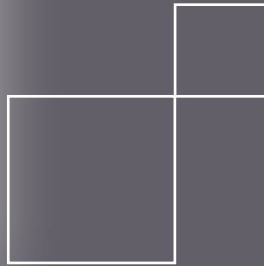
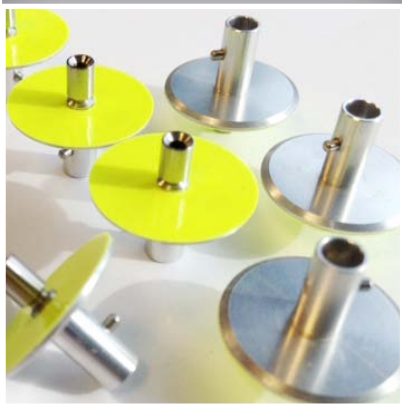
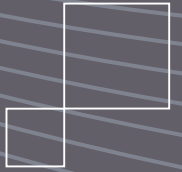
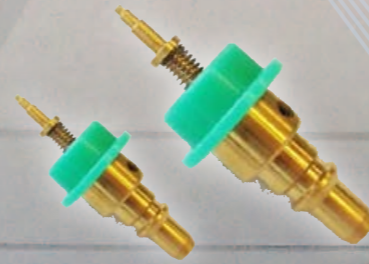


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YVL88 II/ YV100 II NOZZLE (EMERALD/TOPAZ II)

NO.	PART NO.	PART DESCRIPTION
01	KM0-M711A-02X	YVL88 / YV100 NOZZLE - A (TYPE 31) - ' ' (FIX) (DIAMOND TIP)
02	KM0-M711A-02X	YVL88 / YV100 NOZZLE - A (TYPE 31) - 'X' (FIX) (5322 360 10198) (DIAMOND TIP)
03	-----	YVL88 / YV100 NOZZLE - A (TYPE 31) - 'O' (FIX) (5322 360 10433) (DIAMOND TIP)
04	KM0-M711B-00X	YVL88 / YV100 NOZZLE - B (TYPE 32-1) (5322 360 10199)
05	KM0-M711C-00X	YVL88 / YV100 NOZZLE - C (TYPE 32-2) (5322 360 10201)
06	KM0-M711D-00X	YVL88 / YV100 NOZZLE - D (TYPE 33) (5322 360 10202)
07	KM0-M711E-00X	YVL88 / YV100 NOZZLE - E (TYPE 34) (5322 360 10203)
08	KM0-M711F-00X	YVL88 / YV100 NOZZLE - F (TYPE 35) MELF (5322 360 10272)
09	KM0-M711A-02R	YVL88 / YV100 NOZZLE - A (TYPE 39) - Ø1.2/ Ø0.6 (ROUND TIP) SPRING LOADED (DIAMOND TIP)
10	KM0-M711A-302	YVL88 / YV100 NOZZLE - A (TYPE 31) - 'X' SPRING LOAD (1.2 X 0.8) (DIAMOND TIP) (5322 360 10425)
11	KM0-M711A-0807	YVL88 / YV100 NOZZLE - A (TYPE 31) - 'X' SPRING LOADED (0.8 X 0.7) (DIAMOND TIP)

YV112 PICK UP NOZZLE (COMET)

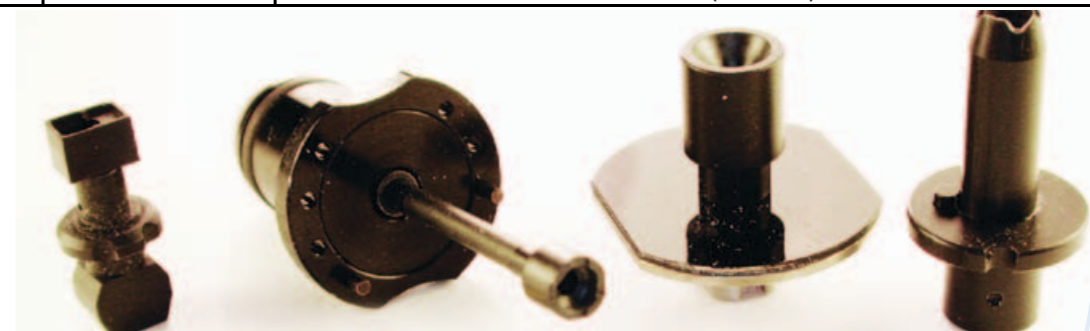
NO.	PART NO.	PART DESCRIPTION
01	KG2-M7191-100	YV112 PICK UP NOZZLE TYPE 1 Æ 0.9 / Æ 0.5 (5322 360 10335)
02	KG2-M7191-200	YV112 PICK UP NOZZLE TYPE 2 Æ 1.4 / Æ 0.8 (5322 479 60083)
03	KG2-M7191-300	YV112 PICK UP NOZZLE TYPE 3 Æ 3.0 / Æ 2.0 (5322 479 60084)
04	KG2-M7191-400	YV112 PICK UP NOZZLE TYPE 4 Æ 6.0 / Æ 4.0 (5322 360 10289)
05	KG2-M7191-500	YV112 PICK UP NOZZLE TYPE 5 Æ 10.0 / Æ 8.0 (5322 360 10291)
06	-----	YV112 PICK UP NOZZLE 9 HOLES (9965 000 07827)

YMH / CSM 66/84 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	K38 - M7113 - H00	YMH PICK UP NOZZLE a, Æ 1.1X0.7 / Æ 0.4 (5322 479 60064)
02	K38 - M7113 - B03	YMH PICK UP NOZZLE b, Æ 1.8X1.1 / Æ 0.8 (5322 479 60075)
03	K38 - M7113 - C00	YMH PICK UP NOZZLE c, Æ 3.0 / Æ 2.0 (5322 479 60059)
04	K38 - M7113 - D01	YMH PICK UP NOZZLE d, Æ 5.0 / Æ 3.5 ** (5322 479 60061)
05	K38 - M7113 - E02	YMH PICK UP NOZZLE e, Æ 1.1 / Æ 0.7 (V) (5322 479 60062)

YM84 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	KH - M7113 - B00	YM84 PICK UP NOZZLE ID : Æ 0.7 (TYPE 2)
02	KH - M7113 - C00	YM84 PICK UP NOZZLE ID : Æ 2.0 (TYPE 8)

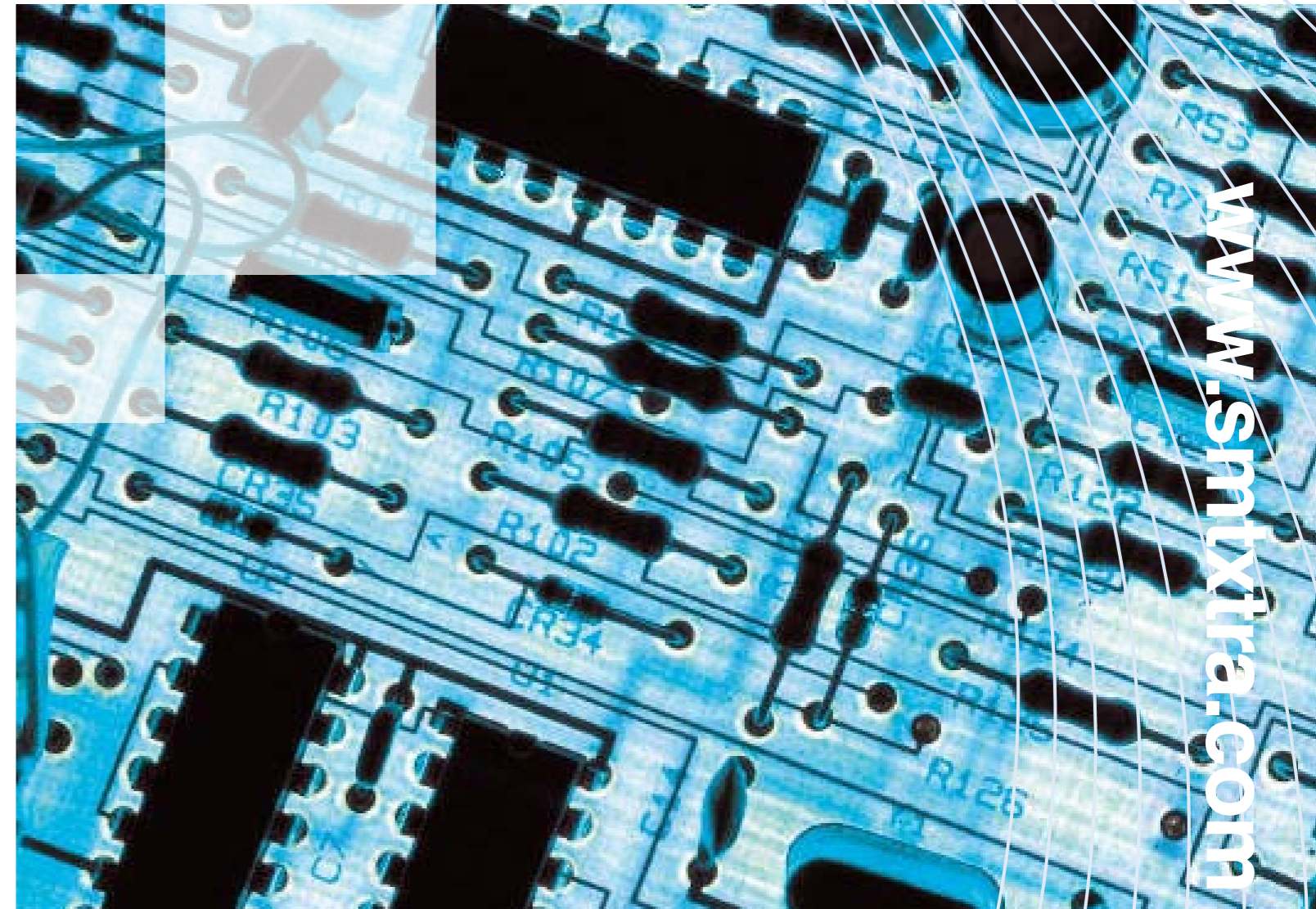


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CAMELOT 680 PUMP NEEDLE MATRIX		
NO.	PART NO.	PART DESCRIPTION
01	19367 B	CAMELOT NOZZLE - 1D (LARGE) 15
02	19366 B	CAMELOT NOZZLE - 1D (LARGE) 16
03	19365 B	CAMELOT NOZZLE - 1D (LARGE) 17
04	19364 B	CAMELOT NOZZLE - 1D (LARGE) 18
05	19362 B	CAMELOT NOZZLE - 1D (LARGE) 20
06	19432 B	CAMELOT NOZZLE - 1D (LARGE) 21
07	19433 B	CAMELOT NOZZLE - 1D (LARGE) 22
08	19434 B	CAMELOT NOZZLE - 1D (LARGE) 23
09	19436 B	CAMELOT NOZZLE - 1D (LARGE) 25
10	20901 B	CAMELOT NOZZLE - 1D (LARGE) 27
11	-----	CAMELOT NOZZLE - 1D (LARGE) 28
12	32051B	CAMELOT NOZZLE - 1D (LARGE) 30
CAMELOT 635/ 642/ 644 NEEDLE MATRIX		
NO.	PART NO.	PART DESCRIPTION
01	16156 B	CAMELOT NOZZLE - 1D (SMALL) 19
02	16029 B	CAMELOT NOZZLE - 1D (SMALL) 20
03	16028 B	CAMELOT NOZZLE - 1D (SMALL) 21
04	15894 B	CAMELOT NOZZLE - 1D (SMALL) 22
05	16027 B	CAMELOT NOZZLE - 1D (SMALL) 23
06	16026 B	CAMELOT NOZZLE - 1D (SMALL) 25
07	16024 B	CAMELOT NOZZLE - 1D (SMALL) 27
08	-----	CAMELOT NOZZLE - 1D (SMALL) 28
09	-----	CAMELOT NOZZLE - 1D (SMALL) 30
CAMELOT 635/ 642/ 644 SINGLE NEEDLE/ SINGLE STOPPER		
NO.	PART NO.	PART DESCRIPTION
01	15898B	CAMELOT NOZZLE - 1D/1S (SMALL) 19
02	14907B	CAMELOT NOZZLE - 1D/1S (SMALL) 20
03	14906B	CAMELOT NOZZLE - 1D/1S (SMALL) 21
04	14905B	CAMELOT NOZZLE - 1D/1S (SMALL) 22
05	15799B	CAMELOT NOZZLE - 1D/1S (SMALL) 23
06	14488B	CAMELOT NOZZLE - 1D/1S (SMALL) 25
07	14876B	CAMELOT NOZZLE - 1D/1S (SMALL) 27
CAMELOT 635/ 642/ 644 DOUBLE NEEDLE/ SINGLE STOPPER		
NO.	PART NO.	PART DESCRIPTION
01	16318B	CAMELOT NOZZLE - 2D/1S (SMALL) 19
02	14701B	CAMELOT NOZZLE - 2D/1S (SMALL) 20
03	14702B	CAMELOT NOZZLE - 2D/1S (SMALL) 20
04	14268B	CAMELOT NOZZLE - 2D/1S (SMALL) 20
05	15882B	CAMELOT NOZZLE - 2D/1S (SMALL) 21
06	14699B	CAMELOT NOZZLE - 2D/1S (SMALL) 22
07	14700B	CAMELOT NOZZLE - 2D/1S (SMALL) 22
08	----	CAMELOT NOZZLE - 2D/1S (SMALL) 23
09	15075B	CAMELOT NOZZLE - 2D/1S (SMALL) 25
10	15883B	CAMELOT NOZZLE - 2D/1S (SMALL) 25
11	17149B	CAMELOT NOZZLE - 2D/1S (SMALL) 25
12	----	CAMELOT NOZZLE - 2D/1S (SMALL) 27

CAMELOT 650 PUMP/ CAMELOT 5000 NEEDLE MATRIX		
NO.	PART NO.	PART DESCRIPTION
01	12382	CAMELOT NEEDLE LENGTH 13MM 12G (PACK OF 12PCS)
02	12383	CAMELOT NEEDLE LENGTH 13MM 13G (PACK OF 12PCS)
03	12384	CAMELOT NEEDLE LENGTH 13MM 14G (PACK OF 12PCS)
04	12385	CAMELOT NEEDLE LENGTH 13MM 15G (PACK OF 12PCS)
05	12386	CAMELOT NEEDLE LENGTH 13MM 16G (PACK OF 12PCS)
06	12387	CAMELOT NEEDLE LENGTH 13MM 17G (PACK OF 12PCS)
07	8216	CAMELOT NEEDLE LENGTH 13MM 18G (PACK OF 12PCS)
08	9652B	CAMELOT NEEDLE LENGTH 6.5MM 18G (TAPERED) (PACK OF 12PCS)
09	9752	CAMELOT NEEDLE LENGTH 13MM 19G (PACK OF 12PCS)
10	9761B	CAMELOT NEEDLE LENGTH 6.5MM 19G (TAPERED) (PACK OF 12PCS)
11	8217	CAMELOT NEEDLE LENGTH 13MM 20G (PACK OF 12PCS)
12	9653B	CAMELOT NEEDLE LENGTH 6.5MM 20G (TAPERED) (PACK OF 12PCS)
13	8218	CAMELOT NEEDLE LENGTH 13MM 21G (PACK OF 12PCS)
14	9654B	CAMELOT NEEDLE LENGTH 6.5MM 21G (TAPERED) (PACK OF 12PCS)
15	9587	CAMELOT NEEDLE LENGTH 13MM 22G (PACK OF 12PCS)
16	9655B	CAMELOT NEEDLE LENGTH 6.5MM 22G (TAPERED) (PACK OF 12PCS)
17	9588	CAMELOT NEEDLE LENGTH 13MM 23G (PACK OF 12PCS)
18	9656B	CAMELOT NEEDLE LENGTH 6.5MM 23G (TAPERED) (PACK OF 12PCS)
19	9589	CAMELOT NEEDLE LENGTH 13MM 25G (PACK OF 12PCS)
20	9657B	CAMELOT NEEDLE LENGTH 6.5MM 25G (TAPERED) (PACK OF 12PCS)
21	9590	CAMELOT NEEDLE LENGTH 13MM 26G (PACK OF 12PCS)
22	9762B	CAMELOT NEEDLE LENGTH 6.5MM 26G (TAPERED) (PACK OF 12PCS)
23	9753	CAMELOT NEEDLE LENGTH 13MM 27G (PACK OF 12PCS)
24	9754B	CAMELOT NEEDLE LENGTH 6.5MM 27G (TAPERED) (PACK OF 12PCS)
25	10081	CAMELOT NEEDLE LENGTH 13MM 28G (PACK OF 12PCS)
26	10082B	CAMELOT NEEDLE LENGTH 6.5MM 28G (TAPERED) (PACK OF 12PCS)



We supply a **massive range of nozzles for all leading SMT brands and models.** This brochure is only a selection of popular products. Many more are available so please get in touch with our specialist team for your exact requirements



FUJI CP3 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	AGPH - 9560	CP3/S PICK UP NOZZLE 0.7
02	AGPH - 9410	CP3/S PICK UP NOZZLE 1.0
03	AGPH - 9130	CP3/S PICK UP NOZZLE 1.3
04	AGPH - 9050	CP3/S PICK UP NOZZLE 1.3 (MELF)
05	AGPH - 9470	CP3/L PICK UP NOZZLE 1.3
06	AGPH - 9060	CP3/L PICK UP NOZZLE 2.5
07	AGPH - 9430	CP3/L PICK UP NOZZLE 3.4
08	AGPH - 9460	CP3/L PICK UP NOZZLE 1.3 (MELF)

FUJI CP3 DARK POINT

NO.	PART NO.	PART DESCRIPTION
01	AGPH - 9570	CP3/DPT-S DARK POINT 0.7 / 11.5
02	AGPH - 9550	CP3/DPT-S DARK POINT 1.0 / 11.5
03	AGPH - 9190	CP3/DPT-S DARK POINT 1.3 / 11.5
04	AGPH - 9480	CP3/DPT-S DARK POINT 1.3 / 16.5
04	AGPH - 9200	CP3/DPT-S DARK POINT 2.5 / 16.5
05	AGPH - 9440	CP3/DPT-S DARK POINT 3.4 / 16.5

FUJI CP4 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	AMPH - 8710	CP4 /S PICK UP NOZZLE 0.7
02	AMPH - 8720	CP4 /S PICK UP NOZZLE 1.0
03	AMPH - 8730	CP4 /S PICK UP NOZZLE 1.3
04	AMPH - 8740	CP4 /S PICK UP NOZZLE 1.8
05	AMPH - 8750	CP4 /S PICK UP NOZZLE 2.5
06	AMPH - 8760	CP4 /L PICK UP NOZZLE 2.5
07	AMPH - 8770	CP4 /L PICK UP NOZZLE 3.7
08	AMPH - 8780	CP4 /L PICK UP NOZZLE 5.0

FUJI CP6 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	AWPH - 9720	CP6 PICK UP NZ 0.4 / 0.25 (TAPERED TIP)
02	AWPH - 9730	CP6 PICK UP NZ 1.0 / 0.7 (TAPERED TIP)
03	AWPH - 9510	CP6/S PICK UP NOZZLE 0.7
04	AWPH - 9520	CP6/S PICK UP NOZZLE 1.0
05	AWPH - 9530	CP6/S PICK UP NOZZLE 1.3
06	AWPH - 9550	CP6/S PICK UP NOZZLE 1.8
07	AWPH - 9541	CP6/S PICK UP NOZZLE 1.3 (MELF)
08	AWPH - 9560	CP6/M PICK UP NOZZLE 2.5
09	AWPH - 9570	CP6/M PICK UP NOZZLE 3.7
10	AWPH - 9580	CP6/L PICK UP NOZZLE 2.5
11	AWPH - 9600	CP6/L PICK UP NOZZLE 3.7
12	AWPH - 9591	CP6/L PICK UP NOZZLE 2.5 (MELF)
13	AWPH - 9610	CP6 PICK UP NOZZLE 5.0
14	AWPH - 9660	CP6 PICK UP NOZZLE 5.0 (BLACK)
15	AWPH - 9670	CP6 PICK UP NOZZLE 5.0
16	AWPH - 9680	CP6 PICK UP NOZZLE 7.0 (BLACK)
17	AWPH - 9690	CP6 PICK UP NOZZLE 7.0
18	AYPH - 9510	CP6 PICK UP NOZZLE 7.0 (BLACK)
19	AYPH - 9520	CP6 PICK UP NOZZLE 7.0

FUJI CP7 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	ADCPH - 9725	CP7/S NOZZLE 0.4 (8MM) (TAPERED)
02	ADCPH - 9735	CP7/S NOZZLE 0.7 (8MM) (TAPERED)
03	ADCPH - 9520	CP7/S NOZZLE 0.7 (8MM)
04	ADCPH - 9530	CP7/S NOZZLE 1.0 (8MM)
05	ADCPH - 9540	CP7/S NOZZLE 1.3 (8MM)
06	ADCPH - 9700	CP7/S NOZZLE 1.3 (8MM) MELF
07	ADCPH - 9550	CP7/S NOZZLE 1.8 (16MM)
08	ADCPH - 9560	CP7/L NOZZLE 2.5 (16MM)
09	ADCPH - 9710	CP7/L NOZZLE 2.5 (16MM) MELF
10	ADCPH - 9570	CP7/L NOZZLE 3.7 (16MM)
11	ADCPH - 9580	CP7/L NOZZLE 5.0 (16MM)
12	ADCPH - 9590	CP7/L NOZZLE 1.8 (SQUARE)
13	ADCPH - 9600	CP7/L NOZZLE 1.8 (SQUARE) (BLACK)
14	ADCPH - 9610	CP7/L NOZZLE 2.5 (SQUARE)
15	ADCPH - 9620	CP7/L NOZZLE 2.5 (SQUARE) (BLACK)
16	ADCPH - 9630	CP7/L NOZZLE 3.7 (SQUARE)
17	ADCPH - 9640	CP7/L NOZZLE 3.7 (SQUARE) (BLACK)
18	ADCPH - 9650	CP7/L NOZZLE 5.0 (SQUARE)
19	ADCPH - 9660	CP7/L NOZZLE 5.0 (SQUARE)
20	ADCPH - 9680	CP7/L NOZZLE 5.0 (SQUARE)

FUJI CP8 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	ADCPH - 7725	CP7/S NOZZLE 0.4 (8MM) (TAPERED)
02	ADCPH - 7735	CP7/S NOZZLE 0.7 (8MM) (TAPERED)
03	ADCPH - 7520	CP7/S NOZZLE 0.7 (8MM)
04	ADCPH - 7530	CP7/S NOZZLE 1.0 (8MM)
05	ADCPH - 7540	CP7/S NOZZLE 1.3 (8MM)
06	ADCPH - 7700	CP7/S NOZZLE 1.3 (8MM) MELF
07	ADCPH - 7550	CP7/S NOZZLE 1.8 (16MM)
08	ADCPH - 7560	CP7/L NOZZLE 2.5 (16MM)
09	ADCPH - 7710	CP7/L NOZZLE 2.5 (16MM) MELF
10	ADCPH - 7570	CP7/L NOZZLE 3.7 (16MM)
11	ADCPH - 7580	CP7/L NOZZLE 5.0 (16MM)
12	ADCPH - 7590	CP7/L NOZZLE 1.8 (SQUARE)
13	ADCPH - 7600	CP7/L NOZZLE 1.8 (SQUARE) (BLACK)
14	ADCPH - 7610	CP7/L NOZZLE 2.5 (SQUARE)
15	ADCPH - 7620	CP7/L NOZZLE 2.5 (SQUARE) (BLACK)
16	ADCPH - 7630	CP7/L NOZZLE 3.7 (SQUARE)
17	ADCPH - 7640	CP7/L NOZZLE 3.7 (SQUARE) (BLACK)
18	ADCPH - 7650	CP7/L NOZZLE 5.0 (SQUARE)
19	ADCPH - 7660	CP7/L NOZZLE 5.0 (SQUARE)
20	ADCPH - 7680	CP7/L NOZZLE 5.0 (SQUARE)

Some images are for design purposes only and may belong to another brand in this catalogue
We stock many nozzles for leading brands and the images displayed are some of our in stock items.

For the most up to date information just contact our sales team who will be happy to help!

FUJI IP / IP2 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	IPH - 3431	IP - SS NOZZLE 1.0
02	IPH - 3421	IP - S NOZZLE 1.3
03	IPH - 3411	IP - M NOZZLE 2.5
04	IPH - 3401	IP - L NOZZLE 4.0
05	IPH - 4511	IP - LL NOZZLE 7.0 (WITH CAP)
06	IPH - 4520	IP - LL NOZZLE 10.0 (WITH CAP)
07	IPH - 4531	IP - LL NOZZLE 15.0 (WITH CAP)
08	IPH - 4541	IP - LL NOZZLE 20.0 (WITH CAP)

FUJI IP ADAPTOR

NO.	PART NO.	PART DESCRIPTION
01	IPA - 0007	IP - LL ADAPTOR 7.0
02	IPA - 0010	IP - LL ADAPTOR 10.0
03	IPA - 0015	IP - LL ADAPTOR 15.0
04	IPA - 0020	IP - LL ADAPTOR 20.0

FUJI IP2 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	AKPH - 2051	IP2 - SS NOZZLE 1.0 (FIXED)
02	AKPH - 2031	IP2 - S NOZZLE 1.3 (FIXED)
03	AKPH - 2041	IP2 - M NOZZLE 2.5 (FIXED)
04	AKPH - 2061	IP2 - L NOZZLE 4.0 (FIXED)

FUJI IP3 PICK UP NOZZLE

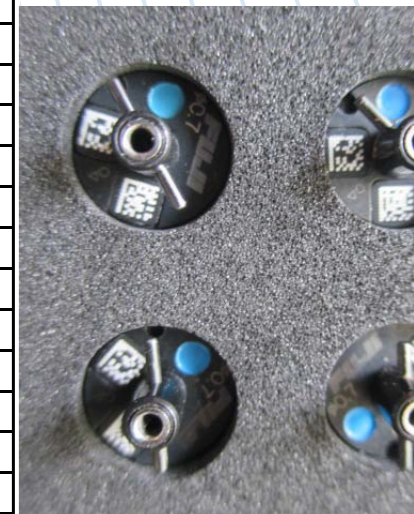
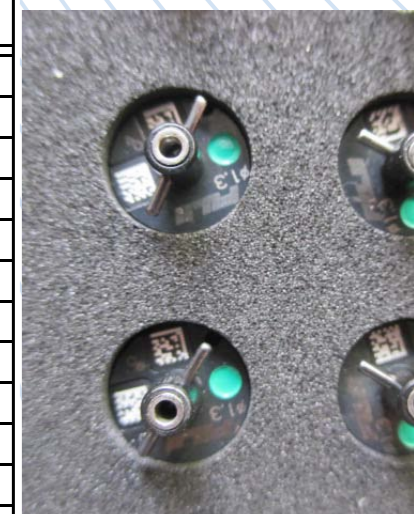
NO.	PART NO.	PART DESCRIPTION
01	AQNA - 3130/39	IP3 - NOZZLE 1.3 (FIXED) (31 X 31mm)
02	AQNA - 3140/49	IP3 - NOZZLE 1.8 (FIXED) (31 X 31mm)
03	AQNA - 3150/59	IP3 - NOZZLE 2.5 (FIXED) (31 X 31mm)
04	AQNA - 3160/69	IP3 - NOZZLE 3.7 (FIXED) (31 X 31mm)
05	AQNA - 3170	IP3 - NOZZLE 7.0 (FIXED) (31 X 31mm)
06	AQNA - 3180	IP3 - NOZZLE 10.0 (FIXED) (52 X 52mm)
07	AQNA - 3190	IP3 - NOZZLE 15.0 (FIXED) (62 X 62mm)
08	AQNA - 3200/01	IP3 - NOZZLE 20.0 (FIXED) (102 X 102mm)
09	AQNA - 3290/95	IP3 - NOZZLE 3.7 (FIXED) (52 X 52mm)
10	AQNA - 3300/04	IP3 - NOZZLE 7.0 (FIXED) (52 X 52mm)
11	AQNA - 3310/14	IP3 - NOZZLE 10.0 (FIXED) (62 X 62mm)
12	AQNA - 3320/24	IP3 - NOZZLE 15.0 (FIXED) (102 X 102mm)
13	AQNA - 3330/34	IP3 - NOZZLE 6.5 (FIXED) (52 X 52mm)

FUJI QP2 INDEX NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	ABHPN - 8510	QP PICK UP NOZZLE AE 0.7
02	ABHPN - 8520	QP PICK UP NOZZLE AE 1.0
03	ABHPN - 8530	QP PICK UP NOZZLE AE 1.3
04	ABHPN - 8540	QP PICK UP NOZZLE AE 1.8
05	ABHPN - 8550	QP PICK UP NOZZLE AE 2.5
06	ABHPN - 8560	QP PICK UP NOZZLE AE 2.5 (RUBBER CUP)
07	ABHPN - 8570	QP PICK UP NOZZLE AE 3.7
08	ABHPN - 8580	QP PICK UP NOZZLE AE 6.5 (RUBBER CUP)
09	ABHPN - 8590	QP PICK UP NOZZLE AE 7.0
10	ABHPN - 8600	QP PICK UP NOZZLE AE 10.0
11	ABHPN - 8610	QP PICK UP NOZZLE AE 2.5
12	ABHPN - 8620	QP PICK UP NOZZLE AE 2.5 (RUBBER CUP)
13	ABHPN - 8630	QP PICK UP NOZZLE AE 3.75
14	ABHPN - 8640	QP PICK UP NOZZLE AE 6.5 (RUBBER CUP)
15	ABHPN - 8650	QP PICK UP NOZZLE AE 7.0
16	ABHPN - 8660	QP PICK UP NOZZLE AE 10.0
17	ABHPN - 8670	QP PICK UP NOZZLE AE 1.3

FUJI QP242E SINGLE NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	BHPN - 3271	QP NOZZLE SPRING PLATE
02	BHPN - 3232	QP NOZZLE SPRING PLATE
03	ABHPN - 6920	QP NOZZLE - AE 1.8
04	ABHPN - 6246	QP NOZZLE - AE 2.5
05	ABHPN - 6719	QP NOZZLE - AE 2.5 (RUBBER CUP)
06	ABHPN - 6256	QP NOZZLE - AE 3.75
07	ABHPN - 6276	QP NOZZLE - AE 7.0
08	ABHPN - 6289	QP NOZZLE - AE 10.0
09	ABHPN - 6299	QP NOZZLE - AE 15.0
10	ABHPN - 6309	QP NOZZLE - AE 20.0
12	ABHPN - 6758	QP NOZZLE - AE 6.5 (RUBBER CUP)
13	ABHPN - 6365	QP NOZZLE - AE 7.0
14	ABHPN - 6778	QP NOZZLE - AE 10.0
16	ABHPN - 6788	QP NOZZLE - AE 15.0
17	ABHPN - 6798	QP NOZZLE - AE 20.0
18	ABHPN - 6817	QP NOZZLE - AE 7.0
19	ABHPN - 6827	QP NOZZLE - AE 10.0
20	ABHPN - 6837	QP NOZZLE - AE 15.0
21	ABHPN - 6847	QP NOZZLE - AE 20.0
23	ABHPN - 6852	QP NOZZLE - AE 5.0 (RUBBER CUP)
24	ABHPN - 6893	QP NOZZLE - AE 8.0 (RUBBER CUP)
25	ABHPN - 6803	QP NOZZLE - AE 15.0 (RUBBER CUP)
26	ABHPN - 6703	QP NOZZLE - AE 17.5 (RUBBER CUP)
30	ABHPN - 8351	QP NOZZLE - AE 1.8



31	ABHPN - 8165	QP NOZZLE - Æ 2.5
32	ABHPN - 8175	QP NOZZLE - Æ 2.5 (RUBBER CUP)
33	ABHPN - 8185	QP NOZZLE - Æ 3.75
34	ABHPN - 8196	QP NOZZLE - Æ 5.0 (RUBBER CUP)
35	ABHPN - 8205	QP NOZZLE - Æ 7.0
36	ABHPN - 8216	QP NOZZLE - Æ 8.0 (RUBBER CUP)

FUJI GLII / GL V DISPENSING NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	ANRG - 2012	GL II & V DISP. NZ. 1D/1S 0.6/ 0.3
02	ANRG - 2021	GL II & V DISP. NZ. 1D/1S 0.7/ 0.4
03	AHRG - 0696	GL II & V DISP. NZ. 1D/1S 0.8/ 0.5
04	AHRG - 0700	GL II & V DISP. NZ. 1D/1S 0.9/ 0.6
05	AHRG - 1330	GL II & V DISP. NZ. 1D/1S 0.9/ 0.6
06	AHRG - 1350	GL II & V DISP. NZ. 1D/1S 1.0/ 0.7
07	AJRG - 0830	GL II & V DISP. NZ. 2D/1S 0.6/ 0.3 P = 0.8
08	AHRG - 0679	GL II & V DISP. NZ. 2D/1S 0.7/ 0.4 P = 1.3
09	AHRG - 0857	GL II & V DISP. NZ. 2D/2S 0.7/ 0.4 P = 1.0
10	AHRG - 1320	GL II & V DISP. NZ. 2D/2S 0.8/ 0.5 P = 1.0

FUJI QP 132E PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	ACGPN-8535	FUJI QP132 PICK UP NOZZLE 0.7 (8MM DISK)
02	ACGPN-8525	FUJI QP132 PICK UP NOZZLE 1.0 (8MM DISK)
03	ACGPN-8515	FUJI QP132 PICK UP NOZZLE 1.3 (8MM DISK)
04	ACGPN-8545	FUJI QP132 PICK UP NOZZLE 1.8 (8MM DISK)

FUJI QP3 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	ADBPN 8129	QP3 NOZZLE - 1.8
02	ADBPN 8139	QP3 NOZZLE - 2.5
03	ADBPN 8149	QP3 NOZZLE - 3.75
04	ADBPN 8159	QP3 NOZZLE - 7.0
05	ADEPN 8169	QP3 NOZZLE - 10.0
06	ADBPN 8179	QP3 NOZZLE - 15.0
07	ADBPN 8189	QP3 NOZZLE - 17.5
08	ADBPN 8199	QP3 NOZZLE - 2.5 (RUBBER CUP)
09	ADBPN 8209	QP3 NOZZLE - 5.0 (RUBBER CUP)
10	ADEPN 8219	QP3 NOZZLE - 8.0 (RUBBER CUP)
11	ADBPN 8229	QP3 NOZZLE - 15.0 (RUBBER CUP)
12	ADBPN 8239	QP3 NOZZLE - 17.5 (RUBBER CUP)

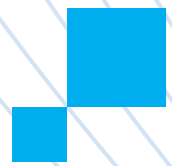
FUJI XP141 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	ADEPN 8010	XP141 NOZZLE - 0.4 (DIAMOND TIP)
02	ADEPN 8020	XP141 NOZZLE - 0.7 (DIAMOND TIP)
03	ADEPN 8030	XP141 NOZZLE - 1.0 (DIAMOND TIP)
04	ADEPN 8040	XP141 NOZZLE - 1.3 (DIAMOND TIP)
05	ADEPN 8050	XP141 NOZZLE - 1.8

FUJI XP142/ XP242 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	ADNPN 8314	NOZZLE - 0.7 (DIAMOND TIP)
02	ADNPN 8234	NOZZLE - 1.0 (DIAMOND TIP)
02	ADNPN 8244	NOZZLE - 1.3 (DIAMOND TIP)
03	ADNPN 8254	NOZZLE - 1.8
04	ADNPN 8264	NOZZLE - 2.5
05	ADNPN 8284	NOZZLE - 5.0
06	ADNPN 8342	NOZZLE - 1.3 (MELF)
07	ADNPN 8352	NOZZLE - 1.8 (MELF)
08	ADNPN 8362	NOZZLE - 2.5 (MELF)
09	ADNPN 8278	NOZZLE - 3.7
10	ADNPN 8288	NOZZLE - 5.0
11	ADEPN 8961	NOZZLE - 3.7
12	ADEPN 8970	NOZZLE - 5.0
13	DEPN 4081	NOZZLE - 7.0
14	DNPN3030	RECTANGULAR TIP NOZZLE - 2.3 X 1.0
15	DNPN3040	RECTANGULAR TIP NOZZLE - 3.1 X 1.0
16	DNPN3040	RECTANGULAR TIP NOZZLE - 3.1 X 1.0
17	DNPN3050	RECTANGULAR TIP NOZZLE - 4.3 X 1.0
18	DNPN3060	RECTANGULAR TIP NOZZLE - 3.1 X 1.3
19	DNPN3070	RECTANGULAR TIP NOZZLE - 4.3 X 1.3
20	DNPN3080	RECTANGULAR TIP NOZZLE - 5.9 X 1.3
21	DNPN 3090	RECTANGULAR TIP NOZZLE - 4.4 X 1.8
22	DNPN3100	RECTANGULAR TIP NOZZLE - 6.0 X 1.8
23	DNPN3110	RECTANGULAR TIP NOZZLE - 8.4 X 1.8
24	DNPN3120	RECTANGULAR TIP NOZZLE - 6.1 X 2.5
25	DNPN3130	RECTANGULAR TIP NOZZLE - 8.5 X 2.5
26	DNPN3140	RECTANGULAR TIP NOZZLE - 11.5 X 2.5
27	DNPN3150	RECTANGULAR TIP NOZZLE - 8.7 X 3.7
28	DNPN3160	RECTANGULAR TIP NOZZLE - 11.7 X 3.7
29	DNPN3170	RECTANGULAR TIP NOZZLE - 16.7 X 3.7
30	DNPN3180	RECTANGULAR TIP NOZZLE - 11.8 X 5.0
31	DNPN3190	RECTANGULAR TIP NOZZLE - 16.8 X 5.0
32	DNPN3200	RECTANGULAR TIP NOZZLE - 22.8 X 5.0





FUJI NXT H08/H12 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	AA056	NXT H08/H12 NOZZLE - 0.4 (DIAMOND TIP)
02	AA057	NXT H08/H12 NOZZLE - 0.7 (DIAMOND TIP)
03	AA058	NXT H08/H12 NOZZLE - 1.0 (DIAMOND TIP)
04	AA20A	NXT H08/H12 NOZZLE - 1.3 (DIAMOND TIP)
05	AA064	NXT H08/H12 NOZZLE - 1.3 (MELF)
06	AA20B	NXT H08/H12 NOZZLE - 1.8
07	AA19G	NXT H08/H12 NOZZLE - 1.8 (MELF)
08	AA20C	NXT H08/H12 NOZZLE - 2.5
09	AA0WT	NXT H08/H12 NOZZLE - 2.5 (RUBBER CUP)
10	AA20D	NXT H08/H12 NOZZLE - 3.75
11	AA18C	NXT H08/H12 NOZZLE - 3.75 (RUBBER CUP)
12	AA20E	NXT H08/H12 NOZZLE - 5.0
13	AA063	NXT H08/H12 NOZZLE - 5.0 (RUBBER CUP)

FUJI NXT H04 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	AA06W	NXT H04 NOZZLE - 1.0 (DIAMOND TIP)
02	AA06X	NXT H04 NOZZLE - 1.3 (DIAMOND TIP)
03	AA06Y	NXT H04 NOZZLE - 1.8
04	AA06Z	NXT H04 NOZZLE - 2.5
05	AA07F	NXT H04 NOZZLE - 2.5 (RUBBER CUP)
06	AA07A	NXT H04 NOZZLE - 3.75
07	AA07G	NXT H04 NOZZLE - 3.75 (RUBBER CUP)
08	AA07B	NXT H04 NOZZLE - 5.0
09	AA07H	NXT H04 NOZZLE - 5.0 (RUBBER CUP)
10	AA07C	NXT H04 NOZZLE - 7.0
11	AA07K	NXT H04 NOZZLE - 7.0 (RUBBER CUP)
12	AA07D	NXT H04 NOZZLE - 10.0
13	AA07L	NXT H04 NOZZLE - 10.0 (RUBBER CUP)
14	AA07E	NXT H04 NOZZLE - 15.0
15	AA07M	NXT H04 NOZZLE - 15.0 (RUBBER CUP)

FUJI NXT H01 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	AA0AS/ AA067	NXT H01 NOZZLE - 1.0 (DIAMOND TIP)
02	AA0AX/ AA746/ AA068	NXT H01 NOZZLE - 1.3 (DIAMOND TIP)
03	AA0MZ	NXT H01 NOZZLE - 1.3 (MELF)
04	AA0HS/ AA069/ AA747/ AA0HL	NXT H01 NOZZLE - 1.8
05	AA11R	NXT H01 NOZZLE - 1.8 (MELF)
06	AA0HT/ AA748/ AA0700/ AA0HM	NXT H01 NOZZLE - 2.5
07	AA084/ AA752/ AA08410	NXT H01 NOZZLE - 2.5 (RUBBER CUP)
08	AA0HW/ AA749/ AA07100/ AA0HN	NXT H01 NOZZLE - 3.75
09	AA085/ AA753	NXT H01 NOZZLE - 3.75 (RUBBER CUP)
10	AA0HX/ AA750/ AA07900/ AA0HR	NXT H01 NOZZLE - 5.0
11	AA072/ AA754	NXT H01 NOZZLE - 5.0 (RUBBER CUP)
12	AA080/ AA751/ AA080	NXT H01 NOZZLE - 7.0
13	AA073/ AA755/ AA731	NXT H01 NOZZLE - 7.0 (RUBBER CUP)
14	AA081/ AA802	NXT H01 NOZZLE - 10.0
15	AA074/ AA756/ AA07410	NXT H01 NOZZLE - 10.0 (RUBBER CUP)
16	AA082	NXT H01 NOZZLE - 15.0
17	AA075/ AA75700/ AA07510	NXT H01 NOZZLE - 15.0 (RUBBER CUP)
18	AA083	NXT H01 NOZZLE - 20.0
19	AA076/ AA75800/ AA07610	NXT H01 NOZZLE - 20.0 (RUBBER CUP)

HITACHI GXH-1/ GXH-3 HIGH SPEED NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	630 128 4842	HITACHI GXH-1/ GXH-3 NOZZLE HA10
02	630 152 8267	HITACHI GXH-1/ GXH-3 NOZZLE HV31
03	630 132 2322	HITACHI GXH-1/ GXH-3 NOZZLE PV01
04	630 129 2878	HITACHI GXH-1/ GXH-3 NOZZLE HV01
05	630 152 8472	HITACHI GXH-1/ GXH-3 NOZZLE HV51
06	630 153 2523	HITACHI GXH-1/ GXH-3 NOZZLE PV02
07	630 158 9084	HITACHI GXH-1/ GXH-3 NOZZLE HV81
08	630 129 2885	HITACHI GXH-1/ GXH-3 NOZZLE HV02
09	630 129 2892	HITACHI GXH-1/ GXH-3 NOZZLE HV03
10	630 129 2908	HITACHI GXH-1/ GXH-3 NOZZLE HB03
11	630 129 2915	HITACHI GXH-1/ GXH-3 NOZZLE HB04
12	630 129 2922	HITACHI GXH-1/ GXH-3 NOZZLE HA04
13	630 129 2939	HITACHI GXH-1/ GXH-3 NOZZLE HA05
14	630 129 2946	HITACHI GXH-1/ GXH-3 NOZZLE HA09
15	630 137 5472	HITACHI GXH-1/ GXH-3 NOZZLE HA11
16	630 133 5407	HITACHI GXH-1/ GXH-3 NOZZLE PA05
17	630 135 0295	HITACHI GXH-1/ GXH-3 NOZZLE PA07

HITACHI GXH-1/ GXH-3 MEDIUM SIZE NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	630 136 2359	HITACHI GXH-1/ GXH-3 NOZZLE RA04
02	630 136 2366	HITACHI GXH-1/ GXH-3 NOZZLE RA05
03	630 136 2373	HITACHI GXH-1/ GXH-3 NOZZLE RA06
04	630 136 2328	HITACHI GXH-1/ GXH-3 NOZZLE RV01
05	630 136 0799	HITACHI GXH-1/ GXH-3 NOZZLE VA06
06	630 136 2267	HITACHI GXH-1/ GXH-3 NOZZLE VA07
07	630 131 2217	HITACHI GXH-1/ GXH-3 NOZZLE VE11
08	630 149 1608	HITACHI GXH-1/ GXH-3 NOZZLE VE41
09	630 129 8214	HITACHI GXH-1/ GXH-3 NOZZLE VF01
10	630 129 8252	HITACHI GXH-1/ GXH-3 NOZZLE VF02
11	630 130 9255	HITACHI GXH-1/ GXH-3 NOZZLE VF05
12	630 130 9262	HITACHI GXH-1/ GXH-3 NOZZLE VF06
13	630 143 8887	HITACHI GXH-1/ GXH-3 NOZZLE VF07
14	630 142 4613	HITACHI GXH-1/ GXH-3 NOZZLE VY05

HITACHI GXH-1/ GXH-3 MULTIFUNCTION NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	630 132 9253	HITACHI GXH-1/ GXH-3 NOZZLE FA04
02	630 132 9266	HITACHI GXH-1/ GXH-3 NOZZLE FA05
03	630 132 9277	HITACHI GXH-1/ GXH-3 NOZZLE FA06
04	630 132 9284	HITACHI GXH-1/ GXH-3 NOZZLE FF01
05	630 133 2611	HITACHI GXH-1/ GXH-3 NOZZLE FF02
06	630 132 9079	HITACHI GXH-1/ GXH-3 NOZZLE ZA04
07	630 132 9093	HITACHI GXH-1/ GXH-3 NOZZLE ZA06
08	630 132 9109	HITACHI GXH-1/ GXH-3 NOZZLE ZF01



I-PULSE M1 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	LG0-M7701-00X	I-PULSE M001 NOZZLE OD : 0.4 X 0.5 ID: (0.25) (DIAMOND TIP)
02	LG0-M7703-00X	I-PULSE M002 NOZZLE OD : 0.6 X 0.9 ID: (0.45) (DIAMOND TIP)
03	LG0-M7705-00X	I-PULSE M003 NOZZLE OD : 1.3 / ID : 0.7
04	LG0-M7707-00X	I-PULSE M004 NOZZLE OD : 1.8 / ID : 1.2
05	LG0-M7709-00X	I-PULSE M005 NOZZLE OD : 3.0 / ID : 2.0
06	LG0-M770B-00X	I-PULSE M006 NOZZLE OD : 4.5 / ID : 3.5 **
07	LG0-M770E-00X	I-PULSE M012 NOZZLE OD : 2.0 / ID : 0.8 **
08	LG0-M770G-00X	I-PULSE M013 NOZZLE OD: 2.5 / ID : 1.2 **
09	LG0-M770H-00X	I-PULSE M017 NOZZLE OD: 3.5 (W/RUBBER PAD)
10	LG0-M770K-00X	I-PULSE M018 NOZZLE OD: 6.0 (W/RUBBER PAD)
11	LG0-M770M-00X	I-PULSE M019 NOZZLE (W/RUBBER PAD)
12	LG0-M770P-00X	I-PULSE M020 NOZZLE (W/RUBBER PAD) **

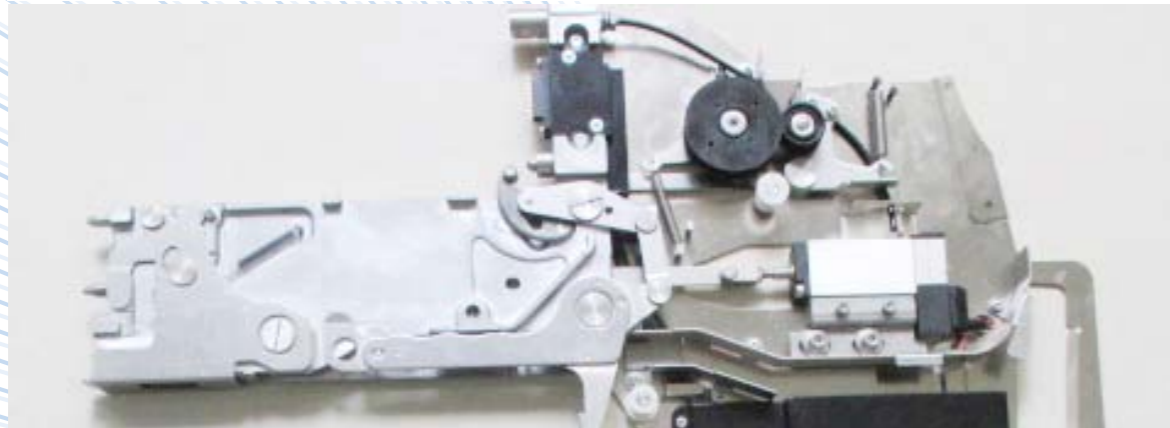
Note: ** Sample require to fabricate.

I-PULSE M2 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	LC1-M7703-000	I-PULSE N002 NOZZLE OD : 0.9 X 0.62 (DIAMOND TIP) 42TO04336
02	LC1-M7705-000	I-PULSE N003 NOZZLE OD : 1.3 / ID: 0.9 42TO04337
03	LC1-M7707-00	I-PULSE N004 NOZZLE 42TO04338
04	LC1-M7709-00	I-PULSE N005 NOZZLE 42TO04339
05	LC1-M770B-00	I-PULSE N006 NOZZLE 42TO04340
06	-----	I-PULSE N012 NOZZLE 42TO04341
07	LC1-M770F-00	I-PULSE N013 NOZZLE 42TO04342
08	LC1-M770H-00	I-PULSE N017 NOZZLE 42TO04343
09	LC1-M770K-00	I-PULSE N018 NOZZLE 42TO04344
10	-----	I-PULSE N019 NOZZLE 42TO04345
11	-----	I-PULSE N020 NOZZLE 42TO04346
12	LC1-M7704-000	I-PULSE N022 NOZZLE (DIAMOND TIP)
13	LC1-M770S-00	I-PULSE N002 NOZZLE (SPRING LOADED) (DIAMOND TIP)
14	LC6-M7712-00	I-PULSE N031 NOZZLE (SPRING LOADED) (DIAMOND TIP)
15	-----	I-PULSE N032 NOZZLE (SPRING LOADED) (DIAMOND TIP)
16	LC6-M7716-00	I-PULSE N033 NOZZLE (SPRING LOADED) (DIAMOND TIP)
17	SLYYM113G-00	I-PULSE N198 NOZZLE

I-PULSE M7 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	LC6-M7709-00	I-PULSE P005 NOZZLE
02	LC6-M770K-00	I-PULSE P018 NOZZLE (RUBBER CUP)
03	LC6-M7712-00	I-PULSE P031 NOZZLE (SPRING LOADED) (DIAMOND TIP)
04	LG0-M771R-03	I-PULSE P032 (P042) NOZZLE (SPRING LOADED) (DIAMOND TIP)
05	LG0-M117U-03	I-PULSE P033 NOZZLE (SPRING LOADED) (DIAMOND TIP)
06	LC6-M7718-00	I-PULSE P034 NOZZLE (SPRING LOADED) (DIAMOND TIP)



JUKI NOZZLE ASSEMBLY

NO.	PART NO.	PART DESCRIPTION
01	E3501-721-0A0	JUKI NOZZLE 101 ASSEMBLY 1.0 / 0.4
02	E3502-721-0A0	JUKI NOZZLE 102 ASSEMBLY 1.5 / 1.0
03	E3503-721-0A0	JUKI NOZZLE 103 ASSEMBLY 3.0 / 1.7
04	E3504-721-0A0	JUKI NOZZLE 104 ASSEMBLY 4.0 / 3.2
05	E3505-721-0A0	JUKI NOZZLE 105 ASSEMBLY 6.5 / 5.0 (W/RUBBER PAD)
06	E3506-721-0A0	JUKI NOZZLE 106 ASSEMBLY 9.5 / 8.0 (W/RUBBER PAD)
07	E3551-721-0A0	JUKI NOZZLE 201 ASSEMBLY 3.5 / 1.5 (W/RUBBER PAD)
08	E3552-721-0A0	JUKI NOZZLE 202 ASSEMBLY 5.5 / 3.2 (W/RUBBER PAD)
09	E3553-721-0A0	JUKI NOZZLE 203 ASSEMBLY 8.5 / 5.0 (W/RUBBER PAD)
10	E3554-721-0A0	JUKI NOZZLE 204 ASSEMBLY 9.5 / 8.0 (W/RUBBER PAD)
11	E3511-721-0A0	JUKI HOUSING/INNER (FOR 101/102)

JUKI PICK UP NOZZLE (TIP/ SLIDER)

NO.	PART NO.	PART DESCRIPTION
01	E3521-721-000	JUKI NOZZLE 101 TIP/SLIDER 1.0 / 0.4
02	E3522-721-000	JUKI NOZZLE 102 TIP/SLIDER 1.5 / 1.0
03	E3523-721-000	JUKI NOZZLE 103 TIP/SLIDER 3.0 / 1.7
04	E3524-721-000	JUKI NOZZLE 104 TIP/SLIDER 4.0 / 3.2
05	E3587-700-000	JUKI NOZZLE 105 TIP/SLIDER 6.5 / 5.0 (W/RUBBER PAD)
06	E3001-705-000	JUKI NOZZLE 106 TIP/SLIDER 9.5 / 8.0 (W/RUBBER PAD)
07	E3571-721-000	JUKI NOZZLE 201 TIP/SLIDER 3.5 / 1.5 (W/RUBBER PAD)
08	E3572-721-000	JUKI NOZZLE 202 TIP/SLIDER 5.5 / 3.2 (W/RUBBER PAD)
09	E3573-721-000	JUKI NOZZLE 203 TIP/SLIDER 8.5 / 5.0 (W/RUBBER PAD)
10	E3574-721-000	JUKI NOZZLE 204 TIP/SLIDER 9.5 / 8.0 (W/RUBBER PAD)

JUKI PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	E4255-760-000	JUKI ATC BIT 1 PICK UP NOZZLE 1.2 / 0.8
02	E4256-760-000	JUKI ATC BIT 2 PICK UP NOZZLE 2.0 / 0.8
03	E4256-760-000	JUKI ATC BIT 2 PICK UP NOZZLE 2.0 / 1.4
04	E4257-760-000	JUKI ATC BIT 3 PICK UP NOZZLE 4.2
05	E4257-760-000	JUKI ATC BIT 4 PICK UP NOZZLE 5.5



JUKI KE2010/2020/2030/2040 NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	E3608-729-0A0	JUKI NOZZLE 500 ASSY. 1.0 X 0.5 (1005/1608)
02	E3600-729-0A0	JUKI NOZZLE 501 ASSY. 0.7X0.4 / ID: 0.2 X 2 HOLES (0603)
03	E3601-729-0A0	JUKI NOZZLE 502 ASSY. 0.7 / 0.4 (1005)
04	E3602-729-0A0	JUKI NOZZLE 503 ASSY. 1.0 / 0.6 (1608)
05	E3603-729-0A0	JUKI NOZZLE 504 ASSY. 1.6 / 1.0
06	E3604-729-0A0	JUKI NOZZLE 505 ASSY. 3.5 / 1.7
07	E3605-729-0A0	JUKI NOZZLE 506 ASSY. 5.0 / 3.2
08	E3606-729-0A0	JUKI NOZZLE 507 ASSY. 8.5 / 5.0
09	E3607-729-0A0	JUKI NOZZLE 508 ASSY. 9.5 / 8.0
10	E3615-729-0A0	JUKI NOZZLE 510 ASSY (MELF)
11	E3616-729-0A0	JUKI NOZZLE 511 ASSY (MELF)
12	E3617-729-0A0	JUKI NOZZLE 512 ASSY 9.0 X 1.6
13	E3618-729-0A0	JUKI NOZZLE 513 ASSY 6.0 X 1.2
14	E3619-729-0A0	JUKI NOZZLE 514 ASSY 9.0 X 1.2
15	E3620-729-0A0	JUKI NOZZLE 515 ASSY 4.0 X 1.0
16	E3621-729-0A0	JUKI NOZZLE 516 ASSY 9.0 X 0.9
17	E3622-729-0A0	JUKI NOZZLE 517 ASSY 9.0 X 3.4
18	E3627-729-0A0	JUKI NOZZLE 518 ASSY 9.0 X 2.2
19	E3623-721-0A0	JUKI GRIPPER NOZZLE 800
20	E3624-721-0A0	JUKI GRIPPER NOZZLE 801
21	E3625-721-0A0	JUKI GRIPPER NOZZLE 802
22	E365X-729-000	JUKI NOZZLE 500 TIP/SLIDER. 1.0 X 0.5 (1005/1608)
23	E3651-729-000	JUKI NOZZLE 501 TIP/SLIDER. 0.7 / 0.2
24	E3654-729-000	JUKI NOZZLE 502 TIP/SLIDER. 0.7 / 0.4
25	E3655-729-000	JUKI NOZZLE 503 TIP/SLIDER. 1.0 / 0.6
26	E3656-729-000	JUKI NOZZLE 504 TIP/SLIDER. 1.6 / 1.0
27	E3658-729-000	JUKI NOZZLE 505 TIP/SLIDER. 3.5 / 1.7
28	E3660-729-000	JUKI NOZZLE 506 TIP/SLIDER. 5.0 / 3.2
29	E3661-729-000	JUKI NOZZLE 507 TIP/SLIDER. 8.5 / 5.0
30	E3662-729-000	JUKI NOZZLE 508 TIP/SLIDER. 9.5 / 8.0

JUKI KD 775 DISPENSING NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	E3401 - 802 - 000	KD775 DISP NZ. S 2D/1S 0.6 / 0.3 P = 0.7
02	E3406 - 802 - 000	KD775 DISP NZ. M 2D/2S 0.7 / 0.4 P = 1.0
03	E3411 - 802 - 000	KD775 DISP NZ. L 1D/1S 0.9 / 0.6 P = 1.5
04	E3416 - 802 - 000	KD775 DISP NZ. LL 2D/2S 1.3 / 0.9 P = 2.0
05	E3421 - 802 - 000	KD775 DISP NZ. 2D/2S 0.7 / 0.4 P = 0.9

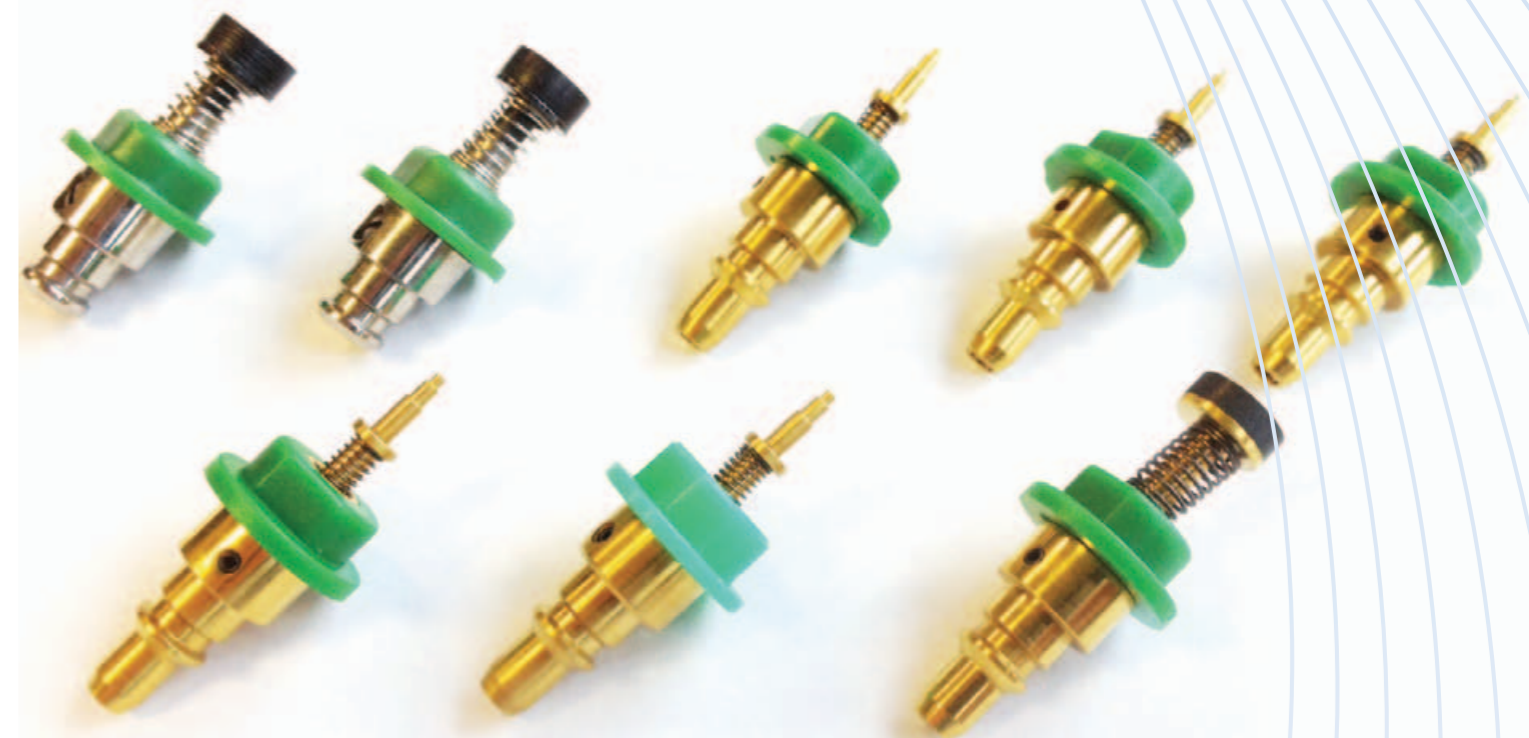


JUKI KD 780 DISPENSING NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	-----	KD780 DISP NZ. S 2D/1S 0.6 / 0.3 P = 0.7
02	-----	KD780 DISP NZ. M 2D/2S 0.7 / 0.4 P = 1.0
03	-----	KD780 DISP NZ. L 1D/1S 0.9 / 0.6 P = 1.5
04	-----	KD780 DISP NZ. LL 2D/2S 1.3 / 0.9 P = 2.0
05	-----	KD780 DISP NZ. XL 4D/2S 1.3 / 0.9 P = 1.5
06	-----	NOZZLE ADAPTOR

JUKI KE2050/2060/2080/FX-1 NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	400-11046	JUKI NOZZLE 500 ASSY
02	400-01339	JUKI NOZZLE 501 ASSY
03	400-01340	JUKI NOZZLE 502 ASSY
04	400-01341	JUKI NOZZLE 503 ASSY
05	400-01342	JUKI NOZZLE 504 ASSY
06	E3603-729-0A0	JUKI NOZZLE 504 ASSY
07	400-01343	JUKI NOZZLE 505 ASSY
08	400-01344	JUKI NOZZLE 506 ASSY
09	400-01345	JUKI NOZZLE 507 ASSY
10	400-01346	JUKI NOZZLE 508 ASSY
11	-----	JUKI NOZZLE 510 ASSY (MELF)
12	-----	JUKI NOZZLE 511 ASSY (MELF)



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KME CM82C-ME PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	1218C1 - 12092	CM82C - ME NOZZLE 0.6 / 0.4 (1005)
02	1218C1 - 12082	CM82C - ME NOZZLE 0.9 / 0.6 (1608)
03	1218C1 - 12072	CM82C - ME NOZZLE 1.2 / 0.8 (2125)
04	1218C1 - 12062	CM82C - ME NOZZLE 1.6 / 1.1 (3216)
05	1218C1 - 12112	CM82C - ME NOZZLE 3.0 / 2.2 (4532)
06	1218C1 - 12132	CM82C - ME NOZZLE 01.3 / 0.9(MELF)

KME CM82C-MG PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	1227G0 - 12091	CM82C - MG NOZZLE 0.6 / 0.4 (1005)
02	1227G0 - 12081	CM82C - MG NOZZLE 0.9 / 0.6 (1608)
03	1227G0 - 12071	CM82C - MG NOZZLE 1.2 / 0.8 (2125)
04	1227G0 - 12061	CM82C - MG NOZZLE 1.6 / 1.1 (3216)
05	1227G0 - 12111	CM82C - MG NOZZLE 3.0 / 2.2 (4532)
06	1227G0 - 12131	CM82C - MG NOZZLE 01.3 / 0.9 (MELF)

KME CM 86 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	1222C2 - 11131	CM86 NOZZLE 1.5X 0.8 / 0.4 (1005)
02	1222C2 - 11131	CM86 NOZZLE 0.65 / 0.45 (1005)
03	1222C2 - 11141	CM86 NOZZLE 0.9 / 0.6 (1608)
04	1222C2 - 11150	CM86 NOZZLE 1.3 / 0.9 (2125)
05	1222C2 - 11161	CM86 NOZZLE 1.3 / 0.9 (MELF)
06	1222C2 - 11170	CM86 NOZZLE 1.8 / 1.3 (3216)
07	1222C2 - 11190	CM86 NOZZLE 4.0 / 3.0 (4532)

KME CM88C-M PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	1231C111115	CM88C-M NOZZLE 0.65 / 0.45 (1005) (W13VA)
02	1231C111165	CM88C-M NOZZLE 0.9 / 0.6 (1608) (W13YA)
03	1231C111125	CM88C-M NOZZLE 1.2 / 0.8 (2125) (W13XA)
04	1231C111145	CM88C-M NOZZLE 1.8 / 1.3 (3216) (W13WA)
05	1231C111153	CM88C-M NOZZLE 3.0 / 2.2 (SOP) (W13ZA)

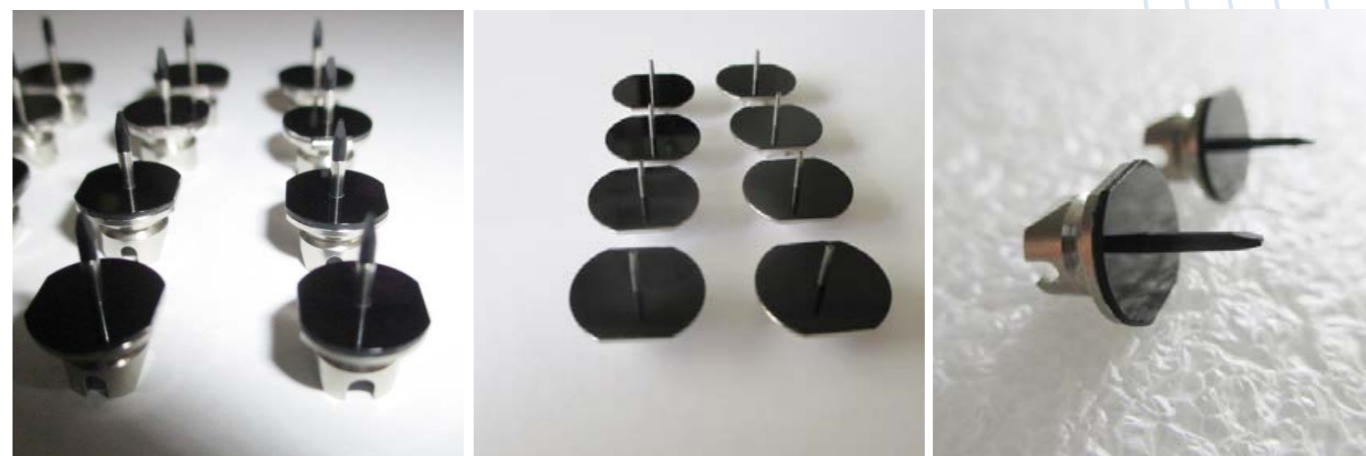


KME CM92/95-RM PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	11510	CM92/95 - RM NOZZLE 0.8 / 0.5
02	11520	CM92/95 - RM NOZZLE 1.2 / 0.9
03	11520	CM92/95 - RM NOZZLE 1.3 / 0.9
04	11530	CM92/95 - RM NOZZLE 1.6 / 1.2
05	11540	CM92/95 - RM NOZZLE 3.0 / 2.3
06	11550	CM92/95 - RM NOZZLE 4.5 / 3.8
07	11560	CM92/95 - RM NOZZLE 6.0 / 2.6 (W/RUBBER PAD)
08	11570	CM92/95 - RM NOZZLE 8.0 / 3.5 (W/RUBBER PAD)
08	11580	CM92/95 - RM NOZZLE 10.0 / 6.0 (W/RUBBER PAD)
08	11590	CM92/95 - RM NOZZLE 15.0 X 10.0 (MOULDED RUBBER PAD)
09	11600	CM92/95 - RM NOZZLE 1.3 / 0.5 (MELF)
10	11660	CM92/95 - RM NOZZLE 4.5 / 3.8
11	11670	CM92/95 - RM NOZZLE 6.0 / 2.6 (W/RUBBER PAD)
12	11680	CM92/95 - RM NOZZLE 8.0 / 3.5 (W/RUBBER PAD)
13	11690	CM92/95 - RM NOZZLE 10.0 / 6.0 (W/RUBBER PAD)
14	11700	CM92/95 - RM NOZZLE 15.0 X 10.0 (MOULDED RUBBER PAD)
15	11710	CM92/95 - RM NOZZLE 10.0 / 6.0 (W/RUBBER PAD)

KME CM92-MT PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	1011C1 - 19010	CM92 - MT PICK UP NOZZLE 1.3 / 0.7
02	1011C1 - 19020	CM92 - MT PICK UP NOZZLE 1.3 / 1.0
03	1011C1 - 19030	CM92 - MT PICK UP NOZZLE 3.0 / 1.8
04	1011C1 - 19040	CM92 - MT PICK UP NOZZLE 4.0 / 2.5
05	1011C1 - 19050	CM92 - MT PICK UP NOZZLE 4.5 / 3.8
06	1011C1 - 19060	CM92 - MT PICK UP NOZZLE 5.0 / 1.0
07	1011C1 - 19070	CM92 - MT PICK UP NOZZLE 2.0 / 0.9
08	1011C1 - 19080	CM92 - MT PICK UP NOZZLE 3.0 / 2.5
09	1011C1 - 19013	CM92 - MT PICK UP NOZZLE 7.0 / 5.0
10	1011C1 - 19100	CM92 - MT PICK UP NOZZLE 4.0 / 2.0
11	1011C1 - 19120	CM92 - MT PICK UP NOZZLE 3.0 / 1.5





KME CM/ DT/ NPM SERIES HIGH SPEED HEAD NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	KXFX04MSA00/ KXFX0383A00/ KXFX03DGA01	NOZZLE 110
02	KXFX04MTA00/ KXFX037NA00/ KXFX03DHA01	NOZZLE 115
03	KXFX04MUA00/ KXFX0384A00/ KXFX03DJA01	NOZZLE 120
04	KXFX04MVA00/ KXFX0385A00/ KXFX03DKA01	NOZZLE 130
05	KXFX04MXA00/ KXFX0386A00/ KXFX03DPA01	NOZZLE 140
07	-----	NOZZLE 205C (CERAMIC TIP)
08	-----	NOZZLE 206C (CERAMIC TIP)
09	N610040782AA	NOZZLE 225C (CERAMIC TIP)
10	N610040783AA	NOZZLE 226C (CERAMIC TIP)
11	-----	NOZZLE 230C (CERAMIC TIP)
12	N610043814AA	NOZZLE 235C (CERAMIC TIP)
13	N610017371AC	NOZZLE 110S
14	N610017372AC	NOZZLE 115S
15	N610017373AC	NOZZLE 120S
16	N610017375AC	NOZZLE 130S
17	-----	NOZZLE 140S
18	-----	NOZZLE 205CS (CERAMIC TIP)
19	-----	NOZZLE 206CS (CERAMIC TIP)
20	N610040786AA	NOZZLE 225CS (CERAMIC TIP)
21	N610040787AA	NOZZLE 226CS (CERAMIC TIP)
22	N610040788AA	NOZZLE 230CS (CERAMIC TIP)
23	N610043815AA	NOZZLE 235CS (CERAMIC TIP)

KME CM/ DT/ NPM SERIES MULTIFUNCTIONAL HEAD NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	KXFW1ASAA00/ KXFX037SA00/ KXFX03DSA00	NOZZLE 1001
02	KXFW1ATAA00/ KXFX037TA00/ KXFX03DUA00	NOZZLE 1002
03	KXFW1OYAA00/ KXFX037UA00/ KXFX03DWA00	NOZZLE 1003
04	KXFW1AUA00/ KXFX037VA00/ KXFX03DYA00	NOZZLE 1004
05	KXFW1AVAA00/ KXFX037WA00/ KXFX03E0A00	NOZZLE 1005

KME BD20/BD30 DISPENSING NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	10HJC0	BD20/30D DISP. NZ. 2D/2S 0.7 / 0.4 P = 0.8
02	10HKC0	BD20/30D DISP. NZ. 2D/2S 0.8 / 0.5 P = 1.0
03	10HLC0	BD20/30D DISP. NZ. 2D/2S 1.0 / 0.7 P = 2.0
04	10HFC0	BD20/30D DSP. NZ. 4D/2S 1.0 / 0.7 P = 1.5
05	10HGC0	BD20/30D DISP. NZ. 1D/1S 0.7 / 0.4

KME BD10/BD12 DISPENSING NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	1016C3 (BD12)	BD10S / 12S DISP. NZ. 2D/2S 0.8 / 0.5 P = 1.0
02	1017C3 (BD12)	BD10S / 12S DISP. NZ. 2D/2S 1.0 / 0.7 P = 2.0
03	1020C3 (BD12)	BD10S / 12S DISP. NZ. 2D/2S 0.7 / 0.4 P = 0.8
04	1021C3 (BD12)	BD10S / 12S DISP. NZ. 4D/2S 1.3 / 0.9 P = 1.5
05	1020C3-M	BD10S / 12S DISP. NZ. 2D/2S 0.63 / 0.4 P = 0.7

PANASERT MV2 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	-----	MV2 # 1 NOZZLE - 0.5
02	0175015K09	MV2 # 1 NOZZLE - 0.8 (TAPERED TIP)
03	10201530000	MV2 # 2 NOZZLE - 1.2
04	1020179561	MV2 # 2 NOZZLE - 1.6
05	1020106016	MV2 # 3 (L) NOZZLE 2.0
06	1020179490	MV2 # 3 (L) NOZZLE 2.5
07	102017950001	MV2 # 3 (L) NOZZLE 3.0
08	1020175011	MV2 # 4 (LL) NOZZLE 4.0
09	102017501101	MV2 # 4 (LL) NOZZLE 5.5
10	102024790220	MV2 # 5 (LLL) NOZZLE 8.0

PANASERT MV PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	1020179380 K	MV # 1 NOZZLE A - 0.8 (W REFLECTOR)
02	1020179381	MV # 2 NOZZLE B - 1.2
03	1020179381 K	MV # 2 NOZZLE B - 1.2 (W REFLECTOR)
04	1020179561	MV # 2 NOZZLE B - 1.6
05	1020106016	MV # 3 NOZZLE C - 2.0
06	1020179490	MV # 3 NOZZLE C - 2.5
07	-----	MV # 3 NOZZLE C - 3.0
08	1020153051	MV # 3 NOZZLE C - 3.5
09	1020179065	MV # 4 NOZZLE D - 4.0
10	1020153061	MV # 4 NOZZLE D - 5.5

PANASERT MV2C/ MV2F PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	104277327104	MV2C NOZZLE - SX (0.6X0.5) (DIAMOND TIP)
02	1022478181	MV2C NOZZLE - SS 'X' (1.4X0.8) (DIAMOND TIP)
03	1042875151	MV2C NOZZLE - SA (1.0X0.8) (DIAMOND TIP)
04	102247818103	MV2F NOZZLE - SS (1.4X0.8) (DIAMOND TIP)
05	102247848603	MV2F NOZZLE - MA (1.8X1.2) (DIAMOND TIP)
06	1020179680	MV2 # 2 NOZZLE 1.2 (MELF)
07	1020153001K	MV2 # 2 NOZZLE 1.2 (MELF - W REFLECTOR)
08	1022465171	MV2 # 2 NOZZLE 1.6 (MELF)
09	P2020179001	MV2 # 2 NOZZLE 2.0 (MELF)

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PANASERT MV REFLECTOR (SMALL)		
NO.	PART NO.	PART DESCRIPTION
01	1022465002 01	MV2 # 2 MV REFLECTOR - 1.2 (SMALL)
02	1022410132 02	MV2 # 2 MV REFLECTOR - 1.6 (SMALL)
03	1022410133 02	MV2 # 3 MV REFLECTOR - 3.0 (SMALL)
04	1022410134 02	MV2 # 4 MV REFLECTOR - 5.5
05	102247948601	MV2 # 4 MV REFLECTOR - 5.5 (W/AL BUSH)
05	----	MV2 # 4 MV REFLECTOR - 6.8 (W/AL BUSH)
06	1022410135 02	MV2 # 5 MV REFLECTOR - 8.0
PANASERT MV REFLECTOR (BIG)		
NO.	PART NO.	PART DESCRIPTION
01	1020179732	MV REFLECTOR - 1.6 (BIG)
02	1020179501	MV REFLECTOR - 2.0 (BIG)
PANASERT MV REFLECTOR		
NO.	PART NO.	PART DESCRIPTION
01	1022465721	MV ORANGE REFLECTOR M - 1.6
02	1022465731	MV ORANGE REFLECTOR L - 3.0
03	1022465741	MV ORANGE REFLECTOR LL - 5.5
04	1022465751	MV ORANGE REFLECTOR LLL - 8.0
05	1022465761	MV ORANGE REFLECTOR MA - 6.8
PANASERT MPA / MPA-G1 PICK UP NOZZLE		
NO.	PART NO.	PART DESCRIPTION
01	1015679101	MPA CENTRALING CHUCK - S (3 HOLES)
02	1015679201	MPA CENTRALING CHUCK - M (SINGLE HOLE)
03	1015689214	MPA CENTRALING CHUCK - L **
04	1018520412	MPA NOZZLE - S (SPECIFY:4X4/5X5/6X6)
05	1015660021	MPA NOZZLE - M (10X10)
06	1018520310	MPA NOZZLE - L (12x12)
07	2120220KA09	MPA-G1 NOZZLE - S (W/REFLECTOR)
08	2120200KA04	MPA-G1 NOZZLE - M (W/REFLECTOR)
09	2120210KA04	MPA-G1 NOZZLE - L (W/REFLECTOR)
PANASERT MPA/ MPA-G1 NOZZLE PARTS.		
NO.	PART NO.	PART DESCRIPTION
01	1018589335 01	MPA-G1 REFLECTOR / FLANGE
02	1015660023	MPA-G1 GUIDE PIN
PANASERT MK PICK UP NOZZLE		
NO.	PART NO.	PART DESCRIPTION
01	6188021	MK NOZZLE - 1 HOLE
02	6188593	MK NOZZLE - 3 HOLE
03	6189336	MK NOZZLE - L



PANASERT MPAV PICK UP NOZZLE		
NO.	PART NO.	PART DESCRIPTION
01	1040308610	MPAV NOZZLE - SS (1.5 X 1.0) (DIAMOND TIP)
02	1040308620	MPAV NOZZLE - S (1.8 X 1.2) (DIAMOND TIP)
03	1040308630	MPAV NOZZLE - M (4.0X3.4)
04	1040308670	MPAV NOZZLE - S (CONNECTOR)
05	1040308680	MPAV NOZZLE - M (CONNECTOR)
06	1040318750	MPAV NOZZLE - QFP-PAD NOZZLE
07	1040338340	MPAV NOZZLE - M (BINARY)
PANASERT MPAG3/MPAV2B NOZZLE (FULL ASSY.)		
NO.	PART NO.	PART DESCRIPTION
01	1047008600	MPAG3/2VB NOZZLE - SA (1.0 X 0.8) (DIAMOND TIP)
02	1047008620	MPAG3/2VB NOZZLE - S (1.7 X 1.2) (DIAMOND TIP)
03	1047008630	MPAG3/2VB NOZZLE - M (4.0 X 3.4)
04	1047008670	MPAG3/2VB NOZZLE - S (6.0 X 1.5) CONNECTOR
05	1047008680	MPAG3./2VB NOZZLE - M (14 X 2.1) CONNECTOR
06	1047018760	MPAG3/2VB NOZZLE - ML (6.0/2.4)
07	1045918750	MPAG3/2VB NOZZLE - L (10.66X6.0)
08	1045908130	MPAG3/2VB NOZZLE - MELF (1.26/0.87)
PANASERT MPAG3/MPAV2B/MSF PICK UP NOZZLE (TIP ONLY)		
NO.	PART NO.	PART DESCRIPTION
01	1045908004 03	MPAG3/2VB/MSF NOZZLE - SA (1.0 X 0.8) (DIAMOND TIP)
02	1045908014 03	MPAG3/2VB/MSF NOZZLE - S (1.7 X 1.2) (DIAMOND TIP)
03	1045908024 03	MPAG3/2VB/MSF NOZZLE - M (4.0 X 3.4)
04	1045908214 03	MPAG3/2VB/MSF NOZZLE - S (7.0 X 1.5) CONNECTOR
05	1045908224 03	MPAG3./2VB/MSF NOZZLE - M (14 X 2.1) CONNECTOR.
07	10470187626 01	MPAG3/2VB/MSF NOZZLE - ML (6.0/2.4) PAD HOLDER + PAD
08	1045908048 03	MPAG3/2VB/MSF NOZZLE - L (10.66X6.0) PAD HOLDER + PAD
09	1045908136 01	MPAG3/2VB/MSF NOZZLE - MELF (1.26/0.87)
10	1045908125	MPAG3/2VB/MSF NOZZLE - M (2.4 / 2.0 / ID:1.0) PERMEATION



PANASERT MPAG3/ MPAV2B NOZZLE PARTS.

NO.	PART NO.	PART DESCRIPTION
01	1045908012 09	MPAG3/MPAV2B FLANGE/HOUSING
02	1045908044 02	MPAG3/MPAV2B SPRING
03	1045908045	MPAG3/MPAV2B WASHER
04	1045908069	MPAG3/MPAV2B SPRING
05	1040318756	MPAG3/MPAV2B SHAFT
06	1045908015	MPAG3/MPAV2B GUIDE PIN
07	1045908019	MPAG3/MPAV2B RING
08	XPJ2A6FW	MPAG3/MPAV2B PARALLER PIN

PANASERT MSF PICK UP NOZZLE (FULL ASSY)

NO.	PART NO.	PART DESCRIPTION
01	10807GH811AA	MSF PICK UP NOZZLE - SS (1.0 X 0.8) (1080788110) (DIAMOND TIP)
02	10807GH812AA	MSF PICK UP NOZZLE - S (1.7 X 1.2) (1080788120) (DIAMOND TIP)

PANASERT BM133/231 PICK UP NOZZLE (FULL ASSY)

NO.	PART NO.	PART DESCRIPTION
01	10807GH811AG	BM NOZZLE ASSEMBLY - SA (1.0 X 0.8) (DIAMOND TIP)
02	10807GH812AG	BM NOZZLE ASSEMBLY - S (1.7 X 1.2) (DIAMOND TIP)
03	10807GH813AG	BM NOZZLE ASSEMBLY - M (4.0 X 3.4)
04	10807GH814AF	BM NOZZLE ASSEMBLY 6.0/2.4
05	10807GJ813AL	BM NOZZLE ASSEMBLY- MELF (1.26/0.87)

PANASERT MQ NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	X70513010	MQ PICK UP NOZZLE -5.0
02	X70513011	MQ PICK UP NOZZLE -7.0
03	X70513012	MQ PICK UP NOZZLE - 5 HOLES (SMALL)
04	X70513013	MQ PICK UP NOZZLE - 5 HOLES (BIG)

PANASERT MSH 2 NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	101878181002	MSH 2 NZ - S (DIAMOND TIP). (1.5X1.0)
02	102378926502	MSH 2 NZ.- S (DIAMOND TIP) (1.8X1.2)
03	1021206250AC	MSH 2 NOZZLE - M
04	1021206240AD	MSH 2 NOZZLE - L (ANGLE DISK)
05	1023810350	MSH 2 NOZZLE - L (FLAT DISK)
06	1020806005 01	MSH 2 NOZZLE HOOK

PANASERT MSH 3 NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	10443101004	MSH 3 NZ - S (DIAMOND TIP) (1.5 X 1.0)
02	-----	MSH 3 NZ - S (DIAMOND TIP) (1.8 X 1.2)
03	104431020002	MSH 3 PICK UP NOZZLE - M (LARGE DISK)

PANASERT MMC NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	X01B40035	MMC NZ (1.0 X 0.8) (DIAMOND TIP)
02	X00R1000903	MMC NZ (1.7 X 1.2) (DIAMOND TIP)

PANASERT MSR/ HT122 NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	10468S0003	MSR NZ - VS (1.0 X 0.64) (DIAMOND TIP) (1046878705)
02	10468S0004	MSR NZ - S (1.6 X 1.06) (DIAMOND TIP) (1046878710/ 10468S0016)
03	1046710134	MSR NOZZLE - M (1.60mm) (104687871504/ 10467S0010AA)
04	10467S0001	MSR NOZZLE - L (3.00mm) (1046878720/10467S0021)
05	10467S0002	MSR NOZZLE - LL (5.50mm) (1046878725/10467S0022)
06	10467S0003	MSR NOZZLE - LLL (8.00mm)
07	10467101181 2	MSR HOLDER/SLIDE SHAFT

PANASERT MCF PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	1083408601	MCF PICK UP NOZZLE - SS 5.5/3.9 (1.0 X 0.8) (DIAMOND TIP)
02	1083408701	MCF PICK UP NOZZLE - SX 5.5/3.9 (0.6 X 0.5) (DIAMOND TIP)
03	1083498001	MCF PICK UP NOZZLE - MS 2.1/1.7
04	1083498011	MCF PICK UP NOZZLE - M 3.0/2.4
05	1083498021	MCF PICK UP NOZZLE - ML 5.5/4.5
07	1083498031	MCF PICK UP NOZZLE - L 7.0/6.0
08	1083498041	MCF PICK UP NOZZLE - LL 7.0/6.0
09	1083498061	MCF PICK UP NOZZLE - MELF 1.2/0.8
10	108344880103	MCF PICK UP NOZZLE - MELF 1.6/1.25
11	108340867102	MCF PICK UP NOZZLE - CONNECTOR (NEED SAMPLE)
12	108340868102	MCF PICK UP NOZZLE - CONNECTOR (NEED SAMPLE)
13	108341844102	MCF PICK UP NOZZLE - CONNECTOR (NEED SAMPLE)
14	108340880102	MCF PICK UP NOZZLE - CONNECTOR (NEED SAMPLE)
15	108340887102	MCF PICK UP NOZZLE - CONNECTOR (NEED SAMPLE)
16	108340888102	MCF PICK UP NOZZLE - CONNECTOR (NEED SAMPLE)
17	108341857102	MCF PICK UP NOZZLE - CONNECTOR (NEED SAMPLE)
18	108341861102	MCF PICK UP NOZZLE - CONNECTOR (NEED SAMPLE)
19	108340828102	MCF PICK UP NOZZLE - CONNECTOR (NEED SAMPLE)
20	108341829102	MCF PICK UP NOZZLE - CONNECTOR (NEED SAMPLE)
21	108341854102	MCF PICK UP NOZZLE - CONNECTOR (NEED SAMPLE)



PANASERT DISPENSING NOZZLE (DETACH)

NO.	PART NO.	PART DESCRIPTION
01	-----	NOZZLE VS 2D/2S 0.63/ 0.4 P = 0.7
02	1021570402	NOZZLE VS 1D/1S 0.7/ 0.4
03	1021570412	NOZZLE S 2D/2S 0.7/ 0.4 P = 1.0
04	1021570422	NOZZLE L 4D/1S 0.8/ 0.5 P = 3.0
05	1021570432	NOZZLE S 2D/2S 0.7/ 0.4 P = 0.8
06	1021570542	NOZZLE L 2D/1S 1.0/ 0.7 P = 3.0
07	1021570552	NOZZLE L 2D/1S 1.3/ 0.9 P = 3.0
08	-----	NOZZLE L 2D/1S 0.8/ 0.5 P = 1.0
09	1021570562	NOZZLE S 2D/1S 0.8/ 0.5 P = 1.2
10	1021570572	NOZZLE S 2D/2S 0.8/ 0.5 P = 1.3

PANASERT DISPENSING NOZZLE (DETACH)

NO.	PART NO.	PART DESCRIPTION
01	1040840014	NOZZLE VS 1D/1S 0.7/ 0.4
02	1040840024	NOZZLE S 2D/2S 0.7/ 0.4 P = 1.0
03	1040840034	NOZZLE L 4D/1S 0.8/ 0.5 P = 3.0
04	1040870771	NOZZLE VS 1D/1S 0.6/ 0.3
05	1040870461	NOZZLE S 2D/2S 0.7/ 0.4 P = 1.0
06	-----	NOZZLE VS 2D/2S 0.6/ 0.3 P = 0.7
07	-----	NOZZLE S 2D/2S 0.6/ 0.3 P = 0.9

PANASERT DISPENSING NOZZLE ASSEMBLY

NO.	PART NO.	PART DESCRIPTION
01	-----	NOZZLE VS 2D/2S 0.63/ 0.4 P = 0.7
'02	1021570400	NOZZLE VS 1D/1S 0.7/ 0.4
02	1021570410	NOZZLE S 2D/2S 0.7/ 0.4 P = 1.0
04	1021570420	NOZZLE L 4D/1S 0.8/ 0.5 P = 3.0
05	1021570430	NOZZLE S 2D/2S 0.7/ 0.4 P = 0.8
06	1021570540	NOZZLE L 2D/1S 1.06/ 0.7 P = 3.0
07	1021570550	NOZZLE L 2D/1S 1.26/ 0.9 P = 3.0
08	1021570560	NOZZLE S 2D/1S 0.8/ 0.5 P = 1.2
09	1021570570	NOZZLE S 2D/2S 0.8/ 0.5 P = 1.3



COMPLETE NOZZLE ASSEMBLY (BIG BODY)

NO.	PART NO.	PART DESCRIPTION
01	1017445070	NOZZLE VS 1D/1S 0.7 / 0.4
02	1017445050	NOZZLE S 2D/2S 0.7 / 0.4 P = 1.0
03	1017445090	NOZZLE L 4D/1S 0.8 / 0.5 P = 3.0
04	6145210	NOZZLE S 2D/2S 0.7 / 0.4 P = 0.8
05	6145190	NOZZLE L 2D/1S 1.06 / 0.7 P = 3.0
06	6145061S	NOZZLE L 2D/1S 1.26 / 0.9 P = 3.0
07	6145340	NOZZLE S 2D/1S 0.8 / 0.5 P = 1.2
08	6145071S	NOZZLE S 2D/2S 0.8 / 0.5 P = 1.3

PANASERT HDF DISPENSING NOZZLE (DETACH)

NO.	PART NO.	PART DESCRIPTION
01	10430 59 700	HDF DISP. NOZZLE 1D/1S 0.6/0.3
02	10430 59 710	HDF DISP. NOZZLE 2D/2S 0.7/ 0.4 P = 1.0
03	10430 59 720	HDF DISP. NOZZLE 4D/1S 0.9/ 0.6 P = 3.0
04	10483 70 220	HDF DISP. NOZZLE 2D/2S 0.7/0.4 P=0.8
05	10483 70 240	HDF DISP. NOZZLE 2D/2S 0.6/ 0.3 P = 0.8
06	10483 70 260	HDF DISP. NOZZLE 2D/2S 1.3/ 0.9 P= 3.0
07	10483 70 410	HDF DISP. NOZZLE 2D/2S 0.6/ 0.3 P = 0.8
08	10483 70 420	HDF DISP. NOZZLE 2D/2S 0.8/ 0.5 P= 1.0

PANASERT HOUSING/BODY

NO.	PART NO.	PART DESCRIPTION
01	1021570401	NOZZLE BODY



SAMSUNG CP-20 / 40 PICK UP NOZZLE (QUAD)

NO.	PART NO.	PART DESCRIPTION
01	----	SAMSUNG PICK UP NOZZLE XG 1.0 / 0.5
02	----	SAMSUNG PICK UP NOZZLE XH 1.4 / 0.8
03	----	SAMSUNG PICK UP NOZZLE XI 2.2 / 1.4
04	----	SAMSUNG PICK UP NOZZLE AA 4.0 / 2.4
05	----	SAMSUNG PICK UP NOZZLE BA 6.2 / 4.0
06	----	SAMSUNG PICK UP NOZZLE QE 9.0 / 7.5
07	----	SAMSUNG PICK UP NOZZLE QF 12.5 / 10.0

SAMSUNG CP - 20/ 40 PICK UP NOZZLE (QUAD)

NO.	PART NO.	PART DESCRIPTION
01	2101938	SAMSUNG PICK UP NOZZLE 1.0 / 0.45 (N045)
02	2101939	SAMSUNG PICK UP NOZZLE 1.5 / 0.8 (N08)
03	2101940	SAMSUNG PICK UP NOZZLE 2.7 / 1.4 (N14)
04	2101941	SAMSUNG PICK UP NOZZLE 4.0 / 2.4 (N24)
05	2101942	SAMSUNG PICK UP NOZZLE 6.2 / 4.0 (N40)
06	2101943	SAMSUNG PICK UP NOZZLE 9.0 / 7.5 (N75)
07	2101944	SAMSUNG PICK UP NOZZLE (N110)



SAMSUNG CP 45 PICK UP NOZZLE (QUAD)

NO.	PART NO.	PART DESCRIPTION
01	----	SAMSUNG CP45 NOZZLE 0.8 / 0.28 (TN03) (DIAMOND TIP)
02	J7055246A	SAMSUNG CP45 NOZZLE 0.75 / 0.38 (TN04) (DIAMOND TIP)
03	J7055267A	SAMSUNG CP45 NOZZLE 1.2 / 0.65 (TN65) (DIAMOND TIP)
04	J7055131C	SAMSUNG CP45 NOZZLE 2.2 / 1.4 (TN14)
05	J7055132C	SAMSUNG CP45 NOZZLE 3.6 / 2.2 (TN22)
06	J7055133C	SAMSUNG CP45 NOZZLE 6.2 / 4.0 (TN40)
07	J7055135C	SAMSUNG CP45 NOZZLE 9.0 / 7.5 (TN75)
08	J7055137C	SAMSUNG CP45 NOZZLE 12.7 / 11 (TN110)

SAMSUNG CP45 NEO NOZZLE (QUAD)

NO.	PART NO.	PART DESCRIPTION
01	J9055133B	SAMSUNG CP45 NEO NOZZLE 0.7 / 0.28 (CN030) (DIAMOND TIP)
02	J9055134B	SAMSUNG CP45 NEO NOZZLE 0.75 / 0.38 (CN040) (DIAMOND TIP)
03	J9055135B	SAMSUNG CP45 NEO NOZZLE 1.2 / 0.65 (CN065) (DIAMOND TIP)
04	J9055138B	SAMSUNG CP45 NOZZLE 2.2 / 1.4 (CN140)
05	J9055139B	SAMSUNG CP45 NOZZLE 3.6 / 2.2 (CN220)
06	J9055218A	SAMSUNG CP45 NOZZLE 6.2 / 4.0 (CN400N)
07	J9055142B	SAMSUNG CP45 NOZZLE 9.0 / 7.5 (CN750)
08	J9055143B	SAMSUNG CP45 NOZZLE 12.7 / 11 (CN110)

SAMSUNG CP60 NOZZLE (QUAD)

NO.	PART NO.	PART DESCRIPTION
01	J9055069B	SAMSUNG CP60 NOZZLE 0.8 / 0.3 (TN030) (DIAMOND TIP)
02	J9055070B	SAMSUNG CP60 NOZZLE 1.0 / 0.45 (TN045) (DIAMOND TIP)
03	J9055071B	SAMSUNG CP60 NOZZLE 1.5 / 0.7 (TN070) (DIAMOND TIP)
04	J9055072C	SAMSUNG CP60 NOZZLE 2.2 / 1.4 (TN140)
05	J9055073C	SAMSUNG CP60 NOZZLE 4.0 / 2.4 (TN240)
06	J9055074C	SAMSUNG CP60 NOZZLE 6.0 / 4.0 (TN400)



TCM 41 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	6300153460	TCM 41 PICK UP NOZZLE 1.8 (2125)

TCM 60 PICK UP NOZZLE

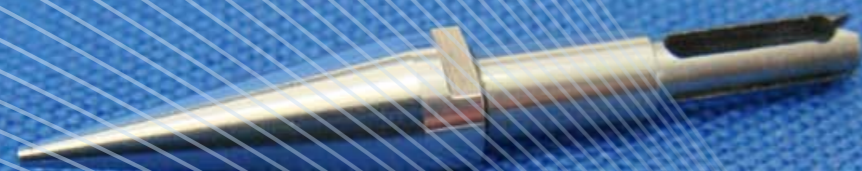
NO.	PART NO.	PART DESCRIPTION
01	630008N001	TCM - 60 PICK UP NOZZLE V (TYPE: N001)
02	6300084443	TCM - 60 PICK UP NOZZLE 1.8 (TYPE: N002)
03	6300084450	TCM - 60 PICK UP NOZZLE 4.0 (TYPE: N003)
04	630008N004	TCM - 60 PICK UP NOZZLE 6.0 (TYPE: N004)
05	630008N005	TCM - 60 PICK UP NOZZLE 1.8 / 6 HOLES (TYPE: N005)

TDM 2-TDM 65 DISPENSING NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	6300513325	TDM 2 - 65 DISP. NZ 1D / 1S 0.7 / 0.4
02	6300513073	TDM 2 - 65 DISP. NZ 1D / 1S 0.8 / 0.5
03	6300512946	TDM 2 - 65 DISP. NZ 2D / 1S 0.8 / 0.5 P=1.4
04	6300513448	TDM 2 - 65 DISP. NZ 2D / 2S 0.53 / 0.3 P=0.8
05	6300526783	TDM 2 - 65 DISP. NZ 2D / 2S 0.7 / 0.4 P=0.9
06	6300513004	TDM 2 - 65 DISP. NZ 2D / 2S 0.8 / 0.5 P=1.0
07	6300513165	TDM 2 - 65 DISP. NZ 2D / 2S 1.47 / 1.07 P=1.8

TCM-V1000 PICK UP NOZZLE (HSP)

NO.	PART NO.	PART DESCRIPTION
01	TCM - V1000 - N81	TCM - V1000 PICK UP NOZZLE 0.6 / 0.3
02	TCM - V1000 - N11	TCM - V1000 PICK UP NOZZLE 0.9 / 0.6
03	TCM - V1000 - N71	TCM - V1000 PICK UP NOZZLE 1.3 / 0.8
04	TCM - V1000 - N21	TCM - V1000 PICK UP NOZZLE 1.8 / 1.0
05	TCM - V1000 - N41	TCM - V1000 PICK UP NOZZLE 3.0 / 2.0
06	TCM - V1000 - N31	TCM - V1000 PICK UP NOZZLE 6.0
07	TCM - V1000 - N51	TCM - V1000 PICK UP NOZZLE 1.3 (MELF)
08	TCM - V1000 - N61	TCM - V1000 PICK UP NOZZLE 2.5



TCM -V1100 PICK UP NOZZLE (HSP)

NO.	PART NO.	PART DESCRIPTION
01	6300435269	TCM - V1100 PICK UP NOZZLE 0.9 / 0.6 (N11)
02	6300434576	TCM - V1100 PICK UP NOZZLE 1.3 / 0.8 (N71)
03	6300434521	TCM - V1100 PICK UP NOZZLE 1.8 / 1.0 (N21)
04	6300434545	TCM - V1100 PICK UP NOZZLE 3.0 / 2.0 (N41)

TDM 1000 DISPENSING NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	TDM - 1000 - 0050	DISP. NZ. 1D / 1S 0.9 / 0.6
02	TDM - 1000 - 1110	DISP. NZ. 2D / 2S 0.7 / 0.4 P = 0.9 Gap=0.08
03	TDM - 1000 - 1120	DISP. NZ. 2D / 2S 0.7 / 0.4 P = 0.9 Gap=0.15
04	TDM - 1000 - 2120	DISP. NZ. 2D / 2S 0.8 / 0.5 P = 1.3
05	TDM - 1000 - 3130	DISP. NZ. 2D / 2S 1.5 / 1.1 P = 1.8
06	TDM - 1000 - 4320	DISP. NZ. 2D / 2S 0.7 / 0.4 P = 0.9
07	TDM - 1000 - 5520	DISP. NZ. 2D / 2S 0.8 / 0.5 P = 1.1

TCM 3000 PICK UP NOZZLE (HSP)

NO.	PART NO.	PART DESCRIPTION
01	6300529586	TCM 3000 - NOZZLE 0.6 / 0.4 (Z81)
02	6300523609	TCM 3000 - NOZZLE 1.5 / 0.5 **
03	6300529616	TCM 3000 - NOZZLE 1.8 / 0.5 **
04	6300529517	TCM 3000 - NOZZLE 0.9 / 0.7 (Z11)
05	6300529579	TCM 3000 - NOZZLE 1.3 / 0.9 (Z71)
06	6300529524	TCM 3000 - NOZZLE 1.8 / 1.1 (Z21)
07	6300529548	TCM 3000 - NOZZLE 3.0 / 2.0 (Z41)
08	6300529531	TCM 3000 - NOZZLE 6.0 / 4.5 **
09	6300529555	TCM 3000 - NOZZLE 1.3 / 0.9 (MELF)
10	6300529562	TCM 3000 - NOZZLE 2.5 / 1.2 (MELF) **

Note: ** Sample required to fabricate.

TDM 3000 DISPENSING NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	630 068 1314	TDM 3000 - DISP. NZ. 2D/2S 0.7 / 0.4 P = 0.9
02	630 070 9414	TDM 3000 - DISP. NZ. 2D/2S 0.8 / 0.5 P = 1.0
03	630 065 1338	TDM 3000 - DISP. NZ. 2D/2S 0.8 / 0.5 P = 1.3
04	630 068 1352	TDM 3000 - DISP. NZ. 2D/2S 0.9 / 0.6 P = 1.3
05	-----	TDM 3000 - DISP. NZ. 2D/2S 0.7 / 0.4 (INLINE)
06	-----	TDM 3000 - DISP. NZ. 2D/2S 0.9 / 0.6 (INLINE)



V820 / V822 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	6300298673	V820 / V822 NOZZLE 0.5
02	6300322590	V820 / V822 NOZZLE 0.9
03	6300322606	V820 / V822 NOZZLE 1.3
04	6300298604	V820 / V822 NOZZLE 1.8
05	6300298611	V820 / V822 NOZZLE 1.8
06	6300298635	V820 / V822 NOZZLE 3.0
07	6300298628	V820 / V822 NOZZLE 6.0
08	6300310726	V820 / V822 NOZZLE 1.3 (MELF)
09	6300298659	V820 / V822 NOZZLE 2.5 (MELF)

TIM 1000 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	GA04	TIM 1000 PICK UP NOZZLE
02	GA05	TIM 1000 PICK UP NOZZLE
03	GA06	TIM 1000 PICK UP NOZZLE

TIM 5000 PICK UP NOZZLE

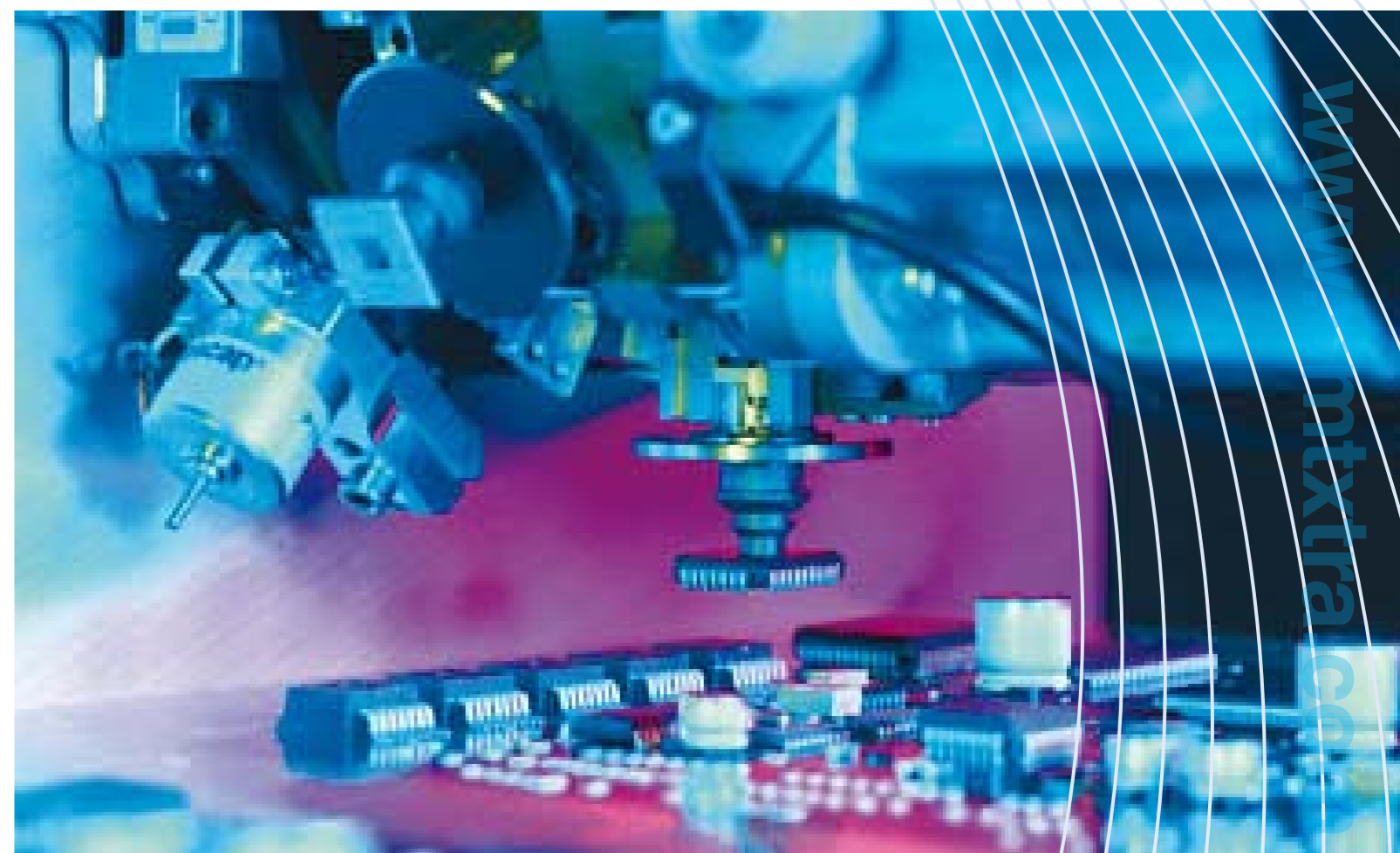
NO.	PART NO.	PART DESCRIPTION
01	6300759044	TIM 5000 PICK UP NOZZLE 1.8 / 1.1 (MA04)
02	6300759051	TIM 5000 PICK UP NOZZLE 3.0 / 2.0 (MA05)
03	6300759068	TIM 5000 PICK UP NOZZLE 5.0 / 3.0 (MA06)
04	6300298604	TIM 5000 PICK UP NOZZLE 8.0 / 3.0 (MF01)
05	-----	TIM 5000 PICK UP NOZZLE 12.0 / 8.0 (MF02)
06	-----	TIM 5000 PICK UP NOZZLE 1.3 / 0.9 (MB03) (MELF)
07	-----	TIM 5000 PICK UP NOZZLE 0.9 / 1.3 (MV03)
08	-----	TIM 5000 PICK UP NOZZLE 5.2 X 1.0 (SG03)
09	-----	TIM 5000 GRIPPER NOZZLE (MC43)
10	-----	TIM 5000 GRIPPER NOZZLE (ME04)

TIM X100 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	-----	TIM X100 PICK UP NOZZLE 1.8 / 1.1 (EA04)
02	-----	TIM X100 PICK UP NOZZLE 3.0 / 2.0 (EA05)
03	-----	TIM X100 PICK UP NOZZLE 5.0 / 3.0 (EA06)
04	-----	TIM X100 PICK UP NOZZLE 8.0 / 3.0 (EF01)
05	-----	TIM X100 PICK UP NOZZLE 1.3 / 0.9 (MB03) (MELF)
06	-----	TIM X100 PICK UP NOZZLE 12.0 / 8.0 (EF02)
07	-----	TIM X100 PICK UP NOZZLE 1.3 / 0.9 (EV03)
08	-----	TIM X100 PICK UP NOZZLE 5.2 X 1.0 (KG03)
09	-----	TIM X100 GRIPPER NOZZLE (EE04)

SIEMENS CERAMIC NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	00322603-02	SIEMENS CERAMIC NOZZLE 701/901 (6PCS / PACK)
02	00322602-02	SIEMENS CERAMIC NOZZLE 704/904 (6PCS /PACK)
03	00333652-05	SIEMENS CERAMIC NOZZLE 725/925 (6PCS/ PACK)



SONY REFLECTOR

NO.	PART NO.	PART DESCRIPTION
01	-----	SONY REFLECTOR (22 BIG)

SONY SS-H PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	X-0935-001-05	SONY TYPE 1 PICK UP NOZZLE 0.8[(STRAIGHT]
02	X-0935-001-05	SONY TYPE 1 PICK UP NOZZLE 0.8 [TAPERED]
03	X-0935-001-5M	SONY TYPE 1 PICK UP NOZZLE 0.8 [MELF]
04	X-0935-002-05	SONY TYPE 2 PICK UP NOZZLE 1.25 [(STRAIGHT]
05	X-0935-002-05	SONY TYPE 2 PICK UP NOZZLE 1.25 [TAPERED]
06	X-0935-002-05M	SONY TYPE 2 PICK UP NOZZLE 1.25 [MELF]
07	X-935-120-00	SONY TYPE 3 PICK UP NOZZLE 2.0
08	X-964-698-00	SONY TYPE 3 PICK UP NOZZLE 2.5
09	X-935-121-00	SONY TYPE 4 PICK UP NOZZLE 4.0
10	-----	SONY TYPE 5 PICK UP NOZZLE 5.5
11	X-935-122-00	SONY TYPE 5 PICK UP NOZZLE 8.0

SONY SS-H2F PICK UP NOZZLE (EXTENDED DRILL)

NO.	PART NO.	PART DESCRIPTION
01	SONY-6G-ED	SONY PICK UP NOZZLE 0.6/ 0.3 (6G)
02	SONY-9G-ED	SONY PICK UP NOZZLE 0.9/ 0.6 (9G)
03	SONY-12G-ED	SONY PICK UP NOZZLE 1.2/ 0.8 (12G)

SONY SS-H PICK UP NOZZLE (BLACK TIP)

NO.	PART NO.	PART DESCRIPTION
01	SONY-0504-BT	SONY PICK UP NOZZLE 0.5/ 0.4 (DRWG 0224)
02	SONY-0504T-BT	SONY PICK UP NOZZLE 0.5/ 0.4 (Tapered Tip) (DRWG 0224)
	SONY-1007-BT	SONY PICK UP NOZZLE 1.0/ 0.7 (DRWG 0292)
03	SONY-0805-BT	SONY PICK UP NOZZLE 2.0 / 0.8X0.5 (DRWG 0113)

Feature: 1. Special Reflector. 2. Black - Diamond Coating Tip.

SONY SS-U2 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	A-8416-024-A	SONY SSU PICK UP NOZZLE 103 0.8/ 0.5
02	A-8416-025-A	SONY SSU PICK UP NOZZLE 104 1.26/ 0.9
01	A-8416-026-A	SONY SSU PICK UP NOZZLE 302 2.0/ 1.4
01	A-8416-027-A	SONY SSU PICK UP NOZZLE 303 2.5/ 2.0
01	A-8416-028-A	SONY SSU PICK UP NOZZLE 304 3.0/ 2.2
01	A-8416-029-A	SONY SSU PICK UP NOZZLE 305 5.5/ 4.5

Some images are for design purposes only and may belong to another brand in this catalogue
We stock many nozzles for leading brands and the images displayed are some of our in stock items.

For the most up to date information just contact our sales team who will be happy to help!

SONY SS-AD DISPENSING NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	-----	SONY DISPENSING NOZZLE 2D/2S 0.8 / 0.5
02	-----	SONY DISPENSING NOZZLE 2D/2S 1.2 / 0.9
03	-----	SONY DISPENSING NOZZLE 4D/1S 0.8 / 0.5

SONY SI-E1000/ SI-F130 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	A-8417-333	SONY E1000 PICK UP NOZZLE 0.45/ 0.2 - AF05021 (DIAMOND TIP)
02	A-8471-334	SONY E1000 PICK UP NOZZLE 0.6/ 0.4 - AF06040
03	A-8417-335	SONY E1000 PICK UP NOZZLE 0.6/ 0.4 - AF06041 (DIAMOND TIP)
04	A-8417-336	SONY E1000 PICK UP NOZZLE 0.8/ 0.5 - AF08050
05	A-8417-337	SONY E1000 PICK UP NOZZLE 1.0/ 0.7 - AF10070
06	A-8417-338	SONY E1000 PICK UP NOZZLE 1.0/ 0.7 - AF10071 (DIAMOND TIP)
07	A-8417-339	SONY E1000 PICK UP NOZZLE 1.2/ 0.8 - AF12080
08	A-8417-340	SONY E1000 PICK UP NOZZLE 2.55/ 2.0 - AF25200
09	A-8417-341	SONY E1000 PICK UP NOZZLE 4.0/ 3.0 - AF40300 **
10	A-8417-342	SONY E1000 PICK UP NOZZLE 6.0/ 4.0 - AF60400 **
11	A-8417-332	SONY E1000 PICK UP NOZZLE 1.2/ 0.8 - AB12080 **
12	A-8417-433	SONY E1000 PICK UP NOZZLE 2.5/ 2.0 - AB25200 **
13	A-8417-432	SONY E1000 PICK UP NOZZLE 4.0/ 3.0 - AB40300 **
14	A-8417-434	SONY E1000 PICK UP NOZZLE 6.0/ 4.0 - AB60400 **

Note: ** Sample required to fabricate.

SONY SI-E2000 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	A-8417-236T	SONY E2000 NOZZLE TIP/SLIDER ONLY 2.0/ 1.5 - CF20150
02	A-8336-437T	SONY E2000 NOZZLE TIP/SLIDER ONLY 2.5/ 2.0 - CF25200
03	A-8336-438T	SONY E2000 NOZZLE TIP/SLIDER ONLY 3.0/ 2.5 - CF30250
04	A-8336-439T	SONY E2000 NOZZLE TIP/SLIDER ONLY 6.0/ 5.0 - CF60500
05	A-8336-440	SONY E2000 NOZZLE TIP/SLIDER ONLY 10.0/ 9.0 - CF00900
06	A-8417-236	SONY E2000 NOZZLE TIP/SLIDER (SQUARE TYPE) -CFREC01
07	A-8417-405	SONY E2000 NOZZLE TIP/SLIDER (SQUARE TYPE) -CFREC06
08	A-8417-406	SONY E2000 NOZZLE TIP/SLIDER (SQUARE TYPE) -CFREC07
09	A-8417-408	SONY E2000 NOZZLE TIP/SLIDER (SQUARE TYPE) -CFREC09

Note: Custom-made (CFRECXX) size for connector available upon request. Required connector sample.



UNIVERSAL GSM FLEXHEAD NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	45466933	GSM 120F MOLDED NOZZLE
02	5130510X	GSM 120F MOLDED NOZZLE (ESD)
03	45466916	GSM 125F COMPLIANT TIP NOZZLE
04	51305101	GSM 125F COMPLIANT TIP NOZZLE (ESD)
05	45466921	GSM 160F COMPLIANT TIP NOZZLE
06	45466931	GSM 234F MOLDED NOZZLE
07	52305102	GSM 234F MOLDED NOZZLE (ESD)
08	45466934	GSM 340F MOLDED NOZZLE
09	45466934E	GSM 340F MOLDED NOZZLE (ESD)
10	45466917	GSM 360F MOLDED NOZZLE
11	45466938	GSM 08MPF 5 HOLES NOZZLE
12	51305106	GSM 08MPF 5 HOLES NOZZLE (ESD)
13	45466936	GSM 10MPF 5 HOLES NOZZLE
14	51305105	GSM 10MPF 5 HOLES NOZZLE (ESD)
15	45466901	GSM 042F NOZZLE
16	45466902	GSM 058F NOZZLE
17	46514098	GSM 095F NOZZLE
18	45466903	GSM 109F NOZZLE
19	45466907	GSM 083F MELF NOZZLE
20	45466937	GSM 10MF MELF NOZZLE
21	46512202	GSM SLOT NOZZLE
22	46512203	GSM SLOT NOZZLE
23	46512208	GSM SLOT NOZZLE
24	46512215	GSM SLOT NOZZLE
25	46512217	GSM SLOT NOZZLE
26	46512219	GSM SLOT NOZZLE
27	46512222	GSM SLOT NOZZLE
28	46424429	GSM 360F FOAM TIP NOZZLE
29	46424465	GSM 1.0" PIPE W/FOAM TIP NOZZLE
30	49079056	GSM SPECIAL NOZZLE FOR SPRING



UNIVERSAL GSM FLEXJET NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	48503503	GSM FLEXJET 120F MOLDED NOZZLE
02	5130520X	GSM FLEXJET 120F MOLDED NOZZLE (ESD)
03	47561102/ 48503416	GSM FLEXJET 125F COMPLIANT TIP NOZZLE
04	51305206	GSM FLEXJET 125F COMPLIANT TIP NOZZLE (ESD)
05	47995077	GSM FLEXJET 160F COMPLIANT TIP NOZZLE
06	47561103/ 48503417	GSM FLEXJET 234F MOLDED NOZZLE
07	51305201	GSM FLEXJET 234F MOLDED NOZZLE (ESD)
08	47561104/ 48503407	GSM FLEXJET 340F MOLDED NOZZLE
09	51305202	GSM FLEXJET 340F MOLDED NOZZLE (ESD)
10	48503408	GSM FLEXJET 360F MOLDED NOZZLE
11	47561106	GSM FLEXJET 08MPF -5 HOLES NOZZLE
12	48503420	GSM FLEXJET 08MPF -5 HOLES NOZZLE (ESD)
13	47561101	GSM FLEXJET 10MPF -5 HOLES NOZZLE
14	48503410	GSM FLEXJET 10MPF -5 HOLES NOZZLE (ESD)
15	47561110	GSM FLEXJET NOZZLE 042MF
16	47995032/ 48503415	GSM FLEXJET 083MF MELF NOZZLE
17	47995048	GSM FLEXJET 058F NOZZLE
19	49960281	GSM FLEXJET 058C NOZZLE
18	47995064	GSM FLEXJET 095C NOZZLE
20	48316004	GSM FLEXJET 072C NOZZLE
21	47561117	GSM FLEXJET NOZZLE 603F
22	48503412	GSM FLEXJET NOZZLE 603F (ESD)
23	47561118	GSM FLEXJET NOZZLE 402F
24	48503413	GSM FLEXJET NOZZLE 402F (ESD)

UNIVERSAL GSM LIGHTNING HEAD NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	51234109	LIGHTNING HEAD NOZZLE 0603 (3430)
02	51305402	LIGHTNING HEAD NOZZLE 0603 (3530)
03	51305403	LIGHTNING HEAD NOZZLE 0805 (3540)
04	51305404	LIGHTNING HEAD NOZZLE 1206 (3550)
05	51305405	LIGHTNING HEAD NOZZLE 125F (3220)
06	51305407	LIGHTNING HEAD NOZZLE 234F (3240)
07	51305409	LIGHTNING HEAD NOZZLE 042MF (3320)
08	51305410	LIGHTNING HEAD NOZZLE 083MF (3340)
09	51305411	LIGHTNING HEAD NOZZLE 805 (3440)
10	51305412	LIGHTNING HEAD NOZZLE 1206 (3450)

UNIVERSAL GSM FLEXJET 2/3 NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	51305301	FLEXJET 2/3 NOZZLE 125F (1220) (ESD)
02	51305302	FLEXJET 2/3 NOZZLE 234F (1240) (ESD)
03	51305303	FLEXJET 2/3 NOZZLE 340F (1260) (ESD)
04	51305304	FLEXJET 2/3 NOZZLE 10MPF (1140) (ESD)
05	51305305	FLEXJET 2/3 NOZZLE 08MPFX (1120) (ESD)
06	51305306	FLEXJET 2/3 NOZZLE 083MF (1340)
07	51305307	FLEXJET 2/3 NOZZLE 042MF (1320)
08	51305309	FLEXJET 2/3 NOZZLE 0402 (1040) (ESD)
09	51305310	FLEXJET 2/3 NOZZLE 0603 (1060) (ESD)

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YAMAHA

YVL88 II/ YV100 II NOZZLE (EMERALD/TOPAZ II)

NO.	PART NO.	PART DESCRIPTION
01	KM0-M711A-02X	YVL88 / YV100 NOZZLE - A (TYPE 31) - (FIX) (DIAMOND TIP)
02	KM0-M711A-02X	YVL88 / YV100 NOZZLE - A (TYPE 31) - 'X' (FIX) (5322 360 10198) (DIAMOND TIP)
03	-----	YVL88 / YV100 NOZZLE - A (TYPE 31) - 'O' (FIX) (5322 360 10433) (DIAMOND TIP)
04	KM0-M711B-00X	YVL88 / YV100 NOZZLE - B (TYPE 32-1) (5322 360 10199)
05	KM0-M711C-00X	YVL88 / YV100 NOZZLE - C (TYPE 32-2) (5322 360 10201)
06	KM0-M711D-00X	YVL88 / YV100 NOZZLE - D (TYPE 33) (5322 360 10202)
07	KM0-M711E-00X	YVL88 / YV100 NOZZLE - E (TYPE 34) (5322 360 10203)
08	KM0-M711F-00X	YVL88 / YV100 NOZZLE - F (TYPE 35) MELF (5322 360 10272)
09	KM0-M711A-02R	YVL88 / YV100 NOZZLE - A (TYPE 39) -1.2/ 0.6 (ROUND TIP) SPRING LOADED (DIAMOND TIP)
10	KM0-M711A-302	YVL88 / YV100 NOZZLE - A (TYPE 31) - 'X' SPRING LOADED (1.2 X 0.8) (DIAMOND TIP) (5322 360 10425)
11	KM0-M711A-0807	YVL88 / YV100 NOZZLE - A (TYPE 31) - 'X' SPRING LOADED (0.8 X 0.7) (DIAMOND TIP)

YV112 PICK UP NOZZLE (COMET)

NO.	PART NO.	PART DESCRIPTION
01	KG2-M7191-100	YV112 PICK UP NOZZLE TYPE 1 0.9 / 0.5 (5322 360 10335)
02	KG2-M7191-200	YV112 PICK UP NOZZLE TYPE 2 1.4 / 0.8 (5322 479 60083)
03	KG2-M7191-300	YV112 PICK UP NOZZLE TYPE 3 3.0 / 2.0 (5322 479 60084)
04	KG2-M7191-400	YV112 PICK UP NOZZLE TYPE 4 6.0 / 4.0 (5322 360 10289)
05	KG2-M7191-500	YV112 PICK UP NOZZLE TYPE 5 10.0 / 8.0 (5322 360 10291)
06	-----	YV112 PICK UP NOZZLE 9 HOLES (9965 000 07827)

YMH / CSM 66/84 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	K38 - M7113 - H00	YMH PICK UP NOZZLE a, 1.1X0.7 / 0.4 (5322 479 60064)
02	K38 - M7113 - B03	YMH PICK UP NOZZLE b, 1.8X1.1 / 0.8 (5322 479 60075)
03	K38 - M7113 - C00	YMH PICK UP NOZZLE c, 3.0 / 2.0 (5322 479 60059)
04	K38 - M7113 - D01	YMH PICK UP NOZZLE d, 5.0 / 3.5 ** (5322 479 60061)
05	K38 - M7113 - E02	YMH PICK UP NOZZLE e, 1.1 / 0.7 (V) (5322 479 60062)

YM84 PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	KH - M7113 - B00	YM84 PICK UP NOZZLE ID : 0.7 (TYPE 2)
02	KH - M7113 - C00	YM84 PICK UP NOZZLE ID : 2.0 (TYPE 8)

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YM51VMII PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	KG9 - M7113 - 100	YM51VMII NOZZLE S, COMP. 3.0 / 1.0
02	KG9 - M7113 - 200	YM51VMII NOZZLE M 10.0 / 7.0
03	KG9 - M7113 - 300	YM51VMII NOZZLE L 15.0 / 12.0
Machine Type: YM51VMII, 53VTII, 58VAII, 100VPII		

YAMAHA YM51VM PICK UP NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	K94-M7113-10X	YM51VM NOZZLE L 12.0 / 10.0
02	K94-M7113-20X	YM51VM NOZZLE L 8.0 / 6.0
03	K94-M7113-30X	YM51VM NOZZLE L 3.0 / 2.1
Machine Type: YM51VM, 53VT, 58VA, 100VP		

YAMAHA YV100X/Xg NOZZLE (TOPAZ X/X II)

NO.	PART NO.	PART DESCRIPTION
01	-----	YV100X NOZZLE TIP - TYPE 7XF (0.8X0.7) (DIAMOND TIP)
02	KV8-M71U1-002	YV100X NOZZLE TIP - TYPE 71F (1.2X0.8) (DIAMOND TIP)
03	KV8-M71U2-001	YV100X NOZZLE TIP- TYPE 72F (0.92 X 1.75) ' X' (DIAMOND TIP)
05	KV8-M71U9-A01	YV100X NOZZLE TIP- TYPE 7WF (1.2 / 0.6) (DIAMOND TIP)
06	-----	YV100X NOZZLE TIP- TYPE 7WF (1.6 / 1.1) (DIAMOND TIP)
07	-----	YV100X NOZZLE ASSY - TYPE 7XF (DIAMOND TIP)
08	KV8-M71N1-A00	YV100X NOZZLE ASSY - TYPE 71F (DIAMOND TIP) (5322 360 10484)
09	KV8-M71N2-A00	YV100X NOZZLE ASSY - TYPE 72F (DIAMOND TIP) (5322 360 10485)
10	KV8-M71N3-A00	YV100X NOZZLE ASSY - TYPE 73F (5322 360 10486)
11	KV8-M71N9-A00	YV100X NOZZLE ASSY- TYPE 79F (1.2/0.6) (DIAMOND TIP)
12	KV8-M71U6-001	YV100X NOZZLE HOUSING
13	KV8-M7107-000	YV100X NOZZLE SPRING (5322 492 11797)
14	KV8-M7105-001	YV100X NOZZLE SCREW (5322 502 14663)
15	KV8-M7700-A0X	YAMAHA 7XA ASSY NOZZLE (0.8 X 0.7) (DIAMOND TIP) (9498 396 00344)
16	KV8-M7710-A0X	YAMAHA 71A ASSY NOZZLE (1.2 X 0.8) (DIAMOND TIP) (9466 029 62471)
17	KV8-M7720-A0X	YAMAHA 72A ASSY NOZZLE (1.7 X 0.94) (DIAMOND TIP) (9466 029 62481/ 9498 396 00345)
18	KV8-M7730-00X	YAMAHA 73A ASSY NOZZLE (9965 000 02777)
19	-----	YAMAHA 73A NEW TYPE (9466 029 62451) (5092C)
20	-----	YAMAHA 73SP NOZZLE (9965 000 09096)
21	KV8-M7740-A0X	YAMAHA 74A ASSY NOZZLE (532236010495)
22	KV8-M7760-00X	YAMAHA 76A ASSY NOZZLE (MELF) (5322 360 10496)
23	KV8-M7WL-A00	YAMAHA 79A ASSY NOZZLE (1.2/0.6) (DIAMOND TIP)



YAMAHA



YAMAHA

YAMAHA YV88X/Xg (EMERALD X/X II)

NO.	PART NO.	PART DESCRIPTION
01	KV7-M87GF-A0X-T	YV88X NOZZLE TIP- TYPE 69F (1.2/0.6) (DIAMOND TIP)
02	KGA-M71N1-A0-T	YV88X NOZZLE TIP - TYPE 61F (2 HOLE) (DIAMOND TIP)
03	KGA-M71N2-A0-T	YV88X NOZZLE TIP - TYPE 62F (0.92 X 1.75) (DIAMOND TIP)
04	KV7-M87GF-A0X	YV88X NOZZLE ASSY- TYPE 69F (1.2/0.6) (DIAMOND TIP)
05	KGA-M71N1-A0X	YV88X NOZZLE ASSY - TYPE 61F (2 HOLE) (DIAMOND TIP) (9965 000 04762)
06	KGA-M71N2-A0X	YV88X NOZZLE ASSY - TYPE 62F(0.92 X 1.75) (DIAMOND TIP) (9965 000 04761)
07	KV7-M71N3-A1X	YV88X NOZZLE ASSY - TYPE 63F (9965 000 04759)
08	KV7-M71N4-A0X	YV88X NOZZLE ASSY - TYPE 64F (9655 000 04758)
09	KV7-M71N5-A0X	YV88X NOZZLE ASSY - TYPE 65F (9655 000 04757)
10	KGA-M71N-H	YV88X NOZZLE HOUSING (FOR TYPE 6F/61F/62F)
11	KV7-M7700-0807	YV88X NOZZLE ASSY - TYPE 6XA (0.8X0.7) (DIAMOND TIP)
12	KV7-M77GX-A0X	YV88X NOZZLE ASSY- TYPE 6A (1.2/0.6) (DIAMOND TIP)
13	KV7-M7710-A1X	YV88X NOZZLE ASSY - TYPE 61A (2 HOLE) (DIAMOND TIP) (9466 029 62971)
14	KV7-M7720-A1X	YV88X NOZZLE ASSY - TYPE 62A(0.92 X 1.75) (DIAMOND TIP) (9466 029 62981)
15	KV7-M7730-A1X	YV88X NOZZLE ASSY - TYPE 63A (5322 360 10476)
16	KV7-M7740-A1X	YV88X NOZZLE ASSY - TYPE 64A (5322 360 10497)
17	KV7-M7750-A1X	YV88X NOZZLE ASSY - TYPE 65A (5322 530 51374)
18	KV7-M7760-00X	YV88X NOZZLE ASSY - TYPE 66A (MELF) (5322 360 10478)

YG200 PICK UP NOZZLE (MG2)

NO.	PART NO.	PART DESCRIPTION
01	KGT-M7710-A0X	YG200 NOZZLE 201A ASSY (DIAMOND TIP) (0.8 X 0.7) (9498 395 01479)
02	KGT-M7720-A0X	YG200 NOZZLE 202A ASSY (DIAMOND TIP) (1.7 X 0.94) (9498 396 01480)
03	KGT-M7730-A0X	YG200 NOZZLE 203A ASSY
04	KGT-M7790-A0X	YG200 NOZZLE 209A ASSY (ROUND TIP) (DIAMOND TIP) (9498 396 01483)
05	KGT-M7760-A0X	YG200 NOZZLE 206A ASSY (MELF) (9498 396 01482)
06	KV8-M71N1-A00	YG200 NOZZLE ASSY - TYPE 201F (DIAMOND TIP)
07	KV8-M71N2-A00	YG200 NOZZLE ASSY - TYPE 202F (DIAMOND TIP)
08	KV8-M71N3-A00	YG200 NOZZLE ASSY - TYPE 203F
09	KV8-M71N9-A00	YG200 NOZZLE ASSY- TYPE 209F (1.2/0.6) (DIAMOND TIP)

YG100 PICK UP NOZZLE (MG1)

NO.	PART NO.	PART DESCRIPTION
01	KGS-M7710-A0X	YG100 NOZZLE 211A ASSY (0.8 X 0.7) (DIAMOND TIP) (9498 396 00641)
02	KGS-M7720-A0X	YG100 NOZZLE 212A ASSY (1.7 X 0.94) (DIAMOND TIP) (9498 396 00642)
03	KGS-M7730-A0X	YG100 NOZZLE 213A ASSY (9498 396 00643)
04	KGS-M7740-A0X	YG100 NOZZLE 214A ASSY (9498 396 00644)
05	KGS-M7790-A0X	YG100 NOZZLE 219A ASSY (ROUND TIP) (DIAMOND TIP) (9498 396 00646)
06	KV8-M71N1-A0X	YG100 NOZZLE ASSY - TYPE 211F (DIAMOND TIP) (9498 396 00651)
07	KV8-M71N2-A0X	YG100 NOZZLE ASSY - TYPE 212F (DIAMOND TIP) (9498 396 00652)
08	KV8-M71N3-A0X	YG100 NOZZLE ASSY - TYPE 213F (9498 396 00653)
09	KV8-M71N9-A0X	YG100 NOZZLE ASSY- TYPE 219F (1.2/0.6) (DIAMOND TIP) (9498 396 00659)

YV86D / YV100D DISPENSING NOZZLE (CSM)

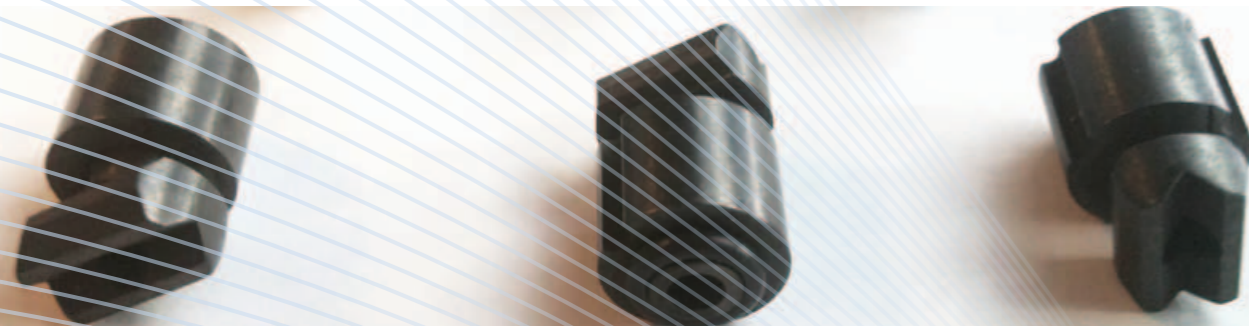
NO.	PART NO.	PART DESCRIPTION
01	K37-M7113-20X	YV86/YV100D DISP. NZ. 1D/1S (FOR SOLDER PASTE)
02	K37-M7113-10X	YV86/YV100D DISP. NZ. 1D/2S (FOR ADHESIVE)
03	K37-M7113-00X	YV86/YV100D DISP. NZ. 2D/2S (FOR ADHESIVE)
04	K37-M7113-40X	YV86/YV100D DISP. NZ. 2D/2S (FOR 1608 CHIPS)

YV64D DISPENSING NOZZLE (CSM)

NO.	PART NO.	PART DESCRIPTION
01	KG3-M7113-40X	YV64D DISP. NZ. 2D/2S 0.7/ 0.4 P=0.8
02	KM4-M7113-10X	YV64D DISP. NZ. 2D/2S0.8/ 0.5 P=1.0
03	KM4-M7113-20X	YV64D DISP. NZ. 1D/2S 0.6/ 0.3
04	KM4-M7113-30X	YV64D DISP. NZ. 1D/2S 0.8/ 0.5
05	KM4-M7113-40X	YV64D DISP. NZ. 1D/2S 1.8/ 1.5 (SOP/ QFP)
06	KM4-M7113-50X	YV64D DISP. NZ. 1D/2S 1.5/ 1.0 (SOP/ QFP)

YMH HSD-X DISPENSING NOZZLE

NO.	PART NO.	PART DESCRIPTION
01	KV6-M7113-1XX	HSD DISP. NZ. 2D/2S 0.7/ 0.4 P=0.9
02	KV6-M7113-2XX	HSD DISP. NZ. 2D/2S 0.8/ 0.5 P=1.3
03	KV6-M7113-3XX	HSD DISP. NZ. 2D/2S 1.3/ 0.9 P=1.8
04	KV6-M7113-4XX	HSD DISP. NZ. 1D/1S 0.7/ 0.4
05	KV6-M7113-5XX	HSD DISP. NZ. 1D/1S 0.8/ 0.5
06	KV6-M7113-6XX	HSD DISP. NZ. 1D/1S 1.5/ 1.1
07	KV6-M711A-XXX	HSD DISP. NZ. 2D/2S 0.7/ 0.4 P=0.8
08	KV6-M711B-XXX	HSD DISP. NZ. 1D/1S 1.5/ 1.1
09	KV6-M711C-XXX	HSD DISP. NZ. 1D/1S 1.65/ 1.25



YAMAHA

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Head Office:
Unit 14 Shaw Wood Way
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