

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
Vosaspec91.88-64.05	12	TATSUMI	
J 89.90	12	TATSUMI	
J 130.90	12	TATSUMI	
J 47.90	12	TATSUMI	
Vosaspec92.100-75.01	10	TATSUMI	
J 89.100	10	TATSUMI	
J 130.100	10	TATSUMI	
J 47.100	10	TATSUMI	
Vosaspec92.120-100.02	7	TATSUMI	
Vosaspec92.120-100.06	7	TATSUMI大勾	
J 89.120	7	TATSUMI	
J 130.120	7	TATSUMI	
J 47.120	7	TATSUMI	
J 25.59 A	7	TATSUMI	

 CIRCULAR TYPE
 圆机针

 FLAT TYPE
 横机针

TRANSFER TYPE
移圈针

 HOSIERY TYPE
 袜机针

 GLOVE TYPE
 手套针

 RASCHEL TYPE
 经编针

 PATENT TYPE
 花边针

 SINKER
 沉降片

 OTHERS
 其它

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
J 25.59 B	7	TATSUMI	
J 25.54	7	TATSUMI	
Vosaspec93.130.1	5	TATSUMI	
Vosaspec93.130.1-110.2	5	TATSUMI 大勾	
J 89.130	5	TATSUMI	
J 130.130	5	TATSUMI	
J 47.130	5	TATSUMI	
J 26.74	5	TATSUMI	
J 94.74 F1	5-12	TATSUMI	
J 94.74 F2	5-12	TATSUMI	
J 94.74 F3	5-12	TATSUMI	
J 94.74 F4	5-12	TATSUMI	
J 94.74 F5	5-12	TATSUMI	

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
J 94.74 F6	5-12	TATSUMI	
Vosaspec89.70-55.F1	16	SHIMA(234)大勾	
J 88.65	16	SHIMA(234)	
J 114.65 F	16	SHIMA(234)	
J 114.65 S	16	SHIMA(234)	
J 81.65 F1 (八段)	16	SHIMA(234)	
J 81.65 F2 (八段)	16	SHIMA(234)	
J 81.65 F3 (八段)	16	SHIMA(234)	
J 81.65 F4 (八段)	16	SHIMA(234)	
J 81.65 F5 (八段)	16	SHIMA(234)	
J 81.65 F6 (八段)	16	SHIMA(234)	
J 81.65 F7 (八段)	16	SHIMA(234)	
J 81.65 F8 (八段)	16	SHIMA(234)	

 CIRCULAR TYPE
 圆机针

 FLAT TYPE
 横机针

TRANSFER TYPE
移圈针

 HOSIERY TYPE
 袜机针

 GLOVE TYPE
 手套针

 RASCHEL TYPE
 经编针

 PATENT TYPE
 花边针

 SINKER
 沉降片

 OTHERS
 其它

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
J 81.68 F1	16	SHIMA(234)	
J 81.68 F2	16	SHIMA(234)	
J 81.68 F3	16	SHIMA(234)	
J 81.68 F4	16	SHIMA(234)	
J 81.68 F5	16	SHIMA(234)	
J 81.68 F6	16	SHIMA(234)	
J 33.28	14	SHIMA(234)	
J 33.38	12	SHIMA(234)	
Vosaspec89.75-55.015	14	SHIMA(234)	
Vosaspec89.75-64.016	12	SHIMA(234)	
J 88.73	12-14	SHIMA(234)	
J 114.73 F	12-14	SHIMA(234)	
J 114.73 S	12-14	SHIMA(234)	
J 81.74 F1	12-14	SHIMA(234)	

32

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
J 81.74 F2	12-14	SHIMA(234)	
J 81.74 F3	12-14	SHIMA(234)	
J 81.74 F4	12-14	SHIMA(234)	
J 81.74 F5	12-14	SHIMA(234)	
J 81.74 F6	12-14	SHIMA(234)	
Vosaspec89.90-70.07	10	SHIMA(234)	
J 88.88	10	SHIMA(234)	
J 114.88 F	10	SHIMA(234)	
J 114.88 S	10	SHIMA(234)	
J 81.87 F1	10	SHIMA(234)	
J 81.87 F2	10	SHIMA(234)	
J 81.87 F3	10	SHIMA(234)	
J 81.87 F4	10	SHIMA(234)	

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
J 81.87 F5	10	SHIMA(234)	
J 81.87 F6	10	SHIMA(234)	
J 34.48	8	SHIMA(234)	
J 34.57	7	SHIMA(234)	
Vosaspec89.118-82.010	8	SHIMA(234)	
Vosaspec89.118-82.013	7	SHIMA(234)大勾	
Vosaspec89.118-85.09	7	SHIMA(234)中勾	
Vosaspec89.118-85.07	7	SHIMA(234)小勾	
J 88.115	7	SHIMA(234)	
J 114.115 FF	7	SHIMA(234)	
J 114.115 SS	7	SHIMA(234)	
J 81.115 F1	7	SHIMA(234)	
J 81.115 F2	7	SHIMA(234)	
J 81.115 F3	7	SHIMA(234)	
J 81.115 F4	7	SHIMA(234)	

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
J 81.74 F2	12-14	SHIMA(234)	
J 81.74 F3	12-14	SHIMA(234)	
J 81.74 F4	12-14	SHIMA(234)	
J 81.74 F5	12-14	SHIMA(234)	
J 81.74 F6	12-14	SHIMA(234)	
Vosaspec89.90-70.07	10	SHIMA(234)	
J 88.88	10	SHIMA(234)	
J 114.88 F	10	SHIMA(234)	
J 114.88 S	10	SHIMA(234)	
J 81.87 F1	10	SHIMA(234)	
J 81.87 F2	10	SHIMA(234)	
J 81.87 F3	10	SHIMA(234)	
J 81.87 F4	10	SHIMA(234)	

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
J 81.68 F1	16	SHIMA(234)	
J 81.68 F2	16	SHIMA(234)	
J 81.68 F3	16	SHIMA(234)	
J 81.68 F4	16	SHIMA(234)	
J 81.68 F5	16	SHIMA(234)	
J 81.68 F6	16	SHIMA(234)	
J 33.28	14	SHIMA(234)	
J 33.28	12	SHIMA(234)	
Vosaspec89.75-55.015	14	SHIMA(234)	
Vosaspec89.75-64.016	12	SHIMA(234)	
J 88.73	12-14	SHIMA(234)	
J 114.73 F	12-14	SHIMA(234)	
J 114.73 S	12-14	SHIMA(234)	
J 81.74 F1	12-14	SHIMA(234)	

36

CIRCULAR TYPE
圆机针

FLAT TYPE
横机针

TRANSFER TYPE
移圈针

HOSIERY TYPE
袜机针

GLOVE TYPE
手套针

RASCHEL TYPE
经编针

PATENT TYPE
花边针

SINKER
沉降片

OTHERS
其它

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
J 81.115 F5	7	SHIMA(234)	
J 81.115 F6	7	SHIMA(234)	
J 88.150	5	SHIMA(234)	
J 114.150 SS	5	SHIMA(234)	
J 114.150 FF	5	SHIMA(234)	
J 81.150 F1	5	SHIMA(234)	
J 81.150 F2	5	SHIMA(234)	
J 81.150 F3	5	SHIMA(234)	
J 81.150 F4	5	SHIMA(234)	
J 81.150 F5	5	SHIMA(234)	
J 81.150 F6	5	SHIMA(234)	
Vosaspec89.150-100.01	5	SHIMA(234)	
Vosaspec89.150-105.02	5	SHIMA(234)大勾	

 CIRCULAR TYPE
 圆机针

 FLAT TYPE
 横机针

TRANSFER TYPE
移圈针

 HOSIERY TYPE
 袜机针

 GLOVE TYPE
 手套针

 RASCHEL TYPE
 经编针

 PATENT TYPE
 花边针

 SINKER
 沉降片

 OTHERS
 其它

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
J 116.73 A	12	SHIMA(202)	
J 116.73 B(小头)	12-14	SHIMA(202)	
J 91.73	12-14	SHIMA(202)	
J 88.73 F1	12-14	SHIMA(202)	
J 88.73 F2	12-14	SHIMA(202)	
J 88.73 F3	12-14	SHIMA(202)	
J 88.73 F4	12-14	SHIMA(202)	
J 88.73 F5	12-14	SHIMA(202)	
J 88.73 F6	12-14	SHIMA(202)	
Vosaspec89.90-70.03	10	SHIMA(202)	
Vosaspec89.90-70.02	10	SHIMA(202)	
J 116.88 A	10	SHIMA(202)大勾	
J 91.88	10	SHIMA(202)	
J 88.88 F1	10	SHIMA(202)	
J 88.88 F2	10	SHIMA(202)	

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
J 88.88 F3	10	SHIMA(202)	
J 88.88 F4	10	SHIMA(202)	
J 88.88 F5	10	SHIMA(202)	
J 88.88 F5	10	SHIMA(202)	
Vosaspec89.118-90.01	7	SHIMA(202)	
Vosaspec89.118-90.02	7	SHIMA(202)大勾	
J 115.115 A	7	SHIMA(202)	
J 115.115 B(小头)	7	SHIMA(202)	
J 88.115 F1	7	SHIMA(202)	
J 88.115 F2	7	SHIMA(202)	
J 88.115 F3	7	SHIMA(202)	
J 88.115 F4	7	SHIMA(202)	
J 88.115 F5	7	SHIMA(202)	
J 88.115 F6	7	SHIMA(202)	
J 91.115	7	SHIMA(202)	
J 91.115 C	7	SHIMA(202)	

 CIRCULAR TYPE
 圆机针

 FLAT TYPE
 横机针

TRANSFER TYPE
移圈针

 HOSIERY TYPE
 袜机针

 GLOVE TYPE
 手套针














 RASCHEL TYPE
 经编针

 PATENT TYPE
 花边针

 SINKER
 沉降片

 OTHERS
 其它

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
J 115.115 C	7	SHIMA(202)	
J 22.88	7-1	SHIMA(202)	
J 23.88	5	SHIMA(202)	
Vosaspec107.150.02	5	SHIMA(202)	
J 135.150	5	SHIMA(202)	
J 90.150	5	SHIMA(202)	
J 82.73 F1	5	SHIMA(202)	
J 82.73 F2	5	SHIMA(202)	
J 82.73 F3	5	SHIMA(202)	
J 32.80	5	SHIMA(202)	
J 39.80	5	SHIMA(202)	
J 39.48	8	SHIMA(202)	
J 39.57	7	SHIMA(202)	

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
J 37.50	8	SHIMA(202)	
J 37.57	7	SHIMA(202)	
J 128.73	12-14	SHIMA(214)	
J 97.73	12-14	SHIMA(214)	
J 95.73 F1	12-14	SHIMA(214)	
J 95.73 F2	12-14	SHIMA(214)	
J 95.73 F3	12-14	SHIMA(214)	
J 95.73 F4	12-14	SHIMA(214)	
J 95.73 F5	12-14	SHIMA(214)	
J 95.73 F6	12-14	SHIMA(214)	
Vosaspec107.90-70.01	10	SHIMA(214)	
J 97.88	10	SHIMA(214)	
J 95.88 F1	10	SHIMA(214)	
J 95.88 F2	10	SHIMA(214)	
J 95.88 F3	10	SHIMA(214)	

 CIRCULAR TYPE
 圆机针

 FLAT TYPE
 横机针

TRANSFER TYPE
移圈针

 HOSIERY TYPE
 袜机针

 GLOVE TYPE
 手套针

 RASCHEL TYPE
 经编针

 PATENT TYPE
 花边针

 SINKER
 沉降片

 OTHERS
 其它









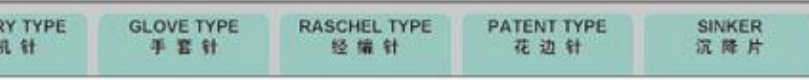
TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
J 95.88 F4	10	SHIMA(214)	
J 95.88 F5	10	SHIMA(214)	
J 95.88 F6	10	SHIMA(214)	
J 128.88	10	SHIMA(214)	
Vosaspec106.118-90.05	7-8	SHIMA(214)	
Vosaspec106.118-90.11	7-8	SHIMA(214)大勾	
J 128.115	7-8	SHIMA(214)	
J 97.115	7-8	SHIMA(214)	
J 95.115 F1	7-8	SHIMA(214)	
J 95.115 F2	7-8	SHIMA(214)	
J 95.115 F3	7-8	SHIMA(214)	
J 95.115 F4	7-8	SHIMA(214)	
J 95.115 F5	7-8	SHIMA(214)	
J 95.115 F6	6	SHIMA(214)	
J 128.150	6	SHIMA(214)	








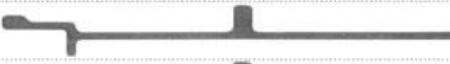






TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
J 97.150	6	SHIMA(214)	
J 95.150 F1	6	SHIMA(214)	
J 95.150 F2	6	SHIMA(214)	
J 95.150 F3	6	SHIMA(214)	
J 95.150 F4	6	SHIMA(214)	
J 95.150 F5	6	SHIMA(214)	
J 95.150 F6	6	SHIMA(214)	
J 136.150	5	SHIMA(214)	
J 89.150	5	SHIMA(214)	
J 79.73 F1	5	SHIMA(214)	
J 79.73 F2	5	SHIMA(214)	
J 79.73 F3	5	SHIMA(214)	
Vosaspec106.150-100.02	6	SHIMA(214)	
J 37.50	8	SHIMA(214)	
J 37.55	7	SHIMA(214)	

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
J 39.48	8	SHIMA(214)	
J 39.55	7	SHIMA(214)	
J 27.90	5	SHIMA(214)	
J 147.200	3	SHIMA 212	
J 87.200	3	SHIMA 212	
J 72.73 F1	3	SHIMA 212	
J 72.73 F2	3	SHIMA 212	
J 95.115 F21	7	SHIMA 212	
J 95.115 F22	7	SHIMA 212	
J 95.115 F25	7	SHIMA 212	
J 95.115 F26	7	SHIMA 212	
J 68.73 F1	3	SHIMA 201F	
J 68.73 F2	3	SHIMA 201F	
J 131.200	3	SHIMA 201F	

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
J 90.200	3	SHIMA 201F	
Vospec94.100-75.03	10	UNIVERSAL	
Vospec96.120-90.02	7-8	UNIVERSAL	
Vospec96.120-90.04	12	UNIVERSAL	
Vospec98.154-110.01	5	UNIVERSAL	
APK 605.4-524 E12			
APK 605.4-520 E10			
APK 605.4-515 E7-8			
JACKS E7-8#1 605.3.115			
JACKS E7-8#2 605.3.215			
JACKS E7-8#3 605.3.315			
JACKS E7-8#4 605.3.415			
JACKS E7-8#5 605.3.515			
JACKS E7-8#6 605.3.615			

- CIRCULAR TYPE
圆机针
- FLAT TYPE
横机针
- TRANSFER TYPE
移圈针**
- HOSIERY TYPE
袜机针
- GLOVE TYPE
手套针
- RASCHEL TYPE
经编针
- PATENT TYPE
花边针
- SINKER
沉降片
- OTHERS
其它

JACKS E7-8#7 605.3.715

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
JACKS E7-8#7 605.3.715			
JACKS E7-8#8 605.3.815			
JACKS E7-8 605.4.315			
Wospec127.100-75.02	10	UNIVERSAL	
Wospec130.120-90.02	7-8	UNIVERSAL	
Wospec131.85-60	12	UNIVERSAL	
Wospec133.120-90.04	7-8	UNIVERSAL	
Wospec133.120-90.05	7-8	UNIVERSAL大勾	
J 89.116 (605.7.112)		UNIVERSAL	
J 90.148 (605.7.110)		UNIVERSAL	
J 92.116 (605.6.912)		UNIVERSAL	
J 92.116A (605.7.012)		UNIVERSAL	

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
Vospec79.75.013	14	UNIVERSAL	
Vospec79.75.014		PROTTI OMEGA	
Vospec79.85.021	12	UNIVERSAL	
Vospec79.85.022		PROTTI OMEGA	
Vospec79.93.015	10	UNIVERSAL	
Vospec79.93.016		PROTTI OMEGA	
Vospec79.109.09	8	UNIVERSAL	
Vospec79.109.010		PROTTI OMEGA	
Vospec79.119.015	7	UNIVERSAL	
Vospec79.119.016		PROTTI OMEGA	
Vosaspec123.85-60.02	12	PROTTI (PV92)	
J 140.83	12	PROTTI (PV92)	
Vosaspec123.120-90.03	7-8	PROTTI (PV92)	
J 140.115	7-8	PROTTI (PV92)	
Vosaspec100.120-90.01	7	PROTTI (PV96)	
Vosaspec75.93.03	10	OMEGA	
Vosaspec75.93.04		APM DTV OMATEX RIMACH	

CIRCULAR TYPE
圆机针

FLAT TYPE
横机针

TRANSFER TYPE
移圈针

HOSIERY TYPE
袜机针

GLOVE TYPE
手套针

RASCHEL TYPE
经编针

PATENT TYPE
花边针

SINKER
沉降片

OTHERS
其它

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
Vosaspec75.109.03	8	OMEGA	
Vosaspec75.109.04		APM DTV OMATEX RIMACH	
Vosaspec75.119.09	7	OMEGA	
Vosaspec75.119.010		APM DTV OMATEX RIMACH	
Vosaspec75.119.05	7	OMEGA	
Vosaspec75.119.06		APM DTV OMATEX RIMACH	
J 75.115 (J10345)		STOLL	
J 121.115 (J10005)		STOLL	
J 96.55 F1	7	STOLL	
J 96.55 F2	7	STOLL	
J 96.55 F3	7	STOLL	
J 96.55 F4	7	STOLL	
J 96.55 F5	7	STOLL	
J 96.55 F6	7	STOLL	
J 90.80	10-12	STOLL (CMS)	
J 90.122	5-8	STOLL (CMS)	
J 139.85	10-12	STOLL (CMS)	

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
J 139.125	5-8	STOLL (CMS)	
J 35.83	10-12	STOLL (CMS)	
J 35.124	5-7	STOLL (CMS)	
J 32.83	10-12	STOLL (CMS)	
J 32.124	5-7	STOLL (CMS)	
Vosaspec117.75.01	12	STOLL (AJUM)	
Vosaspec117.75.F1	12	STOLL (AJUM)	
Vosaspec117.75.F3	12	STOLL (AJUM)	
Vosaspec118.90.01	10	STOLL (AJUM)	
Vosaspec118.90.F1	10	STOLL (AJUM)	
Vosaspec123.106.01	7-8	STOLL (AJUM)	
Vosaspec123.106.F1	7-8	STOLL (AJUM)	
Vosaspec135.133.01	5	STOLL (AJUM)	
Vosaspec113.73.04	12	MECMOM	
Vosaspec113.83.02	10	MECMOM	

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
Vosaspec113.92.06	8	MECMOM	
Vosaspec113.92.07	7	MECMOM	
J 68.73	12	MECMOM	
J 68.83	10	MECMOM	
J 82.88	7-8	MECMOM	
J 99.58 F1	7-12	MEMCOM	
J 99.58 F2	7-12	MEMCOM	
J 99.58 F3	7-12	MEMCOM	
J 99.58 F4	7-12	MEMCOM	
J 99.58 F5	7-12	MEMCOM	
J 99.58 F6	7-12	MEMCOM	
J 99.58 F7	7-12	MEMCOM	
J 99.58 F8	7-12	MEMCOM	
Vosaspec91.73.016	12	JUMBERCA (4E)	
Vosaspec91.88.01	10	JUMBERCA (4E)	
Vosaspec91.88.03	8	JUMBERCA (4E)	

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
Vosaspec91.104.01	7	JUMBERCA (4E)	
J 125.78 F1	8	JUMBERCA (4E)	
J 125.78 F2	8	JUMBERCA (4E)	
J 125.78 F3	8	JUMBERCA (4E)	
J 125.78 F4	8	JUMBERCA (4E)	
J 125.78 F5	8	JUMBERCA (4E)	
J 125.78 F6	8	JUMBERCA (4E)	
J 125.78 F7	8	JUMBERCA (4E)	
J 125.90 F1	7	JUMBERCA (4E)	
J 125.90 F4	7	JUMBERCA (4E)	
J 125.90 F6	7	JUMBERCA (4E)	
J 125.90 F7	7	JUMBERCA (4E)	
Vospec106.75.01	12	JUMBERCA (5E)	
Vospec128.75.01	12	JUMBERCA (5E)	
Vospec106.75.03	8	JUMBERCA (5E)	
Vospec128.75.03	8	JUMBERCA (5E)	
Vosaspec106.100.02	7	JUMBERCA (5E)	
Vospec128.100.02	7	JUMBERCA (5E)	

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
J 75.68	12	JUMBERCA (5E)	
J 75.93	7-8	JUMBERCA (5E)	
J 95.68	12	JUMBERCA (5E)	
J 95.93	7-8	JUMBERCA (5E)	
J 121.54 F1	7-12	JUMBERCA (5E)	
J 121.54 F2	7-12	JUMBERCA (5E)	
J 121.54 F3	7-12	JUMBERCA (5E)	
J 121.54 F4	7-12	JUMBERCA (5E)	
J 121.54 F5	7-12	JUMBERCA (5E)	
J 121.54 F6	7-12	JUMBERCA (5E)	
J 121.54 F7	7-12	JUMBERCA (5E)	

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
J 121.54 F8	7-12	JUMBERCA (5E)	
J 180.83 F1	7-12	JUMBERCA (5E)	
J 180.83 F5	7-12	JUMBERCA (5E)	
J 180.83 F8	7-12	JUMBERCA (5E)	
Vospec107.60 F1	14	FOUQUET	
Vospec107.60 F2	14	FOUQUET(大勾)	
Vospec93.60	14		
J 112.50	14		
J 146.50 F1	14		
J 152.58 F1	14	MAYER	
Vosaspec75.73	14	TSC-4FN	

 CIRCULAR TYPE
 圆机针

 FLAT TYPE
 横机针

TRANSFER TYPE
移圈针

 HOSIERY TYPE
 袜机针

 GLOVE TYPE
 手套针












 RASCHEL TYPE
 经编针

 PATENT TYPE
 花边针

 SINKER
 沉降片

 OTHERS
 其它

TRANSFER TYPE 移圈针

Needle name	Gauge	Machine name	
J 116.88 T	12	TSC-X2	
Vosaspec75.84	12	TNS-4D	
J 44.74	12	TNS-4D	
J 77.83	12	TATSUMI	
Vosaspec75.88	10	ITALY	
Vosaspec78.125	7	ITALY	
Protti-283 135.72 F1	14		
25258/1		FIN 5/8(0.9mm)	
25258/2		FIN 5/8(0.9mm)	
25258/3		FIN 5/8(0.9mm)	
25258/4		FIN 5/8(0.9mm)	
25260/7		FIN 6/8	