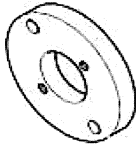
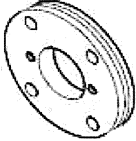


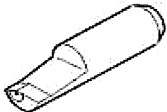


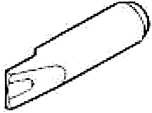
## TOOLS

### STANDARD TOOLS

\* MADE-TO-ORDER


Name	Wire dia.	Part No.	Remarks
FEED ROLL FLAT 	0.18~0.23	Y24X652-F018	
	0.20~0.30	Y24X652-F020	
Name	Wire dia.	Part No.	Remarks
FEED ROLL 	0.18/0.23	Y24X652-1823	Double grooved
	0.20/0.26	Y24X652-2026	
	0.30/0.40	Y24X652-3040	
	0.35/0.45	Y24X652-3545	
	0.50/0.60	Y24X652-5060	
	0.55/0.65	Y24X652-5565	
	0.70/0.80	Y24X652-7080	
	0.75/0.85	Y24X652-7585	
Name	Wire dia.	Part No.	Remarks
QUILL LINER 	0.20	74X886-020	
	0.23	74X886-023	
	0.25	74X886-025	*
	0.26	74X886-026	
	0.30	74X886-030	
	0.32	74X886-032	
	0.35	74X886-035	
	0.40	74X886-040	
	0.45	74X886-045	
	0.50	74X886-050	
	0.55	74X886-055	
	0.60	74X886-060	
	0.65	74X886-065	
	0.70	74X886-070	
	0.75	74X886-075	
	0.80	74X886-080	


Name	Wire dia.	Part No.	Remarks
QUILL LINER (used as INLET GUIDE) 	0.20	15X502-020	
	0.23	15X502-023	
	0.25	15X502-025	
	0.26	15X502-026	
	0.30	15X502-030	
	0.32	15X502-032	
	0.35	15X502-035	
	0.40	15X502-040	
	0.45	15X502-045	
	0.50	15X502-050	
	0.55	15X502-055	
	0.60	15X502-060	
	0.65	15X502-065	
	0.70	15X502-070	
	0.75	15X502-075	
	0.80	15X502-080	
	T QUILL 	0.20	24X654-TT020
0.23		24X654-TT023	
0.25		24X654-TT025	
0.26		24X654-TT026	
0.30		24X654-TT030	
0.32		24X654-TT032	*
0.35		24X654-TT035	
0.40		24X654-TT040	
0.45		24X654-TT045	
0.50		24X654-TT050	
0.55		24X654-TT055	
0.60		24X654-TT060	
0.65		24X654-TT065	
0.70		24X654-TT070	
0.75		24X654-TT075	
0.80		24X654-TT080	


Name	Wire dia.	Part No.	Remarks
E QUILL 	0.20	15X503-E020	
	0.23	15X503-E023	
	0.25	15X503-E025	*
	0.26	15X503-E026	
	0.30	15X503-E030	
	0.32	15X503-E032	*
	0.35	15X503-E035	
	0.40	15X503-E040	
	0.45	15X503-E045	
	0.50	15X503-E050	
	0.55	15X503-E055	
	0.60	15X503-E060	
	0.65	15X503-E065	
	0.70	15X503-E070	
	0.75	15X503-E075	
0.80	15X503-E080		

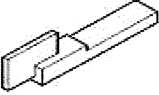
Name	Wire dia.	Part No.	Remarks
SQUARE SHAPED QUILL W/GROOVE	0.20	74X880-020	* To be used together with
	0.23	74X880-023	* Square shaped flat w/groove.
	0.25	74X880-025	*
	0.26	74X880-026	*
	0.30	74X880-030	*
	0.32	74X880-032	*
	0.35	74X880-035	*
	0.40	74X880-040	*
	0.45	74X880-045	*
	0.50	74X880-050	*
	0.55	74X880-055	*
	0.60	74X880-060	*
	0.65	74X880-065	*
	0.70	74X880-070	*
	0.75	74X880-075	*
0.80	74X880-080	*	

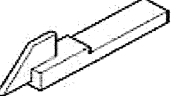
Name	Wire dia.	Part No.	Remarks
SQUARE SHAPED	0.20	74X881-020	* To be used together with
QUILL FLAT	0.23	74X881-023	* Square shaped quill w/groove
W/GROOVE	0.25	74X881-025	*
	0.26	74X881-026	*
	0.30	74X881-030	*
	0.32	74X881-032	*
	0.35	74X881-035	*
	0.40	74X881-040	*
	0.45	74X881-045	*
	0.50	74X881-050	*
	0.55	74X881-055	*
	0.60	74X881-060	*
	0.65	74X881-065	*
	0.70	74X881-070	*
	0.75	74X881-075	*
	0.80	74X881-080	*
Name	Wire dia.	Part No.	Remarks
SQUARE SHAPED	0.50	74X884-050	
QUILL	0.55	74X884-055	*
(ALL-IN-ONE TYPE)	0.60	74X884-060	
	0.65	74X884-065	*
	0.70	74X884-070	
	0.80	74X884-080	

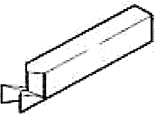
Name	Wire dia.	Part No.	Remarks
BODY POINT 0° 	0.20	15X510-020	
	0.23	15X510-023	
	0.25	15X510-025	
	0.26	15X510-026	
	0.30	15X510-030	
	0.32	15X510-032	
	0.35	15X510-035	
	0.40	15X510-040	
	0.45	15X510-045	
	0.50	15X510-050	
	0.55	15X510-055	
	0.60	15X510-060	
	0.65	15X510-065	
	0.70	15X510-070	
	0.75	15X510-075	
0.80	15X510-080		

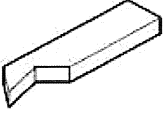
Name	Wire dia.	Part No.	Remarks
BODY POINT 15° 	0.20	15X511-020	
	0.23	15X511-023	
	0.25	15X511-025	
	0.26	15X511-026	
	0.30	15X511-030	
	0.32	15X511-032	
	0.35	15X511-035	
	0.40	15X511-040	
	0.45	15X511-045	
	0.50	15X511-050	
	0.55	15X511-055	
	0.60	15X511-060	
	0.65	15X511-065	
	0.70	15X511-070	
	0.75	15X511-075	
0.80	15X511-080		

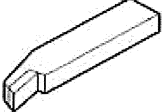
Name	Wire dia.	Part No.	Remarks
BODY POINT 22° 	0.20	15X512-020	*
	0.23	15X512-023	*
	0.25	15X512-025	*
	0.26	15X512-026	*
	0.30	15X512-030	*
	0.32	15X512-032	*
	0.35	15X512-035	*
	0.40	15X512-040	*
	0.45	15X512-045	*
	0.50	15X512-050	*
	0.55	15X512-055	*
	0.60	15X512-060	*
	0.65	15X512-065	*
	0.70	15X512-070	*
	0.75	15X512-075	*
0.80	15X512-080	*	

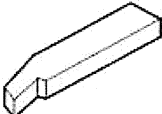
Name	Wire dia.	Part No.	Remarks
PITCH TOOL 0° 		24X655-0	*


Name	Wire dia.	Part No.	Remarks
PITCH TOOL 45° 		24X655-45	

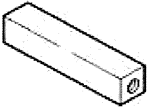
Name	Wire dia.	Part No.	Remarks
ASSIST TOOL 45° 		15X518-45	HSS
		15X518-45T	TC

Name	Wire dia.	Part No.	Remarks
BENDING TOOL B		15X505-B	
			

Name	Wire dia.	Part No.	Remarks
CUTTING TOOL (TC)		15X507	
			


Name	Wire dia.	Part No.	Remarks
CUTTING TOOL (HSS)		15X507-S	
			

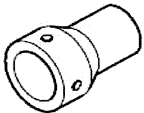
Name	Wire dia.	Part No.	Remarks
BLANK TOOL		15X514	
			


Name	Wire dia.	Part No.	Remarks
TOOL FOR POSITIONING CYLINDER UNIT		15X516	
			

Name	Wire dia.	Part No.	Remarks
TIP HOLDER FOR SLIDE MOTOR SENSOR		74E201	

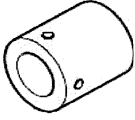
Name	Wire dia.	Part No.	Remarks
φ2 ARBOR		02X042-30	TIP FOR SLIDE MOTOR SENSOR

Name	Wire dia.	Part No.	Remarks
BENDING TOOL FOR E UNIT 	0.20	15X508-020	
	0.23	15X508-023	
	0.25	15X508-025	*
	0.26	15X508-026	
	0.30	15X508-030	
	0.32	15X508-032	*
	0.35	15X508-035	
	0.40	15X508-040	
	0.45	15X508-045	
	0.50	15X508-050	
	0.55	15X508-055	
	0.60	15X508-060	
	0.65	15X508-065	
	0.70	15X508-070	
	0.75	15X508-075	
0.80	15X508-080		

Name	Wire dia.	Part No.	Remarks
U BENDING ARBOR B 		15X519-B	

Name	Wire dia.	Part No.	Remarks
U BENDING ARBOR C 		24X657-C	



Name	Wire dia.	Part No.	Remarks
U BENDING ARBOR D 		15X519-D	
Name	Wire dia.	Part No.	Remarks
SLOTTED ARBOR	0.2	74X883-02	*
	0.3	74X883-03	
	0.4	74X883-04	*
	0.5	74X883-05	
	0.6	74X883-06	
	0.7	74X883-07	*
	0.8	74X883-08	*
	Name	Wire dia.	Part No.
STEP ARBOR FOR SLOTING	0.2~0.4	74X882-0204	
	0.5~0.8	74X882-0508	