

HARLINGEN®





Established in the early 1980s in Lodi, Italy, HARLINGEN has evolved into a global powerhouse in the engineering sector, specialising in CNC tooling for the aerospace, automotive and manufacturing industries. Our journey began with the ambitious goal of supplying top-tier metal cutting and tool-holding components to major European automotive and aircraft industries. Today, HARLINGEN has expanded their range and with strategic fulfillment centres in California and Shanghai, proudly catering to thousands of clients operating in over 40 countries worldwide.



Our commitment to excellence spans every facet of our operation, from forging steel blanks to finished precision machine tooling in our expansive 35,000m² facility. HARLINGEN's stringent in-house control processes, coupled with state-of-the-art manufacturing equipment from Mazak, Haas, Studer, Hardinge, Haimer, Zoller and Zeiss, delivers high production efficiency and ensures each product meets the highest standards for quality.

Reliability and innovation are at the cornerstone of HARLINGEN's commitment to quality assurance. Utilising world-class inspection devices from Haimer, Zoller, Kelch and others, our ISO9001 certified quality control systems ensures that each product not only meets, but exceeds customer expectations.

At HARLINGEN, we recognise the ever-evolving landscape of our industry and the continuous demands of our customers. Your suggestions and comments are invaluable to us, serving as the driving force propelling us forward. Our team of over 60 dedicated technicians in our R&D department are committed to continuous innovation, providing customised products and turnkey solutions. Whether you're turning a rod or engaging in profile milling, HARLINGEN eagerly anticipates the opportunity to collaborate with your organisation, ushering in a new chapter of innovation and success.

Milling & Lathe Tooling

- Lathe Tool Sets
- Lathe Inserts
- Indexable End Mills
- Boring Bar Sets
- Parting Blocks and Blades



Work Piece Mounting

- Multi-Axis Vises
- Modular Vises
- Metric & Imperial Clamp Kits



Drill Press & Welding Vises

- Drill Press Vises
- Welders Vises



Drilling

- Countersinks
- Drill Bits



Thread Tapping & Repair

- Thread Repair
- Tap & Drill Sets



Milling & Lathe Tooling

Nickel Plated 7 Piece Indexable Lathe Tool Sets

12 x 80 mm shank PN: H-11-126-T20

16 x 100 mm shank PN: H-11-126-T25

20 x 125 mm shank PN: H-11-126-T30

- Corrosion resistant Nickel Plating

Each set includes tool holders, inserts, torx and hex wrenches.



Grooving Tool Holder



Right Handed
WCMT Tool Holder



Threading Insert



Right Handed
DCMT Tool Holder



Neutral
DCMT Tool Holder



Right Handed
CCMT Tool Holder



Left Handed
CCMT Tool Holder



PN: H-11-126-T20



PN: H-11-126-T25

Nickel Plated Threading Tool Holder Set

16 mm shank PN: H-11-300-A30

20 mm shank PN: H-11-300-A40

25 mm shank PN: H-11-300-A45

- Set includes tool holders and four ti-nite coated tungsten carbide inserts for right-handed internal and external thread cutting
- Suited to cast iron, general purpose steel and stainless steel

Included inserts:

60° Right Handed External
Threading Insert
Thread Range: 0.5 - 1.5 mm
ISO Designation: 16ERA60

60° Right Handed Internal
Threading Insert
Thread Range: 0.5 - 1.5 mm
ISO Designation: 16IRA60

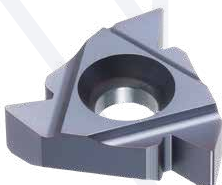
60° Right Handed External
Threading Insert
Thread Range: 1.75 - 3.0 mm
ISO Designation: 16ERG60

60° Right Handed Internal
Threading Insert
Thread Range: 1.75 - 3.0 mm
ISO Designation: 16IRG60



TiAlN Coated Carbide Threading Inserts

- Made of micro-grain carbide with TiAlN coating
- Suited to cast iron, general purpose steel and stainless steel



Cutting Direction	Thread Profile	Thread Range	Insert Size	PN
Right Handed	60° External	0.5 - 3.0 mm	IC 9.525 mm	16ERAG60
Right Handed	60° Internal	0.5 - 3.0 mm	IC 9.525 mm	16IRAG60
Right Handed	55° External	48 - 8 TPI	IC 9.525 mm	16ERAG55
Right Handed	55° External	48 - 8 TPI	IC 9.525 mm	16IRAG55

Mill & Lathe Tooling

Cut-Off & Grooving Lathe Tool Sets

Kit includes the following ranges of, Tool Block, blades and 10 inserts

Parting Block	Parting Blades	Parting Inserts	PN
12 mm	19 x 2 mm, 19 x 3 mm	GTN-2, GTN-3	H-11-262-T15
16 mm	26 x 2 mm, 26 x 3 mm	GTN-2, GTN-3	H-11-262-T20
20 mm	26 x 2 mm, 26 x 3 mm	GTN-2, GTN-3	H-11-262-T30



Self-Locking Nickel Plated Cut-Off Tool Blocks

- Nickel Plated



Length	Blade Width	Blade Height	Shank	PN
56 mm	2-3 mm	19 mm	12 mm	SLTBN12-02
75 mm	2-3 mm	26 mm	16 mm	SLTBN16-05
75 mm	2-3 mm	26 mm	20 mm	SLTBN20-05
75 mm	2-5 mm	32 mm	25 mm	SLTBN25-06

Nickel Plated Cut Off Blades

- Nickel Plated



Height	Thickness	PN
19 mm	2 mm	NCIH19-2
19 mm	3 mm	NCIH19-3
26 mm	2 mm	NCIH26-2
26 mm	3 mm	NCIH26-3
32 mm	3 mm	NCIH32-3
32 mm	4 mm	NCIH32-4
32 mm	5 mm	NCIH32-5

Carbide DCMT Insert

DCMT11T304

- Suited to semi-finishing of general purpose steel

Shape: 55° Rhomboid
Clearance Angle: 7°
Point Radius: 0.4
Cutting Width: 11 mm
Thickness: 3.97 mm



Carbide WCMT Insert

WCMT06T304

- Suited to semi-finishing of general purpose steel

Shape: 80° Trigon
Clearance Angle: 7°
Point Radius: 0.4
Cutting Width: 6 mm
Thickness: 3.97 mm



Carbide APKT Insert

APKT1003PDTR

- Suited to semi-finishing of general purpose steel

Shape: 85° Parallelogram
Clearance Angle: 11°
Point Radius:
Cutting Width: 10 mm
Thickness: 3.18 mm



Semi-Finishing CCMT Inserts

- Suited to semi-finishing of general purpose steel.



Shape	Clearance Angle	Point Radius	Cutting Width	Thickness	PN
80° Rhomboid	7°	0.4	6 mm	2.36 mm	CCMT060204
80° Rhomboid	7°	0.4	9 mm	3.97 mm	CCMT09T304
80° Rhomboid	7°	0.8	12 mm	4.76 mm	CCMT120408

Ti-nite Coated Carbide Parting & Grooving Inserts

- Made of micro-grain carbide with Ti-nite coating

Cutting Width	PN
2 mm	GTN-2
3 mm	GTN-3
4 mm	GTN-4
5 mm	GTN-5



TiAlN Coated Micro-Grain Carbide Parting & Grooving Inserts

2 mm PN: MGMN200

3 mm PN: MGMN300

4 mm PN: MGMN400

- Made of micro-grain carbide with TiAlN coating
- Suited to general purpose steel and stainless steel



Milling Vises

Precision Angle Lock Milling Machine Vises with Swivel Base

- Thrust ball bearing spindle for higher clamping forces
- Angle-lock designed to prevent jaw lift
- Vise body made of high grade cast iron
- Hardened and ground guide surfaces
- Replaceable hardened and ground clamping jaws
- Shielded spindle



Jaw Face	Jaw Opening	Weight	PN
160 x 45 mm	160 mm	39 Kg	H-40-085-006
200 x 50 mm	235 mm	60 Kg	H-40-085-010

150 mm / 6" Tilting Machine Vise

PN: H-40-083-003

- This machine vise features great rigidity & clamping force and has engraved quadrants on the tilt and swivel axes.

Jaw Face: 160 x 50 mm

Jaw opening: 125 mm

Weight: 39 Kg



Precision Angle Lock Milling Machine Vises

PN: H-40-085-007H

- Thrust ball bearing spindle for higher clamping forces
- Angle-lock designed to prevent jaw lift
- Vise body made of high grade cast iron
- Hardened and ground guide surfaces
- Replaceable hardened and ground clamping jaws
- Shielded spindle

Jaw Face: 152 x 45 mm

Jaw opening: 130 mm

Weight: 33 Kg



150 mm High Precision Modular Vise

PN: H-41-089-003

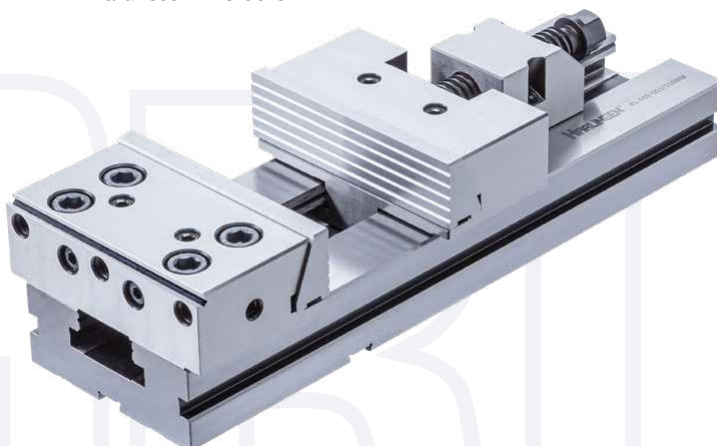
- High precision accuracy to 0.01 mm
- Angle-lock designed to prevent jaw lift
- Made of high grade steel alloy
- Height matched

Jaw Face: 150 x 50 mm

Jaw Opening: 200 mm

Overall Length: 420 mm

Hardness: HRC 58-62



Clamping Kits

- 58 piece assortment of the most common clamping elements to quickly mount workpieces or devices to T-slot tables
- Made of durable and sturdy high quality quenched and tempered steel for a lifetime of reliable service
- Slotted holes enable mounting to wall or machine for easy access
- Scratch and corrosion resistant black oxide finish

Kit includes 24 stud bolts (4 each in length), 75, 100, 125, 150, 175, 200 mm, 4 extension nuts, 6 stepped finger clamps (3 pairs), 6 T-slot nuts, 6 flange nuts, 3 pairs of stepped blocks

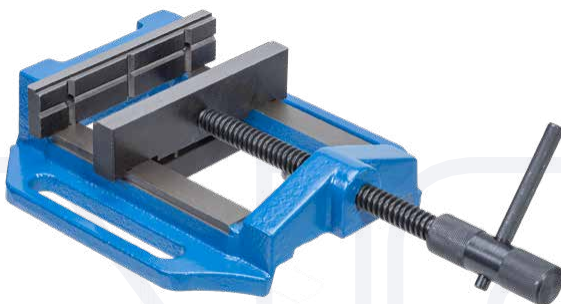
T-Slot	Stud	PN
12 mm	M10	H-41-061-001
7/16"	3/8"	H-42-061-001
14 mm	M12	H-41-061-002
15.7 mm	M12	H-41-061-002-1
16 mm	M14	H-41-061-003
18 mm	M16	H-41-061-004
20 mm	M18	H-41-061-005



Drill Press & Bench Vises

Drill Press Vises

- Replaceable precision hardened & ground prisma jaws
- Rolled trapezoidal spindle thread
- High quality cast iron body



Jaw Face	Jaw Opening	Weight	PN
100 x 27 mm	75 mm	3.5 Kg	H-41-074-002
150 x 34 mm	125 mm	7.0 Kg	H-41-074-004
200 x 40 mm	175 mm	10.0 Kg	H-41-074-005

Welders Vises

- High quality cast iron body
- Copper plated spindle for spatter protection
- Quick-Release spindle



Jaw Face	Miter Capacity	PN
105 x 35 mm	85 mm	H-40-076-008
135 x 61.5 mm	120 mm	H-40-076-009

Drill Tooling

1-13 mm HSS Drill Set

PN: H-512-11-1S1

- 135° split point

25 piece set includes drill bits from 1 to 13 mm in 0.5 mm increments
Material: HSS



HSS Plug Tap And Twist Drill Set

PN: H-542-36-S01

15 piece set includes Tapping Wrench and the following drills and taps:
M3 x 0.50 mm Tap with 2.50 mm Tap Drill
M4 x 0.70 mm Tap with 3.30 mm Tap Drill
M5 x 0.80 mm Tap with 4.20 mm Tap Drill
M6 x 1.00 mm Tap with 5.00 mm Tap Drill
M8 x 1.25 mm Tap with 6.80 mm Tap Drill
M10 x 1.50 mm Tap with 8.50 mm Tap Drill
M12 x 1.75 mm Tap with 10.20 mm Tap Drill



1-13 mm Cobalt/HSS Drill Set

PN: H-512-11-4S1

- HSS, Cobalt 5% (M35)
- 135° split point

25 piece set includes drill bits from 1 to 13 mm in 0.5 mm increments.
Material: HSS, Cobalt 5% (M35)



170 Piece Cobalt/HSS Twist Drill Set

PN: H-11-275-003

- HSS, Cobalt 5% (M35)
- 135° split point

170 piece set includes ten sets of:
1.0 to 8.0 mm drill bits in 0.5 mm increments
Five sets of 8.5-10.0 mm drill bits in 0.5 mm increments.



Master Thread Repair Kits

- The most reliable and effective tool for thread repair.
- Quickly and permanently restore stripped, worn or damaged threads to their original size, condition and strength.
- Increase the strength and durability of threads in soft materials..



M5 to M12 Master Thread Repair Kit

PN: H-11-303-A01

Set includes:
M5 x 0.8, M6 x 1.0, M8 x 1.25, M10 x 1.5 & M12 x 1.75 HSS STI taps
5.2, 6.3, 8.3, 10.4 & 12.4 mm H.S.S. drill bits
Stainless steel wire inserts
in the following sizes:
25 x 1.5D M5 x 0.8
25 x 1.5D M6 x 1.0
25 x 1.5D M8 x 1.25
25 x 1.5D M10 x 1.5
10 x 1.5D M12 x 1.75

1/4" to 1/2" UNC Master Thread Repair Kit

PN: H-12-303-A01UNC

Set includes:
1/4"-20, 5/16"-18, 3/8"-16, 7/16"-14 & 1/2"-13 HSS STI taps
17/64", 21/64", 25/64", 29/64", 17/32"
H.S.S. drill bits
Stainless steel wire inserts
in the following sizes:
25 x 1.5D 1/4"-20 UNC
25 x 1.5D 5/16"-18 UNC
25 x 1.5D 3/8"-16 UNC
25 x 1.5D 7/16"-14 UNC
10 x 1.5D 1/2"-13 UNC

1/4" to 1/2" UNF Master Thread Repair Kit

PN: H-12-303-A02UNF

Set includes:
1/4"-28, 5/16"-24, 3/8"-24, 7/16"-20 & 1/2"-20 HSS STI taps
17/64", 21/64", 25/64", 29/64" & 33/64"
H.S.S. drill bits
Stainless steel wire inserts
in the following sizes:
25 x 1.5D 1/4"-28 UNF
25 x 1.5D 5/16"-24 UNF
25 x 1.5D 3/8"-24 UNF
25 x 1.5D 7/16"-20 UNF
10 x 1.5D 1/2"-20 UNF

Stainless Steel Threaded 1.5D Inserts



Thread Profile	Thread Length	Quantity	PN
M5 x 0.8	7.5 mm (post installation)	25	H-11-303-310
M6 x 1.0	9 mm (post installation)	25	H-11-303-315
M8 x 1.25	12 mm (post installation)	25	H-11-303-320
M10 x 1.5	15 mm (post installation)	25	H-11-303-325
M12 x 1.75	18 mm (post installation)	10	H-11-303-330
1/4"-20 UNC	0.375" (post installation)	25	H-12-303-310
5/16"-18 UNC	0.46875" (post installation)	25	H-12-303-315
3/8"-16 UNC	0.5625" (post installation)	25	H-12-303-320
7/16"-14 UNC	0.65625" (post installation)	25	H-12-303-325
1/2"-13 UNC	0.75" (post installation)	10	H-12-303-330
1/4"-28 UNF	0.375" (post installation)	25	H-12-303-350
5/16"-24 UNF	0.46875" (post installation)	25	H-12-303-355
3/8"-24 UNF	0.5625" (post installation)	25	H-12-303-360
7/16"-20 UNF	0.65625" (post installation)	25	H-12-303-365
1/2"-20 UNF	0.75" (post installation)	10	H-12-303-370

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