

# Ball Bearing Mounting tool FT 33

**Fitting Tool FT 33 helps prevent the early breakdown of bearings**



Incorrect mounting, and especially falsely estimated mounting forces, are responsible for approx. 16% of all premature bearing breakdowns. The ball bearing installation tool FT 33 guarantees the fast, precise and secure installation of bearings with a diameter of 10 to 50 mm. The right combination of impact ring and impact sleeve ensures that the mounting forces never go through the rolling elements of the bearing.

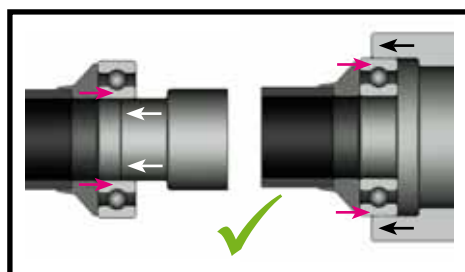
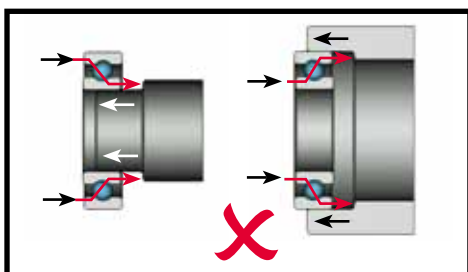
**Case contents:**

- 33 impact rings made of nylon
- 3 aluminum impact sleeves
- 1 blow-back-proof hammer

## Description of Fitting Tool FT 33

- For mounting bearings either on shafts, in housings or both at the same time
- Inner and outer diameters of the impact rings are perfectly compatible with the dimensions of the ball bearings
- Extremely impact-resistant material means high longevity for impact rings and sleeves
- The impact rings lock securely into the impact sleeve, preventing independent detachment
- Also suitable for installing bushings, seals, pulleys, etc.
- Impact rings, impact sleeves and hammer are also available separately

**Application video at [www.simatec.com](http://www.simatec.com)**



**Selection table Fitting Tool FT 33**

Impact sleeve	Impact rings	Roller bearings of the following series							
	d / D	<b>60 63</b> <b>62 64</b>	<b>12 13</b> <b>22 23</b>	<b>72B</b> <b>73B</b>	<b>32</b> <b>32</b>	<b>222 223</b> <b>213</b>	<b>NU-NJ-N</b> <b>2 3 4</b>	<b>302 303</b> <b>322</b>	<b>313</b> <b>323</b>
<b>A</b> FT 33-A	10 / 26 10 / 30 10 / 30 10 / 35	6000 6200 6300	129 1200 2200 1300		3200				
	12 / 28 12 / 32 12 / 32 12 / 37 12 / 37	6001 6201 6301	1201 2201 1301 2301		3201				
	15 / 32 15 / 35 15 / 35 15 / 42 15 / 42	6002 6202 6302	1202 2202 1302 2302	7502 B	3202 3302			30302	
	17 / 35 17 / 40 17 / 40 17 / 47 17 / 47	6003 6203 6303	1203 2203 1303	7203 B 7303 B	3203 3303			30203 30303	
<b>B</b> FT 33-B	20 / 42 20 / 47 20 / 47 20 / 52 20 / 52	6004 6204 6304 6403	1204 2204 1304 2304	7204 B 7304 B	3204 3304	22205/20	204 304	30304	32304
	25 / 47 25 / 52 25 / 52 25 / 62 25 / 62	6005 6205 6305 6404	1205 2205 1305 2305	7205 B 7305 B	3205 3305	22205 21305	205 305	30205 30305	31305 32305
	30 / 55 30 / 62 30 / 62 30 / 72 30 / 72	6006 6206 6306 6405	1206 2206 1306 2306	7206 B 7306 B	3206 3306	22206 21306	206 306 405	30206 32206 30306	31306 32306
<b>C</b> FT 33-C	35 / 62 35 / 72 35 / 72 35 / 80 35 / 80	6007 6207 6307 6406	1207 2207 1307 2307	7207 B 7307 B	3207 3307	22207 21307	207 307 406	30207 32207 30307	31307 32307
	40 / 68 40 / 80 40 / 80 40 / 90 40 / 90	6008 6208 6308 6407	1208 1308 2308	7208 B 7308 B	3208 3308	22208 21308 22308	208 308 407	30208 30308	31308 32308
	45 / 75 45 / 85 45 / 85 45 / 100 45 / 100 45 / 100* 45 / 100*	6009 6209 6309 6408 6013 6211	1209 2209 1309 2309 1211 2211	7209 B 7309 B 7211 B	3209 3309 3211	22209 21309 22309 22211	209 309 408 211	30209 32209 30309	31309 32309
	50 / 80 50 / 90 50 / 90 50 / 90* 50 / 90* 50 / 110 50 / 110 50 / 110* 50 / 110* 50 / 110* 50 / 110* 50 / 110* 50 / 110* 50 / 110* 50 / 110*	6010 6210 6011 6012 6310 6409 6014 6015 6212 6213 6311 6410	1210 2210 1310 2310 1212 1213 2212 2213 1311 2311	7210 B 7310 B 7212 B 7213 B 7311 B	3210 3310 3212 3213 3311	22210 21310 22310 22212 22213 21311 22311	210 310 409 212 213 311 410	30210 32210 30310	31310 32310

\*outer ring fitting only