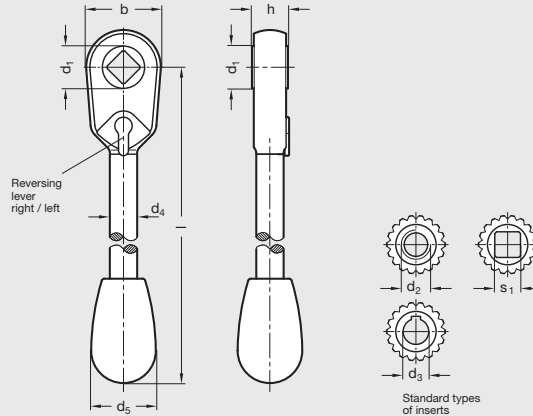


GN 316 | Interchangeable Insert Ratchet Wrenches

With Reversing Lever • Metric Size • Steel



NEW



Adjustable Levers

1

ISO 9001 Supplier

RoHS Compliant

Housing

Steel, housing coated with black matte plastic, textured finish

Wrench arm

Steel, plain finish

Knob

Black phenolic plastic (PF)

Insert

Steel, hardened (blank type unhardened)
Square bore DIN 79 tol.

Used for assembly and repair work.

Also practical for fixed applications on any machinery and equipment.

Well designed, heavy duty construction and simple to use.

Other handle lengths available upon request.

Hexagon inserts available upon request in certain minimum quantities.

Inserts are easily interchangeable, just remove

screw on housing head, replace insert, and screw back together. Inserts can be supplied individually, call for price and delivery.

For certain minimum quantities, modified inserts with inch size threads, round bores with keyway, and square holes available upon request.

Tapped Insert Type

Dimensions in: millimeters (inches)

Part Number	d ₂ Tapped	d ₁ Insert Dia.	b	d ₄	d ₅	h	l	Max. Torque [Nm]
8NGPA	M8 x 1.25	12 (.47)	22 (.87)	9 (.35)	20 (.79)	11 (.43)	118 (4.65)	40
10NGPB	M10 x 1.5	17 (.67)	30 (1.18)	11 (.43)	26 (.75)	14 (.55)	156 (6.14)	100
16NGPC	M16 x 2.0	22 (.87)	39.5 (1.56)	14 (.55)	33 (1.30)	17 (.67)	187 (7.36)	130
20NGPD	M20 x 2.5	26 (1.02)	46 (1.81)	17 (.67)	33 (1.30)	22 (.87)	219 (8.62)	180

Round Bore with Keyway Type

Dimensions in: millimeters (inches)

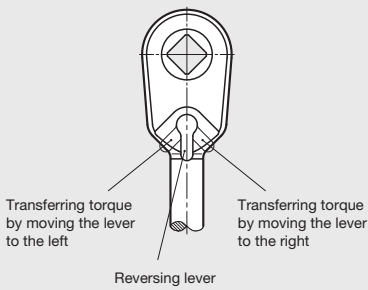
Part Number	d ₃ (h ₇ tol) Bore with Keyway	d ₁ Insert Dia.	b	d ₄	d ₅	h	l	Max. Torque [Nm]
10KGPB	10 (.39)	17 (.67)	30 (1.18)	11 (.43)	26 (.75)	14 (.55)	156 (6.14)	100
16KGPC	14 (.55)	22 (.87)	39.5 (1.56)	14 (.55)	33 (1.30)	17 (.67)	187 (7.36)	130
20KGPD	17 (.67)	26 (1.02)	46 (1.81)	17 (.67)	33 (1.30)	22 (.87)	219 (8.62)	180

Square Bore Type

Dimensions in: millimeters (*inches*)

Part Number	s ₁ Square	d ₁ Insert Dia.	b	d ₄	d ₅	h	l	Max. Torque [Nm]
8QGPA	8 (.31)	12 (.47)	22 (.87)	9 (.35)	20 (.79)	11 (.43)	118 (4.65)	40
10QGPB	10 (.39)	17 (.67)	30 (1.18)	11 (.43)	26 (.75)	14 (.55)	156 (6.14)	100
14QGPC	14 (.55)	22 (.87)	39.5 (1.56)	14 (.55)	33 (1.30)	17 (.67)	187 (7.36)	130
17QGPD	17 (.67)	26 (1.02)	46 (1.81)	17 (.67)	33 (1.30)	22 (.87)	219 (8.62)	180

Ratchet Wrench Operating Example



In order to reverse the operation of this wrench move the cam lever from its middle position either to the left or to the right to obtain the function required. In the middle position the ratchet function is eliminated and the spanner can be used in both directions as an ordinary wrench.

To exchange the inserts remove screw and cover.

