



Features

Prevailing Torque of DCN is higher than existing Locknut Install and Removal of Locknut body is easier than existing Locknut. Especially, DCN has excellent self-locking feature under vibration and high-speed rotation. DCN can get a relatively large thrust load. It is easy to adjust the run-out. The choice is wide due to the two kinds of thickness.

Specifications

- Material : S45C
- Hardness : HRC 22-28
- Thread Accuracy: ISO 4H
- Set screw Material : SCM435
- Surface treatment : Black phosphated coating
- Perpendicularity : 0.002mm~0.007mm

Usage

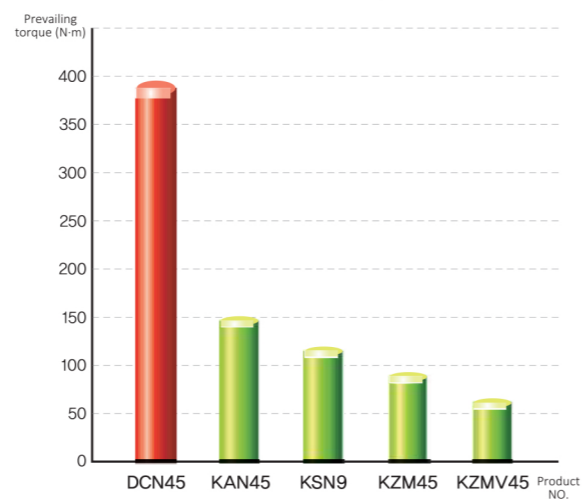
Comparison

▼ DCN45X1.5 Prevailing Torque Comparison

Product NO.	Tightening torque(N·m)	Set screw	Prevailing torque (N·m)
DCN45(M45×1.5P)	8	3-M6	384
KAN45(M45×1.5P)	3	6-M4	153
KSN9(M45×1.5P)	8	3-M6	123
KZM45(M45×1.5P)	8	3-M6	83
KZMV45(M45×1.5P)	8	3-M6	65

※ KAN is tightened with hexagon wrench bolt.
Measuring instrument

▼ Prevailing Torque Comparison



Order Method (Order Example)

DCN(L)	30	1.5
Product NO	d	Pitch



Product NO.	Dimension(mm)						Set Screw		Mass	
	D	H1	H2	g	t	d1	n-m	N-m	DCN g	DCNL g
d X pitch	mm	mm	mm	mm	mm	mm				
DCN(L)20×1	32	10	18	4	2	26	3-M5	4.5	34	110
DCN(L)25×1.5	38	12	20	5	2	32	3-M5	4.5	58	130
DCN(L)30×1.5	45	12	20	5	2	39	3-M5	4.5	78	160
DCN(L)35×1.5	52	12	22	5	2	46	3-M6	8	104	190
DCN(L)40×1.5	58	14	22	6	2.5	51	3-M6	8	148	300
DCN(L)45×1.5	65	14	22	6	2.5	58	3-M6	8	184	330
DCN(L)50×1.5	70	14	25	6	2.5	63	3-M6	8	200	400
DCN(L)55×2	75	16	25	7	3	67	3-M6	8	246	540
DCN(L)60×2	80	16	26	7	3	72	3-M6	8	270	610
DCN(L)65×2	85	16	28	7	3	77	3-M6	8	290	710
DCN(L)70×2	92	18	28	8	3.5	83	3-M8	18	398	750
DCN(L)75×2	98	18	28	8	3.5	89	3-M8	18	434	800
DCN(L)80×2	105	18	32	8	3.5	96	3-M8	18	504	900
DCN(L)85×2	110	18	32	8	3.5	101	3-M8	18	532	1,150
DCN(L)90×2	120	20	32	10	4	108	3-M8	18	762	1,200
DCN(L)95×2	125	20	32	10	4	113	3-M8	18	796	1,250
DCN(L)100×2	130	20	32	10	4	118	3-M8	18	836	1,300
DCN(L)105×2	140	22	32	12	5	125	3-M10	35	1,130	1,375
DCN(L)110×2	145	22	32	12	5	132	3-M10	35	1,172	1,450
DCN(L)115×2	150	22	32	12	5	137	3-M10	35	1,270	1,525
DCN(L)120×2	155	24	32	12	5	142	3-M10	35	1,390	1,600
DCN(L)125×2	160	24	32	12	5	147	3-M10	35	1,450	1,650
DCN(L)130×2	165	24	32	12	5	152	3-M10	35	1,500	1,700
DCN(L)135×2	175	26	32	14	6	160	3-M12	60	1,930	1,750
DCN(L)140×2	180	26	32	14	6	165	3-M12	60	1,950	1,800
DCN(L)145×2	190	26	32	14	6	175	3-M12	60	2,380	1,875
DCN(L)150×2	195	26	32	14	6	180	3-M12	60	2,440	1,950
DCN(L)155×3	200	28	32	16	7	180	3-M12	60	2,760	2,025
DCN(L)160×3	210	28	32	16	7	190	3-M12	60	3,160	2,100
DCN(L)165×3	210	28	32	16	7	190	3-M12	60	3,300	2,150
DCN(L)170×3	220	28	32	16	7	200	3-M12	60	3,315	2,200
DCN(L)180×3	230	30	32	18	8	205	3-M12	60	3,690	2,300
DCN(L)190×3	240	30	32	18	8	215	3-M12	60	3,880	2,400
DCN(L)200×3	250	32	32	18	8	225	3-M12	60	4,370	2,500

* From DCN 105×2, it will be produced after order. So please ask to our company about delivery time.