

Disc Couplings with Stepped

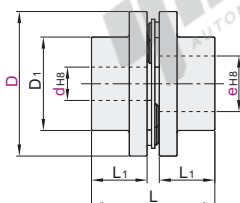
Set Screw, Both Sides Keyway

High Rigidity(Carbon Steel)

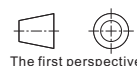
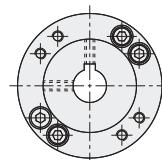
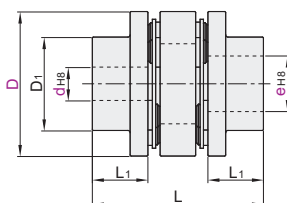
Code	Type		Material		Surface Treatment	Accessories
			Main Body	Disc	Main Body	
DBN41	Set Screw,	Single Disc	S45C	Stainless Steel	Black Oxide	Hex Socket Set Screw
DBN46	Both Sides Keyway	Double Disc				



Single Disc
DBN41



Double Disc
DBN46



Refer to coupling "product introduction" for machining dimension of keyway.

Part Number		d-e											
Code	D												
Single Disc DBN41	65	d	15	16	17	18	19	20	22	24	25	30	
		e	15 16 17 18 19 20 22 24 25 30	16 17 18 19 20 22 24 25 30	17 18 19 20 22 24 25 30	18 19 20 22 24 25 30	19 20 22 24 25 30	20 22 24 25 30	22 24 25 30	24 25 30	25 30	30	
Double Disc DBN46	87	d	20	22	24	25	30	35					
		e	20 22 24 25 30 35	22 24 25 30 35	24 25 30 35	25 30 35	30 35	35					

Part Number		D ₁	L		L ₁	Rated Torque (N·m)	Allowable Mounting Deviation				Static Torsional Rigidity (N·m/rad)		Max. Rotational Speed (r/min)	Moment of Inertia (kg·m ²)		Weight (g)			
Code	D		DBN41	DBN46			Angular(°)	Radial(mm)	Axial(mm)		DBN41	DBN46		DBN41	DBN46	DBN41	DBN46		
							DBN41	DBN46	DBN41	DBN46									
DBN41	65	42	55.5	77	25	60							8000	2.87×10 ⁻⁴	4.87×10 ⁻⁴	595	884		
DBN46	87	56	67	94	30	180	0.6	0.6	—	0.2	±0.3 ±0.5	±0.6 ±1.0	120000 330000	58000 140000	6000	1.11×10 ⁻³	1.94×10 ⁻³	1300	1900

Inertia moment and weight values are for cases of maximum shaft diameter.



Please order as shown

Part Number											
Code	D	d-e									
DBN41	65	d	15								
DBN46		e	15	16	17	18	19	20	22	24	

DBN41—D65—d15—e16



Discount price	
Per	1~4
Price	100%
	Additional quotation



Delivery	
	14

DBN41/61 Tightening Torque for Screws

D	d/e	Set Screw	
		M	Tightening Torque (N·m)
65	15~17		1.7
	18~22	M5	4
	24~25		7
87	20~22		4
	24~30	M6	7
	35		15