screws		
LA380	Adjusting Screw		
LA381	Clamping Screw		
LA382	Clamping Screw		
LA383	Clamping Screw		
LA384	Adjusting Screw		
LA385	Vertical Adjusting Screw		
LA386	Carriage Front Clamping Screw		
LA387			
LA388	Adjusting Screw		
LA389	Clamping Screw		
LA390	Ejector Plate 'A Nipples		
LA391	Ejector Plate 3/4 Nipples		
LA392	Ejector Plate 1" Nipples		
LA393	Ejector Plate 1-1/4 Nipples		
LA394	Ejector Plate 1-1/2 Nipples		
LA395	Ejector Plate 2" Nipples		
LA396			
LA397	Ejector Arm Shaft		
LA398	Collar		
LA399	Ejector Plate Pin		
LA400	Nipple Grip Safety Lever		
LA401	Threaded Nipple Grip-State size		MTG
LA402			
LA403			
LA404			
LA405			
LA406			
LA407	Spring		

Book No.	Description	Landis Mfg. No.	MTS#
LA408	Nipple Grip Safety Spring Pin		
LA409	Finger Latch Stop		
LA410	Switch Cover		
LA411	Finger Latch Stop Nut		
LA412	Nipple Grip Safety Arm		
LA413	Nipple Grip Safety Rod		
LA414	Transfer Shaft Operating Collar		
LA415	Finger Latch Pin		
LA416	Pressure Regulator		
LA417	Magazine Support Nut 2" Pipe		
LA418	Nipple Locator Bracket		
LA419			
LA420	Nipple Stop Arm Link		
LA421	Nipple Stop Arm Spring Rod		
LA422	Spring		
LA423			
LA424	Latch Pivot		
LA425			
LA426	Clevis Pin		
LA427	Push Rod Latch Spring Housing		
LA428	Spring		
LA429	Push Rod Latch Arm		
LA430	Roller		
LA431	Spring		
LA432			
LA433	Ejector Cam		
LA434	Nipple Rest Base		
LA435	1/2" Nut		
LA436			
LA437	Valve Over Travel Actuator Stud		
LA438	Valve Over Travel Actuator		
LA439	Spring		
LA440			
LA441			
LA442	Nipple Stop Shaft		
LA443	Nipple Stop Lever		
LA444			
LA445	Plunger Bracket		
LA446	Plunger Bracket Support		
LA447			
LA448	Plunger Sleeve Clamping Stud		
LA449	Clamping Shoe		
LA450	Nipple Pilot-Give Nipple Size		MNP

Book No.	Description	Landis Mfg. No.	MTS#
LA451	Push Rod Head-Give Nipple Size		MPRH
LA452			
LA453	Pilot Guide-Give Nipple Size		MNPG
LA454	Pilot Guide Bushing - Give Nip. Size		
LA455			
LA456	Spring A" & 74"	E35787	MPS205
LA256	Spring 1" & 2"	E36233	MPS210
LA457	Nipple Latch Block	OE035767	MNLB2457
LA458	Spring		
LA459	Nipple Latch Key		MNLK10
	Nipple Guide Spring-Give Nipple Size		
LA460	Diameter and Length		MGS
LA461			
LA462	Spacer - 1/16 Thick		
LA463	Spacer - 1/32 Thick		
LA464	1/32 Plunger Bracket Supp. Shim		
LA465	.010 Plunger Bracket Supp. Shim		
LA466	Spring Adjusting Screw		
LA467			
LA468			
LA469			
LA470			
LA471			
LA472			

Book No.	Description	Landis Mfg. No.	MTS#
LA473	Finger Operating Scr. Bracket		
LA474	Ejector Oper. Lever R.H.		
LA475	Yoke Closing Rod Brk't R.H. Carr.		
LA476	Ejector Oper. Shaft		
LA477	Ejector Oper. Lever L.H.		
LA478			
LA479			
LA480	Micro SW. DI29236 Limit SW		
LA481			
LA482	Yoke Shifter Handle Knob		
LA483	Yoke Shifter Stud		
LA484	Yoke Bracket		
LA485	Yoke Clos'g Rod Brg - Front		
LA486	Yoke Clos'g Rod Brg - Rear		
LA487	Yoke Clos'g Rod Brg Pin		
LA488	Yoke Clos'g Rod		
LA489	Yoke Clos'g Rod Brk't L.H. Carr.		
LA490	Yoke Clos'g Rod Spring	OE031047	MCRS15
LA491	Yoke Clos'g Rod Nut		
LA492	Ejector Operating Rack Pinion		
LA493	Ejector Operating Rack		
LA494	Ejector Operating Rack Cover		
LA495	Oilite A-1014 Bushing - 3/4XIXI		
LA496	Ejector Operating Rack Plunger		
LA497	Spring		
LA498	Ejector Operating Link		
LA499	Link Pin		
LA500	Latch		
LAC1			
LAC2			
LAC3			
LAC4	Plunger Rod		
LAC5			
LAC8	Push Rod Latch		
LAC9	Plunger Throw Out Cam		
LAC 10			
LACH			
LAC 12			

Book No.	Description	Landis Mfg. No.	MTS#
LAC 13			
LAC 14			
LAC 15	Nipple Latch(give nipple size)		
LAC 16			
LAC 17	Set Up Gauge		
LAC 18	Spring		
LAC 19			
LAC20			
LAC21			
LAC22	Nipple Stop Arm		
LAC23	Nipple Stop		
LAC24	Nipple Rest(give Nipple Size)		
LAC25	Cam Roller		
LAC26			
LAC27	Ejector Arm		
LAC345	Stationary Transfer Finger A Pipe		
LAC346	Stationary Transfer Finger 3/4 Pipe		
LAC347	Stationary Transfer Finger 1" Pipe		
LAC348	Stationary Transfer Finger 1-1/4 Pipe		
LAC349	Stationary Transfer Finger 1-1/2 Pipe		
LAC350	Stationary Transfer Finger 2" Pipe		
LAC351	Clamping Transfer Finger 'A Pipe		
LAC352	Clamping Transfer Finger 3/4 Pipe		
LAC353	Clamping Transfer Finger 1" Pipe		
LAC354	Clamping Transfer Finger 1-1/4 Pipe		
LAC355	Clamping Transfer Finger 1-1/2 Pipe		
LAC356	Clamping Transfer Finger 2" Pipe		

PART#***Parts for 4" Machine******PRODUCT DESCRIPTION***

MIG5250	2-1/2" Internal Grips Double Groove 4 CLAN
MIG52501	2-1/2" Internal Grips Single Groove 4 CLAN
MIG5300	3" Internal Grips Double Groove 4CLAN
MIG53001	3" Internal Grips Single Groove for 4" CLAN
MIG5300T	3" Internal Grips Double Groove 4 CLAN +.020
MIG5350	3-1/2" Internal Grips Double Groove 4CLAN
MIG5400	4" Internal Grips Double Groove 4CLAN
MIG54Q01	4" Internal Grips Single Groove 4 CLAN
MLB51	L Bracket Set for 4" 16 CLAN (3 per set)
MLB51S	Low Head Screws for L Bracket 5/16" x 3/4"

**Repair Parts for Landis
4" Rotary Die Heads**

Landis Part#	Landis Mfg.#	Description	MTS#
A-19		Closing Pin Length 5-1/16"	H4RA19
A-27		Closing Pin Bushing	H32/48I27
A-52		Chaser Clamp Length 4"	H32I52
A-52		Chaser Clamp Length 5-1/2"	H32L52

Repair Parts for Landis 10JN Landex Die Head

Landis Part#	Landis Mfg.#	Description	MTS#
JN-3		Trunnion with Pin	H06I03
JN-10		Adjusting Worm	H06I10
JN-12		Adjusting Worm Washer	H06I12
JN-13		Adjusting Worm Nut	H06I13
JN-15	OE1 18059	Head Opening Spring	H10J15
JN-19	E60578	Closing Pin	H10J19
JN-27	OE060157	Closing Pin Bushing	H06I27
JN-31		Sliding Block	H06I31
JN-52		Chaser Clamp	H06I52
JN-53		Chaser Clamp Screw	H06I53
JN-54		Chaser Holder Screw	H06I54
JN-55		Chaser Adjusting Screw	H06I55

Parts for 16 DEN

<i>PART#</i>	<i>DESCRIPTION</i>
MDETSS95	Thread Starting Spring for 16DEN Machine
MPG6050	1/2" Pipe Grip for 16 DEN Machine
MPG6075	3/4" Pipe Grip for 16 DEN Machine
MPG6100	1" Pipe Grip for 16 DEN Machine
MPG6125	1-1/4" Pipe Grip for 16 DEN Machine
MPG6150	1-1/2" Pipe Grip for 16 DEN Machine
MPG6200	2" Pipe Grip for 16 DEN Machine

Repair Parts for Landis 16JN Landex Die Head

Landis Part#	Landis Mfg.#	Description	MTS#
		Red Spacing Shim .002 Thick	H16JNKI062
		Green Spacing Shim .003 Thick	H16JNKI063
		Blue Spacing Shim .005 Thick	H16JNKI065
JN10		Adjusting Worm	H16JKN10
JN12		Adjusting Worm Washer	H16JNK12
JN13		Adjusting Worm Nut	H16KJN13
JN15	OEO10451	Head Opening Spring	H16KJN15
JN16		Head Opening Spring Screw	H16KJN16
JN19		Closing Pin	H16JN19
JN27	E19718	Closing Pin Bushing	H16KJN27
JN30		Pin for Sliding Block	H16JN30
JN31		Sliding Block	H16JN31
JN31T		Sliding Block for Turned Holders	H16KJN31T

15/16" x 2-1/8" Chaser

JN51	OE060176	Clamp Spring	H06I51
JN52		Chaser Clamp	H06I52
JN53		Chaser Clamp Screw	H06I53

**Repair Parts for Landis
16JN Landex Die Head**

1-1/4" x 2-1/4" Chaser

JN51	OE060305	Clamp Spring	H10I51
JN52		Chaser Clamp	H16KJN52
		Chaser Clamp - Extra Thick	H16K52T
JN53		Chaser Clamp Screw	H10I53
JN54		Chaser Holder Screw	H16JNK54
JN115	E19491	Driving Pin	H16JN115

Repair Parts for Landis 16JNK Landex Die Head

Landis Part#	Landis Mfg.#	Description	MTS#
JNK03		Trunnion with Pin	H16JNK03
JNK06		Red Spacing Shim .002 Thick	H16JNKI062
JNK06		Green Spacing Shim .003 Thick	H16JNKI063
JNK06		Blue Spacing Shim .005 Thick	H16JNK1065
JNK07		Trunnion Adjusting Nut	H16JNK07
JNK08		Trunnion Adj. Nut Locking Screw	H16JNK08
JNK.10		Adjusting Worm	H16JKN10
JNK12		Adjusting Worm Washer	H16KJN12
JNK13		Adjusting Worm Nut	H16KJN13
JNK15	OEO10451	Head Opening Spring	H16K.JN15
INK 16		Head Opening Spring Screw	H16KJN16
JNK19	E40570	Closing Pin	H16K19
JNK27	E19718	Closing Pin Bushing	H16KJN27
JNK31		Sliding Block for Turned Holders	H16KJN31T

Repair Parts for Landis 16JNK Landex Die Head

15/16" x 2-1/8" Chaser

JNK51	OE060176	Clamp Spring	H06I51
JNK52		Chaser Clamp for W'-SM" Holders	H16JNK52S
JNK53		Chaser Clamp Screw	H06I53

1-1/4" x 2-1/4" Chaser

JNK51	OE060305	Clamp Spring	H10I51
JNK52		Chaser Clamp for 1" - 2" Holders	H16KJN52
		Chaser Clamp - Extra Thick	H16K52T
JNK53		Chaser Clamp Screw	H10I53
JNK54		Chaser Holder Screw	H16JNK54
JNK55		Chaser Adjusting Screw	HI 0155

**Repair Parts for Landis
32T & R La neo Die Heads**

Landis Part#	Landis Mfg. #	Description	MTS#
1-19		Closing Pin Length 5-7/16"	H32/48I19
1-27		Closing Pin Bushing	H32/48I27
1-52		Chaser Clamp Length 4"	H32I52
1-52		Chaser Clamp Length 5-1/2"	H32L52

**Repair Parts for Landis
48T & R Lanco Die Heads**

Landis Part#	Landis Mfg. #	Description	MTS#
1-19		Closing Pin Length 5-7/16"	H32/48I19
1-27		Closing Pin Bushing	H32/48I27
		Chaser Clamp for 48T With 6 Holders	H48T652
		Left Hand Chaser Clamp for 48T w/6 Holders	H48I652LH

Parts for 1-1/2" Wet Chaser Grinder

<i>PART#</i>	<i>DESCRIPTION</i>
MCG 1541	Handle for 1-1/2" Wet Chaser Grinder
MCG1548	Chaser Clamp -1-1/2" Wet Chaser Grinder
MCG15482	Woodruff Key for 1-1/2" WetChaser Clamp Shai
MCG15483	Jam Nut for 1-1/2" Wet Chaser Clamp Shaft
MCG1549RH	Right Hand Block -1-1/2" Wet Chaser Grinder
MCG1549S	Chaser Block Screw
MCG1553	Clamp Stud -1-1/2" Wet Chaser Grinder
MCG1553N	Clamp StudHex Nut - 1-1/2" Wet Chaser Grinde
MCG1553W	Clamp Stud Washer - 1-1/2" Wet Chaser Grinde
MCG15551	Chaser Clamp Screw for Wet Chaser Grinder
MCG15A52	Chaser Grinder Support- #1 Dry Chaser Grinder
MCG15A52SL	Chaser Grinder Support Extended- #1 Dry Grind

Grips for 3/4" Hand Machine
Size: 1.250" x 1.250" x 1.56

<i>PART#</i>	<i>PRODUCT DESCRIPTION</i>
MHPG1012	1/8" 4-Sided Plain Grip for 3/4 Hand Machine
MHPG11135	1/8", 1/4", 3/8", & 1/2" Plain Pipe Grip
MHPG1125	1/4" 4 sided Plain Pipe Grip 3/4 Hand Machine
MHPG1137	3/8" 4 sided Plain Pipe Grip 3/4 Hand Machine
MHPG1150	1/2" 4 sided Plain Pipe Grip 3/4 Hand Machine
MHPG1175	3/4" Plain Pipe Grips for 3/4" Hand Machine
MHSPG175	3/4" Special Pipe Grips for 3/4 Machine
MHTG1012	1/8" Threaded Grips for 3/4 Hand Machine
MHTG10122	1/8" & 1/4" Threaded Grips 3/4 Hand Machine
MHTG1025	1/4" Threaded Grips for 3/4 Hand Machine
MHTG1033	3/8" Threaded Grips for 3/4 Hand Machine
MHTG1033B	3/8" Threaded for 3/4", 1 side NPT/1 side Butt
MHTG1035	3/8" & 1/2" Threaded Grips 3/4 Hand Machine
MHTG1055	1/2" Threaded Grips for 3/4 Hand Machine
MHTG1055B	1/2" Threaded for 3/4", 1 side NPT/1 side Butt
MHTG1057	1/2" - 3/4" Threaded Grips for 3/4 Hand
MHTG1077	3/4" Threaded Grips for 3/4 Hand Machine

Grips for 1" and 1-1/4" Hand Machine

Size: 1.50 x 1.50 x 1.750

1.50x1.937x1.937

<i>PART#</i>	<i>DESCRIPTION</i>
MHPG3111	1" Dbl Sided Plain Grips for 1" & 1-1/4" Hand
MHPG3112	1" & 1-1/4" Plain Pipe Grip for 1",1-1/4"Hand
MHPG3121	1-1/4"-1-1/4" Plain Pipe Grip for 1-1/4"Hand
MHPG3125	1/8" - 1/4" Plain Pipe Grips 1",1-1/4 Machine
MHPG31251	1-1/4" Plain Grip 1" & 1-1/4" Machine
MHPG3181	1/8" x 1/8" Plain Pipe Grip 1" & 1-1/4" Hand
MHPG3375	3/8" x 3/8" Plain Pipe Grips 1" & 1-1/4" Hand
MHPG3505	1/2" x 1/2" Plain Pipe Grips 1" & 1-1/4" Hand
MHPG355	1/2" Plain Pipe Grip Double-side 1" & 1-1/4"
MHPG3575	1/2" x 3/4" Plain Pipe Grips 1" & 1-1/4" Hand
MHPG3712	3/4" x 1" Plain Pipe Grips 1" & 1-1/4" Hand
MHPG3757	3/4" x 3/4" Plain Pipe Grips 1" & 1-1/4" Hand
MHRG350	1/2" Round Grips for 1" & 1-1/4" Machine
MHRG350I	1/2" Round Grips Carb. Impreg 1" & 1-1/4"
MHRG375	3/4" Round Grips for 1" & 1-1/4" Machine
MHRG375I	3/4" Round Grips Carb Impreg for 1" & 1-1/4"
MHTG310	1" both sides, Threaded Grip 1" & 1-1/4" Hand
MHTG3112	1" & 1-1/4" Threaded Grip for 1" & 1-1/4"
MHTG3125	1/8" Threaded Grips 1" & 1-1/4" Hand Machine
MHTG3250	1/4" Threaded Grips 1" & 1-1/4" Hand Machine
MHTG3375	3/8" Threaded Grips 1" & 1-1/4" Hand Machine
MHTG355	1/2" -1/2" Threaded Grip 1" & 1-1/4" Hand
MHTG357	1/2" - 3/4" Threaded Grip 1" & 1-1/4"
MHTG377	3/4" - 3/4" Threaded Grip 1" & 1-1/4" Hand

<i>PART#</i>	<i>DESCRIPTION</i>
MHTGB3112	1" & 1-1/4" BSTP Threaded Grips 1-1/4" P & N
MHTGB3250	1/4" BSTP Threaded Grips 1" & 1-1/4" P & N
MHTGB3375	3/8" BSTP Threaded Grips 1" & 1-1/4" P & N
MHTGB3500	1/2" BSTP Threaded Grips 1" & 1-1/4" P & N
MHTGB3750	3/4" BSTP Threaded Grips 1" & 1-1/4" P & N

Grips for 2 " Hand Machine

Size: 2.000 x 2.000 x 2.125

2.000 x 2.115 x 2.875

<i>PART#</i>	<i>DESCRIPTION</i>
MHPG2112	1" & 1-1/4" Plain Pipe Grip for 2" Machine
MHPG2200	2" Plain Pipe Grip for 2" Hand Machine
MHPG2150	1-1/2" Plain Pipe Grip for 2" Hand Machine
MHTG2152	1-1/2" & 2" Threaded Grip 2" P & N
MHTG2112	1" & 1-1/4" Threaded Grip 2" P & N
MHTG2575	1/2" - 3/4" Threaded Grip for 2" P & N
MHPG2101	1" Dbl Sided Plain Grips for 2" Machine
MHPG2505	1/2"-1/2" Plain Pipe Grip for 2" Hand Machine
MHPG2575	1/2"-3/4" Plain Pipe Grip for 2" Hand Machine
MHPG2757	3/4"-3/4" Plain Pipe Grip for 2" Hand Machine
MHTG2057CA	1/2" - 3/4" Threaded Grip for 2"
MHTGB2152	1-1/2" & 2" BSTP Threaded Grips 2" P & N
MHTGB2112	1" -1-1/4" BSTP Threaded Grips 2" P & N
MHTG2110	1" & 1" Dbl sided Threaded Grips for 2" Hand
MHTG2200	2" Double Sided Threaded Grips for 2" P & N
MHTG22537	1/4" & 3/8" Combo Threaded Grip for 2" Hand M

Grips for 4" Hand Machine

Size: 3.437x 4.250 x 5.187

<i>PART #</i>	<i>DESCRIPTION</i>
MHTG42503	2-1/2" & 3" Threaded Grips for 4" Machine
MHTG4250	2-1/2" - 2-1/2" Threaded Grips for 4" Machine
MHPG4250	2-1/2" Plain Grips for 4" Hand Machine
MHTG4350	3-1/2" Threaded Grip for 4" Machine
MHTG4400	4" Threaded Grip for 4" Machine
MHPG4300	3" Plain Grips for 4" Hand Machine
MHPG4400	4" PLain Grips for 4" Hand Machine
MHTGE4250	2-1/2" - 2-1/2" Threaded for English Machine
MHPG4350	3-1/2" Plain Grips for 4" Hand Machine
MHTG4330	3" - 3" Threaded Grips for 4" Machine
MHTG660	6" Threaded Grips for 6" Hand Machine

Bolt Grips

<i>PART#</i>	<i>PRODUCT DESCRIPTION</i>
MBG2200	1/2" - 2" Bolt Grips for 2" Machine
MBG241	1/8" -1/2" Bolt Grips for 3/4 Machine
MBG3111	1" 4 sided Bolt Grip for 1" & 1-1/4" Machine
MBG341	3/8" -1-1/2" Bolt Grips for 1-1/2" Machine
MBG4S150	1-1/2" Serrated 4 sided Bolt Grip 2"HandMach.

Parts for 3/4 " and 1"

<i>PART#</i>	<i>DESCRIPTION</i>
MH1JON64L	Jaw Op. Nut LH for 3/4 & 1" Machine
MH1JON65R	Jaw Op. Nut RH for 3/4 & 1" Machine
MH1VS69L	Vise Screw for Rt Hand Wheel for 3/4 & 1"
MH1VS69R	Vise Screw for Lt Hand Wheel for 3/4 & 1"
MH1VSTC70	Vise Screw Thrust Collar for 3/4 & 1" Machine
MH4VS69L	Vise Screw for Lt Hand Wheel for 3/4" Machine
MH4VS69R	Vise Screw for Rt Hand Wheel for 3/4" Machine

Parts for #1 Machine

<i>PART#</i>	<i>DESCRIPTION</i>
M1GRS78	Grip Retaining Screw for #1 Automatic
M1GSA164	Pipe Grip Spacer "A" for #1 Automatic
M1GSB164	Pipe Grip Spacer "B" for #1 Automatic
M1GSC164	Pipe Grip Spacer "C" for #1 Automatic
M1GSD164	Pipe Grip Spacer "D" for #1 Automatic
M1YSLN4LN	Yoke Screw Nylon Lock Nut for # 1 Automatic
MBWL1358	Bed Way Left Hand for # 1 Automatic
MBWR1359	Bed Way Right Hand for # 1 Automatic

Parts for #2 Machine

<i>PART#</i>	<i>SCHDPITCH</i>	<i>DESCRIPTION</i>
MCDSCR350		Cam Drive Safety Clutch Ring
MCPSCG144		Clutch Plunger Spring Guide
MCPSR150		Clutch Plunger Spring Rod
MLBI2195		Latch Block Insert
MPR355		Clutch Plunger Roller
MPRFP360		Spring Rod Fulcrum Pin
MPRP356		Clutch Roller Pin
MPSL2191		Plunger Safety Latch
MSCP352		Safety Clutch Plunger
MSCP5276		Safety Clutch Plunger Shaft
MSPCN141		Safety Clutch Plunger Nut
MYS010		10T Yoke Screw for # 2 Automatic
MYS016L		16T Lower Yoke Screw for # 2 Automatic
MYS016U		16T Upper Yoke Screw for #2 Automatic
MYSLN10	10 & 16T	Yoke Screw Lock Jam Nut for # 2 Automatic
MYSN010	10& 16T	Yoke Screw Jam Nut for # 2 Automatic

Parts for 1-1/4" and 1-1/2" Machine

<i>PART#</i>	<i>DESCRIPTION</i>
M1570	Leadscrew Nut for 1-1/2" - 2" Bolt Machine
MH3JON64L	Jaw Oper. Nut Left Hand for 1-1/4" & 1-1/2"
MH3JON65R	Jaw Oper. Nut Right Hand for 1-1/4" & 1-1/2"
MH3VS69	Vice Screw, Rt Hand Wheel O.D. Thread for
MH3VS69L	Vice Screw, Lt Hand Wheel O.D. Thread for
MH3VS69LS	Vice Screw, Lt Hand Wheel I.D. Thread for
MH3VS69S	Vice Screw, Rt Hand Wheel I.D. Thread for

Parts for 2 " Machine

<i>PART#</i>	<i>DESCRIPTION</i>
MHYSOS202	Yoke Screw for 2" Hand Machine 2" Head
MHYSNOS202	Yoke Screw Nut for 2" Hand Machine 2" Head

Reamer Blades - 6 per set

<i>PART#</i>	<i>SCHDPITCH DESCRIPTION</i>	
RB39677	Conduit	4" Sch. 40 +.020 40 deg. Reamer Blades 6p/s
RB39543	Sch. 40	3" 40 deg. Reamer Blade 6 p/set
RB39539	Sch. 40	2-1/2" 40 deg. Reamer Blade 6 p/set
RB39547	Sch. 40	3-1/2" 40 deg. Reamer Blades 6 p/set
RB42759	Sch. 40	5" Standard Pipe Reamer Blades 6 p/s
RB39559	Sch. 40	6" Std Pipe Reamer Blades 6p/s
RB49923	Sch. 80	6" XH Pipe Reamer Blades 6 p/s
RB49921	Sch. 80	5" XH Pipe Reamer Blades 6 p/s
RB42757	Sch. 40	4" Sch. 40 Reamer Blade 6p/s
RBC039674	Conduit	2-1/2" Mill Type Reamer Blades 6 p/set
RBC111865	Conduit	3" Mill Type Reamer Blades 6 p/set No Wings
RBC039676	Conduit	3-1/2" Mill Type Reamer Blades 6 p/set
RBC039677	Conduit	4" Mill Type Reamer Blades 6 p/set
RBC11186	Conduit	5" Mill Type Reamer Blades 6 p/set No Wings
RBC039673	Conduit	6" Mill Type Reamer Blades 6 p/set
RB39674	Conduit	2-1/2" Sch. 40 +.020 40 deg Reamer Blds 6p/s
RB39675	Conduit	3" Sch. 40 +.020 40 deg. Reamer Blades 6p/s
RB39676	Conduit	3-1/2" Sch.40 +.020 40 deg. Reamer Blds 6p/s
RB39678	Conduit	5" Sch. 40 +.020 40 deg. Reamer Blades 6p/s
RB39673	Conduit	6" Sch. 40 +.020 40 deg. Reamer Blades 6p/s
RBC039678	Conduit	5" Mill Type Reamer Blades 6 p/set
RBC039675	Conduit	3" Mill Type Reamer Blades 6 p/set
RBC111865W	Conduit	3" Mill Type Reamer Blades 6 p/s w/wings
RB40834	Sch. 80	2-1/2" XH Pipe Reamer Blades 6 p/s
RB408331	Sch. 80	3" XH Pipe Reamer Blades 6 p/s
RB396751	Sch. 40	3" Conduit Reamer Blades 40 deg w/.812 Wing

<i>PART#</i>	<i>SCHD PITCH DESCRIPTION</i>	
RB396752	Sch. 40	3" Conduit Reamer Blades 40 deg. w/.832 wing
RB396771	Sch. 40	4" Conduit Blades 40 deg 6 p/set .952 Wing
RB396741	Sch. 40	2-1/2" Cond. Reamer Blades 6 p/s +.040/wing
RB395431	Sch 40	3" Sch 40 Reamer Blades, 5deg clearance 6 p/
RB396772	Sch. 40	4" Conduit Blades 40 deg. 6 per set .053 Wing
RB408321	Sch. 80	4" EH Reamer Blades 40 Deg Chamfer 6 p/s 5
RB395391	Sch 40	2-1/2" Reamer Blades 6 p/s, 5 Deg Clearance
RB427571	Sch 40	4" Reamer Blades 6 p/s, 5 Deg Clearance
RB396781	Sch 40	5" Conduit Reamer Blades +.040 on start of wi
RB395391X	Sch 40	2-1/2" Reamer Blades, 6 p/set Hi Relief
RB396771TG	Sch 40	4" Conduit Reamer Blds w/Toncan Grind 6 p/se
RB396752TG	Sch 40	3" Cond. Reamer Blds w/Toncan Grind 6 p/set
RB396741TG	Sch 40	2-1/2" Cond. Reamer Blds w/Toncan Grind 6 p/
RB40835	Sch. 80	3-1/2" EH Reamer Blades 40 deg 6 per set

Reamer Blades - 4per set

<i>PART#</i>	<i>SCH</i>	<i>D PITCH DESCRIPTION</i>
RB250361	Conduit	3-1/2" Reamer Blades 40 deg+.020 4p/s BoltType
RB37451	Sch. 40	4" Std. Roller Cut Reamer Blades
RB37452	Sch. 40	2-1/2" Reamer Blades 4 per set Bolt Type
RB374521	40	2-1/2" Reamer Blades 4 p/set Bolt Type, +5 deg wing
RB37452S	Sch. 40	2-1/2" Reamer Blade Segment 4 p/set Bolt Type
RB37453	Sch. 40	3" Reamer Blades 40 deg +.020 4 p/s Bolt Type
RB37454	Sch. 40	3-1/2" Reamer Blds 40 deg +.020 4 p/s Bolt Type
RB5434663	Conduit	4" Conduit Reamer Blades 4 p/set Bolt Type
RBC30	Sch. 40	3" Conduit Mill Type Reamer Blades 4 per set
RBC4250S	Sch. 40	2-1/2" Conduit Reamer Blades 4 p/set 16TXX
RBC4300S	Sch. 40	3" Conduit Reamer Blades 4 p/set 16TXX
RBC4350S	Sch. 40	3-1/2" Conduit Reamer Blades 4 p/set 16TXX
RBC4400S	Sch. 40	4" Conduit Reamer Blades 4 p/set 16TXX
RBG0648	Sch. 80	3" EH Reamer Blades (4 per set) Bolt Type
RBG0649	Conduit	4" Conduit Reamer Blades (4 per set) Bolt Type
RBWJ1006C		3" RollerCut Reamer Blds 16TXX 4 p/s Bolt Type

Composite Reamers

<i>Product ID # Sch-Pitch Nose O.D.</i>			<i>Product Name</i>
RBH100			Blade Holder Adapter for 16TXX Die Head
RCC300			3" OD Chamfering Blade for 16TXX Die Head
RCC400			4" OD Chamfering Blade for 16TXX Die Head
RNC2500	Sch 40	2.490	2-1/2" Composite Nose Reamer
RNC2530	Sch 40	2.520	2-1/2" Conduit Nose Reamer
RNC300	Sch 40	3.006	3" Conduit Nose Reamer
RNC3.230	Sch 40	3.230	3.230 Conduit Nose Reamer
RNC400A	Sch 40	4.122	4" Conduit Nose Reamer +.015 Oversize
RNC400B	Sch 40	4.140	4" Conduit Nose Reamer +.030 Oversize
RCSS001			Clamping Shoulder Screw for Composite Reamer
RCSS005			Shortening Shim for Shoulder Screw .005
RCSS015			Shortening Shim for Shoulder Screw .015
RCSS032			Shortening Shim for Shoulder Screw .032

<i>Reamer # Sch. Chamfer Description</i>				<i>Nose Dia.</i>	<i>O.D. at Landis Chamfer No.</i>	
		<i>Angle</i>				
W-8431	Sch. 40	40	1/8" 40 deg. Chamfer Pipe Reamer	0.272	0.328	D26418
W-8476	Sch. 40		1/8" NO WINGS Pipe Reamer	0.272	0	13314
W-8477	Sch. 80		1/8" NO WINGS EH Pipe Reamer	0.217	0	15845
W-8478	Sch. 80	40	1/8" 40 deg. Chamfer EH Pipe Reamer	0.217	0.328	C31244
W-8597	Sch. 80	30	1/8" 30 deg. Chamfer EH Pipe Reamer	0.217	0.328	
W-8613	Sch. 40	30	1/8" 30 deg. Chamfer Pipe Reamer	0.272	0.328	
W-9235	Sch. 60	30	1/8" Spec. Nose Dia. 30 deg Chamfer Pipe Rea	0.245	0.327	
W-9334	Sch. 60	40	1/8" Spec. Nose .238 40 deg. Pipe Reamer*	0.238	0.327	
WG0400	Sch. 40	40	1/8" 40 deg. Chamfer +.010 O/S Reamer	0.282	0.338	
WG0736	Sch. 40		1/8" No Wing Pipe Reamer .277 Nose	0.277		

<i>Reamer # Sch. Chamfer Description</i>				<i>Nose Dia.</i>	<i>O.D. at Landis Chamfer No.</i>
		<i>Angle</i>			
MS8596	Sch. 80	30	1/4" Spec. Nose 30 deg. Chamfer Pipe Reamer	0.304	0.416
W-8376	Sch. 40	40	1/4" 40 deg. Chamfer Pipe Reamer	0.366	0.43 13315
W-8432	Sch. 80	40	1/4" 40 deg. Chamfer EH Pipe Reamer	0.304	0.416 15846
W-8591	Sch. 40	30	1/4" 30 deg. Chamfer Pipe Reamer	0.366	0.43
W-8596	Sch. 80	30	1/4" 30 deg. Chamfer EH Pipe Reamer	0.304	0.416
W-8606	Conduit	40	1/4" 40 deg Chamfer +.020 Pipe Reamer	0.386	4.3
W-9284	Sch. 60	30	1/4" Spec. Nose Dia. 30 deg Chamfer Pipe Rea	0.334	0.422
W-9558	Sch. 60	40	1/4" Spec. Nose Dia. 40 deg. Chamfer Pipe Re	0.335	0.423
W-9978	Sch. 40		1/4" Milled Type Nose	0.401	0.457 D134734
WG0189	Sch. 40	52	1/4" 52 deg. Chamfer Bevel Pipe Reamer	0.366	0.43
WG0190	Sch. 80	52	1/4" 52 deg. Chamfer Bevel Pipe Reamer	0.304	0.416
WG0260	Sch. 80	30	1/4" 30 degree Chamfer Special Nose	0.296	0.416
WG0261	Sch. 80	40	1/4" 40 deg x 30 degree Special	0.296	0.416
WG0432	Sch. 40	40	1/4" 40 deg. Chamfer +.010 O/S Reamer	0.377	0.43
WG0433	Sch. 40	40	1/4" 40 deg Chamfer +.015 O/S Reamer	0.382	0.43
WG0541	Sch. 40	35	1/4" Square Cut Reamer 35 deg. Chamfer	0.362	0.493
WG0588	Sch. 80		1/4" Sch. 80 Square Cut Reamer	0.299	0.493
WG0663	Sch. 40	40	1/4" 40 deg Chamfer Special Trip face	0.366	0.43
WG0844	Sch. 40	40	1/4" Sch 40 Left Hand Pipe Reamer, 40 deg	0.367	0.43

<i>Reamer #</i>	<i>Sch.</i>	<i>Chamfer Description</i>	<i>Nose Dia.</i>	<i>O.D. at Landis Chamfer No.</i>
		<i>Angle</i>		
W-8377	Sch. 40	40 3/8" 40 deg. Chamfer Pipe Reamer	0.496	0.565 13316
W-8552	Sch. 80	40 3/8" 40 deg. Chamfer EH Pipe Reamer	0.42	0.565 C15847
W-8594	Sch. 80	30 3/8" 30 deg. Chamfer EH Pipe Reamer	0.426	0.583
W-8607	Sch. 40	40 3/8" 40 deg. Chamfer .020 O/S Pipe Reamer	0.5	0.565
W-8638	Sch. 40	30 3/8" 30 deg. Chamfer Pipe Reamer	0.496	0.565
W-8956	Sch. 40	30 3/8" 30 deg. Chamfer. 020 O/S Pipe Reamer	0.516	0.565
W-9122	Sch. 80	30 3/8" 30 deg. Chamfer .015 O/S EH Pipe Reame	0.441	0.583
W-9123	Sch. 80	30 3/8" 30 deg. Chamfer .030 O/S EH Pipe Reame	0.456	0.583
W-9193	Sch. 40	30 3/8" 30 deg. Chamfer .015 O/S Pipe Reamer	0.511	0.572
W-9285	Sch. 60	30 3/8" Spec. Nose Dia. 30 deg Chamfer Pipe Rea	0.461	0.574
W-9559	Sch. 60	40 3/8" Spec. Nose Dia. 40 deg. Chamfer Pipe Re	0.462	0.575
WG0039	Sch. 40	40 3/8" 40 deg. Chamfer Nose dia. .481 Reamer	0.481	0.566
WG0191	Sch. 80	52 3/8" 52 deg. Chamfer Bevel Pipe Reamer	0.427	0.552
WG0192	Sch. 40	52 3/8" 52 deg. Chamfer Bevel Pipe Reamer	0.496	0.56
WG0555	Sch. 40	42 3/8" Square Cut Pipe Reamer 42 deg. Chamfer	0.493	0.628
WG0589	Sch. 80	3/8" Sch. 80 Square Cut Reamer	0.423	0.628
WG0595	Sch. 160	30 3/8" 30 deg. Chamfer Pipe Reamer	0.363	0.585
WG0845	Sch. 40	40 3/8" Sch 40 Left Hand Pipe Reamer, 40 deg	0.498	0.565
WG0853	Sch. 40	30 3/8" Sch 40 Reamer 30 deg Chamfer +.010 O/S		

<i>Reamer # Sch. Chamfer Description</i>				<i>Nose</i>	<i>O.D. at Landis</i>	
		<i>Angle</i>		<i>Dia.</i>	<i>Chamfer No.</i>	
W-7926	Sch. 40	40	1/2" 40 deg. Chamfer Pipe Reamer	0.623	0.72	C33479
W-8248	Sch. 40	40	1/2" 40 deg. Chamfer Pipe Reamer*	0.622	0.72	C33479
W-8464	Sch. 80	40	1/2" 40 deg. Chamfer EH Pipe Reamer	0.547	0.681	15848
W-8533	Conduit		1/2" Sch. 40 +.020 Pipe Reamer	0.642	0.694	
W-8589	Sch. 40	30	1/2" 30 deg. Chamfer .020 O/S Pipe Reamer	0.642	0.722	
W-8590	Sch. 40	30	1/2" 30 deg. Chamfer Pipe Reamer	0.622	0.72	
W-8595	Sch. 80	30	1/2" 30 deg. Chamfer EH Pipe Reamer	0.547	0.726	
W-8665	Coupling	15	1/2" Coupling Reamer, 15 deg Nose	0.856	0.918	
W-8703	Sch. 40	40	1/2" 40 deg. Chamfer Pipe Reamer 10T Head	0.62	0.694	
W-8705	Sch. 160	30	1/2" 30 deg. Chamfer Pipe Reamer	0.464	0.692	
W-8722	Sch. 40	40	1/2" 40 deg. Chamfer .035 O/S Pipe Reamer	0.657	0.72	
W-8754	Sch. 40	30	1/2" 30 deg. Chamfer .015 O/S Pipe Reamer	0.637	0.72	
W-8757	Sch. 40		1/2" Spec. Length Reamer Quad. Shrunk Pipe*	0.543	0.716	
W-8800	Sch. 80	30	1/2" 30 deg. Chamfer EH Pipe Reamer 10T He	0.547	0.722	
W-8801	Sch. 40	30	1/2" 30 deg. Chamfer Pipe Reamer 10T Head*	0.622	0.722	
W-8802	Conduit		1/2" Mill Type Pipe Reamer 10T Head	0.657	0	D58467
W-8803	Sch. 160	30	1/2" 30 deg. Chamfer Pipe Reamer 10T Head*	0.466	0.722	
W-8958	Coupling	25	1/2" Special Coupling Reamer, 25 deg Nose	0.88	0.95	
W-8971	Sch. 80	30	1/2" 30 deg. Chamfer .020 O/S EH Pipe Reame	0.567	0.701	
W-9005	XXEH	30	1/2" 30 deg. Chamfer Pipe Reamer	0.254	0.694	
W-9192	Sch. 80	30	1/2" 30 deg. Chamfer .015 O/S EH Pipe Reame	0.562	0.701	
W-9198	Coupling		1/2" Combination Reamer & Drill	0.857	0.919	
W-9295	IMC		1/2" Conduit Pipe Reamer	0.697	0.745	D119462
W-9316	Sch. 60	30	1/2" Spec. Nose Dia. 30 deg Chamfer Pipe Rea	0.583	0.719	
W-9577	Sch. 60	40	1/2" Spec. Nose Dia. 40 deg. Chamfer Pipe Re	0.584	0.694	
W-9735	Sch. 80	40	1/2" 40 deg. Chamfer .020 O/S Pipe Reamer	0.567	0.7	
W-9805	Sch. 40	30	1/2" 30 deg. Chamfer .020 O/S Pipe Reamer*	0.642	0.708	
W-9806	Sch. 80	30	1/2" 30 deg. Chamfer .020 O/S EH Pipe Reame	0.567	0.67	
W-9814	Sch. 40	30	1/2" 30 deg. Chamfer Special Nose Reamer	0.607	0.722	
W-9824	Sch. 40	30	1/2" 30 deg Chamfer Special Nose Reamer	0.612	0.722	
W-9826	Spec		1/2" Hose Fitting Reamer*	0.473	0.545	
W-9842	Sch. 40	25	1/2" 25 deg. Chamfer .020 O/S Pipe Reamer	0.642	0.722	
W-9922	Sch. 80	52	1/2" 52 deg. Chamfer Bevel Pipe Reamer	0.547	0.68	
W-9962	Sch. 40		1/2" Square Cut Reamer	0.617	0.77	
W-9984	Sch. 40		1/2" Special Reamer w/Clearance on Backland*	0	0	

<i>Reamer # Sch. Chamfer Description Angle</i>				<i>Nose Dia.</i>	<i>O.D. at Landis Chamfer No.</i>
W-9985	Sch. 40	40	1/2" 40 deg. Chamfer .630 Nose Pipe Reamer	0.63	0.695
WA3263	Sch 40		1/2" Mill Type Pipe Reamer	0.65	0.737
WA3301	Sch 40	40	1/2" Mill Type Reamer 40 deg chamfer	0.685	0.772
WGO013	Sch. 40	25	1/2" 25 deg. Chamfer +.018 O/S .640 Nose dia.	0.64	0.705
WG0088	Sch. 160	40	1/2" 40 deg. Chamfer Pipe Reamer	0.466	0.681
WG0123	Sch. 40	52	1/2" 52 deg. Chamfer Bevel Pipe Reamer	0.63	0.75
WG0163	Swage	40	1/2" Swaged 40 deg Chamfer Pipe Reamer	0.498	0.563
WG0209	Conduit		1/2" Nipple Reamer, Without Wings, 3/4" Body	0.683	0 D404839
WG0210	Conduit	40	1/2" 40 deg. Chamfer, 3/4" Body, Mill Type	0.683	0.748
WG0235	Sch. 40	40	1/2" 40 deg. Left Hand Pipe Reamer	0.63	0.694
WG0285	Sch. 80		1/2" Square Cut Nipple Pipe Reamer	0.543	0.796
WG0317	Sch. 160	30	1/2" 30 degree Chamfer +.020 O/S Reamer	0.487	0.695
WG0320	IMC		1/2" IMC Reamer for 10T Head	0.695	0.747 D119462
WG0321	Sch. 40	40	1/2" 40 deg. Chamfer +.020 O/S 16JN Head	0.643	0.695 D116497
WG0362	Coupling		1/2" Merchant Coupling Reamer	0.906	1.006
WG0428	Sch. 40	40	1/2" 40 deg. Chamfer +.015 O/S Reamer	0.638	0.695
WG0540		40	1/2" 40 deg. Chamfer .670 Nose for 10T	0.668	0.747
WG0542		45	1/2" Coupling Reamer 45 deg chamf +2 deg No	0.7	1.006
WG0609	Sch. 40	30	1/2" 30 deg. Chamfer +.030 Pipe Reamer	0.653	0.72
WG0640	Sch. 80	45	1/2" 45 deg. Chamfer 3 deg Neg. Back Off	0.605	0.78
WG0652	Conduit		1/2" Reamer 3/4" body .666 nose	0.666	0.75
WG0655	Sch. 40	40	1/2" 40 deg. Chamfer Reamer .721 Nose Diam	0.72	0.783
WG0679	Conduit		1/2" Special Conduit Pipe Reamer	0.591	0.73
WG0700	XXEH	40	1/2" 40 deg. Chamfer XXEH Pipe Reamer	0.255	0.695
WG0718	Sch. 40	30	1/2" 30 deg. Chamfer O/S Pipe Reamer +.040	0.622	0.702
WG0917	XXEH	40	1/2" XXEH Nipple Reamer 40 deg Chamfer +.0	0.275	0.694
WG0928	XXEH	40	1/2" XXEH Nipple Reamer 40 deg Chamfer +.0	0.29	0.694
WG0929	160	40	1/2" 160 Nipple Reamer 40 deg Chamfer +.035	0.502	0.694
WG1009	Sch. 40		1/2" Special Reamer- Custom Tubing Size		0.675
WG1044	Sch160	30	1/2" Sch 160 reamer 30 deg Chamfer	0.466	0.695
WG1200	Sch 160	52	1/2" Sch 160 Nipple Reamer 52 deg Bevel		

<i>Reamer #</i>	<i>Sch.</i>	<i>Chamfer Angle</i>	<i>Description</i>	<i>Nose Dia.</i>	<i>O.D. at Landis Chamfer No.</i>	
W-9747	Sch. 40	30	3/4" 30 deg. Chamfer .020 O/S Pipe Reamer 6T	0.846	0.946	
W-9807	Sch. 40	30	3/4" 30 deg. Chamfer .020 O/S Pipe Reamer	0.845	0.91	
W-9808	Sch. 80	30	3/4" 30 deg. Chamfer .020 O/S EH Pipe Reame	0.763	0.877	
W-9822	Sch. 40	40	3/4" 40 deg. Chamfer .030 O/S Reamer for 6T	0.855	0.946	
W-9827	Spec		3/4" Hose Fitting Reamer*	0.638	0.713	
W-9843	Sch. 40	25	3/4" 25 deg. Chamfer .030 O/S Pipe Reamer for	0.856	0.946	
W-9877	Sch. 40	40	3/4" 40 deg. Chamfer Nose Dia. .811 Pipe	0.811	0.93	
W-9893	Sch. 80	30	3/4" 30 deg. Chamfer +.035 O/S for 6T Head	0.778	0.946	
W-9906	Conduit		3/4" Conduit Mill Type Nipple Reamer	0.894	0.984	D13900
W-9923	Sch. 80	52	3/4" 52 deg. Chamfer Bevel Pipe Reamer	0.743	0.89	
W-9963	Sch. 40		3/4" Square Cut Reamer	0.817	0.958	
WA3274	Sch 40		3/4" Sch 40 Mill Type Reamer for 6T			
WA3304	Sch 40	40	3/4" Sch 40 Reamer 40 Deg +.045 O/S			
WG0125	Sch. 40	52	3/4" 52 deg. Chamfer Bevel Reamer	0.825	0.953	
WG0276	Sch. 40		3/4" Square Cut No Wings +.020 O/S Reamer	0.838	0	
WG0277	Sch. 40		3/4" Square Cut No Wings +.035 O/S Reamer	0.853	0	
WG0318	Sch. 160	30	3/4" 30 degree Chamfer +.020 O/S Reamer	0.635	0.91	
WG0322	Sch. 40	40	3/4" 40 deg. Chamfer +.020 O/S 16JN Head	0.845	0.91	
WG0395	Swage		3/4" Swaged Pipe Reamer for 6T Head	0.637	0.77	
WG0449	Sch. 40	40	3/4" 40 deg. Left Hand Reamer	0.826	0.932	
WG0460	Sch. 80		3/4" Sch. 80 Square Cut Pipe Reamer	0.738	1.001	
WG0639	Sch. 80	45	3/4" 45 deg. Chamfer 3 deg Neg. Back Off	0.802	0.99	
WG0657	Sch. 40	40	3/4" 40 deg. Chamfer Pipe Reamer .931 Nose	0.931	0.996	
WG0680	Conduit		3/4" Special Conduit Pipe Reamer	0.822	0.94	
WG0789	Sch. 40	40	3/4" Nipple Pipe Reamer 40 deg Chamfer+.015	0.84	0.91	
WG0828	Sch. 40	40	3/4" Nipple Pipe Reamer for 6T 40 Deg +.035	0.861	0.946	
WG0849	Sch. 40		3/4" Sch 40. Nipple Pipe Reamer +.020, .930 O	0.845	0.93	
WG0907	Sch. 80	52	3/4" Bevel Reamer 52 deg, Spec.Clearance	0.743	0.89	
WG0908	Sch. 40	52	3/4" Bevel Reamer 52 deg, Spec.Clearance	0.825	0.952	
WG0916	Sch. 40	40	3/4" Nipple Pipe Reamer 40 deg. Chamfer +.02	0.85	0.91	
WG0918	XXEH	40	3/4" XXEH Nipple Reamer 40 deg.Chamfer +.0	0.437	0.89	
WG0926	XXEH	40	3/4" Nipple Reamer 40 deg Chamfer +.035 O/S	0.452	0.89	
WG0927	160	40	3/4" Nipple Reamer 40 deg Chamfer +.035 O/S	0.65	0.89	
WG1026	Sch 40	52	3/4" Reamer for 6T Head 52 degree Chamfer	0.825	0.953	
WG1045	Sch. 80		3/4" EH Bevel Reamer for 6T	0.743	0.89	

<i>Reamer # Sch. Chamfer Description</i>				<i>Nose</i>	<i>O.D. at Landis</i>	
		<i>Angle</i>		<i>Dia.</i>	<i>Chamfer No.</i>	
W-8378	Sch. 40	40	3/4" 40 deg. Chamfer Pipe Reamer	0.826	0.932	C42178
W-8466	Sch. 80	40	3/4" 40 deg. Chamfer EH Pipe Reamer	0.743	0.89	C50549
W-8534	Conduit		3/4" Sch. 40 +.020 Pipe Reamer	0.845	0.91	
W-8541	Sch. 40	30	3/4" 30 deg. Chamfer Pipe Reamer	0.825	0.95	
W-8542	Sch. 40	30	3/4" 30 deg. Chamfer .020 O/S Pipe Reamer	0.845	0.89	
W-8561	Sch. 40	40	3/4" 40 deg. Chamfer .030 O/S Pipe Reamer	0.855	0.92	
W-8666	Coupling	15	3/4" Coupling Reamer 15 degree Nose	1.06	1.158	
W-8698	XXEH	40	3/4" 40 deg. Chamfer XXEH Pipe Reamer	0.436	0.89	
W-8699	Sch. 160	40	3/4" 40 deg. Chamfer Pipe Reamer	0.614	0.89	
W-8700	Sch. 80	30	3/4" 30 deg. Chamfer EH Pipe Reamer	0.741	0.908	
W-8706	Sch. 160	30	3/4" 30 deg. Chamfer Pipe Reamer 10T Head	0.612	0.908	
W-8711	Sch. 40	40	3/4" 40 deg. Chamfer .035 O/S Pipe Reamer	0.859	0.924	
W-8723	IMC		3/4" Conduit Pipe Reamer	0.909	0.948	D119463
W-8743	Sch. 40		3/4" NO WING Pipe Reamer	0.825	0	
W-8750	Sch. 40	40	3/4" 40 deg. Chamfer Pipe Reamer 6T Head	0.826	0.946	17133
W-8752	Sch. 80	30	3/4" 30 deg. Chamfer EH Pipe Reamer 6T Hea	0.741	0.908	
W-8792	Sch. 40	25	3/4" 25 deg. Chamfer Pipe Reamer*	0.825	0.89	
W-8799	Sch. 40	30	3/4" 30 deg. Chamfer Pipe Reamer 6T Head	0.825	0.952	
W-8891	Sch. 40	30	3/4" 30 deg. Chamfer. 030 O/S Pipe Reamer	0.855	0.915	
W-8947	Sch. 160	30	3/4" 30 deg. Chamfer Pipe Reamer 6T Head	0.614	0.91	
W-8985	Coupling	15	3/4" Reamer with 15 deg.& reaming nose .95	1.062	1.16	
W-9006	XXEH	30	3/4" 30 deg. Chamfer Pipe Reamer	0.436	0.89	
W-9114	Sch. 80	40	3/4" 40 deg. Chamfer EH Pipe Reamer 6T Hea	0.743	0.946	
W-9176	Sch. 80	30	3/4" 30 deg. Chamfer .015 O/S EH Pipe Reame	0.758	0.93	
W-9177	Sch. 80	30	3/4" 30 deg. Chamfer .030 O/S EH Pipe Reame	0.773	0.93	
W-9194	XXEH	30	3/4" 30 deg. Chamfer Pipe Reamer for 6T Head	0.435	0.909	
W-9238	Conduit		3/4" Sch. 40 + .020 Pipe Reamer for 6T Head	0.845	0.945	
W-9294	Sch. 40	30	3/4" 30 deg. Chamfer .030 O/S Pipe Reamer 6T	0.856	0.946	
W-9354	Sch. 40		3/4" Special Chamfer .020 O/S Pipe Reamer*	0.844	0.945	
W-9355	Sch. 80		3/4" Special Chamfer .020 O/S Pipe Reamer*	0.762	0.919	
W-9378	Sch. 60	30	3/4" Spec. Nose Dia. 30 deg. Chamfer Pipe Re	0.786	0.932	
W-9506	Conduit		3/4" Mill Type Pipe Reamer	0.89	0.985	
W-9679	Sch. 80	30	3/4" 30 deg. Chamfer .020 O/S Pipe Reamer*	0.763	0.93	
W-9686	Sch. 40	30	3/4" 30 deg. Chamfer .015 O/S Pipe Reamer	0.84	0.946	
W-9736	Sch. 80	40	3/4" 40 deg. Chamfer .020 O/S Pipe Reamer	0.763	0.93	

<i>Reamer # Sch. Chamfer Description</i>				<i>Nose O.D. at Landis</i>	
		<i>Angle</i>		<i>Dia.</i>	<i>Chamfer No.</i>
WG1105	Sch. 40	30	3/4" Nipple Reamer 30 deg Chamfer Spec nose	0.846	0.946
WG1140	Sch. 160	40	3/4" Sch 160 for 6T Head 40 deg Chamfer	0.615	0.89
WG1172	XXEH	40	3/4" XXEH Pipe Reamer 40 Deg Chamfer	0.437	0.946
WG1198	Sch 40	35	3/4" Nipple Pipe Reamer 35 deg Chamfer +.015		

<i>Reamer #</i>	<i>Sch.</i>	<i>Chamfer Angle</i>	<i>Description</i>	<i>Nose Dia.</i>	<i>O.D. at Landis Chamfer No.</i>
F0002	Sch 40	50	1" Sch 40 reamer 30 - 50 deg special		
W-8379	Sch. 40	40	1" 40 deg. Chamfer Pipe Reamer	1.062	1.166 C33480
W-8470	Sch. 80	40	1" 40 deg. Chamfer EH Pipe Reamer	0.958	1.12 19931
W-8535	Conduit		1" Sch. 40 +.020 Pipe Reamer	1.07	1.122
W-8592	Sch. 40	30	1" 30 deg. Chamfer Pipe Reamer	1.05	1.141
W-8624	Sch. 40	40	1" 40 deg. Chamfer .035 O/S Pipe Reamer	1.083	1.13
W-8643	Sch. 80	30	1" 30 deg. Chamfer EH Pipe Reamer	0.956	1.152
W-8667	Coupling	15	1" Coupling Reamer 15 degree Nose	1.335	1.433
W-8684	Sch. 40	30	1" 30 deg. Chamfer. 015 O/S Pipe Reamer	1.063	1.141
W-8692	XXEH	40	1" 40 deg. Chamfer XXEH Pipe Reamer	0.602	1.123
W-8693	Sch. 160	40	1" Sch. 160, 40 deg. Chamfer Pipe Reamer	0.817	1.122
W-8707	Sch. 160	30	1" 30 deg. Chamfer Pipe Reamer	0.815	1.14
W-8744	Sch. 40		1" NO WING Pipe Reamer	1.051	0
W-8913	Sch. 80	30	1" 30 deg. Chamfer .020 O/S EH Pipe Reamer	0.978	1.12
W-9007	XXEH	30	1" 30 deg. Chamfer Pipe Reamer	0.601	1.122
W-9017	Conduit		1" Mill Type Pipe Reamer	1.101	1.211 D58469
W-9168	Sch. 80	30	1" 30 deg. Chamfer .030 O/S EH Pipe Reamer	0.988	1.12
W-9197	Sch. 40	30	1" 30 deg. Chamfer .030 O/S Pipe Reamer	1.078	1.141
W-9203	Sch. 40	40	1" 40 deg. Chamfer .030 O/S Pipe Reamer	1.08	1.143
W-9204	Sch. 80	30	1" 30 deg. Chamfer .015 O/S EH Pipe Reamer	0.973	1.12
W-9210	Sch. 80	40	1" Spec. 40 deg. Chamfer Pipe Reamer*	0.958	1.058
W-9211	Sch. 160	40	1" Spec. 40 deg. Chamfer Pipe Reamer*	0.817	1.058
W-9237	Sch. 80	40	1" Spec. 40 deg. Chamfer Pipe Reamer*	0.958	1.078
W-9297	IMC		1" Conduit Pipe Reamer	1.148	1.202 D119464
W-9379	Sch. 60	30	1" Spec. Nose Dia. 30 deg. Chamfer Pipe Rea	1.006	1.146
W-9460	Sch. 40	30	1" 30 deg. Chamfer .040 O/S Pipe Reamer	1.09	1.153
W-9473	Sch. 80	40	1" 40 deg. Spec. Nose EH Pipe Reamer*	0.91	1.155
W-9510	Sch. 40	40	1" 40 deg. .015 O/S Pipe Reamer	1.065	1.143
W-9637	XL-40	40	1" 40 deg. Chamfer Pipe Reamer	1.116	1.183
W-9671	Sch. 80	40	1" 40 deg. Chamfer .015 O/S Pipe Reamer	0.973	1.12
W-9690	Sch. 40	30	1" 30 deg. Chamfer .020 O/S Pipe Reamer	1.07	1.152
W-9737	Sch. 80	40	1" 40 deg. Chamfer .020 O/S Pipe Reamer	0.978	1.144
W-9766	Sch. 40	52	1" 52 deg. Chamfer Bevel Pipe Reamer	1.05	1
W-9809	Sch. 40	30	1" 30 deg. Chamfer .020 O/S Pipe Reamer	1.07	1.335
W-9810	Sch. 80	30	1" 30 deg. Chamfer .020 O/S EH Pipe Reamer	0.978	1.104

<i>Reamer # Sch. Chamfer Description Angle</i>				<i>Nose Dia.</i>	<i>O.D. at Landis Chamfer No.</i>	
W-9812	Sch. 80	40	1" 40 deg. Chamfer .030 O/S EH Pipe Reamer	0.988	1.143	
W-9818	Sch. 30	40	1" 40 deg. Chamfer Pipe Reamer	1.092	1.183	
W-9828	Swage	40	1" Swaged Nipple Reamer 40 deg Chamfer	0.84	0.926	
W-9907	Conduit		1" Milled Type Pipe Reamer	1.118	1.244	OD013871
W-9925	Sch. 40		1" Square Cut Pipe Reamer	1.074	1.263	
W-9992	Coupling	40	1" Sch. 40, 40 deg. Merchant Coupling Reamer	1.173	1.515	
WA3326	Sch 40		1" Mill Type Reamer for 10T No Wings			
WG0040	Sch. 40	40	1" 40 deg. Chamfer Nose dia. 1.040 Pipe Ream	1.041	1.144	
WG0122	Sch. 80	52	1" 52 deg. Chamfer Bevel Pipe Reamer	0.958	1.078	
WG0247	Sch. 40	55	1" 55 deg. Chamfer Pipe Reamer for 6T	1.05	1.165	
WG0284	Sch. 160	30	1" 30 deg. Chamfer +.020 O/S Pipe Reamer	0.838	1.143	
WG0323	Sch. 40		1" Nipple Reamer+.020 O/S 16JN Head	1.071	1.123	D116498
WG0450	Sch. 40	40	1" 40 deg. Left Hand Reamer	1.062	1.166	
WG0461	Sch. 80		1" Sch. 80 Square Cut Pipe Reamer	0.954	1.262	
WG0606	Sch. 40	40	1" 40 deg. Chamfer, Nose Dia. 1.048	1.048	1.165	
WG0626	Sch. 40	40	1" 40 deg. Chamfer	1.05	1.165	
WG0638	Sch. 80	45	1" 45 deg. Chamfer 3 deg Neg. Back Off	1.016	1.255	
WG0653	Conduit		1" Sch. 40 Conduit (W-8535 with 1/4" tapped h	1.07	1.122	
WG0665	Sch. 40	40	1" 40 deg. Chamfer Reamer for 6T Head	1.048	1.12	C50060
WG0681	Conduit		1" Special Conduit Pipe Reamer	1.06	1.164	
WG0688	Sch. 40	40	1" Pipe Reamer 40 deg Chamfer Special Nose	1.058	1.166	
WG0799	Sch. 40	30	1" 30 deg Chamfer Pipe Reamer for 6T Head	1.05	1.144	
WG0841	Special		1" Pipe Reamer, No Wings for 6T Head	0.912		
WG0842	Special		1-1/8" Pipe Reamer No Wings for 6T Head	1.031		
WG0866	Sch. 40	40	1" Sch 40 Reamer +.050 O/S, 40 deg Chamfer	1.103	1.141	
WG0869	Sch. 40		1" Sch 40 Nipple Pipe Reamer +.045 O/S	1.098	1.141	
WG0885	Sch. 40		1" Nipple Pipe Reamer No Wings, with tapped h	1.062		
WG0894	Sch. 40	40	1" Nipple Pipe Reamer 40 deg Chamfer +.025	1.076	1.143	
WG0909	Sch. 40	35	1" Mill Type Conduit Reamer 35 deg Chamfer	1.1	1.171	
WG0914			1" Anvil Style Reamer (WG0751) +.010 O/S	1.07	1.164	
WG0924	XXEH	40	1" Nipple Reamer 40 deg Chamfer +.035 O/S	0.637	1.122	
WG0925	160	40	1" Nipple Reamer 40 deg Chamfer +.035 O/S	0.853	1.122	
WG0950	Sch. 40	40	1" 40 Deg. Chamfer Pipe Reamer +.040 O/S	1.091	1.143	
WG1038	Sch 160	30	1" Nipple Reamer 30 deg Chamfer	0.818	1.122	
WG1053	Sch. 160	40	1" Nipple Pipe reamer 40 deg +.020 O/S	0.838	1.122	

<i>Reamer # Sch. Chamfer Description</i>				<i>Nose O.D. at Landis</i>	
		<i>Angle</i>		<i>Dia.</i>	<i>Chamfer No.</i>
WG1055	Sch. 160	40	1" Sch 80 reamer for 6T Head 40 deg chamfer	0.958	1.122
WG1131	Sch. 40	35	1" Mill Type Reamer 35 Deg Chamfer +.056 0/	1.185	1.21
WG1148	Sch 80	40	1" EH Mill Type Pipe Reamer 40 deg Chamfer	0.997	1.122
WG1180	Sch 40L	40	1" Left Hand Sch 40 Reamer 40 deg +.020 O/S	1.071	1.143

<i>Reamer # Sch. Chamfer Description</i>				<i>Nose Dia.</i>	<i>O.D. at Landis Chamfer No.</i>	
		<i>Angle</i>				
W-8452	Sch. 40	40	1-1/4" 40 deg. Chamfer .030 O/S Pipe Reamer	1.41	1.464	
W-8472	Sch. 40	40	1-1/4" 40 deg. Chamfer Pipe Reamer	1.381	1.463	19773
W-8473	Sch. 80	40	1-1/4" 40 deg. Chamfer EH Pipe Reamer	1.279	1.463	19932
W-8536	Sch. Con		1-1/4" Sch. 40 +.020 Pipe Reamer	1.403	1.463	
W-8593	Sch. 40	30	1-1/4" 30 deg. Chamfer Pipe Reamer	1.381	1.483	
W-8668	Coupling	15	1-1/4" Coupling Reamer 15 degree Nose	1.68	1.788	
W-8696	XXEH	40	1-1/4" 40 deg. Chamfer XXEH Pipe Reamer	0.899	1.463	
W-8697	Sch. 160	40	1-1/4" 40 deg. Chamfer Pipe Reamer	1.163	1.463	
W-8713	Sch. 40	40	1-1/4" 40 deg. Chamfer .035 O/S Pipe Reamer	1.435	1.522	
W-8725	Sch. 80	30	1-1/4" 30 deg. Chamfer EH Pipe Reamer	1.277	1.481	
W-8736	Sch. 40	30	1-1/4" 30 deg. Chamfer .030 O/S Pipe Reamer	1.408	1.511	
W-8745	Sch. 40		1-1/4" NO WING Pipe Reamer	1.381	0	
W-8755	Sch. 40	30	1-1/4" 30 deg. Chamfer .020 O/S Pipe Reamer	1.403	1.511	
W-8919	Sch. 80	30	1-1/4" 30 deg. Chamfer.020 O/S EH Pipe Ream	1.299	1.483	
W-9190	Sch. 160	30	1-1/4" 30 deg. Chamfer Pipe Reamer	1.162	1.483	
W-9191	XXEH	30	1-1/4" 30 deg. Chamfer Pipe Reamer	0.898	1.483	
W-9298	IMC		1-1/4" Conduit Pipe Reamer	1.498	1.552	D119465
W-9356	Sch. 40	30	1-1/4" 30 deg. Chamfer .015 O/S Pipe Reamer	1.394	1.512	
W-9507	Conduit		1-1/4" Mill Type Pipe Reamer	1.451	1.596	
W-9638	XL-40	40	1-1/4" 40 deg. Chamfer Pipe Reamer	1.466	1.534	
W-9683	Sch. 80	30	1-1/4" 30 deg. Chamfer .030 O/S Pipe Reamer	1.309	1.483	
W-9687	Sch. 40	40	1-1/4" 40 deg. Chamfer .015 O/S Pipe Reamer	1.395	1.483	
W-9738	Sch. 80	40	1-1/4" 40 deg. Chamfer .020 O/S Pipe Reamer	1.299	1.483	
W-9819	Sch. 30	40	1-1/4" 40 deg. Chamfer Pipe Reamer	1.427	1.534	
W-9874	Sch. 40-L	30	1-1/4" 30 deg. Chamfer Left Hand Pipe Reamer	1.381	1.483	
W-9924	Sch. 40	52	1-1/4" 52 deg. Chamfer Bevel Pipe Reamer	1.381	1.485	
W-9926	Sch. 40		1-1/4" Square Cut Pipe Reamer	1.39	1.612	
WA3279	Sch40	40	1-1/4" Sch 40 reamer 40 deg W/-.020 on nose			
WA3288	Sch 40		1" Sch 40 Reamer w/coolant holes -.010 US			
WA3289	Sch 40		1" Sch 40 reamer w/coolant holes +.015 OS			
WA3290	Sch 40		1" Sch 40 Reamer w/coolant holes +.040 OS			
WG0043	Sch. 40	40	1-1/4" 40 deg Chamfer +.040 Reamer	1.42	1.483	
WG0127	Sch. 80	52	1-1/4" 52 deg. Chamfer Bevel Pipe Reamer	1.279	1.399	
WG0324	Sch. 40		1-1/4" Nipple Reamer +.020 O/S 16JN Head	1.401	1.463	D116480
WG0387	Coupling		1-1/4" Merchant Coupling Reamer	1.478	1.85	

<i>Reamer #</i>	<i>Sch.</i>	<i>Chamfer Description Angle</i>	<i>Nose Dia.</i>	<i>O.D. at Landis Chamfer No.</i>
WG0462	Sch. 80	1-1/4" Sch. 80 Square Cut Pipe Reamer	1.274	1.612
WG0521	Conduit	1-1/4" Conduit Coupling Reamer	1.558	2.179
WG0646	Sch. 40	35 1-1/4" 35 deg. Chamfer +.070 Pipe Reamer	1.451	1.596
WG0674	Sch. 40	40 1-1/4" 40 deg. Reamer +.020 with 1/4" Tapped	1.401	1.463
WG0870	Sch. 40	1-1/4" Sch 40 Nipple Pipe Reamer +.045 O/S	1.427	1.481
WG0883	Sch. 40	40 1-1/4" Nipple Pipe Reamer 40 deg +.055 O/S	1.435	1.483
WG0930		1-1/4" Anvil Type Reamer +.010 O/S	1.374	1.5
WG0933	Sch 40 -	40 1-1/4" Left Hand Pipe Reamer 40 deg Chamfer	1.38	1.483
WG1046	Conduit	1-1/2" Mill Type Reamer for 16KK Turned Down		
WG1142	Sch. 40	1" Sch 40 Pipe Reamer 3/8" 16P tapped nose b	1.091	1.143
WG1143	Sch. 40	1-1/4" Sch 40 Reamer 3/8" 16P Tapped hole bo	1.425	1.483
WG1179	Sch. 40L	40 1-1/4" Left Hand Reamer 40 deg +.020 O/S	1.4	1.483
WG1201	Sch. 40	40 1-1/4" 40 deg chamfer w/40 deg I.D. chamfer a		
WT0043	Sch. 40	40 1-1/4" 40 deg. Chamfer +.040 Pipe Reamer	1.42	1.483
WT8472	Sch. 40	40 1-1/4" 40 deg. Chamfer Pipe Reamer	1.279	1.463
WT8725	Sch. 80	30 1-1/4" 30 deg. Chamfer Pipe Reamer	1.277	1.482
WT9507	Conduit	1-1/4" Conduit Mill Type Pipe Reamer	1.451	1.166
WTI104	Sch. 40	35 1-1/4" 35 deg. Chamfer +.070 Pipe Reamer	1.451	1.596
WTI110	Sch. 40	30 1-1/4" 30 deg. Chamfer +.040 Pipe Reamer	1.42	1.482
WTI116	Sch. 40	1-1/4" No Wings Reamer with 1/2" Tapped Hole	1.381	0
WTI120	Sch. 40	30 1-1/4" Spec. 30 deg. I.D. Chamfer Reamer	1.38	1.48

<i>Reamer # Sch. Chamfer Description</i>			<i>Nose Dia.</i>	<i>O.D. at Landis Chamfer No.</i>
		<i>Angle</i>		
W-7837	Sch. 40	40	1-1/2" Spec.Length Pipe Reamer 40 deg Chamf	1.683 1.825
W-7956	Sch. 40	40	1-1/2" 40 deg. Chamfer Pipe Reamer	1.612 1.706 13312
W-8474	Sch. 80	40	1-1/2" 40 deg. Chamfer EH Pipe Reamer	1.501 1.703 15852
W-8537	Conduit		1-1/2" Sch. 40 +.020 Pipe Reamer	1.632 1.706
W-8644	Sch. 80	30	1-1/2" 30 deg. Chamfer EH Pipe Reamer	1.501 1.741
W-8669	Coupling	15	1-1/2" Coupling Reamer 15 degree Nose	1.91 2.062
W-8690	XXEH	40	1-1/2" 40 deg. Chamfer XXEH Pipe Reamer	1.103 1.707
W-8691	Sch. 160	40	1-1/2" 40 deg. Chamfer Pipe Reamer	1.341 1.707
W-8708	Sch. 160	30	1-1/2" 30 deg. Chamfer Pipe Reamer	1.338 1.739
W-8714	Sch. 40	40	1-1/2" 40 deg. Chamfer .035 O/S Pipe Reamer	1.655 1.732
W-8733	Sch. 40	30	1-1/2" 30 deg. Chamfer Pipe Reamer	1.609 1.741
W-8746	Sch. 40		1-1/2" NO WING Pipe Reamer	1.613 0
W-8866	Sch. 40	30	1-1/2" 30 deg. Chamfer.030 O/S Pipe Reamer	1.639 1.732
W-8890	IMC		1-1/2" Conduit Pipe Reamer	1.733 1.779 D119466
W-8920	Sch. 80	30	1-1/2" 30 deg. Chamfer.020 O/S EH Pipe Ream	1.521 1.743
W-9155	XXEH	30	1-1/2" 30 deg. Chamfer Pipe Reamer	1.102 1.743
W-9167	Sch. 80	30	1-1/2" 30 deg. Chamfer.030 O/S EH Pipe Ream	1.531 1.743
W-9212	Sch. 40	30	1-1/2" 30 deg. Chamfer Pipe Reamer for 16JN	1.611 1.743
W-9233	Conduit		1-1/2" Mill Type Pipe Reamer	1.672 1.795 D58471
W-9353	Sch. 40	40	1-1/2" 40 deg. Chamfer .030 O/S Pipe Reamer	1.64 1.733
W-9639	XL-40	40	1-1/2" 40 deg. Chamfer Pipe Reamer	1.699 1.767
W-9684	Sch. 40	30	1-1/2" 30 deg. Chamfer .020 O/S Pipe Reamer	1.631 1.763
W-9695	Sch. 40	40	1-1/2" 40 deg. Chamfer .015 O/S Pipe Reamer	1.622 1.706
W-9721	Sch. 40	30	1-1/2" 30 deg. Chamfer .015 O/S Pipe Reamer	1.622 1.743
W-9724	Sch. 40	30	1-1/2" Spec. OD 30 deg. Chamfer Pipe Reamer	1.611 1.743
W-9725	Sch. 80	30	1-1/2" Spec OD, 30 deg for 16JNKK Landex	1.501 1.743
W-9739	Sch. 80	40	1-1/2" 40 deg. Chamfer .020 O/S Pipe Reamer	1.521 1.743
W-9767	Sch. 40	52	1-1/2" 52 deg. Chamfer Bevel Pipe Reamer	1.611 1.731
W-9820	Sch. 30	40	1-1/2" 40 deg. Chamfer Pipe Reamer	1.657 1.767
W-9964	Sch. 40		1-1/2" Square Cut Reamer	1.632 1.819
WG0110	Sch. 40	40	1-1/2" 40 deg. Chamfer Pipe Reamer for 16KK	1.611 1.706
WG0111	Sch. 80	40	1-1/2" 40 deg. Chamfer Pipe Reamer for 16JNK	1.501 1.706
WG0128	Sch. 80	52	1-1/2" 52 deg. Chamfer Bevel Pipe Reamer	1.501 1.621
WG0325	Sch. 40		1-1/2" Nipple Reamer +.020 O/S 16JN Head	1.638 1.707 D40578
WG0349	Swage	40	1-1/2" Swaged 40 deg Chamfer Pipe Reamer	1.39 1.612

<i>Reamer #</i>	<i>Sch.</i>	<i>Chamfer Angle</i>	<i>Description</i>	<i>Nose Dia.</i>	<i>O.D. at Landis Chamfer No.</i>
WG0391	Sch. 40	40	1-1/2" 40 deg. Chamfer+.030 for 16KK	1.641	1.734
WG0463	Sch. 80		1-1/2" Sch. 80 Square Cut Pipe Reamer	1.497	1.85
WG0510	Sch. 40	30	1-1/2" 30 deg. Reamer +.030 for 16KK	1.641	1.734
WG0673	Sch. 40	40	1-1/2" 40 Deg. Reamer +.020 with 1/4" tapped h	1.632	1.706
WG0714	Sch. 40	30	1-1/2" 30 deg. Chamfer O/S Pipe Reamer +.05	1.667	1.743
WG0865	Sch. 40	40	1-1/2" Sch. 40 Reamer for 16KK, +.040 O/S 40	1.653	1.732
WG0878	Sch. 80	3	1-1/2" Special 3 deg Neg. Back Off EH Pipe Re	1.56	1.84
WG0881	Sch. 30		1-1/2" Sch 30 Turned Down Reamer, 3/8" tappe	1.658	1.767
WG0896	Sch. 40	40	1-1/2" Nipple Reamer 40 deg. Chamfer+.045 O	1.656	1.734
WG0899	Sch. 40	30	1-1/2" Pipe Reamer 30 Deg Chamfer +.040 O/S	1.651	1.734
WG0915			1-1/2" Anvil Style Reamer (WG0772) +.010 O/S	1.606	1.748
WG0934	Sch. 40 -	40	1-1/2" Left Hand 40 deg Chamfer Pipe Reamer	1.611	1.734
WG0953	Sch. 40	40	1-1/2" Turned down Reamer 40 Deg Chamf+.0	1.667	1.734
WG0956	Sch. 40		1-1/2" Reamer for 16K, Turned Down, 3/8" Tap	1.611	1.734
WG1144	Sch 40		1-1/2" Sch 40 Reamer 1/2" 13P tapped hole bor	1.631	1.763
WG1160	Sch. 40		1-1/2" Reamer with 3/8"-16P thru hole Tapped	1.611	1.743
WG1177	Sch. 40L	40	1-1/2" Left Hand Reamer 40 deg +.020 O/S	1.631	1.734
WG1183	Sch. 80	30	1-1/2" Sch 80 - 30 deg +.030 for 16JNK		
WG1184	Sch 40	40	1-1/2" Sch 40 - 40 deg +.020 for 16JNK		
WT7956	Sch. 40	40	1-1/2" 40 deg. Chamfer Pipe Reamer	1.613	1.707
WT8474	Sch. 80	40	1-1/2" 40 deg. Chamfer Pipe Reamer	1.501	1.703
WT8537	Sch. 40	40	1-1/2" 40 deg. Chamfer +.020 O/S Pipe Reame	1.632	1.706
WT9233	Conduit		1-1/2" Mill Type Reamer	1.672	1.795
WTI105	Sch. 40	35	1-1/2" 35 deg. Chamfer +.060 Pipe Reamer	1.672	1.795
WTI111	Sch. 40	30	1-1/2" 30 deg. Chamfer +.040 Pipe Reamer	1.652	1.742
WTI117	Sch. 40		1-1/2" No Wings Reamer with 1/2" Tapped Hole	1.612	0

<i>Reamer #</i>	<i>Sch.</i>	<i>Chamfer Angle</i>	<i>Description</i>	<i>Nose Dia.</i>	<i>O.D. at Landis Chamfer No.</i>	
F0001	Sch 40	50	2" Sch 40 30 - 50 deg Chamfered Reamers			
W-7897	Sch. 40	40	2" 40 deg. Chamfer Pipe Reamer	2.067	2.174	13313
W-8524	Sch. 40	40	2" 40 Deg. Chamfer .030 O/S Pipe Reamer	2.097	2.174	
W-8538	Conduit		2" Sch. 40 +.020 Pipe Reamer	2.087	2.174	OD000835
W-8544	Sch. 80	40	2" 40 deg Chamfer EH Pipe Reamer	1.941	2.174	15853
W-8565	Sch. 80	30	2" 30 deg. Chamfer EH Pipe Reamer	1.939	2.174	
W-8645	Sch. 40	30	2" 30 deg. Chamfer .030 O/S Pipe Reamer	2.097	2.212	C52848
W-8685	Sch. 40	30	2" 30 deg. Chamfer Pipe Reamer	2.067	2.212	
W-8688	XXEH	40	2" 40 deg. Chamfer XXEH Pipe Reamer	1.505	2.174	
W-8689	Sch. 160	40	2" 40 deg. Chamfer Pipe Reamer	1.69	2.175	
W-8709	Sch. 160	30	2" 30 deg. Chamfer Pipe Reamer	1.687	2.192	
W-8715	Sch. 40	40	2" 40 deg. Chamfer .035 O/S Pipe Reamer	2.123	2.222	
W-8724	Coupling		2" Conduit Coupling Reamers	2.395	2.555	
W-8747	Sch. 40		2" NO WING Pipe Reamer	2.07	0	
W-8921	Sch. 80	30	2" 30 deg. Chamfer. 020 O/S EH Pipe Reamer	1.961	2.174	
W-8948	XXEH	30	2" 30 deg. Chamfer Pipe Reamer	1.503	2.172	
W-9111	Sch. 80	30	2" 30 deg. Chamfer .030 O/S EH Pipe Reamer	1.971	2.174	
W-9234	Conduit		2" Mill Type Pipe Reamer	2.138	2.301	D58472
W-9339	IMC		2" Conduit Pipe Reamer	2.198	2.267	D119467
W-9341	Sch. 40	30	2" 30 deg. Chamfer .015 O/S Pipe Reamer	2.083	2.213	
W-9509	Sch. 40	40	2" 40 deg. .015 O/S Pipe Reamer	2.084	2.214	C52848
W-9640	XL-40	40	2" 40 deg. Chamfer Pipe Reamer	2.16	2.23	
W-9685	Sch. 40	30	2" 30 deg. Chamfer .020 O/S Pipe Reamer	2.084	2.215	
W-9726	Sch. 40	30	2" Spec. OD 30 deg. Chamfer Pipe Reamer 16	2.069	2.214	
W-9727	Sch. 80	30	2" 30 deg. Chamfer Pipe Reamer 16KK	1.939	2.174	
W-9740	Sch. 80	40	2" 40 deg. Chamfer .020 O/S Pipe Reamer	1.961	2.175	
W-9765	Sch 40	42	2" Sch 40 Reamer 42 deg w/cut end			
W-9768	Sch. 40	52	2" 52 deg. Chamfer Bevel Pipe Reamer	2.07	2.215	
W-9821	Sch. 30	40	2" 40 deg. Chamfer Pipe Reamer	2.122	2.23	
W-9875	Sch. 40	40	2" 40 deg. Chamfer +.030 Pipe Reamer for 16K	2.099	2.215	
W-9965	Sch. 40		2" Square Cut Pipe Reamer	2.102	2.254	
WA3281	Sch 40		2" Mill Type Turned Down Reamer for 16JNK			
WG0042	Sch. 40	40	2" 40 deg. Chamfer +.040 Pipe Reamer	2.11	2.215	
WG0126	Sch. 80	52	2" 52 deg. Chamfer Bevel Reamer	1.942	2.086	
WG0326	Sch. 40	40	2" Nipple Reamer 40 deg +.020 O/S 16JN Head	2.09	2.175	D112118

<i>Reamer #</i>	<i>Sch.</i>	<i>Chamfer Angle</i>	<i>Description</i>	<i>Nose Dia.</i>	<i>O.D. at Landis Chamfer No.</i>
WG0392	Sch. 40	40	2" 40 deg. Chamfer Reamer for 16KK	2.069	2.215
WG0464	Sch. 80		2" Sch. 80 Square Cut Pipe Reamer	1.937	2.303
WG0590	Sch 40	30	2" Sch 40 Mill Type reamer 30 deg Chamfer		
WG0672	Sch. 40	40	2" 40 Deg. Chamfer +.020 Reamer w/tapped ho	2.089	2.174
WG0678	Sch. 40	30	2" Pipe Reamer 30 deg. Chamfer +.056 on Nos ■	2.125	2.214
WG0850	Sch. 40	30	2" 30 deg. Chamfer Pipe Reamer +.040 O/S	2.11	2.215
WG0854	Sch. 40	40	2" Sch 40 Reamer for 16JJK 40 Deg +.040	2.11	2.215
WG0855	Sch. 40	40	2" Sch 40 Reamer for 16KK 40 deg +.045	2.115	2.215
WG0872	Sch. 40		2" Sch. 40 Nipple Pipe Reamer+.045 O/S	2.117	2.212
WG0875	Sch. 40	40	2" 40 deg Chamfer +.030 for 16K with spec Star	2.1	2.244
WG0880	Sch. 30		2" Sch 30 Turned Down Reamer, 3/8"tapped ho	2.123	2.23
WG0895	Sch. 40	40	2" Reamer 40 Deg Chamfer +.050 O/S for 16JN	2.12	2.214
WG0904	LH-Sch 4	40	2" Left Hand Reamer 40 deg. Chamfer +.030 O/	2.1	2.214
WG0906	Sch. 40	52	2" Bevel Reamer 52 deg, Spec.Clearance	2.07	2.214
WG0913			2" Anvil Style reamer (WG0733) +.010 O/S	2.092	2.221
WG0922	XXEH	40	2" Nipple Reamer 40 deg Chamfer +.035 O/S	1.541	2.174
WG0923	160	40	2" Nipple Reamer 40 deg Chamfer +.035 O/S	1.725	2.174
WG0931	Sch. 80		2" Nipple Reamer for 16JNK(turned down) +.03	1.972	2.174
WG0935	Sch. 40 -	40	2" Left Hand Pipe Reamer 40 deg Chamfer	2.07	2.214
WG0999	Conduit		2" Milled Type reamer for 16JNK (Turned Down	2.138	2.302
WG1141	Sch 80	40	2" Sch 80 Mill Type Reamer 40 deg. Chamfer	1.98	2.27
WG1145	Sch. 40		2" Sch 40 Pipe Reamer 1/2" 13P Tapped hole b	2.141	2.274
WG1150	Sch. 80	25	2" EH Nipple Reamer 25 deg Chamfer	1.942	2.174
WG1161	Sch. 40		2" Reamer with 3/8" -16P Thru hole Tapped No	2.065	2.138
WG1178	Sch. 40L	40	2" Left Hand Reamer 40 deg +.020 O/S	2.09	2.214
WG1181	Sch. 40	40	2" Sch 40 Reamer 40 deg for 16JNK +.020 O/S	2.09	2.215
WT7897	Sch. 40	40	2" 40 deg. Chamfer Pipe Reamer	2.069	2.175
WT9234	Conduit		2" Mill Type Reamer	2.139	2.301
WTI106	Sch. 40	35	2" 35 deg. Chamfer +.071 Pipe Reamer	2.138	2.301
WTI112	Sch. 40	30	2" 30 deg. Chamfer +.040 O/S Pipe Reamer	2.107	2.212
WTI124	Sch. 40		2" No Wing Reamer with 1/2" Tapped Hole	2.067	0

<i>Reamer #</i>	<i>Sch.</i>	<i>Chamfer Angle</i>	<i>Description</i>	<i>Nose Dia.</i>	<i>O.D. at Landis Chamfer No.</i>
W-8738	Sch. 80	30	2-1/2" 30 deg. Chamfer EH Pipe Reamer	2.323	2.655
W-9119	Sch. 40	30	2-1/2" 30 deg. Chamfer Pipe Reamer	2.49	2.588
W-9382	Sch. 40	40	2-1/2" 40 deg. Chamfer .035 O/S Pipe Reamer*	2.505	2.656
W-9706	Sch. 40	40	2-1/2" 40 deg. Chamfer Pipe Reamer	2.471	2.657
WA3272	Sch 40	35	2-1/2" Mill Type Reamer 35 degree chamfer		
WG0161	Sch. 40	30	2-1/2" 30 deg. Chamfer, 2.515 Nose Diameter*	2.516	2.658
WG0168	Sch. 40	30	2-1/2" 30 deg. Chamfer +.030 O/S Pipe Reamer	2.502	2.658
WG0470	Sch. 80	40	2-1/2" 40 deg Chamfer +.052 O/S Reamer	2.377	2.655
WG0558	IMC		2-1/2" IMC Reamer	2.639	2.73
WG0669	Sch. 80	45	2-1/2" 45 deg. Chamfer 3 deg. Neg. Back-Off	2.32	2.81
WG0701	Sch. 160	40	2-1/2" 40 deg. Chamfer Pipe Reamer	2.128	2.68
WG0702	XXEH	40	2-1/2" 40 deg. Chamfer XXEH Pipe Reamer	1.774	2.68
WG0860	Sch. 40		2-1/2" Sch 40 Nipple Pipe Reamer +.030	2.502	2.656
WG0898	Sch. 80	40	2-1/2" Nipple Pipe Reamer 40 deg Chamfer	2.326	2.657
WG1051	Sch 80	30	2" Sch 80 Pipe Reamer 30 deg +.020		

<i>Reamer #</i>	<i>Sch.</i>	<i>Chamfer Angle</i>	<i>Description</i>	<i>Nose Dia.</i>	<i>O.D. at Landis Chamfer No.</i>
W-7670	Sch. 40	40	3" 40 deg. Chamfer Pipe Reamer*	3.085	3.23
W-7671	Sch. 80	40	3" 40 deg. Chamfer EH Pipe Reamer	2.93	3.216
W-9002	Sch. 40	30	3" 30 deg. Chamfer Pipe Reamer	3.087	3.233
W-9381	Sch. 40	30	3" 30 deg. Chamfer .020 O/S Pipe Reamer*	3.106	3.231
W-9383	Sch. 40	40	3" 40 deg. Chamfer .035 O/S Pipe Reamer*	3.121	3.231
W-9397	Sch. 80	30	3" 30 deg. .020 O/S EH Pipe Reamer*	2.949	3.231
WA3273	Sch 40	35	3" Sch 40 Mill Type Reamer 35 deg chamfer		
WA3282	Sch 40	40	3" Mill Type Reamer 40 deg Chamfer		
WG0121	IMC		3" Conduit Pipe Reamer*	3.258	3.348
WG0151	Sch. 40	40	3" 40 deg. Chamfer +.020 Conduit Reamer*	3.107	3.232
WG0169	Sch. 40	30	3" 30 deg. Chamfer +.030 O/S Pipe Reamer*	3.118	3.233
WG0237	Sch. 40	30	3" 30 deg. Chamfer +.015 O/S Pipe Reamer	3.103	3.233
WG0703	Sch. 160	40	3" 40 deg. Chamfer Pipe Reamer	2.627	3.233
WG0704	XXEH	40	3" 40 deg. Chamfer XXEH Pipe Reamer	2.303	3.233
WG0710	Sch. 40	45	3" 45 deg Chamfer Special 2 deg neg. Reamer	3.125	3.347
WG0861	Sch. 40		3" Sch 40 Nipple Pipe Reamer +.030	3.118	3.238

<i>Reamer #</i>	<i>Sch.</i>	<i>Chamfer Angle</i>	<i>Description</i>	<i>Nose Dia.</i>	<i>O.D. at Landis Chamfer No.</i>
W-9117	Sch. 40	30	3-1/2" 30 deg. Chamfer Pipe Reamer*	3.562	3.784
WA3283	Sch 40	40	3-1/2" Mill Type Reamer 40 deg Chamfer		
WG0119	IMC		3-1/2" Conduit Pipe Reamer*	3.753	3.843
WG0170	Sch. 40	30	3-1/2" 30 deg.Chamfer +.030 O/S Pipe Reamer	3.593	3.785
WG0985	Sch. 40	40	3-1/2" Nipple Pipe Reamer 40 deg Chamfer	3.563	3.785

<i>Reamer #</i>	<i>Sch.</i>	<i>Chamfer Angle</i>	<i>Description</i>	<i>Nose Dia.</i>	<i>O.D. at Landis Chamfer No.</i>
W-7672	Sch. 40	40	4" 40 deg. Chamfer Pipe Reamer*	4.047	4.253
W-7673	Sch. 80	40	4" 40 deg. Chamfer EH Pipe Reamer	3.857	4.227
W-9118	Sch. 40	30	4" 30 deg. Chamfer Pipe Reamer*	4.048	4.254
W-9384	Sch. 40	40	4" 40 deg. Chamfer .035 O/S Pipe Reamer*	4.083	4.254
WA3284	Sch 40	40	4" Mill Type Reamer 40 deg Chamfer		
WG0124	IMC		4" IMC Conduit Pipe Reamer*	4.248	4.338
WG0171	Sch. 40	30	4" 30 deg. Chamfer +.030 O/S Pipe Reamer*	4.08	4.256
WG0705	Sch. 160	40	4" 40 deg. Chamfer Pipe Reamer	3.441	4.256
WG0706	XXEH	40	4" 40 deg. Chamfer XXEH Pipe Reamer	3.155	4.256
WG0836	Sch. 40	30	4" Nipple Pipe Reamer 30 deg Chamfer*.020 O	4.069	4.255
WG0960	Sch. 40	40	4" Conduit Pipe Reamer 40 deg. +.020	4.07	4.256
WG0990	Sch 40	30	4" Sch 40 Pipe Reamer 30 deg Chamfer +.015	4.065	4.255
WG1169	Sch. 80	30	4" EH Pipe Reamer 30 deg Chamfer +.015 O/S	3.874	4.228

Ring Gages and Plug Gages

<i>PART#</i>	<i>DESCRIPTION</i>
TGR25000	2-1/2" - 8 NPT L-1 Ring Thread Gage
TGR125SG	1/8" - 27 NPSM Go Ring Thread Gage
TGR125SN	1/8" - 27 NPSM No Go Ring Thread Gage
TGR250SG	1/4" - 18 NPSM Go Ring Thread Gage
TGR250SN	1/4" -18 NPSM No Go Ring Thread Gage
TGR1000	1" -11-1/2 NPT L-1 Ring Thread Gage
TGR1125	1-1/4" -11-1/2 NPT L-1 Ring Thread Gage
TGR1500	1-1/2" -11-1/2 NPT L-1 Ring Thread Gage
TGR2000	2" -11-1/2 NPT L-1 Ring Thread Gage
TGPB1000	1"-11 BSPT Pipe Plug Gage with Handle
TGPB1125	1-1/4"-11 BSPT Pipe Plug Gage with Handle
TGPB1500	1-1/2" -11 BSPT Pipe Plug Gage with Handle
TGPB2000	2" - 11 BSPT Pipe Plug Gage with Handle
TGP30000	3" - 8 NPT L-1 Plug Gage with Handle
TGP35000	3-1/2" - 8 NPT L-1 Plug Gage with Handle
TGP40000	4" - 8 NPT L-1 Plug Gage with Handle
TGP25000	2-1/2" - 8 NPT L-1 Plug Gage with Handle
TGR30000	3" - 8 NPT L-1 Ring Thread Gage
TGR35000	3-1/2" - 8 L-1 Ring Thread Gage
TGR40000	4" - 8 L-1 Ring Thread Gage
TGP01250	1/8" - 27 NPT L-1 Plug Gage with Handle
TGR01250	1/8" - 27 NPT L-1 Ring Thread Gage
TGP02500	1/4" -18 NPT L-1 Plug Gage with Handle
TGR0250	1/4" -18 NPT L-1 Ring Thread Gage
TGR0375	3/8" -18 NPT L-1 Ring Thread Gage

<i>PART#</i>	<i>DESCRIPTION</i>
TGR0500	1/2" -14 NPT L-1 Ring Thread Gage
TGR0750	3/4" u NPT L-1 Ring Thread Gage
TGP0375	3/8" -18 NPT L-1 Plug Gage with Handle
TGP0500	1/2" -14 NPT L-1 Plug Gage with Handle
TGP0750	3/4" 14 NPT L-1 Plug Gage with Handle
TGP1000	1" 11-1/2 NPT L-1 Plug Gage with Handle
TGP1125	1-1/4" 11-1/2 NPT L-1 Plug Gage w/Handle
TGP1500	1-1/2" 11-1/2 NPT L-1 Plug Gage w/Handle
TGP2000	2" 11-1/2 NPT L-1 Plug Gage with Handle
TGPB0250	1/4" -19 BSPT Plug Gauge with Handle
TGRB025	1/4" -19 BSPT Ring Thread Gauge
TGPB0375	3/8" -19 BSPT Plug Gauge with Handle
TGRB0375	3/8" -19 BSPT Ring Thread Gauge
TGPB0500	1/2" -14 BSPT Plug Gauge with Handle
TGRB0500	1/2" -14 BSPT Ring Thread Gauge
TGPB0750	3/4" -14 BSPT Plug Gauge with Handle
TGRB0750	3/4" -14 BSPT Ring Thread Gauge
TGR60000	6" - 8 L-1 Ring Thread Gage*
TGRB1000	1" -11 BSTP Ring Thread Gage
TGRB1125	1-1/4" -11 BSTP Ring Thread Gage
TGRB1500	1-1/2" -11 BSTP Ring Thread Gage
TGRB2000	2" -11 BSTP Ring Thread Gage
TGR0750SG	3/4" 14 NPSM Ring Go Gage
TGR1000SG	1" 11-1/2 NPSM Ring Go Gage
TGR4000G	4" 8 NPSM Go Ring Gage
TGR2500G	2-1/2" 8 NPSM Go Ring Gage
TGR3000G	3" 8 NPSM Go Ring Gage
TGR2000G	2" 11-1/2 NPSM Go Ring Gage
TGP5000	5" 8 NPT L-1 Plug Gage w/handle

Springs for #7 Machine

<i>PART#</i>	<i>DESCRIPTION</i>
M1AAPS173	Arm Actuating Plunger Spring for # 1 Auto
M1BS74	1/4 Ball Spring for # 1 Automatic
M1EBPS431	Escapement Block Plunger Spring for #1 Auto
M1EOLS100	Ejector Operating Link Spring for # 1 Auto
M1FLS225	Finger Latch Spring for # 1 Automatic
M1GSAS92	Nipple Grip Safety Arm Spring for# 1 Auto
M1JS132	Jaw Spring for # 1 Automatic
M1LA002	Spring
M1LA427	Spring
M1LA428	Spring
M1LCAS184	Locator Cam Adjusting Spring for # 1 Auto
M1LSS177	Latch Safety Spring for # 1 Automatic
M1NPS153	1/8 -1/2 Nipple Pilot Spring for # 1 Auto
M1PBS164	Plunger Bracket Spring for # 1 Automatic
M1PSLS122	Plunger Safety Latch Spring for #1 Automatic
M1RAS429	Rocker Arm Spring for # 1 Auto
M1SCS235	Safety Coupling Spring for # 1 Automatic
M1YTRS11	Yoke Trip Rod Spring for # 1 Automatic
MNLS225	Nipple Latch Spring for #1 Machine

Springs for #2 Machine

<i>PART#</i>	<i>DESCRIPTION</i>
MGS260	#2 Nipple Guide Spring 3/4" x 6"
MGS263	#2 Nipple Guide Spring 3/4" x 6-3/16"
MGS160	#1 Nipple Guide Spring 7/16" x 6.00"
MGS 163	#1 Nipple Guide Spring 7/16" x 6-3/16"
MGS267	#2 Nipple Guide Spring 3/4" x 6-7/16"
MGS165	#1 Nipple Guide Spring 7/16" x 6-5/8"
MGS167	#1 Nipple Guide Spring 7/16" x 6-7/16"
MGS265	#2 Nipple Guide Spring 3/4" x 6-5/8"
MGS270	#2 Nipple Guide Spring 3/4" x 7"
MGS170	#1 Nipple Guide Spring 7/16" x 7"
MGS565	#1 Fitting Guide Spring 7/16" x 6-5/8"
MGS257	#2 Nipple Guide Spring 3/4" x 5.78"
MGS365	#3 Nipple Guide Spring 7/16" x 6-5/8" X 3/16"
MPS205	1/2 - 3/4 Nipple Pilot Spring # 2 Automatic
MPS210	1-2 Nipple Pilot Spring # 2 Automatic
MCRS15	Die Head Closing Rod Spring for# 2 Automatic
MNLS2225	Nipple Latch Spring for #2 Machine
MPSLS2190	Plunger Safety Latch Spring for # 2 Automatic
MTFS2142	1" - 2" Transfer Finger Spring for # 2
MSCPS358	Safety Clutch Plunger Spring
MTFSB2342	1/2" - 3/4" Transfer Finger Spring for
MPBS230	Plunger Bracket Spring for # 2 Automatic
MSPS380	Stop Plunger Spring for # 2 Automatic
MCSS307	Coupling Safety Spring for # 2 Automatic
MPRLS245	Push Rod Latch Spring for # 2 Automatic

<i>PART#</i>	<i>DESCRIPTION</i>
MNSAS239	Nipple Stop Arm Spring
MNGSS152	Nipple Grip Safety Spring
MEOLS162	Ejector Operating Link Spring for #2
MLAS243	Latch Arm Spring for #2
MGSS270	#2 Fitting Guide Spring 3/4" x 7" x 3/32"

Tooling for #1

<i>PART#</i>	<i>SCHD PITCH</i>	<i>DESCRIPTION</i>
MNL125		1/8" Nipple Latch
MNL250		1/4" - 3/8" -1/2" Nipple Latch
MNP11254		1/8" Nipple Pilot for# 1 Automatic
MNP11258	Sch. 40	1/8" Nipple Pilot for # 1 Automatic
MNP12540	Sch. 80	1/4" Nipple Pilot for# 1 Automatic
MNP12580	Sch. 40	1/4" Nipple Pilot for #1 Automatic
MNP 13740	Sch. 80	3/8" Nipple Pilot for #1 Automatic
MNP13780	Sch. 40	3/8" Nipple Pilot for #1 Automatic
MWRB1701	Sch. 80	1/8" Work Rest Bar for #1 Automatic
MWRB1702		1/4" Work Rest Bar for #1 Automatic
MWRB1703		3/8" Work Rest Bar for #1 Automatic

Tooling for #2

<i>PART#</i>	<i>SCHD PITCH</i>	<i>DESCRIPTION</i>
MNL500		1/2" - 3/4" Nipple Latch
MNL800		1" - 2" Nipple Latch
MNLK10		Nipple Latch Key
MNP2054	Sch. 40	1/2" Nipple Pilot
MNP2058	Sch. 80	1/2" Nipple Pilot EH
MNP2074	Sch. 40	3/4" Nipple Pilot
MNP2078	Sch. 80	3/4" Nipple Pilot EH
MNPG24532		1" - 2" Pilot Guide for # 2 Automatic
MNPG24531		1/2" - 3/4" Pilot Guide for # 2 Automatic
MPRH20050		1/2" Push Rod Head for # 2 Automatic
MPRH20075		3/4" Push Rod Head for # 2 Automatic
MPRH20100		1" Push Rod Head for # 2 Automatic
MPRH20125		1-1/4" Push Rod Head for # 2 Automatic
MPRH20150		1-1/2" Push Rod Head for # 2 Automatic
MPRH20200		2" Push Rod Head for # 2 Automatic
MNP2204	Sch. 40	2" Nipple Pilot
MNP22041	Sch. 40	2" O/S Nipple Pilot + .015
MNLB2457		Nipple Latch Block for # 2 Automatic
MNP2208	Sch. 80	2" Nipple Pilot EH
MNP22081	Sch. 80	2" O/S Nipple Pilot EH+ .015
MNP22083	Sch. 80	2" O/S Nipple Pilot EH + .035
MNP22043	Sch. 40	2" O/S Nipple Pilot + .030
MNP20743	Sch. 40	3/4" Nipple Pilot + .030 O/S
MNP21040	Sch. 40	1" Nipple Pilot
MNP21041	Sch. 40	1" Nipple Pilot + .015 O/S
MNP21043	Sch. 40	1" Nipple Pilot + .030 O/S

<i>PART#</i>	<i>SCHD PITCH</i>	<i>DESCRIPTION</i>
MNP2108	Sch. 80	1" Nipple Pilot EH
MNP21081	Sch. 80	1" Nipple Pilot EH+ .015
MNP21083	Sch. 80	1" Nipple Pilot EH+ .030
MNP20741	Sch. 40	3/4" Nipple Pilot + .015 O/S
MNP20781	Sch. 80	3/4" Nipple Pilot EH+ .015
MNP20783	Sch. 80	3/4" Nipple Pilot EH + .030
MNP20541	Sch. 40	1/2" Nipple Pilot+ .015 O/S
MNP20543	Sch. 40	1/2" Nipple Pilot + .030 O/S
MNP20581	Sch. 80	1/2" Nipple Pilot EH+ .015 O/S
MNP20583	Sch. 80	1/2" Nipple Pilot EH + .030 O/S
MNP2154	Sch. 40	1-1/2" Nipple Pilot
MNP21541	Sch. 40	1-1/2" Nipple Pilot + .015
MN P21543	Sch. 40	1-1/2" Nipple Pilot + .030
MNP2158	Sch. 80	1-1/2" Nipple Pilot EH
MNP21581	Sch. 80	1-1/2" Nipple Pilot EH+ .015
MNP21583	Sch. 80	1-1/2" Nipple Pilot EH+ .030
MNP2124	Sch. 40	1-1/4" Nipple Pilot
MNP21241	Sch. 40	1-1/4" Nipple Pilot + .015
MNP21243	Sch. 40	1-1/4" Nipple Pilot + .030
MNP2128	Sch. 80	1-1/4" Nipple Pilot EH
MN P21281	Sch. 80	1-1/4" Nipple Pilot EH + .015
MNP21283	Sch. 80	1-1/4" Nipple Pilot EH+ .030
MNPB10		Nipple Pilot Bronze Bushing
MPGB2201		Pilot Guide Bushing for 1 - 2 for # 2
MPGB220		Pilot Guide Bushing for 1/2 & 3/4 for # 2
MPGSA146		Pipe Grip Spacer "A" for #2 Automatic
MPGSB146		Pipe Grip Spacer "B" for #2 Automatic
MPGSC146		Pipe Grip Spacer "C" for #2 Automatic
MPGSD146		Pipe Grip Spacer "D" for #2 Automatic
MWRB213112		1-1/4" Work Rest Bar for #2 Automatic

<i>PART#</i>	<i>SCHD_PITCH</i>	<i>DESCRIPTION</i>
MWRB213115		1-1/2" Work Rest Bar for #2 Automatic
MWRB213101		1" Work Rest Bar for #2 Automatic
MWRB213107		3/4" Work Rest Bar for #2 Automatic
MWRB213105		1/2" Work Rest BAR for #2 Automatic
MNP21044	Sch. 40	1" Nipple Pilot+.040 O/S
MNP21244	Sch. 40	1-1/4" Nipple Pilot+.040 O/S
MNP21544	Sch. 40	1-1/2" Nipple Pilot + .040
MTG500EP		Ejector Pin for 1/2" - 3/4" Threaded
MTG800EP		Ejector Pins for 1" - 2" Threaded Grips
MNP20544	Sch. 40	1/2" Nipple Pilot +.040 O/S
MNP20744	Sch. 40	3/4" Nipple Pilot +.040 O/S
MNP220471	Sch. 40	2" Sch. 40 Nipple Pilot +.071w/Lstop
MNP220440	Sch. 40	2" Sch. 40 Nipple Pilot +.040w/Lstop
MNP220450	Sch. 40	2" Sch. 40 Nipple Pilot +.050
MWRB213200R		2" Work Rest Bar w/Radius for #2 Auto
MWRB213200V		2" Work Rest Bar w/V for #2 Automatic
MNP210441	Sch. 40	1" Sch. 40 Nipple Pilot +.040 w/Large Stop
MNP212441	Sch. 40	1-1/4" Sch. 40 Nipple Pilot +.040 w/Lrg Stop
MNP215441	Sch. 40	1-1/2" Sch. 40 Nipple Pilot +.040 w/Lrg Stop