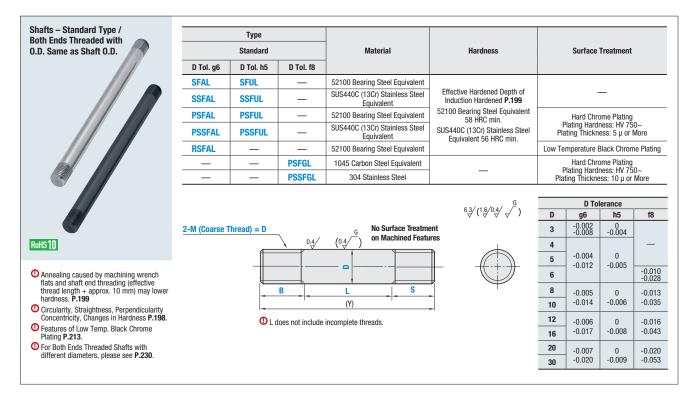
## **Shafts**

## Standard Type / Both Ends Threaded with O.D. Same as Shaft O.D.



	Part Number		1 mm In	crement	м	(Y)	Coarse Threa	d Dimensions
Туре		D	L	B, S	IVI	Max.	M	Pitch
D Tolerance g6 SFAL	D Tolerance h5 SFUL	3	25-194	3–15	3	200	3	0.5
		4	25-292	4–20	4	300	4	0.7
SSFAL	SSFUL	5	25-392	4-25	5	400	5	0.8
PSFAL	PSFUL PSSFUL	6	25-890	5-30	6	900	6	1.0
PSSFAL		8	<b>25–1086</b>	7–40	8	1100	8	1.25
RSFAL		10	25-1184	8-50	10	1200	10	1.5
L≤500, Ymax≤800		12	25-1382	9–60	12	1400	12	1.7
D Tolerance f8		16	<b>25-1380</b>	10-80	16	1400	16	2.0
PSFGL		20	25-1374	13–100	20	1400	20	2.5
PSSFGL		30	25-1464	18–150	30	1500	30	3.5

O For One End Threaded with O.D. same as Shaft O.D., L dimensions have priority, thus the effective thread length of B (S) dimension will be B (S)-(Pitchx2).





## **Shafts**

## Standard Type / Both Ends Threaded with O.D. Same as Shaft O.D., continued



Alteration Details P 200

Alterations	Code	Spec.
	SC	Wrench Flats at One Location Ordering Code: SC5  Application Notes: Applicable to D=6 and over SC=1 mm Increment  ① SC+ℓ <sub>1</sub> ≤L  ① SC=0 or SC≥1  ③ Not available in combination with WSC.
wsc   el ext   W	wsc	Second Set of Wrench Flats  Ordering Code: WSC15  WSC (X)=Specified in 1 mm increments  () WSC X+2,x2 <l ()="" (x)="0" (x)≥1="" control="" control<="" of="" or="" solution="" td="" the="" wsc=""></l>
FC E	FC	Set Screw Flat at One Location       D       h         Ordering Code: FC10-E8       3-5       0.5         FC, E = 1 mm increments       6-16       1         ① FC≤3xD       20-30       2         ② When 1.5xD <fc, 2<="" fc≤l="" td="">       E=0 or E≥2         ③ Not available in combination with WFC.       VFC</fc,>
A WFC WFC E	WFC	Set Screw Flats at Two Locations Ordering Code: WFC10-A8-E20 WFC, A, E = 1 mm increment  ① WFC≤3xD  ① Whn 1.5xD <wfc, (e)="0" (e)≥2="" 2="" 2wfc≤l="" a="" available="" between="" combination="" fc.<="" flats="" in="" is="" not="" or="" orientation="" random.="" screw="" set="" td="" with="" ①="" ③=""></wfc,>

Alterations	Code	Spec.					
b1 RC h	RC	90° Set Screw Flat at One Location Ordering Code: RC10 Application Notes: Applicable to D=10-30  Not available in combination with WRC.					
NRC bi bi	WRC	90° Set Screw Flats at Two Locations Ordering Code: WRC10-Y10 Application Notes: Applicable to D=10-30  Not available in combination with RC. Orientation between set screw features is random.					
	PMC PMS QMC QMS	Change to Fine Thread  Ordering Code: PMC10 PMS10 QMC10 QMS10					
		D	PMC,QMC	Pitch	PMS,QMS	Pitch	
PMC, PMS (Fine)		3	3	0.35			
QMC, QMS (Fine)		4	4	0.5			
		5	5				
		6	6	0.75			
		8	8				
		10	10	1.0	10	1.25	
		12	12		12	1.5	
		16	_	_			
		20	20	1.0			
		30	30	1.5			

- Please see Shaft Alteration Overview for details if provided. P.200
- When selecting multiple alteration additions, the distance between machined areas should be greater than 2 mm. P.201
- O Alterations may lower hardness. P.199