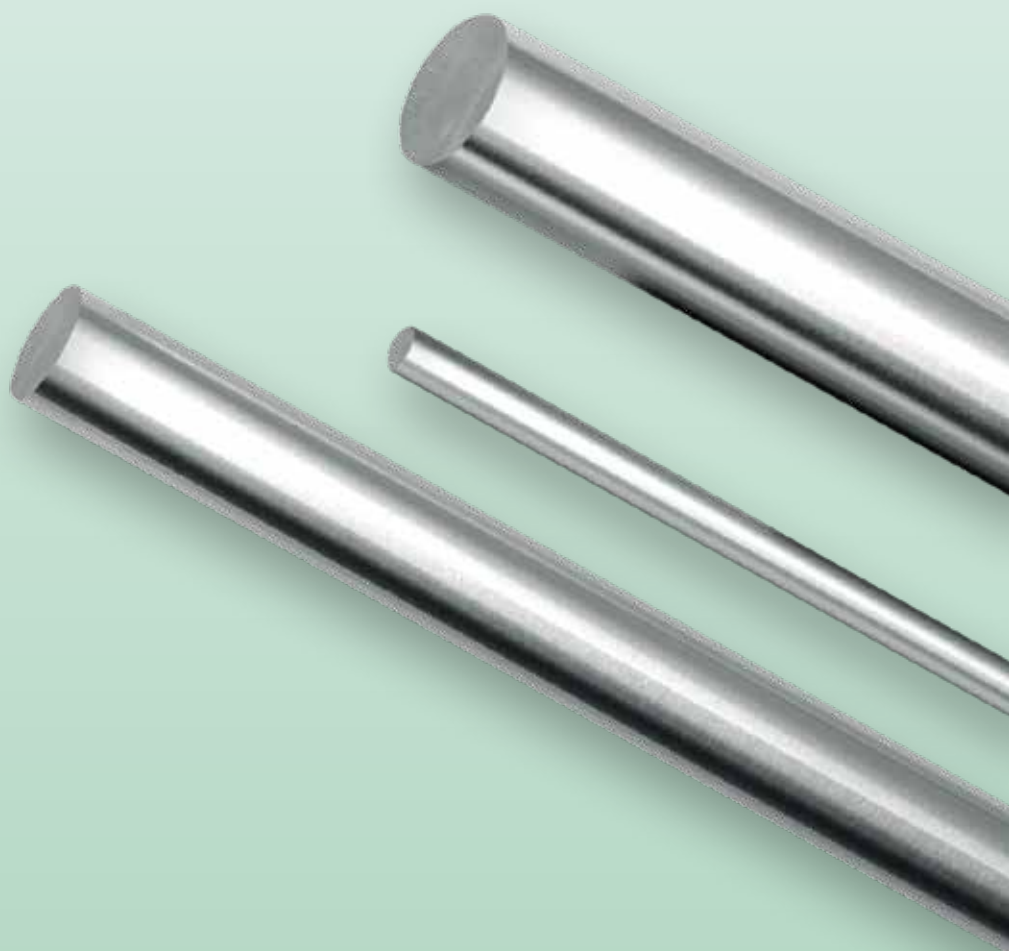




Sistemi lineari in acciaio inossidabile

Stainless steel linear systems





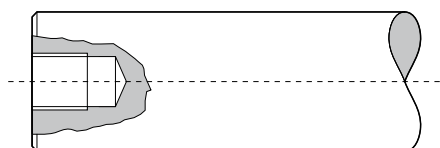
1. Alberi di Precisione

1. Precision SHAFTS

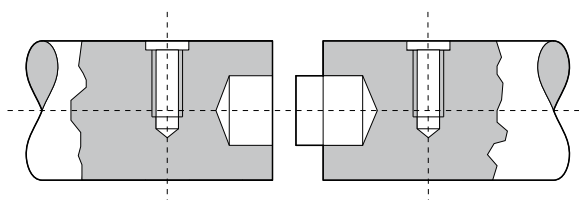
Tipologie • Materiali impiegati • Principali caratteristiche • Lavorazioni

Types • Materials • Main Features • Machinings

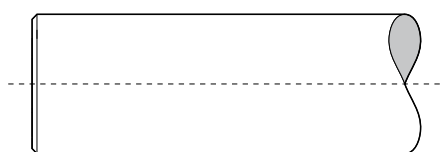
SIGLA CODE	W	WV	WRA	WRB	WH	WZ	BAC
TIPOLOGIA TYPE	TEMPRATO RETTIFICATO HARDENED & GROUND	TEMPRATO CROMATO CHROME PLATED & HARDENED	INOX X90 STAINLESS X90	INOX X46 STAINLESS X46	TUBI TUBE	TUBI IN POLLICI INCH DIMENSION TUBE	CROMATO CHROME PLATED
MATERIALI MATERIALS	Cf53	Cf53	X90 CrMoV18	X46 Cr13	100Cr6	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



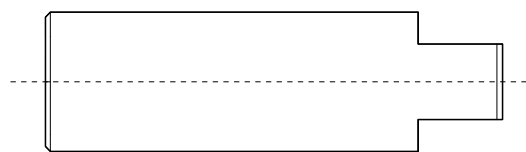
Foratura assiale
Axial Drilling



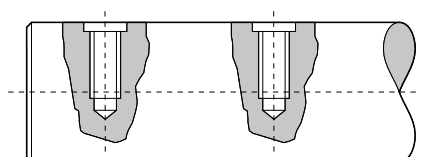
Giunzione di più alberi
Butt Joint



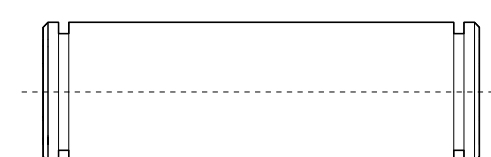
Taglio in lunghezza e sbavatura
Cut to length & chamfer



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



Foratura radiale
Radial drilling



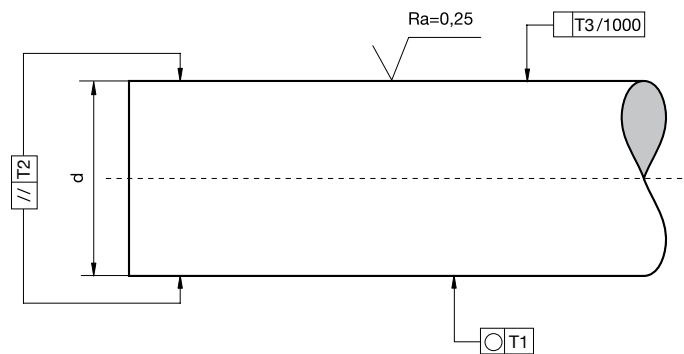
Sedi per anelli d'arresto
Snap ring groove

1.1 Alberi di scorrimento W

1.1 Shafts for linear motion W

Acciaio C 50/Cf 53 · Temprato · Rettificato

C50/Cf53 Steel – Hardened & Ground



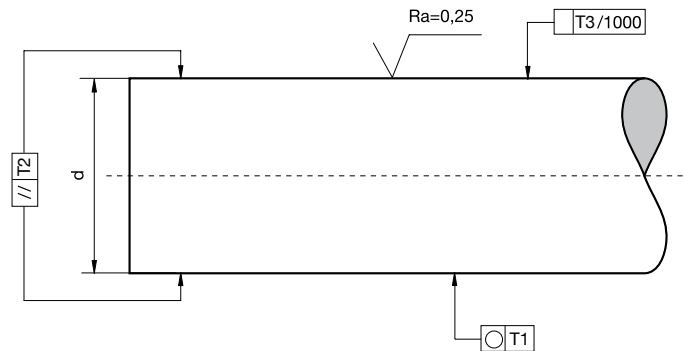
DIAMETRO ALBERO SHAFT DIAMETER mm	PESO WEIGHT Kg/m	DESCRIZIONE CODE	PROFONDITÀ DI TEMpra MAX MAX. HARDENING DEPTH DIN 6773 mm	TOLLERANZA STANDARD STANDARD TOLERANCE ISO H6 µm	ROTONDITÀ ROUNDNESS T1 µm	PARALLELISMO PARALLELISM T2 µm	LINEARITÀ STRAIGHTNESS T3 µm
5	0,15	W 5	0,8	0 - 8	4	6	300
6	0,22	W 6	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



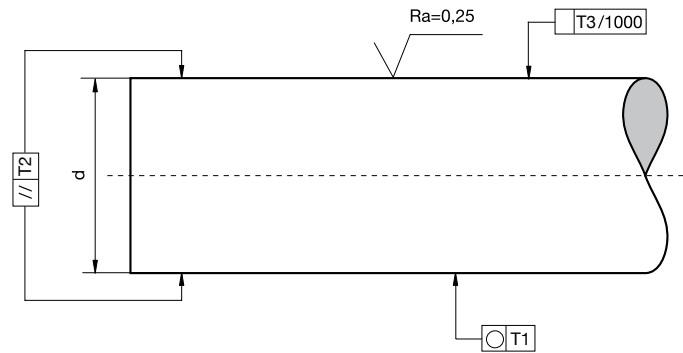
DIAMETRO ALBERO SHAFT DIAMETER mm	PESO WEIGHT Kg/m	DESCRIZIONE CODE	PROFONDITÀ DI TEMpra MAX MAX. HARDENING DEPTH DIN 6773 mm	TOLLERANZA STANDARD STANDARD TOLERANCE ISO H6 µm	ROTONDITÀ ROUNDNESS T1 µm	PARALLELISMO PARALLELISM T2 µm	LINEARITÀ STRAIGHTNESS T3 µm
5	0,16	WV 5	0,8	0 - 12	6	10	300
6	0,23	WV 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

1.3 Shafts for linear motion WRA/WRB

Acciaio Inox X90 Cr Mo V18 - X46 Cr13

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 STRAIGHTNESS 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