

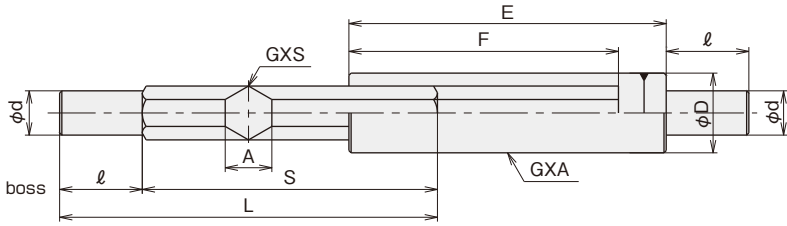
Join Slide GX Series

- A hexagon sleeve and a shaft can be cut at any position.
- This type cannot be used for the application where sliding movement occurs while rotating.
- When it is used in sliding application, also refer to the page of NX slide unit (page 41).
- Regarding the combination of joints, refer to page 28, 29 and 30.

GXSA Unit

Material S-45C
GXS (hexagon ground shaft)

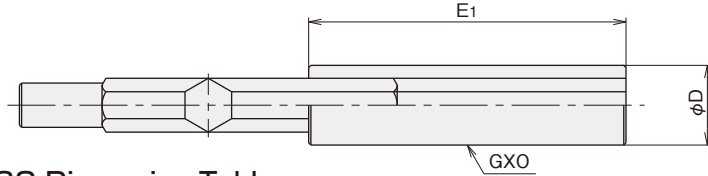
Material STKM-13
GXA (sleeve with hexagon hole) with boss



GXSO Unit

Material S-45C
GXS (hexagon ground shaft)

Material STKM-13
GXO (sleeve with hexagon hole)



■ Type GXSA, GXSO Dimension Table

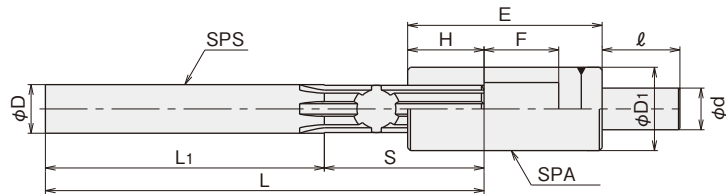
Size	Type Symbol	Hexagon dimension A	Type GXS				Type GXA					Type GXO	
			ϕd^{H7}	L	S	l	ϕd^{H7}	ϕD	l	E	F	ϕD	E ₁
Each type- 6	6	6.7	6	118	100	18	6	11	18	85	75	11	80
Each type- 8	8	7.7	8	119	100	19	8	13	19	85	75	13	80
Each type-10	10	9.8	10	123	100	23	10	16	23	105	95	16	100
Each type-12	12	11.7	12	129	100	29	12	20	29	108	95	20	100
Each type-14	14	13.7	14	181.5	150	31.5	14	23	31.5	128	110	23	120
Each type-16	16	16.7	16	184.5	150	34.5	16	28	34.5	128	110	28	120
Each type-18	18	18.7	18	190	150	40	18	32	40	150	130	32	140
Each type-20	20	20.7	20	190	150	40	20	35	40	170	150	35	160
Each type-22	22	22.6	22	241	200	41	22	38	41	190	170	38	180
Each type-25	25	25.6	25	243	200	43	25	44	43	215	190	44	200
Each type-30	30	31.6	30	256	200	56	30	54	56	215	190	54	200

Join Slide SPS Series

- The spline effective length should be carefully considered when you cut a sleeve and a shaft.
- This type can be used for the application where sliding movement occurs while rotating.
- Regarding the combination of joints, refer to page 31, 32 and 33.

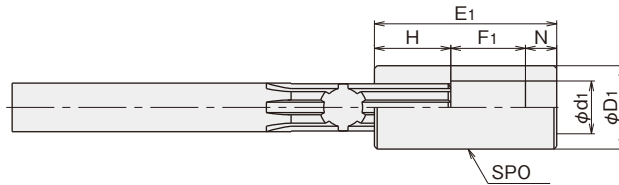
SPSA Unit

Material S-45C
SPS (spline shaft)
SPA (spline sleeve) with boss



SPSO Unit

Material S-45C
SPS (spline shaft)
SPA (spline sleeve)



■ Type SPSA, SPSO Dimension Table

Size	Type Symbol	Spline dimension	Type SPS				Type SPA					Type SPO						
			ϕD^{H7}	L	S	L ₁	ϕd^{H7}	ϕD_1	l	E	H	F	ϕD_1	ϕd_1^{H7}	E ₁	H	F ₁	N
Each type- 5	Large diameter 5	m=0.5 z= 8	5	150	50	100	5	10	18	42.5	7.5	25	10	5.9	42.5	7.5	25	10
Each type- 6	Large diameter 6	m=0.5 z=10	6	150	60	90	6	12	18	43.5	8.5	25	12	8.4	43.5	8.5	25	10
Each type- 8	Large diameter 8	m=0.5 z=14	8	300	70	230	8	16	19	50.5	10.5	25	16	9.9	50.5	10.5	25	15
Each type-10	Large diameter 10	m=0.5 z=18	10	300	80	220	10	20	23	65	20	30	20	12	65	20	30	15
Each type-12	Large diameter 12	m=0.75 z=14	12	400	80	320	12	24	29	85	25	35	24	15	70	25	35	10
Each type-14	11×14×3.0×6		14	400	65	335	14	28	31.5	90	25	40	28	17	75	25	40	10
Each type-16	13×16×3.5×6		16	400	75	325	16	32	34.5	95	30	40	32	20	80	30	40	10
Each type-18	16×20×4.0×6		20	600	85	515	18	36	40	105	35	45	36	23	90	35	45	10
Each type-20	18×22×5.0×6		22	600	90	510	20	40	40	110	40	45	40	25	95	40	45	10
Each type-22	21×25×5.0×6		25	800	95	705	22	44	41	115	40	50	44	27	100	40	50	10
Each type-25	23×28×6.0×6		30	800	100	700	25	50	43	125	40	60	50	31	110	40	60	10
Each type-30	28×34×7.0×6		35	800	115	685	30	60	56	140	55	60	60	38	125	55	60	10