

SHAFTS -ONE SIDE STEPPED・THE OTHER SIDE FEMALE SCREW HOLLOW TYPE -

シャフト

一片端段付・片端めねじパイプタイプ

●カタログ規格外品はこちら [P137](#)
●CADデータフォルダ名: 01_Shafits

Type	材質	硬度	表面処理
SPJA			
PSPJA	SUJ2相当	高周波焼入有効硬化層深さ P148	硬質クロムメッキメッキ厚750~メッキ厚5μ以上
RSPJA		58HRC~	低温黒色クロムメッキ

●D部面粗度はメッキ品は $\sqrt{1.6}$ / メッキ無し品は $\sqrt{0.4}$ です。
●低温黒色クロムメッキの特長 [P162](#)
●寸公差・真円度・真直度・直角度・同軸度・硬度変化 [P147](#)
●パイプ穴内部、タップ内、ホール穴、横穴等には低温黒色クロムメッキは処理されません。よって錆の発生があります。
●軸端加工部(ねじ有効長+約10mm)
●パイプシャフトの肩内について [P147](#)参照加工のための焼きなましによる硬度低下の可能性がありま。●加工部付近は焼きなましによる変形のため、外径公差より外れる可能性があります。

型式	Type	Dg6	指定1mm単位			M(並目) 選択	(Y) Max.	d	R	C
			L	F	P					
SPJA	6	-0.004	25~598		5≤P<D	3	600	2	0.5以下	
	8	-0.005	25~798		6≤P<D	4 5	800	3		
	10	-0.014	25~798		7≤P<D	5 6	800	4		
	12	-0.016	25~998		8 T1(RC1/8)		1000	6		
PSPJA	13	-0.006	25~998	2≤F≤P×3	10≤P<D		1000	7	0.3以下	
	16	-0.017	25~1198		12 T2(RC1/4)		1200	10		
	20	-0.007	25~1198		16 T3(RC3/8)		1200	14		
RSPJA (D≤30, L≤500)	25	-0.020	25~1198		20≤P<D		20	1200	16	1.0以下
	30	-0.007	25~1498		22≤P<D		20	1500	17	
	35	-0.020	25~1498		24≤P<D		24	1500	19	
	40	-0.009	25~1498		25≤P<D		24 30	1500	20	
	40	-0.025	25~1498		32≤P<D		30	1500	26	
	50	-0.025	25~1498							

●M選択でT1・T2・T3を選択の場合、テーパねじ加工を行います。(指定方法: MT1)
●全長Lには、M×3≤Lが必要です。

Order 注文例: 型式 SPJA20 - L277 - F25 - P16 - M16

Delivery 出荷日: 3 日目出荷

Alteration 追加加工: 型式 SPJA20 - L277 - F25 - P16 - M16 - (DKC・LKC・SC)

Price 価格: 数量スライド価格 (1円未満切り捨て) P133

数量区分	標準対応	個別対応
数量	1~4	5~12
値引率	基準単価	5% 10% 15% 51~

Alterations	外径公差変更(精密級)	L寸法公差変更	スパナ溝追加加工
Code	DKC	LKC	SC
Spec.	外径公差を5に変更します。 指定方法DKC D h5公差 6 -0.005 8~10 0 12~16 0 20~30 -0.009 35~50 0 -0.011 ●低温黒色クロムメッキは適用不可	L寸法を公差変更します。 指定方法LKC L<200 → L±0.03 200≤L<500 → L±0.05 L≥500 → L±0.1 ●LKC使用の場合、L寸0.1mm単位指定可 ●D-P≤2の場合、適用不可	スパナ溝を追加加工します。 指定方法SC5 SC-指定1mm単位 ●SC+α≤L-M×2 SC≥0 D W α 6 5 8 8 7 8 10 8 12 10 13 11 16 14 10 20 17 25 22 30 27 15 35 30 40 36 20 50 41
¥/Code	400	400	400

型式	Type	D	¥基準単価																																																																																																																																																																																																																																																																																																																																												
			最短L~50	L51~100	L101~150	L151~200	L201~300	L301~400	L401~500	L501~600	L601~800	L801~1000	L1001~1200	L1201~1498																																																																																																																																																																																																																																																																																																																																	
SPJA	6	650	770	880	1,010	1,310	1,600	1,910	2,200	2,500	2,800	3,100	3,400	3,700	4,000	4,300	4,600	4,900	5,200	5,500	5,800	6,100	6,400	6,700	7,000	7,300	7,600	7,900	8,200	8,500	8,800	9,100	9,400	9,700	10,000	10,300	10,600	10,900	11,200	11,500	11,800	12,100	12,400	12,700	13,000	13,300	13,600	13,900	14,200	14,500	14,800	15,100	15,400	15,700	16,000	16,300	16,600	16,900	17,200	17,500	17,800	18,100	18,400	18,700	19,000	19,300	19,600	19,900	20,200	20,500	20,800	21,100	21,400	21,700	22,000	22,300	22,600	22,900	23,200	23,500	23,800	24,100	24,400	24,700	25,000	25,300	25,600	25,900	26,200	26,500	26,800	27,100	27,400	27,700	28,000	28,300	28,600	28,900	29,200	29,500	29,800	30,100	30,400	30,700	31,000	31,300	31,600	31,900	32,200	32,500	32,800	33,100	33,400	33,700	34,000	34,300	34,600	34,900	35,200	35,500	35,800	36,100	36,400	36,700	37,000	37,300	37,600	37,900	38,200	38,500	38,800	39,100	39,400	39,700	40,000	40,300	40,600	40,900	41,200	41,500	41,800	42,100	42,400	42,700	43,000	43,300	43,600	43,900	44,200	44,500	44,800	45,100	45,400	45,700	46,000	46,300	46,600	46,900	47,200	47,500	47,800	48,100	48,400	48,700	49,000	49,300	49,600	49,900	50,200	50,500	50,800	51,100	51,400	51,700	52,000	52,300	52,600	52,900	53,200	53,500	53,800	54,100	54,400	54,700	55,000	55,300	55,600	55,900	56,200	56,500	56,800	57,100	57,400	57,700	58,000	58,300	58,600	58,900	59,200	59,500	59,800	60,100	60,400	60,700	61,000	61,300	61,600	61,900	62,200	62,500	62,800	63,100	63,400	63,700	64,000	64,300	64,600	64,900	65,200	65,500	65,800	66,100	66,400	66,700	67,000	67,300	67,600	67,900	68,200	68,500	68,800	69,100	69,400	69,700	70,000	70,300	70,600	70,900	71,200	71,500	71,800	72,100	72,400	72,700	73,000	73,300	73,600	73,900	74,200	74,500	74,800	75,100	75,400	75,700	76,000	76,300	76,600	76,900	77,200	77,500	77,800	78,100	78,400	78,700	79,000	79,300	79,600	79,900	80,200	80,500	80,800	81,100	81,400	81,700	82,000	82,300	82,600	82,900	83,200	83,500	83,800	84,100	84,400	84,700	85,000	85,300	85,600	85,900	86,200	86,500	86,800	87,100	87,400	87,700	88,000	88,300	88,600	88,900	89,200	89,500	89,800	90,100	90,400	90,700	91,000	91,300	91,600	91,900	92,200	92,500	92,800	93,100	93,400	93,700	94,000	94,300	94,600	94,900	95,200	95,500	95,800	96,100	96,400	96,700	97,000	97,300	97,600	97,900	98,200	98,500	98,800	99,100	99,400	99,700	100,000

低温黒色クロムメッキ追加価格	D	¥追加価格																																																																																																																																																																																																																																																																																																																																																																																																																		
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6	980	990	1,050	1,130	1,190	1,340	1,480	1,620	1,760	1,900	2,040	2,180	2,320	2,460	2,600	2,740	2,880	3,020	3,160	3,300	3,440	3,580	3,720	3,860	4,000	4,140	4,280	4,420	4,560	4,700	4,840	4,980	5,120	5,260	5,400	5,540	5,680	5,820	5,960	6,100	6,240	6,380	6,520	6,660	6,800	6,940	7,080	7,220	7,360	7,500	7,640	7,780	7,920	8,060	8,200	8,340	8,480	8,620	8,760	8,900	9,040	9,180	9,320	9,460	9,600	9,740	9,880	10,020	10,160	10,300	10,440	10,580	10,720	10,860	11,000	11,140	11,280	11,420	11,560	11,700	11,840	11,980	12,120	12,260	12,400	12,540	12,680	12,820	12,960	13,100	13,240	13,380	13,520	13,660	13,800	13,940	14,080	14,220	14,360	14,500	14,640	14,780	14,920	15,060	15,200	15,340	15,480	15,620	15,760	15,900	16,040	16,180	16,320	16,460	16,600	16,740	16,880	17,020	17,160	17,300	17,440	17,580	17,720	17,860	18,000	18,140	18,280	18,420	18,560	18,700	18,840	18,980	19,120	19,260	19,400	19,540	19,680	19,820	19,960	20,100	20,240	20,380	20,520	20,660	20,800	20,940	21,080	21,220	21,360	21,500	21,640	21,780	21,920	22,060	22,200	22,340	22,480	22,620	22,760	22,900	23,040	23,180	23,320	23,460	23,600	23,740	23,880	24,020	24,160	24,300	24,440	24,580	24,720	24,860	25,000	25,140	25,280	25,420	25,560	25,700	25,840	25,980	26,120	26,260	26,400	26,540	26,680	26,820	26,960	27,100	27,240	27,380	27,520	27,660	27,800	27,940	28,080	28,220	28,360	28,500	28,640	28,780	28,920	29,060	29,200	29,340	29,480	29,620	29,760	29,900	30,040	30,180	30,320	30,460	30,600	30,740	30,880	31,020	31,160	31,300	31,440	31,580	31,720	31,860	32,000	32,140	32,280	32,420	32,560	32,700	32,840	32,980	33,120	33,260	33,400	33,540	33,680	33,820	33,960	34,100	34,240	34,380	34,520	34,660	34,800	34,940	35,080	35,220	35,360	35,500	35,640	35,780	35,920	36,060	36,200	36,340	36,480	36,620	36,760	36,900	37,040	37,180	37,320	37,460	37,600	37,740	37,880	38,020	38,160	38,300	38,440	38,580	38,720	38,860	39,000	39,140	39,280	39,420	39,560	39,700	39,840	39,980	40,120	40,260	40,400	40,540	40,680	40,820	40,960	41,100	41,240	41,380	41,520	41,660	41,800	41,940	42,080	42,220	42,360	42,500	42,640	42,780	42,920	43,060	43,200	43,340	43,480	43,620	43,760	43,900	44,040	44,180	44,320	44,460	44,600	44,740	44,880	45,020	45,160	45,300	45,440	45,580	45,720	45,860	46,000	46,140	46,280	46,420	46,560	46,700	46,840	46,980	47,120	47,260	47,400	47,540	47,680	47,820	47,960	48,100	48,240	48,380	48,520	48,660	48,800	48,940	49,080	49,220	49,360	49,500	49,640	49,780	49,920	50,060	50,200	50,340	50,480	50,620	50,760	50,900	51,040	51,180	51,320	51,460	51,600	51,740	51,880	52,020	52,160	52,300	52,440	52,580	52,720	52,860	53,000	53,140	53,280	53,420	53,560	53,700	53,840	53,980	54,120	54,260	54,400	54,540	54,680	54,820	54,960	55,100	55,240	55,380	55,520	55,660	55,800	55,940	56,080	56,220	56,360	56,500	56,640	56,780	56,920	57,060