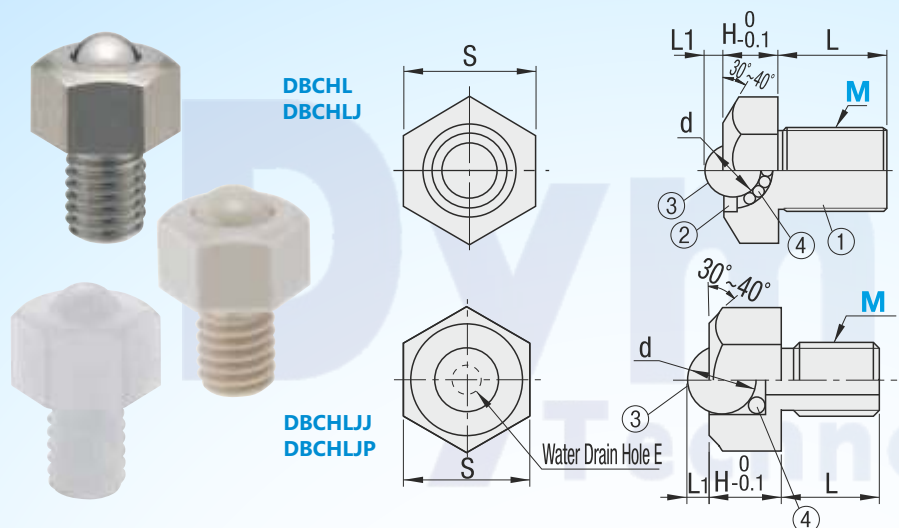


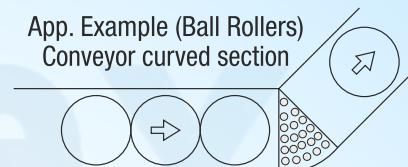
Ball Rollers (For upward facing) Milled Stainless Steel

Hex Head Stud



Example

App. Example (Ball Rollers)
Conveyor curved section



Type	Material			
	① Main Body	② Spacer	③ Main Ball	④ Sub Ball
DBCHL	SUS304	SUS304	SUS440C(HRC55~)	SUS440C(HRC55~)
DBCHLJ	Polyacetal	—	Polyacetal Ball	
DBCHLJJ	PEEK	—	PEEK	
DBCHLJP	PEEK	—	PEEK	

Part Number								Allowable Load N (kg)	
Type	M	L	L ₁	H	d	S		DBCHL	DBCHLJ
DBCHL (Stainless Steel Ball) DBCHLJ (Polyacetal Ball)	5	6	1.1	5	4	8		12 (1.2)	6 (0.6)
	6	8	1.2	6	4.76	10		14 (1.4)	7 (0.7)
	8	10	1.5	7	5.56	13		41 (4.2)	27 (2.8)
	10	12	2.5	10	8.73	17		55 (5.6)	34 (3.5)
	12	15	3.5	11	10.32	19		62 (6.3)	55 (5.6)
	16	20	5.3	15	15.87	24		343 (35)	69 (7)
	20	25	6.3	18	19.05	30		412 (42)	82 (8.4)

Part Number		Mass (g)	
Type	M	DBCHL	DBCHLJ
DBCHL (Stainless Steel Ball) DBCHLJ (Polyacetal Ball)	5	2.6	2.4
	6	5	4
	8	10	9
	10	24	21
	12	35	32
	16	83	70
	20	158	134

DBCHLJJ is not suitable for high-speed transfer.

Part Number										Allowable Load N (kg)	
Type	M	L	L ₁		H	d		S	E	DBCHLJ	DBCHLJ
DBCHLJJ (Polyacetal) DBCHLJP (PEEK)	4	5	1	—	4	3.18	—	7	0.8	1 (0.1)	—
	5	6	1.5	1.5	5	4.76	4.76	8	1.5	2 (0.2)	2 (0.2)
	6	8	1.7	2	6	5.56	6.35	10	2.5	4 (0.4)	5 (0.5)
	8	10	2.8	2.5	8	8.73	7.94	13	3	7 (0.7)	6 (0.6)
	10	12	3.5	3	10	10.32	9.53	17	3.5	11 (1.1)	8 (0.8)

Part Number		Mass (g)	
Type	M	DBCHLJJ	DBCHLJP
DBCHLJJ (Polyacetal) DBCHLJP (PEEK)	4	0.3	—
	5	0.5	0.5
	6	0.9	0.9
	8	2.2	2
	10	4.5	4.1

Basic Specifications
Type - Standard

ORDERING GUIDE



DBCHL5