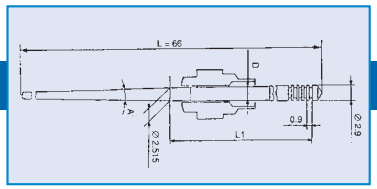
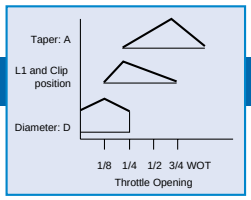
KEIHIN JET NEEDLES PE, PJ, PWK, PWM

N427-48 PJ34-38, PE36, PWK33-39, PWM38





Operations affected by needle selection

C taper | G L1 | J diameter

Rich ← 1/8 TO 1/4 THROTTLE → Lean

Diameter (d-1) mm

Taper (A) in degrees	(L1) length in mm		A=2.605	B=2.615	C=2.625	E=2.645	F=2.655	G=2.665	H=2.675	J=2.685	K=2.695	L-2.705	M=2.715	N=2.725	P=2.745	Q=2.745
A 1° 00'	C=36.35 E=38.15 G=39.95	RICH ↕ LEAN					AEF/017-407	AEG/017-071	AEH/017-408	AEJ/017-000	AEK/017-409	AEL/017-001	AEM/017-410	AEN/017-002	AEP/017-411	AEQ/017-003
B 1° 15'	C=36.35 E=38.15 G=39.95	RICH | LEAN						BEG/017-006 BGG/017-009		BEJ/017-005 BGJ/017-010		BEL/017-004 BGL/017-011	BEM/017-420 BGM/017-425	BEN/017-007 BGN/017-012	BEP/017-421 BGP/017-426	BEQ/017-008 BGQ/017-070
C 1° 34'	C=36.35 E=38.15 G=39.95	RICH | LEAN					CEF/017-429 CGF/017-480	CCG/017-460 CEG/017-021 CGG/017-024	CCH/017-461 CGH/017-020	CCJ/017-462 CEJ/017-019 CGJ/017-025	CCK/017-463 CEK/017-430 CGK/017-018	CCL/017-464 CEL/017-017 CGL/017-016	CCM/017-465 CEM/017-431 CGM/017-015	CCN/017-466 CEN/017-022 CGN/017-014	CEP/017-432 CGP/017-481	CEQ/017-023 CGQ/017-013
D 1° 45'	C=36.35 D=36.80 E=38.15 G=39.95	RICH ↕ LEAN	DCA/017-484 DDA/017-496	DDB/017-497	DDC/017-498	DCE/017-488 DDE/017-499 DEE/017-505	DCF/017-489 DEF/017-506	DEG/017-034 DGG/017-037	DCH/017-486 DGH/017-033	DCJ/017-487 DDJ/017-500 DEJ/017-032 DGJ/017-031	DCK/017-490 DDK/017-501 DEK/017-508 DGK/017-030	DCL/017-491 DDL/017-502 DEL/017-029 DGL/017-038	DCM/017-492 DDM/017-503 DEM/017-510 DGM/017-028	DCN/017-493 DEN/017-035 DGN/017-027	DCP/017-494 DEP/017-511	DCQ/017-495 DEQ/017-036 DGQ/017-026
E 2° 00'	C=36.35 E=38.15 G=39.95	RICH | LEAN	ECA/017-442			ECE/017-440 EEE/017-039 EGE/017-540	ECF/017-441 EEF/017-040 EGF/017-541	ECG/017-443 EEG/017-041 EGG/017-048	ECH/017-444 EEH/017-450 EGH/017-047	ECJ/017-445 EEJ/017-451 EGJ/017-049	ECK/017-446 EEK/017-452 EGK/017-046	ECL/017-447 EEL/017-453 EGL/017-045	EEM/017-454 EGM/017-044	ECN/017-448 EEN/017-455 EGN/017-043	EEP/017-456 EGP/017-050	ECQ/017-449 EEQ/017-457 EGQ/017-042
F 2° 15'	E=38.15							FEG/017-544	FEH/017-545	FEJ/017-546						
G 2° 26'	F=38.60					GFE/017-550	GFF/017-551	GFG/017-552						GFN/017-555		

1/4 to 3/4 Throttle

OEM-N427-48-q q q Series Conversion Chart

* Not all OEM needles are available as option needles.

1. How To Read Marks

1) Mark on OEM Jet Needle [6 digits]

- 1st digit of MARK on OEM's tells you the KEIHIN Part Number
- NEXT TWO DIGITS (2nd & 3rd) tell you TAPER angle.
- NEXT TWO DIGITS (4th & 5th) tell you DIAMETER of needle.
- LAST DIGIT (6th) tells you L1.

2) Mark on Option Jet Needle [3 digits]

- 1st digit is for TAPER angle.
- 2nd digit is for L1.
- LAST digit is for DIAMETER.

2. Conversion Table

1) TAPER		2) DIAMETER				3) L1	
OEM	OPTION	OEM	OPTION	OEM	OPTION	OEM	OPTION
11	B	60	A	72	N	A	A
13	C	61	B	73	P	B	B
14	D	62	C	74	Q	E	C
20	E	63	D	75	R	F	D
22	F	64	E	76	S	J	E
30	J	65	F	77	T	K	F
		66	G	78	U	N	G
		67	H	79	V	P	H
		68	J	80	W	S	J
		69	K	81	X	T	K
		70	L	82	Y	W	L
		71	M	83	Z	Y	M

3. Examples for Conversion

OEM NEEDLE	OPTION
R 1 1 6 6 J →	B E G
R 1 3 6 8 N →	C G J
R 1 4 7 0 N →	D G L
R 2 0 7 2 N →	E G N

OEM: Taper = 2 0, Diameter = 7 2, L1 = N
OPTION: Taper | Diameter = E G, L1 = N

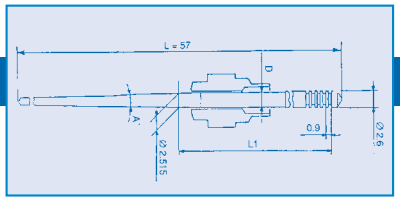
The MARK ORDER of OEM needle is NOT the same as OPTION's. DO NOT FORGET IT.

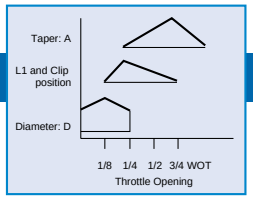
N84x, N85x Jet Needle to N428-48xxx

OEM MARK	OPTION MARK	OEM MARK	OPTION MARK
N84A	CFF	N84I	CFP
N84B	CFG	N84J	CFQ
N84C	CFH	N84K	CFR
N84D	CFJ	N85A	CCF
N84E	CFK	N85B	CCG
N84F	CFL	N85C	CCH
N84G	CFM	N85D	CCJ
N84H	CFN	N85E	CCK

NOTE: N84x series are dual taper, N85x series are triple taper, therefore this chart will only give approximate comparison. Change main jet to two size larger with N428-48 series for N85 series.

N427-46 PWK28, PE20





Operations affected by needle selection

J	J	H
taper	*L1*	*diameter*

Rich ← *1/8 to 1/4 Throttle* → *Lean*

Diameter (d-1) mm

1/4 to 3/4 Throttle: *LEAN* ↑ / ↓ *RICH*

Taper (A) in degrees	(L1) length in mm		D=2.405	E=2.405	F=2.415	G=2.425	H=2.435	J=2.445	K=2.455	L=2.465	M=2.475	N=2.485	P=2.495	Q=2.505	S=2.525
G 2° 26'	F=22.25 J=25.40	RICH LEAN					GFH/017-610 GJH/017-615		GFK/017-612 GJK/017-616						
H 2° 45'	F=22.25 K=25.85 L=27.20	RICH LEAN			HFF/017-617 HKF/017-650	HFG/017-618 HKG/017-651 HLG/017-621	HFH/017-619 HKH/017-652 HLH/017-622	HKJ/017-653 HLJ/017-623	HFK/017-620 HKK/017-654	HKL/017-655					
J 3° 00'	F=22.25 G=23.60 J=25.40 L=27.20	RICH LEAN	JJD/017-179	JJE/017-185	JJF/017-186 JLF/017-631	JFG/017-625 JJG/017-187 JLG/017-632	JJH/017-180 JLH/017-633	JFJ/017-626 JJJ/017-188 JLJ/017-634	JJK/017-189	JFL/017-627 JJL/017-181	JJM/017-630	JFN/017-051 JGN/017-054 JJN/017-182	JFP/017-628	JFQ/017-052 JGQ/017-055 JJQ/017-183	JFS/017-053 JGS/017-056 JJS/017-184
K 3° 15'	L=27.20	RICH LEAN			KLF/017-660	KLG/017-661	KLH/017-662	KLJ/017-663	KLK/017-664						
L 3° 33'	G=23.60 J=25.40	RICH LEAN				LGG/017-635 LJG/017-062	LGH/017-636 LJH/017-640	LGJ/017-057 LJJ/017-641		LGL/017-058		LGN/017-059		LGQ/017-060	LGS/017-061
M 3° 50'	J=25.40 L=27.20	RICH LEAN								MLL/017-190		MJN/017-067 MLN/017-191		MJQ/017-068 MLQ/017-192	MJS/017-069 MLS/017-193

N427-5 Keihin Harley Davidson CVH

MA	H	R
taper	*L1*	*diameter*

Rich ← *1/8 to 1/4 Throttle* → *Lean*

Diameter (d-1) mm

1/4 to 3/4 Throttle: ↑ / ↓

Taper (A) in degrees	(L1) length in mm		R=2.750	S=2.760
A 1° 35'	H=24.25 J=23.80 K=23.35	RICH LEAN	AHR/017-575 AJR/017-576 AKR/017-577	AHS/017-580 AJS/017-581

N427-68 Keihin

taper	*L1*	*diameter*

Rich ← *1/8 to 1/4 Throttle* → *Lean*

Diameter (d-1) mm

1/4 to 3/4 Throttle: ↑ / ↓

Taper (A) in degrees	(L1) length in mm		R=2.750	S=2.760
A 1° 35'	H=24.25 J=23.80 K=23.35	RICH LEAN	AOO/017-595	