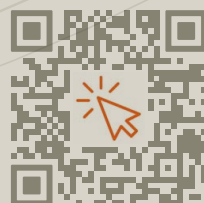


S-Type

HOLDERS with ISO S clamping style for internal turning operations



**Certainty
at every turnTM**





HOLDERS WITH ISO S CLAMPING STYLE FOR INTERNAL TURNING OPERATIONS

Machine deeper holes with enhanced process stability



Our new holders (ISO S) provide an effective solution for internal turning operations on lathes, featuring integrated coolant supply for stable tool life. Designed with extended overall lengths, these holders enable you to machine deeper holes and access hard-to-reach internal geometries without special setups.

Please note: With this new range, we are discontinuing previous tool types. Discontinued items are marked on our website and remain available while stocks last. Replacement product names are displayed for easy reference. Be aware that dimensions, angles, and spare parts may differ from previous versions.



Related products

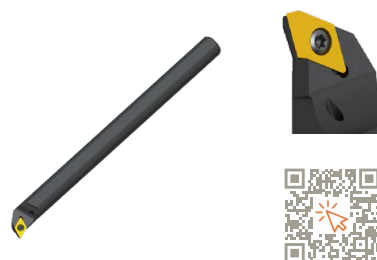
SCLC(RL) INT



Internal tools for
CC..06; CC..09; CC..12
Shank sizes DCON MS:
08; 10; 12; 16; 20; 25; 32

KAPR 95°

SDQC(RL) INT



Internal tools for DC..07; DC..11

Shank sizes DCON MS:
10; 12; 16; 20; 25

KAPR 107.5°

SDUC(RL) INT



Internal tools for DC..07; DC..11

Shank sizes DCON MS:
10; 12; 16; 20; 25

KAPR 93°

STFC(RL) INT



Internal tools for TC..11; TC..16

Shank sizes DCON MS:
12; 16; 20; 25; 32

KAPR 91°



S-Type

Features & benefits

Internal coolant supply delivers coolant directly to the cutting edge.



Stable tool life

ensures consistent performance and reliable chip evacuation.

Extended overall lengths provide higher overhang capability.



Access to deeper holes

enables machining of hard-to-reach internal geometries.





Product Line Replacement Table

ISO S internal turning tools with internal coolant and extended design

Outdated			New		Differences		
					Functional length - millimeter (LF)		
PSF	MID	Ordering code	MID	Ordering code	Old	New	
SCLC (RL) INT	6760285	A08H-SCLCR 06	8998323	A08H-SCLCR06- A	100	100	Same
SCLC (RL) INT	6761028	A08H-SCLCL 06	8998322	A08H-SCLCL06- A	100	100	Same
SCLC (RL) INT	6756827	A10H-SCLCR 06	8957512	A10 K -SCLCR 06	100	125	Longer
SCLC (RL) INT	6756872	A10H-SCLCL 06	8922972	A10 K -SCLCL 06	100	125	Longer
SCLC (RL) INT	6756828	A12K-SCLCR 06	8922974	A12 M -SCLCR 06	125	150	Longer
SCLC (RL) INT	6756869	A12K-SCLCL 06	8922973	A12 M -SCLCL 06	125	150	Longer
SCLC (RL) INT	6756716	A16M-SCLCR 09-A	8922976	A16 R -SCLCR 09	150	200	Longer
SCLC (RL) INT	6756717	A16M-SCLCL 09-A	8922975	A16 R -SCLCL 09	150	200	Longer
SCLC (RL) INT	6757212	A20Q-SCLCR 09	8922978	A20 S -SCLCR 09	180	250	Longer
SCLC (RL) INT	6756856	A20Q-SCLCL 09	8922977	A20 S -SCLCL 09	180	250	Longer
SCLC (RL) INT	6756874	A25R-SCLCL 09	8922979	A25 T -SCLCL 09	200	300	Longer
SCLC (RL) INT	6756870	A25R-SCLCR 09	9003069	A25 T -SCLCR 09	200	300	Longer
SCLC (RL) INT	7773890	A25T-SCLCL 12	7773890	A25T-SCLCL 12	300	300	Same
SCLC (RL) INT	6756870	A25R-SCLCR 09	8922980	A25 T -SCLCR 12	200	300	Longer
SCLC (RL) INT	6756641	A32S-SCLCR 12-A	8922982	A32 T -SCLCR 12	250	300	Longer
SCLC (RL) INT	6756640	A32S-SCLCL 12-A	8922981	A32 T -SCLCL 12	250	300	Longer
SDQC (RL) INT	6756996	A10H-SDQCR 07	8922984	A10 K -SDQCR 07	100	125	Longer
SDQC (RL) INT	6757007	A10H-SDQCL 07	8922983	A10 K -SDQCL 07	100	125	Longer
SDQC (RL) INT	6757020	A12K-SDQCR 07	8922986	A12 M -SDQCR 07	125	150	Longer
SDQC (RL) INT	6757008	A12K-SDQCL 07	8922985	A12 M -SDQCL 07	125	150	Longer
SDQC (RL) INT	6756997	A16M-SDQCR 07	8922988	A16 R -SDQCR 07	150	200	Longer
SDQC (RL) INT	6757009	A16M-SDQCL 07	8922987	A16 R -SDQCL 07	150	200	Longer
SDQC (RL) INT	6757001	A20Q-SDQCR 11	8922990	A20 S -SDQCR 11	180	250	Longer
SDQC (RL) INT	6757297	A20Q-SDQCL 11	8922989	A20 S -SDQCL 11	180	250	Longer
SDQC (RL) INT	6757002	A25R-SDQCR 11	8922992	A25 T -SDQCR 11	200	300	Longer
SDQC (RL) INT	6757298	A25R-SDQCL 11	8922991	A25 T -SDQCL 11	200	300	Longer
SDUC (RL) INT	6757102	A10H-SDUCR 07	8922994	A10 K -SDUCR 07	100	125	Longer
SDUC (RL) INT	6757005	A10H-SDUCL 07	8922993	A10 K -SDUCL 07	100	125	Longer
SDUC (RL) INT	6757103	A12K-SDUCR 07	8922996	A12 M -SDUCR 07	125	150	Longer
SDUC (RL) INT	6757006	A12K-SDUCL 07	8922995	A12 M -SDUCL 07	125	150	Longer
SDUC (RL) INT	6757104	A16M-SDUCR 07	8922998	A16 R -SDUCR 07	150	200	Longer
SDUC (RL) INT	6757151	A16M-SDUCL 07	8922997	A16 R -SDUCL 07	150	200	Longer
SDUC (RL) INT	6757105	A20Q-SDUCR 11	8923000	A20 S -SDUCR 11	180	250	Longer
SDUC (RL) INT	6757152	A20Q-SDUCL 11	8922999	A20 S -SDUCL 11	180	250	Longer
SDUC (RL) INT	6757107	A25R-SDUCR 11	8923002	A25 T -SDUCR 11	200	300	Longer
SDUC (RL) INT	6756857	A25R-SDUCL 11	8923001	A25 T -SDUCL 11	200	300	Longer
STFC (RL) INT	6761011	A12M-STFCR 11	8998325	A12M-STFCR 11- A	150	150	Same
STFC (RL) INT	6761010	A12M-STFCL 11	8998324	A12M-STFCL 11- A	150	150	Same
STFC (RL) INT	6761017	A25R-STFCR 16	8923004	A25 T -STFCR 16	200	300	Longer
STFC (RL) INT	6761016	A25R-STFCL 16	8923003	A25 T -STFCL 16	200	300	Longer
STFC (RL) INT	6761013	A16R-STFCR 11	8998327	A16R-STFCR 11- A	200	200	Same
STFC (RL) INT	6761012	A16R-STFCL 11	8998326	A16R-STFCL 11- A	200	200	Same
STFC (RL) INT	6761019	A32S-STFCR 16	8923006	A32 T -STFCR 16	250	300	Longer
STFC (RL) INT	6761018	A32S-STFCL 16	8923005	A32 T -STFCL 16	250	300	Longer
STFC (RL) INT	6761015	A20S-STFCR 11	8998329	A20S-STFCR 11- A	250	250	Same
STFC (RL) INT	6761014	A20S-STFCL 11	8998328	A20S-STFCL 11- A	250	250	Same



SCLC(RL) INT



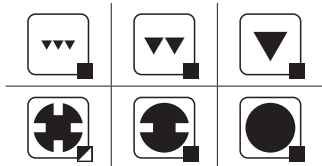
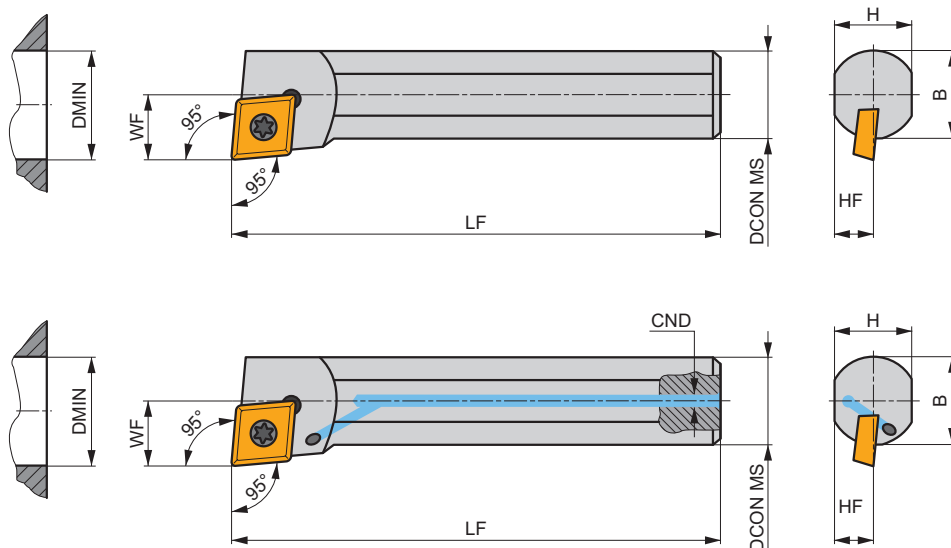
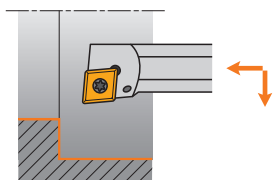
DORMER
PRAMET

S



Internal Screw Lock Boring Bar with 95° Cutting Angle for CC.. Inserts

Internal Right/Left hand boring bar, through coolant available, 95° cutting angle for screw type CC.. inserts. For internal longitudinal turning with shoulder, taper and chamfer turning. Body treated for longer tool life.



Product	DCON MS	DMIN	WF	H	B	LF	CND	LAMS	GAMO				
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(°)	(°)				
R	A08H-SCLCR 06-A	8	10	5	7	—	100	—	-14	0	✓	0.04	GI045 SC06M
	A10K-SCLCR 06	10	12	6	9	—	125	—	-11	0	✓	0.06	GI045 SC06M
	A12M-SCLCR 06	12	16	9	11	—	150	—	-7	0	✓	0.11	GI045 SC06M
	A16R-SCLCR 09	16	20	11	15	—	200	—	-8	0	✓	0.26	GI041 SC09M
	A20S-SCLCR 09	20	25	13	18	—	250	—	-6	0	✓	0.50	GI041 SC09M
	A25T-SCLCR 09	25	32	17	23	—	300	—	-3	0	✓	0.89	GI041 SC09
	A25T-SCLCR 12	25	32	17	23	—	300	—	-5	0	✓	0.90	GI011 C0480
L	A32T-SCLCR 12	32	40	22	30	—	300	—	-10	0	✓	1.58	GI011 SC12
	A08H-SCLCL 06-A	8	10	5	7	—	100	—	-14	0	✓	0.03	GI045 SC06M
	A10K-SCLCL 06	10	12	6	9	—	125	—	-11	0	✓	0.06	GI045 SC06M
	A12M-SCLCL 06	12	16	9	11	—	150	—	-7	0	✓	0.11	GI045 SC06M
	A16R-SCLCL 09	16	20	11	15	—	200	—	-8	0	✓	0.25	GI041 SC09M
	A20S-SCLCL 09	20	25	13	18	—	250	—	-6	0	✓	0.50	GI041 SC09M
	A25T-SCLCL 09	25	32	17	23	—	300	—	-3	0	✓	0.90	GI041 SC09
	A25T-SCLCL 12	25	32	17	23	—	300	—	-5	0	✓	0.90	GI011 C0480
	A32T-SCLCL 12	32	40	22	30	—	300	—	-10	0	✓	1.58	GI011 SC12



GI011

CC.. 1204..

GI041

CC.. 09T3..

GI045

CC.. 0602..



C0480

US 2017-T15P

3.0

M 4

11

—

—

FLAG T15P/3,5



							
SC06M	US 2046-T07P	0.9	M 2.5	5.1	–	–	FLAG T07P
SC09	US 2010-T15P	3.0	M 3.5	10.1	–	–	FLAG T15P/3,5
SC09M	US 2009-T15P	3.0	M 3.5	8.1	–	–	FLAG T15P/3,5
SC12	US 2018-T15P	3.0	M 4	14	SCS 232-02	MS 9003	FLAG T15P/4



SDQC(RL) INT



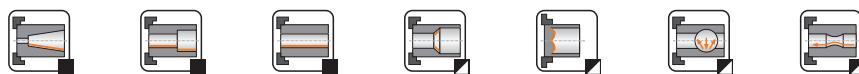
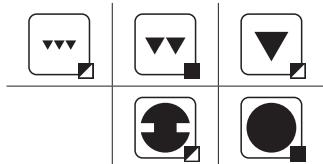
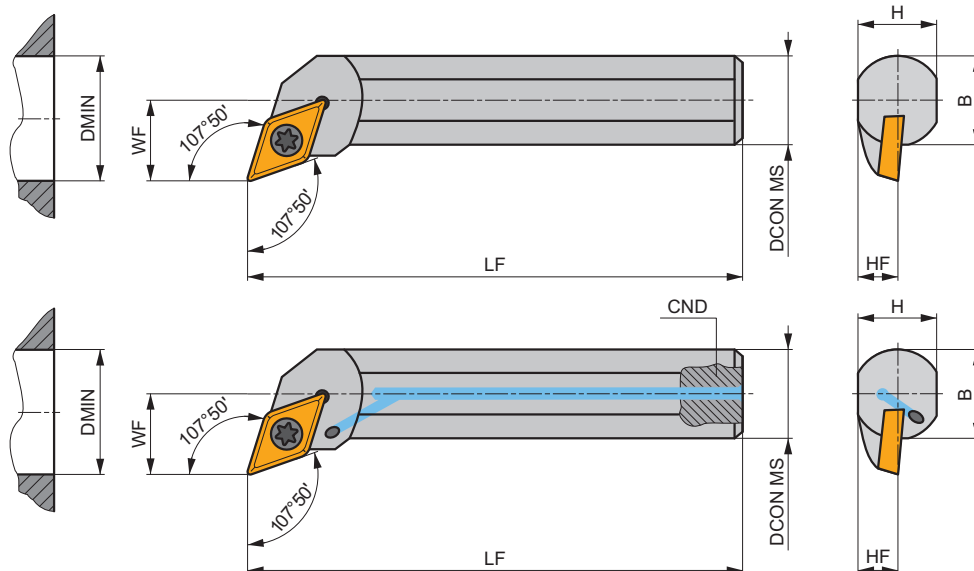
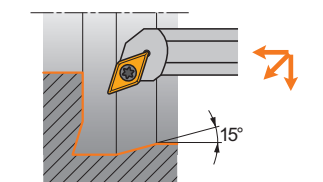
DORMER
PRAMET

S



Internal Screw Lock Boring Bar with 107.5° Cutting Angle for DC.. Inserts

Internal Right/Left hand boring bar, through coolant available, 107.5° cutting angle for screw type DC.. inserts. For internal longitudinal turning with shoulder, taper, copying and chamfer turning. Body treated for longer tool life.



	Product	DCON MS	DMIN	WF	H	B	LF	CND	LAMS	GAMO				
		(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(°)	(°)				
R	A10K-SDQCR 07	10	13	7	9	—	125	—	-10	0	✓	0.08	GI052	C0481
	A12M-SDQCR 07	12	16	9	11	—	150	—	-7	0	✓	0.11	GI052	SD07
	A16R-SDQCR 07	16	20	11	15	—	200	—	-5	0	✓	0.25	GI052	SD07
	A20S-SDQCR 11	20	25	13	18	—	250	—	-6	0	✓	0.54	GI012	SD11M
	A25T-SDQCR 11	25	32	17	23	—	300	—	-4	0	✓	0.89	GI012	SD11I
L	A10K-SDQCL 07	10	13	7	9	—	125	—	-10	0	✓	0.06	GI052	C0481
	A12M-SDQCL 07	12	16	9	11	—	150	—	-7	0	✓	0.11	GI052	SD07
	A16R-SDQCL 07	16	20	11	15	—	200	—	-5	0	✓	0.25	GI052	SD07
	A20S-SDQCL 11	20	25	13	18	—	250	—	-6	0	✓	0.49	GI012	SD11M
	A25T-SDQCL 11	25	32	17	23	—	300	—	-4	0	✓	0.89	GI012	SD11I



GI012
GI052

DC.. 11T3..
DC.. 0702..



C0481
SD07
SD11I
SD11M

US 2048-T07P
US 2003-T07P
US 2010-T15P
US 2009-T15P

0.9
0.8
3.0
3.0

M 2.5
M 2.5
M 3.5
M 3.5

5.7
6.5
10.1
8.1

FLAG T07P
FLAG T07P
FLAG T15P/3,5
FLAG T15P/3,5



SDUC(RL) INT



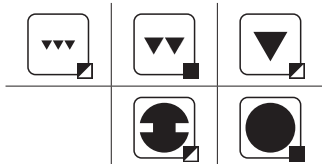
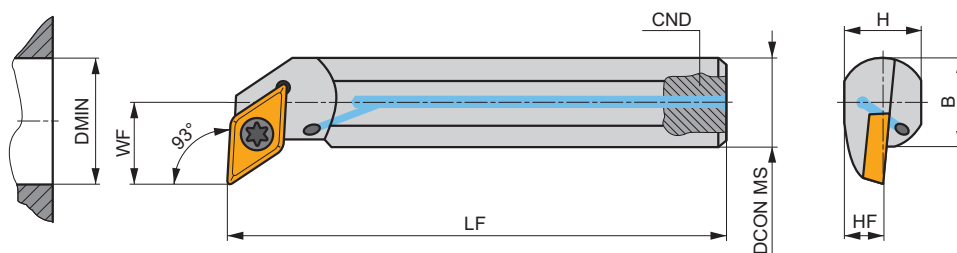
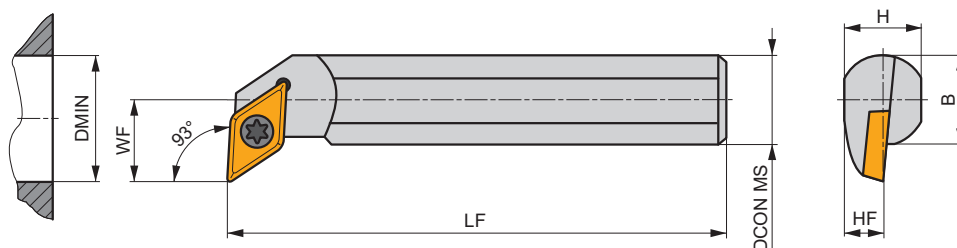
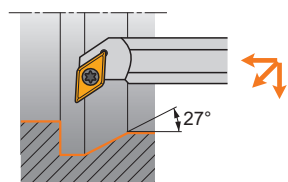
DORMER
PRAMET

S



Internal Screw Lock Boring Bar with 93° Cutting Angle for DC.. Inserts

Internal Right/Left hand boring bar, through coolant available, 93° cutting angle for screw type DC.. inserts. For internal longitudinal turning with shoulder, taper, copying and chamfer turning. Body treated for longer tool life.



Product	DCON MS	DMIN	WF	H	B	LF	CND	LAMS	GAMO		kg		
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(°)	(°)				
R	A10K-SDUCR 07	10	13	7	9	—	125	—	-9	0	✓	0.07	GI052 C0481
	A12M-SDUCR 07	12	16	9	11	—	150	—	-7	0	✓	0.11	GI052 SD07
	A16R-SDUCR 07	16	20	11	15	—	200	—	-4	0	✓	0.25	GI052 SD07
	A20S-SDUCR 11	20	25	13	18	—	250	—	-6	0	✓	0.50	GI012 SD11M
	A25T-SDUCR 11	25	32	17	23	—	300	—	-3	0	✓	0.90	GI012 SD11I
L	A10K-SDUCL 07	10	13	7	9	—	125	—	-9	0	✓	0.08	GI052 C0481
	A12M-SDUCL 07	12	16	9	11	—	150	—	-7	0	✓	0.13	GI052 SD07
	A16R-SDUCL 07	16	20	11	15	—	200	—	-4	0	✓	0.25	GI052 SD07
	A20S-SDUCL 11	20	25	13	18	—	250	—	-6	0	✓	0.50	GI012 SD11M
	A25T-SDUCL 11	25	32	17	23	—	300	—	-3	0	✓	0.90	GI012 SD11I



GI012
GI052

DC.. 11T3..
DC.. 0702..



C0481

US 2048-T07P

0.9

M 2.5

5.7

FLAG T07P

SD07

US 2003-T07P

0.8

M 2.5

6.5

FLAG T07P

SD11I

US 2010-T15P

3.0

M 3.5

10.1

FLAG T15P/3,5

SD11M

US 2009-T15P

3.0

M 3.5

8.1

FLAG T15P/3,5



STFC(RL) INT



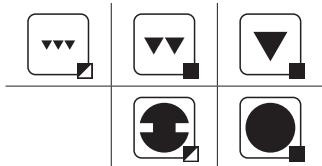
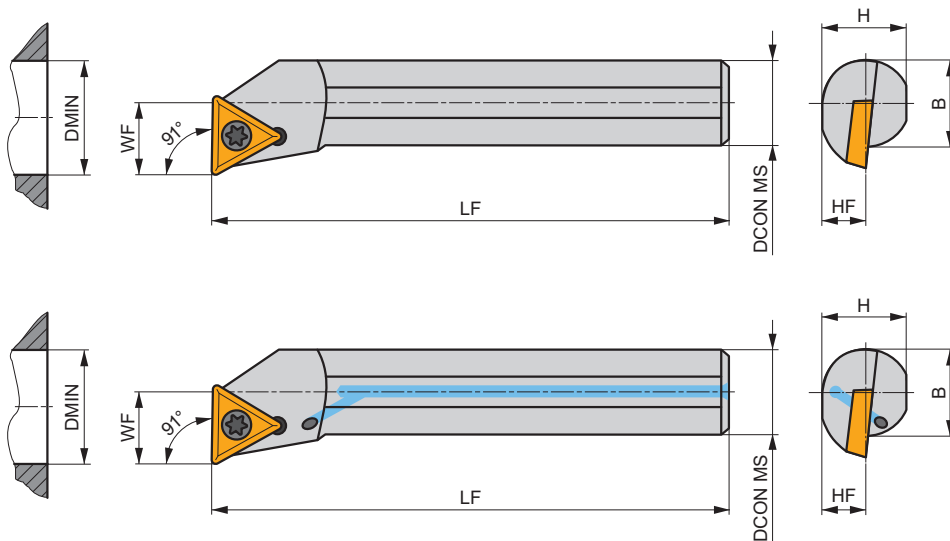
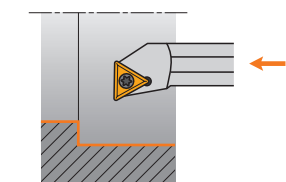
DORMER
PRAMET

S



Internal Screw Lock Boring Bar with 91° Cutting Angle for TC.. Inserts

Internal Right/Left hand boring bar, through coolant available, 91° cutting angle for screw type TC.. inserts. Suited for internal taper and longitudinal turning with shoulder and chamfer turning. Body treated for longer tool life.



	Product	DCON MS	DMIN	WF	H	B	LF	LAMS	GAMO				
		(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(°)	(°)				
R	A12M-STFCR 11-A	12	16	9	11	—	150	-7	0	✓	0.12	GI056	C0481
	A16R-STFCR 11-A	16	20	11	15	—	200	-4	0	✓	0.25	GI056	ST11
	A20S-STFCR 11-A	20	25	13	18	—	250	-3	0	✓	0.50	GI056	ST11
	A25T-STFCR 16	25	32	17	23	—	300	-3	0	✓	0.90	GI016	ST16I
	A32T-STFCR 16	32	40	22	30	—	300	-8	0	✓	1.58	GI016	ST16I
L	A12M-STFCL 11-A	12	16	9	11	—	150	-7	0	✓	0.12	GI056	C0481
	A16R-STFCL 11-A	16	20	11	15	—	200	-4	0	✓	0.28	GI056	ST11
	A20S-STFCL 11-A	20	25	13	18	—	250	-3	0	✓	0.50	GI056	ST11
	A25T-STFCL 16	25	32	17	23	—	300	-3	0	✓	0.90	GI016	ST16I
	A32T-STFCL 16	32	40	22	30	—	300	-8	0	✓	1.58	GI016	ST16I

GI016		TC.. 16T3..
GI056		TC.. 1102..

C0481	US 2048-T07P	0.9	M 2.5	5.7	FLAG T07P
ST11	US 2003-T07P	0.8	M 2.5	6.5	FLAG T07P
ST16I	US 2010-T15P	3.0	M 3.5	10.1	FLAG T15P/3,5



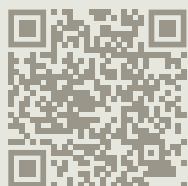
ISO group	WMG (Work Material Group)			Hardness (HB or HRC)	Ultimate Tensile Strength (MPa)		
P	P1	P1.1	Free machining steel (carbon steels with increased machinability)	Sulfurized	< 240 HB	≤ 830	
		P1.2		Sulfurized and phosphorized	< 180 HB	≤ 620	
		P1.3		Sulfurized/phosphorized and leaded	< 180 HB	≤ 620	
	P2	P2.1	Plain carbon steel (steels comprised of mainly iron and carbon)	Containing <0.25 % C	< 180 HB	≤ 620	
		P2.2		Containing <0.55 % C	< 240 HB	≤ 830	
		P2.3		Containing >0.55 % C	< 300 HB	≤ 1030	
	P3	P3.1	Alloy steel (carbon steels with an alloying content ≤ 10%)	Annealed	< 180 HB	≤ 620	
		P3.2		Hardened and tempered	180 – 260 HB	> 620 ≤ 900	
		P3.3			260 – 360 HB	> 900 ≤ 1240	
	P4	P4.1	Tool steel (special alloy steel for tools, dies and molds)	Annealed	< 26 HRC	≤ 900	
P4.2		Hardened and tempered		26 – 39 HRC	> 900 ≤ 1240		
P4.3				39 – 45 HRC	> 1240 ≤ 1450		
M	M1	M1.1	Ferritic stainless steel (straight chromium non-hardenable alloys)		< 160 HB	≤ 520	
		M1.2			160 – 220 HB	> 520 ≤ 700	
	M2	M2.1	Martensitic stainless steel (straight chromium hardenable alloys)	Annealed	< 200 HB	≤ 670	
		M2.2		Quenched and tempered	200 – 280 HB	> 670 ≤ 950	
	M3	M2.3	Precipitation-hardened	280 – 380 HB	> 950 ≤ 1300		
					< 200 HB	≤ 750	
					200 – 260 HB	> 750 ≤ 870	
	M4	M3.1	Austenitic stainless steel (chromium-nickel and chromium-nickel-manganese alloys)		260 – 300 HB	> 870 ≤ 1040	
				M4.1	Austenitic-ferritic (DUPLEX) or super-austenitic stainless steel	< 300 HB	≤ 990
				M4.2	Precipitation hardening austenitic stainless steel	300 – 380 HB	≤ 1320
K	K1	K1.1	Gray iron or Automotive Gray iron (GG) (iron-carbon castings with a lamellar graphite microstructure)	Ferritic or ferritic-pearlitic	< 180 HB	≤ 190	
		K1.2		Ferritic-pearlitic or pearlitic	180 – 240 HB	> 190 ≤ 310	
		K1.3		Pearlitic	240 – 280 HB	> 310 ≤ 390	
	K2	K2.1	Malleable iron (GTS/GTW) (iron-carbon castings with a graphite-free microstructure)	Ferritic	< 160 HB	≤ 400	
		K2.2		Ferritic or pearlitic	160 – 200 HB	> 400 ≤ 550	
		K2.3		Pearlitic	200 – 240 HB	> 550 ≤ 660	
	K3	K3.1	Ductile iron (GGG) (iron-carbon castings with a nodular graphite microstructure)	Ferritic	< 180 HB	≤ 560	
		K3.2		Ferritic or pearlitic	180 – 220 HB	> 560 ≤ 680	
		K3.3		Pearlitic	220 – 260 HB	> 680 ≤ 800	
	K4	K4.1	Austenitic gray iron (ASTM A436) (iron-carbon alloy castings with an austenitic lamellar graphite microstructure)		< 180 HB	≤ 190	
K4.2		Austenitic ductile iron (ASTM A439 or ASTM A571) (iron-carbon alloy castings with an austenitic nodular graphite microstructure)		< 240 HB	≤ 740		
K4.3		Austempered ductile iron (ASTM A897) (iron-carbon alloy castings with an ausferrite microstructure)		< 280 HB	> 840 ≤ 980		
K4.4				280 – 320 HB	> 980 ≤ 1130		
K4.5				320 – 360 HB	> 1130 ≤ 1280		
K5	K5.1	Compacted graphite iron CGI (ASTM A842) (iron-carbon castings with a vermicular graphite structure)	Ferritic	< 180 HB	≤ 400		
	K5.2		Ferritic-pearlitic	180 – 220 HB	> 400 ≤ 450		
	K5.3		Pearlitic	220 – 260 HB	> 450 ≤ 500		
N	N1	N1.1	Commercially pure wrought aluminium		< 60 HB	≤ 240	
		N1.2		Wrought aluminium alloys	60 – 100 HB	> 240 ≤ 400	
		N1.3			100 – 150 HB	> 400 ≤ 590	
	N2	N2.1	Cast aluminium alloys	< 75 HB	≤ 240		
		N2.2		75 – 90 HB	> 240 ≤ 270		
		N2.3		90 – 140 HB	> 270 ≤ 440		
	N3	N3.1	Free-cutting copper-alloys materials with excellent machining properties		–	–	
		N3.2		Short-chip copper-alloys with good to moderate machining properties	–	–	
		N3.3		Electrolytic copper and long-chip copper-alloys with moderate to poor machining properties	–	–	
	N4	N4.1	Thermoplastic polymers		–	–	
N4.2		Thermosetting polymers		–	–		
N4.3		Reinforced polymers or composites		–	–		
N5	N5.1	Graphite		–	–		
	S	S1	S1.1	Titanium or titanium alloys	< 200 HB	≤ 660	
S1.2			200 – 280 HB		> 660 ≤ 950		
S1.3			280 – 360 HB		> 950 ≤ 1200		
S2		S2.1	Fe-based high-temperature alloys	< 200 HB	≤ 690		
		S2.2		200 – 280 HB	> 690 ≤ 970		
S3		S3.1	Ni-based high-temperature alloys	< 280 HB	≤ 940		
		S3.2		280 – 360 HB	> 940 ≤ 1200		
S4		S4.1	Co-based high-temperature alloys	< 240 HB	≤ 800		
	S4.2	240 – 320 HB		> 800 ≤ 1070			
H	H1	H1.1	Chilled cast iron	< 440 HB	–		
	H2	H2.1	Hardened cast iron	< 55 HRC	–		
		H2.2		> 55 HRC	–		
	H3	H3.1	Hardened steel < 55 HRC	< 51 HRC	–		
		H3.2		51 – 55 HRC	–		
H4	H4.1	Hardened steel > 55 HRC	55 – 59 HRC	–			
	H4.2		> 59 HRC	–			



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