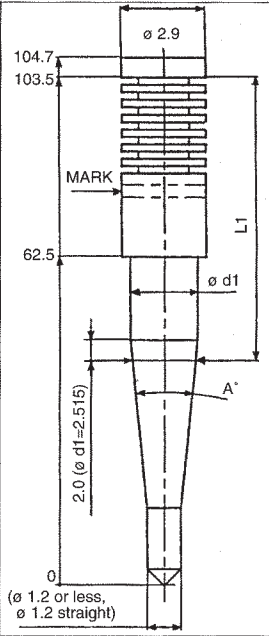


Jet Needles

FCR, FCR-MX (35mm-41mm) Needles

PART NUMBER
SERIES MARK
N 4 2 7 - O C

MARK	TAPER: A	L1	DIAMETER: d1
A		74.20	2.605
B		74.65	2.615
C		75.10	2.625
D	0°45'	75.55	2.635
E	1°00'	76.00	2.645
F	1°15'	76.45	2.655
G	1°30'	76.90	2.665
H	1°45'	77.35	2.675
J	2°00'	77.80	2.685
K	2°15'	78.25	2.695
L	2°30'	78.70	2.705
M	2°45'	79.15	2.715
N	3°00'	79.60	2.725
P	3°15'	80.05	2.735
Q	3°30'	80.50	2.745
R	3°45'	80.95	2.755
S	4°00'	81.40	2.765
T	4°15'	81.85	2.775
U	4°30'	82.30	2.785
V	4°45'	82.75	2.795
W	5°00'	83.20	2.805
X		83.65	2.815
Y		84.10	2.825
Z		84.55	2.835



NOTE: Number 1 clip position is furthest from needle taper. The number after the three digits is clip position.

	TAPER		
	Leaner 0.75 degree	Standard 1.00 degree	Richer 1.25 degree
4 Clip position Leaner	N/A	EMR-1	FHR-2
2 Clip position Leaner	DTR-1	EMR-3	FHR-4 FBR-1
Standard	DTR-3	EMR-5 EFR-2	FHR-6 FBR-3
2 Clip position Richer	DTR-5 DMR-2	EMR-7 EFR-4	FBR-5
4 Clip position Richer	DTR-7 DMR-4 DFR-1	EFR-6 EBR-4	FBR-7
6 Clip position Richer	DMR-6 DFR-3	EBR-6	N/A

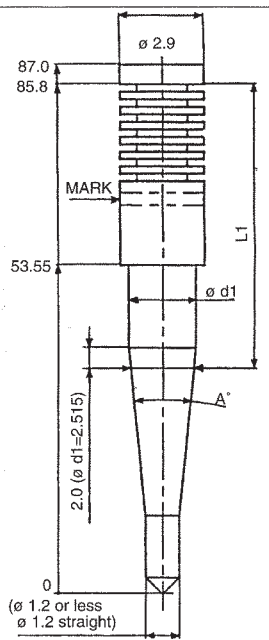
Straight diameter:
M (2.715mm)
P (2.735mm)
R (2.755mm)
T (2.775mm)
V (2.795mm)

Jet Needles

FCR (32mm-33mm) Needles

PART NUMBER
SERIES MARK
N 4 2 7 - 9 0

MARK	TAPER: A	L1	DIAMETER: d1
A		58.25	2.605
B		58.70	2.615
C		59.15	2.625
D	0°45'	59.60	2.635
E	1°00'	60.05	2.645
F	1°15'	60.50	2.655
G	1°30'	60.95	2.665
H	1°45'	61.40	2.675
J	2°00'	61.85	2.685
K	2°15'	62.30	2.695
L	2°30'	62.75	2.705
M	2°45'	63.20	2.715
N	3°00'	63.65	2.725
P	3°15'	64.10	2.735
Q	3°30'	64.55	2.745
R	3°45'	65.00	2.755
S	4°00'	65.45	2.765
T	4°15'	65.90	2.775
U	4°30'	66.35	2.785
V	4°45'	66.80	2.795
W	5°00'	67.25	2.805
X		67.70	2.815
Y		68.15	2.825
Z		68.60	2.835



NOTE: Number 1 clip position is furthest from needle taper. The number after the three digits is clip position.

	TAPER		
	Leaner 1.00 degree	Standard 1.25 degree	Richer 1.50 degree
4 Clip position Leaner	N/A	FTR-1	GTR-3
2 Clip position Leaner	N/A	FTR-3	GTR-5 GKR-1
Standard	ETR-2	FTR-5 FKR-1	GTR-7 GKR-3
2 Clip position Richer	ETR-4	FTR-7 FKR-3	GKR-5 GBR-1
4 Clip position Richer	ETR-6 EKR-2	FKR-5 FBR-1	GKR-7 GBR-3
6 Clip position Richer	EKR-4	FKR-7 FBR-3	GBR-5
8 Clip position Richer	EKR-6 EBR-2	FBR-5	GBR-7
10 Clip position Richer	EBR-4	FBR-7	N/A

Straight diameter:
M (2.715mm)
P (2.735mm)
R (2.755mm)
T (2.775mm)
V (2.795mm)