

Glanze

Indexable Tool Holders



Company Profile

A company manufacturing Carbide Indexable Cutting Tools. The team promoting GLANZE is backed by vast experience in manufacturing of innovative Cutting & Engineering tools.

Our company combines the flexibility of a medium sized enterprise, with the strong backing of our parent company under whose aegis we are exporting across the globe and serving some of the largest tool companies in the world.

To come out a winner, we have placed our sights securely on further growth and expansion, which can be achieved by improving technology and making it an integral part of our activity. Growth has no limits. Accuracy and outstanding performance of our products is the goal of our company.

While continuing to develop new products and new markets for further growth in our specialized field we are striving to understand our customer and his needs. GLANZE is working towards achieving full customer satisfaction in product development, manufacturing and delivery in a committed time schedule.

We are your partners when responding to the diversified needs of the users with high quality products and with each passing day, trying to serve you the best. We strongly believe that customer satisfaction can help us grow from strength to strength.



Our People



We are a very professional and client oriented firm employing a large team of talented personnel, standing behind all our products and ensuring that each product meets industry standards.

Accuracies in Production



Constantly improving to make ourselves one of the best tool manufacturing companies of the world. Improving technology is an integral part of our activity.

Geometries at Work



Our company is focused on re-developing and innovating rather than just producing tools. our vision is to lead the way in proposing new ideas and approaches to customers. Our approach to customers is very positive.

Multiple Axis CNC Flexibility



Multiple axis CNC flexibility the most up to date production equipment to manufacture high quality Indexable Tool Holders. Innovation, Technology, Quality in Design and Manufacture.

Branding



A commitment to quality makes us innovate and allocate resources to fulfill the long range needs of our valued customers and our organization rather than short term profitability.

Our Floor Shop



Our floor shop is equipped with the conventional machines as well as the state of art CNC latest technology machines to manufacture precise products.

Competitive performance is the goal to which Glanze and its corporate structure are geared. Against this background, we have strengthened our spectrum of capabilities, products & services.

01-04

Company Profile



A01-A28

Boring Bar



- ISO Code key
- Application (Index)

B01-B24

Boring Bar (Thru Coolant)



- ISO Code key
- Application (Index)

C01-C38

Turning Tool



- ISO Code key
- Application (Index)

D01-D06

Threading Tool



- Application (Index)

E01-E06

Parting & Grooving Tool



- Application (Index)

F01-F14

Milling Cutter



- Application (Index)

G01-G14

U Drill



- Application (Index)

H01-H09

Boring Head



- Application (Index)

H10-H47

Set's



- Application (Index)
- Multipurpose Set's

I01-I03

Technical Information



- Turning Formula
- Milling Formula
- Drilling Formula

Certification





Glanze

Indexable Tool Holders

BORING BAR

Simply the BEST GLANZE INDEXABLE TOOLS

www.glanze.com

ISO Code Key

Boring Bar

1	2	3	4	5	6	7	8	9	10	11
S	32	U	P	C	L	N	R	12		

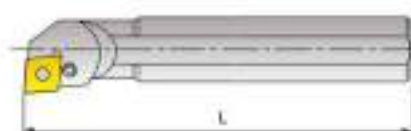
1 Type of shank

S Solid Steel	A Solid Steel with internal coolant passage	E Hard metal shaft and head out of steel with internal coolant passage	C Hard metal shaft and head out of steel
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2 Diameter of cylindrical shaft (mm)

32 Numerical code designating shaft diameter in mm without decimal values. For single digit figure '0' is prefixed.
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3 Overall Length of Boring Bar (mm)



A 32	B 40	C 50	D 60	E 70
F 80	G 90	H 100	J 110	K 125
L 140	M 150	N 160	P 170	Q 180
R 200	S 250	T 300	U 350	V 400
				W 450
Y 500	Z 600			X Special

4 Type of Clamping

C Top Clamp	M Multi Lock	P Lever Lock	S Screw Clamp
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5 Shape of Insert

A Parallelogram	B Parallelogram	C Diamond	D Diamond	E Diamond	H Hexagon	K Parallelogram	L Rectangle	M Diamond
O Octagon	P Pentagon	R Round	S Square	T Triangle	V Diamond	W Trigon	X Special	

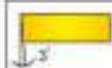
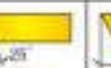
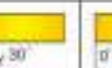
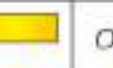
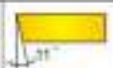
Boring Bar

ISO Code Key

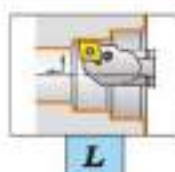
6 Style of Tool

 C	 F	 J	 K
 L	 Q	 S	 U
 W	Special X	 Y	 Z

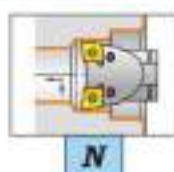
7 Clearance Angle of Insert

								Other	
A	B	C	D	E	F	G	N	O	P

8 Hand of Cutting



Left Hand Cutting



Right Hand and Left Hand Cutting



Right Hand Cutting

9 Length of Cutting Edge, Inscribed Circle Diameter of Insert (mm)

									
ABK	CDEM	H	L	O	P	R	S	T	W
Parallelogram	Diamond	Hexagon	Rectangle	Octagon	Pentagon	Round	Square	Triangle	Trigon



Numerical code representing size of insert cutting edge length in mm, neglecting decimal value for single digit figures '0' is prefixed, for round insert Diameter in mm without decimal value.

10/11 Provision for manufacturers special remarks

10

11

E

X

Back Boring Bar of Specified ISO type.

S

P

Spherical Boring Tool of Specified ISO type.

Boring Bar

Boring Bars - Applications

A07-A08 M - Boring bar with top clamping system



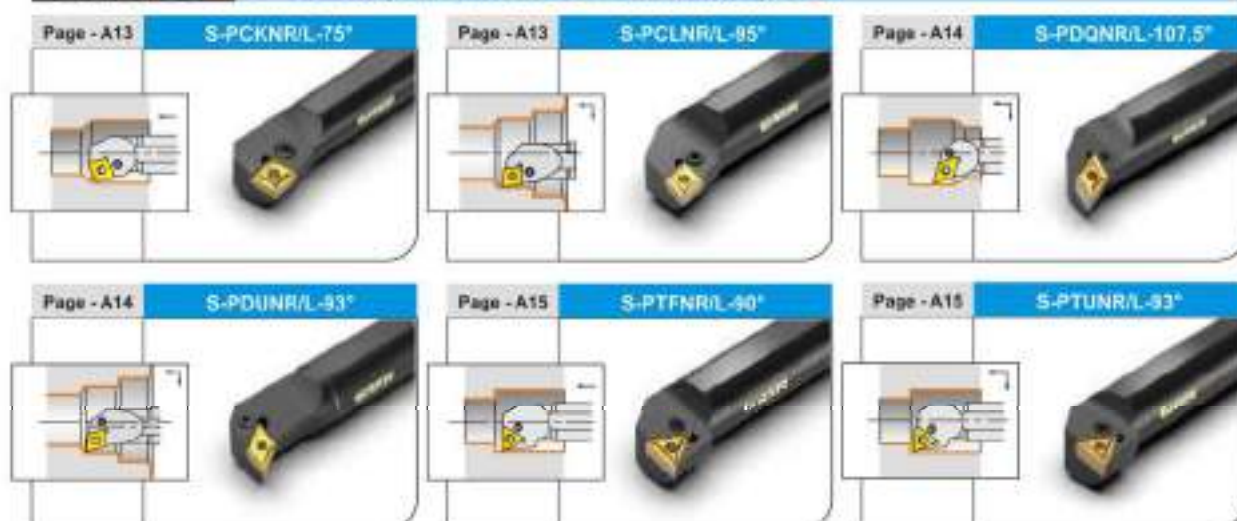
A9-A10 D - Boring bar with dimple lock clamping system



A11-A12 M - Boring bar with wedge clamping system



A13-A16 P - Boring bar with lever clamping system



Page - A16

S-PWLNRL-95°



A17-A23

S - Boring bar with screw clamping system

Page - A17

S-SCKCRL-75°



Page - A18

S-SCLCRL-95°



Page - A19

S-SDQCR/L-107.5°



Page - A19

S-SDUCRL-93°



Page - A20

S-SDZCRL-90°



Page - A20

S-STFCRL-90°



Page - A21

S-STLCRL-95°



Page - A21

S-STUCRL-93°



Page - A22

S-SVJCR/L-93°



Page - A22

S-SVQCR/L-107.5°



Page - A23

S SPL-SVQCR/L-107.5°



Page - A23

S-SVUCR/L-93°



Boring Bar

Boring Bars - Applications

A24-A27 S - Shortneck Boring bar with screw clamping system

Page - A24

S-SCLCR/L-95°



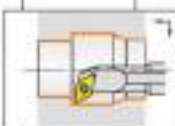
Page - A24

S-SDQCR/L-107.5°



Page - A25

S-SDUCR/L-93°



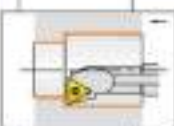
Page - A25

S-SELPRL-95°



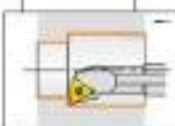
Page - A26

S-STFCR/L-90°



Page - A26

S-STUCR/L-93°



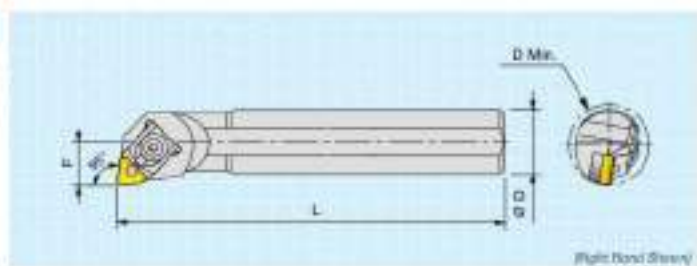
Page - A27

S-SWUCR/L-93°



Wedge clamping boring bar suitable for 90° boring & facing

Boring Bar



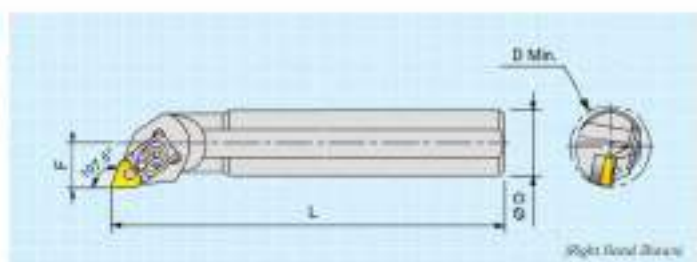
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g5	D Min.	F	L					Right	Left
S32U MCLNR/L 12	32	40	22	350			K133	CNMG 1204--	720465	720466
S40V MCLNR/L 12	40	50	27	400			K133	CNMG 1204--	720467	720468
S50W MCLNR/L 12	50	63	35	450			K133	CNMG 1204--	720469	720470

Spare Parts

Spare Type	Clamp	Clamp Screw Set	Shim	Shim Pin		Allen Key	Allen Key
K133	4015	2023	3040	11011		5001	5002

Wedge clamping boring bar suitable for internal profiled bores & faces less than 90° greater than 65°

Boring Bar



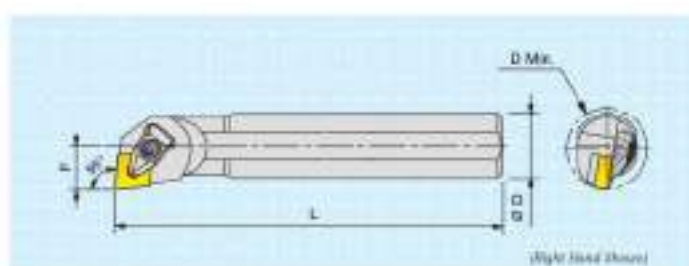
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
S40V MDQNR/L 15	40	50	27	400			K134	DNMG 1506--	720695	720696
S50W MDQNR/L 15	50	63	35	450			K134	DNMG 1506--	720697	720698

Spare Parts

Spare Type	Clamp	Clamp Screw Set	Shim	Shim Pin		Allen Key	Allen Key
K134	4016	2024	3041	11012		5001	5002

Dimple lock clamping boring bar suitable for 90° boring & facing

Boring Bar



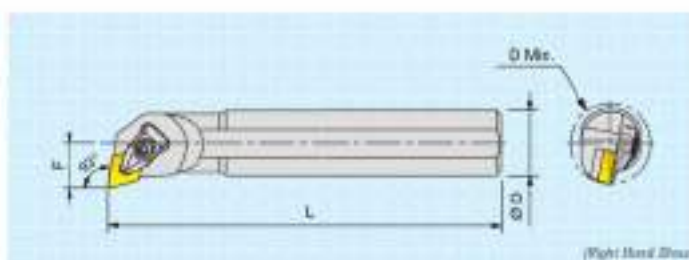
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	ϕD_{g6}	D_{Min}	F	L						Right	Left
S25T DCLNR/L 12	25	32	17	300				K126	CNMG 1204-	720571	720572
S32U DCLNR/L 12	32	40	22	300				K126	CNMG 1204-	720573	720574
S40V DCLNR/L 12	40	50	27	400				K121	CNMG 1204-	720575	720576
S50W DCLNR/L 12	50	63	35	450				K121	CNMG 1204-	720577	720578

Spare Parts

Spare Type	Clamp	Clamp Screw	Shim	Shim Screw	Spring		Torx Key	Allen Key
K121	4005	2010	3015	1005	12002		6001	5001
K126	4005	2010	3002	1007	12002		6001	5001

Dimple lock clamping boring bar suitable for internal profiled bores & faces less than 90° greater than 65°

Boring Bar



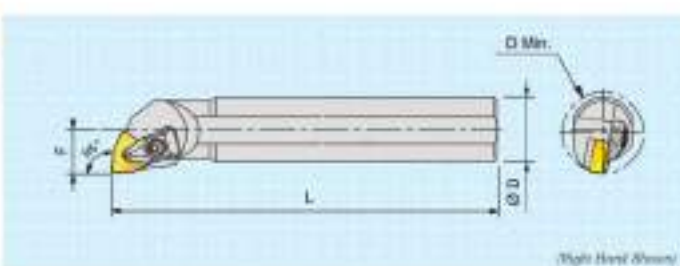
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	ϕD_{g6}	D_{Min}	F	L						Right	Left
S32U DDUNR/L 15	32	40	22	350				K136	DNMG 1506-	720681	720682
S40V DDUNR/L 15	40	50	27	400				K125	DNMG 1506-	720683	720684
S50W DDUNR/L 15	50	63	35	450				K125	DNMG 1506-	720685	720686

Spare Parts

Spare Type	Clamp	Clamp Screw	Shim	Shim Screw	Spring		Torx Key	Allen Key
K136	4005	2010	3005	1007	12002		6001	5001
K125	4005	2010	3016	1005	12002		6001	5001

Boring Bar

Dimple lock clamping boring bar suitable for 90° boring & facing



ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
S25T DWLNR/L 06	25	32	17	300			K118	WNMG 0604-	721807	721808
S25T DWLNR/L 08	25	32	17	300			K129	WNMG 0804-	721821	721822
S32U DWLNR/L 06	32	40	22	350			K129	WNMG 0804-	721823	721824
S40V DWLNR/L 03	40	50	27	400			K119	WNMG 0804-	721825	721826
S50W DWLNR/L 08	50	63	35	450			K119	WNMG 0804-	721827	721828

Spare Parts

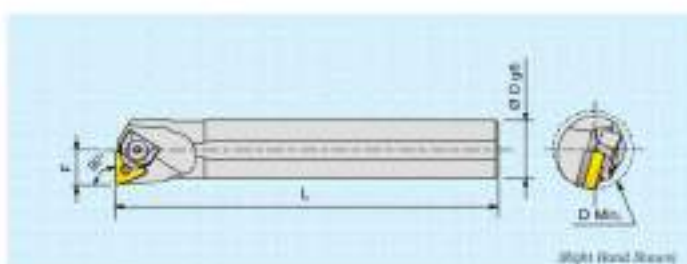
Spare Type	Clamp	Clamp Screw	Shim	Shim Screw	Spring		Torx Key	Allen Key
								
K129	4005	2010	3008	1008	12002		6001	5001
K119	4005	2010	3017	1005	12002		6001	5001
K118	4004	2009	3013	1004	12001		6001	5004

Notes

This image shows a full page of blank graph paper. The grid consists of small, uniform squares formed by thin, light blue lines. There are no margins, text, or other markings on the page.

Top wedge clamp / pin boring bar suitable for internal profiled bores & faces less than 90° & greater than 70°

Boring Bar



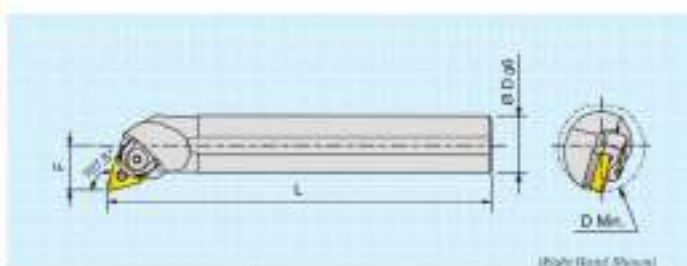
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S25T MTFNR/L 16	25	32	17	300				K166	TNMG 1604-	720231	720232
S32U MTFNR/L 16	32	40	22	350				K166	TNMG 1604-	720233	720234
S40V MTFNR/L 16	40	50	27	400				K166	TNMG 1604-	720235	720236

Spare Parts

Spare Type	Clamp	Clamp Screw Set	Shim	Shim Pin				Allen Key	Allen Key
K166	4007	2013	3021	11018				5004	5001

Top wedge clamp / pin boring bar suitable for internal profiled bores & faces less than 90° & greater than 70°

Boring Bar



ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	$\varnothing D g6$	$D Min.$	F	L						Right	Left
S25T MTHNR/L 16	25	32	17	300				K166	TNMG 1604-	720261	720262
S32U MTHNR/L 16	32	40	22	350				K166	TNMG 1604-	720263	720264
S40V MTHNR/L 16	40	50	27	400				K166	TNMG 1604-	720265	720266

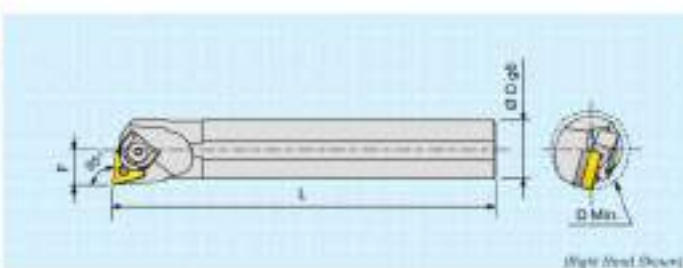
Spare Parts

Spare Type	Clamp	Clamp Screw Set	Shim	Shim Pin				Allen Key	Allen Key
K166	4007	2013	3021	11018				5004	5001

Glanze Indexable Tool Holders

Boring Bar

Top wedge clamp / pin boring bar suitable for internal profiled bores & faces less than 90° & greater than 70°



ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	$\varnothing D_{g6}$	$D_{Min.}$	F	L					Right	Left
S25T MTLNR/L 16	25	32	17	300			K166	TNMG 1004-	720331	720332
S32U MTLNR/L 16	32	40	22	350			K166	TNMG 1004-	720333	720334
S40V MTLNR/L 16	40	50	27	400			K166	TNMG 1004-	720335	720336

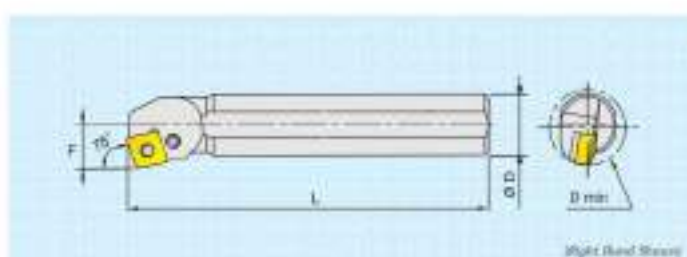
Spare Parts

Spare Type	Clamp	Clamp Screw Set	Shim	Shim Pin			Allen Key	Allen Key
K166								
	4007	2013	3021	11016			5004	5001



Lever clamp boring bar suitable for thru coolant bores 75° approach utilizing unused 100° corners

Boring Bar



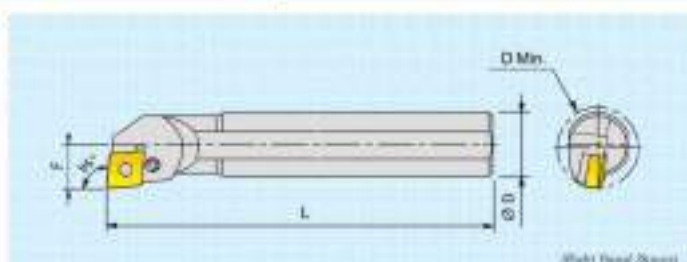
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	Ø D g5	D Min.	F	L					Right	Left
S16R PCKNR/L 09	16	20	11	200			K167	CNMG 0903-	720411	720412
S20S PCKNR/L 09	20	25	13	250			K167	CNMG 0903-	720413	720414
S25T PCKNR/L 12	25	32	17	300			K105	CNMG 1204-	720415	720416
S32U PCKNR/L 12	32	40	22	350			K105	CNMG 1204-	720425	720426
S40V PCKNR/L 12	40	50	27	400			K105	CNMG 1204-	720427	720428
S50W PCKNR/L 12	50	63	35	450			K105	CNMG 1204-	720429	720430
S50W PCKNR/L 18	50	63	35	450			K122	CNMG 1806-	720441	720442
S60Y PCKNR/L 18	60	80	43	500			K122	CNMG 1806-	720443	720444

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin			Allen Key
K167	2003	8001					5003
K105	2004	8002	3002	11001			5001
K122	2005	8003	3003	11002			5002

Lever clamp boring bar suitable for 90° boring & facing

Boring Bar



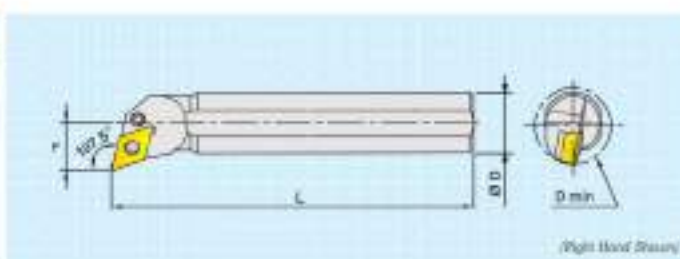
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
S16R PCLNR/L 09	16	20	11	200			K167	CNMG 0903-	720511	720512
S20S PCLNR/L 09	20	25	13	250			K167	CNMG 0903-	720513	720514
S25T PCLNR/L 12	25	32	17	300			K105	CNMG 1204-	720515	720516
S32U PCLNR/L 12	32	40	22	350			K105	CNMG 1204-	720525	720526
S40V PCLNR/L 12	40	50	27	400			K105	CNMG 1204-	720527	720528
S50W PCLNR/L 12	50	63	35	450			K105	CNMG 1204-	720529	720530
S50W PCLNR/L 18	50	63	35	450			K122	CNMG 1806-	720531	720532
S60Y PCLNR/L 18	60	80	43	500			K122	CNMG 1806-	720533	720534

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin			Allen Key
K167	2003	8001					5003
K105	2004	8002	3002	11001			5001
K122	2005	8003	3003	11002			5002

Boring Bar

Lever clamp boring bar suitable for internal profiled bores & faces less than 90° greater than 65°



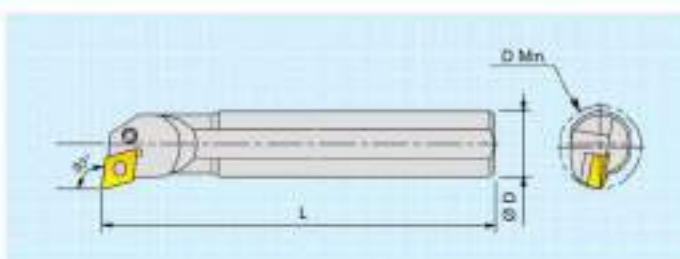
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S20S PDQNR/L 11	20	25	13	250			K202	DNMG 1104-	720601	720602
S25T PDQNR/L 11	25	32	17	300			K109	DNMG 1104-	720603	720604
S32U PDQNR/L 15	32	40	22	350			K110	DNMG 1506-	720611	720612
S40V PDQNR/L 15	40	50	27	400			K110	DNMG 1506-	720613	720614
S50W PDQNR/L 15	50	63	35	450			K110	DNMG 1506-	720615	720616

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K109	2006	8004	3004	11003				5004
K110	2007	8005	3005	11001				5001
K202	2035	8012						5003

Boring Bar

Lever clamp boring bar suitable for internal profiled bores & faces less than 90° greater than 65°



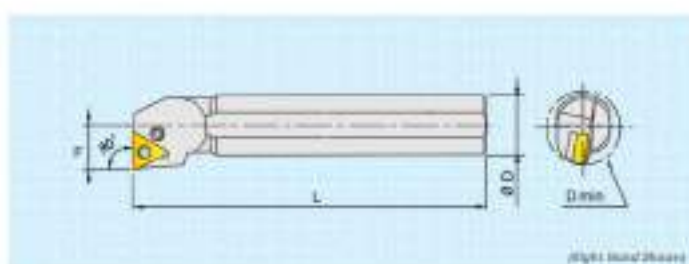
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S20S PDUNR/L 11	20	25	13	250			K202	DNMG 1104-	720621	720622
S25T PDUNR/L 11	25	32	17	300			K109	DNMG 1104-	720623	720624
S32U PDUNR/L 15	32	40	22	350			K110	DNMG 1506-	720631	720632
S40V PDUNR/L 15	40	50	27	400			K110	DNMG 1506-	720633	720634
S50W PDUNR/L 15	50	63	35	450			K110	DNMG 1506-	720635	720636

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K109	2006	8004	3004	11003				5004
K110	2007	8005	3005	11001				5001
K202	2035	8012						5003

Lever clamp boring bar suitable for blind bores with 90° Face

Boring Bar



ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	ϕD g6	D Min.	F	L						Right	Left
S25T PTFNR/L 16	25	32	17	300				K187	TNMG 1604--	720711	720712
S32U PTFNR/L 16	32	40	22	350				K187	TNMG 1604--	720713	720714
S40V PTFNR/L 16	40	50	27	400				K187	TNMG 1604--	720715	720716

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K187	2036	8006	3006	11003				5004

Lever clamp boring bar suitable for blind bores with 90° Face

Boring Bar



ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	ϕD g6	D Min.	F	L						Right	Left
S25T PTUNR/L 16	25	32	17	300				K187	TNMG 1604--	720731	720732
S32U PTUNR/L 16	32	40	22	350				K187	TNMG 1604--	720733	720734
S40V PTUNR/L 16	40	50	27	400				K187	TNMG 1604--	720735	720736

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K187	2006	8006	3006	11003				5004

Boring Bar

Lever clamp boring bar suitable for 90° boring & facing



ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
S20S PwLNR/L 06	20	25	13	250			K123	WNMG 0604..	721831	721832
S25T PwLNR/L 06	25	32	17	300			K180	WNMG 0804..	721845	721846
S32U PwLNR/L 06	32	40	22	350			K180	WNMG 0804..	721847	721848

Spare Parts

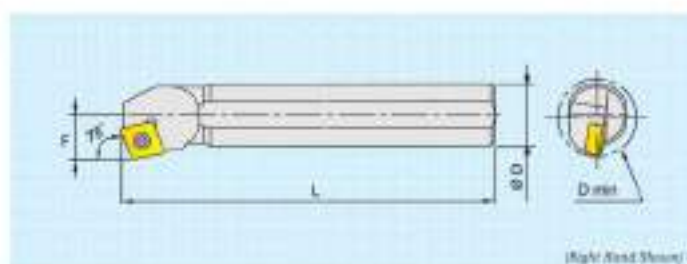
Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K123								
K180	2003	8007	3008	11001				5003
	2004	8002						5001

Notes

This image shows a full page of blank graph paper. The grid consists of small squares formed by thin, light blue horizontal and vertical lines. There are no margins, text, or other markings on the page.

Screw clamp boring bar suitable for thru bores 75° approach utilizing corner

Boring Bar



ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	ϕD_{g6}	$D_{Min.}$	F	L						Right	Left
S06F SCKCR/L 06	06	09	4.5	80				K127	CCMT 0602-	720801	720812
S08H SCKCR/L 06	08	11	06	100				K127	CCMT 0602-	720813	720814
S10K SCKCR/L 06	10	13	07	125				K127	CCMT 0602-	720815	720816
S12M SCKCR/L 06	12	16	09	150				K127	CCMT 0602-	720817	720818
S16R SCKCR/L 09	16	20	11	200				K102	CCMT 09T3-	720823	720824
S20S SCKCR/L 09	20	25	13	250				K102	CCMT 09T3-	720825	720826
S25T SCKCR/L 09	25	32	17	300				K102	CCMT 09T3-	720827	720828

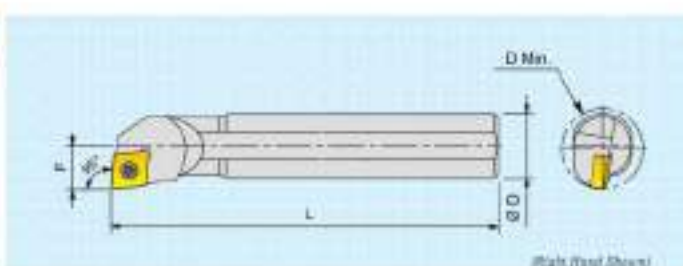
Spare Parts

Spare Type	Torx Screw								Torx Key
									
K127	7003								6002
K102	7006								6001



Boring Bar

Screw clamp boring bar suitable for 90° boring & Facing



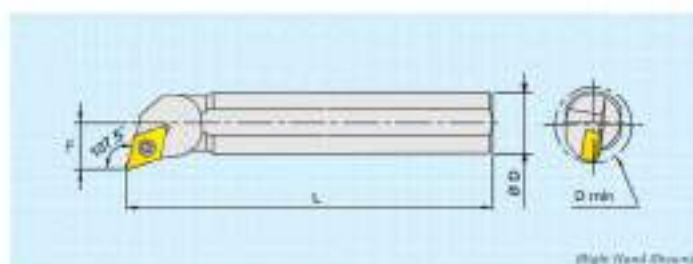
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
S05D SCLDR/L 04	05	07	04	60			K230	CCMT 04T1-	720901	720902
S06F SCLDR/L 04	06	09	4.5	80			K230	CCMT 04T1-	720903	720904
S06F SCLPR/L 05	06	09	4.5	80			K221	CPMT 0502-	720911	720912
S08H SCLPR/L 05	08	10	05	100			K221	CPMT 0502-	720913	720914
S06F SCLCR/L 06	06	09	4.5	80			K127	CCMT 0602-	720921	720922
S08H SCLCR/L 06	08	11	06	100			K127	CCMT 0602-	720923	720924
S10K SCLCR/L 06	10	13	07	125			K127	CCMT 0602-	720925	720926
S12M SCLCR/L 06	12	16	09	150			K127	CCMT 0602-	720927	720928
S16R SCLCR/L 06	16	20	11	200			K127	CCMT 0602-	720929	720930
S12M SCLCR/L 09	12	16	09	150			K102	CCMT 09T3-	720941	720942
S16R SCLCR/L 09	16	20	11	200			K102	CCMT 09T3-	720943	720944
S20B SCLCR/L 09	20	25	13	250			K102	CCMT 09T3-	720945	720946
S25T SCLCR/L 09	25	32	17	300			K102	CCMT 09T3-	720947	720948
S25T SCLCR/L 12	25	32	17	300			K206	CCMT 1204-	720963	720964

Spare Parts

Spare Type	Torx Screw							Torx Key
								
K230	7024							6003
K221	7003							6002
K127	7003							6002
K102	7006							6001
K206	7010							6004

Screw clamp boring bar suitable for internal profiled bores & faces less than 90° & greater than 65°

Boring Bar



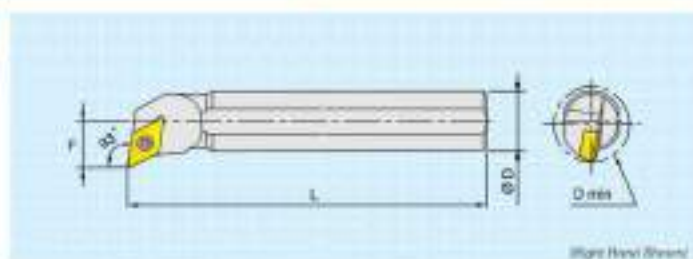
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L						Right	Left
S08H SDQCR/L 07	08	11	06	100				K107	DCMT 0702--	721001	721002
S10K SDQCR/L 07	10	14	07	125				K107	DCMT 0702--	721003	721004
S12M SDQCR/L 07	12	16	09	150				K107	DCMT 0702--	721005	721006
S16R SDQCR/L 07	16	20	11	200				K107	DCMT 0702--	721007	721008
S20S SDQCR/L 07	20	25	13	250				K107	DCMT 0702--	721009	721010
S16R SDQCR/L 11	16	20	11	200				K144	DCMT 11T3-	721019	721020
S20S SDQCR/L 11	20	25	13	250				K144	DCMT 11T3-	721021	721022
S25T SDQCR/L 11	25	32	17	300				K144	DCMT 11T3-	721023	721024
S32U SDQCR/L 11	32	40	22	350				K144	DCMT 11T3-	721025	721026

Spare Parts

Spare Type	Torx Screw							Torx Key
K107	7003							6002
K144	7006							6001

Double clamp boring bar suitable for internal profiled bores & faces less than 90° & greater than 65°

Boring Bar



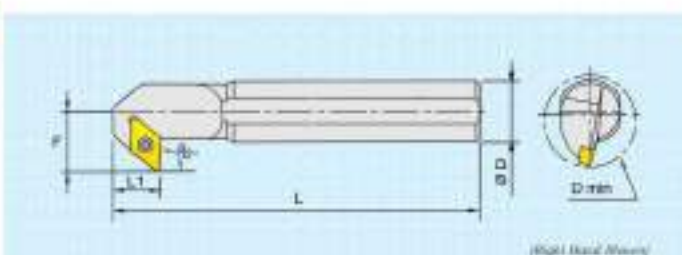
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L						Right	Left
S10K SDUCR/L 07	10	11	07	125				K107	DCMT 0702--	721031	721032
S12M SDUCR/L 07	12	16	09	150				K107	DCMT 0702--	721033	721034
S16R SDUCR/L 07	16	20	11	200				K107	DCMT 0702--	721035	721036
S20S SDUCR/L 07	20	25	13	250				K107	DCMT 0702--	721037	721038
S16R SDUCR/L 11	16	20	11	200				K144	DCMT 11T3-	721039	721040
S20S SDUCR/L 11	20	25	13	250				K144	DCMT 11T3-	721041	721042
S25T SDUCR/L 11	25	32	17	300				K144	DCMT 11T3-	721043	721044
S32U SDUCR/L 11	32	40	22	350				K144	DCMT 11T3-	721045	721046

Spare Parts

Spare Type	Torx Screw							Torx Key
K107	7003							6002
K144	7006							6001

Boring Bar

Screw clamp boring bar suitable for internal profiled bores & faces less than 90° & greater than 65°



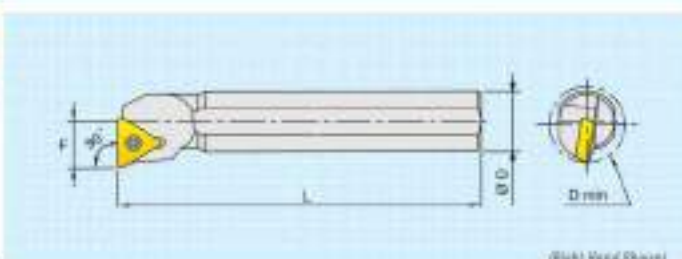
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L	L1				Right	Left
S12M SDZCR/L 07	12	22	13	150	10		K107	DCMT 0702-	721155	721156
S16R SDZCR/L 07	16	27	17	200	10		K107	DCMT 0702-	721157	721158
S20S SDZCR/L 11	20	35	22	250	16		K144	DCMT 11T3-	721165	721166
S25T SDZCR/L 11	25	42	27	300	16		K144	DCMT 11T3-	721167	721168
S32U SDZCR/L 11	32	59	35	350	16		K144	DCMT 11T3-	721169	721170

Spare Parts

Spare Type	Torx Screw							Torx Key
K107	7003							6002
K144	7006							6001

Boring Bar

Screw clamp boring bar suitable for blind bores with 90° facing



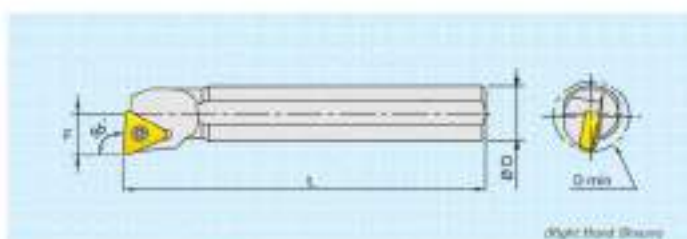
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
S05D STFCR/L 06	06	08	4	60			K222	TCMT 0601-	721201	721202
S06F STFCR/L 06	06	09	4.5	80			K223	TCMT 06T1-	721203	721204
S08H STFCR/L 06	08	11	6	100			K223	TCMT 06T1-	721205	721206
S08H STFCR/L 09	08	11	06	100			K224	TCMT 0902-	721221	721222
S10K STFCR/L 09	10	13	07	125			K224	TCMT 0902-	721223	721224
S16K STFCR/L 11	16	19	07	125			K148	TCMT 1103-	721231	721232
S12M STFCR/L 11	12	16	09	150			K148	TCMT 1102-	721233	721234
S16R STFCR/L 16	16	20	11	200			K189	TCMT 16T3-	721243	721244
S20S STFCR/L 16	20	25	13	250			K189	TCMT 16T3-	721245	721246
S25T STFCR/L 16	25	32	17	300			K189	TCMT 16T3-	721247	721248

Spare Parts

Spare Type	Torx Screw							Torx Key
K222	7013							6003
K223	7013							6003
K224	7014							6003
K148	7003							6002
K189	7006							6001

Screw clamp boring bar suitable for blind bores with 90° facing

Boring Bar



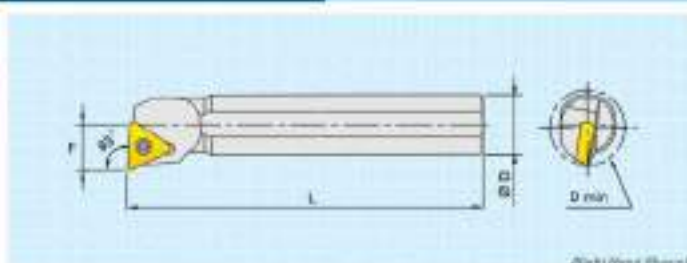
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
S06F STLCR/L 06	06	09	4.5	80			K223	TCMT 06T1-	721311	721312
S08H STLCR/L 08	08	11	06	100			K223	TCMT 08T1-	721313	721314
S08H STLCR/L 09	08	11	06	100			K224	TCMT 0902-	721321	721322
S10K STLCR/L 09	10	13	07	125			K224	TCMT 0902-	721323	721324
S10K STLCR/L 11	10	13	07	125			K148	TCMT 1102-	721331	721332
S12M STLCR/L 11	12	16	09	150			K148	TCMT 1102-	721333	721334
S16R STLCR/L 16	16	20	11	200			K189	TCMT 16T3-	721341	721342
S20S STLCR/L 16	20	25	13	250			K189	TCMT 16T3-	721343	721344
S25T STLCR/L 16	25	32	17	300			K189	TCMT 16T3-	721345	721346

Spare Parts

Spare Type	Torx Screw							Torx Key
K223	7013							8003
K224	7014							8003
K148	7003							8002
K189	7006							8001

Screw clamp boring bar suitable for blind bores with 90° facing

Boring Bar



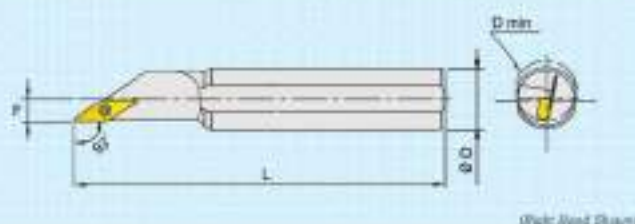
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
S06F STUCR/L 06	06	09	4.5	80			K223	TCMT 06T1-	721411	721412
S08H STUCR/L 06	08	11	06	100			K223	TCMT 06T1-	721413	721414
S08H STUCR/L 09	08	11	06	100			K224	TCMT 0902-	721421	721422
S10K STUCR/L 09	10	13	07	125			K224	TCMT 0902-	721423	721424
S10K STUCR/L 11	10	13	07	125			K148	TCMT 1102-	721431	721432
S12M STUCR/L 11	12	16	09	150			K148	TCMT 1102-	721433	721434
S16R STUCR/L 16	16	20	11	200			K189	TCMT 16T3-	721441	721442
S20S STUCR/L 16	20	25	13	250			K189	TCMT 16T3-	721443	721444
S25T STUCR/L 16	25	32	17	300			K189	TCMT 16T3-	721445	721446

Spare Parts

Spare Type	Torx Screw							Torx Key
K223	7013							8003
K224	7014							8003
K148	7003							8002
K189	7006							8001

Boring Bar

Screw clamp boring bar suitable for spherical boring (SP)



ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g5	D Min.	F	L					Right	Left
S16R SVJCRL 11 SP	16	22	02	200			K188	VCMT 1103-	721501	721502
S20S SVJCRL 11 SP	20	25	02	250			K188	VCMT 1103-	721503	721504
S25T SVJCRL 16 SP	25	28	02	300			K191	VCMT 1604-	721505	721506

Spare Parts

Spare Type	Torx Screw								Torx Key
K188	7003								6002
K191	7005								6001

Boring Bar

Screw clamp very deep copy 35° boring bar suitable for internal profiled bores & faces less than 90° & greater than 45°



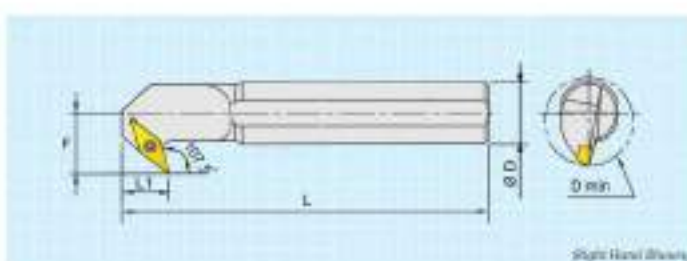
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g5	D Min.	F	L					Right	Left
S12M SVQCR/L 11	12	18	09	150			K188	VCMT 1103-	721611	721612
S16R SVQCR/L 11	16	20	11	200			K188	VCMT 1103-	721613	721614
S20S SVQCR/L 11	20	25	13	250			K188	VCMT 1103-	721615	721616
S25T SVQCR/L 11	25	32	17	300			K188	VCMT 1103-	721617	721618
S32U SVQCR/L 16	32	40	22	350			K191	VCMT 1604-	721621	721622
S40V SVQCR/L 16	40	50	27	400			K191	VCMT 1604-	721623	721624
S50W SVQCR/L 16	50	63	35	450			K191	VCMT 1604-	721625	721626
S60V SVQCR/L 16	60	80	43	500			K191	VCMT 1604-	721627	721628

Spare Parts

Spare Type	Torx Screw								Torx Key
K188	7003								6002
K191	7005								6001

Screw clamp very deep copy 35° boring bar suitable for internal profiled bores & faces less than 90° & greater than 45°

Boring Bar



ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L	L1				Right	Left
S16R SVQCR/L 11 EX	16	27	17	200	16		K188	VCMT 1103--	721711	721712
S20S SVQCR/L 11 EX	20	35	22	250	16		K188	VCMT 1103--	721713	721714
S25T SVQCR/L 11 EX	25	42	27	300	16		K188	VCMT 1103--	721715	721716
S32U SVQCR/L 16 EX	32	53	35	350	16		K191	VCMT 1604--	721721	721722

Spare Parts

Spare Type	Torx Screw							Torx Key
K188	7003							6002
K191	7006							6001

Screw clamp very deep copy 35° boring bar suitable for internal profiled bores & faces less than 90° & greater than 45°

Boring Bar



ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
S16R SVUCR/L 11	16	20	11	200			K188	VCMT 1103--	721641	721642
S20S SVUCR/L 11	20	25	13	250			K188	VCMT 1103--	721643	721644
S25T SVUCR/L 11	25	32	17	300			K188	VCMT 1103--	721645	721646
S32U SVUCR/L 16	32	40	22	350			K191	VCMT 1604--	721651	721652
S40V SVUCR/L 16	40	50	27	400			K191	VCMT 1604--	721653	721654

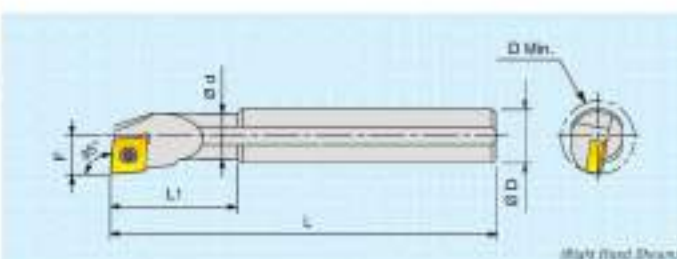
Spare Parts

Spare Type	Torx Screw							Torx Key
K188	7003							6002
K191	7006							6001

Glanze Indexable Tool Holders

Boring Bar

Screw clamp shortneck boring bar suitable for 90° boring & Facing



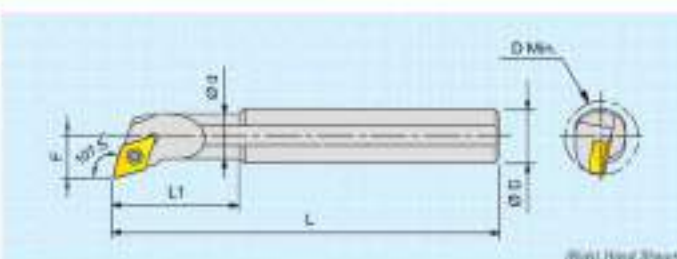
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	$\varnothing D$ g6	D Min.	F	L	L1	$\varnothing d$			Right	Left
S0608H SCLCR/L 06	08	09	4,5	100	25	06	K127	CCMT 0602-	720981	720982
S0810K SCLCR/L 06	10	11	06	125	32	08	K127	CCMT 0602-	720983	720984
S1012M SCLCR/L 06	12	13	07	150	36	10	K127	CCMT 0602-	720985	720986
S1216Q SCLCR/L 06	16	16	09	180	50	11	K127	CCMT 0602-	720988	720989
S1216Q SCLCR/L 09	16	16	09	180	36	12	K102	CCMT 09T3-	720991	720992
S1620R SCLCR/L 09	20	23	11	200	46	16	K102	CCMT 09T3-	720993	720994
S2025S SCLCR/L 09	25	28	13	250	60	20	K102	CCMT 09T3	720995	720996

Spare Parts

Spare Type	Torx Screw							Torx Key
								
K127	7003							6002
K102	7006							6001

Boring Bar

Screw clamp shortneck boring bar suitable for internal profiled bores & faces less than 90° & greater than 65°



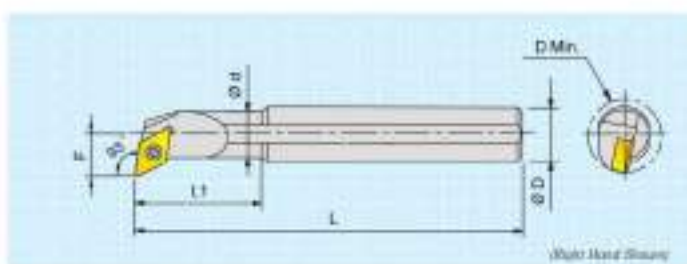
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	$\varnothing D$ g6	D Min.	F	L	L1	$\varnothing d$			Right	Left
S0810K SDQCR/L 07	10	12,5	07	125	22	08	K107	DCMT 0702-	721081	721082
S1012M SDQCR/L 07	12	15,5	09	150	28	10	K107	DCMT 0702-	721083	721084
S1216Q SDQCR/L 07	16	19,5	11	180	36	12	K107	DCMT 0702-	721085	721086

Spare Parts

Spare Type	Torx Screw							Torx Key
								
K107	7003							6002

Screw clamp shortneck boring bar suitable for internal profiled bores & faces less than 90° & greater than 65°

Boring Bar



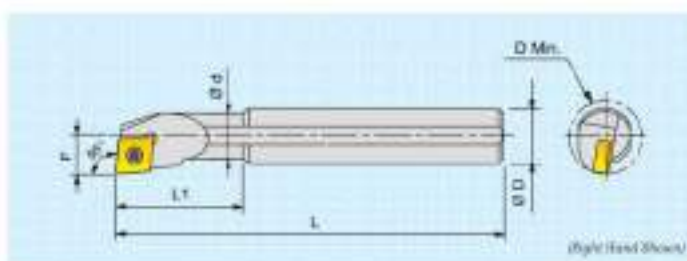
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L	L1	Ø d				Right	Left
S0810K SDUCR/L 07	10	12.5	07	125	22	08		K107	DCMT 0702-	721173	721174
S1012M SDUCR/L 07	12	15.5	09	150	28	10		K107	DCMT 0702-	721175	721176
S1218Q SDUCR/L 07	16	19.5	11	180	36	12		K107	DCMT 0702-	721177	721178

Spare Parts

Spare Type	Torx Screw									Torx Key
K107	7003									6002

Screw clamp shortneck boring bar suitable for 90° boring & Facing

Boring Bar



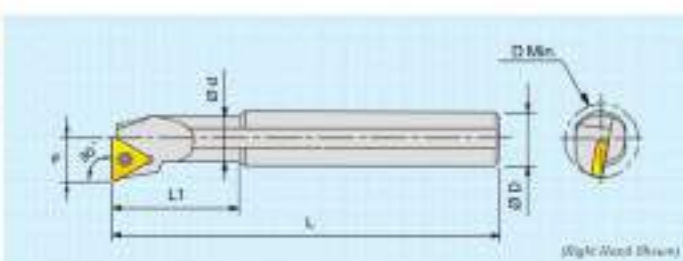
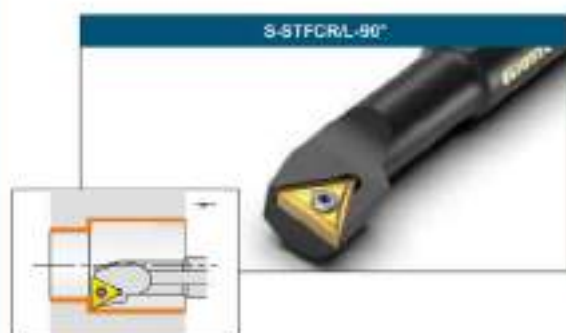
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L	L1	Ø d				Right	Left
S0600H SELPR/L 04	08	09	4.5	100	20	06		K225	EPNW 0402-	720771	720772
S0810J SELPR/L 04	10	11	06	110	26	08		K225	EPNW 0402-	720773	720774
S1012K SELPR/L 04	12	13	07	125	32	10		K225	EPNW 0402-	720775	720776
S1210M SELPR/L 04	10	10	09	100	40	12		K225	EPNW 0402-	720777	720778

Spare Parts

Spare Type	Torx Screw									Torx Key
K225	7013									6003

Boring Bar

Screw clamp shortneck boring bar suitable for blind bores with 90° facing



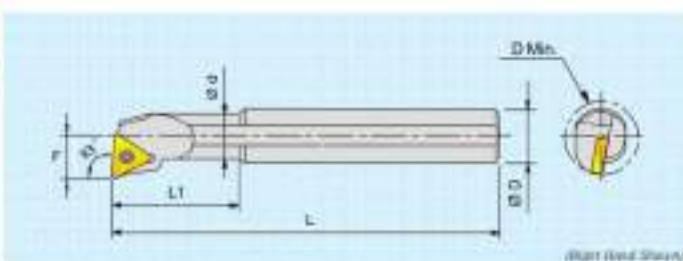
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	$\varnothing D$ g6	D Min.	F	L	$L1$	$\varnothing d$			Right	Left
S0810K STFCRL/L 11	10	12.5	07	125	25	08	K148	TCMT 1102-	721251	721252
S1012M STFCRL/L 11	12	16	09	150	32	10	K148	TCMT 1102-	721253	721254
S1216Q STFCRL/L 11	16	20	11	180	40	12	K148	TCMT 1102-	721255	721256

Spare Parts

Spare Type	Torx Screw							Torx Key
K148	7003							6002

Boring Bar

Screw clamp shortneck boring bar suitable for blind bores with 90° facing



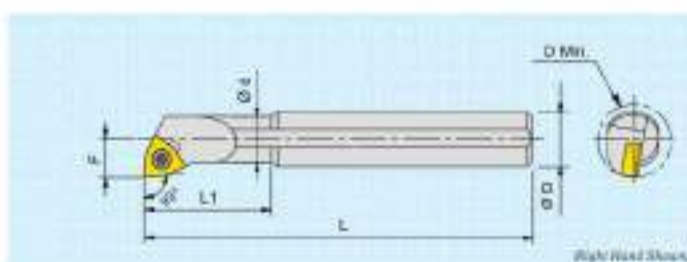
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	$\varnothing D$ g6	D Min.	F	L	$L1$	$\varnothing d$			Right	Left
S0810K STUCRL/L 11	10	12.5	07	125	25	08	K148	TCMT 1102-	721451	721452
S1012M STUCRL/L 11	12	16	09	150	32	10	K148	TCMT 1102-	721453	721454
S1216Q STUCRL/L 11	16	20	11	180	40	12	K148	TCMT 1102-	721455	721456

Spare Parts

Spare Type	Torx Screw							Torx Key
K148	7003							6002

Screw clamp shortneck boring bar suitable for 90° boring & facing

Boring Bar



ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	ϕD g6	D Min.	F	L	L1	ϕd				Right	Left
S0506H SWUCR/L 02-5.8	08	5.8	2.9	100	18	05		K226	WCMT 0201-	720781	720782
S0608H SWUCR/L 02-7.8	08	7.8	3.9	100	24	06		K226	WCMT 0201-	720783	720784
S10H SWUCR/L 02-06	10	06	03	100	21	05		K226	WCMT 0201-	720787	720788
S10H SWUCR/L 02-07	10	07	3.5	100	24.5	06		K226	WCMT 0201-	720789	720790
S10H SWUCR/L 02-08	10	08	04	100	28	07		K226	WCMT 0201-	720791	720792

Spare Parts

Spare Type	Torx Screw									Torx Key
K226	7013									6003



Glanze

Indexable Tool Holders

BORING BAR

(THRU COOLANT)

World Class Tooling with GLANZE

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ISO Code Key

Boring Bar

1	2	3	4	5	6	7	8	9	10	11
A	32	U	P	C	L	N	R	12		

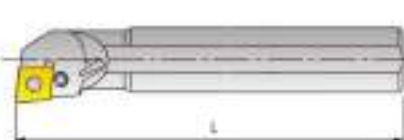
1 Type of shank

S Solid Steel	A Solid Steel with internal coolant passage	E Hard metal shaft and head out of steel with internal coolant passage	C Hard metal shaft and head out of steel
----------------------	--	---	---

2 Diameter of cylindrical shaft (mm)

32 Numerical code designating shaft diameter in mm without decimal values. For single digit figure '0' is prefixed.

3 Overall Length of Boring Bar (mm)



A 32	B 40	C 50	D 60	E 70
F 80	G 90	H 100	J 110	K 125
L 140	M 150	N 160	P 170	Q 180
R 200	S 250	T 300	U 350	V 400
W 450	X Special			
Y 500	Z 600			

4 Type of Clamping

C Top Clamp	M Multi Lock	P Lever Lock	S Screw Clamp
--------------------	---------------------	---------------------	----------------------

5 Shape of Insert

A Parallelogram	B Parallelogram	C Diamond	D Diamond	E Diamond	H Hexagon	K Parallelogram	L Rectangle	M Diamond
O Octagon	P Pentagon	R Round	S Square	T Triangle	V Diamond	W Trigon	X Special	

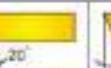
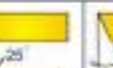
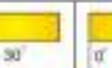
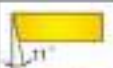
Boring Bar

ISO Code Key

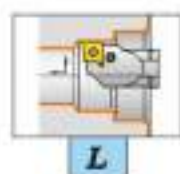
6 Style of Tool

 C	 F	 J	 K
 L	 Q	 S	 U
 W	Special X	 Y	 Z

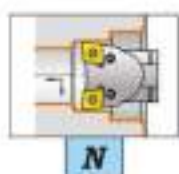
7 Clearance Angle of Insert

								Other	
A	B	C	D	E	F	G	N	O	P

8 Hand of Cutting



Left Hand Cutting



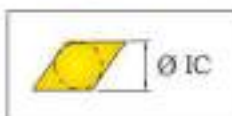
Right Hand and Left Hand Cutting



Right Hand Cutting

9 Length of Cutting Edge, Inscribed Circle Diameter of Insert (mm)

									
ABK	CDEM	H	L	O	P	R	S	T	W
Parallelogram	Diamond	Hexagon	Rectangle	Octagon	Pentagon	Round	Square	Triangle	Tripp



Numerical code representing size of insert cutting edge length in mm, neglecting decimal value for single digit figures '0' is prefixed, for round insert Diameter in mm without decimal value.

10/11 Provision for manufacturers special remarks

10

11

E

X

Back Boring Bar of Specified ISO type.

S

P

Spherical Boring Tool of Specified ISO type.

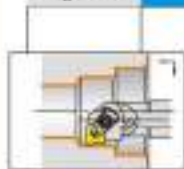
Boring Bar (Thru Coolant)

Boring Bars (Thru Coolant) - Applications

B06-B07 D - Boring bar with top clamping system

Page - B06

A-DCLNR/L-95°



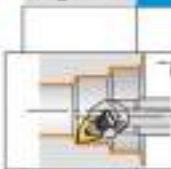
Page - B06

A-DDUNR/L-93°



Page - B07

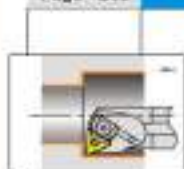
A-DWLNR/L-95°



B08-B09 M - Boring bar with wedge clamping system

Page - B08

A-MTFNR/L-90°



Page - B08

A-MTHNR/L-107.5°



Page - B09

A-MTLNR/L-95°



B10-B13 P - Boring bar with lever clamping system

Page - B10

A-PCKNR/L-75°



Page - B10

A-PCLNR/L-95°



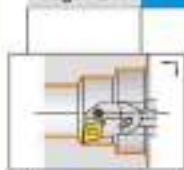
Page - B11

A-PQNR/L-107.5°



Page - B11

A-PDUNR/L-93°



Page - B12

A-PTFNR/L-90°



Page - B12

A-PTUNR/L-93°



Page - B13

A-PWLNR/L-95°



B14-B19 S - Boring bar with screw clamping system

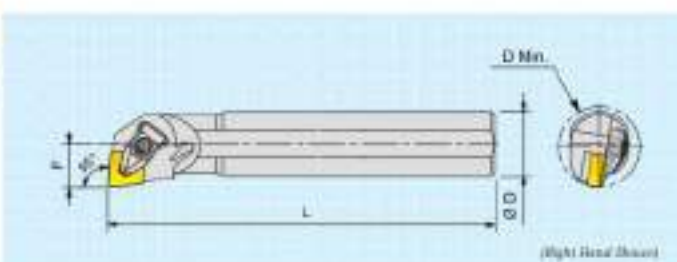


B20 - B23 S - Boring bar shortneck with screw clamping system



Boring Bar (Thru Coolant)

Dimple lock clamping thru coolant boring bar suitable for 90° boring & facing



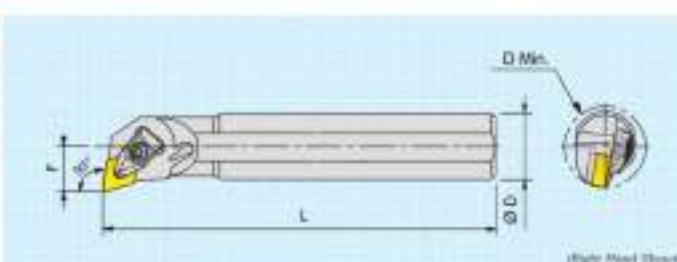
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
A25R DCLNRL 12	25	32	17	250			K126	CNMG 1204-	710461	710462
A32S DCLNRL 12	32	40	22	250			K126	CNMG 1204-	710463	710464
A40T DCLNRL 12	40	50	27	300			K121	CNMG 1204-	710465	710466
A50U DCLNRL 12	50	63	35	350			K121	CNMG 1204-	710467	710468

Spare Parts

Spare Type	Clamp	Clamp Screw	Shim	Shim Screw	Spring		Torx Key	Allen Key
K121	4005	2010	3015	1005	12002		6001	5001
K126	4005	2010	3002	1007	12002		6001	5001

Boring Bar (Thru Coolant)

Dimple lock clamping thru coolant boring bar suitable for internal profiled bores & faces less than 90° greater than 65°



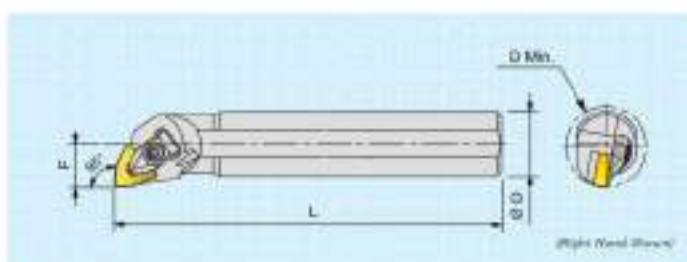
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
A32S DDUNRL 15	32	40	22	250			K136	DNMG 1506-	710543	710544
A40T DDUNRL 15	40	50	27	300			K125	DNMG 1506-	710545	710546
A50U DDUNRL 15	50	63	35	350			K125	DNMG 1506-	710547	710548

Spare Parts

Spare Type	Clamp	Clamp Screw	Shim	Shim Screw	Spring		Torx Key	Allen Key
K136	4005	2010	3005	1007	12002		6001	5001
K125	4005	2010	3016	1005	12002		6001	5001

Dimple lock clamping thru coolant boring bar suitable for 90° boring & Facing

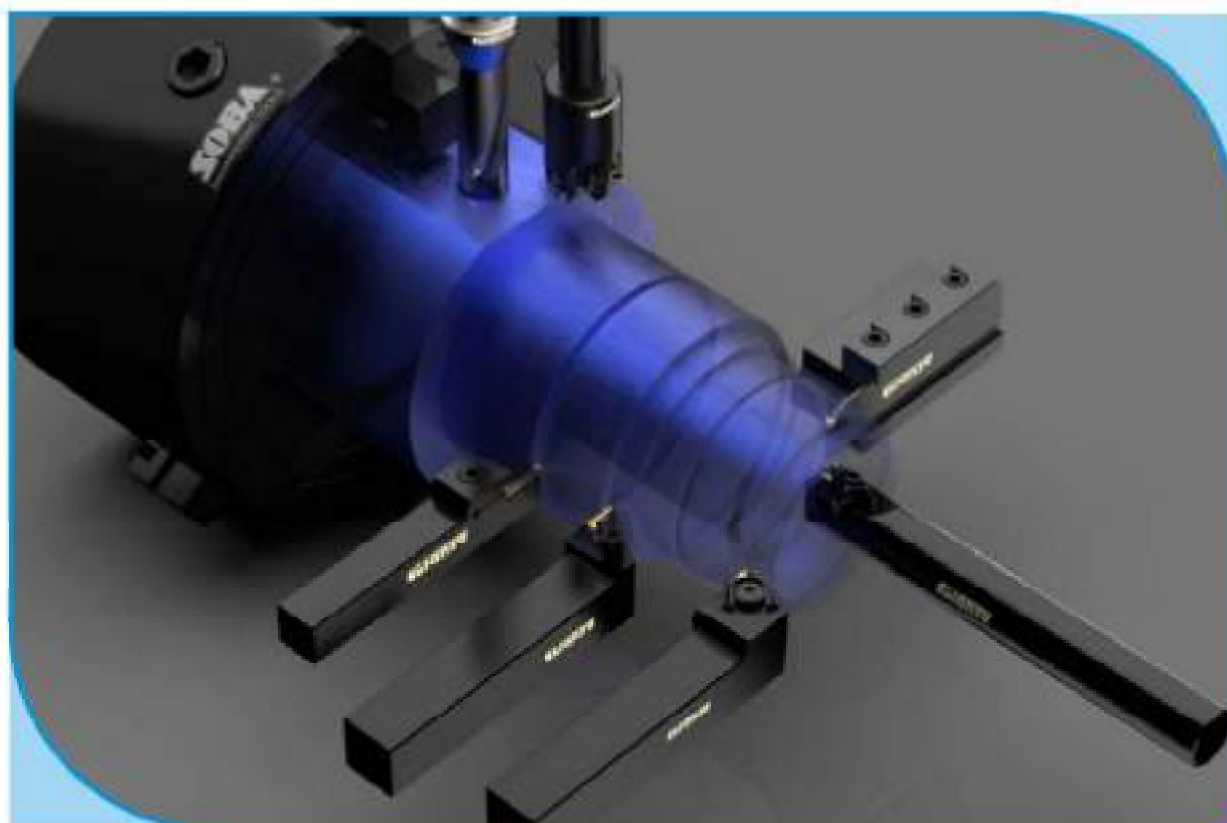
Boring Bar (Thru Coolant)



ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
A25R DWLNRL 08	25	32	17	200			K118	WNMG 0604-	711833	711834
A25R DWLNRL 08	25	32	17	200			K129	WNMG 0804-	711843	711844
A32S DWLNRL 08	32	40	22	250			K129	WNMG 0804-	711845	711846
A40T DWLNRL 08	40	50	27	300			K119	WNMG 0804-	711847	711848
A50U DWLNRL 08	50	63	35	350			K119	WNMG 0804-	711849	711850

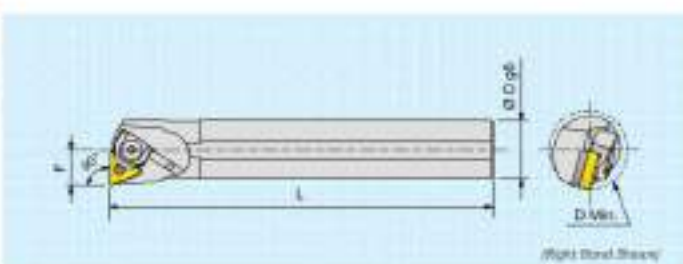
Spare Parts

Spare Type	Clamp	Clamp Screw	Shim	Shim Screw	Spring		Torx Key	Allen Key
K129	4005	2010	3008	1008	12092		6001	5001
K119	4005	2010	3017	1005	12092		6001	5001
K118	4004	2009	3013	1004	12091		6001	5004



Boring Bar (Thru Coolant)

Top wedge clamp / pin boring bar thru coolant suitable for internal profiled bores & faces less than 90° & greater than 70°



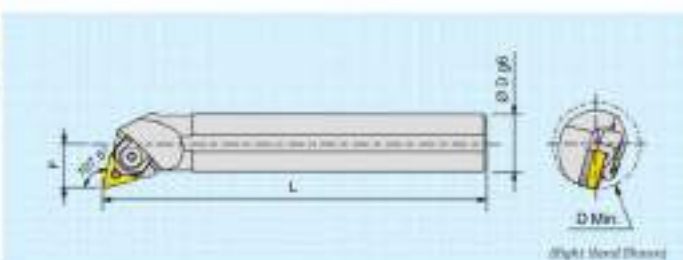
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
A25R MTFNR/L 16	25	32	17	200			K166	TNMG 1604-	710131	710132
A32S MTFNR/L 16	32	40	22	250			K166	TNMG 1604-	710133	710134
A40T MTFNR/L 16	40	50	27	300			K166	TNMG 1604-	710135	710136

Spare Parts

Spare Type	Clamp	Clamp Screw Set	Shim	Shim Pin			Allen Key	Allen Key
K166	4007	2013	3021	11016			5004	5001

Boring Bar (Thru Coolant)

Top wedge clamp / pin boring bar thru coolant suitable for internal profiled bores & faces less than 90° & greater than 70°



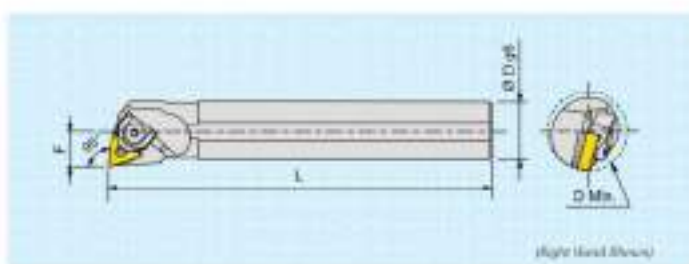
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
A25R MTHNR/L 16	25	32	17	200			K166	TNMG 1604-	710161	710162
A32S MTHNR/L 16	32	40	22	250			K166	TNMG 1604-	710163	710164
A40T MTHNR/L 16	40	50	27	300			K166	TNMG 1604-	710165	710166

Spare Parts

Spare Type	Clamp	Clamp Screw Set	Shim	Shim Pin			Allen Key	Allen Key
K166	4007	2013	3021	11016			5004	5001

Top wedge clamp / pin boring bar thru coolant suitable for internal profiled bores & faces less than 90° & greater than 70°

Boring Bar (Thru Coolant)



ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
A25R MTLNR/L 16	25	32	17	200			K166	TNMG 1604-	710231	710232
A32S MTLNR/L 16	32	40	22	250			K166	TNMG 1604-	710233	710234
A40T MTLNR/L 16	40	50	27	300			K166	TNMG 1604-	710235	710236

Spare Parts

Spare Type	Clamp	Clamp Screw Set	Shim	Shim Pin			Allen Key	Allen Key
K166								
	4007	2013	3021	11016			5004	5001

Notes

This image shows a full page of blank graph paper. The grid consists of small squares formed by thin, light blue horizontal and vertical lines. There are no margins, text, or other markings on the page.

Boring Bar (Thru Coolant)

Lever clamp boring bar thru coolant suitable for thru coolant bores 75° approach utilizing unused 100° corners



(Right Hand Bore)

ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
A16M PCKNRL 09	16	20	11	150			K167	CNMG 0903-	710311	710312
A20Q PCKNRL 09	20	25	13	180			K167	CNMG 0903-	710313	710314
A25R PCKNRL 12	25	32	17	200			K105	CNMG 1204-	710315	710316
A32S PCKNRL 12	32	40	22	250			K105	CNMG 1204-	710325	710326
A40T PCKNRL 12	40	50	27	300			K105	CNMG 1204-	710327	710328
A50U PCKNRL 12	50	63	35	350			K105	CNMG 1204-	710329	710330
A50U PCKNRL 19	50	63	35	350			K122	CNMG 1906-	710341	710342
A60V PCKNRL 19	60	80	43	400			K122	CNMG 1906-	710343	710344

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K167	2003	8001						5003
K105	2004	8002	3002	11001				5001
K122	2005	8003	3003	11002				5002

Boring Bar (Thru Coolant)

Lever clamp boring bar thru coolant suitable for 90° boring & facing



(Right Hand Bore)

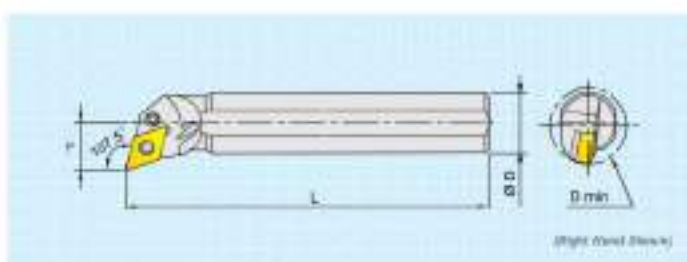
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
A16M PCLNRL 09	16	20	11	150			K167	CNMG 0903-	710411	710412
A20Q PCLNRL 09	20	25	13	180			K167	CNMG 0903-	710413	710414
A25R PCLNRL 12	25	32	17	200			K105	CNMG 1204-	710423	710424
A32S PCLNRL 12	32	40	22	250			K105	CNMG 1204-	710425	710426
A40T PCLNRL 12	40	50	27	300			K105	CNMG 1204-	710427	710428
A50U PCLNRL 12	50	63	35	350			K105	CNMG 1204-	710429	710430
A50U PCLNRL 19	50	63	35	350			K122	CNMG 1906-	710451	710452
A60V PCLNRL 19	60	80	43	400			K122	CNMG 1906-	710453	710454

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K167	2003	8001						5003
K105	2004	8002	3002	11001				5001
K122	2005	8003	3003	11002				5002

Lever clamp boring bar thru coolant suitable for internal profiled bores & faces less than 90° greater than 65°

Boring Bar (Thru Coolant)



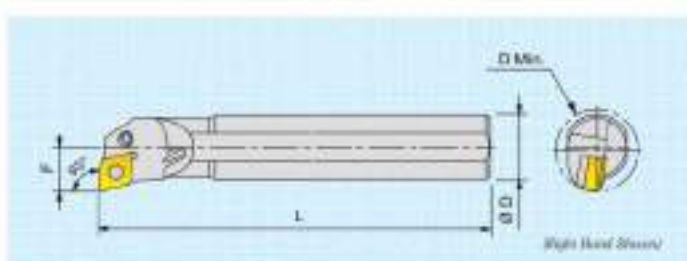
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
A20Q PDQNR/L 11	20	25	13	180			K202	DNMG 1104-	710501	710502
A25R PDQNR/L 11	25	32	17	200			K109	DNMG 1104-	710503	710504
A32S PDQNR/L 15	32	40	22	250			K110	DNMG 1506-	710511	710512
A40T PDQNR/L 15	40	50	27	300			K110	DNMG 1506-	710513	710514
A50U PDQNR/L 15	50	63	35	350			K110	DNMG 1506-	710515	710516

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K109	2006	8004	3004	11003				5004
K110	2007	8005	3005	11001				5001
K202	2035	8012						5003

Lever clamp boring bar thru coolant suitable for internal profiled bores & faces less than 90° greater than 65°

Boring Bar (Thru Coolant)



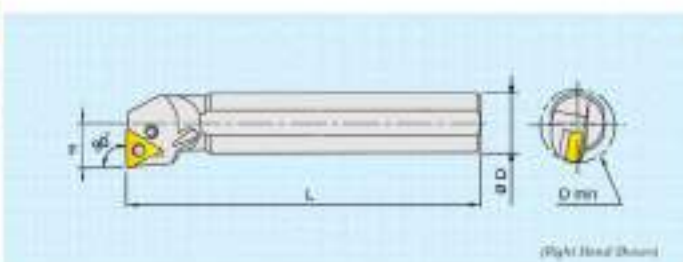
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
A20Q PDUNR/L 11	20	25	13	180			K202	DNMG 1104-	710521	710522
A25R PDUNR/L 11	25	32	17	200			K109	DNMG 1104-	710523	710524
A32S PDUNR/L 15	32	40	22	250			K110	DNMG 1506-	710531	710532
A40T PDUNR/L 15	40	50	27	300			K110	DNMG 1506-	710533	710534
A50U PDUNR/L 15	50	63	35	350			K110	DNMG 1506-	710535	710536

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K109	2006	8004	3004	11003				5004
K110	2007	8005	3005	11001				5001
K202	2035	8012						5003

Boring Bar (Thru Coolant)

Lever clamp boring bar thru coolant suitable for blind bores with 90° Face



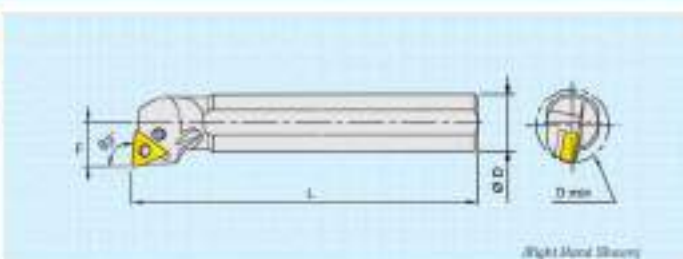
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
A25R PTFNR/L 16	25	32	17	200			K187	TNMG 1604--	710611	710612
A32S PTFNR/L 16	32	40	22	250			K187	TNMG 1604--	710613	710614
A40T PTFNR/L 16	40	50	27	300			K187	TNMG 1604--	710615	710616
A40T PTFNR/L 22	40	50	27	300			K227	TNMG 2204--	710621	710622
A50U PTFNR/L 22	50	63	35	350			K227	TNMG 2204--	710623	710624

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K187	2006	8006	3006	11003				5004
K227	2004	8002	3053	11001				5001

Boring Bar (Thru Coolant)

Lever clamp boring bar thru coolant suitable for blind bores with 90° face



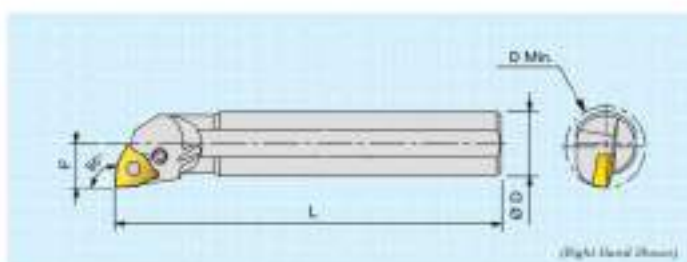
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
A25R PTUNR/L 16	25	32	17	200			K187	TNMG 1604--	710631	710632
A32S PTUNR/L 16	32	40	22	250			K187	TNMG 1604--	710633	710634
A40T PTUNR/L 16	40	50	27	300			K187	TNMG 1604--	710635	710636
A40T PTUNR/L 22	40	50	27	300			K227	TNMG 2204--	710641	710642
A50U PTUNR/L 22	50	63	35	350			K227	TNMG 2204--	710643	710644

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K187	2006	8006	3006	11003				5004
K227	2004	8002	3053	11001				5001

Lever clamp boring bar thru coolant suitable for 90° boring & Facing

Boring Bar (Thru Coolant)



ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L						Right	Left
A20Q PWLNRL 06	20	25	13	180				K123	WNMG 0604-	711855	711856
A25R PWLNRL 08	25	32	17	200				K180	WNMG 0804-	711863	711864
A32S PWLNRL 08	32	40	22	250				K180	WNMG 0804-	711865	711866

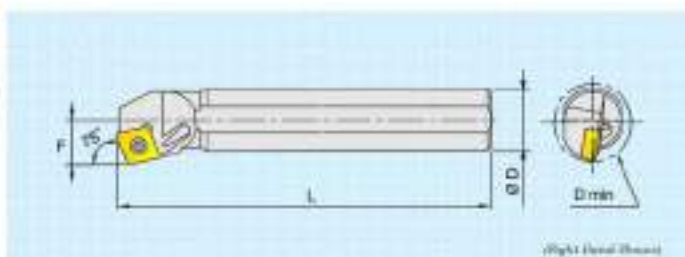
Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K123	2003	8007						5003
K180	2004	8002	3008	11001				5001



Boring Bar (Thru Coolant)

Screw clamp boring bar thru coolant suitable for thru bores 75" approach utilizing unused 100° insert corner



ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L						Right	Left
A05F SCKR/L 06	06	09	4.5	80				K127	CCMT 0602-	710721	710722
A08H SCKR/L 06	08	11	06	100				K127	CCMT 0602-	710723	710724
A10J SCKR/L 06	10	13	07	110				K127	CCMT 0602-	710725	710726
A12K SCKR/L 06	12	16	09	125				K127	CCMT 0602-	710727	710728
A16M SCKR/L 06	16	20	11	150				K102	CCMT 0602-	710729	710730
A16M SCKR/L 09	16	20	11	150				K102	CCMT 09T3-	710743	710744
A20Q SCKR/L 09	20	25	13	180				K102	CCMT 09T3-	710745	710746
A25R SCKR/L 09	25	32	17	200				K102	CCMT 09T3-	710747	710748

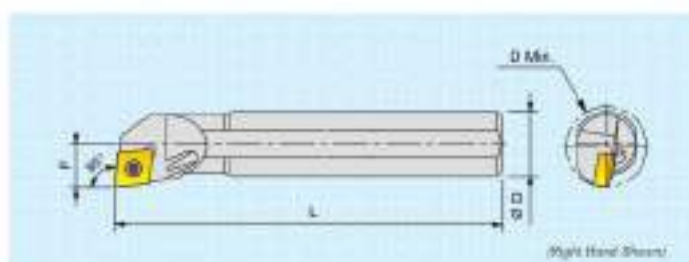
Spare Parts

Spare Type	Torx Screw							Torx Key
								
K127	7003							6002
K102	7006							6001

Notes

Screw clamp boring bar thru coolant suitable for 90° boring & facing

Boring Bar (Thru Coolant)



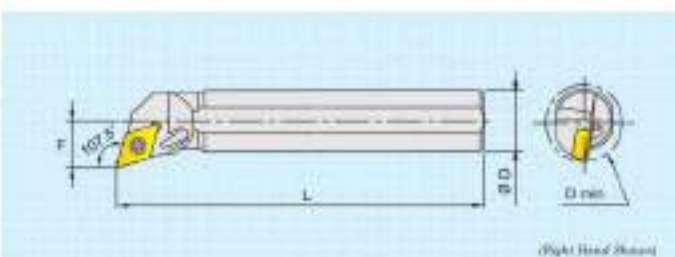
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
A05D SCLDR/L 04	05	07	04	60			K230	CDMT 04T1-	710801	720802
A06F SCLDR/L 04	06	09	4.5	80			K230	CDMT 04T1-	710803	720804
A06F SCLPR/L 05	06	09	4.5	80			K221	CPMT 0502-	710811	720812
A08H SCLPR/L 05	08	10	05	100			K221	CPMT 0502-	710813	720814
A06F SCLCR/L 06	06	09	4.5	80			K127	CCMT 0602-	710821	720822
A08H SCLCR/L 06	08	11	06	100			K127	CCMT 0602-	710823	720824
A10J SCLCR/L 06	10	13	07	110			K127	CCMT 0602-	710825	720826
A12K SCLCR/L 06	12	16	09	125			K127	CCMT 0602-	710827	720828
A16M SCLCR/L 06	16	20	11	150			K127	CCMT 0602-	710829	720830
A16M SCLCR/L 09	16	20	11	150			K102	CCMT 09T3-	710841	710842
A20Q SCLCR/L 09	20	25	13	180			K102	CCMT 09T3-	710843	710844
A25R SCLCR/L 09	25	32	17	200			K102	CCMT 09T3-	710845	710846
A25R SCLCR/L 12	25	32	17	200			K208	CCMT 1204-	710863	710864

Spare Parts

Spare Type	Torx Screw						Torx Key
K230	7024						6003
K221	7003						6002
K127	7003						6002
K102	7006						6001
K208	7010						6004

Boring Bar (Thru Coolant)

Screw clamp boring bar thru coolant suitable for internal profiled bores & faces less than 90° & greater than 65°



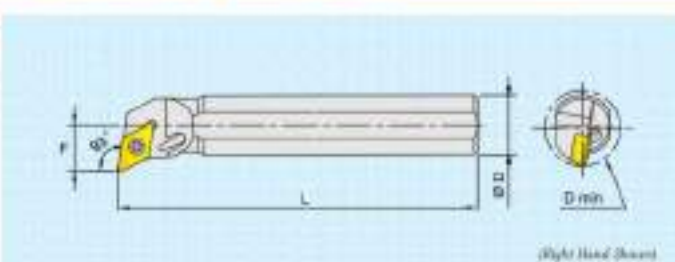
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
A08H SDQCR/L 07	08	11	06	100			K107	DCMT 0702--	710901	710902
A10J SDQCR/L 07	10	14	07	110			K107	DCMT 0702--	710903	710904
A12K SDQCR/L 07	12	16	09	125			K107	DCMT 0702--	710905	710906
A16M SDQCR/L 07	16	20	11	150			K107	DCMT 0702--	710907	710908
A20Q SDQCR/L 07	20	25	13	180			K107	DCMT 0702--	710909	710910
A16M SDQCR/L 11	16	20	11	150			K144	DCMT 11T3--	710911	710912
A20Q SDQCR/L 11	20	25	13	180			K144	DCMT 11T3--	710923	710924
A25R SDQCR/L 11	25	32	17	200			K144	DCMT 11T3--	710925	710926
A32S SDQCR/L 11	32	40	22	250			K144	DCMT 11T3--	710927	710928

Spare Parts

Spare Type	Torx Screw						Torx Key
K107	7003						6002
K144	7006						6001

Boring Bar (Thru Coolant)

Double clamp boring bar thru coolant suitable for internal profiled bores & faces less than 90° & greater than 65°



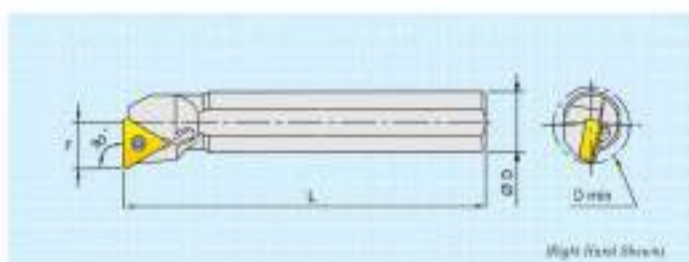
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
A10J SDUCR/L 07	10	14	07	110			K107	DCMT 0702--	710931	710932
A12K SDUCR/L 07	12	16	09	125			K107	DCMT 0702--	710933	710934
A16M SDUCR/L 07	16	20	11	150			K107	DCMT 0702--	710935	710936
A20Q SDUCR/L 07	20	25	13	180			K107	DCMT 0702--	710937	710938
A16M SDUCR/L 11	16	20	11	150			K144	DCMT 11T3--	710951	710952
A20Q SDUCR/L 11	20	25	13	180			K144	DCMT 11T3--	710953	710954
A25R SDUCR/L 11	25	32	17	200			K144	DCMT 11T3--	710955	710956
A32S SDUCR/L 11	32	40	22	250			K144	DCMT 11T3--	710957	710958

Spare Parts

Spare Type	Torx Screw						Torx Key
K107	7003						6002
K144	7006						6001

Screw clamp boring bar thru coolant suitable for blind bores with 90° facing

Boring Bar (Thru Coolant)



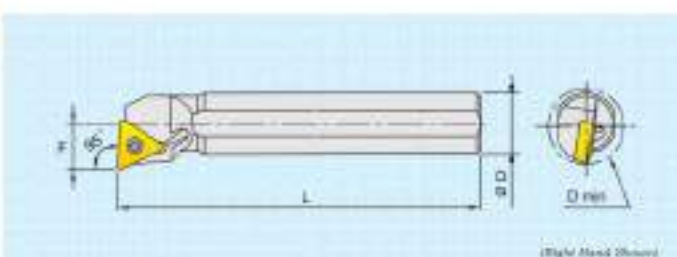
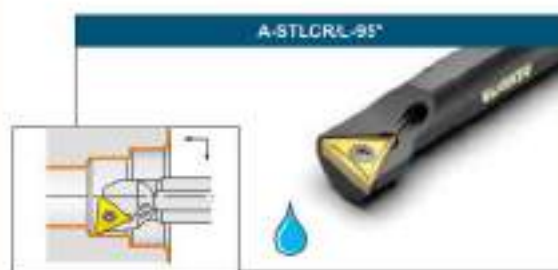
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L					Right	Left
A05D STFCR/L 06	05	08	04	60			K222	TCMT 06T1--	711001	711002
A06F STFCR/L 06	06	09	4.5	80			K223	TCMT 06T1--	711003	711004
A08H STFCR/L 06	08	11	6	100			K223	TCMT 06T1--	711005	711006
A08H STFCR/L 09	08	11	06	100			K224	TCMT 09T2--	711021	711022
A10J STFCR/L 09	10	13	07	110			K224	TCMT 09T2--	711023	711024
A10J STFCR/L 11	10	13	07	110			K148	TCMT 1102--	711031	711032
A12K STFCR/L 11	12	16	09	125			K148	TCMT 1102--	711033	711034
A16M STFCR/L 16	16	20	11	150			K189	TCMT 16T3--	711043	711044
A20Q STFCR/L 16	20	25	13	180			K189	TCMT 16T3--	711045	711046
A25R STFCR/L 16	25	32	17	200			K189	TCMT 16T3--	711047	711048

Spare Parts

Spare Type	Torx Screw							Torx Key
K222	7013							6003
K223	7013							6003
K224	7014							6003
K148	7003							6002
K189	7006							6001

Boring Bar (Thru Coolant)

Screw clamp boring bar thru coolant suitable for blind bores with 90° facing



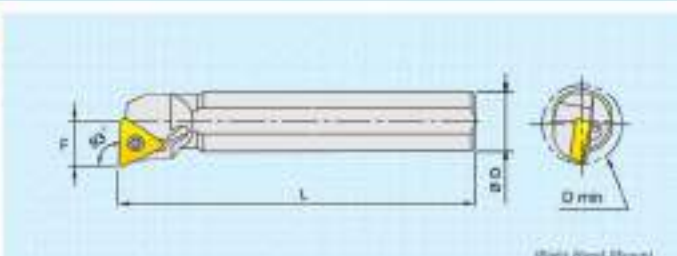
ISO Designation	Dimension (mm)					Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L				Right	Left
A06F STLCRL 06	06	09	4.5	80		K223	TCMT 06T1-	711111	711112
A08H STLCRL 06	08	11	6	100		K223	TCMT 06T1-	711113	711114
A08H STLCRL 09	08	11	06	100		K224	TCMT 0902-	711121	711122
A10J STLCRL 09	10	13	07	110		K224	TCMT 0902-	711123	711124
A10J STLCRL 11	10	13	07	110		K148	TCMT 1102-	711131	711132
A12K STLCRL 11	12	16	09	125		K148	TCMT 1102-	711133	711134
A16M STLCRL 16	16	20	11	150		K189	TCMT 16T3-	711141	711142
A20Q STLCRL 16	20	25	13	180		K189	TCMT 16T3-	711143	711144
A25R STLCRL 16	25	32	17	200		K189	TCMT 16T3-	711145	711146

Spare Parts

Spare Type	Torx Screw							Torx Key
K223	7013							6003
K224	7014							6003
K148	7003							6002
K189	7006							6001

Boring Bar (Thru Coolant)

Screw clamp boring bar thru coolant suitable for blind bores with 90° facing



ISO Designation	Dimension (mm)					Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L				Right	Left
A06F STUCRL 06	06	09	4.5	80		K223	TCMT 06T1-	711211	711212
A08H STUCRL 06	08	11	6	100		K223	TCMT 06T1-	711213	711214
A08H STUCRL 09	08	11	06	100		K224	TCMT 0902-	711221	711222
A10J STUCRL 09	10	13	07	110		K224	TCMT 0902-	711223	711224
A10J STUCRL 11	10	13	07	110		K148	TCMT 1102-	711231	711232
A12K STUCRL 11	12	16	09	125		K148	TCMT 1102-	711233	711234
A16M STUCRL 16	16	20	11	150		K189	TCMT 16T3-	711241	711242
A20Q STUCRL 16	20	25	13	180		K189	TCMT 16T3-	711243	711244
A25R STUCRL 16	25	32	17	200		K189	TCMT 16T3-	711245	711246

Spare Parts

Spare Type	Torx Screw							Torx Key
K223	7013							6003
K224	7014							6003
K148	7003							6002
K189	7006							6001

Screw clamp very deep copy 35° boring bar thru coolant suitable for internal profiled bores & faces less than 90° & greater than 45°

Boring Bar (Thru Coolant)



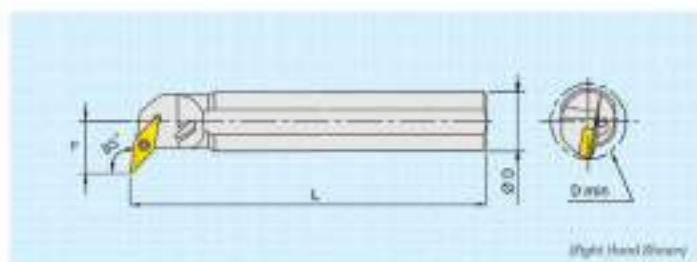
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L						Right	Left
A12K SVQCR/L 11	12	16	09	125				K188	VCMT 1103--	711301	711302
A16M SVQCR/L 11	16	20	11	150				K188	VCMT 1103--	711303	711304
A20Q SVQCR/L 11	20	25	13	180				K188	VCMT 1103--	711305	711306
A25R SVQCR/L 11	25	32	17	200				K188	VCMT 1103--	711307	711308
A32S SVQCR/L 16	32	40	22	250				K191	VCMT 1604--	711311	711312
A40T SVQCR/L 16	40	50	27	300				K191	VCMT 1604--	711313	711314
A50U SVQCR/L 16	50	63	35	350				K191	VCMT 1604--	711315	711316

Spare Parts

Spare Type	Torx Screw							Torx Key
K188	7003							6002
K191	7006							6001

Screw clamp very deep copy 35° boring bar thru coolant suitable for internal profiled bores & faces less than 90° & greater than 45°

Boring Bar (Thru Coolant)



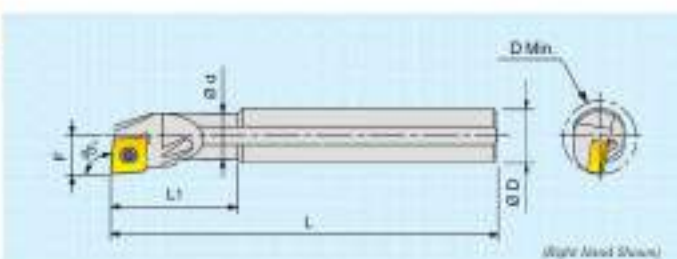
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L						Right	Left
A16M SVUCR/L 11	16	20	11	150				K188	VCMT 1103--	711321	711322
A20Q SVUCR/L 11	20	25	13	180				K188	VCMT 1103--	711323	711324
A25R SVUCR/L 11	25	32	17	200				K188	VCMT 1103--	711325	711326
A32S SVUCR/L 16	32	40	22	250				K191	VCMT 1604--	711331	711332
A40T SVUCR/L 16	40	50	27	300				K191	VCMT 1604--	711333	711334
A50U SVUCR/L 16	50	63	35	350				K191	VCMT 1604--	711335	711336

Spare Parts

Spare Type	Torx Screw							Torx Key
K188	7003							6002
K191	7006							6001

Boring Bar (Thru Coolant)

Screw clamp shortneck boring bar thru coolant suitable for 90° boring & facing



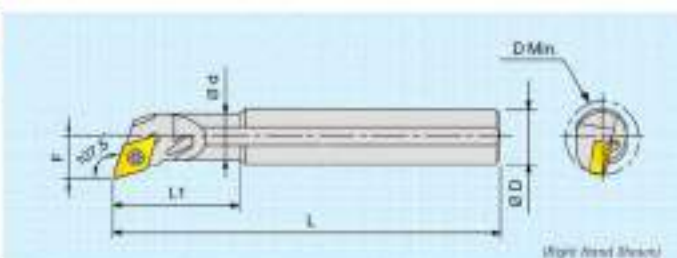
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L	L1	Ø d				Right	Left
A0608H SCLCR/L 06	08	09	4.5	100	25	06		K127	CCMT 0602-	710881	710882
A0810J SCLCR/L 06	10	11	06	110	32	08		K127	CCMT 0602-	710883	710884
A1012K SCLCR/L 06	12	13	07	125	38	10		K127	CCMT 0602-	710885	710886
A1216M SCLCR/L 06	16	16	09	150	50	12		K127	CCMT 0602-	710887	710888
A1216M SCLCR/L 09	16	18	09	150	36	12		K102	CCMT 09T3-	710891	710892
A1620Q SCLCR/L 09	20	23	11	180	48	16		K102	CCMT 09T3-	710893	710894
A2025R SCLCR/L 09	25	28	13	200	60	20		K102	CCMT 09T3	710895	710896

Spare Parts

Spare Type	Torx Screw							Torx Key
K127	7003							6002
K102	7006							6001

Boring Bar (Thru Coolant)

Screw clamp shortneck boring bar thru coolant suitable for internal profiled bores & faces less than 90° & greater than 65°



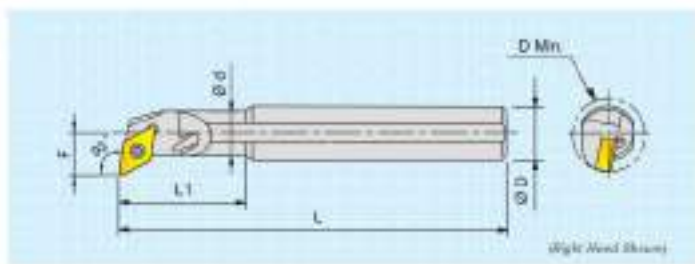
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L	L1	Ø d				Right	Left
A0810J SDQCR/L 07	10	12.5	07	110	22	08		K107	DCMT 0702-	721193	721194
A1012K SDQCR/L 07	12	15.5	09	125	28	10		K107	DCMT 0702-	721195	721196
A1216M SDQCR/L 07	16	19.5	11	150	36	12		K107	DCMT 0702-	721197	721198

Spare Parts

Spare Type	Torx Screw							Torx Key
K107	7003							6002

Screw clamp shortneck boring bar thru coolant suitable for internal profiled bores & faces less than 90° & greater than 65°

Boring Bar (Thru Coolant)



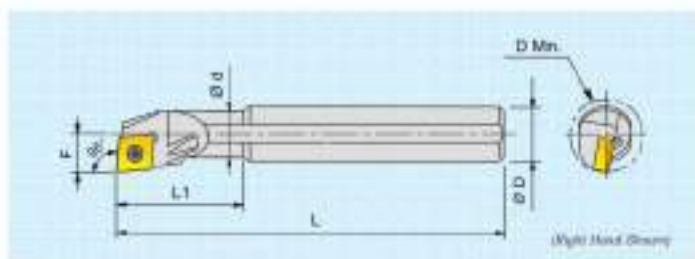
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L	L1	Ø d				Right	Left
A0816J SDUCR/L 07	10	12.5	07	110	22	08		K107	DCMT 0702-	721183	721184
A1012K SDUCR/L 07	12	15.5	09	125	28	10		K107	DCMT 0702-	721185	721186
A1216M SDUCR/L 07	16	19.5	11	150	36	12		K107	DCMT 0702-	721187	721188

Spare Parts

Spare Type	Torx Screw									Torx Key
K107	7003									6002

Screw clamp shortneck thru coolant boring bar suitable for 90° boring & Facing

Boring Bar (Thru Coolant)



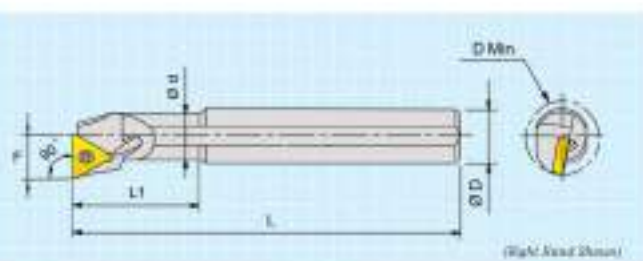
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L	L1	Ø d				Right	Left
A0808H SELPR/L 04	08	09	4.5	100	20	06		K225	EPNW 0402-	710771	710772
A0810J SELPR/L 04	10	11	06	110	26	08		K225	EPNW 0402-	710773	710774
A1012K SELPR/L 04	12	13	07	125	32	10		K225	EPNW 0402-	710775	710776
A1216M SELPR/L 04	16	16	09	150	40	12		K225	EPNW 0402-	710777	710778

Spare Parts

Spare Type	Torx Screw									Torx Key
K225	7013									6003

Boring Bar (Thru Coolant)

Screw clamp shortneck boring bar thru coolant suitable for blind bores with 90° facing



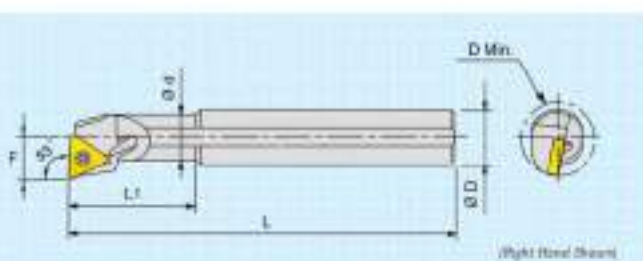
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L	L1	Ø d			Right	Left
A0810J STFCRL 11	10	12.5	07	110	25	08	K148	TCMT 1102-	711273	711274
A1012K STFCRL 11	12	16	09	125	32	10	K148	TCMT 1102-	711275	711276
A1216M STFCRL 11	16	20	11	150	40	12	K148	TCMT 1102-	711277	711278

Spare Parts

Spare Type	Torx Screw								Torx Key
K148	7003								6002

Boring Bar (Thru Coolant)

Screw clamp shortneck boring bar thru coolant suitable for blind bores with 90° facing



ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	Ø D g6	D Min.	F	L	L1	Ø d			Right	Left
A0810J STUCRL 11	10	12.5	07	110	25	08	K148	TCMT 1102-	711263	711264
A1012K STUCRL 11	12	16	09	125	32	10	K148	TCMT 1102-	711265	711266
A1216M STUCRL 11	16	20	11	150	40	12	K148	TCMT 1102-	711267	711268

Spare Parts

Spare Type	Torx Screw								Torx Key
K148	7003								6002



Glanze

Indexable Tool Holders

TURNING Tool

INNOVATION AT WORK

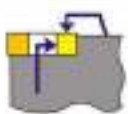
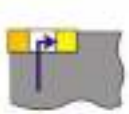
www.glanze.com

ISO Code Key

Turning Tool

1	2	3	4	5	6	7	8	9	10	11
P	C	L	N	R	20	20	K	12		

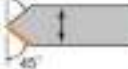
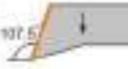
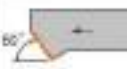
1 Type of Clamping

 C Top Clamp	 M Multi Lock	 P Lever Lock	 S Screw Clamp
---	--	--	---

2 Shape of Insert

 A Parallelogram	 B Parallelogram	 C Diamond	 D Diamond	 E Diamond	 H Hexagon	 K Parallelogram	 L Rectangle	 M Diamond
 O Octagon	 P Pentagon	 R Round	 S Square	 T Triangle	 V Diamond	 W Trigon	 X Special	

3 Style of Tool

 A	 B	 C	 D	 E
 F	 G	 H	 J	 K
 L	 M	 N	 Q	 R
 S	 T	 U	 V	 W
 X	 Y	 Z		

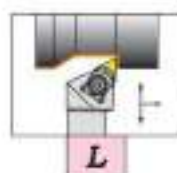
4 Clearance Angle of Insert

 A	 B	 C	 D	 E	 F	 G	 N	 O	 P
--	--	--	--	--	--	---	--	--	--

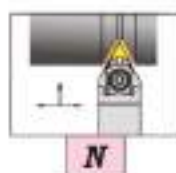
Turning Tool

ISO Code Key

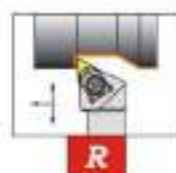
5 Hand of Cutting



Left Hand
Cutting



Right Hand
and Left Hand
Cutting



Right Hand
Cutting

6 Shank Height (mm)



20

Numerical code designating shank height in mm without decimal value for single digit figure '0' is prefixed.

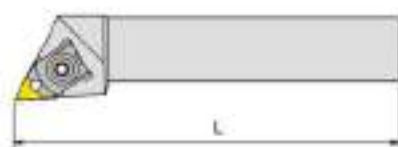
7 Shank Breadth (mm)



20

Numerical code designating shank breadth in mm without decimal value for single digit figure '0' is prefixed.

8 Overall Length of Turning Tool (mm)



A

32

B

40

C

50

D

60

E

70

F

80

G

90

H

100

J

110

K

125

L

140

M

150

N

160

P

170

Q

180

R

200

S

250

T

300

U

350

V

400

W

450

X

Special

Y

500

Z

600

9 Length of Cutting Edge, Inscribed Circle Diameter of Insert (mm)



ABK
Parallelogram



CDEM
Diamond



H
Hexagon



L
Rectangle



O
Octagon



P
Pentagon



R
Round



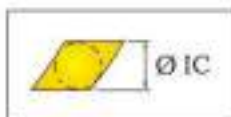
S
Square



T
Triangle



W
Trigon



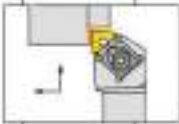
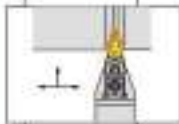
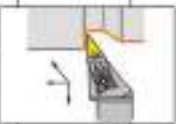
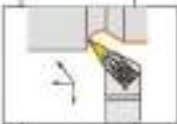
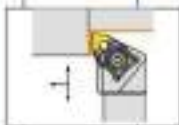
Numerical code representing size of insert cutting edge length in mm, neglecting decimal value for single digit figures '0' is prefixed. for round insert Diameter in mm without decimal value.

10/11 Provision for manufacturers special remarks

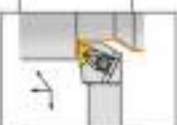
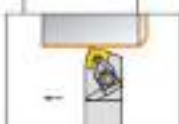
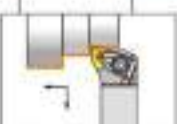
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Turning Tools - Applications

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C15-C16 M - Turning tool with screw clamping system



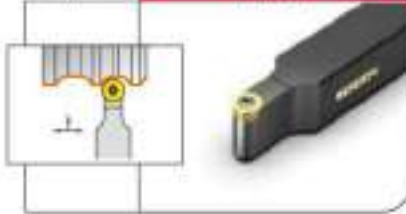
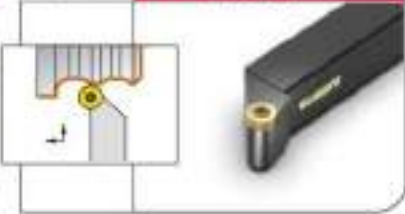
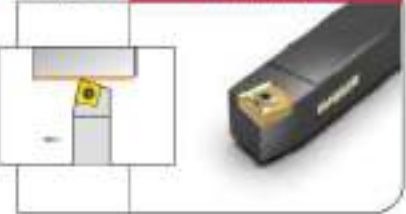
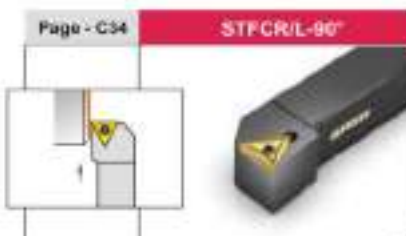
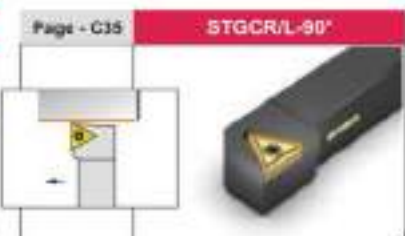
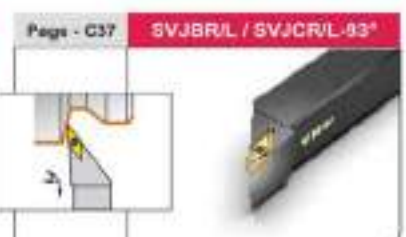
C17-C23 P - Turning tool with lever clamping system





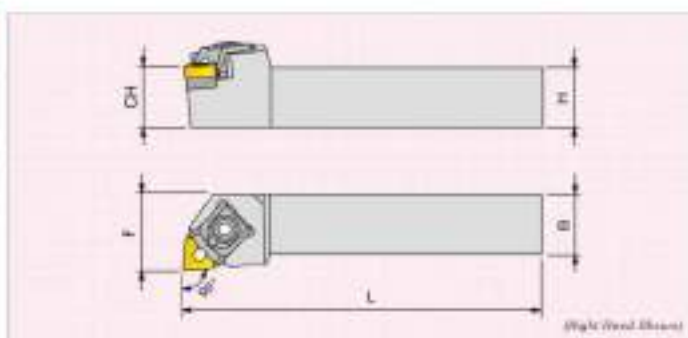
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Turning Tool

Wedge clamping 95° turning tool holder suitable for turning & facing 90° shoulders. It ensures good rigidity & chip flow in roughing application



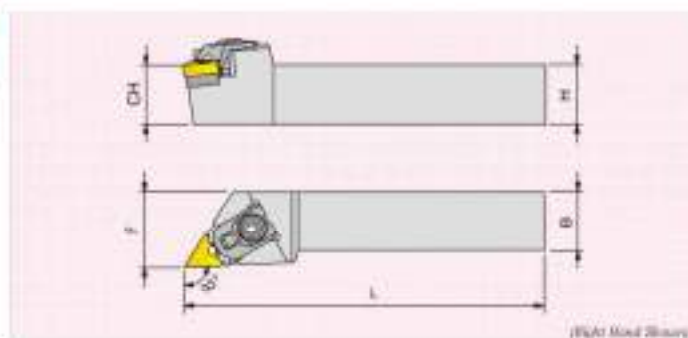
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MCLNR/L 2525 M12	25	25	32	150			K133	CNMG 1204-	771092	771093
MCLNR/L 3232 P12	32	32	40	170			K133	CNMG 1204-	771094	771095

Spare Parts

Spare Type	Clamp	Clamp Screw Set	Shim	Shim Pin			Allen Key	Allen Key
K133	4015	2023	3040	11011			5002	5001

Turning Tool

Wedge clamping square shank heavy duty 55° deep copy turning. It ensures good rigidity & chip flow in roughing application



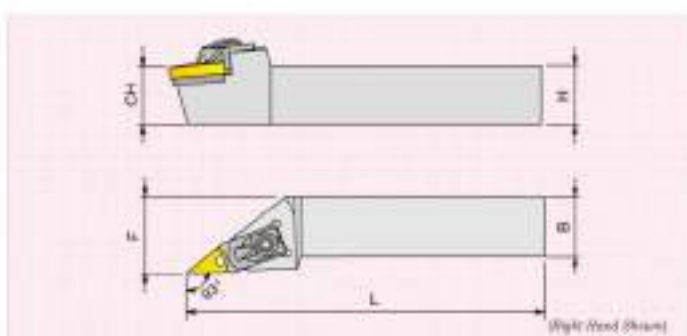
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MDJNR/L 2020 K15	20	20	25	125			K134	DNMG 1506--	771060	771061
MDJNR/L 2525 M15	25	25	32	150			K134	DNMG 1506--	771062	771063
MDJNR/L 3232 P15	32	32	40	170			K134	DNMG 1506--	771064	771065

Spare Parts

Spare Type	Clamp	Clamp Screw Set	Shim	Shim Pin			Allen Key	Allen Key
K134	4016	2024	3041	11012			5002	5001

Wedge clamping square shank heavy duty 35° deep copy turning. It ensures good rigidity & chip flow in roughing application

Turning Tool



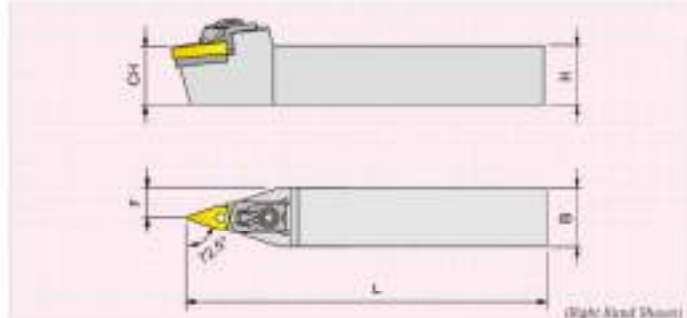
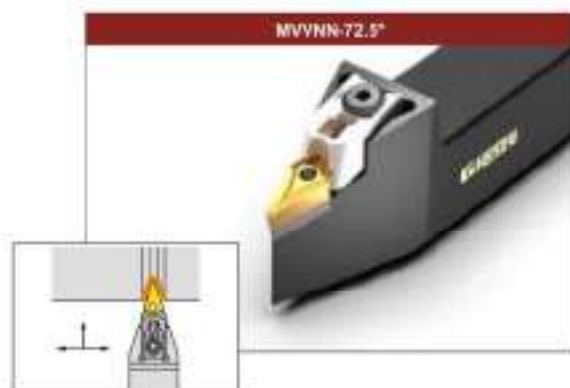
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MVJNR/L 2020 K16	20	20	25	125				K181	VNMG 1604--	771341	771342
MVJNR/L 2525 M16	25	25	32	150				K181	VNMG 1604--	771343	771344
MVJNR/L 3232 P16	32	32	40	170				K181	VNMG 1604--	771345	771346

Spare Parts

Spare Type	Clamp	Clamp Screw Set	Shim	Shim Pin				Allen Key	Allen Key
K181	4019	2027	3044	11015				5004	5001

Wedge clamping square shank heavy duty 35° deep grooving & turning. It ensures good rigidity & chip flow in roughing application

Turning Tool



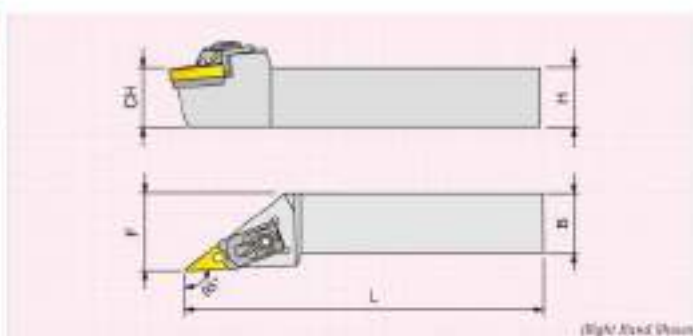
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MVVNN 2525 M16	25	25	12.5	150				K181	VNMG 1604--	771333
MVVNN 3232 P16	32	32	16	170				K181	VNMG 1604--	771334

Spare Parts

Spare Type	Clamp	Clamp Screw Set	Shim	Shim Pin				Allen Key	Allen Key
K181	4019	2027	3044	11015				5004	5001

Turning Tool

Wedge clamping square shank heavy duty 35° deep copy turning. It ensures good rigidity & chip flow in roughing application



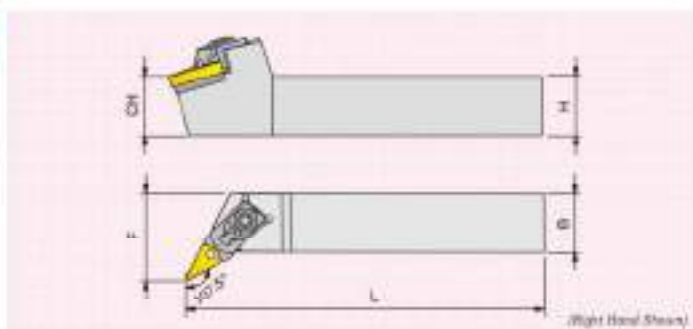
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MVLNR/L 2525 M16	25	25	32	150			K181	VNMG 1604--	771213	771214
MVLNR/L 3232 P16	32	32	40	170			K181	VNMG 1604--	771215	771216

Spare Parts

Spare Type	Clamp	Clamp Screw Set	Shim	Shim Pin			Allen Key	Allen Key
K181								
	4019	2027	3044	11015			5004	5001

Turning Tool

Wedge clamping square shank heavy duty 35° deep copy turning. It ensures good rigidity & chip flow in roughing application



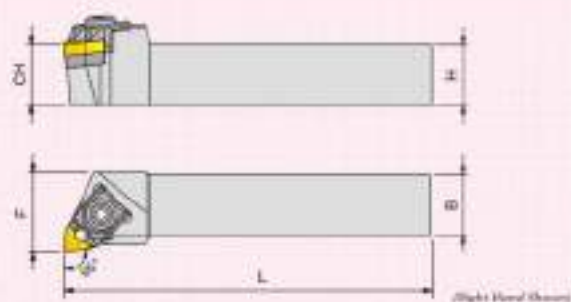
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MYQNR/L 3232 P16	32	32	40	170			K181	VNMG 1604--	771223	771224

Spare Parts

Spare Type	Clamp	Clamp Screw Set	Shim	Shim Pin			Allen Key	Allen Key
K181								
	4019	2027	3044	11015			5004	5001

Turning Tool

Wedge clamping 95° turning tool holder suitable for turning & facing 90° shoulders. It ensures good rigidity & chip flow in roughing application



ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
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MWLNRL 2020 K06	20	20	25	125			K135	WNMG 0604--	771407	771408
MWLNRL 2525 M06	25	25	32	150			K135	WNMG 0604--	771409	771410
MWLNRL 2020 K08	20	20	25	125			K128	WNMG 0804--	771411	771412
MWLNRL 2525 M08	25	25	32	150			K128	WNMG 0804--	771413	771414
MWLNRL 3232 P08	32	32	40	170			K128	WNMG 0804--	771417	771418

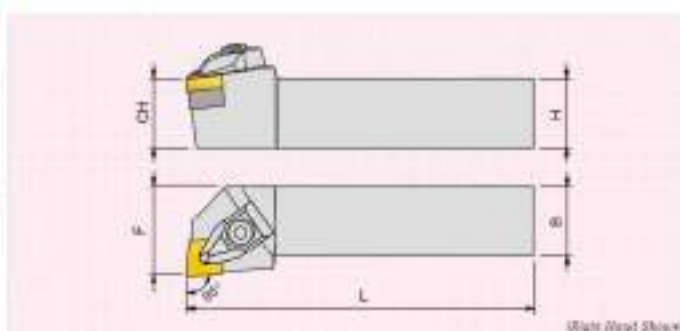
Spare Parts

Spare Type	Clamp	Clamp Screw Set	Shim	Shim Pin			Allen Key	Allen Key
								
K135	4017	2025	3042	11013			5004	5001
K128	4018	2026	3043	11014			5002	5001

Notes

Turning Tool

Dimple lock clamping 95° turning tool holder suitable for turning & facing 90° shoulders. It ensures good rigidity & chip flow in roughing application



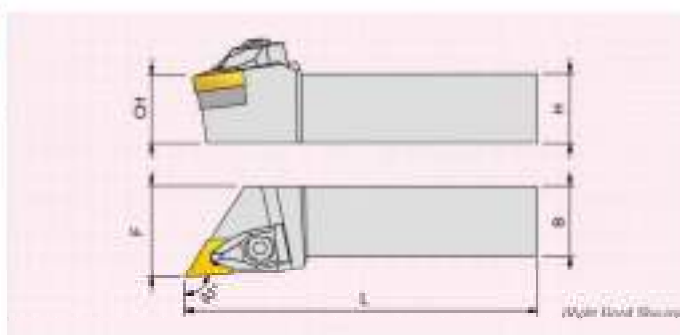
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DCLNR/L 2525 M12	25	25	32	150			K121	CNMG 1204--	771783	771784
DCLNR/L 3232 P12	32	32	40	170			K121	CNMG 1204--	771785	771786

Spare Parts

Spare Type	Clamp	Clamp Screw	Shim	Shim Screw	Spring		Torx Key	Allen Key
K121								
	4005	2010	3015	1005	12002		6001	5001

Turning Tool

Dimple lock clamping square shank heavy duty 55° deep copy turning. It ensures good rigidity & chip flow in roughing application



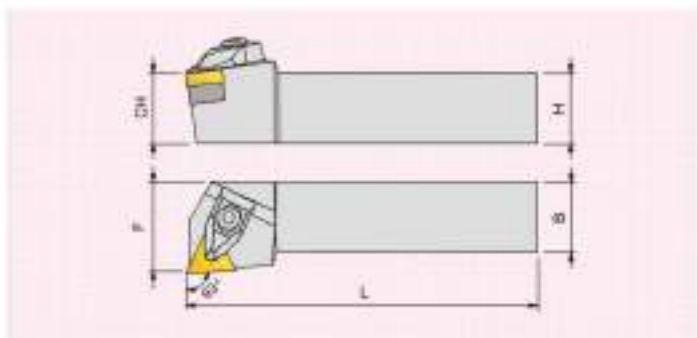
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DDJNR/L 2525 M11	25	25	32	150			K124	DNMG 1104--	771975	771976
DDJNR/L 2020 K15	20	20	25	125			K125	DNMG 1506--	771981	771982
DDJNR/L 2525 M15	25	25	32	150			K125	DNMG 1506--	771983	771984
DDJNR/L 3232 P15	32	32	40	170			K125	DNMG 1506--	771985	771986

Spare Parts

Spare Type	Clamp	Clamp Screw	Shim	Shim Screw	Spring		Torx Key	Allen Key
K124								
	4004	2009	3014	1004	12001		6001	5004
K125								
	4005	2010	3016	1006	12002		6001	5001

Dimple lock clamping turning tool holder suitable for 90° turning tool
It ensures that good rigidity & chip flow in roughing application

Turning Tool



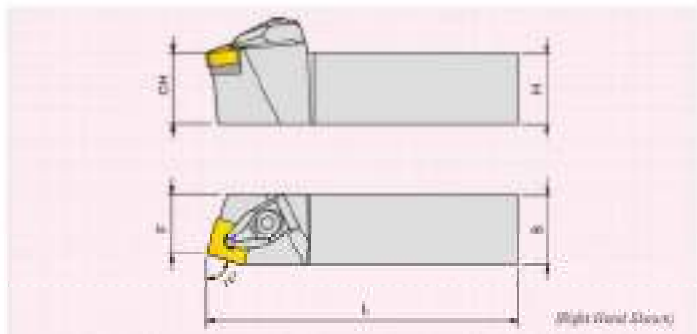
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DTJNR/L 2525 M16	25	25	32	150			K228	TNMG 1604--	771115	771116
DTJNR/L 3232 P16	32	32	40	170			K228	TNMG 1604--	771117	771118

Spare Parts

Spare Type	Clamp	Clamp Screw	Shim	Shim Screw	Spring		Torx Key	Allen Key
K228	4004	2009	3006	1004	12001		6001	5004

Dimple lock clamping turning tool holder suitable for 75° through turning
It ensures that good rigidity & chip flow in roughing application

Turning Tool



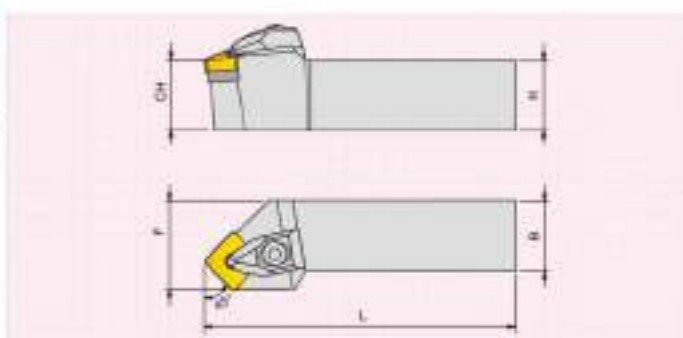
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DSBNR/L 2525 M12	25	25	22	150			K120	SNMG 1204--	772655	772656
DSBNR/L 3232 P12	32	32	27	170			K120	SNMG 1204--	772659	772660

Spare Parts

Spare Type	Clamp	Clamp Screw	Shim	Shim Screw	Spring		Torx Key	Allen Key
K120	4005	2010	3020	1005	12002		6001	5001

Turning Tool

Dimple lock clamping turning tool holder suitable for 45° through turning, facing & chamfering tool.



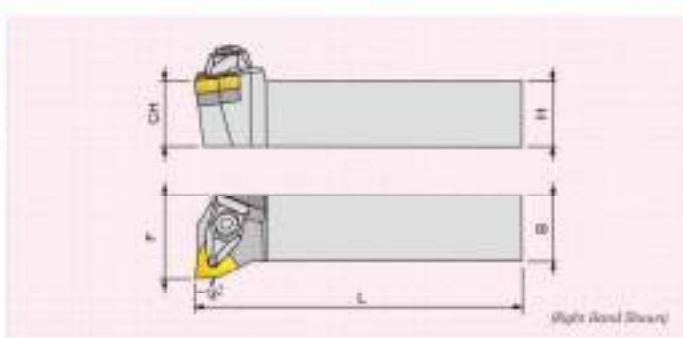
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DSSNR/L 2525 M12	25	25	32	150			K120	SNMG 1204-	772615	772616
DSSNR/L 3232 P12	32	32	40	170			K120	SNMG 1204-	772619	772620

Spare Parts

Spare Type	Clamp	Clamp Screw	Shim	Shim Screw	Spring		Torx Key	Allen Key
K120	4005	2010	3020	1005	12002		6001	5001

Turning Tool

Dimple lock clamping 95° turning tool holder suitable for turning & facing 90° shoulders, it ensures good rigidity & chip flow in roughing application



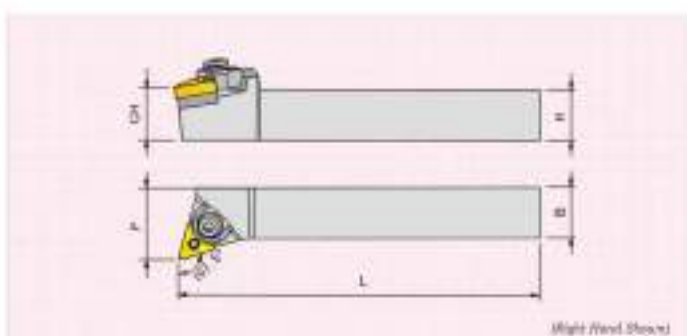
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DWLNR/L 2525 M06	25	25	32	150			K118	WNMG 0804-	773073	773074
DWLNR/L 2020 K08	20	20	25	125			K119	WNMG 0804-	773081	773082
DWLNR/L 2525 M08	25	25	32	150			K119	WNMG 0804-	773083	773084
DWLNR/L 3232 P08	32	32	40	170			K119	WNMG 0804-	773085	773086

Spare Parts

Spare Type	Clamp	Clamp Screw	Shim	Shim Screw	Spring		Torx Key	Allen Key
K118	4004	2009	3013	1004	12001		6001	5004
K119	4005	2010	3017	1005	12002		6001	5001

Square shank medium duty high economy 60° copy turning tool holder

Turning Tool



(Right Hand Shown)

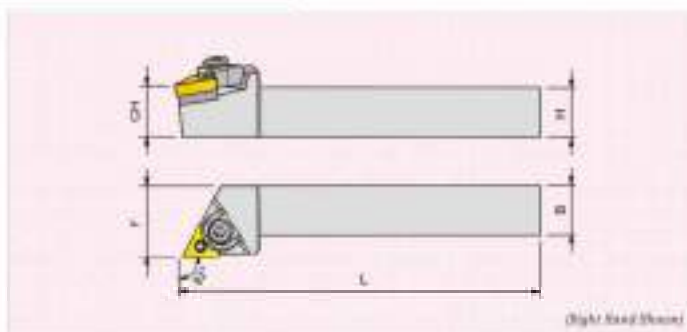
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MTHNRL 2525 M16	25	25	32	150				K165	TNMG 1604--	771013	771014
MTHNRL 3232 P16	32	32	40	170				K165	TNMG 1604--	771015	771016
MTHNRL 2525 M22	25	25	32	150				K229	TNMG 2204--	771021	771022
MTHNRL 3232 P22	32	32	40	170				K229	TNMG 2204--	771025	771026

Spare Parts

Spare Type	Clamp	Clamp Screw Set	Shim	Shim Pin	Pin Screw		Allen Key	Allen Key
K165	4007	2013	3021	11004	9001		5004	5001
K229	4022	2013	3034	11019	1013			5001

Square shank medium duty high economy 60° copy turning tool holder

Turning Tool



(Right Hand Shown)

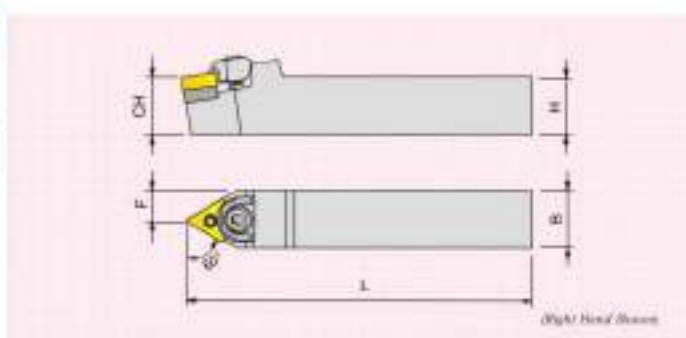
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MTJNRL 2525 M16	25	25	32	150				K165	TNMG 1604--	771033	771034
MTJNRL 3232 P16	32	32	40	170				K165	TNMG 1604--	771035	771036
MTJNRL 2525 M22	25	25	32	150				K229	TNMG 2204--	771041	771042
MTJNRL 3232 P22	32	32	40	170				K229	TNMG 2204--	771045	771046

Spare Parts

Spare Type	Clamp	Clamp Screw Set	Shim	Shim Pin	Pin Screw		Allen Key	Allen Key
K165	4007	2013	3021	11004	9001		5004	5001
K229	4022	2013	3034	11019	1013			5001

Turning Tool

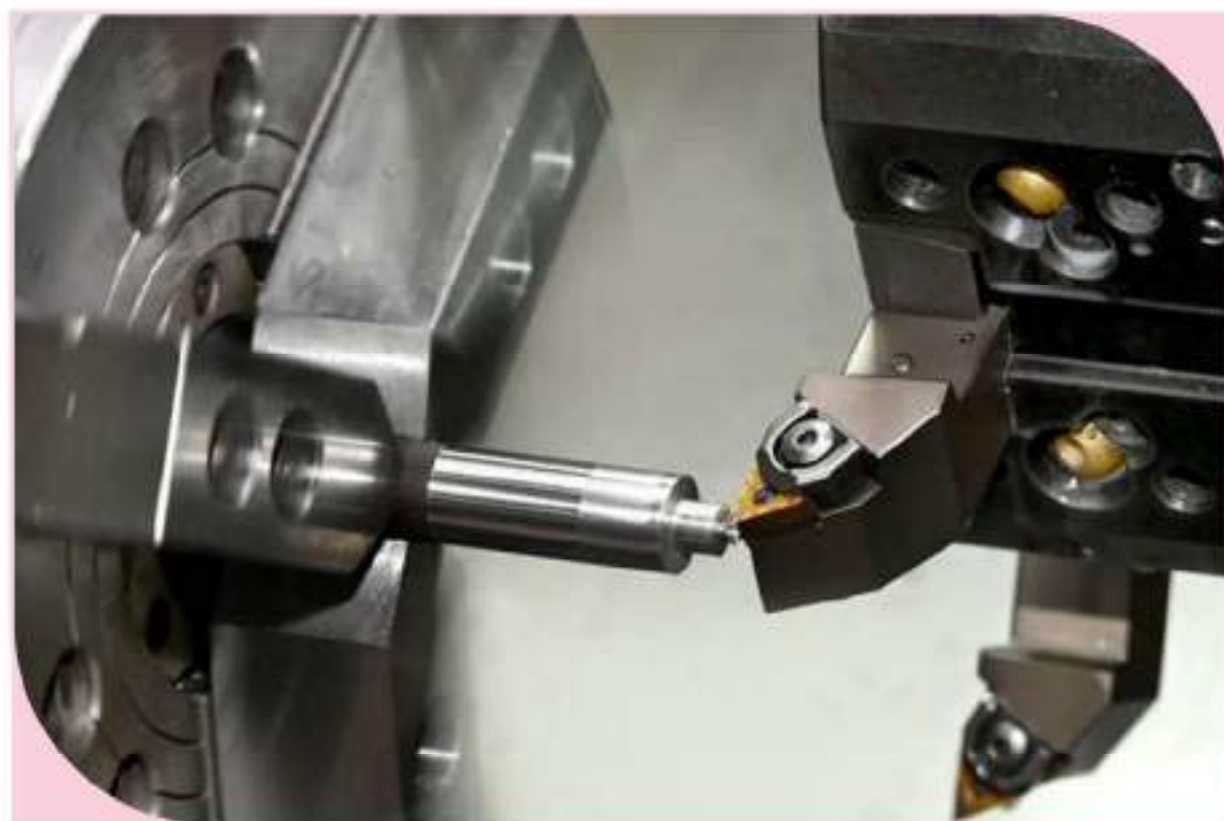
90° Turning tool suitable for 60° copying slide



ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
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MTENN 2525 M16	25	25	12.5	150				K165	TNMG 1604~	771153
MTENN 3225 P16	32	25	12.5	170				K165	TNMG 1604~	771155
MTENN 2525 M22	25	25	12.5	160				K229	TNMG 2204~	771161
MTENN 3225 P22	32	25	12.5	170				K229	TNMG 2204~	771165

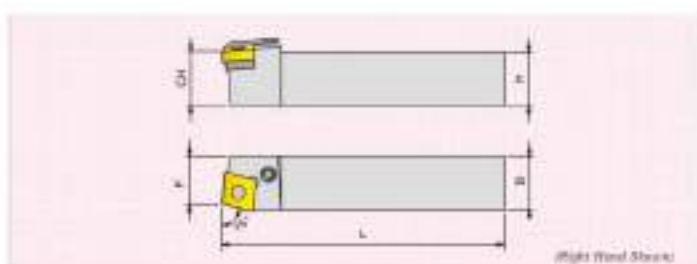
Spare Parts

Spare Type	Clamp	Clamp Screw Set	Shim	Shim Pin	Pin Screw		Allen Key	Allen Key
K165	4007	2013	3021	11004	9001		5004	5001
K229	4022	2013	3034	11019	1013			5001



Lever clamp 75° thru turning suitable for unused 100° corners of CNMG insert

Turning Tool



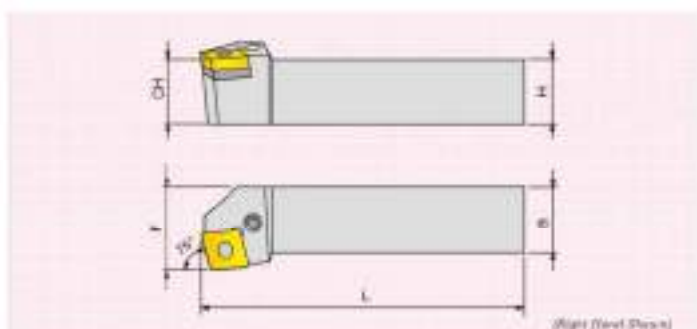
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PCBNRL 2525 M12	25	25	22	150			K105	CNMG 1204--	771513	771514
PCBNRL 3232 P19	32	32	27	170			K122	CNMG 1906--	771521	771522
PCBNRL 4040 S19	40	40	37	250			K122	CNMG 1906--	771523	771524

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K105	2004	8002	3002	11001				5001
K122	2005	8003	3003	11002				5002

Lever clamp 75° facing tool suitable for unused 100° corners of CNMG insert for turning & facing 90° shoulders

Turning Tool



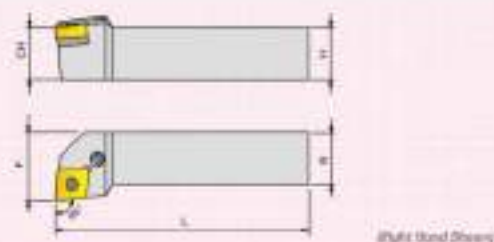
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
PCKNRL 2020 K12	20	20	25	125			K105	CNMG 1204--	771611	771612
PCKNRL 2525 M12	25	25	32	150			K105	CNMG 1204--	771613	771614
PCKNRL 3232 P19	32	32	40	170			K122	CNMG 1906--	771631	771632

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K105	2004	8002	3002	11001				5001
K122	2005	8003	3003	11002				5002

Turning Tool

Lever clamp 95° turning tool holder suitable for turning & facing 90° shoulders



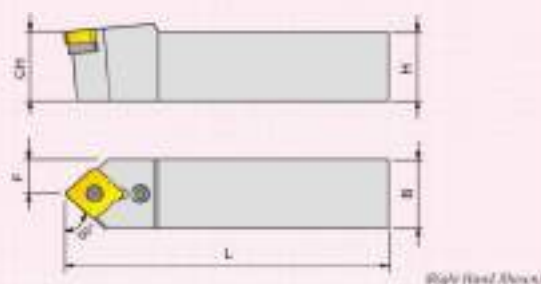
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
PCLNR/L 1616 H12	16	16	20	100			K105	CNMG 1204-	771651	771652
PCLNR/L 2020 K12	20	20	25	125			K105	CNMG 1204-	771653	771654
PCLNR/L 2525 M12	25	25	32	150			K105	CNMG 1204-	771655	771656
PCLNR/L 3225 P12	32	25	32	170			K105	CNMG 1204-	771657	771658
PCLNR/L 3225 P19	32	25	32	170			K122	CNMG 1906-	771671	771672
PCLNR/L 3232 P19	32	32	40	170			K122	CNMG 1906-	771673	771674
PCLNR/L 4040 S19	40	40	50	250			K122	CNMG 1906-	771675	771676

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K105	2004	8002	3002	11001				5001
K122	2005	8003	3003	11002				5002

Turning Tool

Lever clamp turning tool holder suitable for 50° V Turning



ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
PCMNN 2020 K12	20	20	10	125			K105	CNMG 1204-	771751	
PCMNN 2525 M12	25	25	12.5	150			K105	CNMG 1204-	771753	
PCMNN 3232 P19	32	32	16	170			K122	CNMG 1906-	771771	
PCMNN 4040 S19	40	40	20	250			K122	CNMG 1906-	771773	

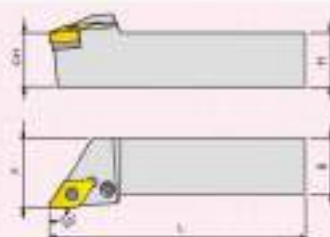
Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K105	2004	8002	3002	11001				5001
K122	2005	8003	3003	11002				5002

Glanze Indexable Tool Holders

Lever clamp square shank heavy duty 55° deep copy turning

Turning Tool



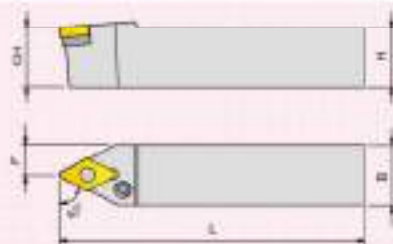
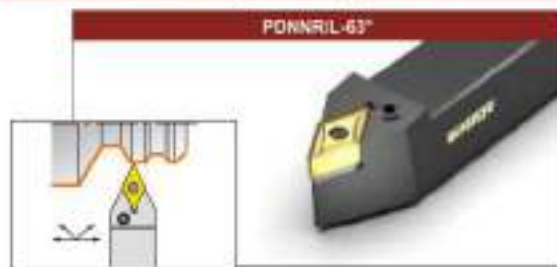
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
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PDJNR/L 1616 M11	16	16	20	100			K109	DNMG 1104--	771811	771812
PDJNR/L 2020 K11	20	20	25	125			K109	DNMG 1104--	771813	771814
PDJNR/L 2525 M11	25	25	32	150			K109	DNMG 1104--	771815	771816
PDJNR/L 3225 P11	32	25	32	170			K109	DNMG 1104--	771817	771818
PDJNR/L 2020 K15	20	20	25	125			K110	DNMG 1506--	771821	771822
PDJNR/L 2525 M15	25	25	32	150			K110	DNMG 1506--	771823	771824
PDJNR/L 3225 P15	32	25	32	170			K110	DNMG 1506--	771825	771826
PDJNR/L 3232 P15	32	32	40	170			K110	DNMG 1506--	771827	771828
PDJNR/L 4040 R15	40	40	50	200			K110	DNMG 1506--	771829	771830

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K109	2006	8004	3004	11003				5004
K110	2007	8005	3005	11001				5001

Lever clamp square shank heavy duty 55° deep copy turning tool holder suitable for 30° copy slide

Turning Tool



ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
PDNRR/L 2020 K11	20	20	10.5	125			K109	DNMG 1184--	771951	771952
PDNRR/L 2525 M11	25	25	13	150			K109	DNMG 1184--	771953	771954
PDNRR/L 3225 P11	32	25	13	170			K109	DNMG 1184--	771955	771956
PDNRR/L 2525 M15	25	25	13	150			K110	DNMG 1586--	771961	771962
PDNRR/L 3225 P15	32	25	13	170			K110	DNMG 1586--	771963	771964
PDNRR/L 3232 P15	32	32	16.5	170			K110	DNMG 1586--	771965	771966
PDNRR/L 4040 R15	40	40	20.5	200			K110	DNMG 1586--	771967	771968

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K109	2006	8004	3004	11003				5004
K110	2007	8005	3005	11001				5001

Turning Tool

Lever clamp turning tool holder suitable for 75° through turning



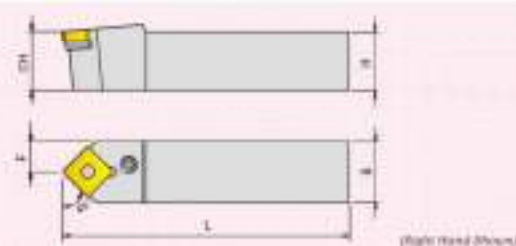
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
PSBNR/L 1616 H12	16	16	13	100			K113	SNMG 1204-	772221	772222
PSBNR/L 2020 K12	20	20	17	125			K113	SNMG 1204-	772223	772224
PSBNR/L 2525 M12	25	25	22	150			K113	SNMG 1204-	772225	772226
PSBNR/L 3225 P12	32	25	22	170			K113	SNMG 1204-	772227	772228
PSBNR/L 3232 P19	32	32	27	170			K193	SNMG 1906-	772241	772242
PSBNR/L 4040 S19	40	40	37	250			K193	SNMG 1906-	772243	772244

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K113	2004	8002	3009	11001				5001
K193	2005	8003	3052	11002				5002

Turning Tool

Lever clamp turning tool holder suitable for 90° V turning



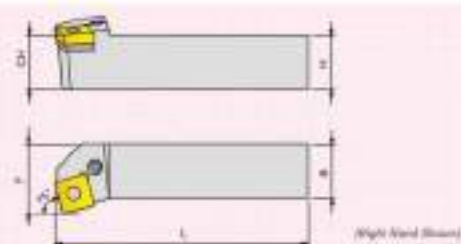
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.
	H=CH	B	F	L					
PSDNN 2020 K12	20	20	10	125			K113	SNMG 1204-	772351
PSDNN 2525 M12	25	25	12.5	150			K113	SNMG 1204-	772353
PSDNN 3225 P12	32	25	12.5	170			K113	SNMG 1204-	772355
PSDNN 3232 P19	32	32	16	170			K193	SNMG 1906-	772371

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K113	2004	8002	3009	11001				5001
K193	2005	8003	3052	11002				5002

Lever clamp turning tool holder suitable for 75° through facing

Turning Tool



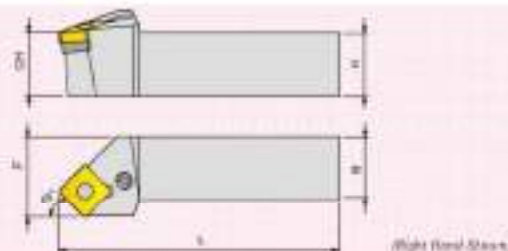
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
PSKNR/L 2020 K12	20	20	25	125			K113	SNMG 1204-	772421	772422
PSKNR/L 2525 M12	25	25	32	150			K113	SNMG 1204-	772423	772424
PSKNR/L 3225 P12	32	25	32	170			K113	SNMG 1204-	772425	772426
PSKNR/L 3232 P19	32	32	40	170			K193	SNMG 1906-	772441	772442
PSKNR/L 4040 S19	40	40	50	250			K193	SNMG 1906-	772443	772444

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K113	2004	8002	3009	11001				5001
K193	2005	8003	3052	11002				5002

Lever clamp turning tool holder suitable for 45° through turning, facing & chamfering tool

Turning Tool



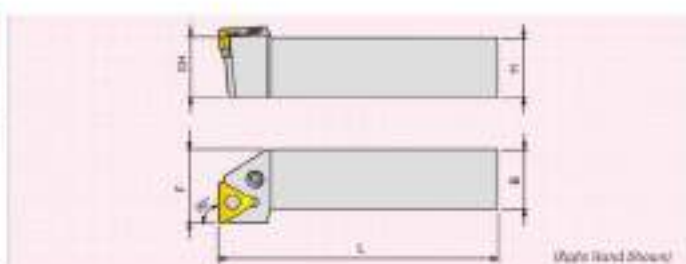
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
PSSNR/L 1616 H12	16	16	20	100			K113	SNMG 1204-	772661	772662
PSSNR/L 2020 K12	20	20	25	125			K113	SNMG 1204-	772663	772664
PSSNR/L 2525 M12	25	25	32	150			K113	SNMG 1204-	772665	772666
PSSNR/L 3225 P12	32	25	32	170			K113	SNMG 1204-	772667	772668
PSSNR/L 3232 P19	32	32	40	170			K193	SNMG 1906-	772681	772682
PSSNR/L 4040 S19	40	40	50	250			K193	SNMG 1906-	772683	772684

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K113	2004	8002	3009	11001				5001
K193	2005	8003	3052	11002				5002

Turning Tool

Lever clamp turning tool holder suitable for 90° facing



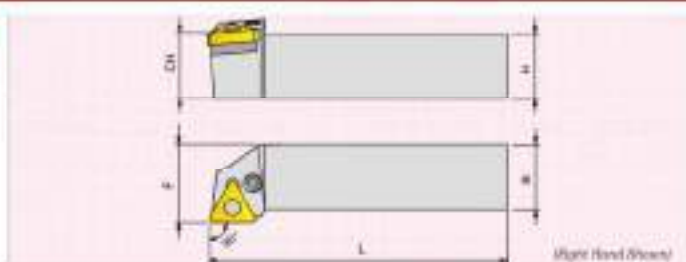
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
PTFNR/L 1616 H16	16	16	20	100			K187	TNMG 1604-	772751	772752
PTFNR/L 2020 K16	20	20	25	125			K187	TNMG 1604-	772753	772754
PTFNR/L 2525 M16	25	25	32	150			K187	TNMG 1604-	772755	772756
PTFNR/L 2525 M22	25	25	32	150			K227	TNMG 2204-	772761	772762
PTFNR/L 3225 P22	32	25	32	170			K227	TNMG 2204-	772763	772764
PTFNR/L 3232 P22	32	32	40	170			K227	TNMG 2204-	772765	772766
PTFNR/L 4040 S22	40	40	50	250			K227	TNMG 2204-	772767	772768

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin			Allen Key
K187	2006	8006	3006	11003			5004
K227	2004	8002	3053	11001			5001

Turning Tool

Lever clamp turning tool holder suitable for 90° turning tool



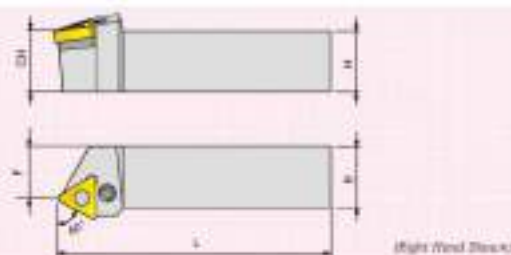
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
PTGNR/L 1616 H16	16	16	20	100			K187	TNMG 1604-	772811	772812
PTGNR/L 2020 K16	20	20	25	125			K187	TNMG 1604-	772813	772814
PTGNR/L 2525 M16	25	25	32	150			K187	TNMG 1604-	772815	772816
PTGNR/L 3225 P16	32	25	32	170			K187	TNMG 1604-	772817	772818
PTGNR/L 2525 M22	25	25	32	150			K227	TNMG 2204-	772821	772822
PTGNR/L 3225 P22	32	25	32	170			K227	TNMG 2204-	772823	772824
PTGNR/L 3232 P22	32	32	40	170			K227	TNMG 2204-	772825	772826

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin			Allen Key
K187	2006	8006	3006	11003			5004
K227	2004	8002	3053	11001			5001

Lever clamp turning tool holder suitable for 60° turning

Turning Tool



ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
PTTNRL 1616 H16	16	16	13	100			K187	TNMG 1604-	772911	772912
PTTNRL 2020 K16	20	20	17	125			K187	TNMG 1604-	772913	772914
PTTNRL 2525 M16	25	25	22	150			K187	TNMG 1604-	772915	772916
PTTNRL 3225 P22	32	25	22	170			K227	TNMG 2204-	772921	772922
PTTNRL 3232 P22	32	32	27	170			K227	TNMG 2204-	772923	772924

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K187	2006	8006	3006	11003				5004
K227	2004	8002	3053	11001				5001

Lever clamp turning tool holder suitable for 90° facing & turning

Turning Tool



ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
PVLNRL 1616 H06	16	16	20	100			K179	WNMG 0604-	773031	773032
PVLNRL 2020 K06	20	20	25	125			K179	WNMG 0604-	773033	773034
PVLNRL 2525 M06	25	25	32	150			K179	WNMG 0604-	773035	773036
PVLNRL 2020 K08	20	20	25	125			K180	WNMG 0804-	773041	773042
PVLNRL 2525 M08	25	25	32	150			K180	WNMG 0804-	773043	773044
PVLNRL 3232 P08	32	32	40	170			K180	WNMG 0804-	773045	773046

Spare Parts

Spare Type	Lever Screw	Lever	Shim	Shim Pin				Allen Key
K179	2006	8006	3010	11003				5004
K180	2004	8002	3008	11001				5001

Turning Tool

Profiling tool holder for semifinishing operations. It is equipped with rhombic positive insert 80°. It ensures good rigidity & stability.



(Right Hand Shown)

ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
SCBCR/L 0808 D06	08	08	07	60			K127	CCMT 0602--	773153	773154
SCBCR/L 1010 E06	10	10	09	70			K127	CCMT 0602--	773155	773156
SCBCR/L 1212 F09	12	12	10	80			K102	CCMT 09T3--	773169	773170
SCBCR/L 1616 H09	16	16	13	100			K102	CCMT 09T3--	773171	773172
SCBCR/L 2020 K12	20	20	17	125			K208	CCMT 1204--	773377	773378
SCBCR/L 2525 M12	25	25	22	150			K208	CCMT 1204--	773379	773380

Spare Parts

Spare Type	Torx Screw								Torx Key
K127	7003								6002
K102	7006								6001
K208	7010								6004

Turning Tool

Mini turning tool



(Right Hand Shown)

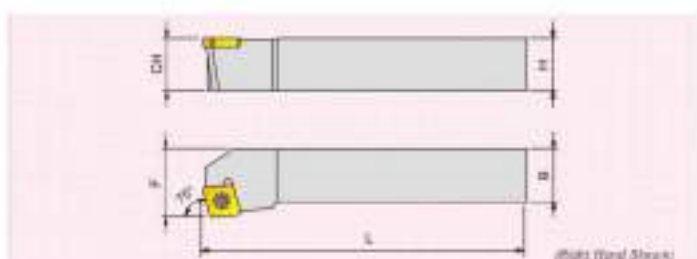
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
SCGCR/L 0808 D06	08	08	10	60			K127	CCMT 0602--	773113	773114
SCGCR/L 1010 E06	10	10	12	70			K127	CCMT 0602--	773115	773116
SCGCR/L 1212 F09	12	12	16	80			K102	CCMT 09T3--	773121	773122
SCGCR/L 1616 H09	16	16	20	100			K102	CCMT 09T3--	773125	773126
SCGCR/L 2020 K12	20	20	25	125			K208	CCMT 1204--	773131	773132
SCGCR/L 2525 M12	25	25	32	150			K208	CCMT 1204--	773133	773134

Spare Parts

Spare Type	Torx Screw								Torx Key
K127	7003								6002
K102	7006								6001
K208	7010								6004

Profiling tool holder for semifinishing operations. It equipped with rhombic positive insert 80° that generate low cutting force

Turning Tool



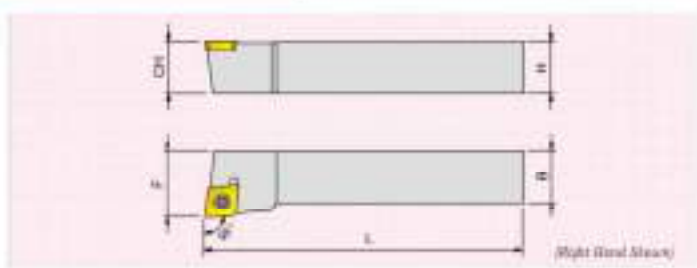
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
SCKCR/L 0606 D06	06	06	10	60			K127	CCMT 0602--	773207	773208
SCKCR/L 0808 D06	08	08	10	60			K127	CCMT 0602--	773211	773212
SCKCR/L 1010 E06	10	10	12	70			K127	CCMT 0602--	773213	773214
SCKCR/L 1212 F06	12	12	16	80			K127	CCMT 0602--	773215	773216
SCKCR/L 1616 H06	16	16	20	100			K127	CCMT 0602--	773217	773218
SCKCR/L 1616 H09	16	16	20	100			K102	CCMT 09T3--	773221	773222
SCKCR/L 2020 K09	20	20	25	125			K102	CCMT 09T3--	773223	773224
SCKCR/L 2525 M09	25	25	32	150			K102	CCMT 09T3--	773225	773226

Spare Parts

Spare Type	Torx Screw								Torx Key
									
K127	7003								6002
K102	7006								6001

Mini 90° facing & turning tool.

Turning Tool



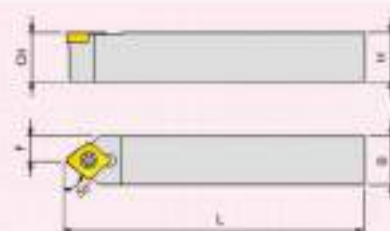
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
SCLCR/L 0606 D06	06	06	10	60			K127	CCMT 0602--	773231	773232
SCLCR/L 0808 D06	08	08	10	60			K127	CCMT 0602--	773233	773234
SCLCR/L 1010 E06	10	10	12	70			K127	CCMT 0602--	773235	773236
SCLCR/L 1212 F06	12	12	16	80			K127	CCMT 0602--	773237	773238
SCLCR/L 1212 F09	12	12	16	80			K102	CCMT 09T3--	773239	773240
SCLCR/L 1616 H06	16	16	20	100			K127	CCMT 0602--	773241	773242
SCLCR/L 1616 H09	16	16	20	100			K102	CCMT 09T3--	773243	773244
SCLCR/L 2020 K09	20	20	25	125			K102	CCMT 09T3--	773245	773246
SCLCR/L 2020 K12	20	20	25	125			K208	CCMT 1204--	773251	773252
SCLCR/L 2525 M12	25	25	32	150			K208	CCMT 1204--	773253	773254

Spare Parts

Spare Type	Torx Screw								Torx Key
									
K127	7003								6002
K102	7006								6001
K208	7010								6004

Turning Tool

Mini chamfering & "V" turning tool, It equipped with rhombic positive insert 80° that generate low cutting force



(Right Hand Shown)

ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L						
SCMCN 0606 D06	06	06	04	60			K127	CCMT 0602~	773311	
SCMCN 0808 D06	08	08	04	60			K127	CCMT 0602~	773312	
SCMCN 1010 E06	10	10	05	70			K127	CCMT 0602~	773313	
SCMCN 1212 F06	12	12	06	80			K127	CCMT 0602~	773314	
SCMCN 1212 F09	12	12	06	80			K102	CCMT 09T3~	773321	

Spare Parts

Spare Type	Torx Screw								Torx Key
K127	7003								6002
K102	7006								6001

Turning Tool

Mini chamfering & "V" turning tool, It equipped with rhombic positive insert 80° that generate low cutting force



(Right Hand Shown)

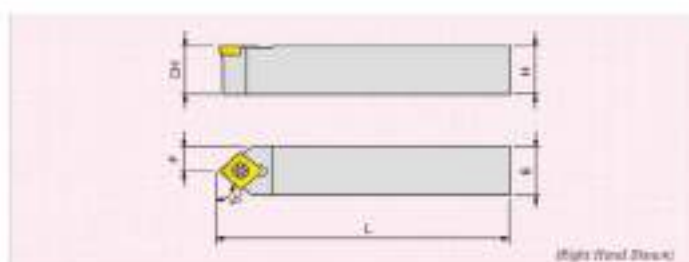
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
SCNCR/L 0808 D06	08	08	4.5	60			K127	CCMT 0602~	773331	773332
SCNCR/L 1010 E06	10	10	5.5	70			K127	CCMT 0602~	773333	773334
SCNCR/L 1212 F06	12	12	6.5	80			K127	CCMT 0602~	773335	773336
SCNCR/L 1212 F09	12	12	6.5	80			K102	CCMT 09T3~	773341	773342
SCNCR/L 1616 H09	16	16	8.5	100			K102	CCMT 09T3~	773345	773346

Spare Parts

Spare Type	Torx Screw								Torx Key
K127	7003								6002
K102	7006								6001

Mini chamfering & "V" turning tool. It equipped with rhombic positive insert 80° that generate low cutting force

Turning Tool



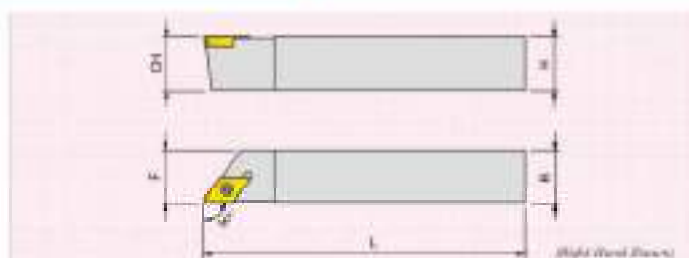
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
SCSCR/L 0606 D06	06	06	4.2	60			K127	CCMT 0602--	773351	773352
SCSCR/L 0808 D06	08	08	4.2	60			K127	CCMT 0602--	773353	773354
SCSCR/L 1010 E08	10	10	5.2	70			K127	CCMT 0602--	773355	773356
SCSCR/L 1212 F06	12	12	6.2	80			K127	CCMT 0602--	773357	773358
SCSCR/L 1212 F09	12	12	6.2	80			K102	CCMT 0913--	773361	773362

Spare Parts

Spare Type	Torx Screw						Torx Key
K127	7003						6002
K102	7006						6001

It equipped with rhombic positive insert 55° that generate low cutting force

Turning Tool



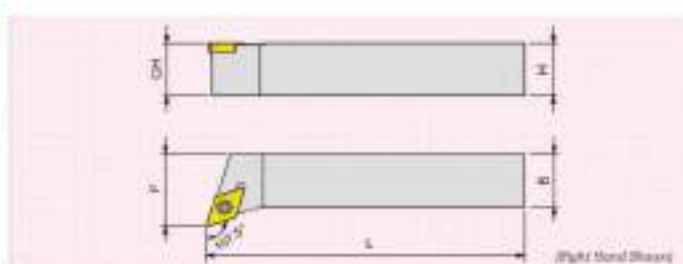
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
SDACR/L 1010 E07	10	10	10	70			K107	DCMT 0702--	773731	773732
SDACR/L 1212 F07	12	12	12	80			K107	DCMT 0702--	773733	773734
SDACR/L 1616 H07	16	16	16	100			K107	DCMT 0702--	773735	773736
SDACR/L 1616 H11	16	16	16	100			K144	DCMT 11T3--	773741	773742
SDACR/L 2020 K11	20	20	20	125			K144	DCMT 11T3--	773743	773744
SDACR/L 2525 M11	25	25	25	150			K144	DCMT 11T3--	773745	773746

Spare Parts

Spare Type	Torx Screw						Torx Key
K107	7003						6002
K144	7006						6001

Turning Tool

It equipped with rhombic positive insert 55° that generate low cutting force



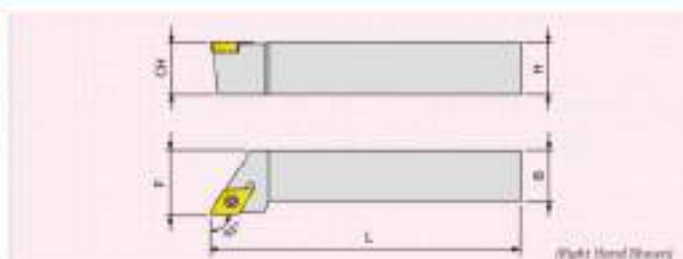
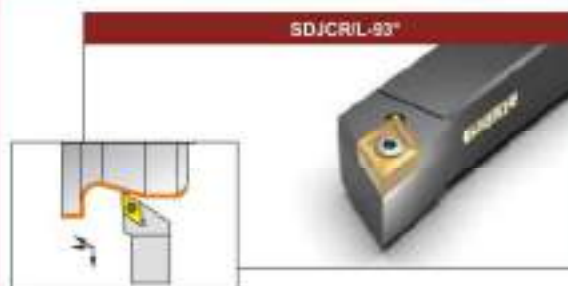
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
SDHCR/L 1010 E07	10	10	12	70			K107	DCMT 0702~	773411	773412
SDHCR/L 1212 F07	12	12	16	80			K107	DCMT 0702~	773413	773414
SDHCR/L 1616 H07	16	16	20	100			K107	DCMT 0702~	773417	773418
SDHCR/L 1616 H11	16	16	20	100			K144	DCMT 11T3~	773512	773514
SDHCR/L 2020 K11	20	20	25	125			K144	DCMT 11T3~	773523	773524
SDHCR/L 2525 M11	25	25	32	150			K144	DCMT 11T3~	773525	773526

Spare Parts

Spare Type	Torx Screw							Torx Key
K107	7003							6002
K144	7006							6001

Turning Tool

It equipped with rhombic positive insert 55° that generate low cutting force



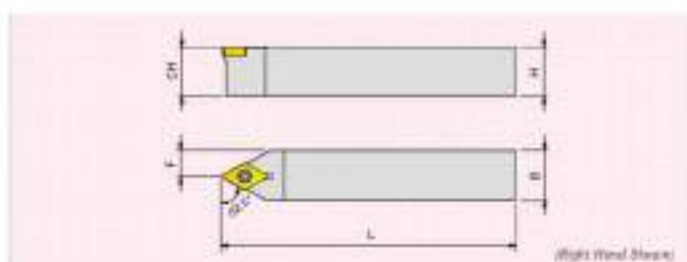
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
SDJCR/L 1010 E07	10	10	12	70			K107	DCMT 0702~	773611	773612
SDJCR/L 1212 F07	12	12	16	80			K107	DCMT 0702~	773613	773614
SDJCR/L 1616 H07	16	16	20	100			K107	DCMT 0702~	773615	773616
SDJCR/L 1616 H11	16	16	20	100			K144	DCMT 11T3~	773621	773622
SDJCR/L 2020 K11	20	20	25	125			K144	DCMT 11T3~	773623	773624
SDJCR/L 2525 M11	25	25	32	150			K144	DCMT 11T3~	773625	773626

Spare Parts

Spare Type	Torx Screw							Torx Key
K107	7003							6002
K144	7006							6001

Mini copy, 'v' grooving & turning tool, It equipped with rhombic positive insert 55° that generate low cutting force

Turning Tool



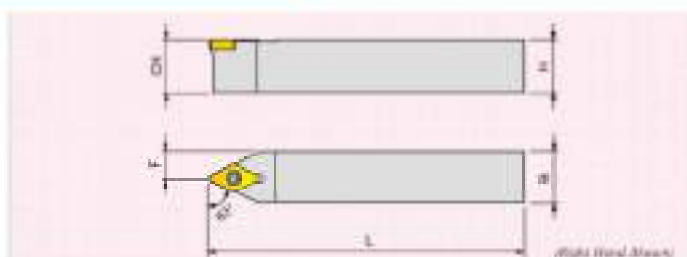
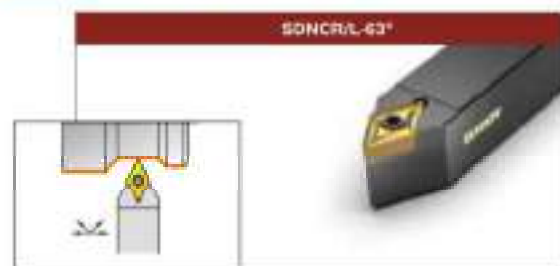
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
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SDNCN 0808 D07	08	08	04	60			K107	DCMT 0762--	773701	
SDNCN 0808 D07	08	08	04	60			K107	DCMT 0762--	773702	
SDNCN 1010 E07	10	10	05	70			K107	DCMT 0762--	773703	
SDNCN 1212 F07	12	12	06	80			K107	DCMT 0762--	773704	
SDNCN 1212 F11	12	12	06	80			K144	DCMT 1113--	773705	
SDNCN 1616 H11	16	16	08	100			K144	DCMT 1113--	773706	

Spare Parts

Spare Type	Torx Screw								Torx Key
K107	7003								6002
K144	7006								6001

Mini copy, 'v' grooving & turning tool, It equipped with rhombic positive insert 55° that generate low cutting force

Turning Tool



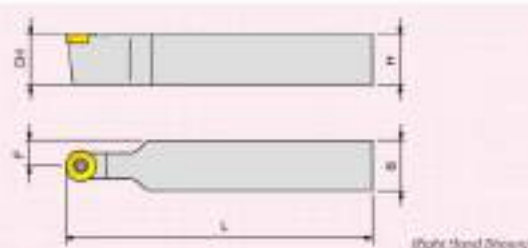
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
SDNCRL 0808 D07	08	08	4.2	60			K107	DCMT 0762--	773711	773712
SDNCRL 1010 E07	10	10	5.2	70			K107	DCMT 0762--	773713	773714
SDNCRL 1212 F07	12	12	6.2	80			K107	DCMT 0762--	773715	773716
SDNCRL 1616 H11	16	16	8.2	100			K144	DCMT 1113--	773717	773718
SDNCRL 1616 H11	16	16	8.2	100			K144	DCMT 1113--	773723	773724
SDNCRL 2020 K11	20	20	10.2	125			K144	DCMT 1113--	773725	773726
SDNCRL 2525 M11	25	25	12.7	150			K144	DCMT 1113--	773727	773728

Spare Parts

Spare Type	Torx Screw								Torx Key
K107	7003								6002
K144	7006								6001

Turning Tool

Form recessing, facing & turning tool



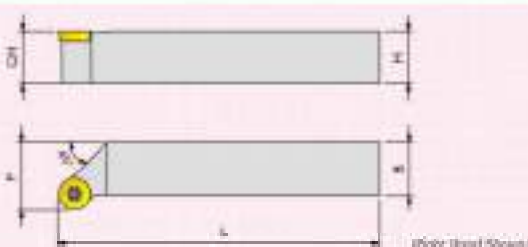
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L						
SRDCN 0606 D06	06	06	03	60			K231	RCMT 0602MD	773851	
SRDCN 0808 D06	08	08	04	60			K231	RCMT 0602MD	773853	
SRDCN 1010 E06	10	10	05	70			K231	RCMT 0602MD	773855	
SRDCN 1212 F06	12	12	06	80			K231	RCMT 0602MD	773857	
SRDCN 1616 H06	16	16	08	100			K231	RCMT 0602MD	773861	

Spare Parts

Spare Type	Torx Screw							Torx Key
K231	7003							6002

Turning Tool

Form recessing, facing & turning tool



ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
SR5CR/L 0808 D06	08	08	10	60			K231	RCMT 0602MD	773911	773912
SR5CR/L 1010 E06	10	10	12	70			K231	RCMT 0602MD	773913	773914
SR5CR/L 1212 F06	12	12	16	80			K231	RCMT 0602MD	773915	773916
SR5CR/L 1616 H06	16	16	20	100			K231	RCMT 0602MD	773917	773918
SR5CR/L 1616 H10	16	16	20	100			K232	RCMT 10T3MD	773931	773932
SR5CR/L 2020 K06	20	20	25	125			K231	RCMT 0602MD	773919	773920
SR5CR/L 2020 K10	20	20	25	125			K232	RCMT 10T3MD	773933	773934
SR5CR/L 2525 M06	25	25	32	150			K231	RCMT 0602MD	773921	773922
SR5CR/L 2525 M10	25	25	32	150			K232	RCMT 10T3MD	773935	773936

Spare Parts

Spare Type	Torx Screw							Torx Key
K231	7003							6002
K232	7006							6001

Thru turning tool / 90° " V " recessing tool

Turning Tool



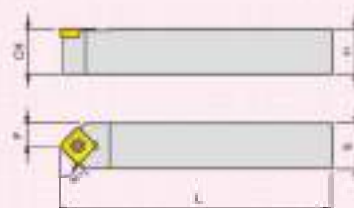
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	H=CH	B	F	L						Right	Left
SSBCR/L 1616 H09	16	16	13	100				K111	SCMT 09T3-	774021	774022
SSBCR/L 2020 K09	20	20	17	125				K111	SCMT 09T3-	774023	774024
SSBCR/L 2525 M09	25	25	22	150				K111	SCMT 09T3-	774025	774026

Spare Parts

Spare Type	Torx Screw								Torx Key
K111	7005								6001

Thru turning tool / 90° " V " recessing tool

Turning Tool



ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	H=CH	B	F	L						Right	Left
SSDCN 1616 H09	16	16	08	100				K111	SCMT 09T3-	774051	
SSDCN 2020 K09	20	20	10	125				K111	SCMT 09T3-	774053	
SSDCN 2525 M09	25	25	12.5	150				K111	SCMT 09T3-	774055	

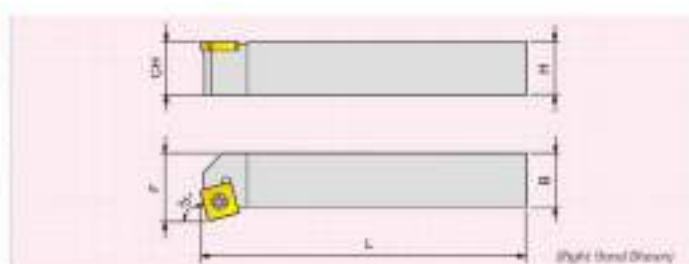
Spare Parts

Spare Type	Torx Screw								Torx Key
K111	7005								6001

Glanze Indexable Tool Holders

Turning Tool

Profiling tool holder for semifinishing operations. It equipped with square positive insert 90° that generate low cutting force



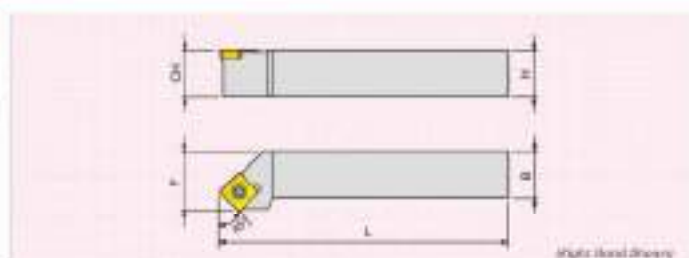
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
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SSKCR/L 1616 H09	16	16	20	100			K111	SCMT 69T3-	774013	774014
SSKCR/L 2020 K09	20	20	25	125			K111	SCMT 69T3-	774015	774016
SSKCR/L 2525 M09	25	25	32	150			K111	SCMT 69T3-	774017	774018

Spare Parts

Spare Type	Torx Screw								Torx Key
K111	7006								6001

Turning Tool

Mini 90° 'v' grooving & turning tool, it equipped with square positive insert, it generate low cutting force



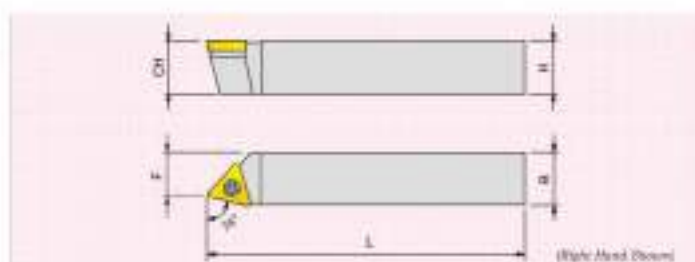
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
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SSSCR/L 1616 H09	16	16	20	100			K111	SCMT 69T3-	774171	774172
SSSCR/L 2020 K09	20	20	25	125			K111	SCMT 69T3-	774173	774174
SSSCR/L 2525 M09	25	25	32	150			K111	SCMT 69T3-	774175	774176

Spare Parts

Spare Type	Torx Screw								Torx Key
K111	7006								6001

Toolholder for external turning and chamfering 75° applications equipped with triangular positive inserts.

Turning Tool



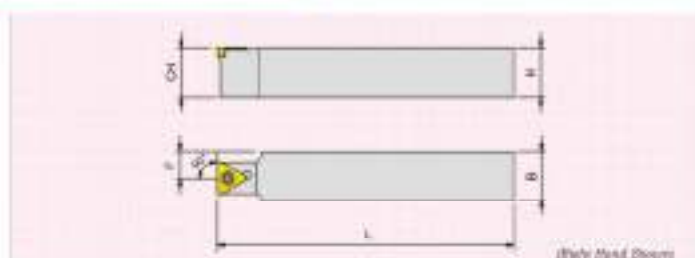
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	H=CH	B	F	L						Right	Left
STBCR/L 1616 H11	16	16	13	100				K148	TCMT 1102--	774429	774430
STBCR/L 2020 K11	20	20	17	125				K148	TCMT 1102--	774431	774432
STBCR/L 2525 M11	25	25	22	150				K148	TCMT 1102--	774433	774434

Spare Parts

Spare Type	Torx Screw								Torx Key
K148	7003								8002

Recessing / facing tools 90° turning tool

Turning Tool



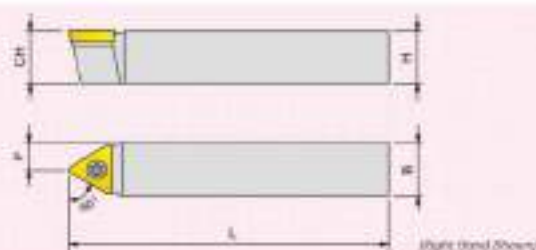
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	H=CH	B	F	L						
STCCN 1010 E11	10	10	05	70				K148	TCMT 1102--	774211
STCCN 1212 F11	12	12	06	90				K148	TCMT 1102--	774213
STCCN 1616 H11	16	16	08	100				K148	TCMT 1102--	774217
STCCN 1616 H16	16	16	08	100				K189	TCMT 16T3--	774219
STCCN 2020 K16	20	20	10	125				K189	TCMT 16T3--	774221
STCCN 2525 M16	25	25	12.5	150				K189	TCMT 16T3--	774223

Spare Parts

Spare Type	Torx Screw								Torx Key
K148	7003								8002
K189	7006								8001

Turning Tool

Toolholder for external turning and chamfering 60° applications equipped with triangular positive inserts.



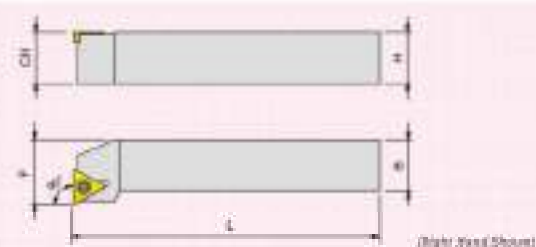
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L						
STECN 1616 H11	16	16	08	100			K148	TCNT 1102~	774455	
STECN 2020 K11	20	20	10	125			K148	TCNT 1102~	774457	
STECN 2525 M11	25	25	12.5	150			K148	TCNT 1102~	774459	

Spare Parts

Spare Type	Torx Screw							Torx Key
K148	7003							6002

Turning Tool

Recessing / facing tools 90° turning tool



ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
STFCR/L 1212 F11	12	12	16	80			K148	TCMT 1101~	774251	774252
STFCR/L 1616 H11	16	16	20	100			K148	TCMT 1101~	774255	774256
STFCR/L 2020 K16	20	20	25	125			K189	TCMT 16T3~	774261	774262
STFCR/L 2525 M16	25	25	32	150			K189	TCMT 16T3~	774263	774264

Spare Parts

Spare Type	Torx Screw							Torx Key
K148	7003							6002
K189	7006							6001

90° Turning tool

Turning Tool



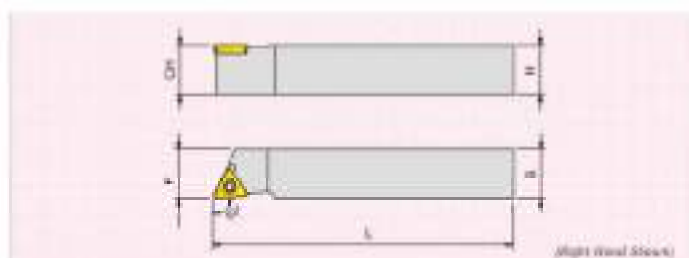
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
STGCR/L 1212 F11	12	12	16	80			K148	TCMT 1102-	774321	774322
STGCR/L 1616 H11	16	16	20	100			K148	TCMT 1102-	774325	774326
STGCR/L 1616 H16	16	16	20	100			K189	TCMT 16T3-	774331	774332
STGCR/L 2020 K16	20	20	25	125			K189	TCMT 16T3-	774333	774334
STGCR/L 2525 M16	25	25	32	150			K189	TCMT 16T3-	774335	774336

Spare Parts

Spare Type	Torx Screw						Torx Key
K148	7003						6002
K189	7006						6001

Toolholder for external and face turning applications equipped with triangular positive inserts.

Turning Tool



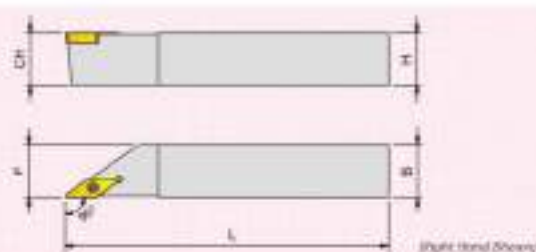
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
STJCR/L 1212 F11	12	12	12	80			K148	TCMT 1102-	774409	774410
STJCR/L 1616 H11	16	16	16	100			K148	TCMT 1102-	774415	774416
STJCR/L 1616 H16	16	16	16	100			K189	TCMT 16T3-	774441	774442
STJCR/L 2020 K16	20	20	20	125			K189	TCMT 16T3-	774443	774444
STJCR/L 2525 M16	25	25	25	150			K189	TCMT 16T3-	774445	774446

Spare Parts

Spare Type	Torx Screw						Torx Key
K148	7003						6002
K189	7006						6001

Turning Tool

Copying toolholder for semifinishing & finishing operations, it equipped with rhombic positive insert 35° that generate low cutting force



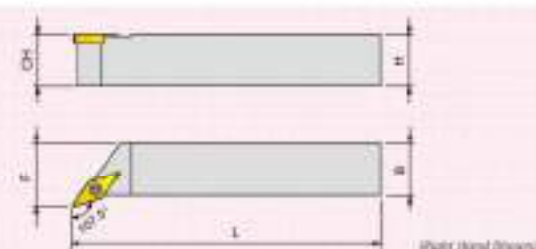
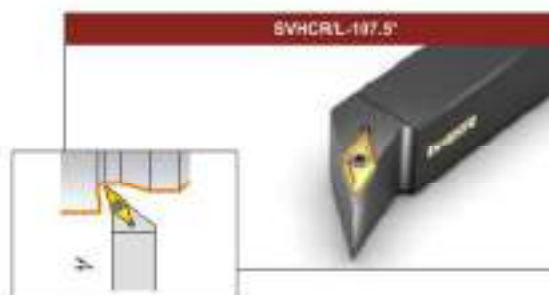
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
SVACR/L 1616 H16	16	16	16	100			K191	VCMT 1604~	771231	771232
SVACR/L 2020 K16	20	20	20	125			K191	VCMT 1604~	771233	771234
SVACR/L 2525 M16	25	25	25	150			K191	VCMT 1604~	771235	771236
SVACR/L 3232 P16	32	32	32	170			K191	VCMT 1604~	771237	771238

Spare Parts

Spare Type	Torx Screw							Torx Key
K191	7006							6001

Turning Tool

Copying toolholder for semifinishing & finishing operations, it equipped with rhombic positive insert 35° that generate low cutting force



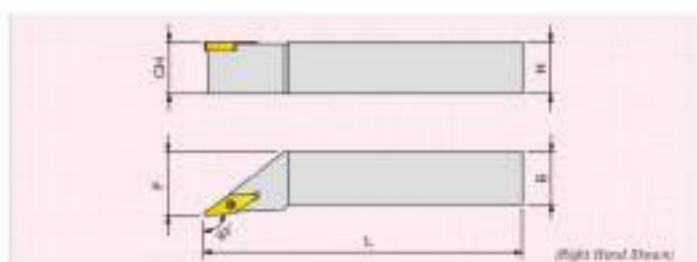
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	F	L					Right	Left
SVHCR/L 1616 H16	16	16	20	100			K191	VCMT 1604~	771241	771242
SVHCR/L 2020 K16	20	20	25	125			K191	VCMT 1604~	771243	771244
SVHCR/L 2525 M16	25	25	32	150			K191	VCMT 1604~	771245	771246
SVHCR/L 3232 P16	32	32	40	170			K191	VCMT 1604~	771247	771248

Spare Parts

Spare Type	Torx Screw							Torx Key
K191	7006							6001

Coping toolholder for semifinishing & finishing operations. It equipped with rhombic positive insert 35° that generate low cutting force

Turning Tool



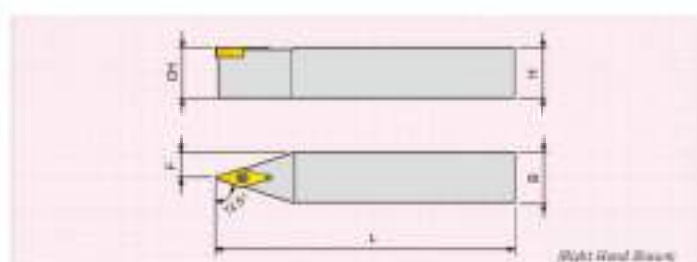
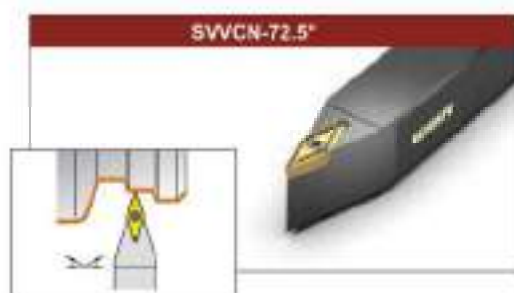
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	H=CH	B	F	L						Right	Left
SVJBR/L 1616 H16	16	16	20	100				K191	VBMT 1604--	771391	771392
SVJBR/L 2020 K16	20	20	25	125				K191	VBMT 1604--	771393	771394
SVJBR/L 2525 M16	25	25	32	150				K191	VBMT 1604--	771395	771396
SVJBR/L 3232 P16	32	32	40	170				K191	VBMT 1604--	771399	771400
SVJCR/L 1616 H16	16	16	20	100				K191	VCMT 1604--	771371	771372
SVJCR/L 2020 K16	20	20	25	125				K191	VCMT 1604--	771373	771374
SVJCR/L 2525 M16	25	25	32	150				K191	VCMT 1604--	771375	771376
SVJCR/L 3232 P16	32	32	40	170				K191	VCMT 1604--	771379	771380

Spare Parts

Spare Type	Torx Screw							Torx Key
K191	7006							6001

Mini copy, profiling, & grooving toolholder for finishing operations. It equipped with rhombic positive insert 35° that generate low cutting force

Turning Tool



ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	H=CH	B	F	L						
SVVCN 1616 H16	16	16	08	100				K191	VCMT 1604--	771201
SVVCN 2020 K16	20	20	10	125				K191	VCMT 1604--	771202
SVVCN 2525 M16	25	25	12.5	150				K191	VCMT 1604--	771203
SVVCN 3232 P16	32	32	16	170				K191	VCMT 1604--	771204

Spare Parts

Spare Type	Torx Screw							Torx Key
K191	7006							6001



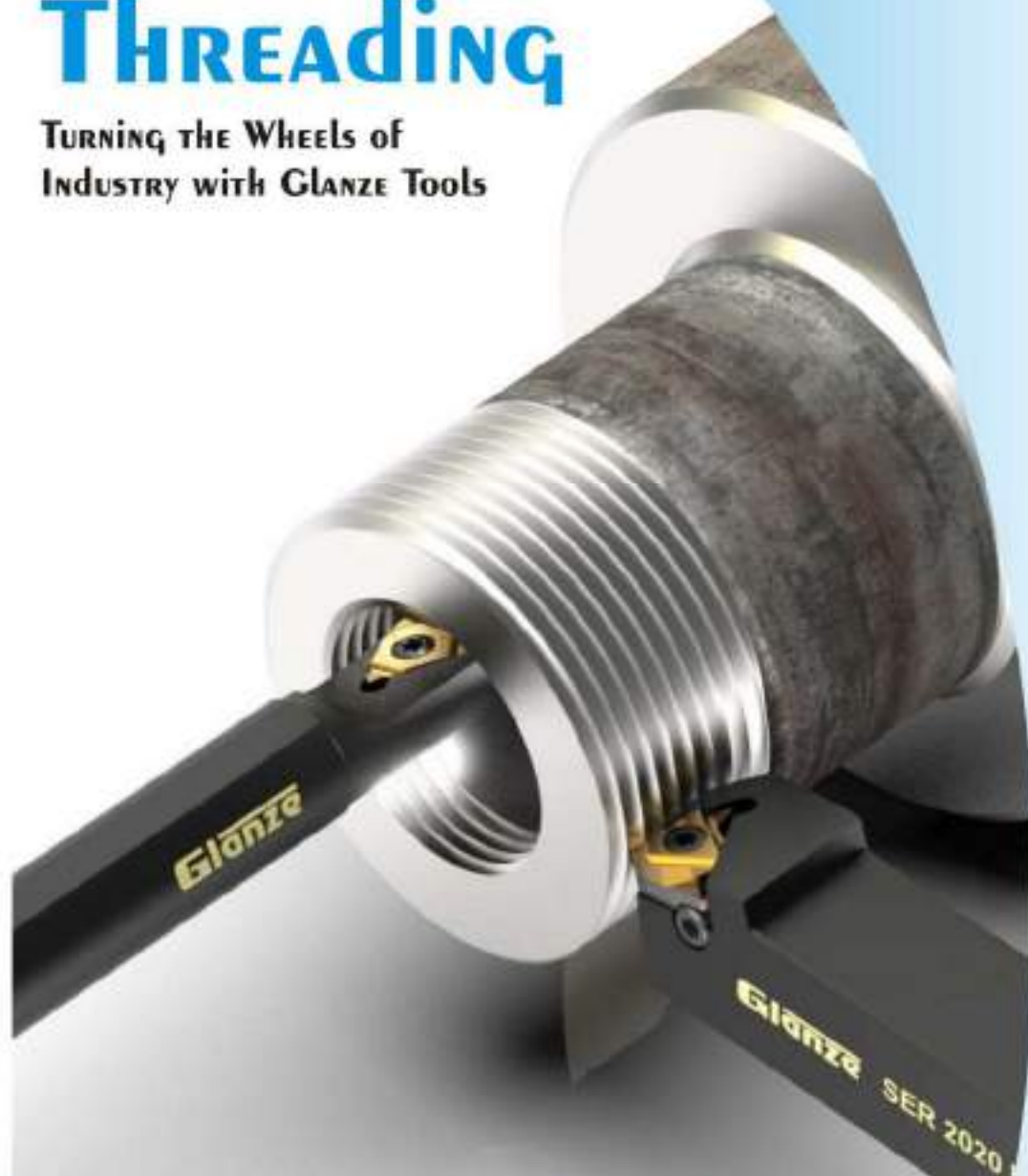
This image shows a full page of blank graph paper. The grid consists of small, uniform squares formed by thin, light blue lines. There are no margins, text, or other markings on the page.

Glanze

Indexable Tool Holders

Threading

TURNING THE WHEELS OF
INDUSTRY WITH GLANZE TOOLS



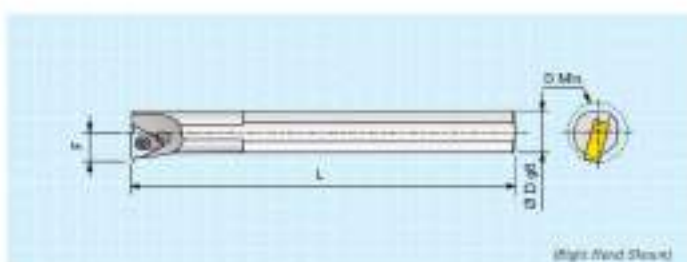
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D03-D04 Threading Tools (External & Internal)



Internal Threading Tool

Threading Tool



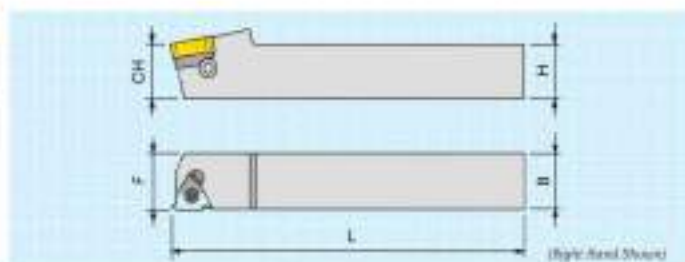
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	$\varnothing D_{g6}$	$D_{Min.}$	F	L						Right	Left
SIR/L 0010 K11	10	12.5	6.5	125				K150	IR 11	722100	722101
SIR/L 0012 K11	12	14.0	7.5	125				K150	IR 11	722110	722111
SIR/L 0016 M16	16	20.0	10.25	150				K116	IR 16	722120	722121
SIR/L 0020 Q16	20	25.0	13.3	180				K116	IR 16	722130	722131
SIR/L 0025 R16	25	32.0	16.3	200				K116	IR 16	722135	722136

Spare Parts

Spare Type	Torx Screw								Torx Key
									
K150	7003								6002
K116	7006								6001

Threading Tool

External Threading Tool



ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	H=CH	B	F	L						Right	Left
SER 1010 K11	10	10	10	125				K149	ER 11	775100	
SER 1212 K11	12	12	12	125				K149	ER 11	775110	
SEL 1010 K11	10	10	10	125				K149	EL 11		775101
SEL 1212 K11	12	12	12	125				K149	EL 11		775111
SER 1616 K16	16	16	16	125				K114	ER 16	775123	
SER 2020 K16	20	20	20	125				K114	ER 16	775127	
SER 2525 M16	25	25	25	150				K114	ER 16	775133	
SEL 1616 K16	16	16	16	125				K115	EL 16		775124
SEL 2020 K16	20	20	20	125				K115	EL 16		775128
SEL 2525 M16	25	25	25	150				K115	EL 16		775134
SER 2525 M22	25	25	25	150				K185	ER 22	775140	
SEL 2525 M22	25	25	25	150				K-	EL 22		775141

Spare Parts

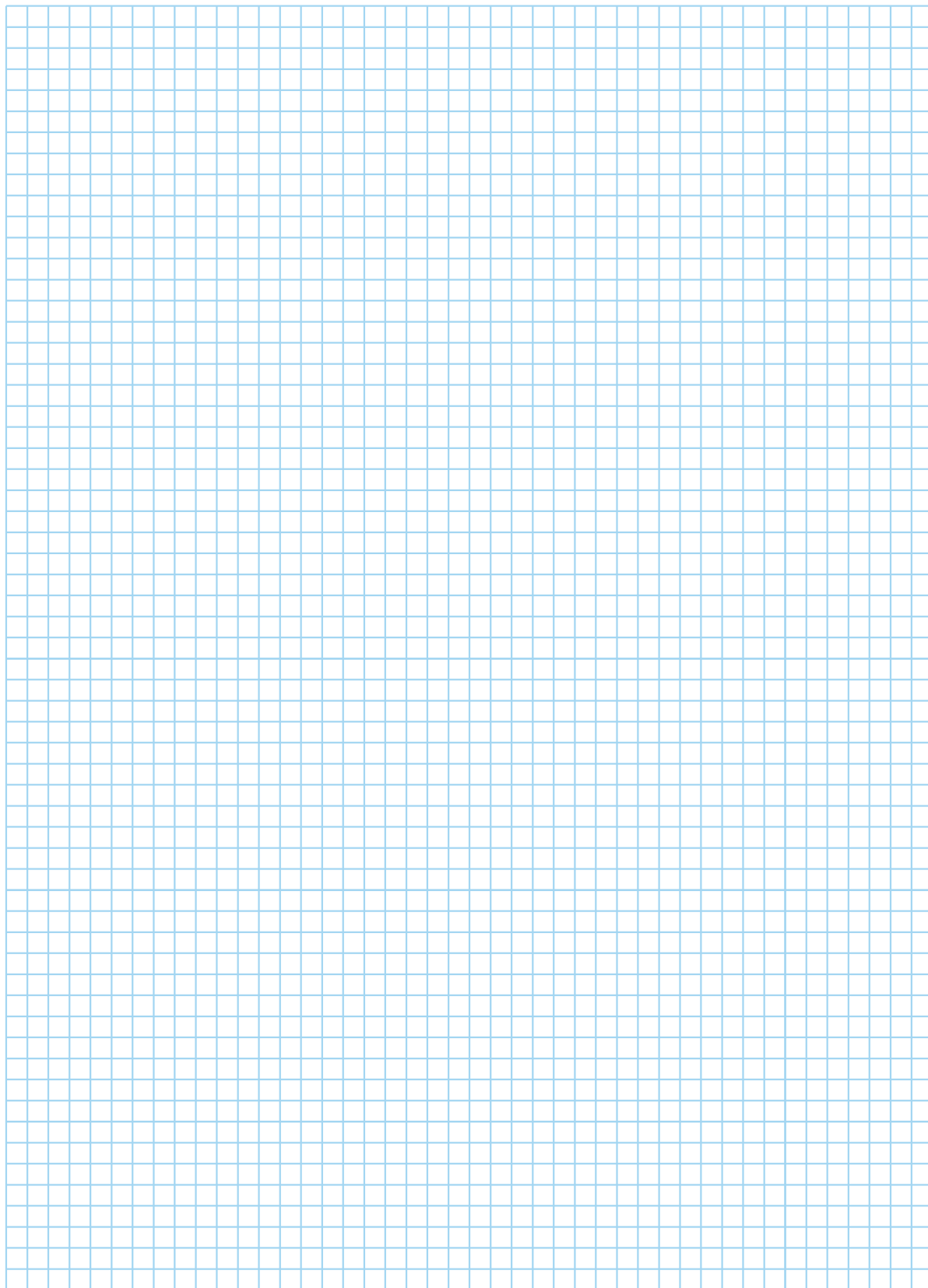
Spare Type	Insert Screw	Shim Screw	Shim					Allen Key	Torx Key
K149									
K114	7003	1011	3037					5004	6001
K185	7019	1013	3050					5001	6004
K115	7011	1011	3038					5004	6001



Notes

This image shows a full page of blank graph paper. The grid consists of small, uniform squares formed by thin, light blue horizontal and vertical lines. There are no margins, text, or other markings on the page.

Notes

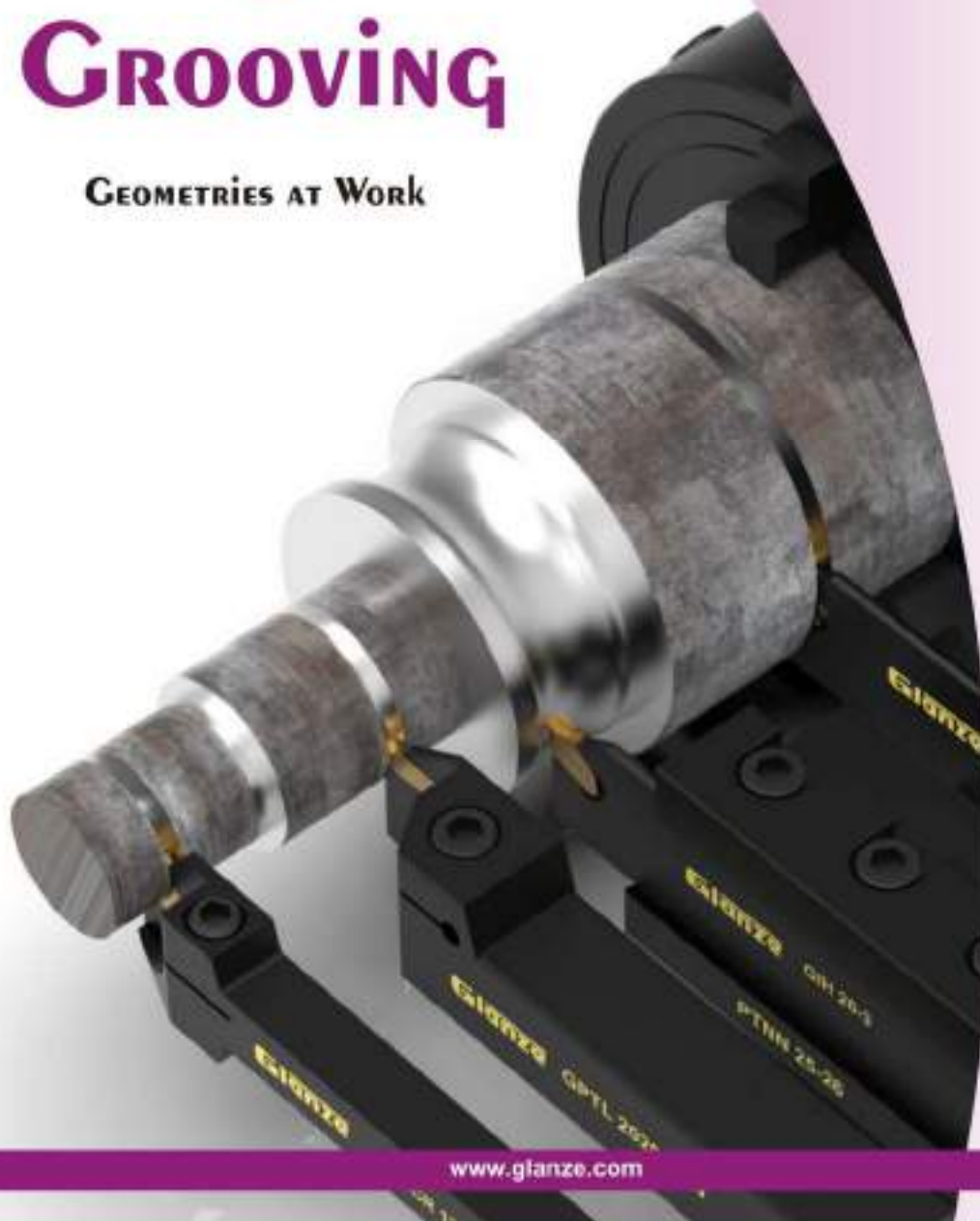


Glanze

Indexable Tool Holders

PARTING & GROOVING

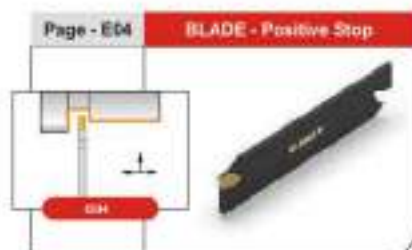
GEOMETRIES AT WORK



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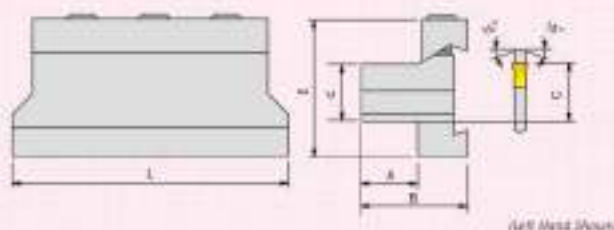
E-01

E03-E06 Parting & Grooving Tools



Parting Block Clamp Type With Blade

Parting Tool



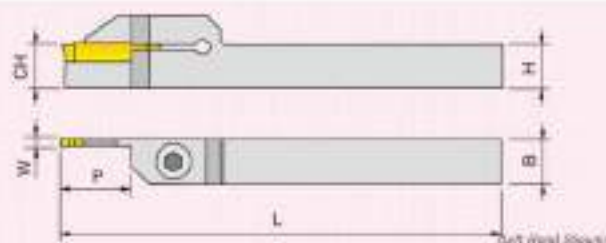
Designation	Dimension (mm)						Spare Type	Ordering No.
	A	B	C	E	L			
NGTBN 0008-19	12	22	8	32	65		K216	776020
NGTBN 0010-19	12	22	10	32	65		K216	776030
NGTBN 0012-19	12	26	12	33	76		K216	776035
NGTBN 0016-19	16	30	16	33	76		K216	776045
NGTBN 0016-26	16	32	16	42	80		K217	776046
NGTBN 0020-26	20	36	20	45	90		K217	776050
NGTBN 0020-32	20	36	20	50	110		K217	776055
NGTBN 0025-32	22.5	40	25	52	110		K217	776060

Spare Parts

Spare Type	Allen Bolt						Allen Key
K216	2031*3						5002
K217	2019*3						5007

Grooving Tool - GPTR/L

Grooving Tool



Designation	Dimension (mm)							Spare Type	Insert	Ordering No.	
	H	B	CH	W	P	L				Right	Left
GPTR/L 0810 K2N	08	10	08	2	15	125		K151	DGN-2N	775200	775201
GPTR/L 1010 K2N	10	10	10	2	15	125		K151	DGN-2N	775210	775211
GPTR/L 1212 K2N	12	12	12	2	15	125		K152	DGN-2N	775220	775221
GPTR/L 1616 K2N	16	16	16	2	20	125		K153	DGN-2N	775230	775231
GPTR/L 1616 K3N	16	16	16	3	20	125		K153	DGN-3N	775235	775236
GPTR/L 2020 K2N	20	20	20	2	20	125		K154	DGN-2N	775240	775241
GPTR/L 2020 K3N	20	20	20	3	20	125		K154	DGN-3N	775245	775246
GPTR/L 2525 M2N	25	25	25	2	20	150		K155	DGN-2N	775250	775251
GPTR/L 2525 M3N	25	25	25	3	20	150		K155	DGN-3N	775255	775256

Spare Parts

Spare Type	Allen Bolt						Allen Key
K151	2031						5001
K152	2018						5002
K153	2032						5007
K154	2019						5007
K155	2020						5007

Glanze Indexable Tool Holders

Parting Tool

Parting off Blade - Positive Stop



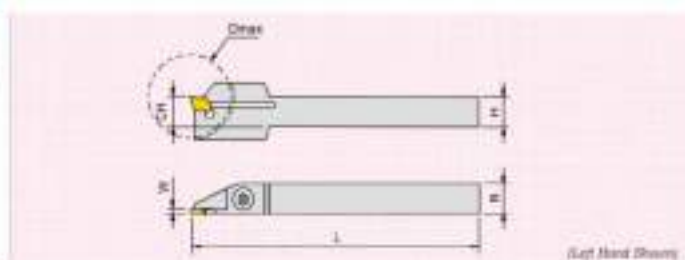
Description	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H1	W	T	L	H				Right	Left
1.6 X 20 X 90	20.0	2	1.6	90	15.4		K215	GCMX-3N	775035	
2.4 X 20 X 90	20.0	3	2.4	90	15.4		K215	GCMX-3N	775036	
1.6 X 26 X 110	25.6	2	1.6	110	21.2		K215	GCMX-2N	775040	
2.4 X 26 X 110	25.4	3	2.4	110	21.1		K215	GCMX-3N	775041	
3.2 X 26 X 110	25.4	4	3.2	110	21.1		K215	GCMX-4N	775042	
4.2 X 26 X 110	25.4	5	4.2	110	21.1		K215	GCMX-5N	775043	
5.2 X 26 X 110	25.4	6	5.2	110	21.1		K215	GCMX-6N	775044	
1.6 X 32 X 150	31.6	2	1.6	150	24.8		K215	GCMX-2N	775045	
2.4 X 32 X 150	31.4	3	2.4	150	24.7		K215	GCMX-3N	775046	
3.2 X 32 X 150	31.4	4	3.2	150	24.7		K215	GCMX-4N	775047	
4.2 X 32 X 150	31.4	5	4.2	150	24.7		K215	GCMX-5N	775048	
5.2 X 32 X 150	31.4	6	5.2	150	24.7		K215	GCMX-6N	775049	

Spare Parts

Spare Type	Ejector Key									
										
K215	5009									

Grooving tool

Grooving tool CGGCR/L



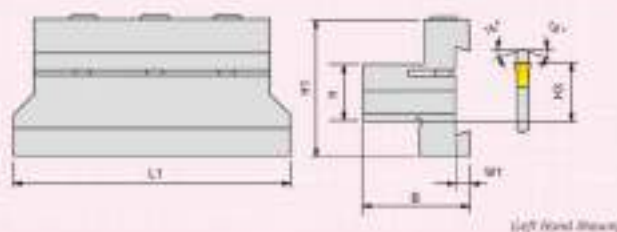
Description	Dimension (mm)						Spare Type	Insert	Ordering No.	
	H=CH	B	W	Dmax	L				Right	Left
CGGCR/L 1010 K02	10	10	02	24	125		K151	GCMX - 2N	775001	775002
CGGCR/L 1212 K02	12	12	02	24	125		K152	GCMX - 2N	775005	775006
CGGCR/L 1616 K02	16	16	02	24	125		K153	GCMX - 2N	775010	775011
CGGCR/L 2020 K03	20	20	03	32	125		K154	GCMX - 3N	775020	775021
CGGCR/L 2525 M03	25	25	03	32	150		K155	GCMX - 3N	775025	775026

Spare Parts

Spare Type	Allen Bolt							Allen Key
								
K151	2031							5001
K152	2018							5002
K153	2032							5007
K154	2019							5007
K155	2020							5007

Parting Block PTNN - Spring Type

Blade Not Include



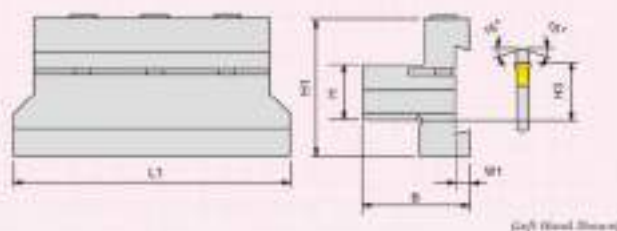
Description	Dimension (mm)					Spare Type	Suitable Blade	Ordering No.
	H	H3	L1	H1	B			
PTNN 0016-20	16	16	76	30	26	K216	86x20x1.6 & 86x20x2.4	776011
PTNN 0016-26	16	16	76	38	30	K217	110x26x1.6, 110x26x2.4, 110x26x3.2, 110x26x4.2, & 110x26x5.2	776012
PTNN 0020-26	20	20	90	38	33	K217		776013
PTNN 0020-32	20	20	100	48	36	K217		776014
PTNN 0020-32	25	25	110	48	36	K217	150x32x1.6, 150x32x2.4, 150x32x3.2, 150x32x4.2, & 150x32x5.2	776015
PTNN 0032-32	32	32	110	54	48	K217		776016

Spare Parts

Spare Type	Allen Bolt						Allen Key
K216	2018*3						5002
K217	2019*3						5007

Parting Block PTNN - Spring Type

With Blade



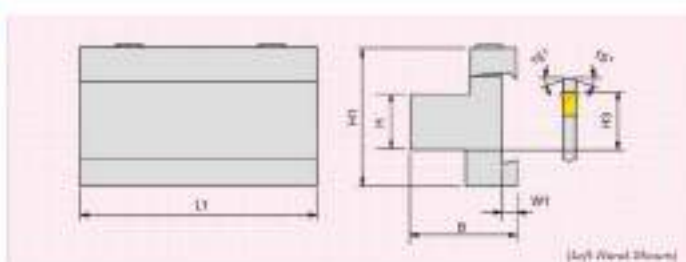
Description	Dimension (mm)					Spare Type	Suitable Blade	Ordering No.
	H	H3	L1	H1	B			
PTNN 0016-20	16	16	76	30	26	K216	86x20x1.6 & 86x20x2.4	776070
PTNN 0016-26	16	16	76	38	30	K217	110x26x1.6, 110x26x2.4, 110x26x3.2, 110x26x4.2, & 110x26x5.2	776071
PTNN 0020-26	20	20	90	38	33	K217		776075
PTNN 0025-32	20	20	100	48	36	K217		776080
PTNN 0025-32	25	25	110	48	36	K217	150x32x1.6, 150x32x2.4, 150x32x3.2, 150x32x4.2, & 150x32x5.2	776085
PTNN 0032-32	32	32	110	54	48	K217		776086

Spare Parts

Spare Type	Allen Bolt						Allen Key
K216	2018*3					Double	5002
K217	2019*3						5007

Parting Tool

Parting tool body



Description	Dimension (mm)					Spare Type	Suitable Blade	Ordering No.
	H	H3	L1	H1	B			
PARTING TOOL BODY 8mm	08	08	65	31.3	22	K218	1.6x20x90	776019
PARTING TOOL BODY 10mm	10	10	65	31.3	22	K218		776028
PARTING TOOL BODY 12mm	12	12	65	31.3	22	K218		776034
PARTING TOOL BODY 16mm	16	16	65	35.3	26	K218	1.6x20x90 & 2.4x20x10	776044

Spare Parts

Spare Type	Allen Bolt							Allen Key
K218	2037*2							5001

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Indexable Tool Holders

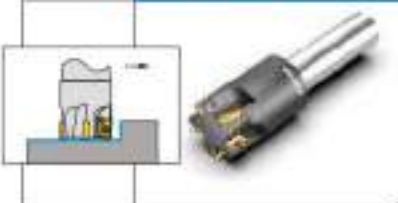
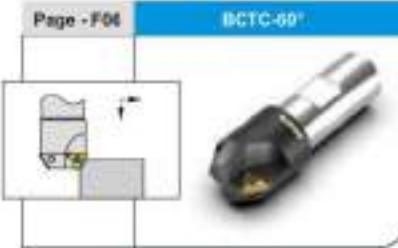
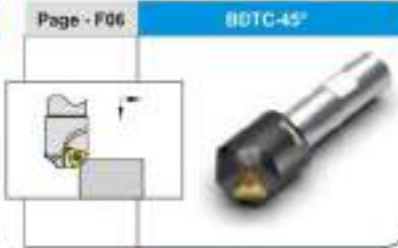
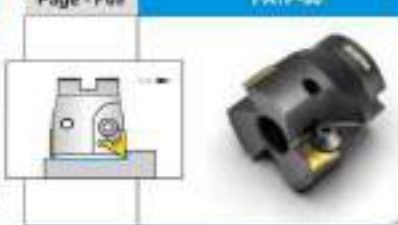
Milling



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F04-F09 Milling Cutters

Page - F04 BAAP-90° 	Page - F04 BACC-90° 	Page - F05 BATP-90° 
Page - F06 BCTC-60° 	Page - F06 BDTC-45° 	Page - F07 BDSC-45° 
Page - F07 ERRC 	Page - F08 MATP-90° 	Page - F08 RATP-90° 
Page - F09 PAAP-90° 	Page - F09 PATP-90° 	

F10-F13 Milling Cutters (Thru Coolant)

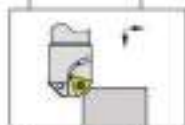
Page - F10 AAAP-90° 	Page - F11 AACC-90° 	Page - F11 ACTC-60° 
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Milling Cutters - Applications

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ADTC-45°



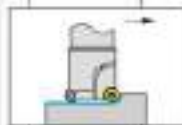
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ADSC-45°



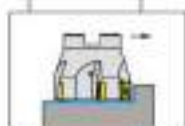
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ARRC



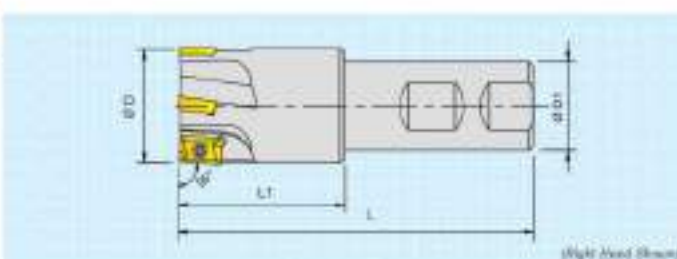
Page - F13

DAAP-90°



Milling Cutter

Parallel shank end mill (APKT)



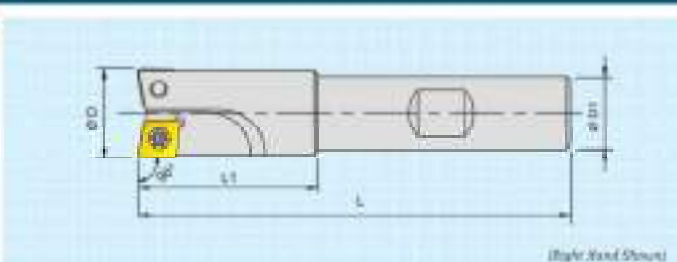
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.
	Ø D	Ø D1	L1	L		Z			
BAAP 1010 10	10	10	25	80		01	K159	APKT 1003--	760010
BAAP 1212 10	12	12	25	80		01	K159	APKT 1003--	760012
BAAP 1412 10	14	12	25	80		01	K159	APKT 1003--	760014
BAAP 1616 10	16	16	30	90		02	K159	APKT 1003--	760016
BAAP 2020 10	20	20	30	100		03	K159	APKT 1003--	760020
BAAP 2520 10	25	20	36	110		04	K159	APKT 1003--	760025
BAAP 3225 10	32	25	36	110		05	K159	APKT 1003--	760032
BAAP 1616 16	16	16	32	100		01	K158	APKT 1604--	760116
BAAP 2020 16	20	20	32	100		01	K158	APKT 1604--	760120
BAAP 2520 16	25	20	39	110		02	K158	APKT 1604--	760125
BAAP 3232 16	32	32	39	110		03	K158	APKT 1604--	760132
BAAP 4032 16	40	32	40	125		04	K158	APKT 1604--	760140

Spare Parts

Spare Type	Torx Screw						Torx Key
K159	7003*Z						6002
K158	7006*Z						6001

Milling Cutter

90° Parallel shank slot mill (CCMT)



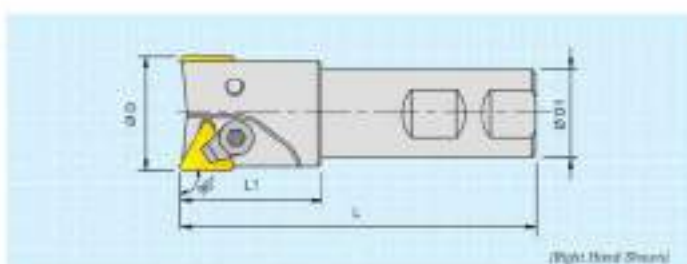
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.
	Ø D	Ø D1	L1	L		Z			
BACC 1010 06	10	10	25	80		01	K127	CCMT 0602--	760210
BACC 1210 06	12	10	25	80		01	K127	CCMT 0602--	760212
BACC 1410 06	14	10	32	80		01	K127	CCMT 0602--	760214
BACC 1212 06	12	12	25	80		01	K127	CCMT 0602--	760312
BACC 1412 06	14	12	32	90		01	K127	CCMT 0602--	760314
BACC 1612 06	16	12	32	90		02	K127	CCMT 0602--	760316
BACC 1616 06	16	16	32	90		02	K127	CCMT 0602--	760416
BACC 2016 06	20	16	32	100		02	K127	CCMT 0602--	760420
BACC 2516 06	25	16	32	100		03	K127	CCMT 0602--	760425

Spare Parts

Spare Type	Torx Screw						Torx Key
K127	7003*Z						6002

Light & Medium duty top clamping type parallel shank end mill cutter (TPAN)

Milling Cutter



ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	Ø D	Ø D1	L1	L			Z			
BATP 1212 11	12	12	30	80			01	K161	TPAN 1101--	760512
BATP 1412 11	14	12	30	80			01	K161	TPAN 1101--	760514
BATP 1616 11	16	16	32	90			01	K161	TPAN 1101--	760516
BATP 2020 11	20	20	36	100			02	K161	TPAN 1101--	760520
BATP 2520 11	25	20	36	100			02	K161	TPAN 1101--	760525
BATP 3220 11	32	20	40	110			02	K161	TPAN 1101--	760532
BATP 1616 16	16	16	32	100			01	K164	TPAN 1601--	760616
BATP 2020 16	20	20	32	100			01	K164	TPAN 1601--	760620
BATP 2520 16	25	20	36	100			02	K164	TPAN 1601--	760625
BATP 3220 16	32	20	36	110			02	K164	TPAN 1601--	760632
BATP 4020 16	40	20	40	110			03	K164	TPAN 1601--	760640
BATP 5020 16	50	20	40	110			03	K164	TPAN 1601--	760650

Spare Parts

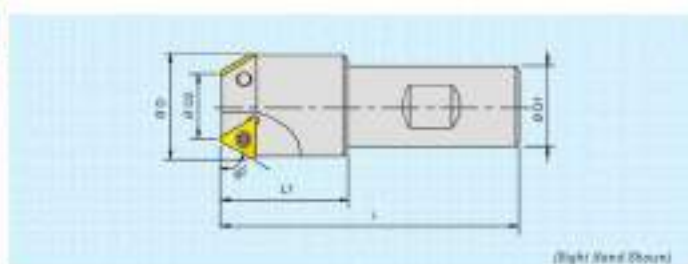
Spare Type	Clamp	Clamp Screw						Allen Key
K161	4001*Z	2001*Z						5001
K164	4002*Z	2002*Z						5002



Glanze Indexable Tool Holders

Milling Cutter

60° Chamfering milling cutter (TCMT)



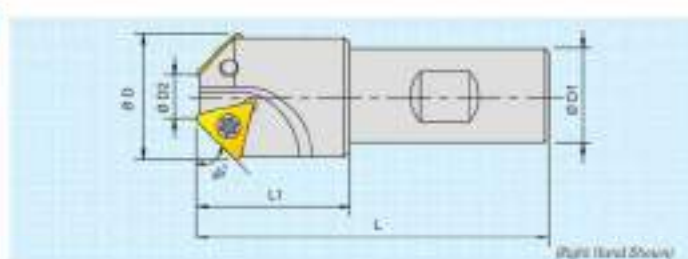
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	ϕD	$\phi D1$	$L1$	L	$\phi D2$		Z			
BCTC 1612 11	16	12	32	90	5.4		01	K148	TCMT 1102~	760702
BCTC 2620 11	26	20	32	100	15.8		02	K148	TCMT 1102~	760704
BCTC 3525 16	35	25	40	110	20		02	K189	TCMT 16T3~	760706

Spare Parts

Spare Type	Torx Screw								Torx Key
									
K148	7003*Z								6002
K189	7006*Z								6001

Milling Cutter

45° Chamfering milling cutter (TCMT)



ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	ϕD	$\phi D1$	$L1$	L	$\phi D2$		Z			
BDTC 1612 11	16	12	32	90	1.2		01	K148	TCMT 1102~	760812
BDTC 2120 11	21	20	32	100	6.2		02	K148	TCMT 1102~	760814
BDTC 3225 16	32	25	40	110	10.4		02	K189	TCMT 16T3~	760816

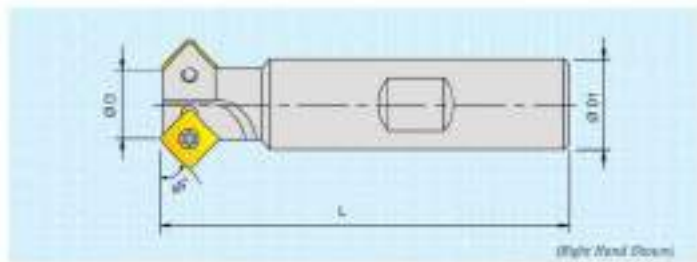
Spare Parts

Spare Type	Torx Screw								Torx Key
									
K148	7003*Z								6002
K189	7006*Z								6001

Glanze Indexable Tool Holders

45° Parallel shank chamfering milling cutter (SCMT)

Milling Cutter



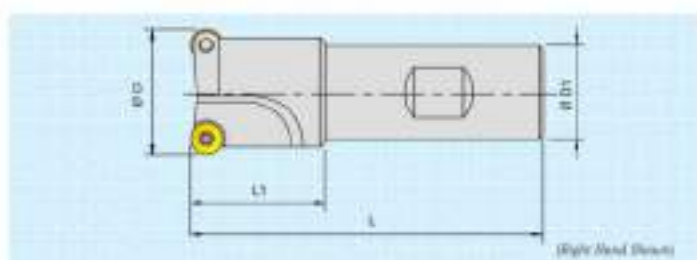
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.
	Ø D	Ø D1		L		Z			
BDSC 1216 09	12	16		90		01	K111	SCMT 99T3-	760902
BDSC 1620 09	16	20		90		02	K111	SCMT 99T3-	760904
BDSC 3025 09	30	25		110		03	K111	SCMT 99T3-	760910

Spare Parts

Spare Type	Torx Screw						Torx Key
K111	 7006*Z						 6001

Parallel shank copy mill (RCMT)

Milling Cutter



ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.
	Ø D	Ø D1	L1	L		Z			
BRRC 2520 06	25	20	32	100		02	K127	RCMT 0602MO	761025
BRRC 3225 06	32	25	32	125		02	K127	RCMT 0602MO	761032
BRRC 4032 06	40	32	40	150		03	K127	RCMT 0602MO	761046
BRRC 5032 06	50	32	50	200		04	K127	RCMT 0602MO	761050
BRRC 2520 12	25	20	40	150		02	K102	RCMT 1204MO	761125
BRRC 3225 12	32	25	40	150		02	K102	RCMT 1204MO	761132
BRRC 4032 12	40	32	40	150		03	K102	RCMT 1204MO	761140
BRRC 5032 12	50	32	50	200		04	K102	RCMT 1204MO	761150

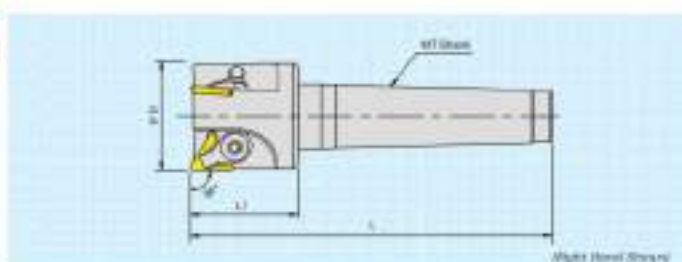
Spare Parts

Spare Type	Torx Screw						Torx Key
K127	 7003*Z						 6002
K102	 7006*Z						 6001

Glanze Indexable Tool Holders

Milling Cutter

Morse taper shank end mill (TPAN)



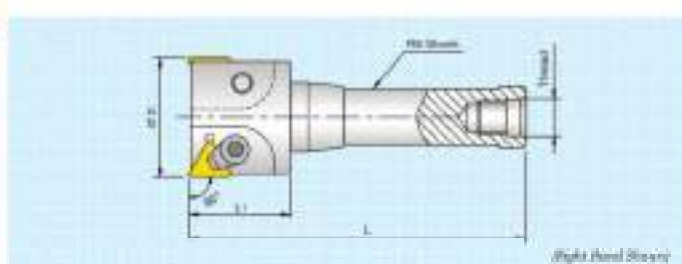
ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.
	Ø D		L1	L	Shank MT x Thread	Z			
MATP 16211	16		35	100	MT2 X M10	01	K161	TPAN 1103-	761416
MATP 20211	20		35	110	MT2 X M10	01	K161	TPAN 1103-	761420
MATP 25211	25		35	110	MT2 X M10	02	K161	TPAN 1103-	761425
MATP 25316	25		40	135	MT3 X M12	02	K164	TPAN 1603-	761525
MATP 32316	32		40	135	MT3 X M12	02	K164	TPAN 1603-	761532
MATP 40316	40		40	135	MT3 X M12	03	K164	TPAN 1603-	761540
MATP 50316	50		40	135	MT3 X M12	03	K164	TPAN 1603-	761550

Spare Parts

Spare Type	Clamp	Clamp Screw						Allen Key
K161	4001*Z	2001*Z						5001
K164	4002*Z	2002*Z						5002

Milling Cutter

R8 shank end mill (TPAN)



ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.
	Ø D		L1	L	Shank MT x Thread	Z			
RATP 32816	32		40	145	R8 X 7/16"-20 UNK	02	K164	TPAN 1603-	761632
RATP 40816	40		40	145	R8 X 7/16"-20 UNK	03	K164	TPAN 1603-	761640
RATP 50816	50		40	145	R8 X 7/16"-20 UNK	03	K164	TPAN 1603-	761650

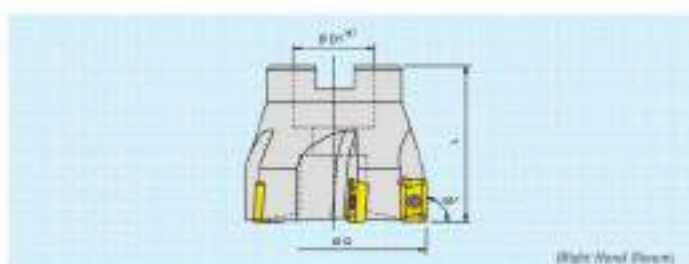
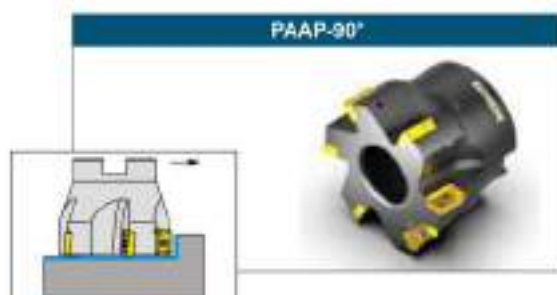
Spare Parts

Spare Type	Clamp	Clamp Screw						Allen Key
K164	4002*Z	2002*Z						5002

Glanze Indexable Tool Holders

90° Facing square shoulder cutter (APKT)

Milling Cutter



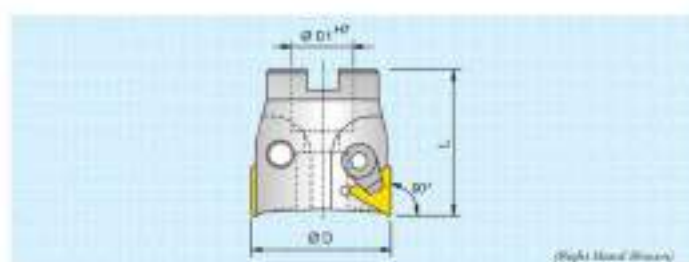
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	$\varnothing D$	$\varnothing D_1^{H7}$	L				Z			
PAAP 04016 16	40	16	40				01	K158	APKT 1604--	761852
PAAP 05022 16	50	22	40				05	K158	APKT 1604--	761854
PAAP 06322 16	63	22	40				06	K158	APKT 1604--	761856
PAAP 08027 16	80	27	50				07	K158	APKT 1604--	761858
PAAP 10032 16	100	32	50				08	K158	APKT 1604--	761860

Spare Parts

Spare Type	Torx Screw							Torx Key
K158	7006*Z							6001

90° Facing square shoulder cutter (TPAN)

Milling Cutter



ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	$\varnothing D$	$\varnothing D_1^{H7}$	L				Z			
PATP 04016 16	40	16	45				03	K164	TPAN 1603--	762002
PATP 05022 16	50	22	50				04	K164	TPAN 1603--	762004
PATP 06322 16	63	22	50				04	K164	TPAN 1603--	762006
PATP 08027 16	80	27	50				05	K164	TPAN 1603--	762008

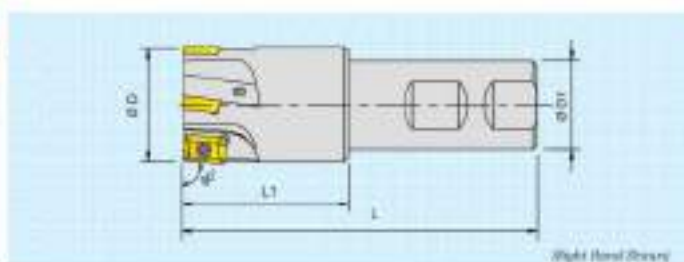
Spare Parts

Spare Type	Clamp		Clamp Screw					Allen Key
K164	4002*Z	2002*Z						5302

GLANZE Indexable Tool Holders

Milling Cutter

Parallel shank end mill thru coolant (APKT)



ISO Designation	Dimension (mm)						Spare Type	Insert	Ordering No.
	$\varnothing D$	$\varnothing D1$	$L1$	L		Z			
AAAP 1212 10	12	12	25	80		01	K159	APKT 1093-	750912
AAAP 1412 10	14	12	25	80		01	K159	APKT 1093-	750914
AAAP 1616 10	16	16	30	90		02	K159	APKT 1093-	750916
AAAP 2020 10	20	20	30	100		03	K159	APKT 1093-	750920
AAAP 2520 10	25	20	36	110		04	K159	APKT 1093-	750925
AAAP 3225 10	32	25	36	110		05	K159	APKT 1093-	750932
AAAP 1616 16	16	16	32	100		01	K158	APKT 1094-	750116
AAAP 2020 16	20	20	32	100		01	K158	APKT 1094-	750120
AAAP 2520 16	25	20	39	100		02	K158	APKT 1094-	750125
AAAP 3232 16	32	32	39	110		03	K158	APKT 1094-	750132
AAAP 4032 16	40	32	40	125		04	K158	APKT 1094-	750140

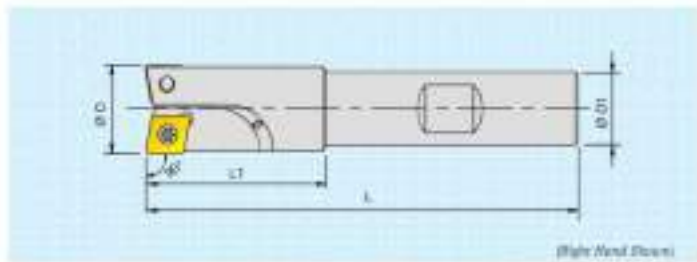
Spare Parts

Spare Type	Torx Screw							Torx Key
								
K159	7003*Z							6002
K158	7006*Z							6001



90° Parallel shank slot mill thru coolant (CCMT)

Milling Cutter



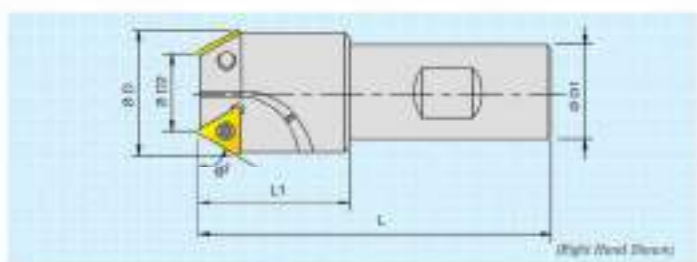
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	$\varnothing D$	$\varnothing D1$	L1	L			Z			
AACC 1010 06	10	10	25	80			01	K127	CCMT 9602--	750210
AACC 1210 06	12	10	25	80			01	K127	CCMT 9602--	750212
AACC 1410 06	14	10	32	80			01	K127	CCMT 9602--	750214
AACC 1212 06	12	12	25	80			01	K127	CCMT 9602--	750312
AACC 1412 06	14	12	32	90			01	K127	CCMT 9602--	750314
AACC 1612 06	16	12	32	90			02	K127	CCMT 9602--	750316
AACC 1616 06	16	16	32	90			02	K127	CCMT 9602--	750416
AACC 2016 06	20	16	32	100			02	K127	CCMT 9602--	750420
AACC 2516 06	25	16	32	100			03	K127	CCMT 9602--	750425

Spare Parts

Spare Type	Torx Screw							Torx Key
K127	7003*Z							6002

60° Chamfering milling cutter thru coolant (TCMT)

Milling Cutter



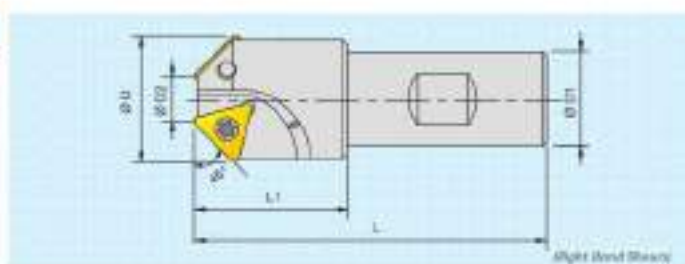
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	$\varnothing D$	$\varnothing D1$	L1	L	$\varnothing D2$		Z			
ACTC 1612 11	16	12	32	90	5.4		01	K148	TCMT 1102--	750702
ACTC 2020 11	20	20	32	100	15.8		02	K148	TCMT 1102--	750704
ACTC 3525 16	35	25	40	110	20		02	K189	TCMT 16T3--	750706

Spare Parts

Spare Type	Torx Screw							Torx Key
K148	7003*Z							6002
K189	7006*Z							6001

Milling Cutter

45° Chamfering milling cutter thru coolant (TCMT)



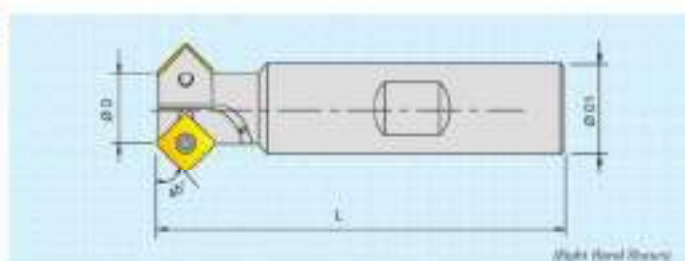
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	ϕD	$\phi D1$	$L1$	L	$\phi D2$		Z			
ADTC 1612 11	16	12	32	90	1.2		01	K143	TCNT 1102~	750812
ADTC 2120 11	21	20	32	100	6.2		02	K143	TCNT 1102~	750814
ADTC 3225 16	32	25	40	110	10.4		02	K189	TCNT 16T3~	750816

Spare Parts

Spare Type	Torx Screw								Torx Key
K143	7003*Z								6002
K189	7006*Z								6001

Milling Cutter

45° Parallel shank chamfering milling cutter thru coolant (SCMT)



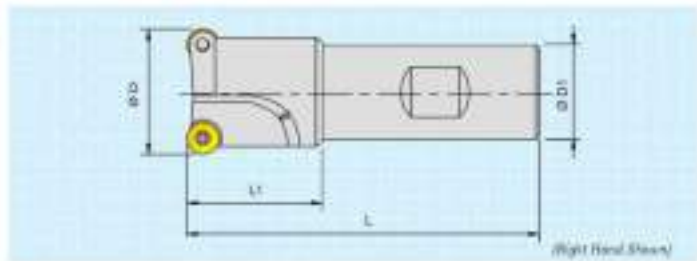
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	ϕD	$\phi D1$		L			Z			
ADSC 1216 09	12	16		90			01	K111	SCMT 09T3~	750902
ADSC 1620 09	16	20		90			02	K111	SCMT 09T3~	750904
ADSC 3025 09	30	25		110			03	K111	SCMT 09T3~	750910

Spare Parts

Spare Type	Torx Screw								Torx Key
K111	7003*Z								6002

Parallel shank copy mill thru coolant (RCMT)

Milling Cutter



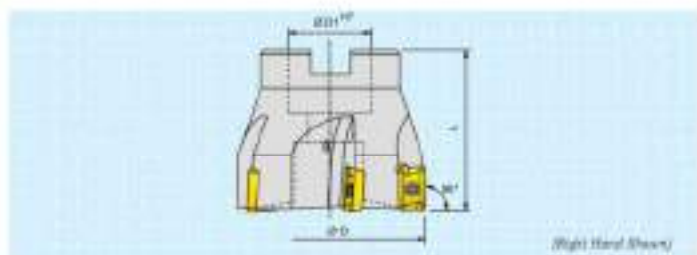
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	$\varnothing D$	$\varnothing D1$	$L1$	L			Z			
ARRC 2520 06	25	20	32	100			02	K127	RCMT D602MO	751025
ARRC 3225 06	32	25	32	125			02	K127	RCMT D602MO	751032
ARRC 4032 06	40	32	40	150			03	K127	RCMT D602MO	751040
ARRC 5032 06	50	32	50	200			04	K127	RCMT D602MO	751050
ARRC 2520 12	25	20	40	150			02	K102	RCMT 1204MO	751125
ARRC 3225 12	32	25	40	150			02	K102	RCMT 1204MO	751132
ARRC 4032 12	40	32	40	150			03	K102	RCMT 1204MO	751140
ARRC 5032 12	50	32	50	200			04	K102	RCMT 1204MO	751150

Spare Parts

Spare Type	Torx Screw								Torx Key
K127	7003*Z								6002
K102	7005*Z								6001

90° Facing square shoulder cutter thru coolant (APKT)

Milling Cutter



ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	$\varnothing D$	$\varnothing D1$	L				Z			
OAAP 04016 16	40	16	40				04	K158	APKT 1604--	751852
OAAP 05022 16	50	22	40				05	K158	APKT 1604--	751854
OAAP 06322 16	63	22	40				06	K158	APKT 1604--	751856
OAAP 08027 16	80	27	50				07	K158	APKT 1604--	751858
OAAP 10032 16	100	32	50				08	K158	APKT 1604--	751860

Spare Parts

Spare Type	Torx Screw								Torx Key
K158	7003*Z								6002



Glanze

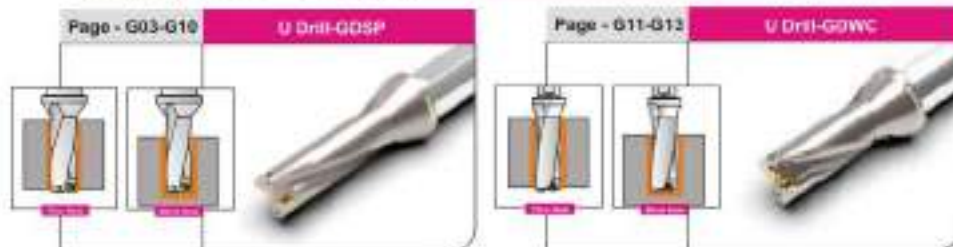
Indexable Tool Holders

Drilling

PERFORMANCE TOOLING

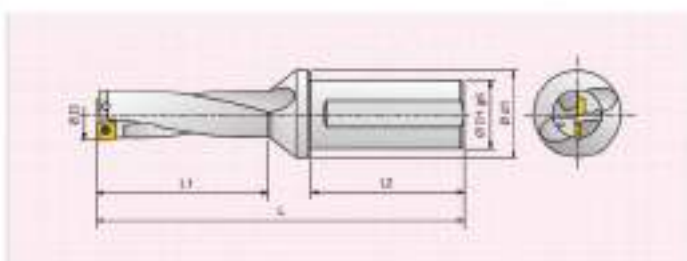
www.glanze.com

G03-G13 U Drills



U Drill

U Drill GDSP - 2D



(Right Hand Flute)

ISO Designation	Dimension (mm)							Spindle Type	Insert	Ordering No.
	Ø D	Ø D1	Ø d1	L1	L2		L			
GDSP2-125S20F094-05B	12.5	020	025	026	050		094	K169	SPMG 050294	810200
GDSP2-130S20F094-05B	13.0	020	025	026	050		094			810202
GDSP2-135S20F096-05B	13.5	020	025	028	050		096			810204
GDSP2-140S20F098-05B	14.0	020	025	028	050		098			810206
GDSP2-145S20F099-05B	14.5	020	025	030	050		099			810208
GDSP2-150S20F099-05B	15.0	020	025	030	050		099			810210
GDSP2-155S25F108-06B	15.5	025	032	032	056		108	K194	SPMG 060294	810220
GDSP2-160S25F108-06B	16.0	025	032	032	056		108			810222
GDSP2-165S25F110-06B	16.5	025	032	034	056		110			810224
GDSP2-170S25F110-06B	17.0	025	032	034	056		110			810226
GDSP2-175S25F113-06B	17.5	025	032	036	056		113			810228
GDSP2-180S25F113-06B	18.0	025	032	036	056		113			810230
GDSP2-185S25F115-06B	18.5	025	032	038	056		115			810232
GDSP2-190S25F115-06B	19.0	025	032	038	056		115			810234
GDSP2-195S25F119-06B	19.5	025	032	040	056		119			810236
GDSP2-200S25F119-06B	20.0	025	032	040	056		119			810238
GDSP2-205S25F121-06B	20.5	025	032	042	056		121			810240
GDSP2-210S25F121-06B	21.0	025	032	042	056		121			810242
GDSP2-215S25F123-06B	21.5	025	032	044	056		123	K201	SPMG 07T396	810244
GDSP2-220S25F123-07B	22.0	025	032	044	056		123			810250
GDSP2-225S25F127-07B	22.5	025	42.5	046	056		127			810252
GDSP2-230S25F127-07B	23.0	025	42.5	046	056		127			810254
GDSP2-235S25F130-07B	23.5	025	42.5	048	056		130			810256
GDSP2-240S25F130-07B	24.0	025	42.5	048	056		130			810258
GDSP2-245S25F133-07B	24.5	025	42.5	050	056		133			810260
GDSP2-250S25F133-07B	25.0	025	42.5	050	056		133			810262
GDSP2-255S25F136-07B	25.5	028	42.5	052	056		136			810264
GDSP2-260S25F135-07B	26.0	025	42.5	052	056		135			810266

U Drill

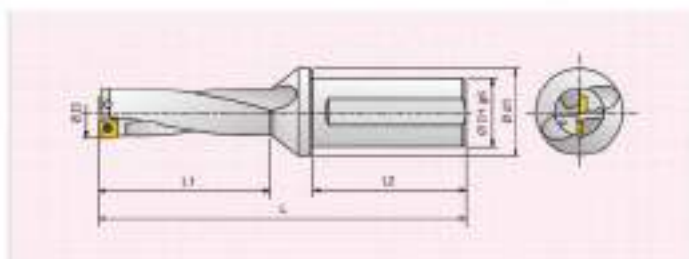
U Drill GDSP - 2D

ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	Ø D	Ø D1	Ø d1	L1	L2		L			
GDSP2-265S25F137-07B	26.5	025	42.5	054	056		137	K201	SPMG 07T308	810268
GDSP2-270S25F137-07B	27.0	025	42.5	054	056		137			810270
GDSP2-275S25F140-07B	27.5	025	42.5	056	056		140			810272
GDSP2-280S32F144-09B	28.0	032	42.5	056	060		144	K102	SPMG 090408	810280
GDSP2-285S32F146-09B	28.5	032	42.5	058	060		146			810282
GDSP2-290S32F146-09B	29.0	032	42.5	058	060		146			810284
GDSP2-295S32F151-09B	29.5	032	053	060	060		151			810286
GDSP2-300S32F151-09B	30.0	032	053	060	060		151			810288
GDSP2-305S32F154-09B	30.5	032	053	062	060		154			810290
GDSP2-310S32F154-09B	31.0	032	053	062	060		154			810292
GDSP2-315S32F156-09B	31.5	032	053	064	060		156			810294
GDSP2-320S32F156-09B	32.0	032	053	064	060		156			810296
GDSP2-325S32F159-09B	32.5	032	053	066	060		159			810298
GDSP2-330S32F159-09B	33.0	032	053	066	060		159			810300
GDSP2-335S32F159-09B	33.5	032	053	066	060		159			810302
GDSP2-340S32F161-11B	34.0	032	053	068	060		161	K199	SPMG 110408	810310
GDSP2-345S32F161-11B	34.5	032	053	068	060		161			810312
GDSP2-350S32F164-11B	35.0	032	053	070	060		164			810314
GDSP2-355S32F164-11B	35.5	032	053	070	060		164			810316
GDSP2-360S40F177-11B	36.0	040	053	072	070		177			810318
GDSP2-370S40F180-11B	37.0	040	053	074	070		180			810320
GDSP2-380S40F183-11B	38.0	040	053	076	070		183			810322
GDSP2-390S40F185-11B	39.0	040	053	078	070		185			810324
GDSP2-395S40F185-11B	39.5	040	053	078	070		185			810326
GDSP2-400S40F188-11B	40.0	040	060	080	070		188			810328
GDSP2-410S40F191-11B	41.0	040	060	082	070		191			810330
GDSP2-420S40F193-14B	42.0	040	060	084	070		193	K200	SPMG 140512	810340
GDSP2-430S40F196-14B	43.0	040	060	086	070		196			810342
GDSP2-440S40F198-14B	44.0	040	060	088	070		198			810344
GDSP2-450S40F202-14B	45.0	040	060	090	070		202			810346
GDSP2-460S40F205-14B	46.0	040	060	092	070		205			810348
GDSP2-470S40F207-14B	47.0	040	060	094	070		207			810350
GDSP2-480S40F210-14B	48.0	040	060	096	070		210			810352
GDSP2-490S40F212-14B	49.0	040	060	098	070		212			810354
GDSP2-500S40F215-14B	50.0	040	060	100	070		215			810356

Spare Parts

Spare Type	Torx Screw							Torx Key
								
K169	7013*2							6003
K198	7014*2							6003
K201	7017*2							6002
K102	7006*2							6001
K199	7015*2							6001
K200	7016*2							6004

U Drill



Right Hand Flute

ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	Ø D	Ø D1	Ø d1	L1	L2		L			
GDSP3-12S20F107-05B	12.5	Ø20	Ø25	038	050		107	K169	SPMG 099204	810400
GDSP3-13S20F107-05B	13.0	Ø20	Ø25	038	050		107			810402
GDSP3-13S20F110-05B	13.5	Ø20	Ø25	042	050		110			810404
GDSP3-14S20F110-05B	14.0	Ø20	Ø25	042	050		110			810406
GDSP3-14S20F114-05B	14.5	Ø20	Ø25	045	050		114			810408
GDSP3-15S20F114-05B	15.0	Ø20	Ø25	045	050		114			810410
GDSP3-15S25F124-06B	15.5	Ø25	Ø32	048	056		124	K198	SPMG 060204	810420
GDSP3-16S25F124-06B	16.0	Ø25	Ø32	048	056		124			810422
GDSP3-16S25F127-06B	16.5	Ø25	Ø32	051	056		127			810424
GDSP3-17S25F127-06B	17.0	Ø25	Ø32	051	056		127			810426
GDSP3-17S25F131-06B	17.5	Ø25	Ø32	054	056		131			810428
GDSP3-18S25F131-06B	18.0	Ø25	Ø32	054	056		131			810430
GDSP3-18S25F134-06B	18.5	Ø25	Ø32	057	056		134			810432
GDSP3-19S25F134-06B	19.0	Ø25	Ø32	057	056		134			810434
GDSP3-19S25F139-06B	19.5	Ø25	Ø32	060	056		139			810436
GDSP3-20S25F139-06B	20.0	Ø25	Ø32	060	056		139			810438
GDSP3-20S25F142-06B	20.5	Ø25	Ø32	063	056		142			810440
GDSP3-21S25F142-07B	21.0	Ø25	Ø32	063	056		142			810442
GDSP3-21S25F145-06B	21.5	Ø25	Ø32	066	056		145	K201	SPMG 077308	810444
GDSP3-22S25F145-07B	22.0	Ø25	Ø32	066	056		145			810450
GDSP3-22S25F150-07B	22.5	Ø25	Ø2.5	069	056		150			810452
GDSP3-23S25F150-07B	23.0	Ø25	Ø2.5	069	056		150			810454
GDSP3-23S25F154-07B	23.5	Ø25	Ø2.5	072	056		154			810456
GDSP3-24S25F154-07B	24.0	Ø25	Ø2.5	072	056		154			810458
GDSP3-24S25F158-07B	24.5	Ø25	Ø2.5	075	056		158			810460
GDSP3-25S25F158-07B	25.0	Ø25	Ø2.5	075	056		158			810462
GDSP3-25S25F161-07B	25.5	Ø25	Ø2.5	078	056		161			810464
GDSP3-26S25F161-07B	26.0	Ø25	Ø2.5	078	056		161			810466

U Drill

U Drill GDSP - 3D

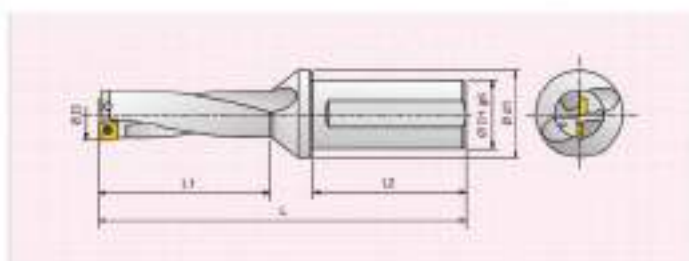
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	Ø D	Ø D1	Ø d1	L1	L2		L			
GDSP3-265S25F164-07B	26.5	025	42.5	081	056		164	K201	SPMG 07T308	810468
GDSP3-270S25F164-07B	27.0	025	42.5	081	056		164			810470
GDSP3-275S25F168-07B	27.5	025	42.5	084	056		168			810472
GDSP3-280S32F172-09B	28.0	032	42.5	084	060		172	K102	SPMG 090408	810480
GDSP3-285S32F171-09B	28.5	032	42.5	087	060		171			810482
GDSP3-290S32F175-09B	29.0	032	42.5	087	060		175			810484
GDSP3-295S32F181-09B	29.5	032	053	090	060		181			810486
GDSP3-300S32F181-09B	30.0	032	053	090	060		181			810488
GDSP3-305S32F185-09B	30.5	032	053	093	060		185			810490
GDSP3-310S32F185-09B	31.0	032	053	093	060		185			810492
GDSP3-315S32F188-09B	31.5	032	053	096	060		188			810494
GDSP3-320S32F188-09B	32.0	032	053	096	060		188			810496
GDSP3-325S32F192-09B	32.5	032	053	099	060		192			810498
GDSP3-330S32F192-09B	33.0	032	053	099	060		192			810500
GDSP3-335S32F192-09B	33.5	032	053	099	060		192			810502
GDSP3-340S32F195-11B	34.0	032	053	102	060		195	K199	SPMG 110408	810510
GDSP3-350S32F199-11B	35.0	032	053	105	060		199			810512
GDSP3-355S32F200-11B	35.5	032	053	105	060		200			810514
GDSP3-360S40F213-11B	36.0	040	053	108	070		213			810516
GDSP3-370S40F217-11B	37.0	040	053	111	070		217			810518
GDSP3-375S40F221-11B	37.5	040	053	114	070		221			810520
GDSP3-380S40F221-11B	38.0	040	053	114	070		221			810522
GDSP3-385S40F210-11B	38.5	040	053	117	070		210			810524
GDSP3-390S40F224-11B	39.0	040	053	117	070		224			810526
GDSP3-400S40F228-11B	40.0	040	060	120	070		228			810528
GDSP3-405S40F232-11B	40.5	040	060	123	070		232			810530
GDSP3-410S40F232-11B	41.0	040	060	123	070		232			810532
GDSP3-415S40F232-11B	41.5	040	060	126	070		232			810534
GDSP3-420S40F235-14B	42.0	040	060	126	070		235	K200	SPMG 140512	810540
GDSP3-430S40F239-14B	43.0	040	060	129	070		239			810542
GDSP3-440S40F242-14B	44.0	040	060	132	070		242			810544
GDSP3-450S40F247-14B	45.0	040	060	135	070		247			810546
GDSP3-460S40F251-14B	46.0	040	060	138	070		251			810548
GDSP3-470S40F254-14B	47.0	040	060	141	070		254			810550
GDSP3-480S40F258-14B	48.0	040	060	144	070		258			810552
GDSP3-490S40F261-14B	49.0	040	060	147	070		261			810554
GDSP3-500S40F265-14B	50.0	040	060	150	070		265			810556

Spare Parts

Spare Type	Torx Screw							Torx Key
								
K169	7013*2							6003
K198	7014*2							6003
K201	7017*2							6002
K102	7006*2							6001
K199	7015*2							6001
K200	7016*2							6004

U Drill

U Drill GDSP - 4D



(Right Hand Flute)

ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	Ø D	Ø D1	Ø d1	L1	L2		L			
GDSP4-125S20F120-05B	12.5	Ø20	Ø25	Ø52	Ø50		120	K199	SPMG 050204	810600
GDSP4-130S20F120-05B	13.0	Ø20	Ø25	Ø52	Ø50		120			810602
GDSP4-135S20F124-05B	13.5	Ø20	Ø25	Ø56	Ø50		124			810604
GDSP4-140S20F124-05B	14.0	Ø20	Ø25	Ø56	Ø50		124			810606
GDSP4-145S20F129-05B	14.5	Ø20	Ø25	Ø60	Ø50		129			810608
GDSP4-150S20F129-05B	15.0	Ø20	Ø25	Ø60	Ø50		129			810610
GDSP4-155S25F140-06B	15.5	Ø25	Ø32	Ø64	Ø56		140	K196	SPMG 060204	810620
GDSP4-160S25F140-06B	16.0	Ø25	Ø32	Ø64	Ø56		140			810622
GDSP4-165S25F144-06B	16.5	Ø25	Ø32	Ø68	Ø56		144			810624
GDSP4-170S25F144-06B	17.0	Ø25	Ø32	Ø68	Ø56		144			810626
GDSP4-175S25F149-06B	17.5	Ø25	Ø32	Ø72	Ø56		149			810628
GDSP4-180S25F149-06B	18.0	Ø25	Ø32	Ø72	Ø56		149			810630
GDSP4-185S25F153-06B	18.5	Ø25	Ø32	Ø76	Ø56		153			810632
GDSP4-190S25F153-06B	19.0	Ø25	Ø32	Ø76	Ø56		153			810634
GDSP4-195S25F159-06B	19.5	Ø25	Ø32	Ø80	Ø56		159			810636
GDSP4-200S25F159-06B	20.0	Ø25	Ø32	Ø80	Ø56		159			810638
GDSP4-205S25F163-06B	20.5	Ø25	Ø32	Ø84	Ø56		163			810640
GDSP4-210S25F163-06B	21.0	Ø25	Ø32	Ø84	Ø56		163			810642
GDSP4-215S25F167-06B	21.5	Ø25	Ø32	Ø88	Ø56		167	K201	SPMG 07T308	810644
GDSP4-220S25F167-07B	22.0	Ø25	Ø32	Ø88	Ø56		167			810650
GDSP4-225S25F173-07B	22.5	Ø25	Ø42.5	Ø92	Ø56		173			810652
GDSP4-230S25F173-07B	23.0	Ø25	Ø42.5	Ø92	Ø56		173			810654
GDSP4-235S25F178-07B	23.5	Ø25	Ø42.5	Ø96	Ø56		178			810656
GDSP4-240S25F178-07B	24.0	Ø25	Ø42.5	Ø96	Ø56		178			810658
GDSP4-245S25F183-07B	24.5	Ø25	Ø42.5	100	Ø56		183			810660
GDSP4-250S25F183-07B	25.0	Ø25	Ø42.5	100	Ø56		183			810662
GDSP4-255S25F187-07B	25.5	Ø25	Ø42.5	104	Ø56		187			810664
GDSP4-260S25F187-07B	26.0	Ø25	Ø42.5	104	Ø56		187			810666

U Drill

U Drill GDSP - 4D

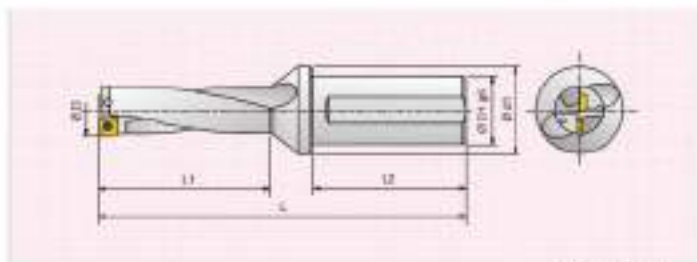
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	Ø D	Ø D1	Ø d1	L1	L2		L			
GDSP4-265S25F191-07B	26.5	025	42.5	108	056		191	K201	SPMG 07T308	810668
GDSP4-270S25F191-07B	27.0	025	42.5	108	056		191			810670
GDSP4-275S25F196-07B	27.5	025	42.5	112	056		196			810672
GDSP4-280S32F200-09B	28.0	032	42.5	112	060		200	K102	SPMG 090408	810680
GDSP4-285S32F204-09B	28.5	032	42.5	116	060		204			810682
GDSP4-290S32F204-09B	29.0	032	42.5	116	060		204			810684
GDSP4-295S32F211-09B	29.5	032	053	120	060		211			810686
GDSP4-300S32F211-09B	30.0	032	053	120	060		211			810688
GDSP4-305S32F216-09B	30.5	032	053	124	060		216			810690
GDSP4-310S32F216-09B	31.0	032	053	124	060		216			810692
GDSP4-315S32F220-09B	31.5	032	053	128	060		220			810694
GDSP4-320S32F220-09B	32.0	032	053	128	060		220			810696
GDSP4-325S32F225-09B	32.5	032	053	132	060		225			810698
GDSP4-330S32F225-09B	33.0	032	053	132	060		225			810700
GDSP4-340S32F229-11B	34.0	032	053	136	060		229	K199	SPMG 110408	810710
GDSP4-350S32F234-11B	35.0	032	053	140	060		234			810712
GDSP4-360S40F249-11B	36.0	040	053	144	070		249			810714
GDSP4-370S40F254-11B	37.0	040	053	148	070		254			810716
GDSP4-380S40F259-11B	38.0	040	053	152	070		259			810718
GDSP4-390S40F263-11B	39.0	040	053	156	070		263			810720
GDSP4-400S40F268-11B	40.0	040	060	160	070		268			810722
GDSP4-410S40F273-11B	41.0	040	060	164	070		273			810724
GDSP4-420S40F277-14B	42.0	040	060	168	070		277	K200	SPMG 140512	810730
GDSP4-430S40F282-14B	43.0	040	060	172	070		282			810732
GDSP4-440S40F286-14B	44.0	040	060	176	070		286			810734
GDSP4-450S40F292-14B	45.0	040	060	180	070		292			810736
GDSP4-460S40F297-14B	46.0	040	060	184	070		297			810738
GDSP4-470S40F301-14B	47.0	040	060	188	070		301			810740
GDSP4-480S40F306-14B	48.0	040	060	192	070		306			810742
GDSP4-490S40F310-14B	49.0	040	060	196	070		310			810744
GDSP4-500S40F315-14B	50.0	040	060	200	070		315			810746

Spare Parts

Spare Type	Torx Screw							Torx Key
								
K169	7013*2							6003
K198	7014*2							6003
K201	7017*2							6002
K102	7006*2							6001
K199	7015*2							6001
K200	7016*2							6004

U Drill

U Drill GDSP - 5D



(Right Hand Thread)

ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	Ø D	Ø D1	Ø d1	L1	L2		L			
GDSP5-125S20F133-05B	12.5	020	025	065	060		133	K169	SPMG 059204	810800
GDSP5-130S20F133-05B	13.0	020	025	065	060		133			810802
GDSP5-135S20F133-05B	13.5	020	025	070	060		138			810804
GDSP5-140S20F133-05B	14.0	020	025	070	060		138			810806
GDSP5-145S20F144-05B	14.5	020	025	075	060		144			810808
GDSP5-150S20F144-05B	15.0	020	025	075	060		144			810810
GDSP5-155S25F156-06B	15.5	025	032	080	056		156	K198	SPMG 060204	810820
GDSP5-160S25F156-06B	16.0	025	032	080	056		156			810822
GDSP5-165S25F161-06B	16.5	025	032	085	056		161			810824
GDSP5-170S25F161-06B	17.0	025	032	085	056		161			810826
GDSP5-175S25F167-06B	17.5	025	032	090	056		167			810828
GDSP5-180S25F167-06B	18.0	025	032	090	056		167			810830
GDSP5-185S25F172-06B	18.5	025	032	095	056		172			810832
GDSP5-190S25F172-06B	19.0	025	032	095	056		172			810834
GDSP5-195S25F179-06B	19.5	025	032	100	056		179			810836
GDSP5-200S25F179-06B	20.0	025	032	100	056		179			810838
GDSP5-205S25F184-06B	20.5	025	032	105	056		184			810840
GDSP5-210S25F184-06B	21.0	025	032	105	056		184			810842
GDSP5-215S25F189-06B	21.5	025	032	110	056		189	K201	SPMG 07T308	810844
GDSP5-220S25F189-07B	22.0	025	032	110	056		189			810850
GDSP5-225S32F200-07B	22.5	032	42.5	115	060		200			810852
GDSP5-230S32F200-07B	23.0	032	42.5	115	060		200			810854
GDSP5-235S32F206-07B	23.5	032	42.5	120	060		206			810856
GDSP5-240S32F206-07B	24.0	032	42.5	120	060		206			810858
GDSP5-245S32F212-07B	24.5	032	42.5	125	060		212			810860
GDSP5-250S32F212-07B	25.0	032	42.5	125	060		212			810862
GDSP5-255S32F217-07B	25.5	032	42.5	130	060		217			810864
GDSP5-260S32F217-07B	26.0	032	42.5	130	060		217			810866

U Drill

U Drill GDSP - 5D

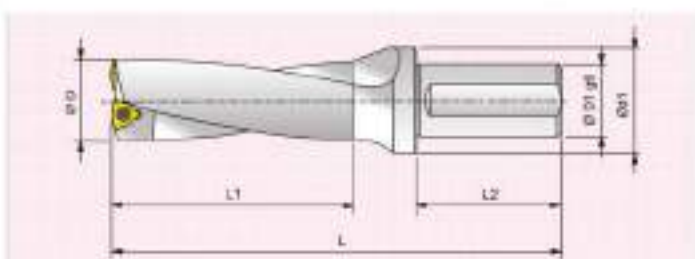
ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	Ø D	Ø D1	Ø d1	L1	L2		L			
GDSP5-265S32F222-07B	26.5	032	42.5	135	060		222	K201	SPMG 07T308	810868
GDSP5-270S32F222-07B	27.0	032	42.5	135	060		222			810870
GDSP5-275S32F228-07B	27.5	032	42.5	140	060		228			810872
GDSP5-280S32F228-09B	28.0	032	42.5	140	060		228	K102	SPMG 090408	810880
GDSP5-285S32F233-09B	28.5	032	42.5	145	060		233			810882
GDSP5-290S32F233-09B	29.0	032	42.5	145	060		233			810884
GDSP5-295S32F241-09B	29.5	032	053	150	060		241			810886
GDSP5-300S32F241-09B	30.0	032	053	150	060		241			810888
GDSP5-310S32F247-09B	31.0	032	053	155	060		247			810890
GDSP5-320S32F252-09B	32.0	032	053	160	060		252			810892
GDSP5-330S32F258-09B	33.0	032	053	165	060		258			810894
GDSP5-340S32F263-11B	34.0	032	053	170	060		263	K199	SPMG 110408	810900
GDSP5-350S32F269-11B	35.0	032	053	175	060		269			810902
GDSP5-360S40F285-11B	36.0	040	053	180	070		285			810904
GDSP5-370S40F291-11B	37.0	040	053	185	070		291			810906
GDSP5-380S40F297-11B	38.0	040	053	190	070		297			810908
GDSP5-390S40F302-11B	39.0	040	053	195	070		302			810910
GDSP5-400S40F308-11B	40.0	040	060	200	070		308			810912
GDSP5-410S40F314-11B	41.0	040	060	205	070		314			810914
GDSP5-420S40F319-14B	42.0	040	060	210	070		319	K200	SPMG 140512	810920
GDSP5-430S40F325-14B	43.0	040	060	215	070		325			810922
GDSP5-440S40F330-14B	44.0	040	060	220	070		330			810924
GDSP5-450S40F337-14B	45.0	040	060	225	070		337			810926
GDSP5-460S40F343-14B	46.0	040	060	230	070		343			810928
GDSP5-470S40F348-14B	47.0	040	060	235	070		348			810930
GDSP5-480S40F354-14B	48.0	040	060	240	070		354			810932
GDSP5-490S40F359-14B	49.0	040	060	245	070		359			810934
GDSP5-500S40F365-14B	50.0	040	060	250	070		365			810936

Spare Parts

Spare Type	Torx Screw							Torx Key
								
K169	7013*2							6003
K198	7014*2							6003
K201	7017*2							6002
K102	7006*2							6001
K199	7015*2							6001
K200	7016*2							6004

U Drill

U Drill GDWC - 2D



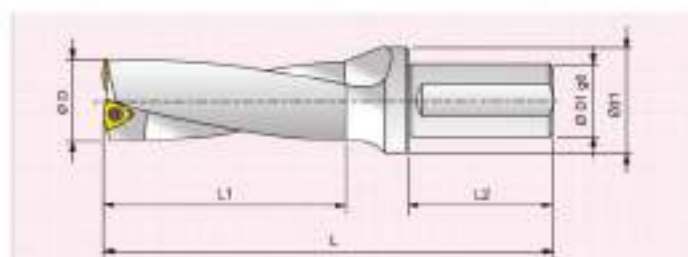
(Right Hand Flute)

ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	Ø D	Ø D1	Ø d1	L1	L2		L			
GDWC2-135-16-S3B	13.5	Ø16	Ø20	Ø27	Ø43		Ø88	K169	WCMT 8302 --	778800
GDWC2-140-16-S3B	Ø14	Ø16	Ø20	Ø28	Ø43		Ø90			778805
GDWC2-150-16-S3B	Ø15	Ø16	Ø20	Ø30	Ø43		Ø93			778810
GDWC2-155-16-Ø3B	15.5	Ø16	Ø20	Ø31	Ø43		Ø94	K170	WCMX Ø302 --	778815
GDWC2-180-16-Ø3B	Ø18	Ø16	Ø20	Ø36	Ø43		100			778820
GDWC2-190-20-Ø4B	Ø19	Ø20	Ø25	Ø38	Ø50		110	K171	WCMX Ø402 --	778825
GDWC2-245-20-Ø4B	24.5	Ø20	Ø25	Ø49	Ø50		126			778830
GDWC2-250-25-Ø5B	Ø25	Ø25	Ø32	Ø50	Ø56		134	K172	WCMX Ø503 --	778835
GDWC2-260-25-Ø5B	Ø26	Ø25	Ø32	Ø52	Ø56		136			778840
GDWC2-305-25-Ø5B	30.5	Ø25	Ø32	Ø61	Ø56		149			778845
GDWC2-315-32-Ø6B	31.5	Ø32	Ø42.5	Ø63	Ø60		156	K173	WCMX Ø6T3 --	778850
GDWC2-365-32-Ø6B	36.5	Ø32	Ø42.5	Ø73	Ø60		168			778855
GDWC2-380-32-Ø6B	Ø38	Ø32	Ø42.5	Ø78	Ø60		173			778860

Spare Parts

Spare Type	Torx Screw							Torx Key
								
K169	7013*2							6003
K170	7003*2							6002
K171	7003*2							6002
K172	7012*2							6005
K173	7006*2							6001

U Drill



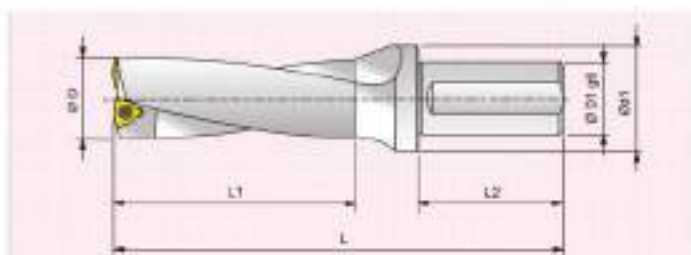
(Right Hand Flute)

ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	Ø D	Ø D1	Ø d1	L1	L2		L			
GDWC2.5-135-16-S3B	13.5	Ø16	Ø20	Ø34	Ø43		Ø95	K169	WCMT 8302 --	778801
GDWC2.5-140-16-S3B	Ø14	Ø16	Ø20	Ø35	Ø43		Ø97			778806
GDWC2.5-150-16-S3B	Ø15	Ø16	Ø20	Ø38	Ø43		101			778811
GDWC2.5-155-16-03B	15.5	Ø16	Ø20	Ø39	Ø43		102	K170	WCMX 0302 --	778816
GDWC2.5-180-16-03B	Ø18	Ø16	Ø20	Ø45	Ø43		109			778821
GDWC2.5-190-20-04B	Ø19	Ø20	Ø25	Ø48	Ø50		120			778826
GDWC2.5-245-20-04B	24.5	Ø20	Ø25	Ø61	Ø60		138	K171	WCMX 0402 --	778831
GDWC2.5-250-25-05B	Ø25	Ø25	Ø32	Ø63	Ø66		147			778836
GDWC2.5-260-25-05B	Ø26	Ø25	Ø32	Ø65	Ø66		149			778841
GDWC2.5-305-25-05B	30.5	Ø25	Ø32	Ø78	Ø66		164	K172	WCMX 0503 --	778846
GDWC2.5-315-32-06B	31.5	Ø32	Ø42.5	Ø78	Ø60		172			778851
GDWC2.5-365-32-06B	36.5	Ø32	Ø42.5	Ø91	Ø60		186			778856
GDWC2.5-380-32-06B	Ø38	Ø32	Ø42.5	Ø95	Ø60		192	K173	WCMX 06T3 --	778861

Spare Parts

Spare Type	Torx Screw							Torx Key
K169	7013*2							6003
K170	7003*2							6002
K171	7003*2							6002
K172	7012*2							6005
K173	7006*2							6001

U Drill



(Right Hand / Standard)

ISO Designation	Dimension (mm)							Spare Type	Insert	Ordering No.
	Ø D	Ø D1	Ø d1	L1	L2		L			
GDWC3-135-16-S3B	13.5	Ø16	Ø20	40.5	Ø43		102	K169	WCMT 9382 --	778802
GDWC3-140-16-S3B	Ø14	Ø16	Ø20	Ø42	Ø43		104			778807
GDWC3-150-16-S3B	Ø15	Ø16	Ø20	Ø45	Ø43		108			778812
GDWC3-155-16-Ø3B	15.5	Ø16	Ø20	46.5	Ø43		110	K170	WCMX 0382 --	778817
GDWC3-180-16-Ø3B	Ø18	Ø16	Ø20	Ø54	Ø43		118			778822
GDWC3-190-20-Ø4B	Ø19	Ø20	Ø25	Ø57	Ø50		129			778827
GDWC3-245-20-Ø4B	24.5	Ø20	Ø25	73.5	Ø50		151	K171	WCMX 0482 --	778832
GDWC3-250-25-Ø5B	Ø25	Ø25	Ø32	Ø75	Ø56		159			778837
GDWC3-260-25-Ø5B	Ø26	Ø25	Ø32	Ø78	Ø56		162			778842
GDWC3-305-25-Ø5B	30.5	Ø25	Ø32	91.5	Ø56		180	K172	WCMX 0683 --	778847
GDWC3-315-32-Ø6B	31.5	Ø32	42.5	94.5	Ø60		183			778852
GDWC3-365-32-Ø6B	36.5	Ø32	42.5	109.5	Ø60		205			778857
GDWC3-380-32-Ø6B	Ø38	Ø32	42.5	114	Ø60		211	K173	WCMX 06T3 --	778862

Spare Parts

Spare Type	Torx Screw							Torx Key
K169	7013*2							6003
K170	7003*2							6002
K171	7003*2							6002
K172	7012*2							6005
K173	7006*2							6001

Glanze

Indexable Tool Holders

BORING HEAD

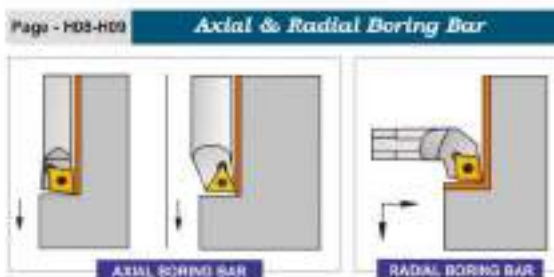
MORE ACCURATE & PRECISE TOOLING



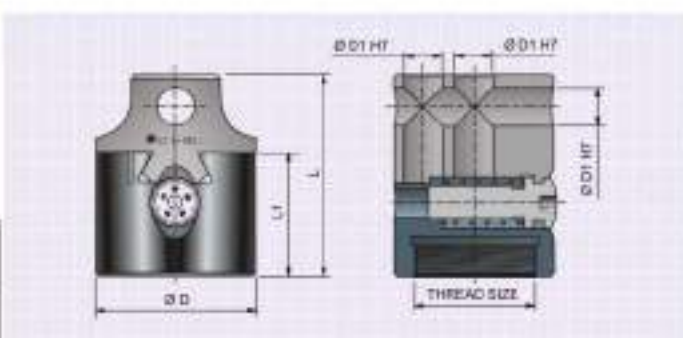
www.glanze.com

H-01

H03-H06 Boring Heads

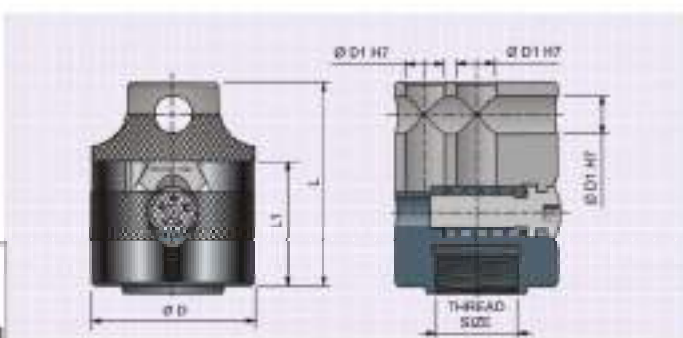


Boring Head



Description	Dimension (mm)						SpareType (Allen Key)	Ordering No.
	$\varnothing D$	$\varnothing D1 H7$	L_1	L	Thread Size	Least Count		
BORING HEAD DIA. 30	30	06	30	45	M10x1.5	0.015	5004 / 5003	170050
BORING HEAD DIA. 40	40	08	34	55	M14x1	0.015	5001 / 5002 / 5004	171160
BORING HEAD DIA. 44	44	10	33	55	UNEF 7/8"x20	0.015	5001 / 5004	170070
BORING HEAD DIA. 50	50	12	38.5	63	UNEF 1-1/2"x18	0.01	5004 / 5002	170090

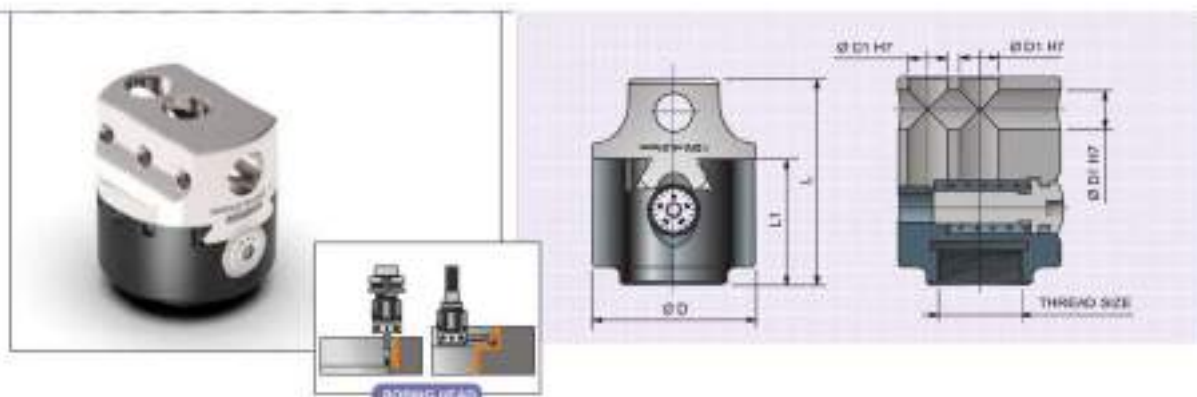
Boring Head



ISO Designation	Dimension (mm)						SpareType (Allen Key)	Ordering No.
	$\varnothing D$	$\varnothing D1 H7$	L_1	L	Thread Size	Least Count		
BORING HEAD DIA. 63	63	12	42	77	UNEF 7/8"x20	0.02	5001/5003/XX	170139

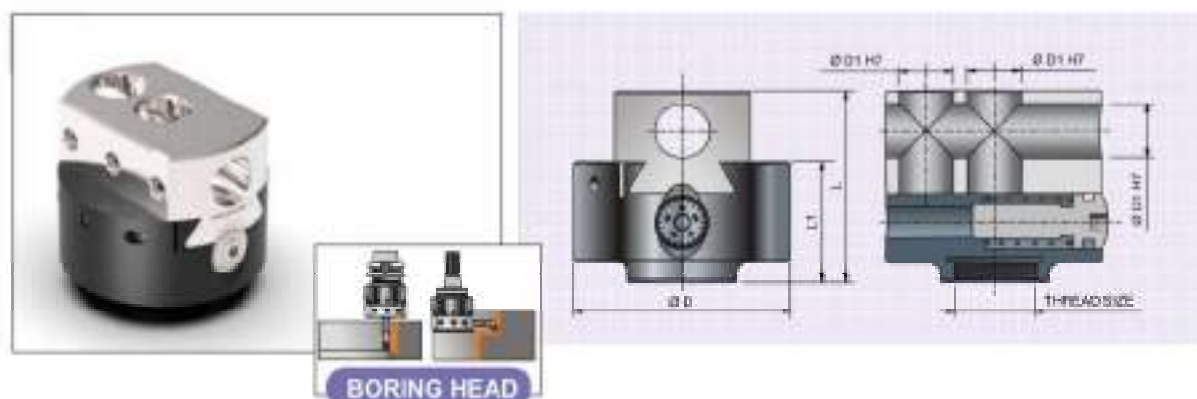
Glanze Indexable Tool Holders

Boring Head



ISO Designation	Dimension (mm)						Spare Type (Allen Key)	Ordering No.
	Ø D	Ø D1 H7	L1	L	Thread Size	Least Count		
BORING HEAD DIA. 75	75	18	47	81.5	UNEF 1-1/2"x18	0.01	5007 & 5008	170195
BORING HEAD DIA. 75	75	20	47	81.5	UNEF 1-1/2"x18	0.02	5007 & 5008	170100

Boring Head

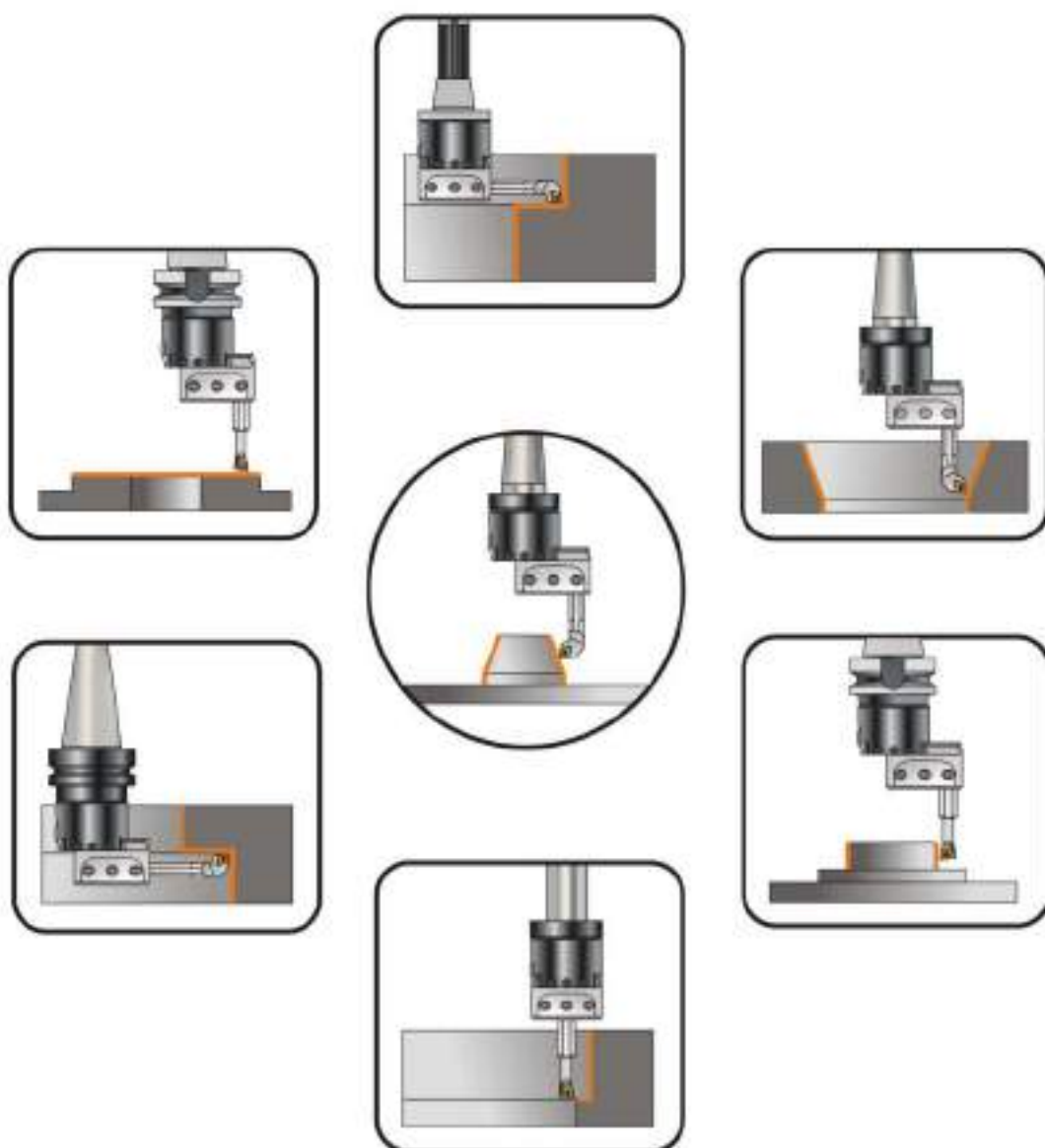


ISO Designation	Dimension (mm)						Spare Type (Allen Key)	Ordering No.
	Ø D	Ø D1 H7	L1	L	Thread Size	Least Count		
BORING HEAD DIA. 100	100	25	55.5	88.5	UNEF 1-1/2"x18	0.02	5007 & 5008	170110

Applications

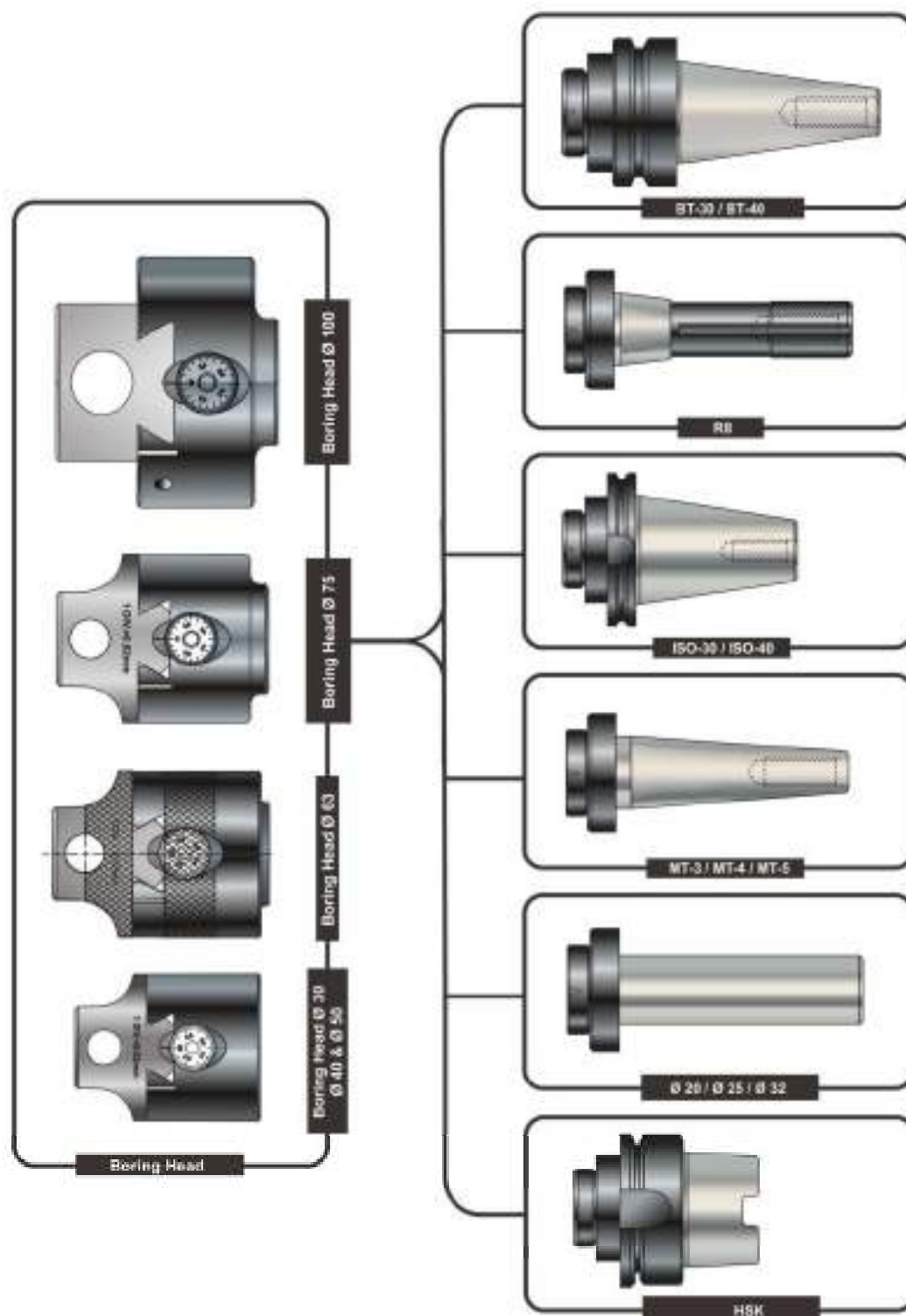
Boring Head

The Multipurpose Boring Head can be used on the Machining Centre or Conventional Milling Machine, depending on Arbor used. It is least count in 0.02mm with adjusting allen key. It has high rigidity under all cutting conditions. High precision Boring & Facing. It has good long life. Very versatile and useful in any machine shopfloor. Rigid designs and threaded interchangeable shanks for the boring head make it useful for machines with different tapers. The construction of the head is so designed that it is very useful for making heavy roughing cuts as well as more accurate finishing cuts.



Boring Head

Shank for Boring Heads manufactured from Alloy hardened and precision ground to ensure long life and accuracy. These shanks allow versatile use of Boring Heads.



Applications

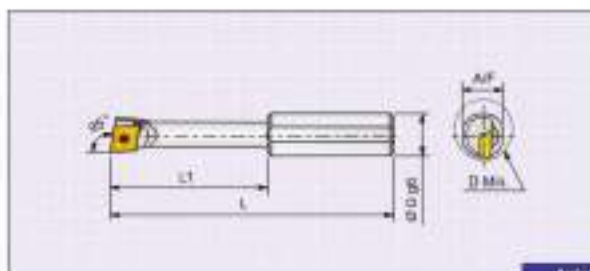
Boring Head

Ordering No.	DESIGNATION	Mounting Thread Size (Inches)	Suitable for Boring Head
170330	MORSE TAPER-3 WITH 3/8-16 DRAW BAR	1-1/2" x 18 TPI	170090,170100,170110
170340	MORSE TAPER-3 WITH M12 DRAW BAR	1-1/2" x 18 TPI	170090,170100,170110
170360	MORSE TAPER-4 WITH M12 DRAW BAR	1-1/2" x 18 TPI	170090,170100,170110
170—	MORSE TAPER-5 WITH M12 DRAW BAR	XX	170—
170370	ISO 30 WITH 1/2-13 DRAW BAR	1-1/2" x 18 TPI	170090,170100,170110
170380	ISO 40 WITH 5/8-11 DRAW BAR	1-1/2" x 18 TPI	170090,170100,170110
170450	STRAIGHT SHANK 20mm	7/8" x 20 TPI	170070,170139
170460	STRAIGHT SHANK 25mm	1-1/2" x 18 TPI	170090,170100,170110
170—	STRAIGHT SHANK 32mm	1-1/2" x 18 TPI	170090,170100,170110
170480	BT-30 WITH M12 DRAW BAR	1-1/2" x 18 TPI	170090,170100,170110
170470	BT-40 WITH M16 DRAW BAR	1-1/2" x 18 TPI	170090,170100,170110
170---	R-8 SHANK	1-1/2" x 18 TPI	170090,170100,170110
170—	HSK SHANK	1-1/2" x 18 TPI	170090,170100,170110



Boring Head

Axial & Radial Boring Bar



Axial Boring Bar

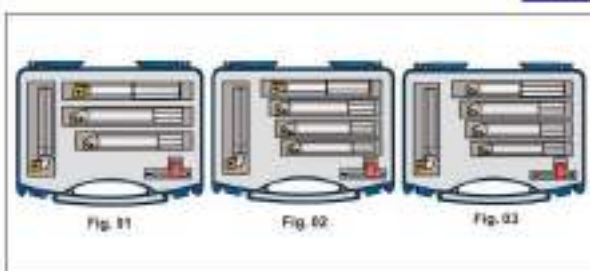
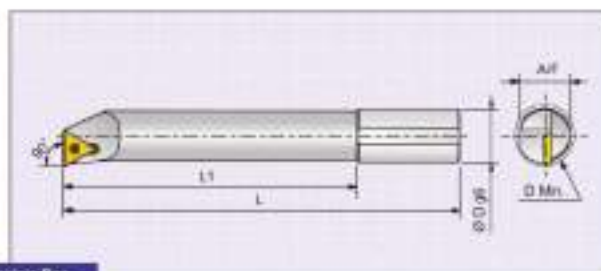
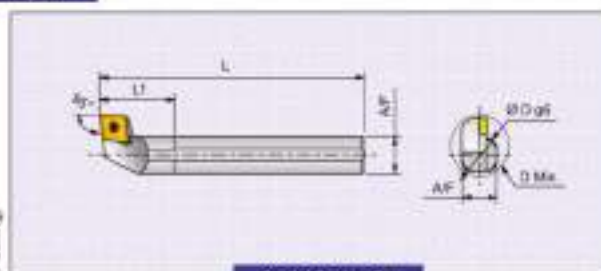


Fig. 01

Fig. 02

Fig. 03

(Packing)



Radial Boring Bar

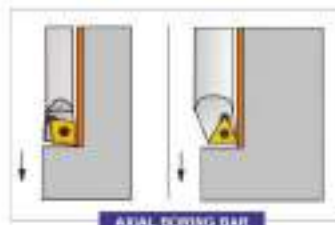
SET NO.	DESIGNATION	DIMENSION (mm)					INSERT	TORX SCREW	TORX KEY	Ordering No.
		Ø D g6	D Min.	L	L1	A/F				
742006 (Fig. No. 01)	G 10 C06	08	10	85	50	07	CCMT 0602-	7003	9002	742001
	G 12 T11	08	12	95	60	07	TCMT 1102-			742002
	G 16 T11	08	16	105	70	07	TCMT 1102-			742003
	R 06 C06	08	18	60	16	07	CCMT 0603-			742004
742100 (Fig. No. 01)	A 10 C06	10	10	85	50	09	CCMT 0602-	7003	9002	742101
	A 12 T11	10	12	95	60	09	TCMT 1102-			742102
	A 16 T11	10	16	105	70	09	TCMT 1102-			742103
	R 05 C06	10	18	60	22	09	CCMT 0602-			742104
742120 (Fig. No. 01)	B 10 C06	12	10	85	50	11	CCMT 0602-	7003	9002	742121
	B 12 T11	12	12	95	60	11	TCMT 1102-			742122
	B 16 T11	12	16	105	70	11	TCMT 1102-			742123
	R 100 C06	12	26	72	22	11	CCMT 0602-			742124
742160 (Fig. No. 02)	C 10 C06	16	10	85	50	15	CCMT 0602-	7003	9002	742161
	C 12 T11	16	12	95	60	15	TCMT 1102-			742162
	C 16 T11	16	16	105	70	15	TCMT 1102-			742163
	C 20 T11	16	20	135	100	15	TCMT 1102-			742164
	R 115 C09	16	38	123	35	15	CCMT 09T3-	7006	9001	742165
742180 (Fig. No. 02)	F 10 C06	18	10	85	50	17	CCMT 0602-	7003	9002	742181
	F 12 T11	18	12	95	60	17	TCMT 1102-			742182
	F 16 T11	18	16	105	70	17	TCMT 1102-			742183
	F 20 T11	18	20	135	100	17	TCMT 1102-			742184
	R 120 C09	18	38	123	35	17	CCMT 09T3-	7006	9001	742185
742200 (Fig. No. 02)	D 10 C06	20	10	85	50	18	CCMT 0602-	7003	9002	742201
	D 12 T11	20	12	95	60	18	TCMT 1102-			742202
	D 16 T11	20	16	105	70	18	TCMT 1102-			742203
	D 20 T11	20	20	135	100	18	TCMT 1102-			742204
	R 125 C09	20	38	123	35	18	CCMT 09T3-	7006	9001	742205

Axial & Radial Boring Bar

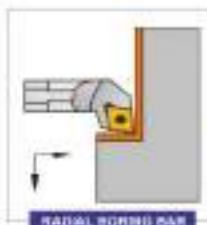
Boring Head

SET NO.	DESIGNATION	DIMENSION (mm)					INSERT 	TORX SCREW 	TORX KEY 	Ordering No.
		Ø D g6	D Min.	L	L1	A/F				
742259 (Fig. No. 03)	E 12 T11	25	12	95	60	23	TCMT 1102-	7003	6002	742251
	E 16 T11	25	16	105	70	23	TCMT 1102-			742252
	E 20 T11	25	20	135	100	23	TCMT 1102-			742253
	E 25 T11	25	25	160	125	23	TCMT 1102-			742254
	R 150 C09	25	44	134	35	23	CCMT 09T3-	7006	6001	742255

APPLICATION



AXIAL BORING BAR



RADIAL BORING BAR

- Axial Boring Bar** The Boring Bar use insert CCMT two 90° corners & mounted at 95° approach angle. It allows straight boring as well as internal facing cuts.
- Axial Boring Bar** The Boring Bar use insert TCMT three 60° corners & mounted at 90° approach angle. It allows straight boring as well as internal facing cuts.
- Axial Boring Bar** The Boring Bar use insert CCMT two 90° corners & mounted at 95° approach angle. It allows straight boring as well as internal facing cuts.

Glänze

Indexable Tool Holders

Set's



Multipurpose Tooling

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Index

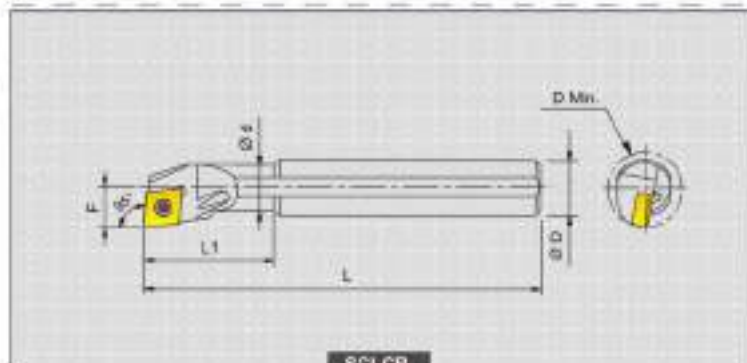
Page - H12	Set of 4 Thru Coolant Boring Bar - SCLCR 06
Page - H13	Set of 3 Thru Coolant Boring Bar - SCLCR 09
Page - H14	Set of 3 Thru Coolant Boring Bar - SDQCR 07
Page - H15	Set of 3 Thru Coolant Boring Bar - SDUCR 07
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Page - H-43	Set of Parting Block (Clamp Type) with parting blade 2032
Page - H-44	Set of Parting Block (Clamp Type) with parting blade 2026
Page - H-45	Set of Parting Block (Clamp Type) with parting blade 2032
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Glanze Indexable Tool Holders

Set No. 780700

Set of 4 Thru Coolant Boring Bar - SCLCR 06



SCLCR

DESIGNATION	DIMENSION (mm)						INSERT	TORX SCREW	TORX KEY	Ordering No.
	Ø D g6	Ø d	D Min.	F	L1	L				
A0608H SCLCR 06	8	6	9	4.5	25	100	CCMT 0602 -	7000	6000	710881
A0810J SCLCR 06	10	8	11	6	32	110	CCMT 0602 -			710883
A1012K SCLCR 06	12	10	13	7	38	125	CCMT 0602 -			710885
A1216M SCLCR 06	16	12	16	9	50	150	CCMT 0602 -			710887



(Packing)

Includes :

- A0608H SCLCR 06 - 1pc
- A0810J SCLCR 06 - 1pc
- A1012K SCLCR 06 - 1pc
- A1216M SCLCR 06 - 1pc
- Torx Key - 1pc

APPLICATION



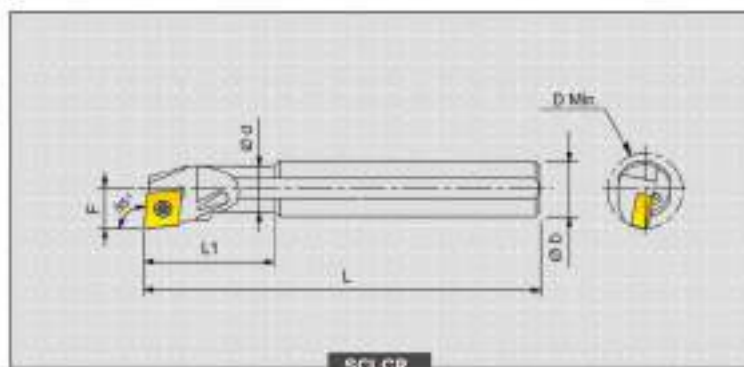
The Boring Bar SCLCR use insert CCMT two 80° corners & mounted at 95° approach angle. It allows straight boring as well as internal facing cuts.

A0608H SCLCR 06	Boring Bar Shank Dia. 8mm is 100mm long. It can bore minimum Dia. 5mm.
A0810J SCLCR 06	Boring Bar Shank Dia. 10mm is 110mm long. It can bore minimum Dia. 11mm.
A1012K SCLCR 06	Boring Bar Shank Dia. 12mm is 125mm long. It can bore minimum Dia. 13mm.
A1216M SCLCR 06	Boring Bar Shank Dia. 16mm is 150mm long. It can bore minimum Dia. 16mm.

(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATIONS)

Set of 3 Thru Coolant Boring Bar - SCLCR 09

Set No. 780707



SCLCR

DESIGNATION	DIMENSION (mm)						INSERT	TORX SCREW	TORX KEY	Ordering No.
	Ø D g6	Ø d	D Min.	F	L1	L				
A1216M SCLCR 09	16	12	15	9	38	150	CCMT 09T3 -			710691
A1620Q SCLCR 09	20	16	23	11	48	180	CCMT 09T3 -	7006	6901	710693
A2025R SCLCR 09	25	20	28	13	60	200	CCMT 09T3 -			710695



(Packaging)

Includes :

- A1216M SCLCR 09 - 1pc
- A1620Q SCLCR 09 - 1pc
- A2025R SCLCR 09 - 1pc
- Torx Key - 1pc

APPLICATION



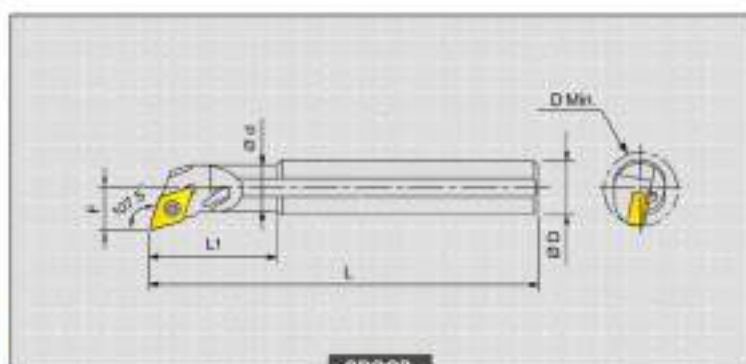
The Boring Bar SCLCR use Insert CCMT two 80° corners & mounted at 95° approach angle. It allows straight boring as well as internal facing cuts.

A1216M SCLCR 09	Boring Bar Shank Dia. 16mm is 150mm long. It can bore minimum Dia. 15mm
A1620Q SCLCR 09	Boring Bar Shank Dia. 20mm is 180mm long. It can bore minimum Dia. 23mm
A2025R SCLCR 09	Boring Bar Shank Dia. 25mm is 200mm long. It can bore minimum Dia. 28mm

(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATIONS)

Set No. 780726

Set of 3 Thru Coolant Boring Bar - SDQCR 07



DESIGNATION	DIMENSION (mm)						INSERT	TORX SCREW	TORX KEY	Ordering No.
	Ø D g6	Ø d	D Min.	F	L1	L				
A0810J SDQCR 07	10	8	12.5	7	22	110	DCMT 0702 -			721193
A1012K SDQCR 07	12	10	15.5	9	28	125	DCMT 0702 -	7003	6002	721195
A1216M SDQCR 07	16	12	19.5	11	36	150	DCMT 0702 -			721197

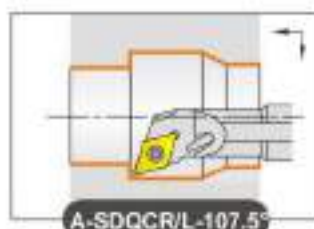


(Packing)

Includes :

- A0810J SDQCR 07 - 1pc
- A1012K SDQCR 07 - 1pc
- A1216M SDQCR 07 - 1pc
- Torx Key - 1pc

APPLICATION



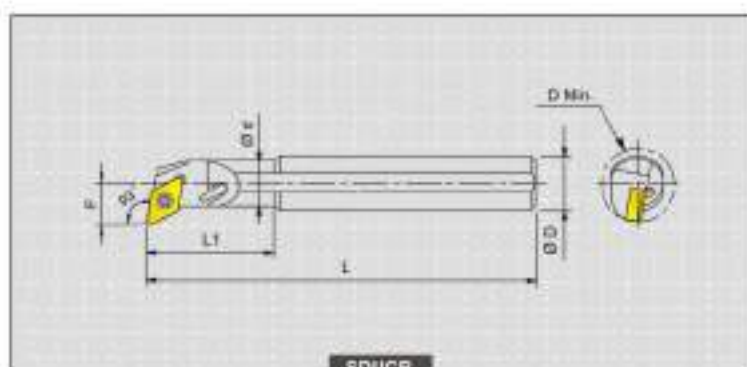
The Boring Bar SDQCR use insert DCMT two 55° corners & mounted at 107.5° approach angle. It allows straight boring as well as internal facing cuts.

A0810J SDQCR 07	Boring Bar Shank Dia. 10mm is 110mm long. It can bore minimum Dia. 12.5mm.
A1012K SDQCR 07	Boring Bar Shank Dia. 12mm is 125mm long. It can bore minimum Dia. 15.5mm.
A1216M SDQCR 07	Boring Bar Shank Dia. 16mm is 150mm long. It can bore minimum Dia. 19.5mm.

(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATIONS)

Set of 3 Thru Coolant Boring Bar - SDUCR 07

Set No. 780725



DESIGNATION	DIMENSION (mm)						INSERT	TORX SCREW	TORX KEY	Ordering No.
	Ø D g6	Ø d	D Min.	F	L1	L				
A0810J SDUCR 07	10	8	12.5	7	22	110	DCMT 0702 --	7003	6032	721183
A1012K SDUCR 07	12	10	15.5	9	28	125	DCMT 0702 --			721185
A1216M SDUCR 07	16	12	19.5	11	36	150	DCMT 0702 --			721187



(Packing)

Includes :

- A0810J SDUCR 07 - 1pc
- A1012K SDUCR 07 - 1pc
- A1216M SDUCR 07 - 1pc
- Torx Key - 1pc

APPLICATION



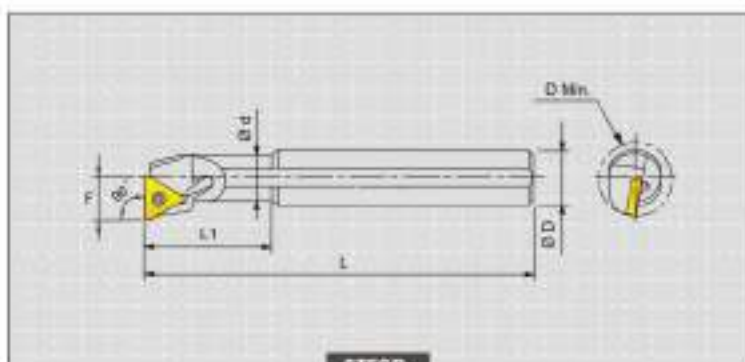
A-SDUCR/L-93°

The Boring Bar SDUCR use Insert DCMT two 55° corners & mounted at 93° approach angle. It allows straight boring as well as internal facing cuts.

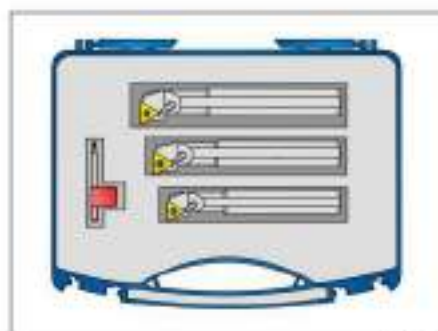
A0810J SDUCR 07	Boring Bar Shank Dia. 10mm is 110mm long. It can bore minimum Dia. 12.5mm
A1012K SDUCR 07	Boring Bar Shank Dia. 12mm is 125mm long. It can bore minimum Dia. 15.5mm
A1216M SDUCR 07	Boring Bar Shank Dia. 16mm is 150mm long. It can bore minimum Dia. 19.5mm

Set No. 780716

Set of 3 Thru Coolant Boring Bar - STFCR 11



DESIGNATION	DIMENSION (mm)						INSERT	TORX SCREW	TORX KEY	Ordering No.
	Ø D g6	Ø d	D Min.	F	L1	L				
A0810J STFCR 11	10	8	12.5	7	22	110	TCMT 1102 -	T003	0002	711273
A1012K STFCR 11	12	10	16	9	28	125	TCMT 1102 -			711275
A1216M STFCR 11	16	12	20	11	36	150	TCMT 1102 -			711277



(Packing)

Includes :

- A0810J STFCR 11 - 1pc
- A1012K STFCR 11 - 1pc
- A1216M STFCR 11 - 1pc
- Torx Key - 1pc

APPLICATION



The Boring Bar STFCR use Insert TCMT three 80° corners & mounted at 90° approach angle. It allows straight boring as well as internal facing cuts.

A0810J STFCR 11

Boring Bar Shank Dia. 10mm is 110mm long. It can bore minimum Dia. 12.5mm.

A1012K STFCR 11

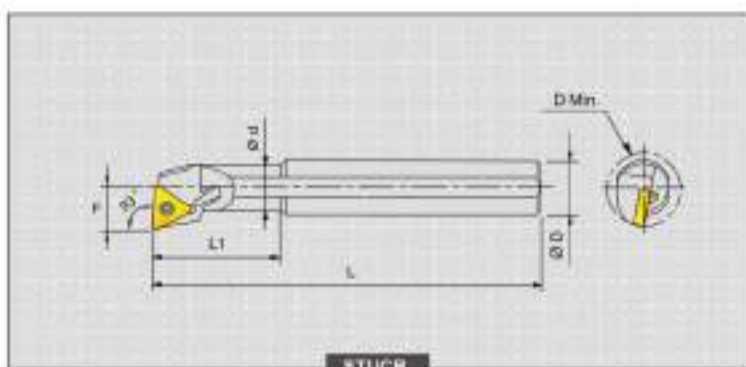
Boring Bar Shank Dia. 12mm is 125mm long. It can bore minimum Dia. 16mm.

A1216M STFCR 11

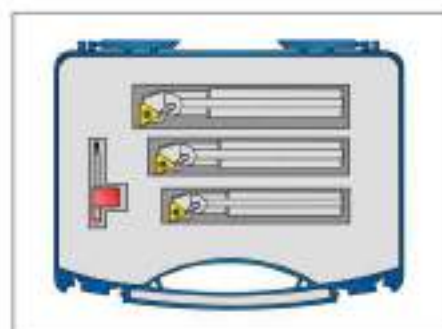
Boring Bar Shank Dia. 16mm is 150mm long. It can bore minimum Dia. 20mm.

Set of 3 Thru Coolant Boring Bar - STUCR 11

Set No. 780715



DESIGNATION	DIMENSION (mm)						INSERT	TORX SCREW	TORX KEY	Ordering No.
	Ø D g6	Ø d	D Min.	F	L1	L				
A0810J STUCR 11	10	8	12.5	7	25	110	TCMT 1102 -			711263
A1012K STUCR 11	12	10	16	9	32	125	TCMT 1102 -	7003	6002	711265
A1216M STUCR 11	16	12	20	11	40	150	TCMT 1102 -			711267

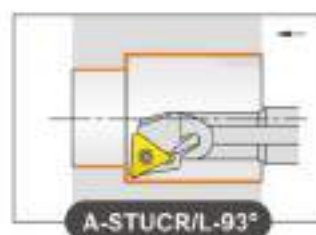


(Packing)

Includes :

- A0810J STUCR 11 - 1pc
- A1012K STUCR 11 - 1pc
- A1216M STUCR 11 - 1pc
- Torx Key - 1pc

APPLICATION

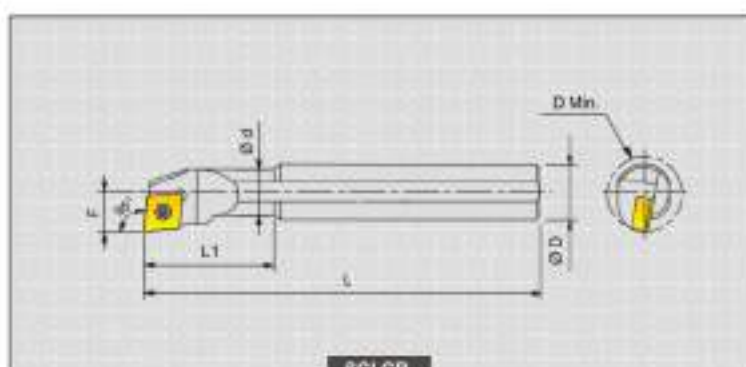


The Boring Bar STUCR use Insert TCMT three 60° corners & mounted at 93° approach angle. It allows straight boring as well as internal facing cuts.

A0810J STUCR 11	Boring Bar Shank Dia. 10mm is 110mm long. It can bore minimum Dia. 12.5mm.
A1012K STUCR 11	Boring Bar Shank Dia. 12mm is 125mm long. It can bore minimum Dia. 16mm.
A1216M STUCR 11	Boring Bar Shank Dia. 16mm is 150mm long. It can bore minimum Dia. 20mm.

Set No. 790435

Set of 4 Boring Bar - SCLCR 06



DESIGNATION	DIMENSION (mm)						INSERT	TORX SCREW	TORX KEY	Ordering No.
	$\varnothing D_{g6}$	$\varnothing d$	D Min.	F	L1	L				
S0608H SCLCR 06	8	6	9	4.5	25	100	CCMT 0602 -	T003	6002	720981
S0810K SCLCR 06	10	8	11	6	32	125	CCMT 0602 -			720982
S1012M SCLCR 06	12	10	13	7	38	150	CCMT 0602 -			720985
S1216Q SCLCR 06	16	12	16	9	50	180	CCMT 0602 -			720988



(Packing)

Includes :

- S0608H SCLCR 06 - 1pc
- S0810K SCLCR 06 - 1pc
- S1012M SCLCR 06 - 1pc
- S1216Q SCLCR 06 - 1pc
- Torx Key - 1pc

APPLICATION



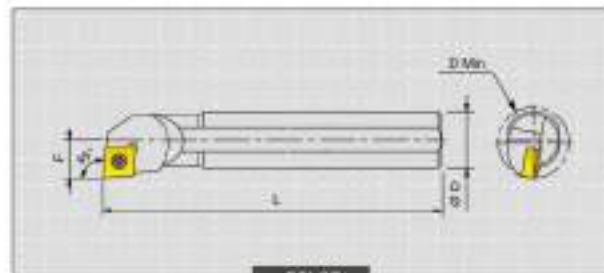
The Boring Bar SCLCR use Insert CCMT two 80° corners & mounted at 95° approach angle. It allows straight boring as well as internal facing cuts.

S0608H SCLCR 06	Boring Bar Shank Dia. 8mm is 100mm long. It can bore minimum Dia. 5mm.
S0810K SCLCR 06	Boring Bar Shank Dia. 10mm is 125mm long. It can bore minimum Dia. 11mm.
S1012M SCLCR 06	Boring Bar Shank Dia. 12mm is 150mm long. It can bore minimum Dia. 13mm.
S1216Q SCLCR 06	Boring Bar Shank Dia. 16mm is 180mm long. It can bore minimum Dia. 16mm.

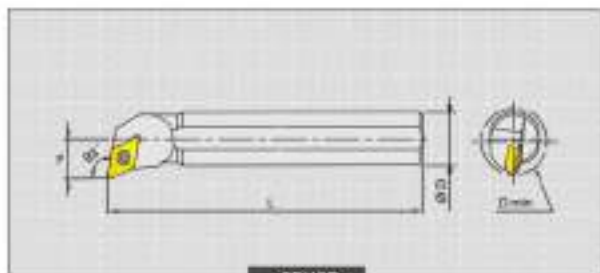
FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS IMPROVEMENTS.

Set of 3 Boring Bar SCLCR, SDUCR & STUCR

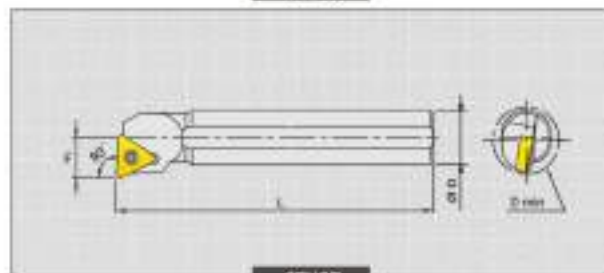
Set



SCLCR



SDUCR



STUCR

SET NO.	ISO DESIGNATION	DIMENSION (mm)				INSERT	TORX SCREW	TORX KEY	Ordering No.
		Ø D g6	D Min.	F	L				
790410	S10K SCLCR 06	10	13	7	125	CCMT 0602 ~	T003	6002	720928
	S10K SDUCR 07	10	14	7	125	DCMT 0702 ~			721031
	S10K STUCR 11	10	13	7	125	TCMT 1102 ~			721431
790415	S12M SCLCR 06	12	16	9	150	CCMT 0602 ~	T003	6002	720927
	S12M SDUCR 07	12	16	9	150	DCMT 0702 ~			721033
	S12M STUCR 11	12	16	9	150	TCMT 1102 ~			721433



(Packing)

Includes :

- Boring Bar SCLCR 06 - 1pc
- Boring Bar SDUCR 07 - 1pc
- Boring Bar STUCR 11 - 1pc
- Torx Key - 1pc

APPLICATION

• SCLCR	The Boring Bar SCLCR use insert CCMT two 80° corners & mounted at 93° approach angle.
• SDUCR	The Boring Bar SDUCR use insert DCMT two 55° corners & mounted at 93° approach angle.
• STUCR	The Boring Bar STUCR use insert TCMT three 60° corners & mounted at 90° approach angle.



S-SCLCR-95°



S-SDUCR-93°

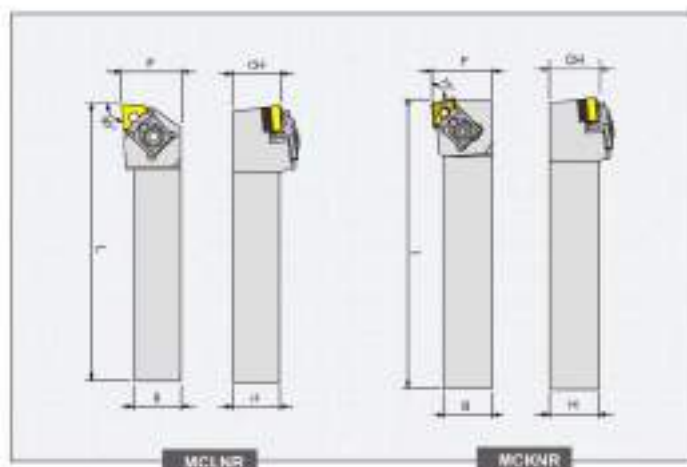


S-STUCR-93°

(SIZES/PCS ARE SUBJECT TO CHANGE DUE TO CONTRA/OS MODIFICATIONS)

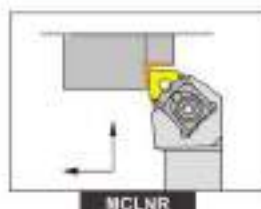
Set

Set of 2 Turning Tools MCLNR & MCKNR



Set No.	DESIGNATION	DIMENSION (mm)				COMPONENTS								Ordering No.
						INSERT	CLAMP	CLAMP SCREW	SHIM	LOCK PIN	ALLEN KEY		CIR-CLIP	
		H=CH	B	F	L									
777764	MCLNR 2020 K12	20	20	25	125	CNMG 1204	4015	2023	3048	11011	5002-C/S	5001-S/S	-	771691
	MCKNR 2020 K12	20	20	25	125	CNMG 1204	4015	2023	3048	11011	5002-C/S	5001-S/S	-	771714
777765	MCLNR 2525 M12	25	25	32	150	CNMG 1204	4015	2023	3048	11011	5002-C/S	5001-S/S	-	771692
	MCKNR 2525 M12	25	25	32	150	CNMG 1204	4015	2023	3048	11011	5002-C/S	5001-S/S	-	771715

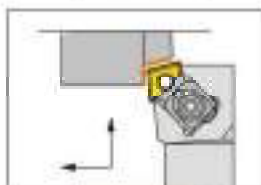
APPLICATION



MCLNR

This is a M Type clamping Turning Tool equipped with a diamond negative double side insert (angle 80 Deg.) with strong cutting edge. The double lock ensures good rigidity and chip flow in roughing applications.

Turning Tool is for general applications, roughing, semi-finishing and finishing. Approach angle is 95 deg.



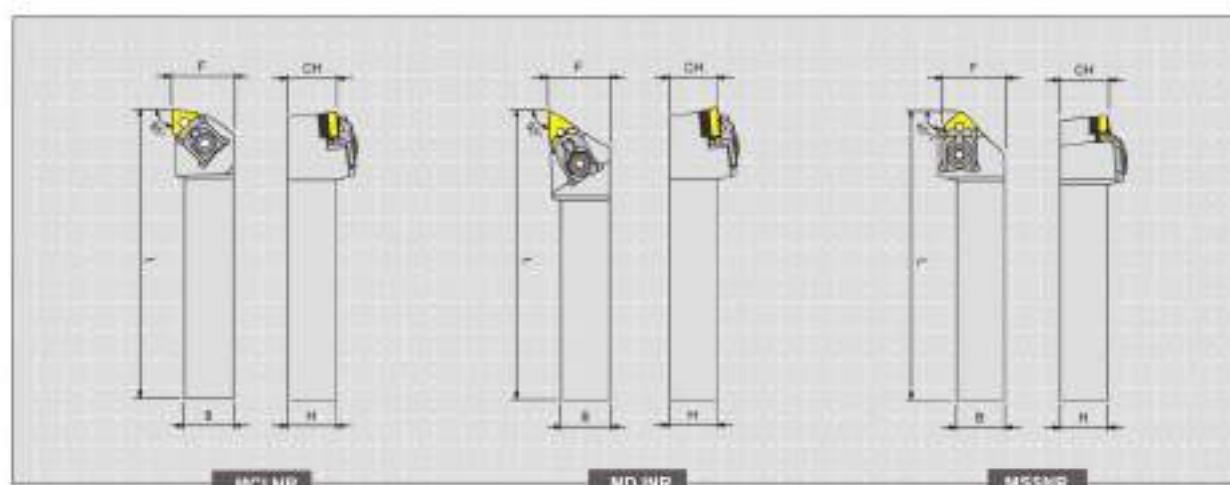
MCKNR

Manufactured from high grade tool steel with precision spares for the highest accuracy, rigidity and best performance turning Toolholder Style K-15° End Cutting Edge Angle for negative 80° diamond CNM_ inserts.

(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATIONS)

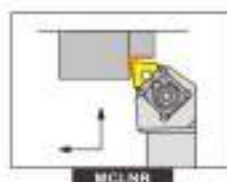
Set of 3 Turning Tools MCLNR, MDJNR & MSSNR

Set

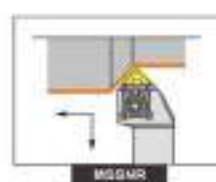


Set No.	DESIGNATION	DIMENSION (mm)				COMPONENTS								Ordering No.
						INSERT	CLAMP	CLAMP SCREW	SHIM	LOCK PIN	ALLEN KEY		CIR-CLIP	
		H=CH	B	F	L									
77787	MCLNR 2020 K12	20	20	25	125	CNMG 1204	4015	2023	3040	11011	5002-C/S	5001-S/S	—	771630
	MDJNR 2020 K15	20	20	25	125	DNMG 1506	4016	2026	3041	11012	5002-C/S	5001-S/S	—	771666
	MSSNR 2020 K12	20	20	25	125	SNMG 1204	—	—	—	—	—	—	—	772691
77789	MCLNR 2525 M12	25	25	32	150	CNMG 1204	4015	2023	3040	11011	5002-C/S	5001-S/S	—	771692
	MDJNR 2525 M15	25	25	32	150	DNMG 1506	4016	2024	3041	11012	5002-C/S	5001-S/S	—	771662
	MSSNR 2525 M12	25	25	32	150	SNMG 1204	—	—	—	—	—	—	—	772693

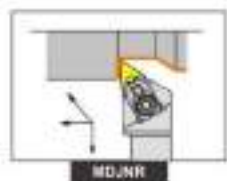
APPLICATION



This is a M Type clamping Turning Tool equipped with a diamond negative double side insert (angle 80 Deg.) with strong cutting edge. The double lock ensures good rigidity and chip flow in roughing applications. Turning Tool is for general applications, roughing, semi-finishing and finishing. Approach angle is 95 deg.



Manufactured from high grade tool steel with precision spares for the highest accuracy, rigidity and best performance turning Toolholder Style S-45° Side Cutting Edge Angle for negative square SNMG inserts.

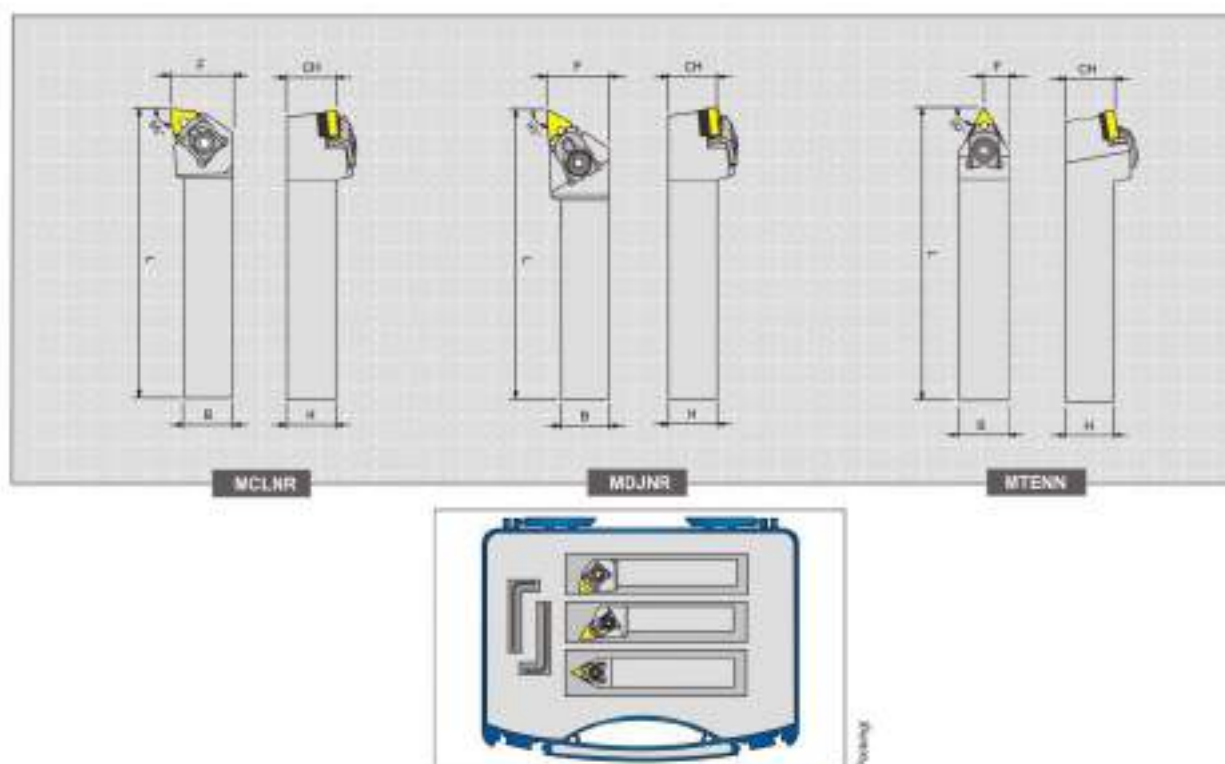


This is a M Type clamping Turning Tool equipped with a diamond negative double side insert (angle 55 Deg.) with strong cutting edge. The double lock ensures good rigidity and chip flow in roughing applications. Turning Tool is for general applications, roughing, semi-finishing and finishing. Approach angle is 93-deg.

(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATIONS)

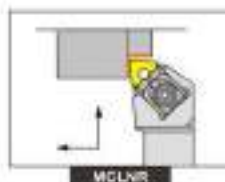
Set

Set of 3 Turning Tools MCLNR, MDJNR & MTENN



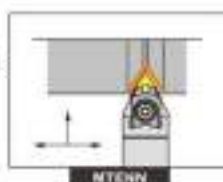
Set No.	DESIGNATION	DIMENSION (mm)				COMPONENTS								Ordering No.
						INSERT	CLAMP	CLAMP SCREW	SHIM	LOCK PIN	ALLEN KEY		CIR-CLIP	
		H=CH	B	F	L									
777781	MCLNR 2020 K12	20	20	25	125	CNMG 1204	4015	2023	3040	11011	5002-C/S	9001-S/S	-	771094
	MDJNR 2020 K15	20	20	25	125	DNMG 1506	4016	2024	3041	11012	5002-C/S	9001-S/S	-	771095
	MTENN 2020 K16	20	20	10	125	TNMG 1604	4014	2022	3039	11010	5004-C/S	9001-S/S	-	771151
777783	MCLNR 2525 M12	25	25	32	150	CNMG 1204	4015	2023	3040	11011	5002-C/S	9001-S/S	-	771092
	MDJNR 2525 M15	25	25	32	150	DNMG 1506	4016	2024	3041	11012	5002-C/S	9001-S/S	-	771092
	MTENN 2525 M16	25	25	12.5	150	TNMG 1604	4014	2022	3039	11010	5004-C/S	9001-S/S	-	771153

APPLICATION



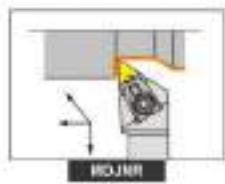
MCLNR

This is a M Type clamping Turning Tool equipped with a diamond negative double side insert (angle 80 Deg.) with strong cutting edge. The double lock ensures good rigidity and chip flow in roughing applications. Turning Tool is for general applications, roughing, semi-finishing and finishing. Approach angle is 95 deg.



MTENN

This is a M Type clamping Turning Tool equipped with a triangular insert (angle 60 Deg.) with strong cutting edge. The double lock ensures good rigidity and chip flow in roughing applications. Turning Tool is for general applications, roughing, semi-finishing and finishing. Approach angle is 60 deg.



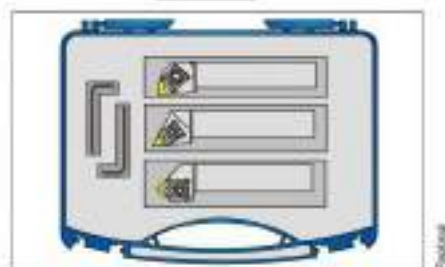
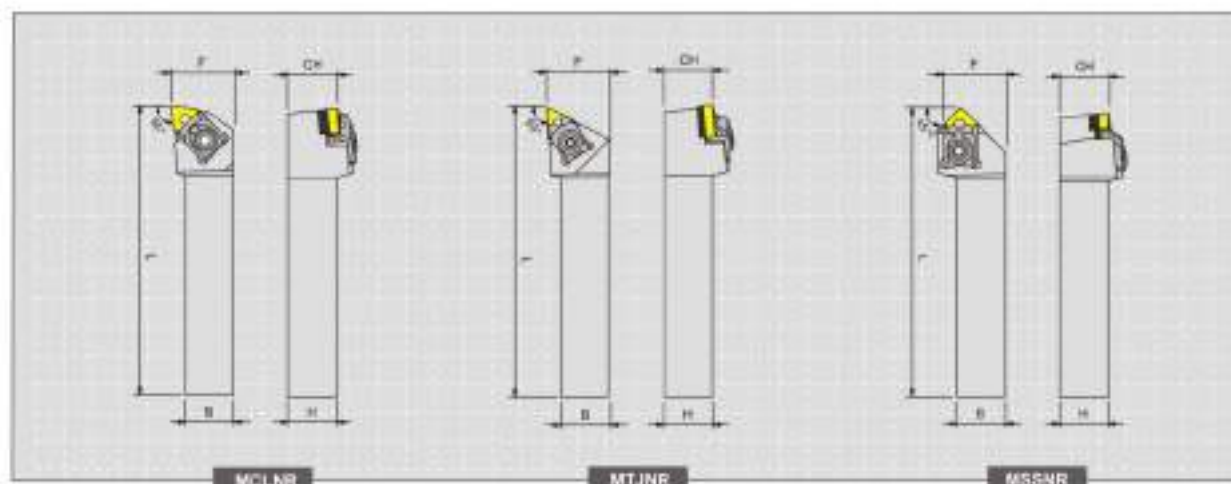
MDJNR

This is a M Type clamping Turning Tool equipped with a diamond negative double side insert (angle 55 Deg.) with strong cutting edge. The double lock ensures good rigidity and chip flow in roughing applications. Turning Tool is for general applications, roughing, semi-finishing and finishing. Approach angle is 53 deg.

(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS IMPROVEMENTS)

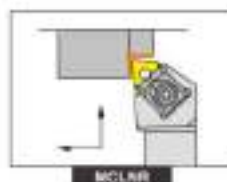
Set of 3 Turning Tools MCLNR, MTJNR & MSSNR

Set



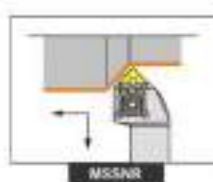
Set No.	DESIGNATION	DIMENSION (mm)				COMPONENTS								Ordering No.
						INSERT	CLAMP	CLAMP SCREW	SHIM	LOCK PIN	ALLEN KEY		CIR-CLIP	
		H=CH	B	F	L						CLAMP SCREW	LOCK PIN		
77795	MCLNR 2020 K12	20	20	25	125								-	771890
	MTJNR 2020 K15	20	20	25	125								-	771031
	MSSNR 2020 K12	20	20	25	125		-	-	-	-	-	-	-	772691
77797	MCLNR 2525 M12	25	25	32	150								-	771692
	MTJNR 2525 M15	25	25	32	150								-	771033
	MSSNR 2525 M12	25	25	32	150		-	-	-	-	-	-	-	772693

APPLICATION



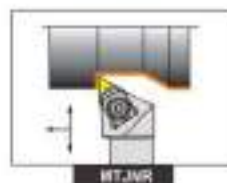
MCLNR

This is a M Type clamping Turning Tool equipped with a diamond negative double side insert (angle 80 Deg.) with strong cutting edge. The double lock ensures good rigidity and chip flow in roughing applications. Turning Tool is for general applications, roughing, semi-finishing and finishing. Approach angle is 95 deg.



MSSNR

Manufactured from high grade tool steel with precision spaces for the highest accuracy, rigidity and best performance turning Toolholder. Style C- 45° Side Cutting Edge Angle for negative square SNM₁ inserts.



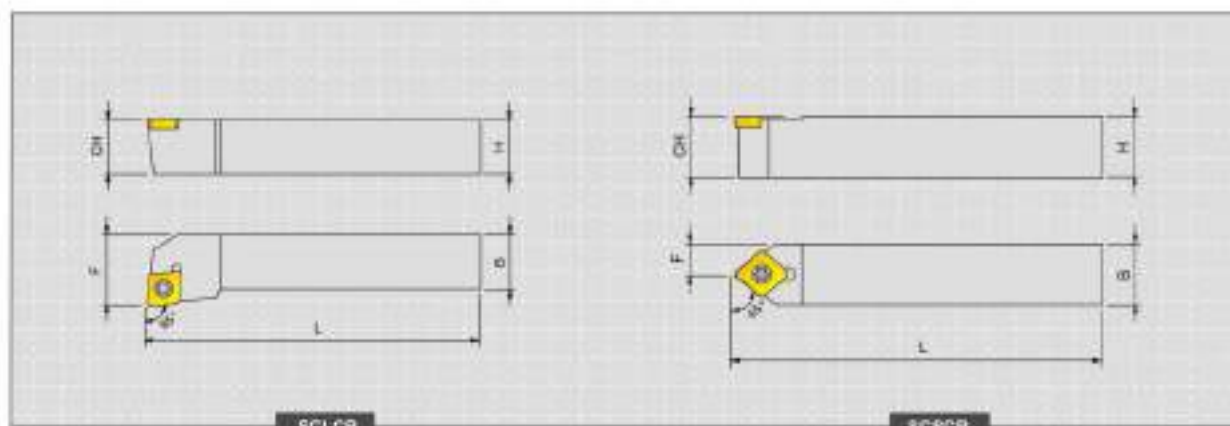
MTJNR

This is a M Type clamping Turning Tool equipped with a triangular insert (angle 60 Deg.) with strong cutting edge. The double lock ensures good rigidity and chip flow in roughing applications. Turning Tool is for general applications, roughing, semi-finishing and finishing. Approach angle is 93 deg.

(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATIONS)

Set

Set of 2 Turning Tools SCLCR & SCSCR

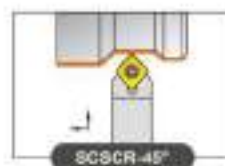


Set No.	DESIGNATION	DIMENSION (mm)				INSERT	TORX SCREW	TORX KEY	Ordering No.
		H=CH	B	F	L				
777763	SCLCR 1212 F09	12	12	16	80	CCMT 09T3 -	7006	8001	773239
	SCSCR 1212 F09	12	12	6.2	80	CCMT 09T3 -			773361
777765	SCLCR 1616 H09	16	16	20	100	CCMT 09T3 -	7006	8001	773243
	SCSCR 1616 H09	16	16	6.2	100	CCMT 09T3 -			773371
777771	SCLCR 2020 K09	20	20	25	125	CCMT 09T3 -	7006	8001	773245
	SCSCR 2020 K09	20	20	16.2	125	CCMT 09T3 -			773373
777775	SCLCR 2525 M12	25	25	32	150	CCMT 1204 -	7010	8004	773253
	SCSCR 2525 M12	25	25	12.7	150	CCMT 1204 -			773375

APPLICATION



This is a Turning Tool, equipped with a diamond insert (angle 95 Deg.) with strong cutting edge. The screw clamping ensures good rigidity and chip flow in roughing applications. Turning Tool is for general applications, roughing, semi-finishing and finishing. Approach angle is 95 deg.

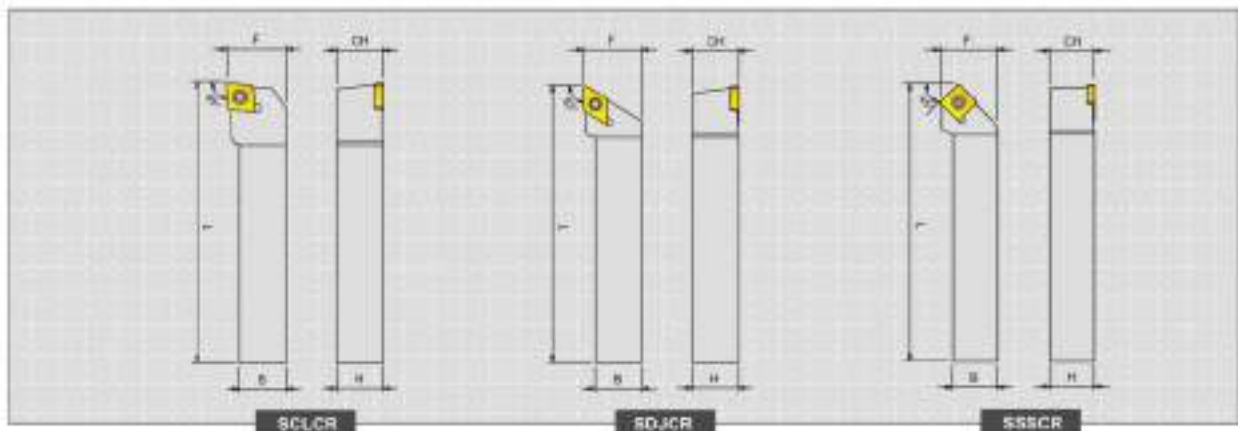


45° Chamfer on RK side and 55° on LH side.

(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATIONS)

Set of 3 Turning Tools SCLCR, SDJCR & SSSCR

Set



Set No.	DESIGNATION	DIMENSION (mm)				INSERT	TORX SCREW	TORX KEY	Ordering No.
		H-CH	B	F	L				
777725	SCLCR 1212 F09	12	12	16	86	CCMT 09T3 --	7006	6001	773239
	SDJCR 1212 F07	12	12	16	86	DCMT 0702 --			773693
	SSSCR 1212 F08	12	12	16	86	SCMT 09T3 --			774168
777727	SCLCR 1616 H09	16	16	20	100	CCMT 09T3 --	7006	6001	773243
	SDJCR 1616 H11	16	16	20	100	DCMT 11T3 --			773621
	SSSCR 1616 H09	16	16	20	100	SCMT 09T3 --			774181
777731	SCLCR 2020 K09	20	20	25	125	CCMT 09T3 --	7006	6001	773245
	SDJCR 2020 K11	20	20	25	125	DCMT 11T3 --			773624
	SSSCR 2020 K12	20	20	25	125	SCMT 1204 --	7013	6004	774183
777735	SCLCR 2525 M12	25	25	32	150	CCMT 09T3 --	7013	6004	773253
	SDJCR 2525 M11	25	25	32	150	DCMT 11T3 --	7006	6001	773625
	SSSCR 2525 M12	25	25	32	150	SCMT 1204 --	7013	6004	774185

APPLICATION



This is a Turning Tool equipped with a diamond insert (angle 80 Deg.) with strong cutting edge. The screw clamping ensures good rigidity and chip flow in roughing applications. Turning Tool is for general applications, roughing, semi-finishing and finishing. Approach angle is 95 deg.



Manufactured from high grade tool steel with precision spaces for the highest accuracy, rigidity and best performance turning. 45 degree approach. Screw clamp for positive turning inserts turning insert 45° lead angle screw rock tools carrying the square inserts with 7° clearance angle for longitudinal and face turning.

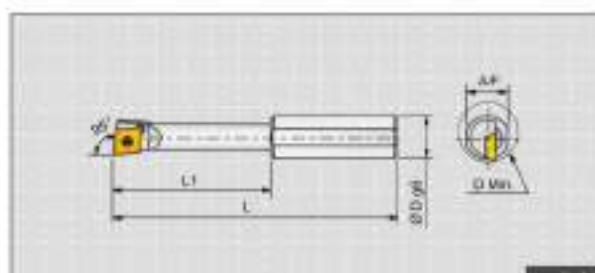


This is a Turning Tool equipped with a diamond insert (angle 55 Deg.) with strong cutting edge. The screw clamping ensures good rigidity and chip flow in roughing applications. Turning Tool is for general applications, roughing, semi-finishing and finishing. Approach angle is 93 deg.

(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATIONS)

Set

Set of Axial & Radial Boring Bar



Axial Boring Bar

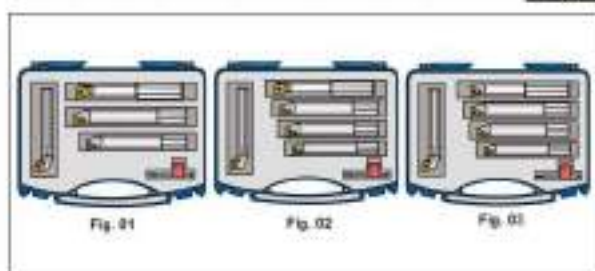
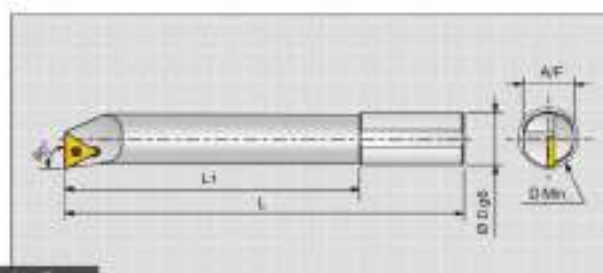
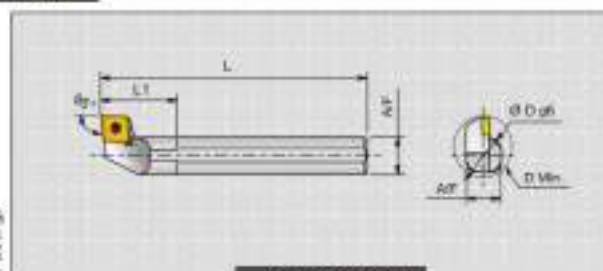


Fig. 01

Fig. 02

Fig. 03

(Packing)



Radial Boring Bar

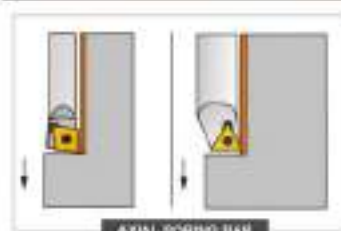
SET NO.	DESIGNATION	DIMENSION (mm)					INSERT	TORX SCREW	TORX KEY	Ordering No.
		Ø D g6	D Min.	L	L1	A/F				
742000 (Fig. No. 01)	G 10 C06	08	10	85	50	07	CCMT 0602-	7003	6002	742001
	G 12 T11	08	12	95	60	07	TCMT 1102-			742002
	G 16 T11	08	16	105	70	07	TCMT 1102-			742003
	R 50 C06	08	18	60	16	07	CCMT 0602-			742004
742100 (Fig. No. 01)	A 10 C06	10	10	85	50	09	CCMT 0602-	7003	6002	742101
	A 12 T11	10	12	95	60	09	TCMT 1102-			742102
	A 16 T11	10	16	105	70	09	TCMT 1102-			742103
	R 75 C06	10	18	60	22	09	CCMT 0602-			742104
742120 (Fig. No. 01)	B 10 C06	12	10	85	50	11	CCMT 0602-	7003	6002	742121
	B 12 T11	12	12	95	60	11	TCMT 1102-			742122
	B 16 T11	12	16	105	70	11	TCMT 1102-			742123
	R 100 C06	12	20	72	22	11	CCMT 0602-			742124
742160 (Fig. No. 02)	C 10 C08	16	10	85	50	15	CCMT 0602-	7003	6002	742161
	C 12 T11	16	12	95	60	15	TCMT 1102-			742162
	C 16 T11	16	16	105	70	15	TCMT 1102-			742163
	C 20 T11	16	20	135	100	15	TCMT 1102-			742164
	R 115 C09	16	38	123	35	15	CCMT 09T3-	7006	6001	742165
742180 (Fig. No. 02)	F 10 C06	18	10	85	50	17	CCMT 0602-	7003	6002	742181
	F 12 T11	18	12	95	60	17	TCMT 1102-			742182
	F 16 T11	18	16	105	70	17	TCMT 1102-			742183
	F 20 T11	18	20	135	100	17	TCMT 1102-			742184
	R 120 C09	18	38	123	35	17	CCMT 09T3-	7006	6001	742185
742200 (Fig. No. 02)	D 10 C08	20	10	85	50	18	CCMT 0602-	7003	6002	742201
	D 12 T11	20	12	95	60	18	TCMT 1102-			742202
	D 16 T11	20	16	105	70	18	TCMT 1102-			742203
	D 20 T11	20	20	135	100	18	TCMT 1102-			742204
	R 125 C09	20	38	123	27.5	18	CCMT 09T3-	7006	6001	742205

Set of Axial & Radial Boring Bar

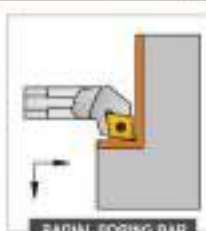
Set

SET NO.	DESIGNATION	DIMENSION (mm)					INSERT	TORX SCREW	TORX KEY	Ordering No.
		Ø D g6	D Min.	L	L1	A/F				
742250 (Fig. No. 03)	E 12 T11	25	12	85	60	23	TCMT 1102-	7003	6002	742251
	E 16 T11	25	16	105	70	23	TCMT 1103-			742252
	E 20 T11	25	20	135	100	23	TCMT 1103-			742253
	E 25 T11	25	25	160	125	23	TCMT 1103-			742254
	R 150 C09	25	44	134	35	23	CCMT 09T3-	7006	6001	742255

APPLICATION



AXIAL BORING BAR

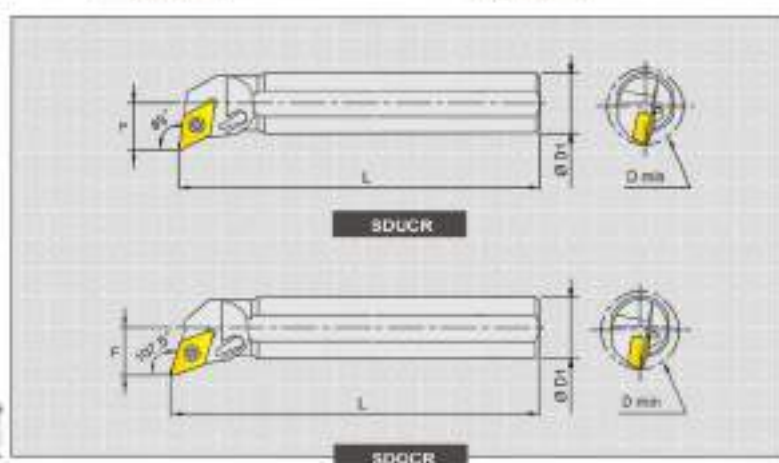
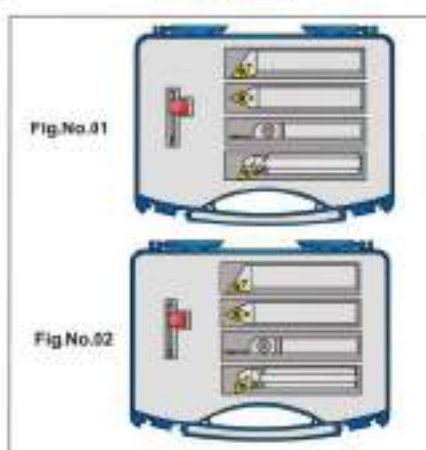
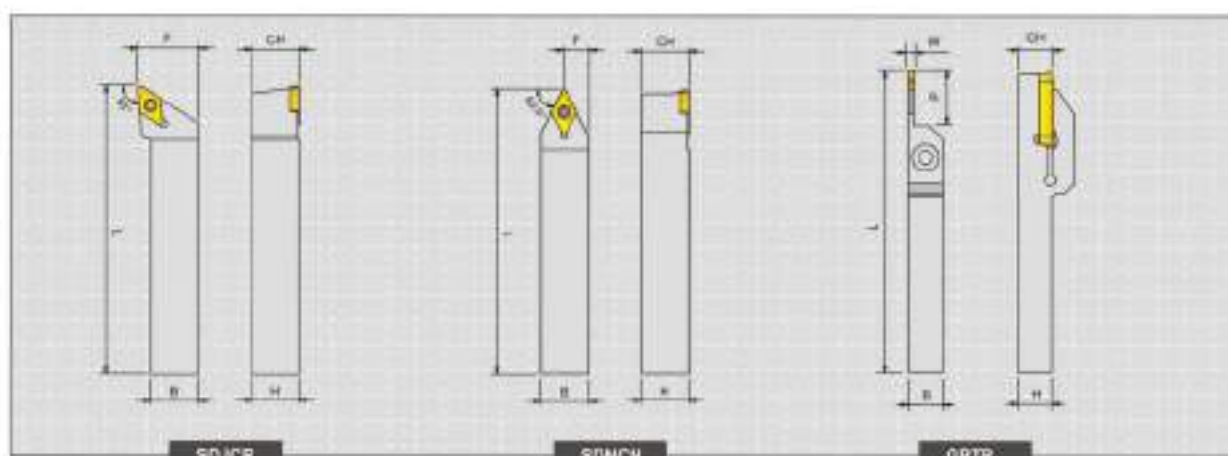


RADIAL BORING BAR

- Axial Boring Bar** The Boring Bar use insert CCMT two 80° corners & mounted at 60° approach angle. It allows straight boring as well as internal facing cuts.
- Axial Boring Bar** The Boring Bar use insert TCMT three 90° corners & mounted at 60° approach angle. It allows straight boring as well as internal facing cuts.
- Axial Boring Bar** The Boring Bar use insert CCMT two 80° corners & mounted at 90° approach angle. It allows straight boring as well as internal facing cuts.

Set

Set of 4 Multipurpose Tools



SET NO.	ISO DESIGNATION	DIMENSION (mm)										INSERT	TORX SCREW	TORX KEY	ALLEN BOLT	ALLEN KEY	Ordering No.
		Ø D1g6	H	B	CH	W	F	P	L	Ø Min.							
77572 (Fig. No. 01)	SDJCR 1010 H07		10	10	10		12		100		DCMT 0702 -						773651
	SDNCN 1010 H07		10	10	10		5		100		DCMT 0702 -	7003	6002				773753
	A08H SDQCR 07	08					06		100	12	DCMT 0702 -						710901
	GPTR 1010 K2N		10	10	10	2		15	125		DGN 2N				2018	5002	775210
77573 (Fig. No. 02)	SDJCR 1212 H07		12	12	12		15		100		DCMT 0702 -						773653
	SDNCN 1212 H07		12	12	12		6		100		DCMT 0702 -	7003	6002				773755
	A10J SDJCR 07	10					07		110	14	DCMT 0702 -						710931
	GPTR 1212 K2N		12	12	12	2		15	125		DGN 2N				2018	5002	775220
77574 (Fig. No. 02)	SDJCR 1616 H07		16	16	16		20		100		DCMT 0702 -						773615
	SDNCN 1616 H07		16	16	16		8		100		DCMT 0702 -	7003	6002				773718
	A12R SDJCR 07	12					09		125	16	DCMT 0702 -						710933
	GPTR 1616 K2N		16	16	16	2		20	125		DGN 2N				2018	5002	775230
77577 (Fig. No. 02)	SDJCR 2020 H11		20	20	20		25		100		DCMT H13 -						773624
	SDNCN 2020 H11		20	20	20		10		100		DCMT H13 -	7006	6001				773726
	A16M SDJCR 07	16					11		150	20	DCMT 0702 -	7003	6002				710935
	GPTR 2020 K2N		20	20	20	3		20	125		DGN 3N				2019	5007	775245

(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATIONS)

Set of 4 Multipurpose tools

Set

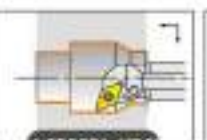
APPLICATION		Includes :-
Turning Tool SDJCR	60° Profile Turning and Facing Tool RH side.	1) 2 pc Turning Tool
Turning Tool SDNCN	V Turning / Threading 55°.	2) 1 pc Parting Tool
Boring Bar SDQCR/SDUCR	Internal Profiling with cutting edge angle 93° & 107.5°.	3) 1 pc Boring Bar
Parting Tool GPTR	Parting Tool Holder with double ended insert for External Parting, Grooving & Turning. -It is Rigid Construction for 100% Clamping Power. -Good chip removal.	4) 1 pc Torx Key 5) 1 pc Allen Key



SDJCR-93°



SDNCN-62.5°



A-SDQCR-L-107.5°



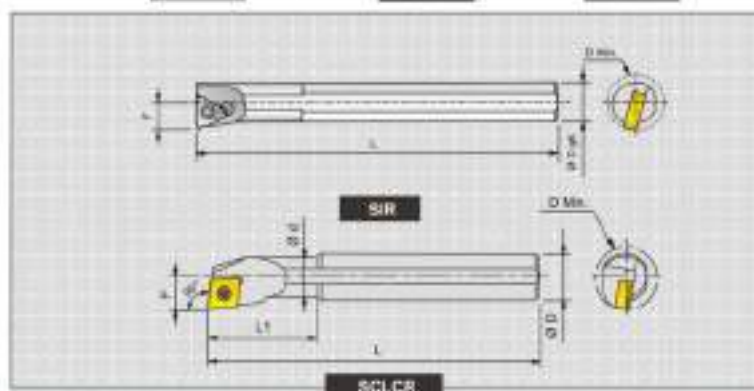
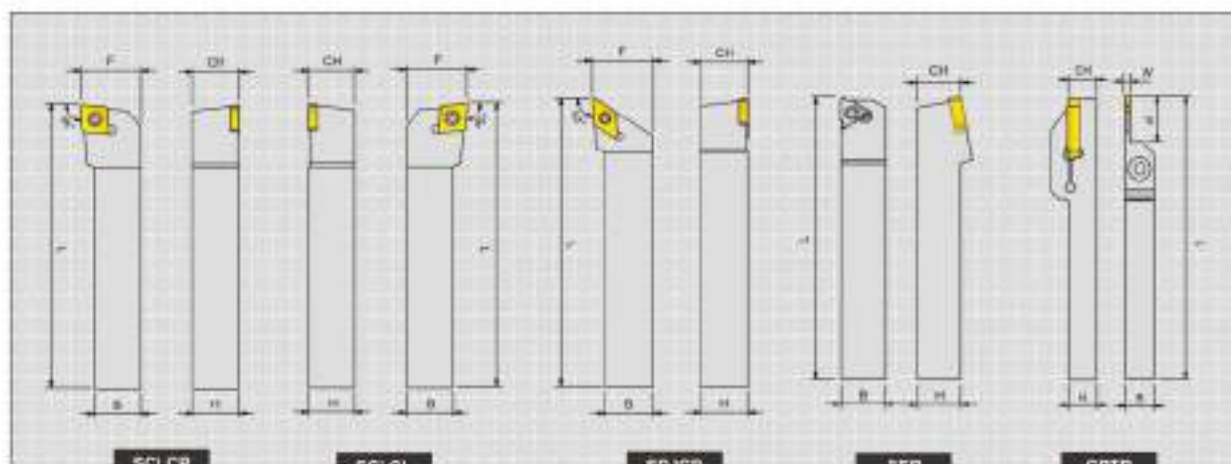
A-SDUCR-L-93°



GPTR

Set No. 7XX

Set of 7 Tools



SET NO.	DESIGNATION	Dimension (mm)									INSERT					SHW	TORX SCREW	TORX KEY	ALLEN BOLT	ALLEN KEY	Ordering No.
		SHANK		F	P	Ød	L1	D. Min.	W	L											
		H-CH-B-Ø DgB	DgB																		
777151	SCLCR 1010 E06	10		12						70	CCMT 1002-									773235	
	SCLCL 1010 E06	10		12						70	CCMT 1002-									773236	
	S0610K SCLCR 06		10	6		8	32	11		120	CCMT 1002-									728903	
	S0610 K11		10	6.5						125					11 ER					722100	
	SER 1010 K11		10	10						125				11 ER						775100	
	SOJCR 1010 H07		10	12						100	CCMT 0702-									773651	
	GPTR 1010 K2N		10		15				2	125		CCMT 0702-							2031	1001	775210
777152	SCLCR 1212 F06	12		16						80	CCMT 1002-									773237	
	SCLCL 1212 F06	12		16						80	CCMT 1002-									773238	
	S1012M SCLCR 06		12	7		10	38	13		150	CCMT 1002-									728905	
	S0612 K11		12	7.5						125					11 ER					722116	
	SER 1012 K11		12	12						125				11 ER						775116	
	SOJCR 1212 H07		12	16						100	CCMT 0702-									773653	
	GPTR 1212 K2N		12		15				2	125		CCMT 0702-							2031	1001	775220
777153	SCLCR 1616 H09	16		20						160	CCMT 09T3-									773243	
	SCLCL 1616 H09	16		20						160	CCMT 09T3-									773244	
	S1216M SCLCR 09		16	9		12	36	18		180	CCMT 09T3-									728911	
	S0616 K16		16	16	10.25					160					16 ER					722120	
	SER 1616 K16		16	16						125				16 CR				M 1	2mm	775120	
	SOJCR 1616 H10		16	20						100	CCMT 09T3-									773623	
	GPTR 1616 K2N		16		20				3	125		CCMT 09T3-							2032	1001	775235

(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATIONS)

Set of 7 Tools

Set

SET NO.	DESIGNATION	Dimension (mm)									INSERT						SHM	TORX SCREW	TORX KEY	ALLEN BOLT	ALLEN KEY	Ordering No.
		SHANK		F	P	D5	L1	D Min	W	L												
		HxChisel & Dgk																				
777154	SCLCR 2020 K09	20		25						125	DCMT 09T3						7008	6001			773245	
	SCLCL 2020 K09	20		25						125	DCMT 09T3										773246	
	S1620Q SCLCR 09		20	11		16	48	23		180	DCMT 09T3										720863	
	SIR 3020 Q16		20	33.3				25		100					16 ER						722130	
	SER 2020 K16	20		20						125					16 ER				M3	5003	775138	
	SDJCR 2020 K11	20		25						125	DCMT 11T3										773623	
GPTR 2020 K3N	25			20					3	125		DGN-3N						2016	5007	775245		
777155	SCLCR 2525 M09	25		32						150	DCMT 09T3						7008	6001			773247	
	SCLCL 2525 M09	25		32						150	DCMT 09T3										773248	
	S2525R SCLCR 09		25	13		20	60	28		200	DCMT 09T3										720865	
	SIR 3025 K16		25	36.3				32		200					16 ER						722135	
	SER 2525 M16	25		25						150					16 ER				M3	5003	775140	
	SDJCR 2525 M11	25		32						150	DCMT 11T3										773625	
GPTR 2525 M3N	25			20					3	150		DGN-3N						2016	5007	775246		

APPLICATION

Turning Tool SCLCR	95° Profile Turning and Facing Tool RH side.
Turning Tool SCLCL	95° Profile Turning and Facing Tool LH side.
Shortneck Boring Bar SCLCR	Boring, Facing and Internal Profiling at 95° approach angle.
Internal Threading Tool SIR	Internal Threading Tool RH side.
External Threading Tool SER	External Threading Tool RH side.
Turning Tool SDJCR	93° Profile Turning and Facing Tool RH side.
Parting Tool GPTR	External Grooving, Parting & Turning Tool RH side.

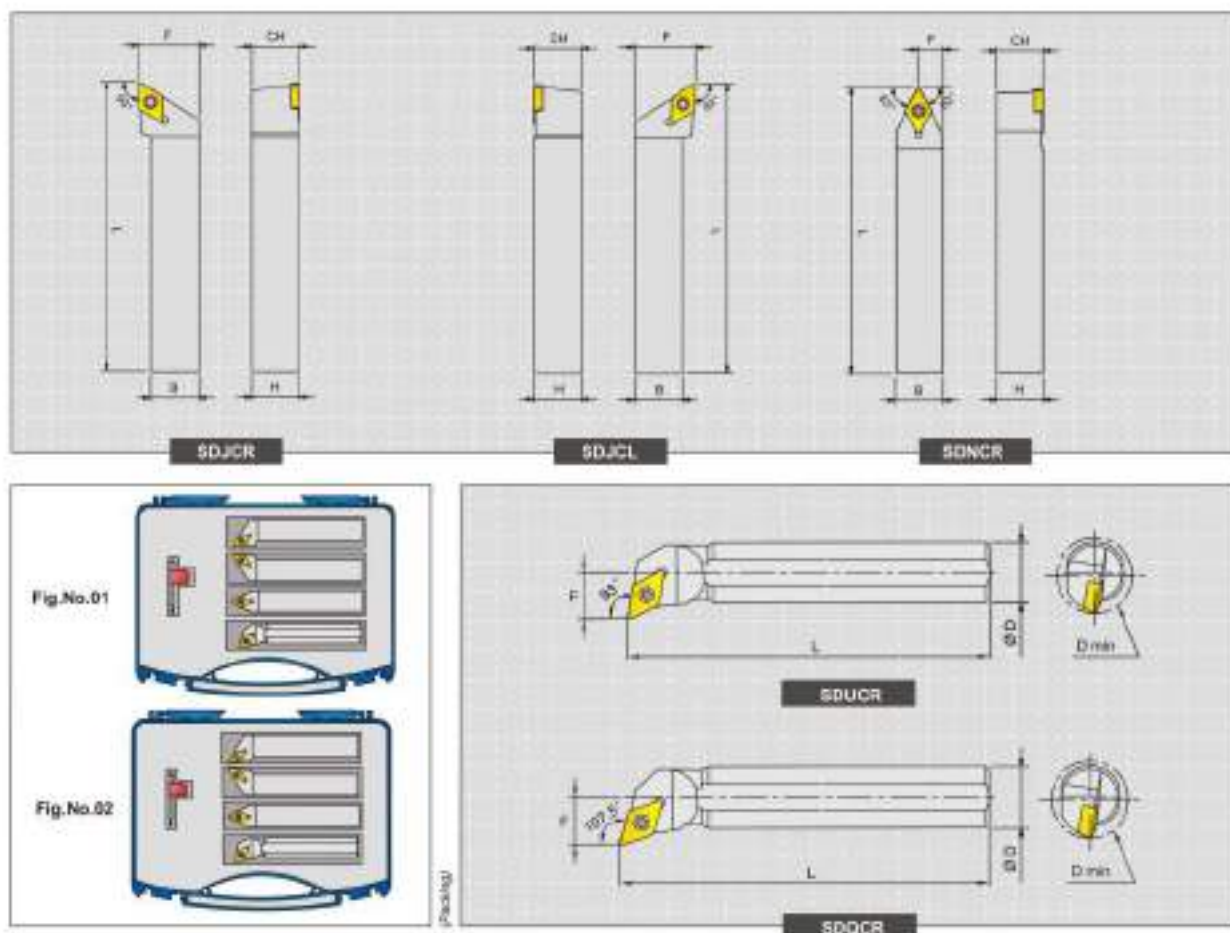
Includes :-

- Turning Tool SCLCR - 1pc
- Turning Tool SCLCL - 1pc
- Boring Bar SCLCR - 1pc
- Internal Threading Tool SIR - 1pc
- External Threading Tool SER - 1pc
- Turning Tool SDJCR - 1pc
- Parting Tool GPTR - 1pc
- Torx Key - 1pc
- Allen Key - 1pc



Set

Set of 4 Turning Tools & Boring Bars



SET NO.	ISO DESIGNATION	Dimension (mm)				INSERT	TORX SCREW	TORX KEY	Ordering No.
		SHANK H=B	ØD	F	L	D Min.			
777200 (Fig.No. 01)	SDJCR 0808 H07	11 08	13	100		DCMT 0702 04	7003	6002	773641
	SDJCL 0808 H07	11 08	13	100		DCMT 0702 04			773643
	SDNCR 0808 H07	11 08	4.2	100		DCMT 0702 04			773751
	S08H SDQCR 07		Ø 08	8	100	Ø 12			721029
777201 (Fig.No. 02)	SDJCR 1010 H07	11 10	13	100		DCMT 0702 04	7003	6002	773651
	SDJCL 1010 H07	11 10	13	100		DCMT 0702 04			773652
	SDNCR 1010 H07	11 10	6.2	100		DCMT 0702 04			773753
	S10H SDQCR 07		Ø 10	7	125	Ø 14			721031
777202 (Fig.No. 02)	SDJCR 1212 H07	11 12	15	100		DCMT 0702 04	7003	6002	773653
	SDJCL 1212 H07	11 12	15	100		DCMT 0702 04			773654
	SDNCR 1212 H07	11 12	6.2	100		DCMT 0702 04			773755
	S12M SDQCR 07		Ø 12	9	150	Ø 16			721033
777203 (Fig.No. 02)	SDJCR 1616 H07	11 16	20	100		DCMT 0702 04	7003	6002	773715
	SDJCL 1616 H07	11 16	20	100		DCMT 0702 04			773716
	SDNCR 1616 H07	11 16	8.2	100		DCMT 0702 04			773717
	S16R SDQCR 07		Ø 16	11	200	Ø 20			721035

(PICTURES ARE SUBJECT TO CHANGE DUE TO CONTRACT MODIFICATIONS)

Set of 4 Turning Tools & Boring Bar

Set

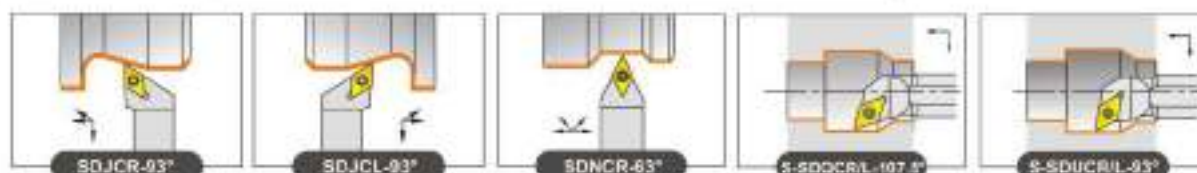
SET NO.	ISO DESIGNATION	Dimension (mm)				INSERT	TORX SCREW	TORX KEY	Ordering No.
		SHANK		F	L				
		H=B	ØD						
777204 (Fig. No. 02)	SDJCR 1616 H11	16		20	100	DCMT 11T3 -	7006	6001	773621
	SDJCL 1616 H11	16		20	100	DCMT 11T3 -			773622
	SDNCR 1616 H11	16		8.2	100	DCMT 11T3 -			773723
	S16R SDJCR 11		Ø 16	11	200	DCMT 11T3 -			721035
777205 (Fig. No. 02)	SDJCR 2020 K11	20		25	125	DCMT 11T3 -	7006	6001	773623
	SDJCL 2020 K11	20		25	125	DCMT 11T3 -			773624
	SDNCR 2020 K11	20		18.2	125	DCMT 11T3 -			773725
	S20R SDJCR 11		Ø 20	13	250	DCMT 11T3 -			721041

APPLICATION

Turning Tool SDJCR	60° Profile Turning and Facing Tool RH side.
Turning Tool SDJCL	60° Profile Turning and Facing Tool LH side.
Turning Tool SDNCR	V Turning / Threading 55°.
Boring Bar SDJCR	Internal Profiling with cutting edge angle 93°.
Boring Bar SDJCL	Internal Profiling with cutting edge angle 107.5°.

Includes : -

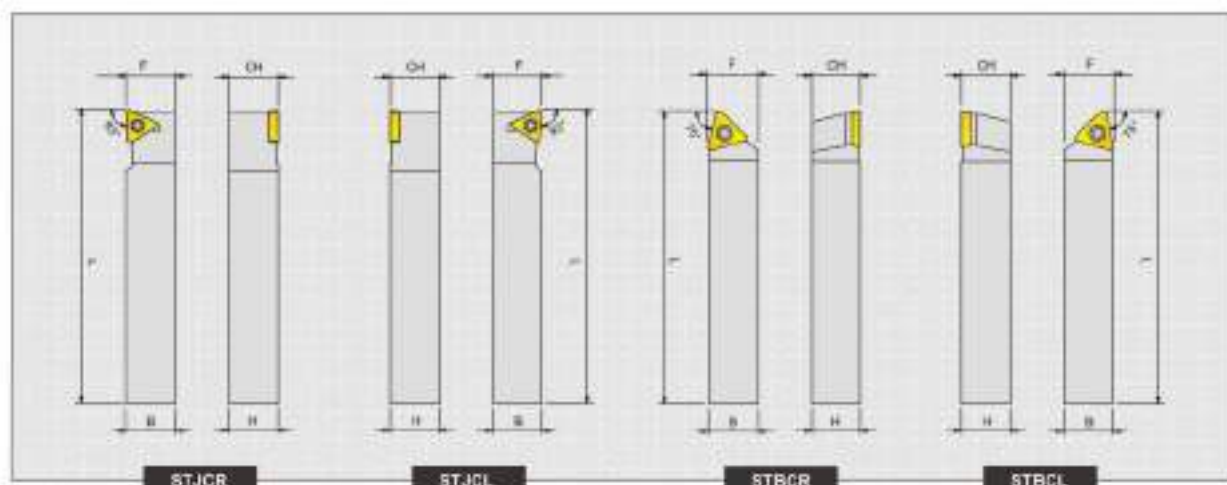
- Turning Tool SDJCR - 1pc
- Turning Tool SDJCL - 1pc
- Turning Tool SDNCR - 1pc
- Boring Bar SDJCR/SDJCL - 1pc
- Torx Key - 1pc



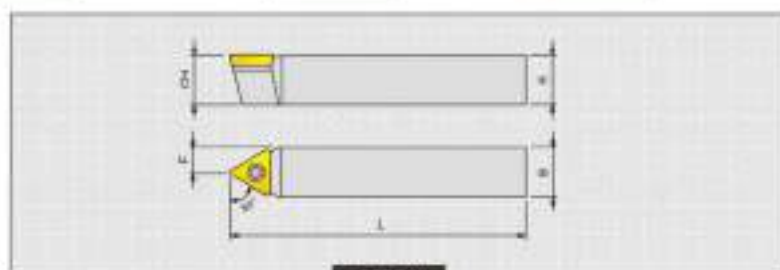
(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATIONS)

Set

Set of 5 Turning Tools - TCMT Insert



Pickling



STECN

Set No.	DESIGNATION	DIMENSION (mm)				INSERT	TORX SCREW	TORX KEY	Ordering No.
		H=CH	B	F	L				
777301	STJCR 0606 H11	06	06	8.7	100	TCMT 1102 --	7003	8002	774401
	STJCL 0606 H11	06	06	8.7	100	TCMT 1102 --			774402
	STECN 0606 H11	06	06	04	100	TCMT 1102 --			774451
	STBCR 0606 H11	06	06	6.5	100	TCMT 1102 --			774421
	STBCL 0606 H11	06	06	6.5	100	TCMT 1102 --			774422
777302	STJCR 0808 H11	08	08	8.7	100	TCMT 1102 --	7003	8002	774403
	STJCL 0808 H11	08	08	8.7	100	TCMT 1102 --			774404
	STECN 0808 H11	08	08	04	100	TCMT 1102 --			774452
	STBCR 0808 H11	08	08	6.5	100	TCMT 1102 --			774423
	STBCL 0808 H11	08	08	6.5	100	TCMT 1102 --			774424
777303	STJCR 1010 H11	10	10	10.7	100	TCMT 1102 --	7003	8002	774405
	STJCL 1010 H11	10	10	10.7	100	TCMT 1102 --			774406
	STECN 1010 H11	10	10	06	100	TCMT 1102 --			774453
	STBCR 1010 H11	10	10	7.5	100	TCMT 1102 --			774425
	STBCL 1010 H11	10	10	7.5	100	TCMT 1102 --			774426
777304	STJCR 1212 H11	12	12	12.7	100	TCMT 1102 --	7003	8002	774407
	STJCL 1212 H11	12	12	12.7	100	TCMT 1102 --			774408
	STECN 1212 H11	12	12	06	100	TCMT 1102 --			774454
	STBCR 1212 H11	12	12	9.5	100	TCMT 1102 --			774427
	STBCL 1212 H11	12	12	9.5	100	TCMT 1102 --			774428

(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATIONS)

Set of 5 Turning Tools - TCMT Insert

Set

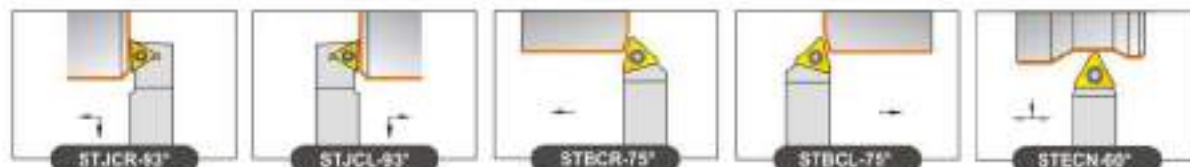
Set No.	DESIGNATION	DIMENSION (mm)				INSERT	TORX SCREW	TORX KEY	Ordering No.
		H=CH	B	F	L				
777305	STJCR 1616 H11	16	16	16.7	100	TCMT 1102 --	7003	6002	774409
	STJCL 1616 H11	16	16	16.7	100	TCMT 1102 --			774410
	STECN 1616 H11	16	16	08	100	TCMT 1102 --			774455
	STBCR 1616 H11	16	16	13.5	100	TCMT 1102 --			774429
	STBCL 1616 H11	16	16	13.5	100	TCMT 1102 --			774430

APPLICATION

Turning Tool STJCR	for turning outside diameter and shoulder face at 90° from RH side with 32° approach angle for turning and 30° approach angle for facing and corner radiuses required for grinding.
Turning Tool STJCL	for turning outside diameter and shoulder face at 90° from LH side with 63° approach angle for turning and 27° approach angle for facing and corner radiuses required for grinding.
Turning Tool STECN	for turning 60° V tool for recess, grooves and 60° chamfer on both RH/LH sides.
Turning Tool STBCR	for turning 75° through diameter from RH side with 75° approach angle and for 45° chamfer from LH side.
Turning Tool STBCL	for turning 75° through diameter from LH side with 75° approach angle and for 45° chamfer from RH side.

Includes :-

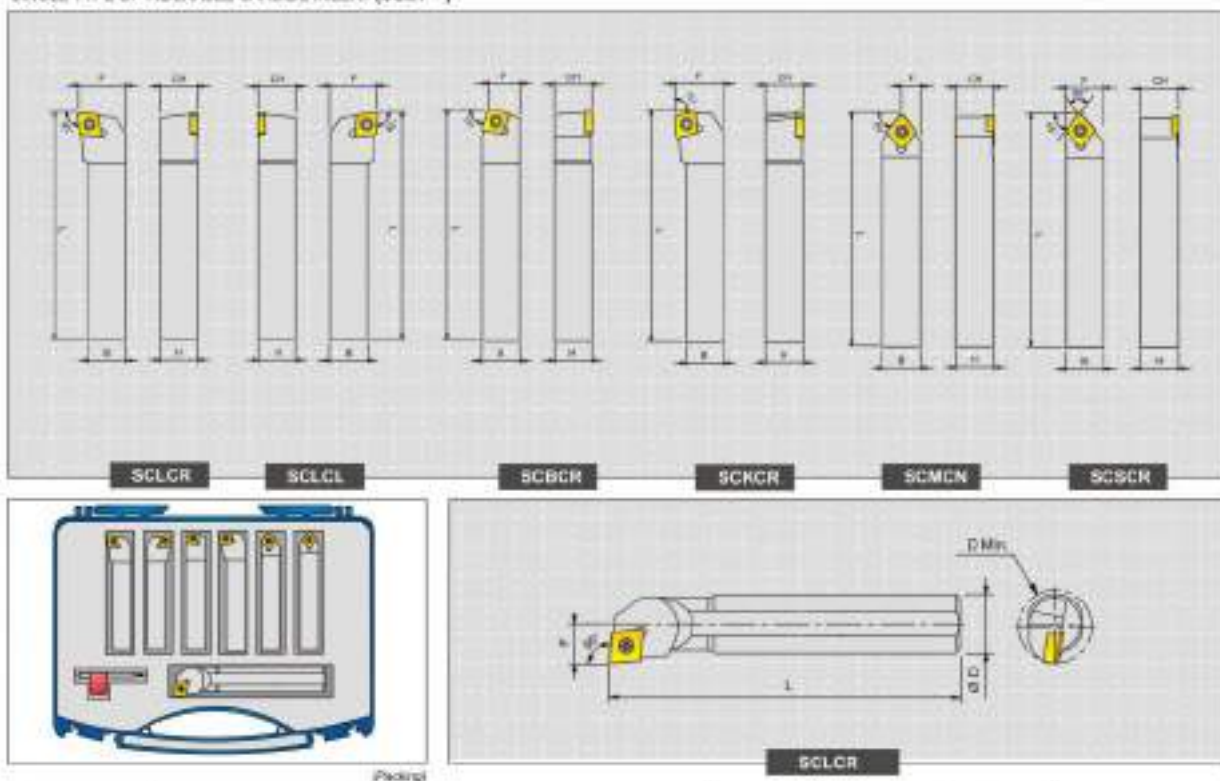
- Turning Tool STJCR - 1 pc
- Turning Tool STJCL - 1 pc
- Turning Tool STECN - 1 pc
- Turning Tool STBCR - 1 pc
- Turning Tool STBCL - 1 pc
- Torx Key - 1 pc



Set

Set of 7 Turning Tools & Boring Bar

WE HAVE SELECTED THIS SET OF MINI TURNING TOOLS AND BORING BAR CAREFULLY TO COVER WIDE RANGE OF TURNING APPLICATIONS USING SINGLE TYPE OF INDEXABLE CARBIDE INSERT (CCMT -)



Set No.	DESIGNATION	DIMENSION (mm)					INSERT	TORX SCREW	TORX KEY	Ordering No.
		SHANK		F	L	D Min.				
		H=CH=B	ØD							
777101	SCLCR 0606 D06	06		10	60		CCMT 0602 --	7003	6002	775231
	SCLCL 0606 D06	06		10	60		CCMT 0602 --			775232
	SCBCR 0606 D06	06		07	60		CCMT 0602 --			775151
	SCNCR 0606 D06	06		10	60		CCMT 0602 --			775207
	SCMCN 0606 D06	06		04	60		CCMT 0602 --			775311
	SCSCR 0606 D06	06		4.2	60		CCMT 0602 --			775351
	S06F SCLCR 06		06	4.5	80	09	CCMT 0602 --			720921
777102	SCLCR 0808 D08	08		10	80		CCMT 0802 --	7003	6002	775233
	SCLCL 0808 D08	08		10	80		CCMT 0802 --			775234
	SCBCR 0808 D08	08		07	80		CCMT 0802 --			775153
	SCNCR 0808 D08	08		10	80		CCMT 0802 --			775211
	SCMCN 0808 D08	08		04	80		CCMT 0802 --			775313
	SCSCR 0808 D08	08		4.2	80		CCMT 0802 --			775353
	S08F SCLCR 08		08	4.5	80	09	CCMT 0802 --			720921
777103	SCLCR 1010 E06	10		12	70		CCMT 0802 --	7003	6002	775235
	SCLCL 1010 E06	10		12	70		CCMT 0802 --			775236
	SCBCR 1010 E06	10		09	70		CCMT 0602 --			775155
	SCNCR 1010 E06	10		12	70		CCMT 0802 --			775213
	SCMCN 1010 E06	10		05	70		CCMT 0602 --			775313
	SCSCR 1010 E06	10		5.2	70		CCMT 0802 --			775355
	S08H SCLCR 06		08	06	100	11	CCMT 0802 --			720923

(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATIONS)

Set of 7 Turning Tools & Boring Bar

Set

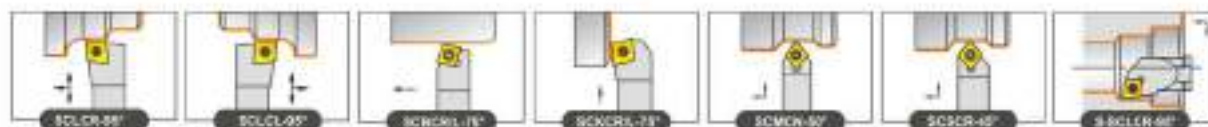
Set No.	DESIGNATION	DIMENSION (mm)					INSERT	TORX SCREW	TORX KEY	Ordering No.
		SHANK H=CH=B ØD		F	L	D Min.				
777104	SCLCR 1212 F06	12		16	80		CCMT 0602 -	7003	6002	773237
	SCLCL 1212 F06	12		16	80		CCMT 0602 -			773238
	SCBCR 1212 F06	12		10	80		CCMT 0602 -			773157
	SCKCR 1212 F06	12		16	80		CCMT 0602 -			773215
	SCMCN 1212 F06	12		06	80		CCMT 0602 -			773314
	SCSCR 1212 F06	12		6.2	80		CCMT 0602 -			773357
	S10K SCLCR 08		10	07	125	13	CCMT 0602 -			720925
777105	SCLCR 1616 H06	16		20	100		CCMT 0602 -	7003	6002	773241
	SCLCL 1616 H06	16		20	100		CCMT 0602 -			773242
	SCBCR 1616 H06	16		13	100		CCMT 0602 -			773158
	SCKCR 1616 H06	16		20	100		CCMT 0602 -			773217
	SCMCN 1616 H06	16		08	100		CCMT 0602 -			773315
	SCSCR 1616 H06	16		8.2	100		CCMT 0602 -			773359
	S12M SCLCR 08		12	09	150	16	CCMT 0602 -			720927
777106	SCLCR 1616 H09	16		20	100		CCMT 09T3 -	7006	6001	773243
	SCLCL 1616 H09	16		20	100		CCMT 09T3 -			773244
	SCBCR 1616 H09	16		13	100		CCMT 09T3 -			773171
	SCKCR 1616 H09	16		20	100		CCMT 09T3 -			773221
	SCMCN 1616 H09	16		08	100		CCMT 09T3 -			773321
	SCSCR 1616 H09	16		8.2	100		CCMT 09T3 -			773371
	S12M SCLCR 09		12	09	150	16	CCMT 09T3 -			720941
777107	SCLCR 2020 K09	20		25	125		CCMT 09T3 -	7006	6001	773245
	SCLCL 2020 K09	20		25	125		CCMT 09T3 -			773246
	SCBCR 2020 K09	20		17	125		CCMT 09T3 -			773373
	SCKCR 2020 K09	20		25	125		CCMT 09T3 -			773223
	SCMCN 2020 K09	20		10	125		CCMT 09T3 -			773323
	SCSCR 2020 K09	20		10.2	125		CCMT 09T3 -			773327
	S16R SCLCR 09		16	11	200	20	CCMT 09T3 -			720943
777108	SCLCR 2525 M09	25		32	150		CCMT 09T3 -	7006	6001	773247
	SCLCL 2525 M09	25		32	150		CCMT 09T3 -			773248
	SCBCR 2525 M09	25		22	150		CCMT 09T3 -			773375
	SCKCR 2525 M09	25		32	150		CCMT 09T3 -			773225
	SCMCN 2525 M09	25		12.5	150		CCMT 09T3 -			773324
	SCSCR 2525 M09	25		12.7	150		CCMT 09T3 -			773329
	S20S SCLCR 09		20	13	250	25	CCMT 09T3 -			720945

APPLICATION

Turning Tool SCLCR	Turning and facing at 90° with 95° approach RH style.
Turning Tool SCLCL	Turning and facing at 90° with 95° approach LH style.
Turning Tool SCBCR	Only turning with 75° approach utilizing 100° unsharpened cutting corners.
Turning Tool SCKCR	Only through facing with 75° approach utilizing 130° crossed cutting corners.
Turning Tool SCMCN	90° Chamfer on both LH and RH side.
Turning Tool SCSCR	45° Chamfer on RH side and 55° on LH side.
Boring Bar SCLCR	Boring and facing counter bore at 90° with 95° approach for minimum bore size dia 9.0

Includes :-

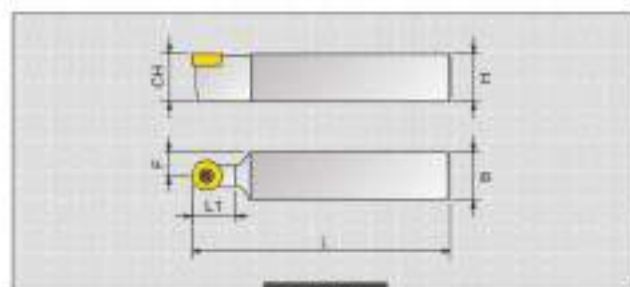
- Turning Tool SCLCR - 1pc
- Turning Tool SCLCL - 1pc
- Turning Tool SCBCR - 1pc
- Turning Tool SCKCR - 1pc
- Turning Tool SCMCN - 1pc
- Turning Tool SCSCR - 1pc
- Boring Bar SCLCR - 1pc
- Torx Key - 1pc



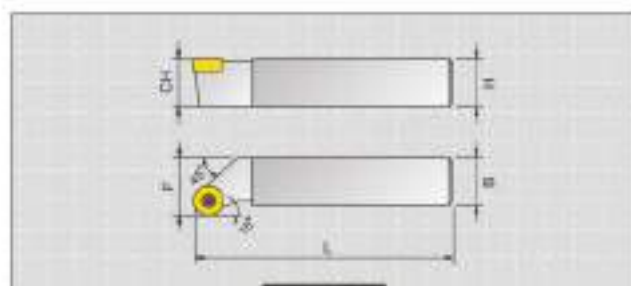
(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATIONS)

Set

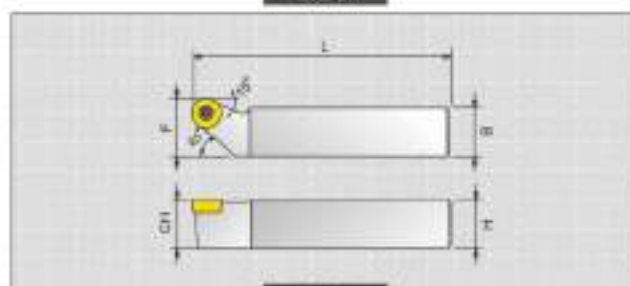
Set of 3 Individual Profiling Tools SRSCR, SRSL & SRDCN



SRDCN



SRSCR



SRSL

SET NO.	ISO DESIGNATION	DIMENSION (mm)					INSERT	TORX SCREW	TORX KEY	Ordering No.
		H=CH	B	F	L1	L				
777811	SRSCR 0808 D08	08	08	10		80	RCMT 0602 MO	M2.5 (700991)	T-8 (700995)	773911
	SRSL 0808 D08	08	08	10		80				773912
	SRDCN 0808 D08	08	08	04	10	80				773853
777812	SRSCR 1010 E08	10	10	12		70	RCMT 0602 MO	M2.5 (700991)	T-8 (700995)	773913
	SRSL 1010 E08	10	10	12		70				773914
	SRDCN 1010 E08	10	10	06	12	70				773855
777813	SRSCR 1212 F08	12	12	16		80	RCMT 0602 MO	M2.5 (700991)	T-8 (700995)	771915
	SRSL 1212 F08	12	12	16		80				771916
	SRDCN 1212 F08	12	12	06	12	80				773857



(Packing)

Best offer includes :

- Ind. Profiling Tool RH SRSCR 08 - 1pc
- Ind. Profiling Tool LH SRSL 08 - 1pc
- Ind. Profiling Tool Neutral SRDCN 08 - 1pc
- Insert RCMT 0602 MO - 3pcs
- Additional Torx Screw - 2pcs
- Torx Key - 2pcs
- Packing with nice carry case

APPLICATION

These are extremely versatile round insert tools are particularly useful where deep profiles are to be produced, and often where other type of tool can't get access. These Holder can achieve many profile turning applications.

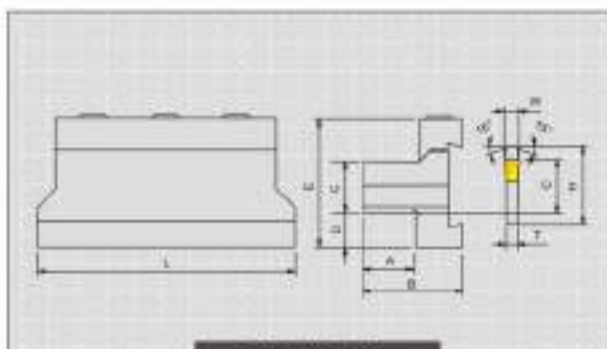


(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATIONS)

Set of Parting Block (Clamp Type) with parting blade 2026

Set No. 776151

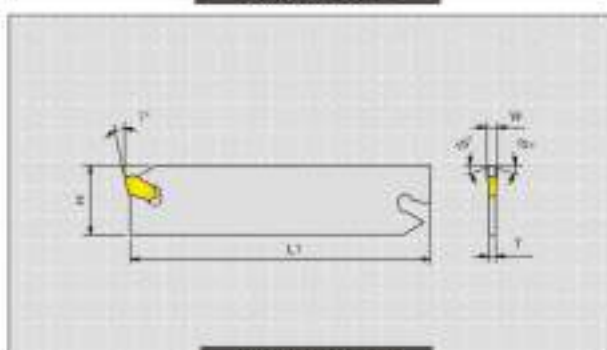
Set of 21 Pcs Clamp Type



PARTING TOOL



(Packing)



BLADE with Insert

DESIGNATION	DIMENSION (mm)										CLAMP SCREW	ALLEN KEY	INSERT	EJECTOR KEY	Blade Ordering No.
	A	B	C	D	E	L	H	W	T	L1					
PARTING TOOL 2026 (Ord. No. - 776050)	20	30	20	.09	44	90	26	3	2.4	110	2020	5057	GCMX-3N	5039	775041
								4	3.2				GCMX-4N		775042
								5	4.2				GCMX-5N		775043

Includes :

- Parting Tool 2026 - 1pc
- Parting Blade 775041 - 1pc
- Parting Blade 775042 - 1pc
- Parting Blade 775043 - 1pc
- Allen Key - 1pc
- Ejector Key - 1pc
- Insert - 700431 GCMX-3N - 5pcs
- Insert - 700441 GCMX-4N - 5pcs
- Insert - 700442 GCMX-5N - 5pcs

APPLICATION



Parting Tool Holder with double ended Insert for External Parting, Grooving and Turning.

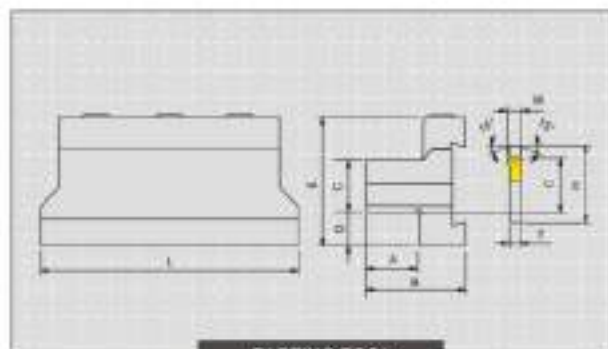
- It can be used for Grooving, Parting & Turning Operation.
- It is Rigid Construction for 100% Clamping Power.
- Good chip removal.
- It is suitable for Steel & Stainless Steel materials.

(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATIONS)

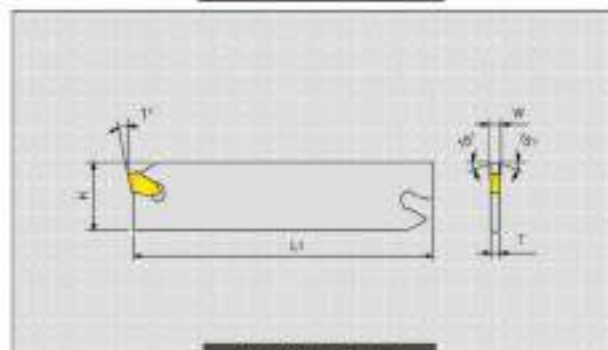
Set No. 776152

Set of Parting Block (Clamp Type) with parting blade 2032

Set of 21 Pcs Clamp Type



PARTING TOOL



BLADE with Insert

(Packing)

DESIGNATION	DIMENSION (mm)										CLAMP SCREW	ALLEN KEY	INSERT	EJECTOR KEY	Blade Ordering No.
	A	B	C	D	E	L	H	W	T	L1					
PARTING TOOL 2032 (Ord. No. - 776055)	20	38	20	13	50	100	32	3	2.4	150	2020	5067	GCMX-3N	5009	775046
								4	3.2				GCMX-4N		775047
								5	4.2				GCMX-5N		775048

Includes :

- Parting Tool 2032 - 1pc
- Parting Blade - 775046 - 1pc
- Parting Blade - 775047 - 1pc
- Parting Blade - 775048 - 1pc
- Allen Key - 1pc
- Ejector Key - 1pc
- Insert 700431 GCMX-3N - 5pcs
- Insert 700441 GCMX-4N - 5pcs
- Insert 700442 GCMX-5N - 5pcs

APPLICATION



Parting Tool Holder with double ended insert for External Parting, Grooving and Turning.

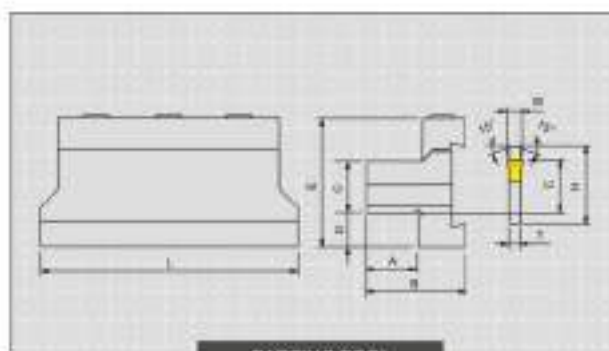
- It can be used for Grooving, Parting & Turning Operation.
- It is Rigid Construction for 100% Clamping Power.
- Good chip removal.
- It is suitable for Steel & Stainless Steel materials.

(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS IMPROVEMENTS)

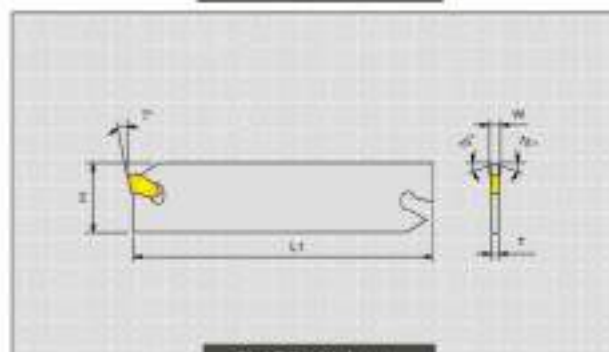
Set of Parting Block (Clamp Type) with parting blade 2532

Set No. 776153

Set of 21 Pcs Clamp Type



PARTING TOOL



BLADE with Insert

DESIGNATION	DIMENSION (mm)										CLAMP SCREW	ALLEN KEY	INSERT	EJECTOR KEY	Blade Ordering No.
	A	B	C	D	E	L	H	W	T	L1					
PARTING TOOL 2532 (Ord. No. - 776046)	25	43	25	08	50	110	32	3	2.4	150	2020	5007	GCMX-3N	5009	775046
								4	3.2				GCMX-4N		775047
								5	4.2				GCMX-5N		775048

Includes :

- Parting Tool 2532 - 1pc
- Parting Blade - 775046- 1pc
- Parting Blade - 775047- 1pc
- Parting Blade - 775048 - 1pc
- Allen Key - 1pc
- Ejector Key - 1pc
- Insert 700431 GCMX-3N - 5pcs
- Insert 700441 GCMX-4N - 5pcs
- Insert 700442 GCMX-5N - 5pcs

APPLICATION



Parting Tool Holder with double ended Insert for External Parting, Grooving and Turning.

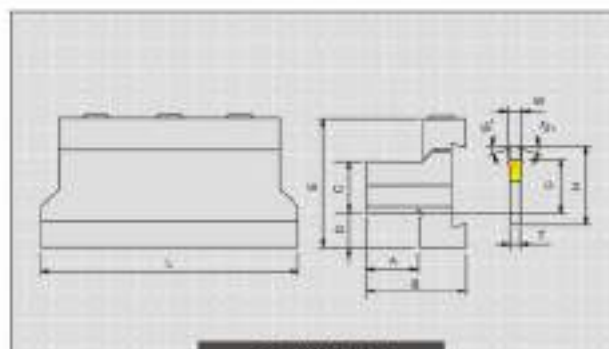
- It can be used for Grooving, Parting & Turning Operation.
- It is Rigid Construction for 100% Clamping Power.
- Good chip removal.
- It is suitable for Steel & Stainless Steel materials.

(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATIONS)

Set No. 776160

Set of Parting Block (Clamp Type) with parting blade 2026

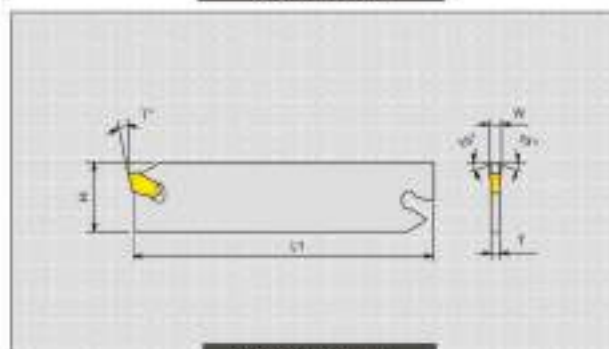
Set of 15 Pcs Clamp Type



PARTING TOOL



(Packing)



BLADE with Insert

DESIGNATION	DIMENSION (mm)											CLAMP SCREW	ALLEN KEY	INSERT	EJECTOR KEY	Blade Ordering No.
	A	B	C	D	E	L	H	W	T	L1						
PARTING TOOL 2026 (Ord. No. - 776075)	20	38	20	09	44	90	26	2	1.8	110	2020	5007	GCMX-2N GCMX-3N	5009		775040 775041

Includes :

- Parting Tool 2026 Spring Type Clamp - 1pc
- Parting Blade - 775040 - 1pc
- Parting Blade - 775041 - 1pc
- Allen Key - 1pc
- Ejector Key - 1pc
- 700421 Insert GCMX-2N - 5pcs
- 700431 Insert GCMX-3N - 5pcs

APPLICATION



Parting Tool Holder with double ended Insert for External Parting, Grooving and Turning.

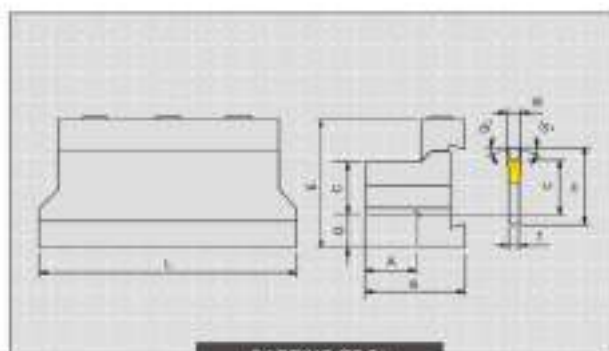
- It can be used for Grooving, Parting & Turning Operation.
- It is Rigid Construction for 100% Clamping Power.
- Good chip removal.
- It is suitable for Steel & Stainless Steel materials.

(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATIONS)

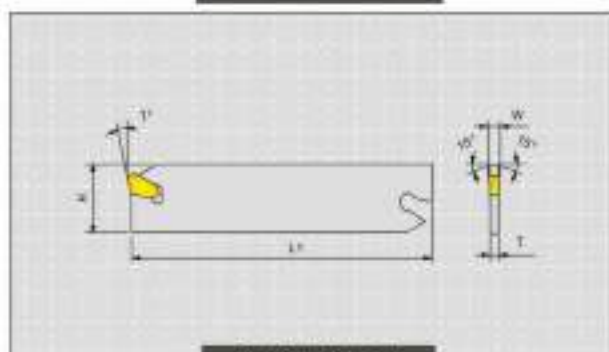
Set of Parting Block (Clamp Type) with parting blade 2032

Set No. 776165

Set of 15 Pcs Clamp Type



PARTING TOOL



BLADE with Insert

(Packing)

DESIGNATION	DIMENSION (mm)										CLAMP SCREW	ALLEN KEY	INSERT	EJECTOR KEY	Blade Ordering No.
	A	B	C	D	E	L	H	W	T	L1					
PARTING TOOL 2032 (Ord. No. - 776080)	20	38	20	13	50	100	32	3	2.4	150	2020	5007	GCMX-3N GCMX-4N	5009	775646 775647

Includes :

- Parting Tool 2032 Spring Type Clamp - 1pc
- Parting Blade 775046 - 1pc
Parting Blade 775047 - 1pc
- Allen Key - 1pc
- Ejector Key - 1pc
- 700431 Insert GCMX-3N - 5pcs
700441 Insert GCMX-4N - 5pcs

APPLICATION



Parting Tool Holder with double ended insert for External Parting, Grooving and Turning.

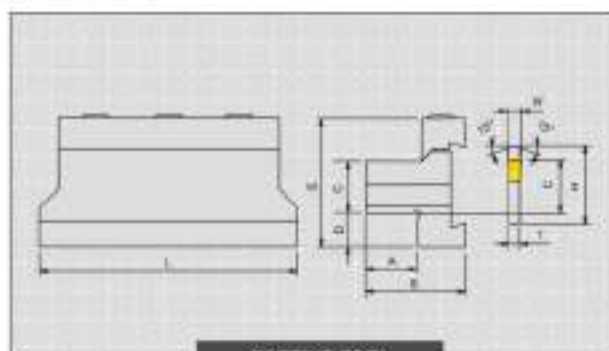
- It can be used for Grooving, Parting & Turning Operation.
- It is Rigid Construction for 100% Clamping Power.
- Good chip removal.
- It is suitable for Steel & Stainless Steel materials.

FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATIONS

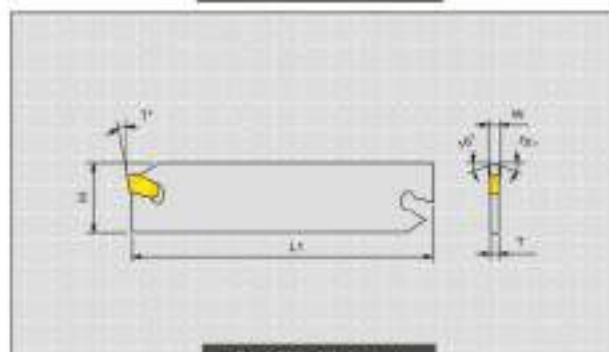
Set No. 776181

Set of Parting Block (Clamp Type) with parting blade 2026

Set of 10 Pcs Clamp Type



PARTING TOOL



BLADE with Insert

DESIGNATION	DIMENSION (mm)										CLAMP SCREW	ALLER KEY	INSERT	EJECTOR KEY	Blade Ordering No.
	A	B	C	D	E	L	H	W	T	L1					
PARTING TOOL 2026 (Ord. No. - 776056)	25	43	20	68	50	110	26	3	2.4	110	2020	6007	GCMX-3N	8009	775041

Includes :

- Parting Tool 2026 - 1pc
- Parting Blade 775041 - 2pc
- Allen Key - 1pc
- Ejector Key - 1pc
- 700431 Insert GCMX-3N - 5pcs

APPLICATION



Parting Tool Holder with double ended Insert for External Parting, Grooving and Turning.

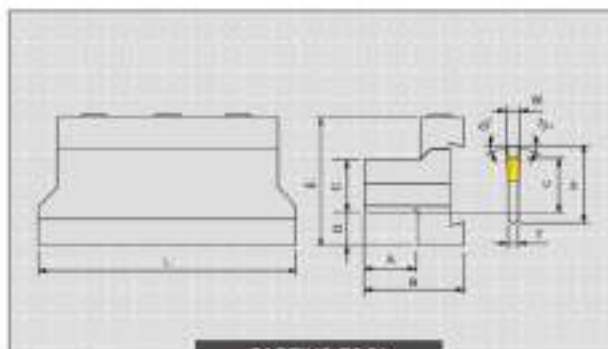
- It can be used for Grooving, Parting & Turning Operation.
- It is Rigid Construction for 100% Clamping Power.
- Good chip removal.
- It is suitable for Steel & Stainless Steel materials.

FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATION

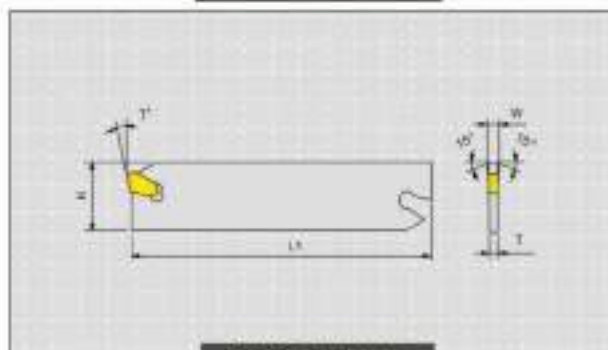
Set of Parting Block (Clamp Type) with parting blade 2032

Set No. 776182

Set of 10 Pcs Clamp Type



PARTING TOOL



BLADE with Insert

(Packing)

DESIGNATION	DIMENSION (mm)											CLAMP SCREW	ALLEN KEY	INSERT	EJECTOR KEY	Blade Ordering No.
	A	B	C	D	E	L	H	W	T	L1						
PARTING TOOL 2032 (Ord. No. - 776182)	20	38	20	13	00	100	32	3	2.4	150		2020	5007	GCMX-3N	5009	775046

Includes :

- Parting Tool 2032 - 1pc
- Parting Blade 775046 - 2pc each
- Allen Key - 1pc
- Ejector Key - 1pc
- 700431 Insert GCMX-3N - 5pcs

APPLICATION



Parting Tool Holder with double ended Insert for External Parting, Grooving and Turning.

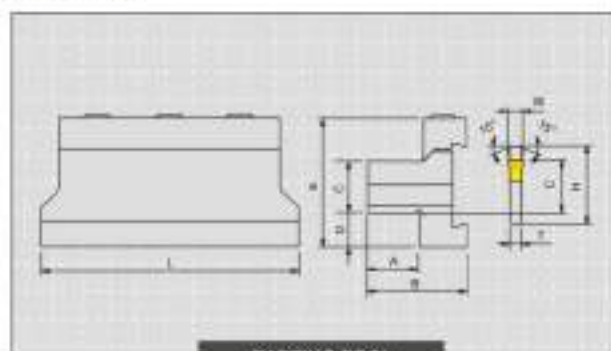
- It can be used for Grooving, Parting & Turning Operation.
- It is Rigid Construction for 100% Clamping Power.
- Good chip removal.
- It is suitable for Steel & Stainless Steel materials.

(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS IMPROVEMENTS)

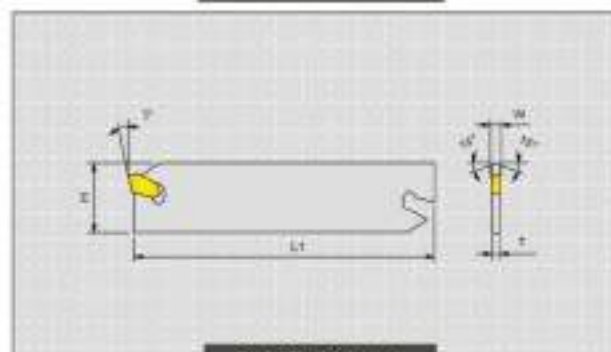
Set No. 776183

Set of Parting Block (Clamp Type) with parting blade 2532

Set of 10 Pcs Clamp Type



PARTING TOOL



BLADE with Insert

(Packing)

DESIGNATION	DIMENSION (mm)										CLAMP SCREW	ALLEN KEY	INSERT	EJECTOR KEY	Blade Ordering No.
	A	B	C	D	E	L	H	W	T	L1					
PARTING TOOL 2532 (Ord. No. - 776068)	25	43	25	08	60	110	32	3	2.4	150	2020	5007	GCMX-3N	5009	775046

Includes :

- Parting Tool 2532 - 1pc
- Parting Blade 775046 - 2pc
- Allen Key - 1pc
- Ejector Key - 1pc
- 700431 Insert GCMX-3N - 5pcs

APPLICATION



Parting Tool Holder with double-ended Insert for External Parting, Grooving and Turning.

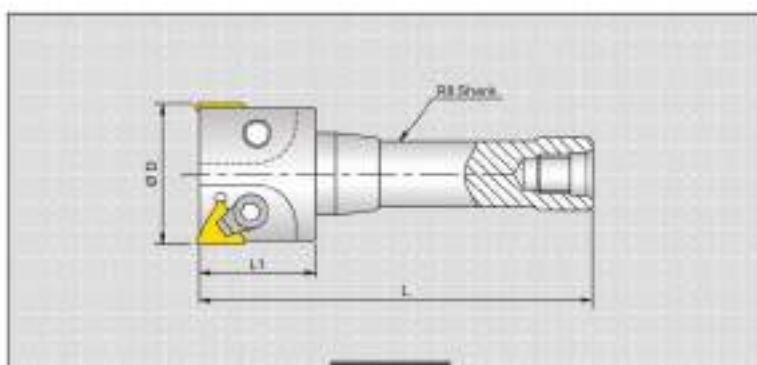
- It can be used for Grooving, Parting & Turning Operation.
- It is Rigid Construction for 100% Clamping Power.
- Good chip removal.
- It is suitable for Steel & Stainless Steel materials.

(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATIONS)

GLANZE Indexable Tool Holders

Set of Indexable End Mill with R8 Shnak

Set No. 772100



RATP --

(Right Hand Shown)

DESIGNATION	DIMENSION (mm)				COMPONENTS				Ordering No.
					INSERT	CLAMP	SCREW	ALLEN KEY	
RATP 325 16	32	145	40	2	TPAN 1603	4032*Z	2002*Z	5902	761632
RATP 403 16	40	145	40	3	TPAN 1603	4002*Z	2002*Z	9002	761640
RATP 508 16	50	145	40	3	TPAN 1603	4002*Z	2002*Z	9002	761650



(Packing)

Includes :

- RATP 325 16 - 1pc
- RATP 403 16 - 1pc
- RATP 508 16 - 1pc
- Allen Key - 1pc

APPLICATION

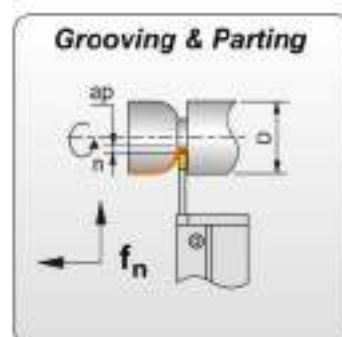
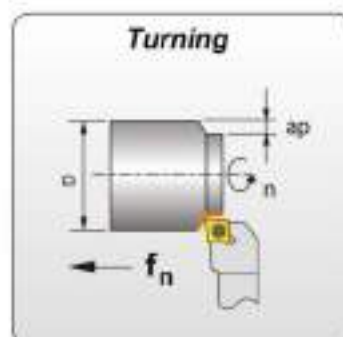
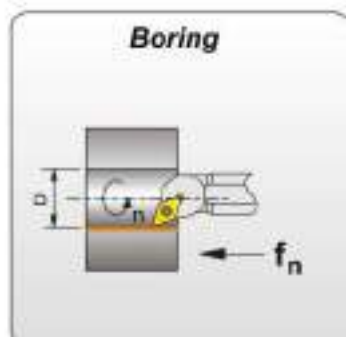


RATP-90°

These GLANZE Indexable Facemill cutter offer low levels of noise and vibration. They have a true helicoid cutting edge and a hardened steel cutter body which can give a true 90 degree corner. They are suitable for shoulder milling, face milling, slotting & side milling. They employ a torx screw and key for safe grip and insert clamping.

The positive, light cutting but secure insert geometries make high metal removal rates possible, even on smaller, low powered machines. These inserts generate high quality surfaces even at high feed rates. They cut extremely cleanly.

(FEATURES ARE SUBJECT TO CHANGE DUE TO CONTINUOUS MODIFICATIONS)



● **Cutting Speed**

$$V_c = \frac{\pi \times D \times n}{1000}$$

$$n = \frac{V_c \times 1000}{\pi \times D}$$

● **Metal Removal Rate**

$$Q = V_c \times a_p \times f_n$$

● **Net Power**

$$P_c = \frac{V_c \times a_p \times f_n \times k_c}{60 \times 10^3}$$

● **Cutting Time**

$$T_c = \frac{l_m}{f_n \times n}$$

D : Machined diameter (mm)

f_n : Feed per revolution (mm/rev)

a_p : Cutting depth (mm)

V_c : Cutting Speed (m/min.)

n : Spindle speed (rpm)

P_c : Net power (kW)

Q : Metal removal rate (cm³/min.)

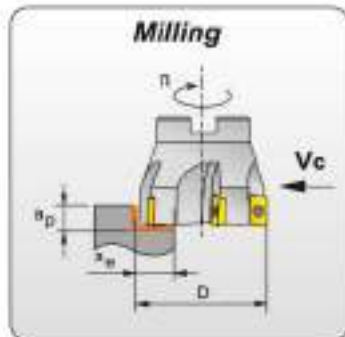
T_c : Cutting time (min.)

l_m : Travel length (mm)

k_c : Specific cutting force (N/mm²)

Technical Information

Milling Formula



● Cutting Speed

$$V_c = \frac{\pi \times D \times n}{1000}$$

$$n = \frac{V_c \times 1000}{\pi \times D}$$

● Metal Removal Rate

$$Q = \frac{a_p \times a_e \times V_f}{1000}$$

● Net Power

$$P_c = \frac{a_p \times a_e \times V_f \times k_c}{60 \times 10^6}$$

● Torque

$$M_c = \frac{P_c \times 30 \times 10^3}{\pi \times n}$$

● Table feed

$$V_f = f_z \times n \times z$$

$$f_z = \frac{V_f}{n \times z}$$

D : Cutter diameter (mm)

f_z : Feed per tooth (mm)

a_p : Depth of cut (mm)

a_e : Width of cut (mm)

V_f : Table feed (mm/min.)

z : No. of cutting edges (nos)

V_c : Cutting Speed (m/min.)

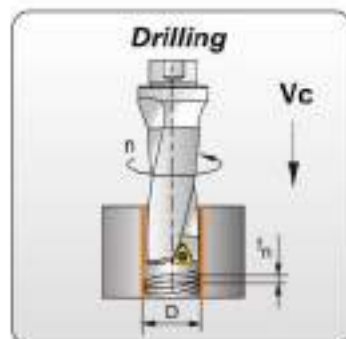
n : Spindle speed (rpm)

P_c : Net power (kW)

Q : Metal removal rate (cm³/min.)

M_c : Torque (Nm)

k_c : Specific cutting force (N/mm²)



● Cutting Speed

$$V_c = \frac{\pi \times D \times n}{1000}$$

$$n = \frac{V_c \times 1000}{\pi \times D}$$

● Feed rate

$$f_n = f_z \times z$$

● Net Power

$$P_c = \frac{f_n \times D \times V_c \times k_c}{240 \times 10^3}$$

● Torque

$$M_c = \frac{P_c \times 30 \times 10^3}{\pi \times n}$$

D : Drill diameter (mm)

f_n : Feed per revolution (mm/rev)

V_c : Cutting Speed (m/min.)

n : Spindle speed (rpm)

P_c : Net power (kW)

k_c : Specific cutting force (N/mm²)

f_z : Feed per tooth (mm)

z : No. of cutting edges (nos)

M_c : Torque (Nm)

Glanze Indexable Tool Holders

Competitive performance is the goal to which Glanze and its corporate structure are geared. Against this background, we have strengthened our spectrum of capabilities, products & services.





Being in Touch with Future

Glanze Engineering Co. Pvt. Ltd

(Manufacturer of Indexable Tool Holders)

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Tel.: +91-11-43118888
Email : sales@glanze.com
Web : www.glanze.com

Works :

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Tel.: +91 9607932888, 9607932877
+91 9607932866, 9607932899

**HIGH PERFORMANCE COST EFFECTIVE PRODUCTION
ENHANCING SOLUTION TO ALL YOUR NEEDS**