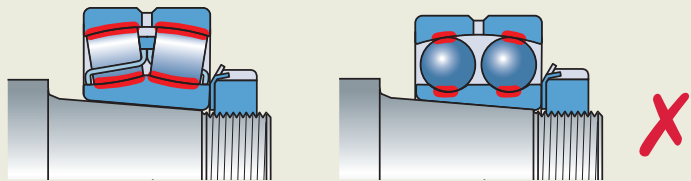


Interference fits on tapered shafts

Bearings mounted on tapered seatings achieve their interference fit by being driven up the tapered shaft. Care should be taken to ensure the bearing is not driven up too far, as all the internal clearance may be removed and damage to the bearing is possible.

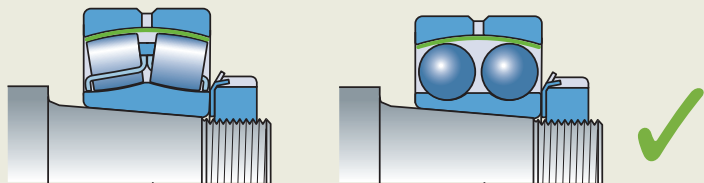
Incorrect mounting

Bearing driven up too far and all clearance removed; damage possible.



Correct mounting

Bearing driven up the correct distance and the right clearance is achieved.



The comprehensive range of SKF spanner and sockets are used to tighten and loosen many types and sizes of bearing lock nuts, for bearings mounted directly on a shaft or on sleeves.



Exact spanner radius reduces the risk of nut damage

SKF Hook Spanners HN series

- Minimises the risk of shaft and nut damage
- Plastic handle is oil, grease and dirt resistant to provide a better grip
- The plastic handle minimises direct metal to skin contact, reducing the risk of corrosion in the handle area
- Spanner designation is laser-engraved allowing for easy identification and selection
- Available as a set: SKF HN 4-16/SET containing 9 spanners for lock nut sizes 4 up to 16

Contents SKF HN 4-16/SET

HN 4	HN 8-9	HN 14
HN 5-6	HN 10-11	HN 15
HN 7	HN 12-13	HN 16

Selection chart – HN series

Designation	Suitable for the following series of SKF lock nuts						DIN 1804 (M)
	KM	N	AN	KMK	KMFE	KMT	
HN 0	0	0		0			M6×0,75, M8×1
HN 1	1	1		1			
HN 2-3	2, 3	2, 3		2, 3		0	M10×1, M12×1,5
HN 4	4	4		4	4	1, 2	M14×1,5, M16×1,5
HN 5-6	5, 6	5, 6		5, 6	5, 6	3, 4, 5	M22×1,5, M24×1,5, M26×1,5
HN 7	7	7		7	7	6, 7	M28×1,5, M30×1,5, M32×1,5, M35×1,5
HN 8-9	8, 9	8, 9		8, 9	8, 9	8	M38×1,5, M40×1,5, M42×1,5
HN 10-11	10, 11	10, 11		10, 11	10, 11	9, 10	M45×1,5, M48×1,5, M50×1,5
HN 12-13	12, 13	12, 13		12, 13	12, 13	11, 12	M52×1,5, M55×1,5, M58×1,5, M60×1,5
HN 14	14	14		14	14		
HN 15	15		15	15	15	13, 14	M62×1,5, M65×1,5, M68×1,5, M70×1,5
HN 16	16		16	16	16	15	
HN 17	17		17	17	17	16	M72×1,5, M75×1,5, M80×2
HN 18-20	18, 19, 20		18, 19, 20	18, 19, 20	18, 19, 20	17, 18, 19	M85×2, M90×2
HN 21-22	21, 22	22	21, 22		21, 22	20, 22	M95×2, M100×2

Technical data – HN series

Designation	Spanner design DIN 1810	Outer diameter lock nut		Designation	Spanner design DIN 1810	Outer diameter lock nut	
	mm	mm	in.		mm	mm	in.
HN 0		16–20	0.6–0.8	HN 12-13	Ø80–Ø90	80–90	3.1–3.5
HN 1	Ø20–Ø22	20–22	0.8–0.9	HN 14		92	3.6
HN 2-3	Ø25–Ø28	25–28	1.0–1.1	HN 15	Ø95–Ø100	95–100	3.7–3.9
HN 4	Ø30–Ø32	30–32	1.2–1.3	HN 16		105	4.1
HN 5-6		38–45	1.5–1.8	HN 17	Ø110–Ø115	110–115	4.3–4.5
HN 7	Ø52–Ø55	52–55	2.0–2.2	HN 18-20	Ø120–Ø130	120–130	4.7–5.1
HN 8-9		58–65	2.3–2.6	HN 21-22	Ø135–Ø145	135–145	5.3–5.7
HN 10-11	Ø68–Ø75	68–75	2.7–3.0				



Four sizes for tightening or loosening up to 24 nut sizes

SKF Adjustable Hook Spanners HNA series

- One hook spanner covers several nut sizes, making it suitable for use with many applications
- Economic solution: 4 hook spanners cover a wide range of nut sizes
- Laser engraved designation, which represents the range of nut sizes covered by each spanner, allows easy selection of the correct spanner
- Versatile: suitable for a wide selection of lock nuts
- Minimises the risk of shaft and nut damage

Selection chart and technical data – HNA series

Designation	Outer diameter lock nut		Suitable for the following series of SKF lock nuts						
	mm	in.	KM	KML	N	AN	KMK	KMFE	KMT
HNA 1-4	20–35	0.8–1.4	1–4		1–4		0–4	4	0–2
HNA 5-8	35–60	1.4–2.4	5–8		4–8		5–8	5–8	3–7
HNA 9-13	60–90	2.4–3.5	9–13		9–13		9–13	9–13	8–12
HNA 14-24	90–150	3.5–6.1	14–24	24–26		15–24	14–20	14–24	13–24