HRC Coupling

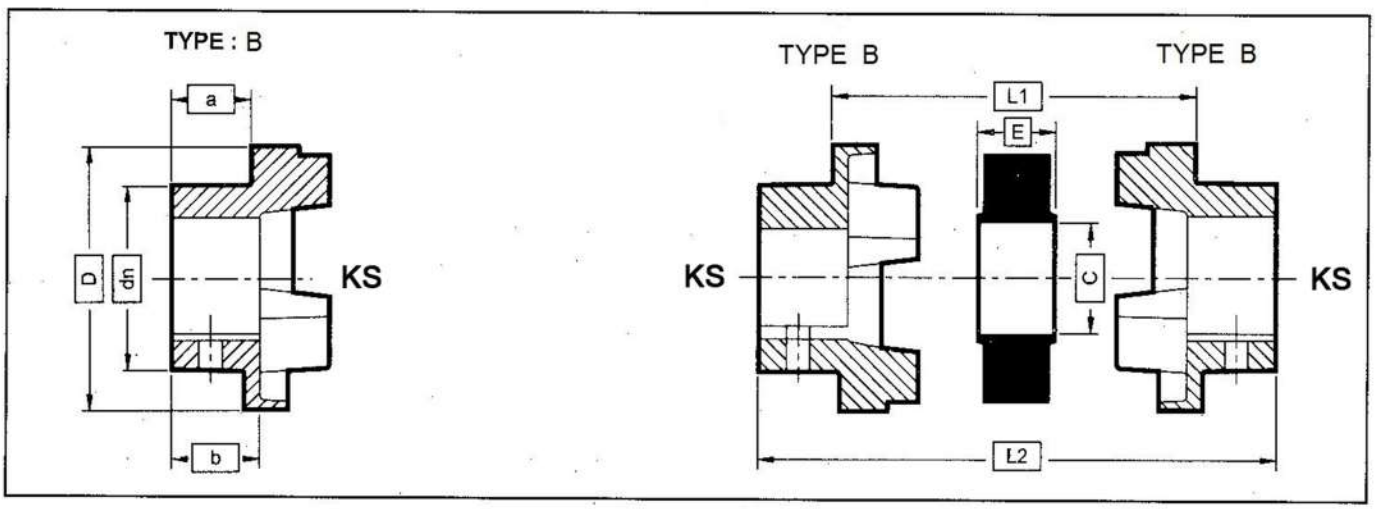
Roflex®

STANDARD TYPE : BB

- APPLICABLE TO MOST OF MACHINERY AND HYDRAULICS
- FINE GRAIN CAST IRON
- NBR FLEXIBLE ELEMENT , OIL RESISTANCE
  PARTIALLY CHEMICAL RESISTANCE
  TEMPERATURE RANGE -40°C TO +100°C
- COMPACT AND LIGHT WEIGHT

(mm.)

SIZE	MAX BORE	TORQUE (NM.)	MAX SPEED (RPM.)	MOMENT OF INERTIA (KgM^2)	WEIGHT (KG.)	D	dn	a	b	c	E	L1	L2
70	32	33	7700	0.00078	1.1	69	60	20	23.5	31	18	25	65
90	42	84	6300	0.00108	1.17	85	70	26	30	32	22.5	30.5	82.5
110	55	168	5000	0.00344	5	112	100	37	45	45	29	45	119
130	60	331	4100	0.00850	5.46	130	105	47	55.5	50	36	53	147
150	70	630	3600	0.02112	7.11	150	115	50	60	62	40	60	160
180	80	998	3000	0.04820	16.6	180	125	58	70	77	49	73	189
230	100	2100	2600	0.14052	26	225	155	77	90	99	59.5	85.5	239.5
280	130	3308	2200	0.54790	50	275	206	90	105.5	119	74.5	105.5	285.5



Permissible misalignment tolerances in mm.								
Size of coupling	70	90	110	130	150	180	230	280
End float	+0.2	+0.5	+0.6	+0.8	+0.9	+1.1	+1.3	+1.7
Axial (Radial)	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5
Angular misalignment	0.5°	0.5°	1.0°	1.0°	1.5°	1.5°	2.0°	2.5°

HRC Coupling

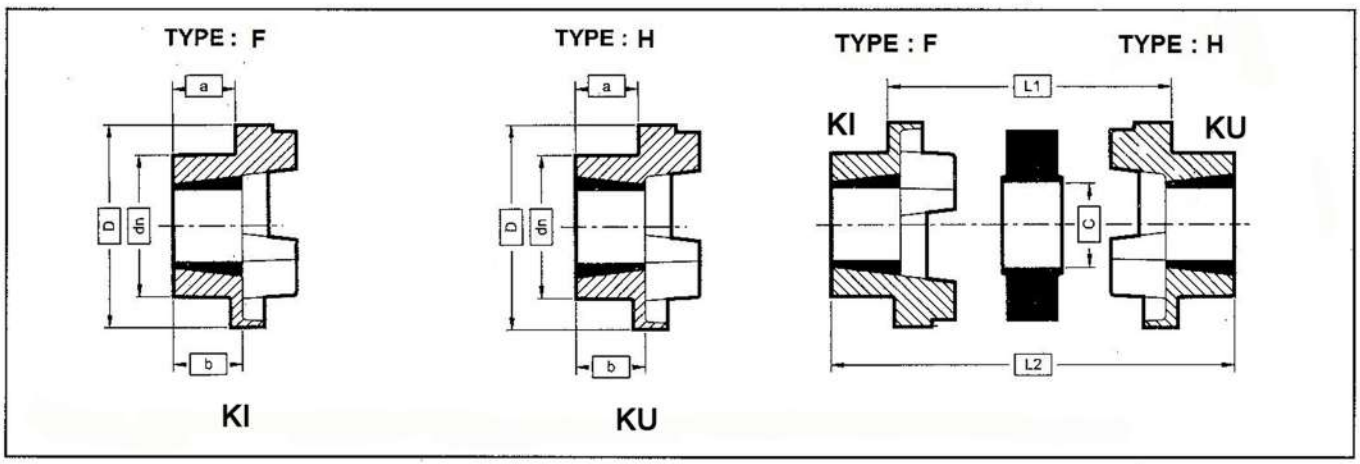
Roflex®

Taper Bush Type : F&H

- TAPER BUSH TYPE, EASY TO INSTALL AND REMOVE
- FINE GRAIN CAST IRON
- NBR FLEXIBLE ELEMENT
  OIL RESISTANCE
  PARTIALLY CHEMICAL RESISTANCE
  TEMPERATURE RANGE -40°C TO +100°C
- COMPACT AND LIGHT WEIGHT

(mm.)

SIZE	BUSH NO.	BORE		TORQUE (NM.)	MAX SPEED (RPM.)	MOMENT OF INERTIA (KgM^2)	WEIGHT (KG.)	D	dn	a	b	c	L1	L2
		MIN	MAX											
70	1008	9	25	33	7700	0.00085	1	69	60	20.6	23.5	31	25	65
90	1108	9	28	84	6300	0.00115	1.17	85	70	19.5	23.5	32	30.5	69.5
110	1610	12	42	168	5000	0.00400	5	112	100	18.5	26.5	45	45	82
130	1610	12	42	331	4100	0.00780	5.46	130	105	18	26.5	50	53	89
150	2012	14	50	630	3600	0.01810	7.11	150	115	23.5	33.5	62	60	107
180	2517	16	65	998	3000	0.04340	16.6	180	125	34.5	46.5	77	73	142
230	3020	25	75	2100	2600	0.12068	26	225	155	39.5	52.5	99	85.5	164.5
280	3525	28	90	3308	2200	0.44653	50	275	206	51	66.5	119	105.5	207.5



Permissible misalignment tolerances in mm.								
Size of coupling	70	90	110	130	150	180	230	280
End float	+0.2	+0.5	+0.6	+0.8	+0.9	+1.1	+1.3	+1.7
Axial (Radial)	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5
Angular misalignment	0.5°	0.5°	1.0°	1.0°	1.5°	1.5°	2.0°	2.5°