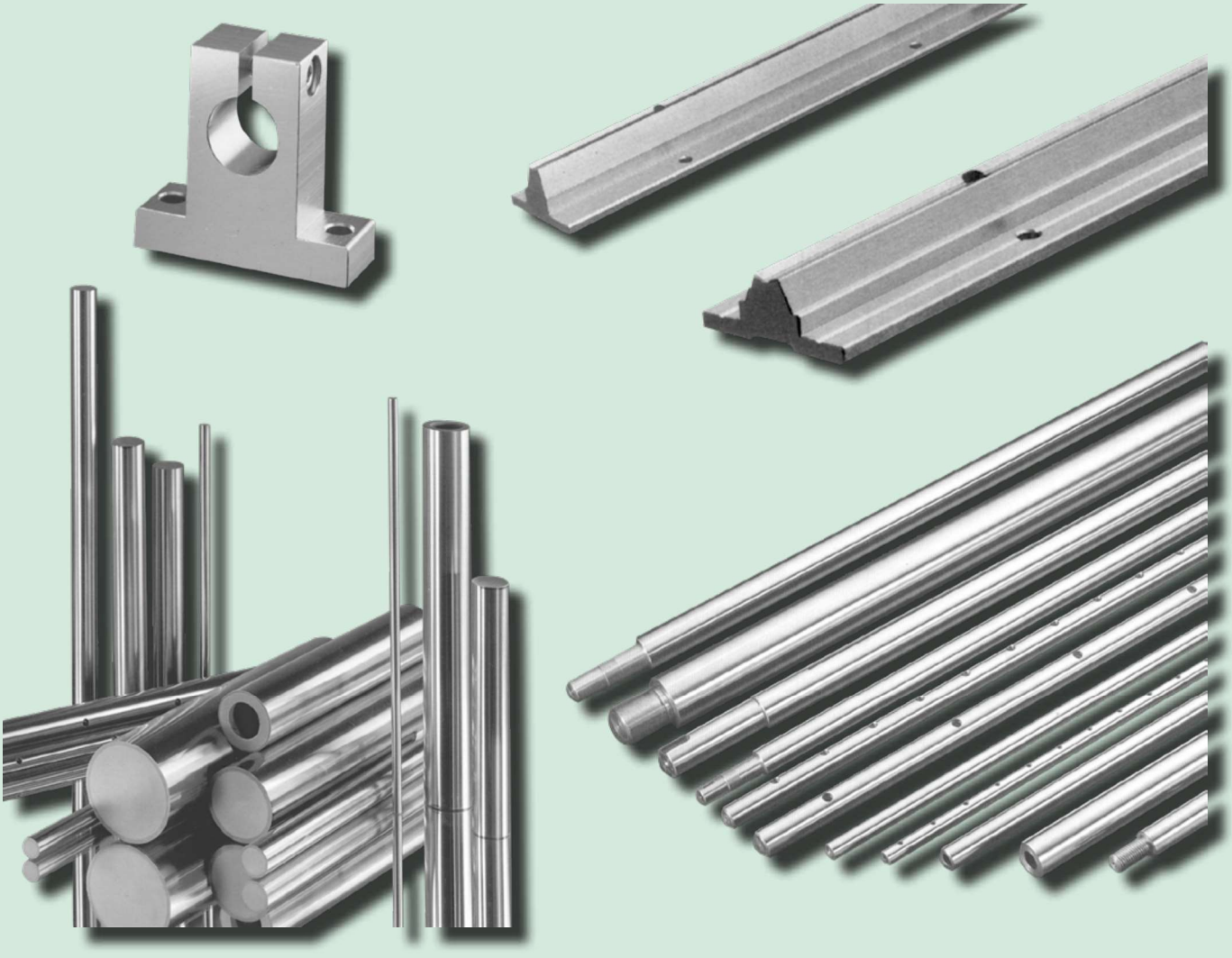
ALBERI E SUPPORTI ALBERO

SHAFTS AND SHAFT SUPPORTS



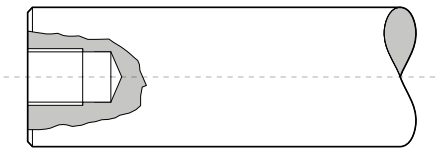
1. ALBERI DI PRECISIONE

1. PRECISION SHAFTS

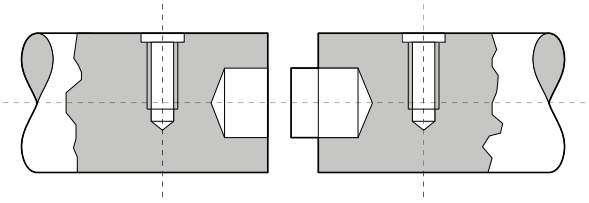
Tipologie · Materiali impiegati · Principali caratteristiche · Lavorazioni

Types • Materials • Main Features • Machinings

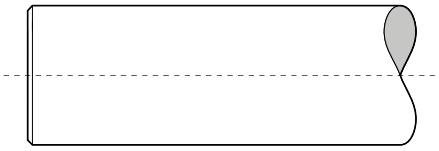
SIGLA *CODE*	W	WV	WRA	WRB	WH	WZ	BAC
TIPOLOGIA ***TYPE***	TEMPRATO RETTIFICATO *HARDENED & GROUND*	TEMPRATO CROMATO *CHROME PLATED & HARDENED*	INOX X90 *STAINLESS X90*	INOX X46 *STAINLESS X46*	TUBI *TUBE*	TUBI IN POLLICI *INCH DIMENSION TUBE*	CROMATO *CHROME PLATED*
MATERIALI ***MATERIALS***	Cf53	Cf53	X90 CrMoV18	X46 Cr13	100Cr6	Cf53	C45
TOLLERANZE ***TOLERANCES***	h6	h6	h6	h6	h6	h6	f7(h7)
DUREZZE ***HARDNESS***	HRC62+/-2	CROMO HV 800-1000	HRC57+/-2	HRC55+/-2	HRC62+/-2	HRC62+/-2	HV 800-1000
DIAMETRI FORNIBILI ***DIMENSION RANGE***	Ø 5 ÷100 mm	Ø 5 ÷100 mm	Ø 5 ÷60 mm	Ø 5 ÷60 mm	A RICHIESTA *UPON REQUEST*	A RICHIESTA *UPON REQUEST*	Ø 3 ÷100 mm



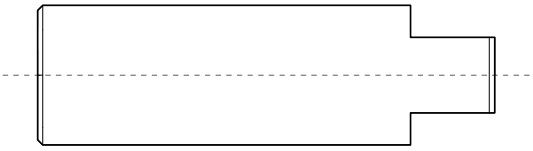
Foratura assiale
Axial Drilling



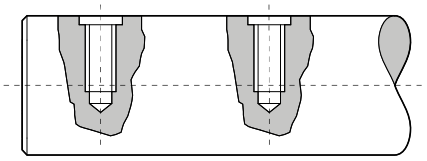
Giunzione di più alberi
Butt Joint



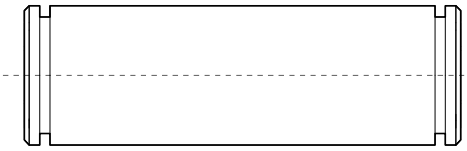
Taglio in lunghezza e sbavatura
Cut to length & chamfer



Piani fresati (a chiave)
Milling (flats for key)



Foratura radiale
Radial drilling



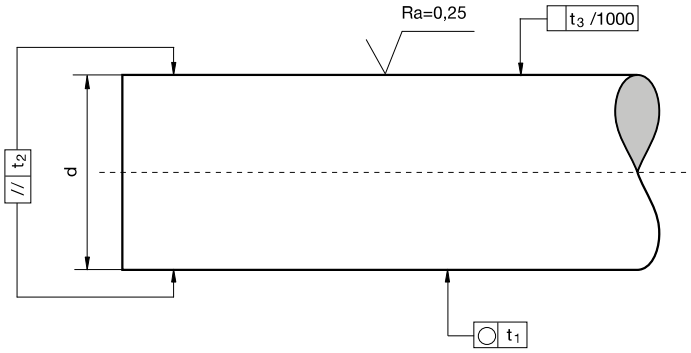
Sedi per anelli d'arresto
Snap ring groove

1.1. ALBERI DI SCORRIMENTO W

Acciaio C 50/Cf 53 · Temprato · Rettificato

1.1. SHAFTS FOR LINEAR MOTION W

C50/Cf53 Steel – Hardened & Ground



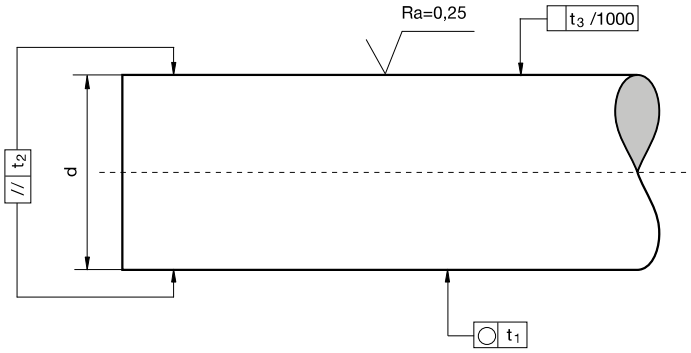
DIAMETRO ALBERO *SHAFT DIAMETER* mm	PESO *WEIGHT* Kg/m	DESCRIZIONE *CODE*	PROFONDITÀ DI TEMPRA MAX *MAX. HARDENING DEPTH* DIN 6773 mm	TOLLERANZA STANDARD *STANDARD TOLERANCE* ISO H6 µm	ROTONDITÀ *ROUNDNESS* T1 µm	PARALLELISMO *PARALLELISM* T2 µm	LINEARITÀ *STRAIGHTNESS* T3 µm
5	0,15	**W 5**	0,8	0 - 8	4	6	300
6	0,22	**W 6**	0,8	0 - 8	4	6	300
8	0,39	**W 8**	1,0	0 - 9	4	6	300
10	0,61	**W 10**	1,0	0 - 9	4	6	300
12	0,89	**W 12**	1,3	0 - 11	5	8	200
14	1,21	**W 14**	1,3	0 - 11	5	8	200
15	1,37	**W 15**	1,3	0 - 11	5	8	200
16	1,57	**W 16**	1,6	0 - 11	5	8	200
18	1,98	**W 18**	1,6	0 - 11	5	8	200
20	2,45	**W 20**	1,6	0 - 13	6	9	100
24	3,55	**W 24**	1,8	0 - 13	6	9	100
25	3,83	**W 25**	1,8	0 - 13	6	9	100
30	5,51	**W 30**	2,0	0 - 13	6	9	100
32	6,30	**W 32**	2,0	0 - 16	7	11	100
35	7,55	**W 35**	2,5	0 - 16	7	11	100
40	9,80	**W 40**	2,5	0 - 16	7	11	100
50	15,3	**W 50**	3,0	0 - 16	7	11	100
60	22,1	**W 60**	3,0	0 - 19	8	13	100
70	30,2	**W 70**	3,0	0 - 19	8	13	100
80	39,2	**W 80**	3,0	0 - 19	8	13	100
90	49,9	**W 90**	3,0	0 - 22	10	16	100
100	61,7	**W 100**	3,3	0 - 22	10	16	100

1.2. ALBERI DI SCORRIMENTO WV

Acciaio C 50/Cf 53 · Temprato · Rettificato e Cromato

1.2. SHAFTS FOR LINEAR MOTION WV

C50/Cf53 Steel – Hardened, Chrome plated & Ground



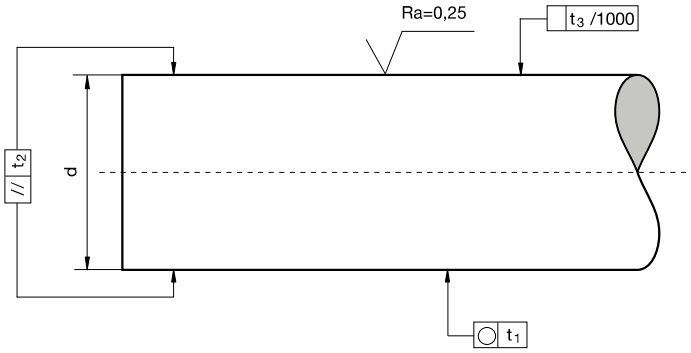
DIAMETRO ALBERO *SHAFT DIAMETER* mm	PESO *WEIGHT* Kg/m	DESCRIZIONE *CODE*	PROFONDITÀ DI TEMPRA MAX *MAX. HARDENING DEPTH* DIN 6773 mm	TOLLERANZA STANDARD *STANDARD TOLERANCE* ISO H6 µm	ROTONDITÀ *ROUNDNESS* T1 µm	PARALLELISMO *PARALLELISM* T2 µm	LINEARITÀ *STRAIGHT-NESS* T3 µm
5	0,16	**WV 5**	0,8	0 - 12	6	10	300
6	0,23	**WV 6**	0,8	0 - 12	6	10	300
8	0,40	**WV 8**	1,0	0 - 15	6	10	300
10	0,62	**WV 10**	1,0	0 - 15	6	10	300
12	0,89	**WV 12**	1,3	0 - 18	8	12	200
14	1,21	**WV 14**	1,3	0 - 18	8	12	200
15	1,39	**WV 15**	1,3	0 - 18	8	12	200
16	1,58	**WV 16**	1,6	0 - 18	8	12	200
18	1,98	**WV 18**	1,6	0 - 18	8	12	200
20	2,47	**WV 20**	1,6	0 - 21	9	12	100
24	3,55	**WV 24**	1,8	0 - 21	9	12	100
25	3,85	**WV 25**	1,8	0 - 21	9	12	100
30	5,55	**WV 30**	2,0	0 - 21	9	12	100
32	6,30	**WV 32**	2,0	0 - 25	11	15	100
35	7,55	**WV 35**	2,5	0 - 25	11	15	100
40	9,87	**WV 40**	2,5	0 - 25	11	15	100
50	15,4	**WV 50**	3,0	0 - 25	11	15	100
60	22,2	**WV 60**	3,0	0 - 30	12	15	100
70	30,2	**WV 70**	3,0	0 - 30	12	15	100
80	39,5	**WV 80**	3,0	0 - 30	12	15	100
90	49,9	**WV 90**	3,0	0 - 35	14	17	100
100	61,7	**WV 100**	3,3	0 - 35	14	17	100

1.3. ALBERI DI SCORRIMENTO WRA-WRB

Acciaio Inox X90 Cr Mo V18 - X46 Cr13

1.3. SHAFTS FOR LINEAR MOTION WRA/WRB

X90CrMoV18/X46Cr13 Stainless steel

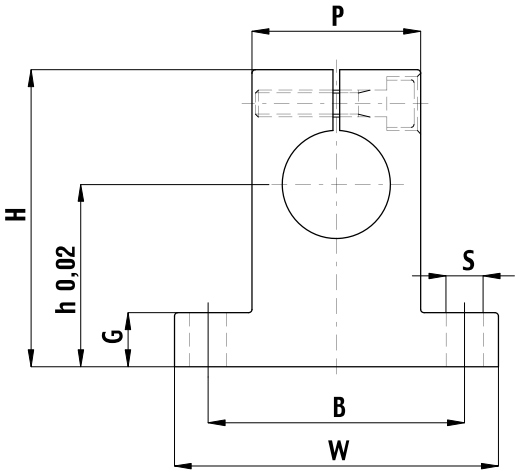


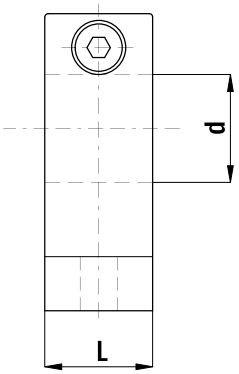
DIAMETRO ALBERO *SHAFT DIAMETER* mm	PESO *WEIGHT* Kg/m	DESCRIZIONE *CODE*	PROFONDITÀ DI TEMPRA MAX *MAX. HARDENING DEPTH* DIN 6773 mm	TOLLERANZA STANDARD *STANDARD TOLERANCE* ISO H6 µm	ROTONDITÀ *ROUNDNESS* T1 µm	PARALLELISMO *PARALLELISM* T2 µm	LINEARITÀ *STRAIGHT-NESS* T3 µm
5	0,15	**WRA-WRB 5**	0,7	0 - 8	4	5	300
6	0,22	**WRA-WRB 6**	0,7	0 - 8	4	6	300
8	0,40	**WRA-WRB 8**	0,8	0 - 9	4	6	300
10	0,62	**WRA-WRB 10**	1,1	0 - 9	4	6	300
12	0,89	**WRA-WRB 12**	1,3	0 - 11	5	8	200
14	1,21	**WRA-WRB 14**	1,5	0 - 11	5	8	200
15	1,39	**WRA-WRB 15**	1,6	0 - 11	5	8	200
16	1,58	**WRA-WRB 16**	1,6	0 - 11	5	8	200
20	2,47	**WRA-WRB 20**	1,8	0 - 13	6	9	100
25	3,85	**WRA-WRB 25**	2,0	0 - 13	6	9	100
30	5,55	**WRA-WRB 30**	2,4	0 - 13	6	9	100
40	9,87	**WRA-WRB 40**	2,6	0 - 16	7	11	100
50	15,41	**WRA-WRB 50**	2,9	0 - 16	7	11	100
60	22,2	**WRA-WRB 60**	3,0	0 - 19	8	13	100

2. SUPPORTI PER ALBERI

2. *SHAFTS SUPPORTS*

SK





TIPOLOGIA TYPE	PESO *WEIGHT* [kg]	d [mm]	h [mm]	W [mm]	B [mm]	P [mm]	S [mm]	G [mm]	H [mm]	L [mm]	VITI DI MONTAGGIO *MOUNTING BOLT*
SK 08	0.024	8	20	42	32	18	5.5	6	32.8	14	M 5
SK 10	0.024	10	20	42	32	18	5.5	6	32.8	14	M 5
SK 12	0.030	12	23	42	32	20	5.5	6	37.5	14	M 5
SK 13	0.030	13	23	42	32	20	5.5	6	37.5	14	M 5
SK 16	0.040	16	27	48	38	25	5.5	8	44	16	M 5
SK 20	0.070	20	31	60	45	30	6.6	10	51	20	M 6
SK 25	0.130	25	35	70	56	38	6.6	12	60	24	M 6
SK 30	0.180	30	42	84	64	44	9	12	70	28	M 8
SK 35	0.270	35	50	98	74	50	11	15	85	32	M 10
SK 40	0.420	40	60	114	90	60	11	15	96	36	M 10
SK 50	0.750	50	70	126	100	74	14	18	120	40	M 12
SK 60	1.100	60	80	148	120	90	14	18	136	45	M 12

Sigla d'ordine: SK – d

Specification number: SK – d

Note