High-performance drill bit with indexable inserts Top Cut 4 drilling depth 2xD

for universal application up to 1300 N/mm², in diameter range of 12.00 mm to 55.00 mm

Application:

High-performance drilling in the diameter range of 12.00 mm–55.00 mm and at drilling depths of 2xD for the steel, stainless steel, aluminium and cast iron material groups. With medium requirements for surface quality and tolerance

Execution:

 Four easily selectable cutting material types and four chip shape geometries for machining steel, stainless steel, aluminium, cast iron as well as superalloys and titanium

Advantage:

- Four true cutting edges per indexable insert for the entire range
- trouble-free application for cross-drilled holes, inclined inlet and outlet holes, chain holes, convex entry surfaces and drilling in half cylinder
- Internal and external indexable inserts are designed to prevent mix-up
- The X-offset design is used to adjust the hole diameter on lathes and to optimize the tolerances on machining centres

BrandNUDIABrandWIDIAManufacturer Part Number5537167Suitable for min. cutting diameter24 mmSuitable for max. cutting diameter25 mmShank diameter25 mmLength132.9 mmCantilever length76.9 mmMax. drilling depth (D)2xDDrill tip length0.87 mmSuitable for indexable inserts typeDProjecting length76.9 mmSuitable for cutting diameter25 mmCoolant supplyInternalShaft length56 mmCutting directionRight-hand cuttingFool holding deviceParallel shank with chuck surface ISO 9766Bore typeNormal bore, Stud hole bore, Bore from the center, Entry 45 ° edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore, Slanted exit, Slanted entry, T-BoreGross Weight0.396 kg		
Manufacturer Part Number 5537167 Suitable for min. cutting diameter 24 mm Suitable for max. cutting diameter 25 mm Shank diameter 25 mm Length 132.9 mm Cantilever length 76.9 mm Max. drilling depth (D) 2xD Drill tip length 0.87 mm Suitable for indexable inserts type D Projecting length 76.9 mm Suitable for cutting diameter 25 mm Coolant supply Internal Shaft length 56 mm Couting direction Right-hand cutting Fool holding device Parallel shank with chuck surface ISO 9766 Bore type Normal bore, Stud hole bore, Bore from the center, Entry 45 ° edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore, Slanted exit, Slanted entry, T-Bore Gross Weight 0.396 kg	Art. no.	11214 240
Suitable for min. cutting diameter 24 mm Suitable for max. cutting diameter 25 mm Shank diameter 25 mm Length 132.9 mm Cantilever length 76.9 mm Max. drilling depth (D) 2xD Drill tip length 0.87 mm Suitable for indexable inserts type D Projecting length 76.9 mm Suitable for cutting diameter 25 mm Coolant supply Internal Shaft length 56 mm Cutting direction Right-hand cutting Fool holding device Parallel shank with chuck surface ISO 9766 Bore type Normal bore, Stud hole bore, Bore from the center, Entry 45 ° edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore, Slanted exit, Slanted entry, T-Bore Gross Weight 0.396 kg	Brand	WIDIA
Suitable for max. cutting diameter 25 mm Shank diameter 25 mm Length 132.9 mm Cantilever length 76.9 mm Max. drilling depth (D) 2xD Drill tip length 0.87 mm Suitable for indexable inserts type D Projecting length 76.9 mm Suitable for cutting diameter 25 mm Coolant supply Internal Shaft length 56 mm Cutting direction Right-hand cutting Fool holding device Parallel shank with chuck surface ISO 9766 Bore type Normal bore, Stud hole bore, Bore from the center, Entry 45 ° edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore, Slanted exit, Slanted entry, T-Bore Gross Weight 0.396 kg	Manufacturer Part Number	5537167
Shank diameter 25 mm Length 132.9 mm Cantilever length 76.9 mm Max. drilling depth (D) 2xD Drill tip length 0.87 mm Suitable for indexable inserts type D Projecting length 76.9 mm Suitable for cutting diameter 25 mm Coolant supply Internal Shaft length 56 mm Cutting direction Right-hand cutting Fool holding device Parallel shank with chuck surface ISO 9766 Bore type Normal bore, Stud hole bore, Bore from the center, Entry 45 ° edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore, Slanted exit, Slanted entry, T-Bore Gross Weight 0.396 kg	Suitable for min. cutting diameter	24 mm
Length 132.9 mm Cantilever length 76.9 mm Max. drilling depth (D) 2xD Drill tip length 0.87 mm Suitable for indexable inserts type D Projecting length 76.9 mm Suitable for cutting diameter 25 mm Coolant supply Internal Shaft length 56 mm Cutting direction Right-hand cutting Fool holding device Parallel shank with chuck surface ISO 9766 Bore type Normal bore, Stud hole bore, Bore from the center, Entry 45 ° edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore, Slanted exit, Slanted entry, T-Bore Gross Weight 0.396 kg	Suitable for max. cutting diameter	25 mm
Cantilever length 76.9 mm Max. drilling depth (D) 2xD Drill tip length 0.87 mm Suitable for indexable inserts type D Projecting length 76.9 mm Suitable for cutting diameter 25 mm Coolant supply Internal Shaft length 56 mm Cutting direction Right-hand cutting Fool holding device Parallel shank with chuck surface ISO 9766 Bore type Normal bore, Stud hole bore, Bore from the center, Entry 45 ° edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore, Slanted exit, Slanted entry, T-Bore Gross Weight 0.396 kg	Shank diameter	25 mm
Max. drilling depth (D) 2xD Drill tip length 0.87 mm Suitable for indexable inserts type D Projecting length 76.9 mm Suitable for cutting diameter 25 mm Coolant supply Internal Shaft length 56 mm Cutting direction Right-hand cutting Tool holding device Parallel shank with chuck surface ISO 9766 Bore type Normal bore, Stud hole bore, Bore from the center, Entry 45 ° edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore, Slanted exit, Slanted entry, T-Bore Gross Weight 0.396 kg	Length	132.9 mm
Orifl tip length 0.87 mm Suitable for indexable inserts type D Projecting length 76.9 mm Suitable for cutting diameter 25 mm Coolant supply Internal Shaft length 56 mm Cutting direction Right-hand cutting Tool holding device Parallel shank with chuck surface ISO 9766 Bore type Normal bore, Stud hole bore, Bore from the center, Entry 45 ° edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore, Slanted exit, Slanted entry, T-Bore Gross Weight 0.396 kg	Cantilever length	76.9 mm
Suitable for indexable inserts type D Projecting length 76.9 mm Suitable for cutting diameter 25 mm Coolant supply Internal Shaft length 56 mm Cutting direction Right-hand cutting Tool holding device Parallel shank with chuck surface ISO 9766 Bore type Normal bore, Stud hole bore, Bore from the center, Entry 45 ° edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore, Slanted exit, Slanted entry, T-Bore Gross Weight 0.396 kg	Max. drilling depth (D)	2xD
Projecting length 76.9 mm Suitable for cutting diameter 25 mm Coolant supply Internal Shaft length 56 mm Cutting direction Right-hand cutting Tool holding device Parallel shank with chuck surface ISO 9766 Bore type Normal bore, Stud hole bore, Bore from the center, Entry 45 ° edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore, Slanted exit, Slanted entry, T-Bore Gross Weight 0.396 kg	Drill tip length	0.87 mm
Suitable for cutting diameter 25 mm Coolant supply Internal Shaft length 56 mm Cutting direction Right-hand cutting Tool holding device Parallel shank with chuck surface ISO 9766 Bore type Normal bore, Stud hole bore, Bore from the center, Entry 45 ° edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore, Slanted exit, Slanted entry, T-Bore Gross Weight 0.396 kg	Suitable for indexable inserts type	D
Coolant supply Internal Shaft length 56 mm Cutting direction Right-hand cutting Fool holding device Parallel shank with chuck surface ISO 9766 Bore type Normal bore, Stud hole bore, Bore from the center, Entry 45 ° edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore, Slanted exit, Slanted entry, T-Bore Gross Weight 0.396 kg	Projecting length	76.9 mm
Shaft length 56 mm Cutting direction Right-hand cutting Fool holding device Parallel shank with chuck surface ISO 9766 Bore type Normal bore, Stud hole bore, Bore from the center, Entry 45 ° edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore, Slanted exit, Slanted entry, T-Bore Gross Weight 0.396 kg	Suitable for cutting diameter	25 mm
Cutting direction Right-hand cutting Fool holding device Parallel shank with chuck surface ISO 9766 Bore type Normal bore, Stud hole bore, Bore from the center, Entry 45 ° edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore, Slanted exit, Slanted entry, T-Bore Gross Weight 0.396 kg	Coolant supply	Internal
Tool holding device Parallel shank with chuck surface ISO 9766 Bore type Normal bore, Stud hole bore, Bore from the center, Entry 45 ° edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore, Slanted exit, Slanted entry, T-Bore Gross Weight 0.396 kg	Shaft length	56 mm
Bore type Normal bore, Stud hole bore, Bore from the center, Entry 45 ° edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore, Slanted exit, Slanted entry, T-Bore Gross Weight 0.396 kg	Cutting direction	Right-hand cutting
edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore, Slanted exit, Slanted entry, T-Bore Gross Weight 0.396 kg	Tool holding device	Parallel shank with chuck surface ISO 9766
Slanted exit, Slanted entry, T-Bore Gross Weight 0.396 kg	Bore type	Normal bore, Stud hole bore, Bore from the center, Entry 45 $^\circ$
Gross Weight 0.396 kg		edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore,
		Slanted exit, Slanted entry, T-Bore
Product Group 1XB	Gross Weight	0.396 kg
in the second se	Product Group	1XB

EAN

4050839881383





