


SPACERS FOR TAPERED PIN SET

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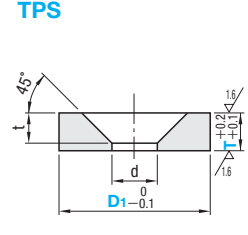
—THICKNESS DESIGNATION TYPE—

Ⓜ Non JIS material definition is listed on P.1351 - 1352

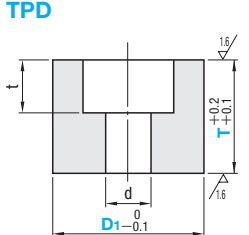


RoHS

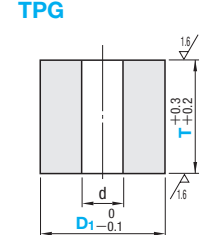
TPS



TPD




TPG



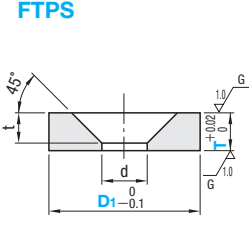
Ⓜ Bolt is attached to **TPS** and **TPD** as accessories.

Ⓜ S45C
Ⓜ 46~50HRC

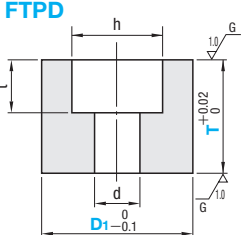


RoHS

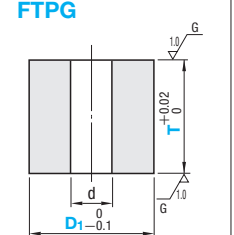
FTPS



FTPD



FTPG



Ⓜ Select an appropriate bolt for **FTPS** and **FTPD** after referring to **FB(P.1189)**, **CB(P.1185)** and **CBS(P.1187)**.

Ⓜ S45C
Ⓜ 46~50HRC

Applicable tapered pin D	Plate thickness	d	t	Supplied bolts	Part Number Type	D ₁	T	U/Price 1~9 pcs.	
13	20	4.5	3.0	FB 4-10	TPS	16	5		
	25						10		
16	20	5.5	3.0	FB 5-12		20	5		
	25						10		
20	25	6.5	4.0	FB 6-12		25	5		
	30						10		
25	30	8.5	4.5	FB 8-15		32	5		
	35						10		
30	40	10.5	7.5	FB 10-20		35	10		
	32						10		
10	25	4.5	6	CB 4-10	TPD	13	10		
	30						15		
	35						20		
	40						25		
13	25	4.5	6	CB 4-25		16	10		
	30						15		
	35						20		
	40						25		
16	25	5.5	7	CB 5-10		TPD	20	10	
	30							15	
	35				20				
	40				25				
20	30	6.5	9	CB 6-16	25		10		
	35						15		
	40						20		
	45						25		
25	40	8.5	10	CB 8-15	32		15		
	45						20		
	50					25			
	60					30			
30	50	10.5	12	CB 10-20	35	20			
	60					30			
	70					40			
	80					50			
32	60	12.5	14	CB 10-30	38	20			
	70					30			
	80					40			
	80					50			
35	60	12.5	14	CBS 12-25	42	15			
	70					25			
42	60	12.5	14	CB 12-25	48	20			
	70					30			

Applicable tapered pin D	Plate thickness	d	Applicable bolts M	Part Number Type	D ₁	T	U/Price 1~9 pcs.
8	20	3.5	M 3	TPG	8	5	
	25					10	
10	20	4.5	M 4		10	5	
	25					10	
16	20	5.5	M 5		16	5	
	25					10	
	30					15	
	35					20	
20	25	6.5	M 6		20	5	
	30					10	
	35			15			
	40			20			
25	30	8.5	M 8	25	5		
	35				10		
	40				15		
	45				20		
30	35	10.5	M10	30	5		
	40				10		
	45				15		
	50				20		
32	40	12.5	M12	32	5		
	50				10		
	60				20		
	70				30		
42	45	12.5	M12	42	5		
	50				10		

Ⓜ Sizes marked* are discontinued at April 2010.

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Order **Part Number** — **T**
TPS20 — 10

Price **Quotation**

Days to Ship **Quotation**

Applicable tapered pin D	h	d	t	Applicable bolts	Part Number Type	D ₁	T	U/Price 1~9 pcs.
13	—	4.5	3.0	FB4	FTPS	16	5.0~10.0	
							20	5.0~10.0
							25	6.0~10.0
							32	6.5~10.0
							32	6.5~10.0
10	8	4.5	6	CB4	FTPD	13	10.0~14.9	
							15.0~19.9	
							20.0~25.0	
							10.0~14.9	
							15.0~19.9	
							20.0~25.0	
							10.0~14.9	
							15.0~19.9	
							20.0~24.9	
							25.0~29.9	
16	9.5	5.5	7	CB5	FTPD	20	20.0~24.9	
							25.0~29.9	
							30.0~35.0	
							10.0~14.9	
							15.0~19.9	
							20.0~24.9	
							25.0~29.9	
							30.0~35.0	
							10.0~14.9	
							15.0~19.9	
20	11	6.5	9	CB6	FTPD	25	20.0~24.9	
							25.0~29.9	
							30.0~39.9	
							40.0~50.0	
							15.0~19.9	
							20.0~24.9	
							25.0~34.9	
							35.0~44.9	
							45.0~55.0	
							20.0~29.9	
25	14	8.5	10	CB8	FTPD	32	15.0~19.9	
							20.0~24.9	
							25.0~34.9	
							35.0~44.9	
							45.0~55.0	
							20.0~24.9	
							30.0~39.9	
							40.0~50.0	
							20.0~29.9	
							30.0~39.9	
30	17.5	10.5	12	CB10	FTPD	35	30.0~39.9	
							40.0~50.0	
							20.0~29.9	
							30.0~39.9	
							40.0~50.0	
							20.0~29.9	
							30.0~39.9	
							40.0~50.0	
							15.0~24.9	
							25.0~34.9	
35	20	12.5	14	CBS12	FTPD	42	15.0~24.9	
							25.0~34.9	
42	20	12.5	14	CB12	FTPD	48	20.0~29.9	
							30.0~40.0	

Applicable tapered pin D	d	Applicable bolts M	Part Number Type	D ₁	T	U/Price 1~9 pcs.
8	3.5	M 3	FTPG	8	1.0~10.0	
					10	1.0~10.0
					13	1.0~10.0
					13	1.0~9.9
10	4.5	M 4		16	10.0~14.9	
					15.0~19.9	
					20.0~24.9	
					25.0~29.9	
16	5.5	M 5		20	1.0~9.9	
					10.0~14.9	
			15.0~19.9			
			20.0~24.9			
20	6.5	M 6	25	20.0~24.9		
				25.0~29.9		
				30.0~39.9		
				40.0~50.0		
25	8.5	M 8	30	1.0~9.9		
				10.0~14.9		
				15.0~19.9		
				20.0~24.9		
30	10.5	M10	32	10.0~14.9		
				15.0~19.9		
				20.0~29.9		
				30.0~39.9		
35	12.5	M12	35	1.0~9.9		
				15.0~24.9		
				25.0~34.9		
				35.0~45.0		
42	12.5	M12	42	1.0~9.9		
				10.0~19.9		

Order **Part Number** — **T**
FTPS20 — 9.8

Price **Quotation**

Days to Ship **Quotation**

Components for Positioning

Quotation