STANDARD CONTACT TIPS

FOR ALL GUNS
STANDARD, TAPERED,
& HEAVY DUTY STYLES

11-23

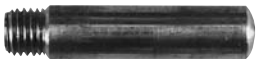
11H-35

11T-35

14H-35

14AH-364

14T-35


15HFC-332

16S-35

16AS-364

11 Series

Wire Size	Tip I.D.	Standard	Tapered	Heavy Duty
.023" 0,6 mm	.031" 0,79 mm	11-23 1110-1100	11T-23 1110-1300	NA
.030" 0,8 mm	.031" 0,97 mm	11-30 1110-1101	11T-30 1110-1301	11H-30 1110-1201
.035" 0,9 mm	.044" 1,12 mm	11-35 1110-1102	11T-35 1110-1302	11H-35 1110-1202
.040" 1,0 mm	.048" 1,22 mm	11-40 1110-1103	11T-40 1110-1303	11H-40 1110-1203
.045" 1,2 mm	.054" 1,37 mm	11-45 1110-1104	11T-45 1110-1304	11H-45 1110-1204
3/64" AL 1,2 mm	.059" 1,50 mm	N/A	N/A	11AH-364 1110-1213

14 Series

Wire Size	Tip I.D.	Standard	Tapered	Heavy Duty
.023" 0,6 mm	.031" 0,79 mm	14-23 1140-1100	14T-23 1140-1300	NA
.030" 0,8 mm	.031" 0,79 mm	14-30 1140-1101	14T-30 1140-1301	NA
.035" 0,9 mm	.044" 1,12 mm	14-35 1140-1102	14T-35 1140-1302	14H-35 1140-1202
.040" 1,0 mm	.048" 1,22 mm	14-40 1140-1103	14T-40 1140-1303	14H-40 1140-1203
.045" 1,2 mm	.054" 1,37 mm	14-45 1140-1104	14T-45 1140-1304	14H-45 1140-1204
.052" 1,3 mm	.064" 1,65 mm	14-52 1140-1105	14T-52 1140-1305	14H-52 1140-1205
1/16" 1,6 mm	.073" 1,85 mm	14-116 1140-1106	14T-116 1140-1306	14H-116 1140-1206
5/64" 2,0 mm	.090" 2,29 mm	14-564 1140-1109	NA	14H-564 1140-1209
3/64" ALUM 1,2 mm	.059" 1,50 mm	14A-364 1140-1113	NA	14AH-364 1140-1213
1/16" ALUM 1,6 mm	.082" 2,08 mm	NA	NA	14AH-116 1140-1214

15 Series

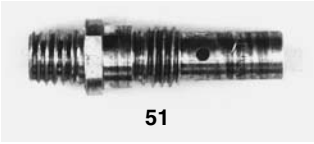
Wire Size	Tip I.D.	Standard	3/8"Tip Recess
.035" 0,9 mm	.044" 1,12 mm	15H-35 1150-1202	NA
.045" 1,2 mm	.054" 1,37 mm	15H-45 1150-1204	15HFC-45 1150-1254
.052" 1,3 mm	.064" 1,65 mm	15H-52 1150-1205	15HFC-52 1150-1255
1/16" 1,6 mm	.073" 1,85 mm	15H-116 1150-1206	15HFC-116 1150-1256
5/64" 2,0 mm	.090" 2,29 mm	15H-564 1150-1209	15HFC-564 1150-1259
3/32" 2,4 mm	.106" 2,67 mm	15H-332 1150-1210	15HFC-332 1150-1260
7/64" 2,8 mm	.120" 3,05 mm	15H-764 1150-1211	15HFC-764 1150-1261
1/8" 3,2 mm	.144" 3,66 mm	15H-18 1150-1212	15HFC-18 1150-1262
3/64" ALUM 1,2 mm	.059" 1,50 mm	15AH-364 1150-1213	NA
1/16" ALUM 1,6 mm	.082" 2,08 mm	15AH-116 1150-1214	NA

16S Series

Wire Size	Tip I.D.	Standard	Tapered
.035" 0,9 mm	.044" 1,12 mm	16S-35 1160-1102	16ST-35 1160-1135
.040" 1,0 mm	.048" 1,22 mm	16S-40 1160-1103	16ST-40 1160-1136
.045" 1,2 mm	.054" 1,37 mm	16S-45 1160-1104	16ST-45 1160-1137
.052" 1,3 mm	.064" 1,65 mm	16S-52 1160-1105	16ST-52 1160-1138
1/16" 1,6 mm	.073" 1,85 mm	16S-116 1160-1106	16ST-116 1160-1139
5/64" 2,0 mm	.090" 2,29 mm	16S-564 1160-1109	NA
3/32" 2,4 mm	.106" 2,67 mm	16S-332 1160-1110	NA
7/64" 2,8 mm	.120" 3,05 mm	16S-764 1160-1111	NA
1/8" 3,2 mm	.144" 3,66 mm	16S-18 1160-1112	NA
3/64" ALUM 1,2 mm	.059" 1,50 mm	16AS-364 1160-1113	NA
1/16" ALUM 1,6 mm	.082" 2,08 mm	16AS-116 1160-1114	NA

STANDARD DIFFUSERS

35-50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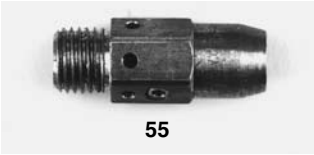

55

55SW

55S-SWL

Diffusers for Traditional Style MIG-GUNS

Diffuser for Mini-MIG-Gun	35-50 1500-1100
Diffuser for #1 - 180 Amp MIG-Gun	51 1510-1101
Diffuser for #1 - 180 Amp MIG-Gun when using .023 (0,6 mm) wire	51-23 1510-1100
Diffuser for #2 - 200 Amp MIG-Gun	52 1520-1101
Diffuser for #2 - 200 Amp MIG-Gun when using .023 (0,6 mm) wire	52-23 1520-1100
Diffuser for #2 - 200 Amp MIG-Gun (Use 23 & 24 Series Nozzles)	52-FN 1520-1102
Diffuser for #3- 300 Amp & #4 - 400 Amp MIG-Gun (Copper)	54P 1540-1103
Diffuser for #3- 300 Amp & #4 - 400 Amp MIG-Gun (Brass)	54A 1540-1100

Diffuser #5 - 500 Amp MIG-Gun with wire sizes up to 1/16" (1,6 mm) Steel	55-SW 1550-1101
Diffuser #5 -500 Amp MIG-Gun with wire sizes 5/64" (2,0 mm) & 1/16" (1,6 mm) Aluminum	55 1550-1100
Diffuser #5 - 500 Amp MIG-Gun with wire sizes 3/32" (2,4 mm) & larger	55-H 1550-1102
Diffuser #5 - 500 Amp MIG-Gun with wire sizes up to 1/16" (1,6 mm) Steel - 16S Series Tips – 3/8" (9.5 mm) Tip Recess	55S-SW 1550-1110
Diffuser #5 - 500 Amp MIG-Gun with wire sizes 3/32" (2,4 mm) & larger Steel, 16S Series Tips, 3/8 (9.5 mm) Tip Recess	55S-H 1550-1111
Diffuser #5 - 500 Amp MIG-Gun with wire sizes up to 1/16" (1,6 mm) Steel, 16S Series Tips, 1/8(3,2 mm) Tip Recess	55S-SWL 1550-1120
Diffuser #5 - 500 Amp MIG-Gun with wire sizes 3/32" (2,4 mm) & larger Steel - 16S Series Tips – 1/8" (3,2 mm) Tip Recess	55S-HL 1550-1121
Diffuser #6 - 600 Amp MIG-Gun with wire sizes up to 5/64 (2,0 mm) Steel - 16S Series Tips	56S-SW 1560-1100
Diffuser #5 - 500 Amp MIG-Gun with wire sizes 3/32" (2,4 mm) & larger Steel, 16S Series Tips	56S-H 1560-1101

STANDARD NOZZLES & NOZZLE INSULATORS

FOR ALL GUNS

Nozzle Insulators

Insulator (Use with 22 Series Nozzles)	32 1320-1100
Insulator (Use with 24A Series Nozzles)	34A 1340-1100
Insulator (Use with 24CT Nozzles)	34CT 1340-1400
Insulator (Use with 24FN Series Nozzles)	34FN 1340-1401
Insulator (Use with 25CT Nozzles)	35CT 1350-1400

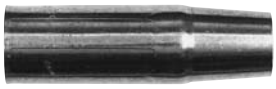
21-50

21T-37

22T-37-SS

21-50-F

22-62



23-62-F

22-50-SS

23-62

23T-37

Nozzles

21 Series

3/8” (9,5 mm) Bore - Self Insulated Tip Flush	21-37-F 1210-1102
3/8” (9,5 mm) Bore – Self Insulated 1/8” (3,2 mm) Tip Recess	21-37 1210-1100
3/8” (9,5 mm) Bore – Self Insulated Tapered – Tip Flush	21T-37-F 1210-1302
3/8” (9,5 mm) Bore – Self Insulated Tapered -1/8” (3,2 mm) Tip Recess	21T-37 1210-1300
1/2” (12,7 mm) Bore – Self Insulated Tip Flush	21-50-F 1210-1112
1/2” (12,7 mm) Bore – Self Insulated 1/8” (3,2 mm) Tip Recess	21-50 1210-1110
5/8” (15,9 mm) Bore – Self Insulated Tip Flush	21-62-F 1210-1122
5/8” (15,9 mm) Bore – Self Insulated 1/8” (3,2 mm) Tip Recess	21-62 1210-1120

22 Series

3/8” (9,5 mm) Bore - Tapered Short Stop - Tip Flush	22T-37-SS 1220-1301
3/8” (9,5 mm) Bore - Short Stop 1/8” (3,2 mm) Tip Recess	22-37-SS 1220-1101
1/2” (12,7 mm) Bore – Adjustable Tip Recessed to Projected	22-50 1220-1110
1/2” (12,7 mm) Bore Short Stop 1/8” (3,2 mm) Tip Recess	22-50-SS 1220-1111
5/8” (15,9 mm) Bore – Adjustable Tip Recessed to Projected	22-62 1220-1120
5/8” (15,9 mm) Bore Short Stop 1/8” (3,2 mm) Tip Recess	22-62-SS 1220-1121

23 Series

3/8” (9,5 mm) Bore - Tapered – Self Insulated 1/8” (3,2 mm) Tip Recess	23T-37 1230-1300	5/8” (15,9 mm) Bore – Self Insulated 1/8” (3,2 mm) Tip Recess	23-62 1230-1120
3/8” (9,5 mm) Bore - Tapered – Self Insulated Tip Flush	23T-37-F 1230-1302	5/8” (15,9 mm) Bore– Self Insulated Tip Flush	23-62-F 1230-1122
3/8” (9,5 mm) Bore – Self Insulated 1/8” (3,2 mm) Tip Recess	23-37 1230-1100	5/8” (15,9 mm) Bore - Heavy Duty Self Insulated - 1/8” (3,2 mm) Tip Recess	23H-62 1230-1220
3/8” (9,5 mm) Bore – Self Insulated Tip Flush	23-37-F 1230-1102	5/8” (15,9 mm) Bore - Heavy Duty Self Insulated - Tip Flush	23H-62-F 1230-1222
1/2” (12,7 mm) Bore – Self Insulated 1/8” (3,2 mm) Tip Recess	23-50 1230-1110	3/4” (19,1 mm) Bore – Self Insulated 1/8” (3,2 mm) Tip Recess	23-75 1230-1130
1/2” (12,7 mm) Bore – Self Insulated Tip Flush	23-50-F 1230-1112	3/4” (19,1 mm) Bore – Self Insulated Tip Flush	23-75-F 1230-1132
1/2” (12,7 mm) Bore – Self Insulated Heavy Duty - 1/8” (3,2 mm) Tip Recess	23H-50 1230-1210	3/4” (19,1 mm) Bore – Heavy Duty Self Insulated - 1/8” (3,2 mm) Tip Recess	23H-75 1230-1230

STANDARD NOZZLES & NOZZLE INSULATORS - ALL GUNS

24 Series Slip-On Style

3/8" (9,5 mm) Bore - Short Stop 1/8" (3,2 mm) Tip Recess	24A-37-SS 1240-1101	5/8" (15,9 mm) Bore - Short Stop 1/8" (3,2 mm) Tip Recess	24A-62-SS 1240-1121
3/8" (9,5 mm) Bore – Tapered Short Stop - 1/8" (3,2 mm) Tip Recess	24AT-37-SS 1240-1301	5/8" (15,9 mm) Bore – Heavy Duty Adjustable -Tip Recessed to Projected	24AH-62 1240-1220
1/2" (12,7 mm) Bore – Adjustable Tip Recessed to Projected	24A-50 1240-1110	5/8" (15,9 mm) Bore – Heavy Duty Short Stop - 1/8" (3,2 mm) Tip Recess	24AH-62-SS 1240-1221
1/2" (12,7 mm) Bore - Short Stop 1/8" (3,2 mm) Tip Recess	24A-50-SS 1240-1111	3/4" (19,1 mm) Bore – Adjustable Tip Recessed to Projected	24A-75 1240-1130
1/2" (12,7 mm) Bore – Heavy Duty Adjustable -Tip Recessed to Projected	24AH-50 1240-1210	3/4" (19,1 mm) Bore - Short Stop 1/8" (3,2 mm) Tip Recess	24A-75-SS 1240-1131
1/2" (12,7 mm) Bore – Heavy Duty Short Stop - 1/8" (3,2 mm) Tip Recess	24AH-50-SS 1240-1211	3/4" (19,1 mm) Bore – Heavy Duty Adjustable -Tip Recessed to Projected	24AH-75 1240-1230
5/8" (15,9 mm) Bore – Adjustable Tip Recessed to Projected	24A-62 1240-1120	3/4" (19,1 mm) Bore – Heavy Duty Short Stop - 1/8" (3,2 mm) Tip Recess	24AH-75-SS 1240-1231

24 Series Threaded

3/8" (9,5 mm) Bore – Coarse Thread 1/8" (3,2 mm) Tip Recess	24CT-37-S 1240-1404	3/8" (9,5 mm) Bore – Fine Thread 1/8" (3,2 mm) Tip Recess	24FN-37-S 1240-1704
1/2" (12,7 mm) Bore – Course Thread 1/8" (3,2 mm) Tip Recess	24CT-50-S 1240-1414	1/2" (12,7 mm) Bore – Fine Thread 1/8" (3,2 mm) Tip Recess	24FN-50-S 1240-1714
1/2" (12,7 mm) Bore – Course Thread Tip Flush	24CT-50-F 1240-1412	5/8" (15,9 mm) Bore – Fine Thread 1/8" (3,2 mm) Tip Recess	24FN-62-S 1240-1724
5/8" (15,9 mm) Bore – Course Thread 1/8" (3,2 mm) Tip Recess	24CT-62-S 1240-1424	5/8" (15,9 mm) Bore – Fine Thread Tip Flush	24FN-62-F 1240-1722
5/8" (15,9 mm) Bore – Course Thread Tip Flush	24CT-62-F 1240-1422	5/8" (15,9 mm) Bore – Fine Thread 1/8" (3,2 mm) Tip Recess	24FN-62-R 1240-1723
5/8" (15,9 mm) Bore – Course Thread 1/8" (3,2 mm) Tip Recess	24CT-62-R 1240-1423	3/4" (19,1 mm) Bore – Fine Thread 1/8" (3,2 mm) Tip Recess	24FN-75-S 1240-1734
3/4" (19,1 mm) Bore – Course Thread 1/8" (3,2 mm) Tip Recess	24CT-75-S 1240-1434	3/4" (19,1 mm) Bore – Course Thread 1/8" (3,2 mm) Tip Recess	24CT-75-R 1240-1433

25 Series

1/2" (12,7 mm) Bore – Course Thread 1/8" (3,2 mm) Tip Recess	25CT-50 1250-1410
5/8" (15,9 mm) Bore – Course Thread 1/8" (3,2 mm) Tip Recess	25CT-62 1250-1420
5/8" (15,9 mm) Bore – Course Thread Tip Flush	25CT-62-F 1250-1421
5/8" (15,9 mm) Bore – Self Insulated 1/8" (3,2 mm) Tip Recess	25I-62 1250-1120
3/4" (19,1 mm) Bore – Course Thread 1/8" (3,2 mm) Tip Recess	25CT-75 1250-1430
3/4" (19,1 mm) Bore – Course Thread Tip Flush	25CT-75-F 1250-1431
3/4" (19,1 mm) Bore – Self Insulated 1/8" (3,2 mm) Tip Recess	25I-75 1250-1130

26 Series

5/8" (15,9 mm) Bore – Course Thread 1/8" (3,2 mm) Tip Recess	26CT-62 1260-1420
5/8" (15,9 mm) Bore – Self Insulated 1/8" (3,2 mm) Tip Recess	26I-62 1260-1120
3/4" (19,1 mm) Bore – Course Thread 1/8" (3,2 mm) Tip Recess	26CT-75 1260-1430
3/4" (19,1 mm) Bore – Course Thread 1/8" (3,2 mm) Tip Recess	26I-75 1260-1130
7/8" (22 mm) Bore – Self Insulated 1/8" (3,2 mm) Tip Recess	25I-87 1260-1140

OPTIONAL ARC SPOT - NOZZLES

25CT-125-FAS 22-62-FAS 21-62-FAS

Optional Arc Spot Nozzles

21 Series - 5/8" (15,9 mm) Bore – Self Insulated – Flat Arc Spot	21-62-FAS 1210-1520	22 Series - 5/8" (15,9 mm) Bore – Slip On - Flat Arc Spot	22-62-FAS 1220-1520
23 Series – 3/4" (19,1 mm) Bore – Self Insulated – Flat Arc Spot	23-75-FAS 1230-1530	24 Series - 5/8" (15,9 mm) Bore – Slip On – Flat Arc Spot	24A-62-FAS 1240-1520
24 Series – 3/4" (19,1 mm) Bore – Slip On – Flat Arc Spot	24A-75-FAS 1240-1530	24 Series - 1" (25,4 mm) Bore – Slip On – Flat Arc Spot	24A-100-FAS 1240-1550
25 Series – 1-1/4" (31,8 mm) Bore – Self Insulated – Flat Arc Spot	25CT-125-FAS 1250-1560	25 Series – 1-5/8" (41,1 mm) Bore – Self Insulated – Flat Arc Spot	25CT-162-FAS 1250-1570

WIRE CONDUITS FOR ALL GUNS

35TF-40-10 42-3035-15 44-3545-15

Conduits

40 Series Conduits			
Max. .023" (0,6 mm) 15 ft (5 M) Long	23-40-15 1400-1123	Max. .035" (0,9 mm) 15 ft (5 M) Long	35-40-15 1400-1133
Max. .035" (0,9 mm) 20 ft (6 M) Long	35-40-20 1400-1134	Max. .045" (1,2 mm) 15 ft (5 M) Long	45-40-15 1400-1143
Max. .045" (1,2 mm) 20 ft (6 M) Long	45-40-20 1400-1144		
For Aluminum Wire			
Max. .035" (0,9 mm) 10 ft (3 M) Long	35TF-40-10 1400-1031	Max. 3/64" (1,2 mm) 10 ft (3 M) Long	45TF-40-10 1400-1041
42 Series Conduits			
Max. .023" (0,6 mm) 15 ft (5 M) Long	42-23-15 1420-1103	Max. .035" (0,9 mm) 15 ft (5 M) Long	42-3035-15 1420-1113
Max. .035" (0,9 mm) 25 ft (8 M) Long	42-3035-25 1420-1115	Max. .045" (1,2 mm) 15 ft (5 M) Long	42-4045-15 1420-1123
Max. .045" (1,2 mm) 25 ft (8 M) Long	42-4045-25 1420-1125		
For Aluminum Wire			
Max. 3/64" (1,2 mm) 15 ft (5 M) Long	42N-3545-15 1420-1003		
44 Series Conduits			
Max. .045" (1,2 mm) 15 ft (5 M) Long	44-3545-15 1440-1103	Max. .045" (1,2 mm) 25 ft (8 M) Long	44-3545-25 1440-1105
Max. 1/16" (1,6 mm) 15 ft (5 M) Long	44-116-15 1440-1113	Max. 1/16" (1,6 mm) 25 ft (8 M) Long	44-116-25 1440-1115
Max. 5/64" (2,0 mm) 15 ft (5 M) Long	44-564-15 1440-1123	Max. 5/64" (2,0 mm) 25 ft (8 M) Long	44-564-25 1440-1125
Bulk Max. .045" (1,2 mm) Sold per foot	44/45-3545 1440-1100	Bulk Max. 1/16" (1,6 mm) Sold per foot	44/45-116 1440-1110
For Aluminum Wire			
Max. 3/64" (1,2 mm) 15 ft (5 M) Long	44N-3545-15 1440-1003	Max. 1/16" (1,6 mm) 15 ft (5 M) Long	44N-116-15 1440-1012
45 Series Conduits			
Max. .045" (1,2 mm) 15 ft (5 M) Long	45-3545-15 1450-1103	Max. .045" (1,2 mm) 25 ft (8 M) Long	45-3545-25 1450-1105
Max. 1/16" (1,6 mm) 15 ft (5 M) Long	45-116-15 1450-1113	Max. 1/16" (1,6 mm) 25 ft (8 M) Long	45-116-25 1450-1115
Max. 5/64" (2,0 mm) 15 ft (5 M) Long	45-564-15 1450-1123	Max. 5/64" (2,0 mm) 25 ft (8 M) Long	45-564-25 1450-1125
Max. 3/32" (2,4 mm) 15 ft (5 M) Long	45H-332-15 1450-1133	Max. 7/64" (2,8 mm) 15 ft (5 M) Long	45H-764-15 1450-1143
Max. 1/8" (3,2 mm) 15 ft (5 M) Long	45-18-15 1450-1153		
For Aluminum Wire			
Max. 3/64" (1,2 mm) 15 ft (5 M) Long	45N-3545-15 1450-1003	Max. 1/16" (1,6 mm) 15 ft (5 M) Long	45N-116-15 1450-1013